0.1 Global mean budget

Left column shows global mean fluxes by DCPAM, and right column shows those by Trenberth et al. (2009).

PRCP	:	49.865856591992184 W m-2, 80
EvapU	:	49.877023238554344 W m-2, 80
SensA	:	12.296731148987226 W m-2, 17
SLRA	:	277.96024561265426 W m-2, 63
SSRA	:	-340.1339979604238 W m-2, -161
OLRA	:	340.32802055718156 W m-2, 239
OSRA	:	-340.1339979604238 W m-2, -239
Heatin	g:	-0.19401973604284029 W m-2
Water	:	-3.51047399984109e-09 kg m-2 s-1

0.2 Figures

Data from 1988 to 2007 are used for NCEP reanalysis, NOAA Interpolated OLR, and GPCP, and those from 1982 to 2001 are used for ECMWF reanalysis.

0.2.1 Annual and zonal mean latitudinal distribution

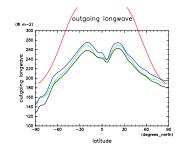
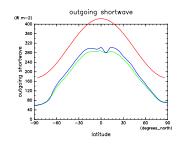


Figure 1: Annual average OLRA by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)



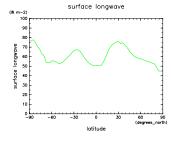


Figure 4: Annual average SLRA by DCPAM (red), NCEP (green)

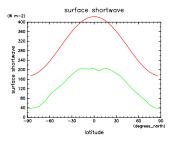


Figure 2: Annual average OSRA by Figure 5: Annual average SSRA by DCPAM (red), NCEP (green), and DCPAM (red), NCEP (green) ECMWF (blue)

precipitation

(×1E-5 kg m-2 s-1

precipitation

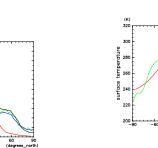


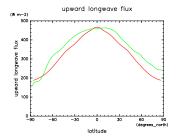
Figure 3: Annual average PRCP by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

latitude

surface temperature

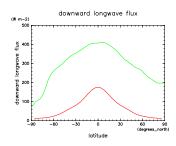
Figure 6: Annual average SurfTemp by DCPAM (red), NCEP (skt) (green)

latitude



upward shortwave flux (W m-2) 200 180 x 160 120 100 120 100 60 40 20 60 (deg latitude

Figure 7: Annual average SLURA by Figure 9: Annual average SSURA by DCPAM (red), NCEP (green)



DCPAM (red), NCEP (green)

DCPAM (red), NCEP (green)

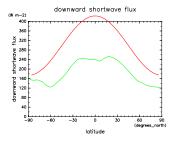


Figure 8: Annual average SLDRA by Figure 10: Annual average SSDRA by DCPAM (red), NCEP (green)

0.2.2 Annual mean longitude-latitude distribution

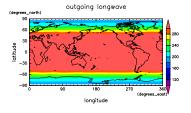


Figure 11: Annual mean OLR by DC-PAM

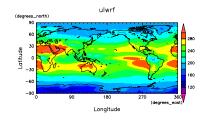


Figure 12: Annual mean OLR by NCEP

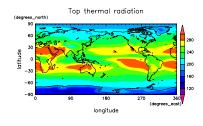


Figure 13: Annual mean OLR by ECMWF

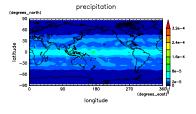


Figure 14: Annual mean Rain by DC-PAM

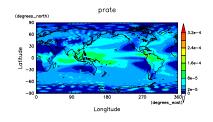


Figure 15: Annual mean Rain by NCEP

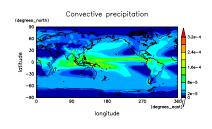


Figure 16: Annual mean Rain by ECMWF

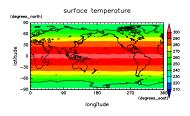


Figure 17: Annual mean SurfTemp by DCPAM

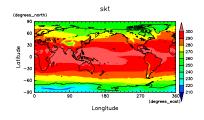


Figure 18: Annual mean skt by NCEP

0.2.3 Annual mean latitude-pressure (linear) distribution

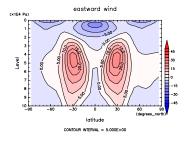


Figure 19: Annual mean U by DC-PAM

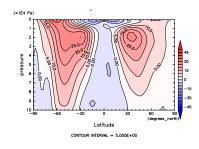


Figure 20: Annual mean U by NCEP

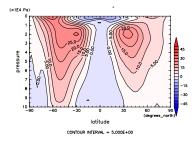


Figure 21: Annual mean U by ECMWF

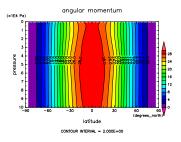


Figure 22: Annual mean ANGMOM by DCPAM

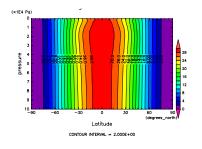


Figure 23: Annual mean ANGMOM by NCEP

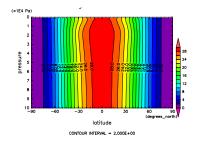


Figure 24: Annual mean ANGMOM by ECMWF

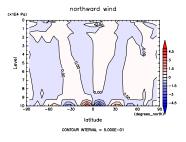


Figure 25: Annual mean V by DC-PAM

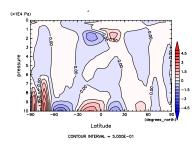


Figure 26: Annual mean V by NCEP

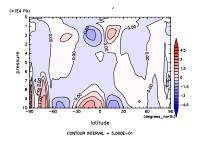


Figure 27: Annual mean V by ECMWF

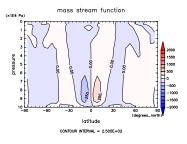


Figure 28: Annual mean MSF by DC-PAM

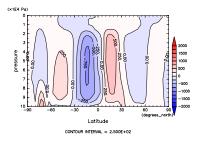


Figure 29: Annual mean MSF by NCEP

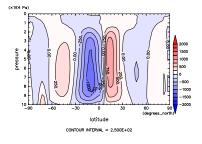


Figure 30: Annual mean MSF by ECMWF

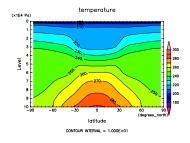


Figure 31: Annual mean T by DC-PAM

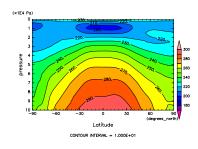


Figure 32: Annual mean T by NCEP

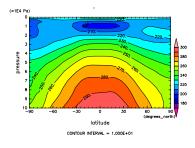


Figure 33: Annual mean T by ECMWF

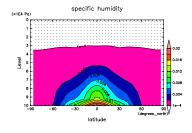


Figure 34: Annual mean q by DCPAM

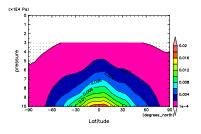


Figure 35: Annual mean q by NCEP

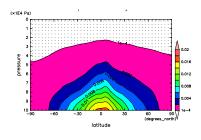


Figure 36: Annual mean q by ECMWF

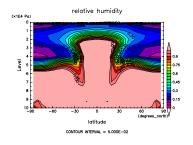


Figure 37: Annual mean RH by DC-PAM

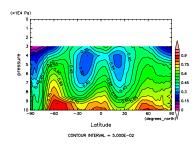


Figure 38: Annual mean RH by NCEP

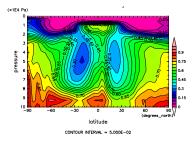


Figure 39: Annual mean RH by ECMWF

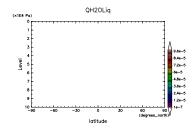


Figure 40: Annual mean q_l by DC-PAM

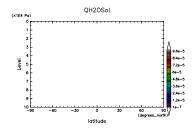


Figure 41: Annual mean q_i by DC-PAM

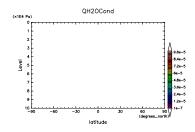


Figure 42: Annual mean $q_l + q_i$ by DC-PAM

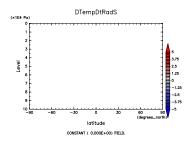


Figure 43: Annual mean $(\partial T/\partial t)_{SW}$ by DCPAM

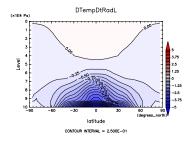


Figure 44: Annual mean $(\partial T/\partial t)_{LW}$ by DCPAM

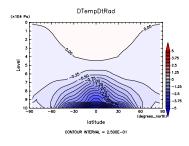


Figure 45: Annual mean $(\partial T/\partial t)_{SW+LW}$ by DCPAM

0.2.4 Annual mean latitude-pressure (logarithmic) distribution

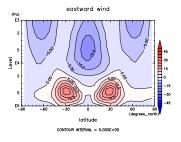


Figure 46: Annual mean U by DC-PAM

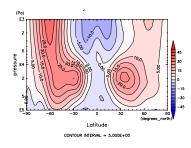


Figure 47: Annual mean U by NCEP

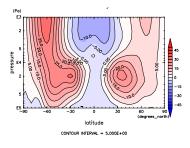


Figure 48: Annual mean U by ECMWF

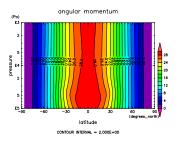


Figure 49: Annual mean ANGMOM by DCPAM

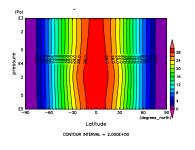


Figure 50: Annual mean ANGMOM by NCEP

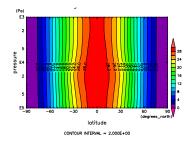


Figure 51: Annual mean ANGMOM by ECMWF

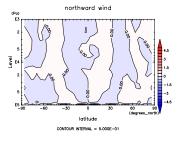


Figure 52: Annual mean V by DC-PAM

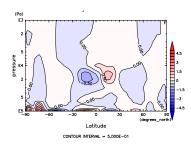


Figure 53: Annual mean V by NCEP

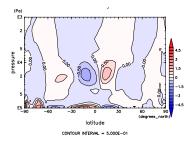


Figure 54: Annual mean V by ECMWF

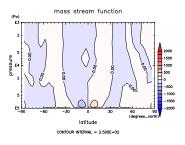


Figure 55: Annual mean MSF by DC-PAM $\,$

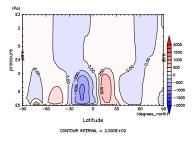


Figure 56: Annual mean MSF by NCEP

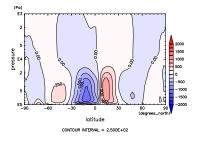


Figure 57: Annual mean MSF by ECMWF

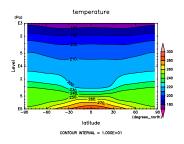


Figure 58: Annual mean T by DC-PAM

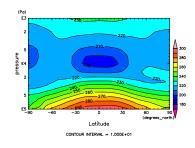


Figure 59: Annual mean T by NCEP

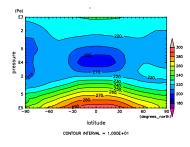


Figure 60: Annual mean T by ECMWF

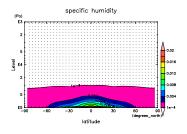


Figure 61: Annual mean q by DCPAM

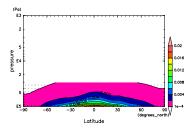


Figure 62: Annual mean q by NCEP

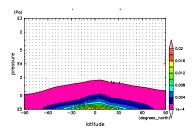


Figure 63: Annual mean q by ECMWF

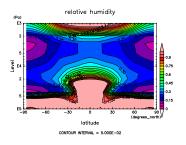


Figure 64: Annual mean RH by DC-PAM

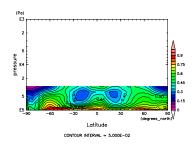


Figure 65: Annual mean RH by NCEP

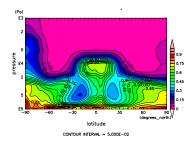


Figure 66: Annual mean RH by ECMWF

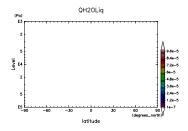


Figure 67: Annual mean q_l by DC-PAM

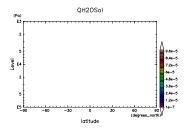


Figure 68: Annual mean q_i by DC-PAM

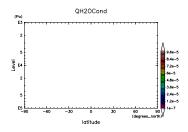


Figure 69: Annual mean $q_l\!+\!q_i$ by DC-PAM

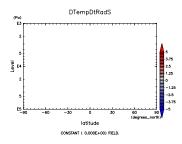


Figure 70: Annual mean $(\partial T/\partial t)_{SW}$ by DCPAM

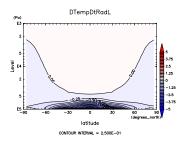


Figure 71: Annual mean $(\partial T/\partial t)_{LW}$ by DCPAM

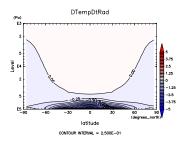
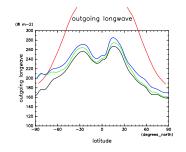


Figure 72: Annual mean $(\partial T/\partial t)_{SW+LW}$ by DCPAM

0.2.5 Monthly and zonal mean latitudinal distribution



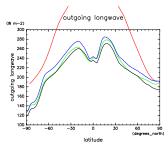


Figure 73: OLRA at Jan. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

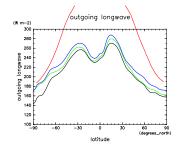


Figure 76: OLRA at Apr. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

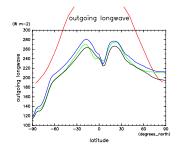


Figure 74: OLRA at Feb. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

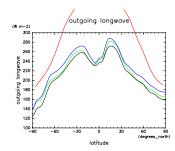


Figure 77: OLRA at May by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

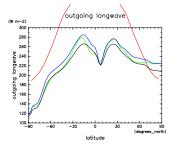
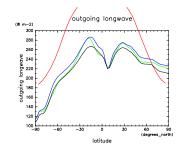


Figure 75: OLRA at Mar. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

Figure 78: OLRA at Jun. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)



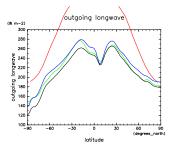


Figure 79: OLRA at Jul. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

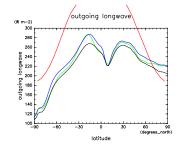


Figure 82: OLRA at Oct. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

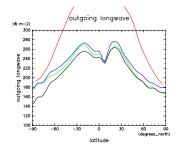
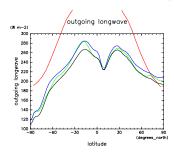


Figure 80: OLRA at Aug. by DCPAM Figure 83: OLRA at Nov. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)



(red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

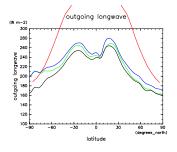
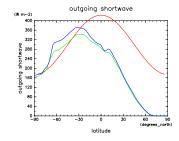


Figure 81: OLRA at Sep. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

Figure 84: OLRA at Dec. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)



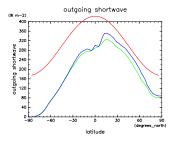
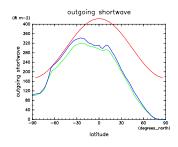


Figure 85: OSRA at Jan. by DCPAM (red), NCEP (green), and ECMWF (blue)

Figure 88: OSRA at Apr. by DCPAM (red), NCEP (green), and ECMWF (blue)



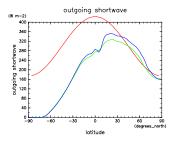


Figure 86: OSRA at Feb. by DCPAM Figure 89: OSRA at May by DCPAM (red), NCEP (green), and ECMWF (blue)

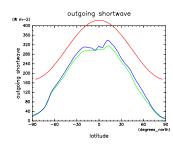


Figure 87: OSRA at Mar. by DCPAM (red), NCEP (green), and ECMWF (blue)

(red), NCEP (green), and ECMWF (blue)

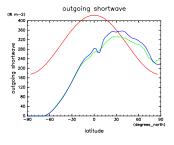
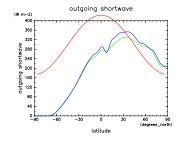


Figure 90: OSRA at Jun. by DCPAM (red), NCEP (green), and ECMWF (blue)



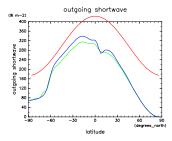
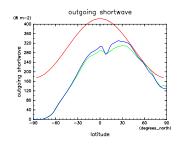


Figure 91: OSRA at Jul. by DCPAM (red), NCEP (green), and ECMWF (blue)

Figure 94: OSRA at Oct. by DCPAM (red), NCEP (green), and ECMWF (blue)



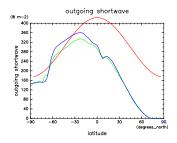


Figure 92: OSRA at Aug. by DCPAM Figure 95: OSRA at Nov. by DCPAM (red), NCEP (green), and ECMWF (blue)

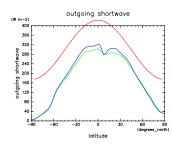


Figure 93: OSRA at Sep. by DCPAM (red), NCEP (green), and ECMWF (blue)

(red), NCEP (green), and ECMWF (blue)

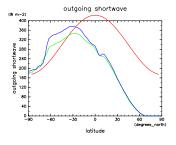
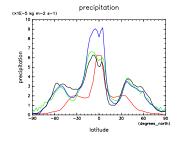


Figure 96: OSRA at Dec. by DCPAM (red), NCEP (green), and ECMWF (blue)



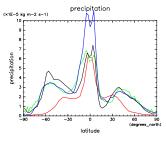


Figure 97: Rain at Jan. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

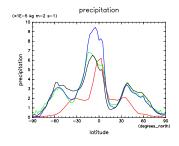


Figure 100: Rain at Apr. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

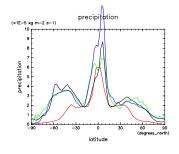


Figure 98: Rain at Feb. by DCPAM Figure 101: Rain at May by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

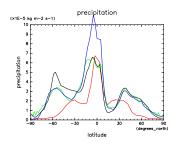


Figure 99: Rain at Mar. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

(red), NCEP (green), ECMWF (blue), and GPCP (black)

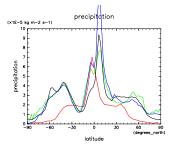
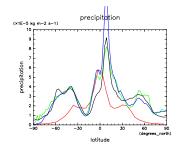


Figure 102: Rain at Jun. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)



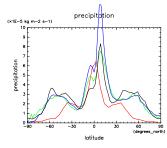


Figure 103: Rain at Jul. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

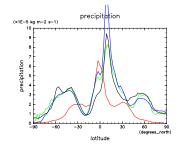


Figure 106: Rain at Oct. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

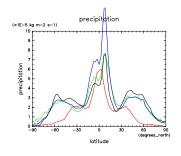


Figure 104: Rain at Aug. by DCPAM Figure 107: Rain at Nov. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

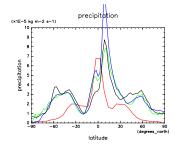


Figure 105: Rain at Sep. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

(red), NCEP (green), ECMWF (blue), and GPCP (black)

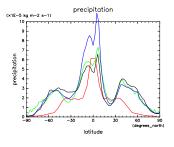
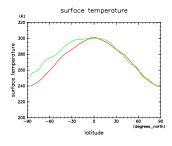


Figure 108: Rain at Dec. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)



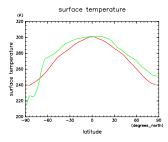


Figure 109: SurfTemp at Jan. by DC-PAM (red), NCEP (skt) (green)

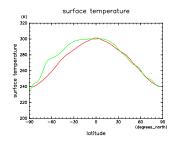


Figure 110: SurfTemp at Feb. by DC- Figure 113: SurfTemp at May by DC-PAM (red), NCEP (skt) (green)

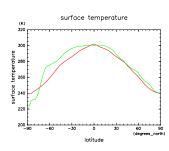
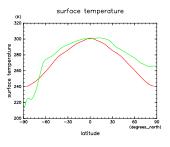


Figure 111: SurfTemp at Mar. by DC-PAM (red), NCEP (skt) (green)

Figure 112: SurfTemp at Apr. by DC-PAM (red), NCEP (skt) (green)



PAM (red), NCEP (skt) (green)

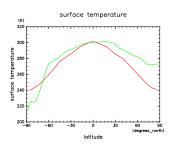
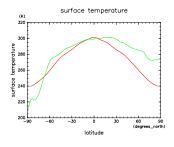


Figure 114: SurfTemp at Jun. by DC-PAM (red), NCEP (skt) (green)



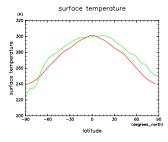
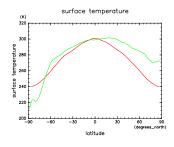


Figure 115: SurfTemp at Jul. by DC-PAM (red), NCEP (skt) (green)



surface temperature (K) 320 300 280

Figure 118: SurfTemp at Oct. by DC-

PAM (red), NCEP (skt) (green)

surface 22 60 90 (degrees_north) latitude

Figure 116: SurfTemp at Aug. by DC- Figure 119: SurfTemp at Nov. by DC-PAM (red), NCEP (skt) (green)

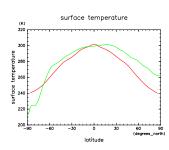


Figure 117: SurfTemp at Sep. by DC-PAM (red), NCEP (skt) (green)

PAM (red), NCEP (skt) (green)

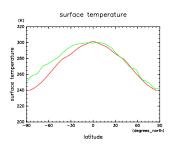


Figure 120: SurfTemp at Dec. by DC-PAM (red), NCEP (skt) (green)

0.2.6 Monthly mean longitude-latitude distribution

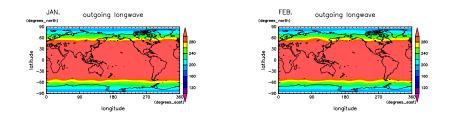


Figure 121: OLR at Jan. by DCPAM $\,$ Figure 124: OLR at Feb. by DCPAM $\,$

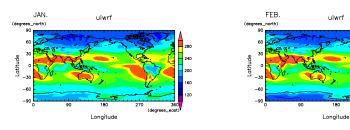


Figure 122: OLR at Jan. by NCEP

Figure 125: OLR at Feb. by NCEP

60 20

(degrees_

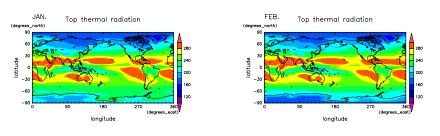


Figure 123: OLR at Jan. by ECMWF $\,$ Figure 126: OLR at Feb. by ECMWF $\,$

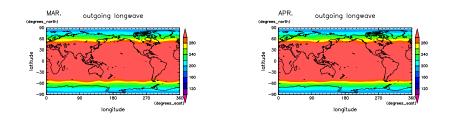


Figure 127: OLR at Mar. by DCPAM Figure 130: OLR at Apr. by DCPAM

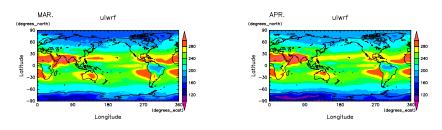


Figure 128: OLR at Mar. by NCEP

Figure 131: OLR at Apr. by NCEP

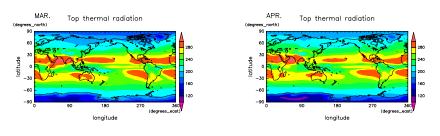


Figure 129: OLR at Mar. by ECMWF $\,$ Figure 132: OLR at Apr. by ECMWF $\,$

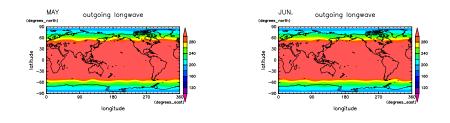
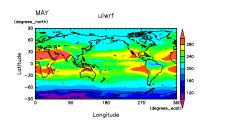


Figure 133: OLR at May by DCPAM Figure 136: OLR at Jun. by DCPAM



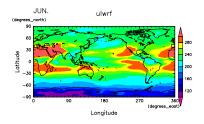


Figure 134: OLR at May by NCEP



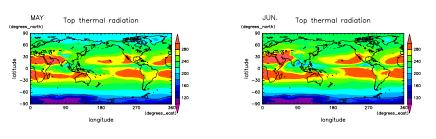


Figure 135: OLR at May by ECMWF $\,$ Figure 138: OLR at Jun. by ECMWF $\,$

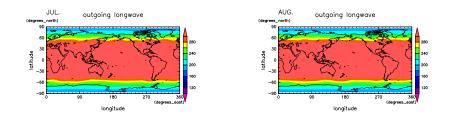
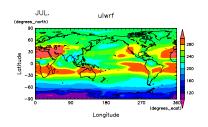


Figure 139: OLR at Jul. by DCPAM Figure 142: OLR at Aug. by DCPAM



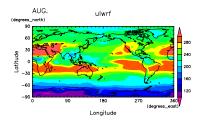


Figure 140: OLR at Jul. by NCEP

Figure 143: OLR at Aug. by NCEP

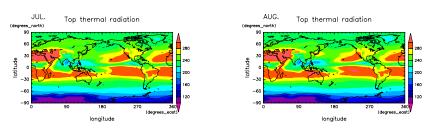


Figure 141: OLR at Jul. by ECMWF $\,$ Figure 144: OLR at Aug. by ECMWF $\,$

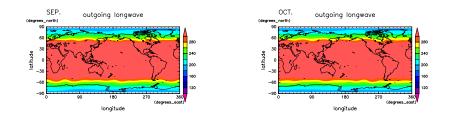
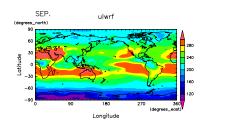


Figure 145: OLR at Sep. by DCPAM Figure 148: OLR at Oct. by DCPAM



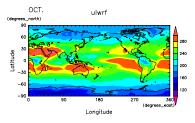


Figure 146: OLR at Sep. by NCEP

Figure 149: OLR at Oct. by NCEP

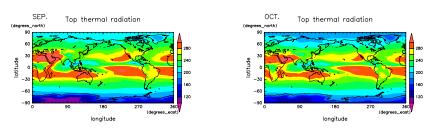


Figure 147: OLR at Sep. by ECMWF Figure 150: OLR at Oct. by ECMWF

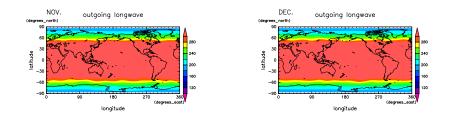


Figure 151: OLR at Nov. by DCPAM Figure 154: OLR at Dec. by DCPAM

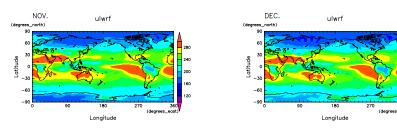


Figure 152: OLR at Nov. by NCEP

Figure 155: OLR at Dec. by NCEP

60 20

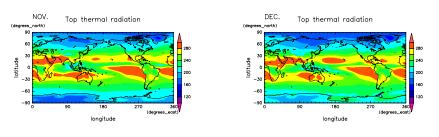


Figure 153: OLR at Nov. by ECMWF $\,$ Figure 156: OLR at Dec. by ECMWF $\,$

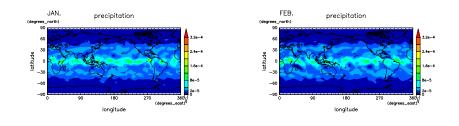


Figure 157: Rain at Jan. by DCPAM Figure 160: Rain at Feb. by DCPAM

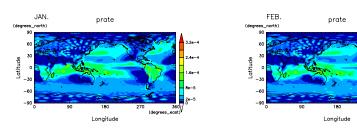
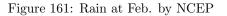


Figure 158: Rain at Jan. by NCEP



2e-5

360 (degrees_east)

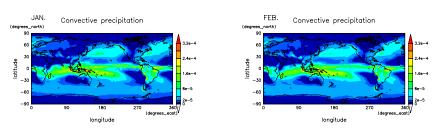


Figure 159: Rain at Jan. by ECMWF Figure 162: Rain at Feb. by ECMWF

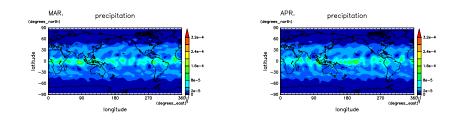


Figure 163: Rain at Mar. by DCPAM Figure 166: Rain at Apr. by DCPAM

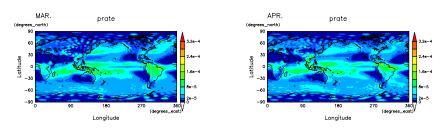


Figure 164: Rain at Mar. by NCEP

Figure 167: Rain at Apr. by NCEP

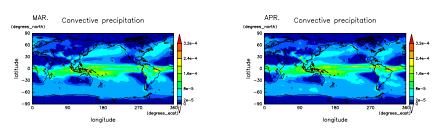


Figure 165: Rain at Mar. by ECMWF $\,$ Figure 168: Rain at Apr. by ECMWF $\,$

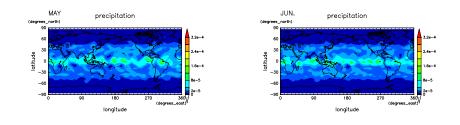


Figure 169: Rain at May by DCPAM Figure 172: Rain at Jun. by DCPAM

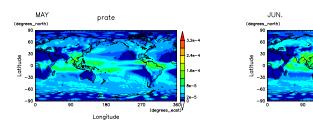
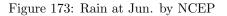


Figure 170: Rain at May by NCEP



Longitude

e-5

360\/ (degrees_east)

prate

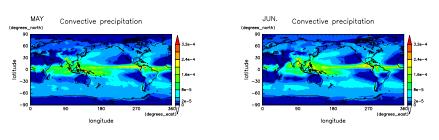


Figure 171: Rain at May by ECMWF Figure 174: Rain at Jun. by ECMWF

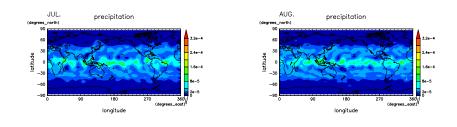
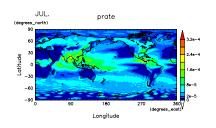


Figure 175: Rain at Jul. by DCPAM Figure 178: Rain at Aug. by DCPAM



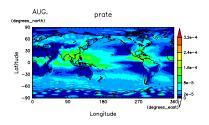


Figure 176: Rain at Jul. by NCEP

Figure 179: Rain at Aug. by NCEP

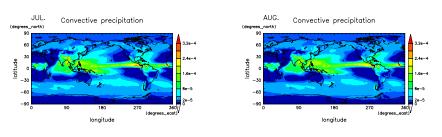


Figure 177: Rain at Jul. by ECMWF Figure 180: Rain at Aug. by ECMWF

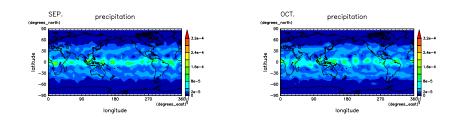


Figure 181: Rain at Sep. by DCPAM Figure 184: Rain at Oct. by DCPAM

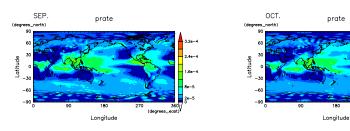
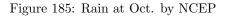


Figure 182: Rain at Sep. by NCEP



2e-5

(degrees_east)

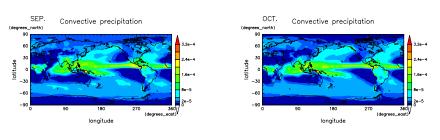


Figure 183: Rain at Sep. by ECMWF Figure 186: Rain at Oct. by ECMWF

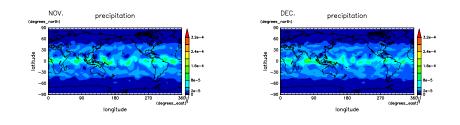


Figure 187: Rain at Nov. by DCPAM Figure 190: Rain at Dec. by DCPAM

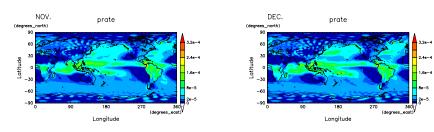


Figure 188: Rain at Nov. by NCEP



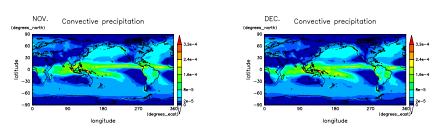
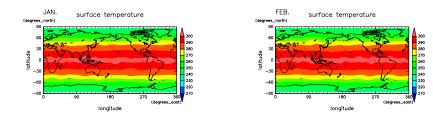


Figure 189: Rain at Nov. by ECMWF $\,$ Figure 192: Rain at Dec. by ECMWF $\,$



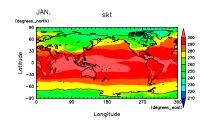


Figure 193: SurfTemp at Jan. by DC- $$\rm Figure$ 195: SurfTemp at Feb. by DC- PAM $$\rm PAM$$

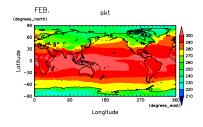


Figure 194: skt at Jan. by NCEP

Figure 196: skt at Feb. by NCEP

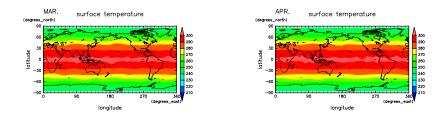


Figure 197: SurfTemp at Mar. by DC-PAM $\,$

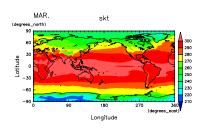


Figure 198: skt at Mar. by NCEP

Figure 199: SurfTemp at Apr. by DC-PAM

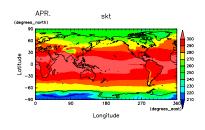


Figure 200: skt at Apr. by NCEP

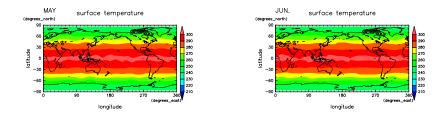


Figure 201: SurfTemp at May by DC-PAM $\,$

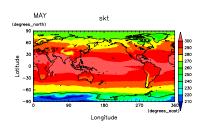


Figure 202: skt at May by NCEP $\,$

Figure 203: SurfTemp at Jun. by DC-PAM $\,$

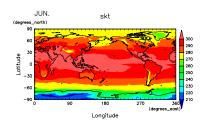


Figure 204: skt at Jun. by NCEP

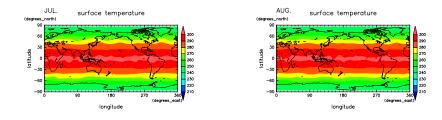


Figure 205: SurfTemp at Jul. by DC-PAM $\,$

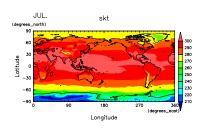


Figure 206: skt at Jul. by NCEP

Figure 207: SurfTemp at Aug. by DC-PAM $\,$

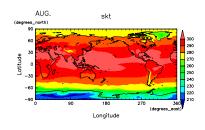


Figure 208: skt at Aug. by NCEP

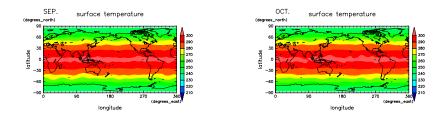


Figure 209: SurfTemp at Sep. by DC-PAM $\,$



skt

OCT.

- Latitude

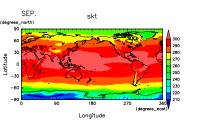


Figure 210: skt at Sep. by NCEP

Figure 212: skt at Oct. by NCEP

Longitude

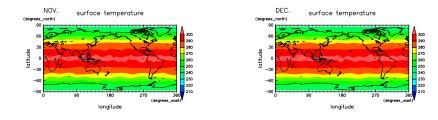


Figure 213: SurfTemp at Nov. by DC-PAM $\,$

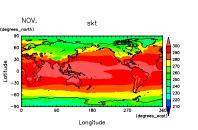


Figure 215: SurfTemp at Dec. by DC-PAM $\,$

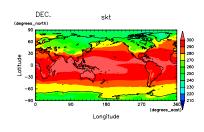
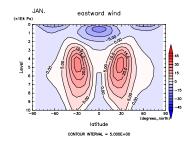


Figure 214: skt at Nov. by NCEP

Figure 216: skt at Dec. by NCEP

0.2.7 Monthly mean latitude-pressure (linear) distribution



(stel 4 p) (stel

eastward wind

FEB.

Figure 217: U at Jan. by DCPAM

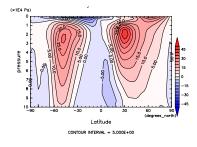


Figure 218: U at Jan. by NCEP

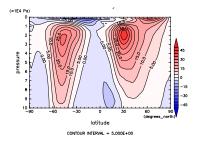


Figure 219: U at Jan. by ECMWF

Figure 220: U at Feb. by DCPAM

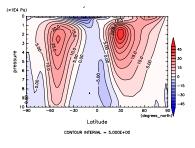


Figure 221: U at Feb. by NCEP

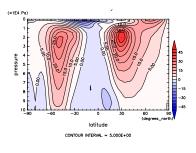
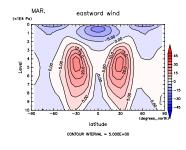


Figure 222: U at Feb. by ECMWF



(×1E4 P Fevel a latitude INTERVAL = 5.000E+00 CONTO

eastward wind

APR.

Figure 223: U at Mar. by DCPAM

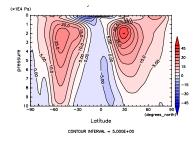


Figure 224: U at Mar. by NCEP

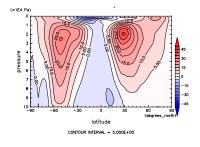


Figure 225: U at Mar. by ECMWF

Figure 226: U at Apr. by DCPAM

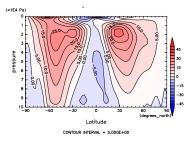


Figure 227: U at Apr. by NCEP

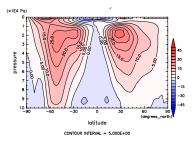
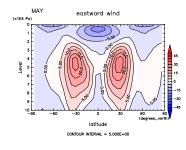


Figure 228: U at Apr. by ECMWF



JUV. estward wind

Figure 229: U at May by DCPAM

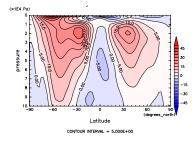


Figure 230: U at May by NCEP

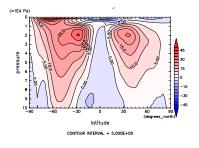


Figure 231: U at May by ECMWF

Figure 232: U at Jun. by DCPAM

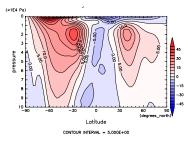


Figure 233: U at Jun. by NCEP

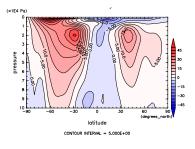
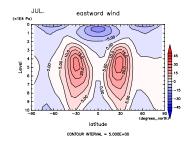


Figure 234: U at Jun. by ECMWF



utilude CONTOUR INTERNAL = 3.000E+0

eastward wind

AUG.

(×1E4 Pe

Figure 235: U at Jul. by DCPAM

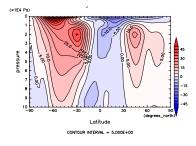


Figure 236: U at Jul. by NCEP

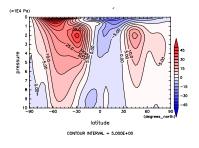


Figure 237: U at Jul. by ECMWF

Figure 238: U at Aug. by DCPAM

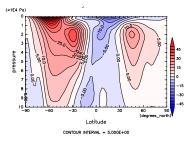


Figure 239: U at Aug. by NCEP

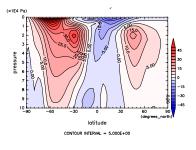
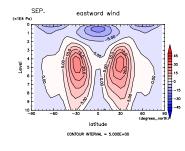


Figure 240: U at Aug. by ECMWF



OCT. estward wind

Figure 241: U at Sep. by DCPAM

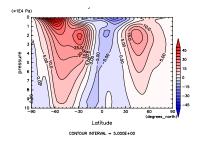


Figure 242: U at Sep. by NCEP

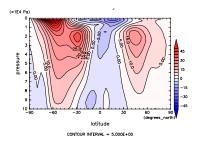


Figure 243: U at Sep. by ECMWF

Figure 244: U at Oct. by DCPAM

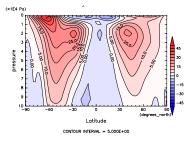


Figure 245: U at Oct. by NCEP

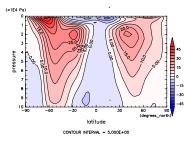
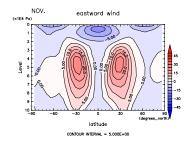


Figure 246: U at Oct. by ECMWF



DEC. estward wind

Figure 247: U at Nov. by DCPAM

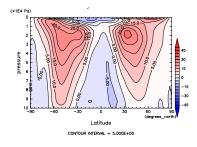


Figure 248: U at Nov. by NCEP

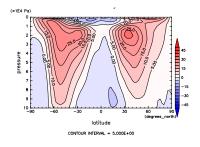


Figure 249: U at Nov. by ECMWF

Figure 250: U at Dec. by DCPAM

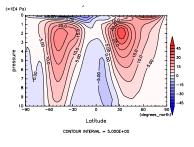


Figure 251: U at Dec. by NCEP

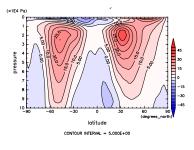
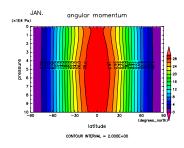


Figure 252: U at Dec. by ECMWF



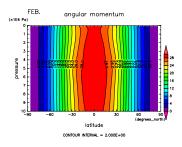


Figure 253: ANGMOM at Jan. by DCPAM

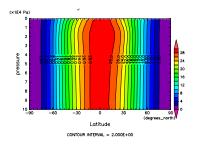
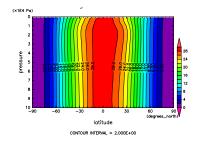


Figure 254: ANGMOM at Jan. by NCEP



ECMWF

Figure 256: ANGMOM at Feb. by DCPAM

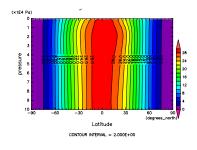


Figure 257: ANGMOM at Feb. by NCEP

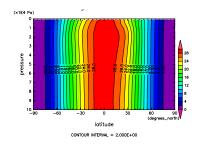
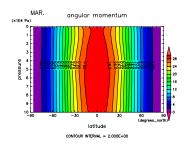


Figure 255: ANGMOM at Jan. by Figure 258: ANGMOM at Feb. by ECMWF



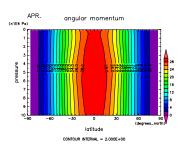


Figure 259: ANGMOM at Mar. by DCPAM

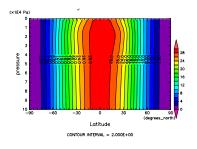
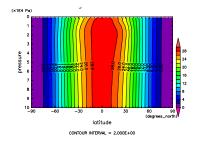


Figure 260: ANGMOM at Mar. by NCEP



ECMWF

Figure 262: ANGMOM at Apr. by DCPAM

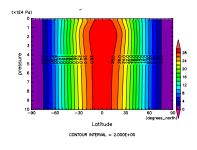


Figure 263: ANGMOM at Apr. by NCEP

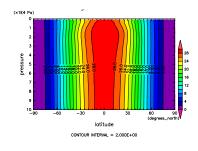
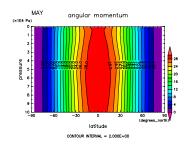


Figure 261: ANGMOM at Mar. by Figure 264: ANGMOM at Apr. by ECMWF



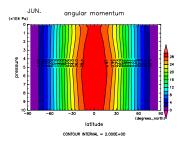


Figure 265: ANGMOM at May by DCPAM

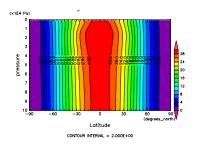
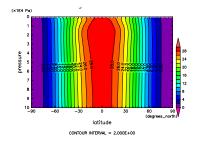


Figure 266: ANGMOM at May by NCEP



ECMWF

Figure 268: ANGMOM at Jun. by DCPAM

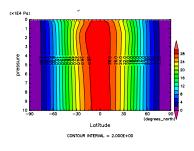


Figure 269: ANGMOM at Jun. by NCEP

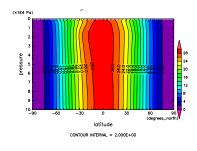
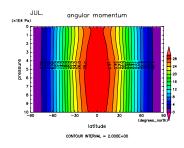


Figure 267: ANGMOM at May by Figure 270: ANGMOM at Jun. by ECMWF



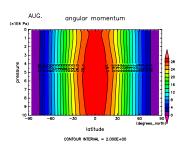
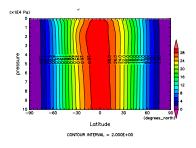
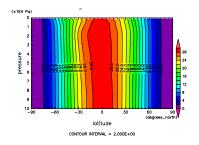


Figure 271: ANGMOM at Jul. by DCPAM



NCEP



ECMWF

Figure 274: ANGMOM at Aug. by DCPAM

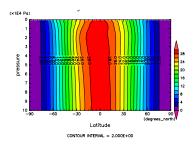


Figure 272: ANGMOM at Jul. by Figure 275: ANGMOM at Aug. by NCEP

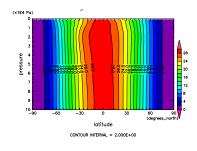
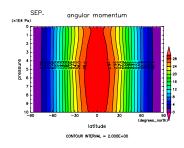


Figure 273: ANGMOM at Jul. by Figure 276: ANGMOM at Aug. by ECMWF



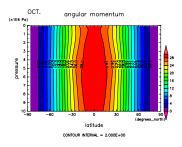


Figure 277: ANGMOM at Sep. by DCPAM

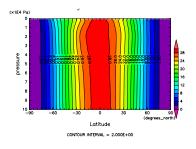
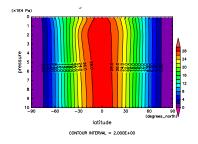


Figure 278: ANGMOM at Sep. by NCEP



ECMWF

Figure 280: ANGMOM at Oct. by DCPAM

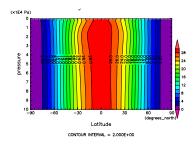


Figure 281: ANGMOM at Oct. by NCEP

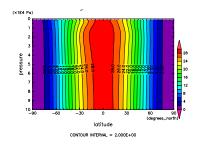
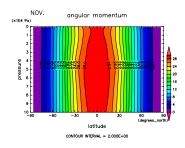


Figure 279: ANGMOM at Sep. by Figure 282: ANGMOM at Oct. by ECMWF



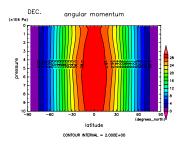


Figure 283: ANGMOM at Nov. by DCPAM

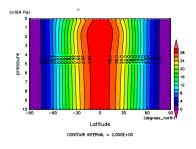
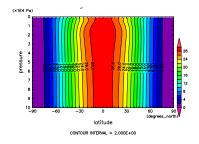


Figure 284: ANGMOM at Nov. by NCEP



ECMWF

Figure 286: ANGMOM at Dec. by DCPAM

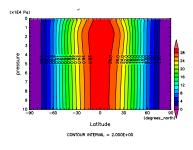


Figure 287: ANGMOM at Dec. by NCEP

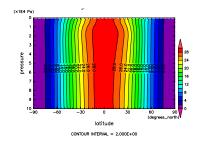
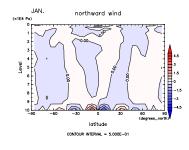


Figure 285: ANGMOM at Nov. by Figure 288: ANGMOM at Dec. by ECMWF



FEB. northward wind

Figure 289: V at Jan. by DCPAM

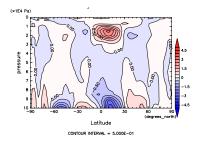


Figure 290: V at Jan. by NCEP

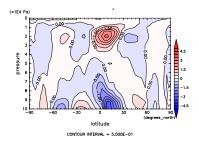


Figure 291: V at Jan. by ECMWF

Figure 292: V at Feb. by DCPAM

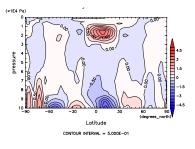


Figure 293: V at Feb. by NCEP

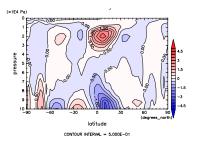
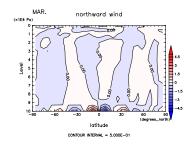


Figure 294: V at Feb. by ECMWF



APR. northward wind

Figure 295: V at Mar. by DCPAM $\,$

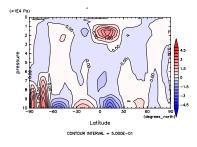


Figure 296: V at Mar. by NCEP

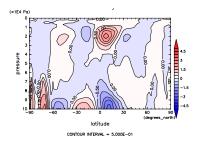


Figure 297: V at Mar. by ECMWF

Figure 298: V at Apr. by DCPAM

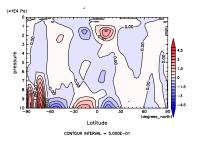


Figure 299: V at Apr. by NCEP

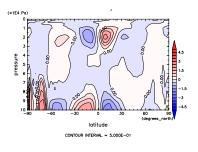
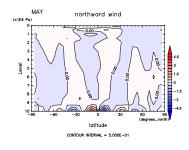


Figure 300: V at Apr. by ECMWF



JUN. northward wind

Figure 301: V at May by DCPAM

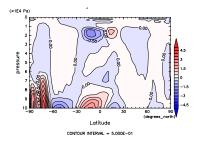


Figure 302: V at May by NCEP

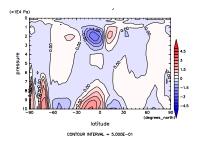


Figure 303: V at May by ECMWF

Figure 304: V at Jun. by DCPAM

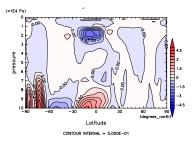


Figure 305: V at Jun. by NCEP $\,$

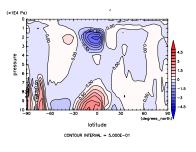
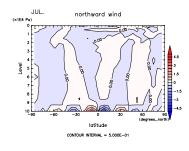


Figure 306: V at Jun. by ECMWF



AUG. northward wind

Figure 307: V at Jul. by DCPAM

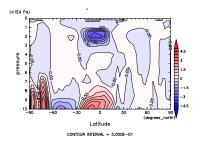


Figure 308: V at Jul. by NCEP

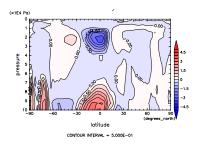


Figure 309: V at Jul. by ECMWF

Figure 310: V at Aug. by DCPAM

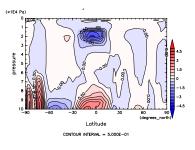


Figure 311: V at Aug. by NCEP

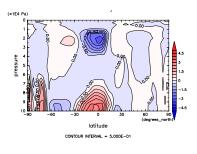
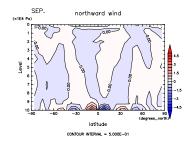


Figure 312: V at Aug. by ECMWF



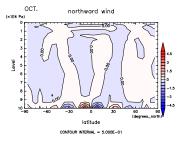


Figure 313: V at Sep. by DCPAM

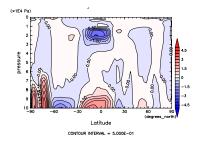


Figure 314: V at Sep. by NCEP

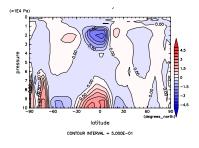


Figure 315: V at Sep. by ECMWF

Figure 316: V at Oct. by DCPAM

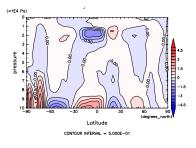


Figure 317: V at Oct. by NCEP

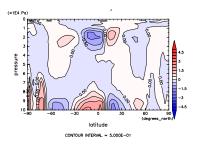
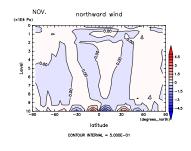


Figure 318: V at Oct. by ECMWF



DEC. northward wind

Figure 319: V at Nov. by DCPAM

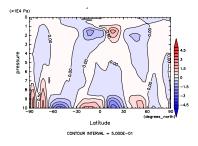


Figure 320: V at Nov. by NCEP

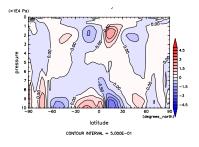


Figure 321: V at Nov. by ECMWF

Figure 322: V at Dec. by DCPAM

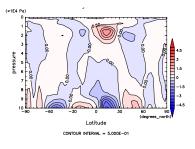


Figure 323: V at Dec. by NCEP

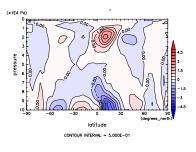


Figure 324: V at Dec. by ECMWF

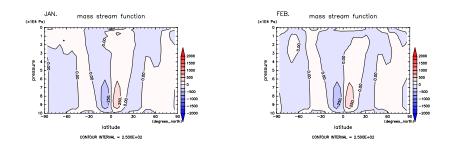


Figure 325: MSF at Jan. by DCPAM $\,$ Figure 328: MSF at Feb. by DCPAM $\,$

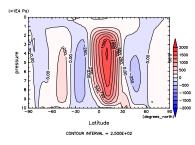


Figure 326: MSF at Jan. by NCEP

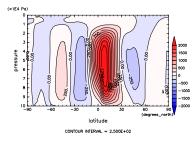


Figure 329: MSF at Feb. by NCEP

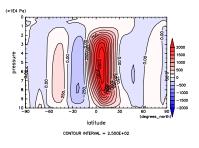


Figure 327: MSF at Jan. by ECMWF $\,$ Figure 330: MSF at Feb. by ECMWF $\,$

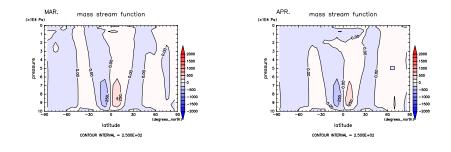
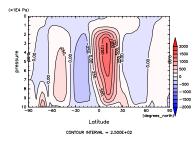


Figure 331: MSF at Mar. by DCPAM Figure 334: MSF at Apr. by DCPAM



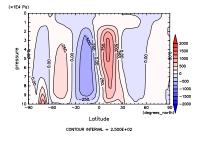


Figure 332: MSF at Mar. by NCEP

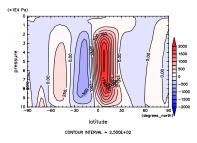


Figure 335: MSF at Apr. by NCEP

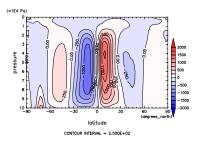


Figure 333: MSF at Mar. by ECMWF $\,$ Figure 336: MSF at Apr. by ECMWF $\,$

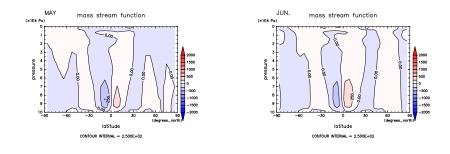
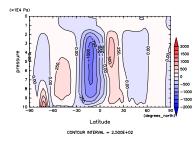


Figure 337: MSF at May by DCPAM $\,$ Figure 340: MSF at Jun. by DCPAM $\,$



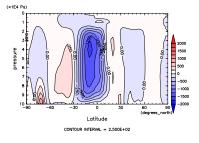


Figure 338: MSF at May by NCEP

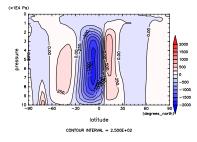


Figure 341: MSF at Jun. by NCEP

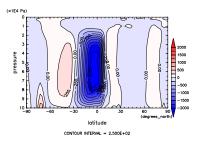
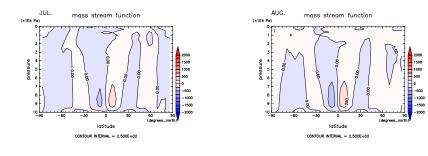
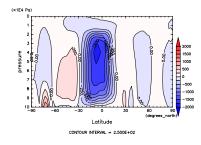


Figure 339: MSF at May by ECMWF $\,$ Figure 342: MSF at Jun. by ECMWF $\,$







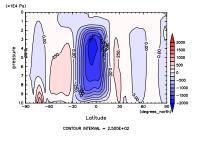


Figure 344: MSF at Jul. by NCEP

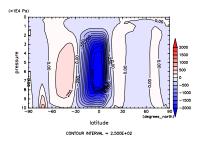


Figure 347: MSF at Aug. by NCEP

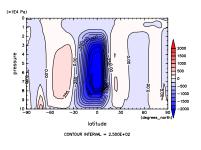


Figure 345: MSF at Jul. by ECMWF $\,$ Figure 348: MSF at Aug. by ECMWF $\,$

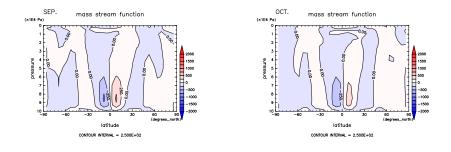
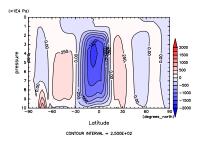


Figure 349: MSF at Sep. by DCPAM Figure 352: MSF at Oct. by DCPAM



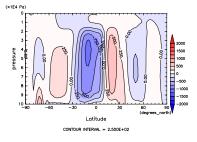


Figure 350: MSF at Sep. by NCEP

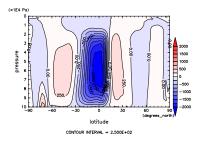


Figure 353: MSF at Oct. by NCEP

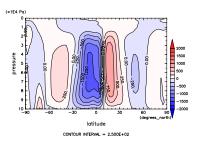


Figure 351: MSF at Sep. by ECMWF $\,$ Figure 354: MSF at Oct. by ECMWF $\,$

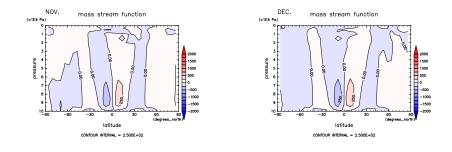


Figure 355: MSF at Nov. by DCPAM $\,$ Figure 358: MSF at Dec. by DCPAM $\,$

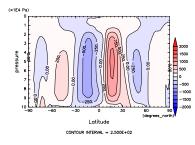


Figure 356: MSF at Nov. by NCEP

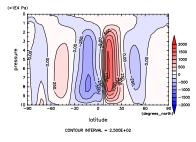


Figure 359: MSF at Dec. by NCEP

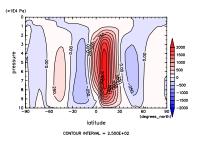
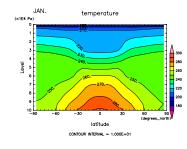


Figure 357: MSF at Nov. by ECMWF $\,$ Figure 360: MSF at Dec. by ECMWF $\,$



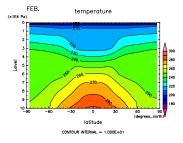


Figure 361: T at Jan. by DCPAM

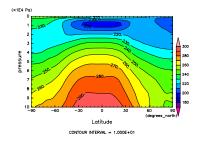


Figure 362: T at Jan. by NCEP

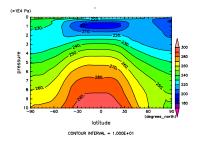


Figure 363: T at Jan. by ECMWF

Figure 364: T at Feb. by DCPAM

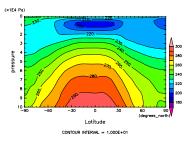


Figure 365: T at Feb. by NCEP

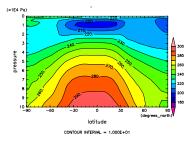
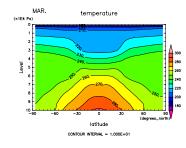


Figure 366: T at Feb. by ECMWF



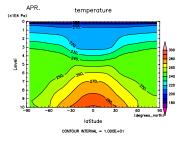


Figure 367: T at Mar. by DCPAM

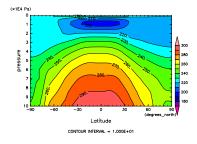


Figure 368: T at Mar. by NCEP

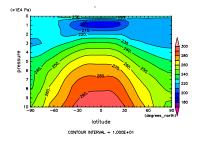


Figure 369: T at Mar. by ECMWF

Figure 370: T at Apr. by DCPAM

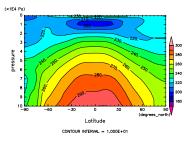


Figure 371: T at Apr. by NCEP

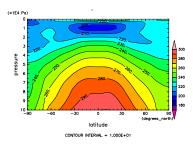
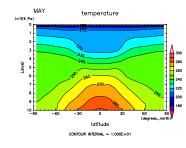


Figure 372: T at Apr. by ECMWF



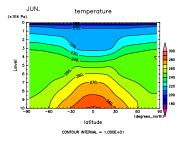


Figure 373: T at May by DCPAM

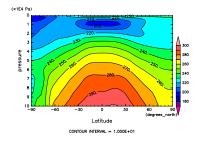


Figure 374: T at May by NCEP

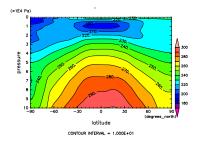


Figure 375: T at May by ECMWF

Figure 376: T at Jun. by DCPAM

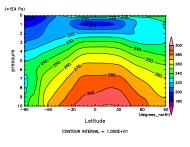


Figure 377: T at Jun. by NCEP

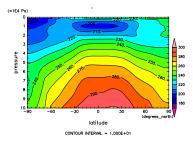
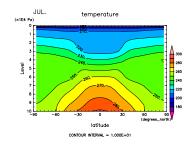


Figure 378: T at Jun. by ECMWF



AUG. temperature

Figure 379: T at Jul. by DCPAM

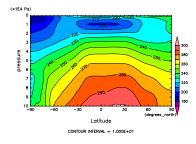


Figure 380: T at Jul. by NCEP

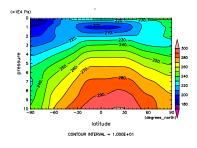


Figure 381: T at Jul. by ECMWF

Figure 382: T at Aug. by DCPAM

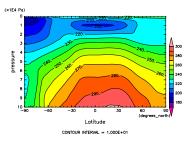


Figure 383: T at Aug. by NCEP

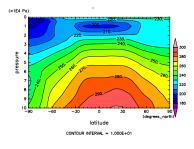
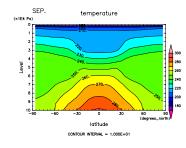


Figure 384: T at Aug. by ECMWF



OCT. temperature

Figure 385: T at Sep. by DCPAM

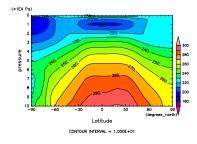


Figure 386: T at Sep. by NCEP

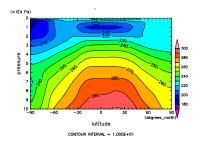


Figure 387: T at Sep. by ECMWF

Figure 388: T at Oct. by DCPAM

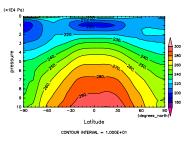


Figure 389: T at Oct. by NCEP

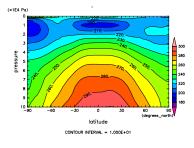
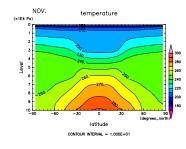


Figure 390: T at Oct. by ECMWF



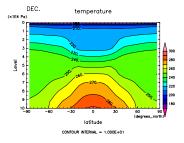


Figure 391: T at Nov. by DCPAM

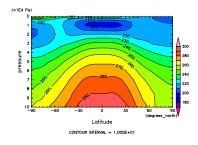


Figure 392: T at Nov. by NCEP

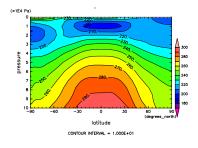


Figure 393: T at Nov. by ECMWF

Figure 394: T at Dec. by DCPAM

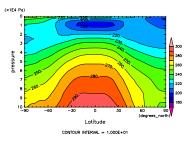


Figure 395: T at Dec. by NCEP

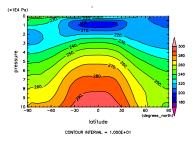
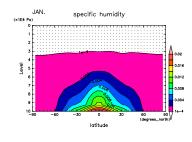


Figure 396: T at Dec. by ECMWF



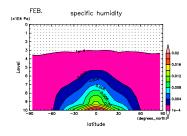


Figure 397: q at Jan. by DCPAM

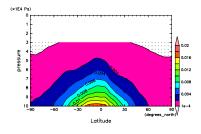


Figure 398: q at Jan. by NCEP

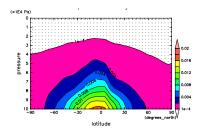


Figure 399: q at Jan. by ECMWF

Figure 400: q at Feb. by DCPAM

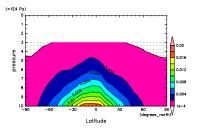


Figure 401: q at Feb. by NCEP

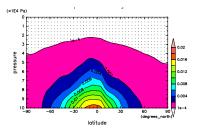
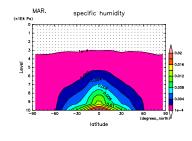


Figure 402: q at Feb. by ECMWF



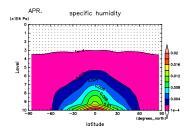


Figure 403: q at Mar. by DCPAM

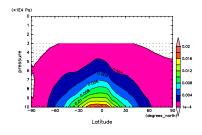


Figure 404: q at Mar. by NCEP

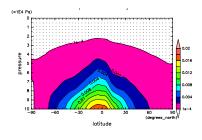


Figure 405: q at Mar. by ECMWF

Figure 406: q at Apr. by DCPAM

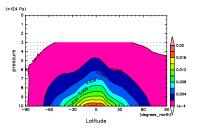


Figure 407: q at Apr. by NCEP

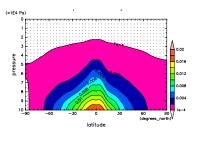
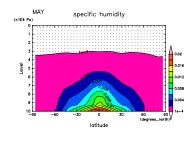


Figure 408: q at Apr. by ECMWF



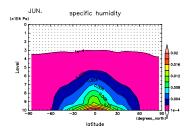


Figure 409: q at May by DCPAM

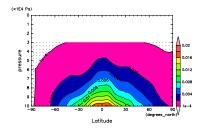


Figure 410: q at May by NCEP

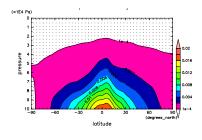


Figure 411: q at May by ECMWF

Figure 412: q at Jun. by DCPAM

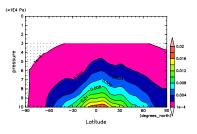


Figure 413: q at Jun. by NCEP

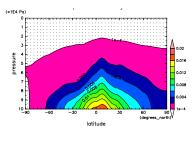
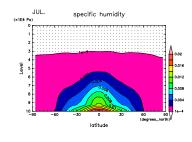


Figure 414: q at Jun. by ECMWF



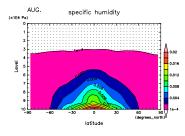


Figure 415: q at Jul. by DCPAM

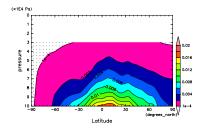


Figure 416: q at Jul. by NCEP

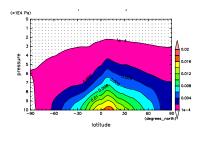


Figure 417: q at Jul. by ECMWF

Figure 418: q at Aug. by DCPAM

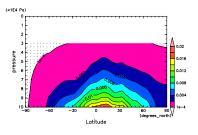


Figure 419: q at Aug. by NCEP

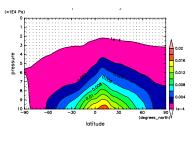
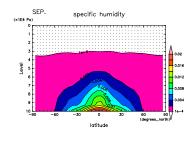


Figure 420: q at Aug. by ECMWF



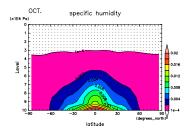


Figure 421: q at Sep. by DCPAM

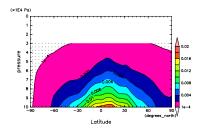


Figure 422: q at Sep. by NCEP

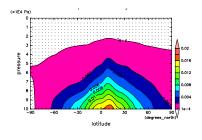


Figure 423: q at Sep. by ECMWF

Figure 424: q at Oct. by DCPAM

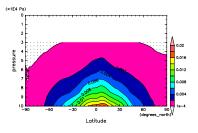


Figure 425: q at Oct. by NCEP

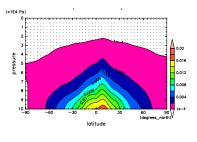
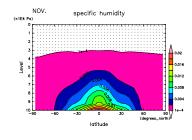


Figure 426: q at Oct. by ECMWF



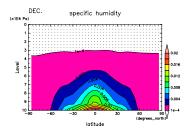


Figure 427: q at Nov. by DCPAM

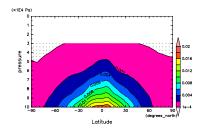


Figure 428: q at Nov. by NCEP

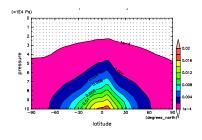


Figure 429: q at Nov. by ECMWF

Figure 430: q at Dec. by DCPAM

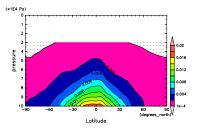


Figure 431: q at Dec. by NCEP

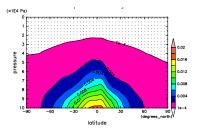
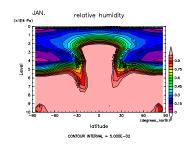


Figure 432: q at Dec. by ECMWF



FEB. relative humidity

Figure 433: RH at Jan. by DCPAM $\,$

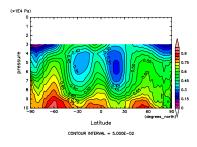


Figure 436: RH at Feb. by DCPAM

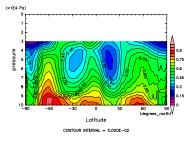


Figure 434: RH at Jan. by NCEP

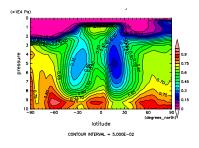


Figure 435: RH at Jan. by ECMWF

Figure 437: RH at Feb. by NCEP

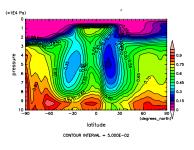
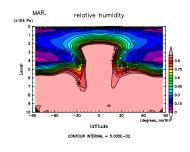


Figure 438: RH at Feb. by ECMWF



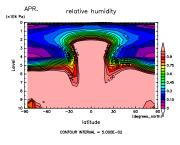


Figure 439: RH at Mar. by DCPAM $\,$

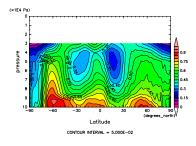


Figure 442: RH at Apr. by DCPAM

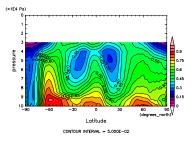


Figure 440: RH at Mar. by NCEP

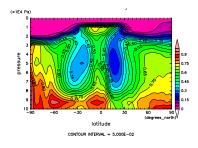


Figure 443: RH at Apr. by NCEP

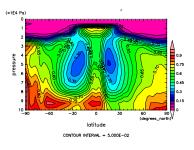
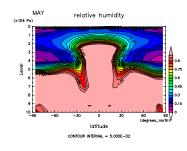


Figure 441: RH at Mar. by ECMWF Figure 444: RH at Apr. by ECMWF



JUN. relative humidity

Figure 445: RH at May by DCPAM

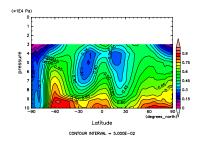


Figure 446: RH at May by NCEP

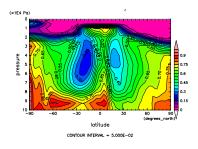


Figure 447: RH at May by ECMWF

Figure 448: RH at Jun. by DCPAM

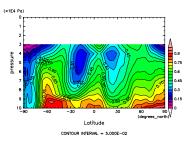


Figure 449: RH at Jun. by NCEP

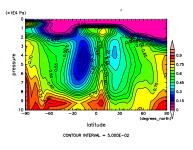
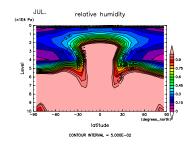


Figure 450: RH at Jun. by ECMWF



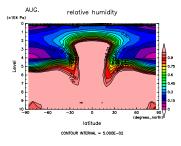


Figure 451: RH at Jul. by DCPAM

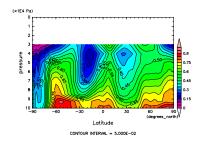


Figure 452: RH at Jul. by NCEP

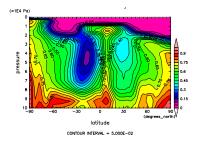


Figure 453: RH at Jul. by ECMWF

Figure 454: RH at Aug. by DCPAM

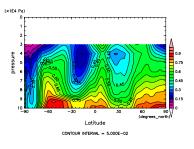


Figure 455: RH at Aug. by NCEP

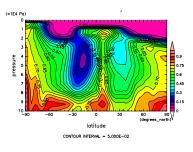
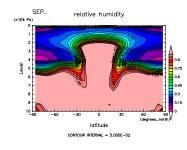


Figure 456: RH at Aug. by ECMWF



CCT. relative humidity

Figure 457: RH at Sep. by DCPAM

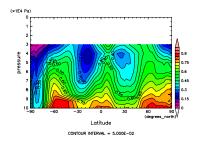


Figure 460: RH at Oct. by DCPAM

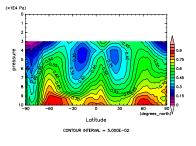


Figure 458: RH at Sep. by NCEP

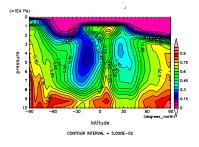


Figure 459: RH at Sep. by ECMWF

Figure 461: RH at Oct. by NCEP

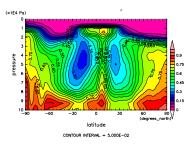
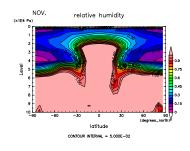


Figure 462: RH at Oct. by ECMWF



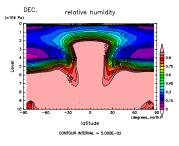


Figure 463: RH at Nov. by DCPAM

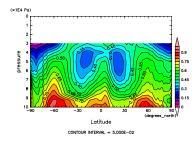


Figure 466: RH at Dec. by DCPAM

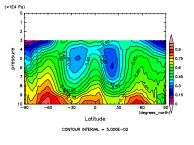


Figure 464: RH at Nov. by NCEP

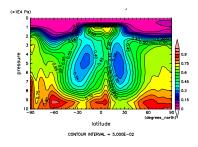


Figure 465: RH at Nov. by ECMWF

Figure 467: RH at Dec. by NCEP

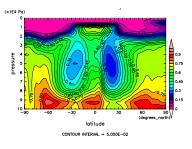
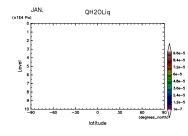


Figure 468: RH at Dec. by ECMWF



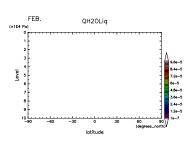
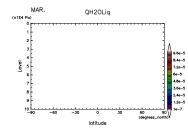


Figure 469: q_l at Jan. by DCPAM

Figure 470: q_l at Feb. by DCPAM



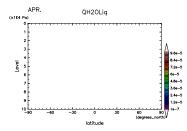
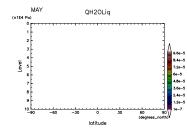


Figure 471: q_l at Mar. by DCPAM

Figure 472: q_l at Apr. by DCPAM



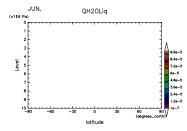
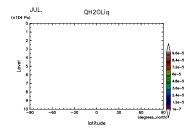


Figure 473: q_l at May by DCPAM

Figure 474: q_l at Jun. by DCPAM



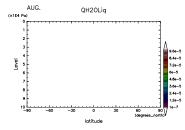
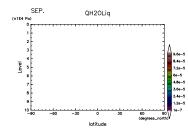


Figure 475: q_l at Jul. by DCPAM

Figure 476: q_l at Aug. by DCPAM



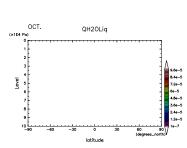
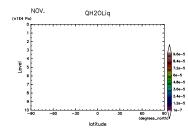


Figure 477: q_l at Sep. by DCPAM

Figure 478: q_l at Oct. by DCPAM



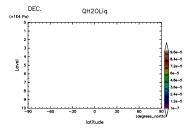
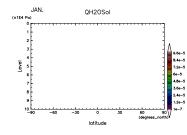


Figure 479: q_l at Nov. by DCPAM

Figure 480: q_l at Dec. by DCPAM



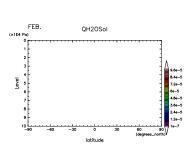
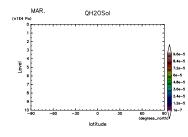


Figure 481: q_i at Jan. by DCPAM

Figure 482: q_i at Feb. by DCPAM



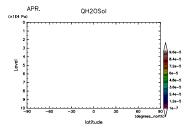
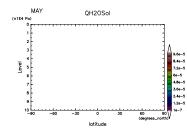


Figure 483: q_i at Mar. by DCPAM

Figure 484: q_i at Apr. by DCPAM



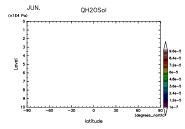
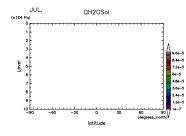


Figure 485: q_i at May by DCPAM

Figure 486: q_i at Jun. by DCPAM



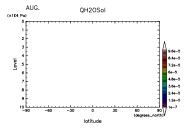
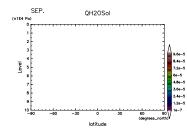


Figure 487: q_i at Jul. by DCPAM

Figure 488: q_i at Aug. by DCPAM



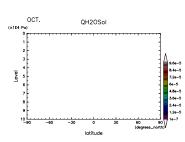
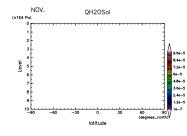


Figure 489: q_i at Sep. by DCPAM

Figure 490: q_i at Oct. by DCPAM



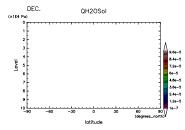


Figure 491: q_i at Nov. by DCPAM

Figure 492: q_i at Dec. by DCPAM

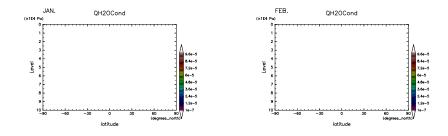


Figure 493: $q_l\!+\!q_i$ at Jan. by DCPAM $\,$ Figure 494: $q_l\!+\!q_i$ at Feb. by DCPAM $\,$

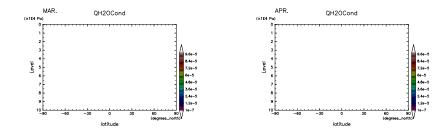


Figure 495: $q_l\!+\!q_i$ at Mar. by DCPAM $\,$ Figure 496: $q_l\!+\!q_i$ at Apr. by DCPAM $\,$

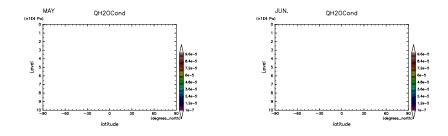


Figure 497: $q_l + q_i$ at May by DCPAM $\,$ Figure 498: $q_l + q_i$ at Jun. by DCPAM $\,$

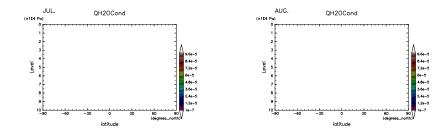


Figure 499: $q_l + q_i$ at Jul. by DCPAM $\,$ Figure 500: $q_l + q_i$ at Aug. by DCPAM $\,$

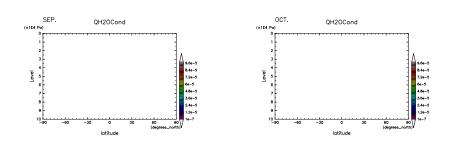


Figure 501: $q_l + q_i$ at Sep. by DCPAM $\,$ Figure 502: $q_l + q_i$ at Oct. by DCPAM $\,$

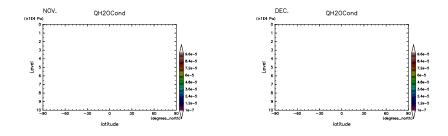


Figure 503: $q_l + q_i$ at Nov. by DCPAM Figure 504: $q_l + q_i$ at Dec. by DCPAM

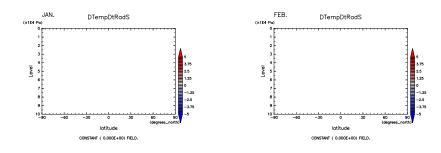


Figure 505: $(\partial T/\partial t)_{SW}$ at Jan. by Figure 506: $(\partial T/\partial t)_{SW}$ at Feb. by DCPAM DCPAM

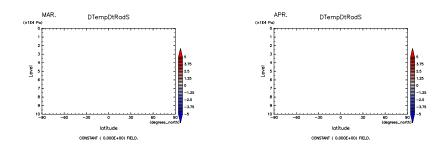


Figure 507: $(\partial T/\partial t)_{SW}$ at Mar. by Figure 508: $(\partial T/\partial t)_{SW}$ at Apr. by DCPAM DCPAM

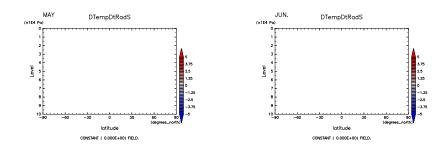


Figure 509: $(\partial T/\partial t)_{SW}$ at May by Figure 510: $(\partial T/\partial t)_{SW}$ at Jun. by DCPAM DCPAM

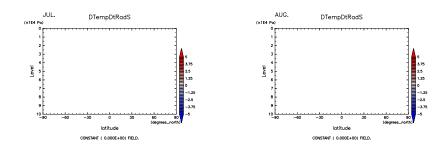


Figure 511: $(\partial T/\partial t)_{SW}$ at Jul. by Figure 512: $(\partial T/\partial t)_{SW}$ at Aug. by DCPAM DCPAM

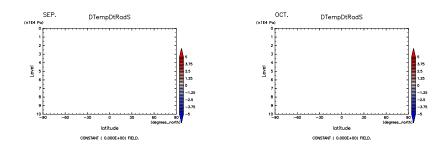


Figure 513: $(\partial T/\partial t)_{SW}$ at Sep. by Figure 514: $(\partial T/\partial t)_{SW}$ at Oct. by DCPAM DCPAM

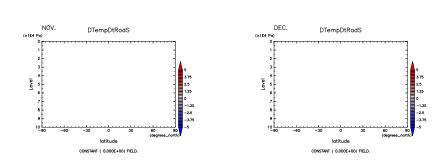


Figure 515: $(\partial T/\partial t)_{SW}$ at Nov. by Figure 516: $(\partial T/\partial t)_{SW}$ at Dec. by DCPAM DCPAM

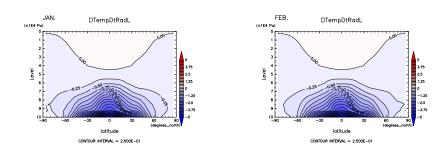


Figure 517: $(\partial T/\partial t)_{LW}$ at Jan. by Figure 518: $(\partial T/\partial t)_{LW}$ at Feb. by DCPAM DCPAM

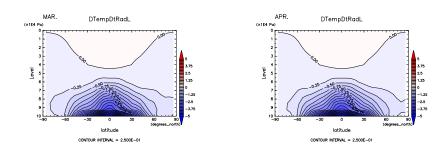


Figure 519: $(\partial T/\partial t)_{LW}$ at Mar. by Figure 520: $(\partial T/\partial t)_{LW}$ at Apr. by DCPAM DCPAM

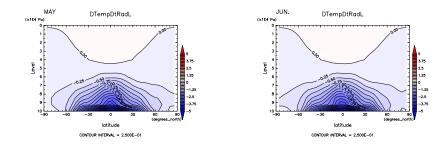


Figure 521: $(\partial T/\partial t)_{LW}$ at May by Figure 522: $(\partial T/\partial t)_{LW}$ at Jun. by DCPAM DCPAM

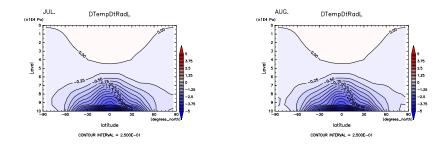


Figure 523: $(\partial T/\partial t)_{LW}$ at Jul. by Figure 524: $(\partial T/\partial t)_{LW}$ at Aug. by DCPAM DCPAM

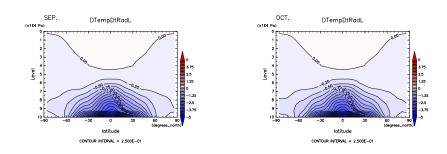


Figure 525: $(\partial T/\partial t)_{LW}$ at Sep. by Figure 526: $(\partial T/\partial t)_{LW}$ at Oct. by DCPAM DCPAM

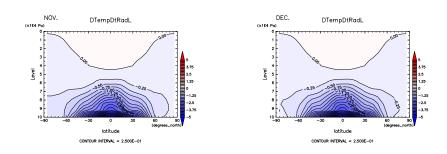


Figure 527: $(\partial T/\partial t)_{LW}$ at Nov. by Figure 528: $(\partial T/\partial t)_{LW}$ at Dec. by DCPAM DCPAM

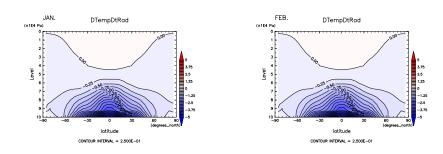


Figure 529: $(\partial T/\partial t)_{SW+LW}$ at Jan. Figure 530: $(\partial T/\partial t)_{SW+LW}$ at Feb. by DCPAM by DCPAM

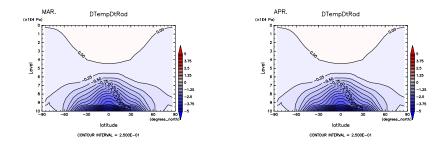


Figure 531: $(\partial T/\partial t)_{SW+LW}$ at Mar. Figure 532: $(\partial T/\partial t)_{SW+LW}$ at Apr. by DCPAM by DCPAM

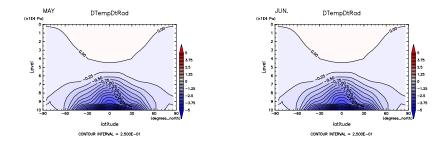


Figure 533: $(\partial T/\partial t)_{SW+LW}$ at May Figure 534: $(\partial T/\partial t)_{SW+LW}$ at Jun. by DCPAM by DCPAM

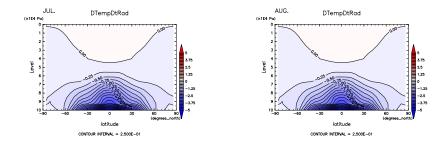


Figure 535: $(\partial T/\partial t)_{SW+LW}$ at Jul. Figure 536: $(\partial T/\partial t)_{SW+LW}$ at Aug. by DCPAM by DCPAM

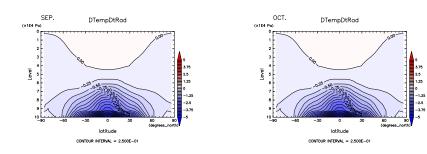


Figure 537: $(\partial T/\partial t)_{SW+LW}$ at Sep. Figure 538: $(\partial T/\partial t)_{SW+LW}$ at Oct. by DCPAM by DCPAM

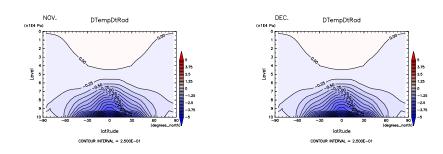
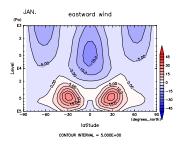


Figure 539: $(\partial T/\partial t)_{SW+LW}$ at Nov. Figure 540: $(\partial T/\partial t)_{SW+LW}$ at Dec. by DCPAM by DCPAM

0.2.8 Monthly mean latitude-pressure (logarithmic) distribution



FEB. estward wind the set of the

Figure 541: U at Jan. by DCPAM

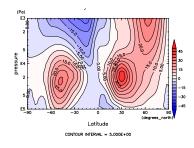


Figure 542: U at Jan. by NCEP

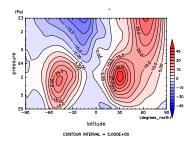


Figure 543: U at Jan. by ECMWF

Figure 544: U at Feb. by DCPAM

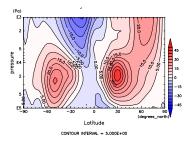


Figure 545: U at Feb. by NCEP

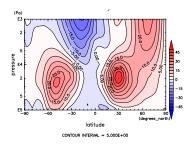
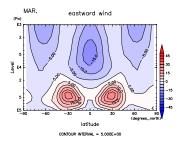


Figure 546: U at Feb. by ECMWF



APR. estward wind

Figure 547: U at Mar. by DCPAM

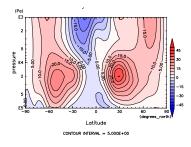


Figure 548: U at Mar. by NCEP

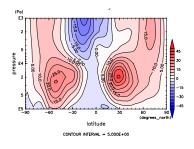


Figure 549: U at Mar. by ECMWF

Figure 550: U at Apr. by DCPAM

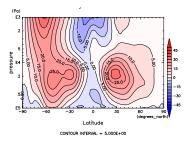


Figure 551: U at Apr. by NCEP

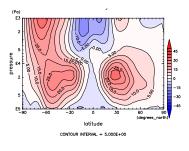


Figure 552: U at Apr. by ECMWF

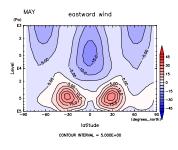


Figure 553: U at May by DCPAM

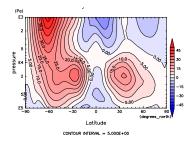


Figure 554: U at May by NCEP

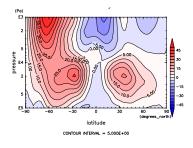


Figure 555: U at May by ECMWF

Figure 556: U at Jun. by DCPAM

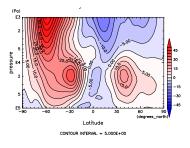


Figure 557: U at Jun. by NCEP

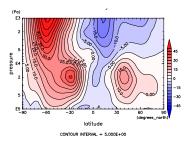
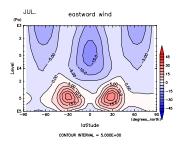


Figure 558: U at Jun. by ECMWF



AUG. estword wind the estword

Figure 559: U at Jul. by DCPAM

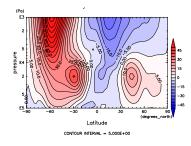


Figure 560: U at Jul. by NCEP

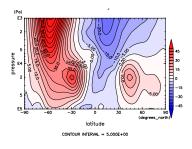


Figure 561: U at Jul. by ECMWF

Figure 562: U at Aug. by DCPAM

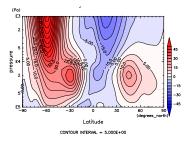


Figure 563: U at Aug. by NCEP

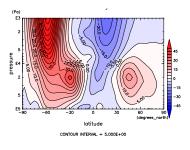
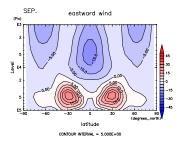


Figure 564: U at Aug. by ECMWF



OCT. eastward wind

Figure 565: U at Sep. by DCPAM

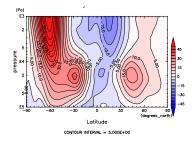


Figure 566: U at Sep. by NCEP

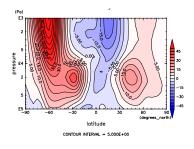


Figure 567: U at Sep. by ECMWF

Figure 568: U at Oct. by DCPAM

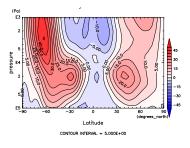


Figure 569: U at Oct. by NCEP

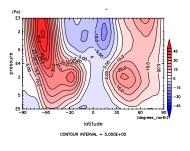


Figure 570: U at Oct. by ECMWF

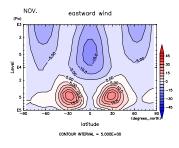


Figure 571: U at Nov. by DCPAM

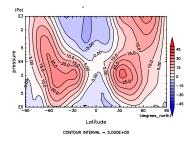


Figure 572: U at Nov. by NCEP

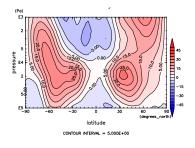


Figure 573: U at Nov. by ECMWF

Figure 574: U at Dec. by DCPAM

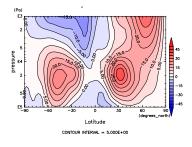


Figure 575: U at Dec. by NCEP

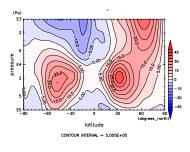
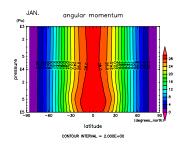


Figure 576: U at Dec. by ECMWF



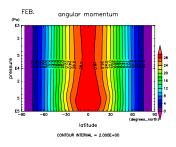


Figure 577: ANGMOM at Jan. by Figure 580: ANGMOM at Feb. by DCPAM

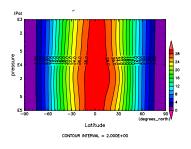
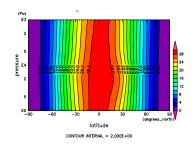
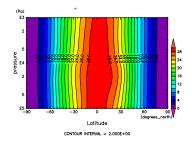


Figure 578: ANGMOM at Jan. by Figure 581: ANGMOM at Feb. by NCEP



ECMWF

DCPAM



NCEP

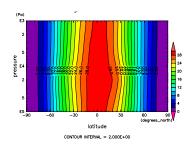
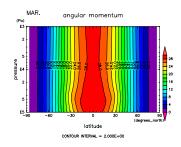


Figure 579: ANGMOM at Jan. by Figure 582: ANGMOM at Feb. by ECMWF



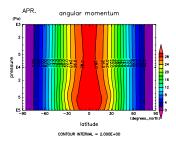


Figure 583: ANGMOM at Mar. by Figure 586: ANGMOM at Apr. by DCPAM

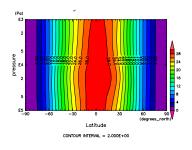
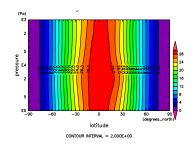


Figure 584: ANGMOM at Mar. by NCEP



ECMWF

DCPAM

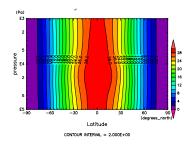


Figure 587: ANGMOM at Apr. by NCEP

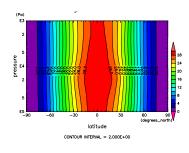
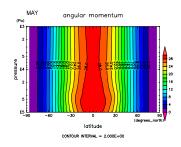


Figure 585: ANGMOM at Mar. by Figure 588: ANGMOM at Apr. by ECMWF



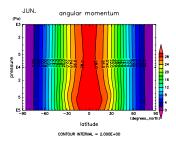
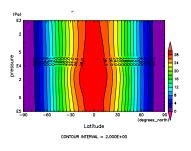


Figure 589: ANGMOM at May by Figure 592: ANGMOM at Jun. by DCPAM



DCPAM

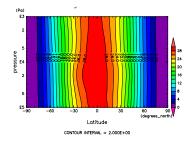
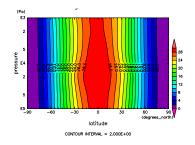


Figure 590: ANGMOM at May by NCEP



ECMWF

Figure 593: ANGMOM at Jun. by NCEP

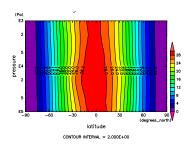
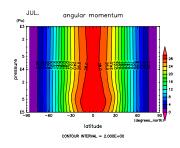
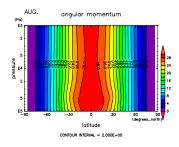


Figure 591: ANGMOM at May by Figure 594: ANGMOM at Jun. by ECMWF





DCPAM

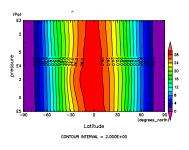
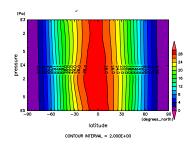
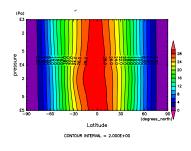


Figure 596: ANGMOM at Jul. by Figure 599: ANGMOM at Aug. by NCEP



ECMWF

Figure 595: ANGMOM at Jul. by Figure 598: ANGMOM at Aug. by DCPAM



NCEP

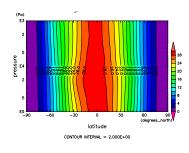
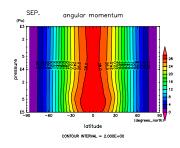


Figure 597: ANGMOM at Jul. by Figure 600: ANGMOM at Aug. by ECMWF



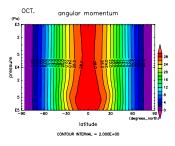


Figure 601: ANGMOM at Sep. by DCPAM

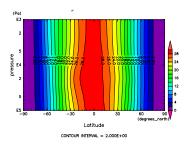
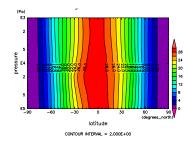


Figure 602: ANGMOM at Sep. by NCEP



ECMWF

Figure 604: ANGMOM at Oct. by DCPAM

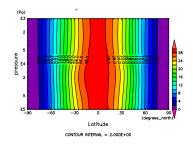


Figure 605: ANGMOM at Oct. by NCEP

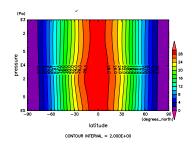
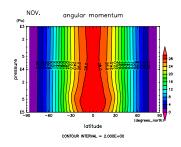


Figure 603: ANGMOM at Sep. by Figure 606: ANGMOM at Oct. by ECMWF



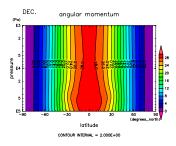


Figure 607: ANGMOM at Nov. by Figure 610: ANGMOM at Dec. by DCPAM

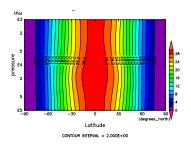
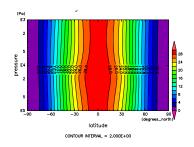


Figure 608: ANGMOM at Nov. by NCEP



ECMWF

DCPAM

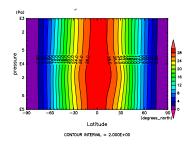


Figure 611: ANGMOM at Dec. by NCEP

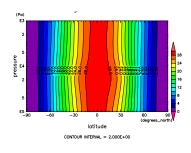
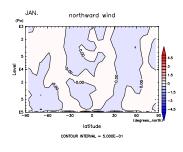


Figure 609: ANGMOM at Nov. by Figure 612: ANGMOM at Dec. by ECMWF



FEB. orthward wind

Figure 613: V at Jan. by DCPAM

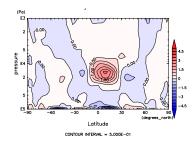


Figure 614: V at Jan. by NCEP

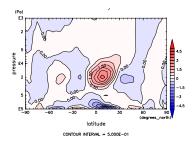


Figure 615: V at Jan. by ECMWF

Figure 616: V at Feb. by DCPAM

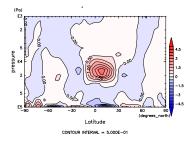


Figure 617: V at Feb. by NCEP

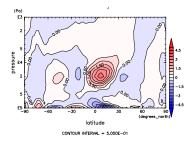


Figure 618: V at Feb. by ECMWF

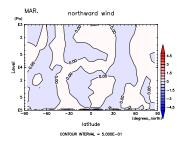


Figure 619: V at Mar. by DCPAM

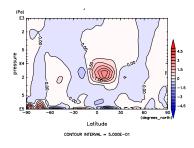


Figure 620: V at Mar. by NCEP $\,$

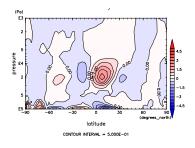


Figure 621: V at Mar. by ECMWF

Figure 622: V at Apr. by DCPAM

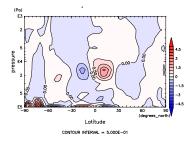


Figure 623: V at Apr. by NCEP $\,$

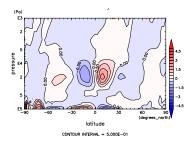
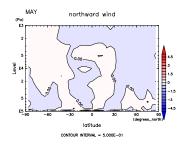


Figure 624: V at Apr. by ECMWF



JUN. northward wind

Figure 625: V at May by DCPAM

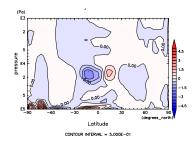


Figure 626: V at May by NCEP

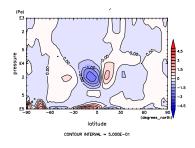


Figure 627: V at May by ECMWF



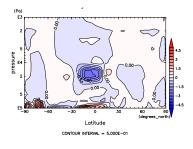


Figure 629: V at Jun. by NCEP

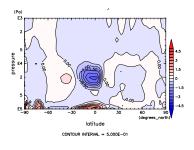
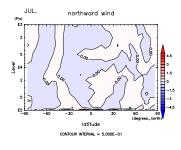


Figure 630: V at Jun. by ECMWF



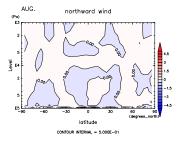


Figure 631: V at Jul. by DCPAM

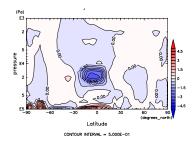


Figure 632: V at Jul. by NCEP

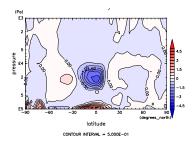


Figure 633: V at Jul. by ECMWF

Figure 634: V at Aug. by DCPAM

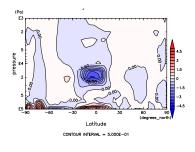


Figure 635: V at Aug. by NCEP

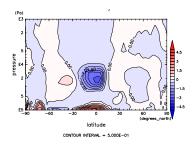
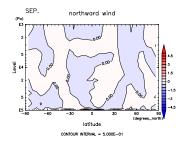


Figure 636: V at Aug. by ECMWF



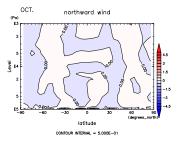


Figure 637: V at Sep. by DCPAM

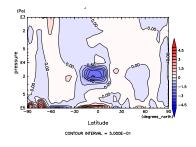


Figure 638: V at Sep. by NCEP $\,$

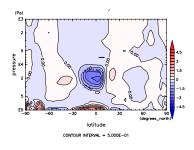


Figure 639: V at Sep. by ECMWF

Figure 640: V at Oct. by DCPAM

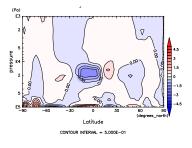


Figure 641: V at Oct. by NCEP

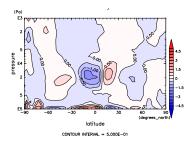
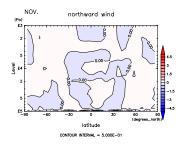


Figure 642: V at Oct. by ECMWF



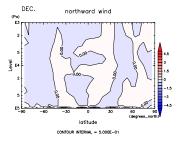


Figure 643: V at Nov. by DCPAM

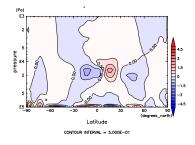


Figure 644: V at Nov. by NCEP

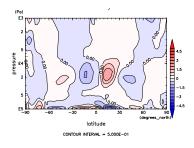


Figure 645: V at Nov. by ECMWF

Figure 646: V at Dec. by DCPAM

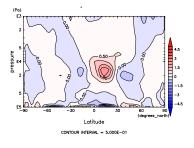


Figure 647: V at Dec. by NCEP $\,$

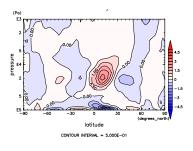


Figure 648: V at Dec. by ECMWF

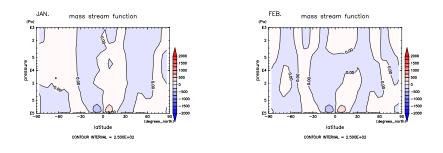


Figure 649: MSF at Jan. by DCPAM $\,$ Figure 652: MSF at Feb. by DCPAM $\,$

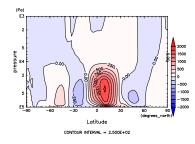


Figure 650: MSF at Jan. by NCEP

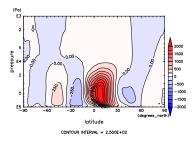


Figure 653: MSF at Feb. by NCEP

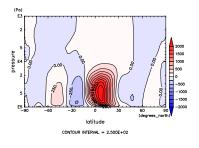


Figure 651: MSF at Jan. by ECMWF $\,$ Figure 654: MSF at Feb. by ECMWF $\,$

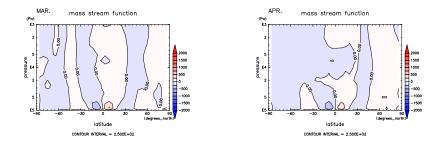
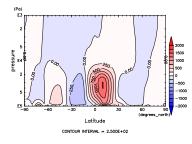


Figure 655: MSF at Mar. by DCPAM $\,$ Figure 658: MSF at Apr. by DCPAM $\,$



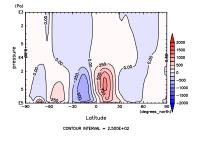


Figure 656: MSF at Mar. by NCEP

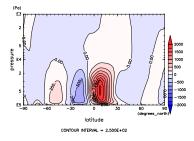


Figure 659: MSF at Apr. by NCEP

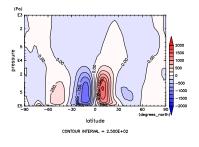


Figure 657: MSF at Mar. by ECMWF $\,$ Figure 660: MSF at Apr. by ECMWF $\,$

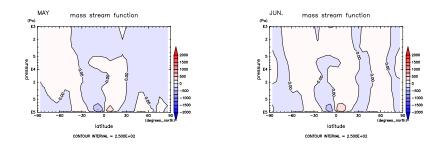


Figure 661: MSF at May by DCPAM $\,$ Figure 664: MSF at Jun. by DCPAM $\,$

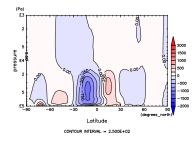


Figure 662: MSF at May by NCEP

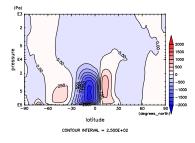


Figure 665: MSF at Jun. by NCEP

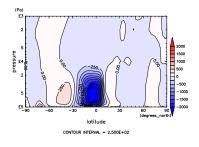


Figure 663: MSF at May by ECMWF $\,$ Figure 666: MSF at Jun. by ECMWF $\,$

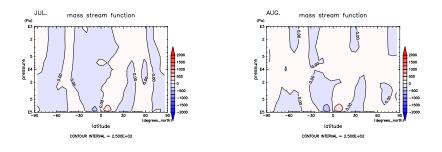
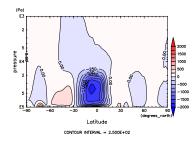


Figure 667: MSF at Jul. by DCPAM $\,$ Figure 670: MSF at Aug. by DCPAM $\,$



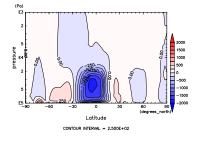


Figure 668: MSF at Jul. by NCEP

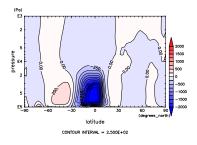


Figure 671: MSF at Aug. by NCEP

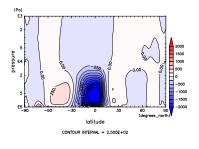


Figure 669: MSF at Jul. by ECMWF $\,$ Figure 672: MSF at Aug. by ECMWF $\,$

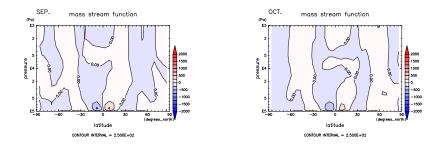
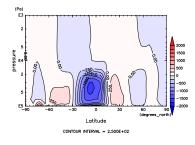


Figure 673: MSF at Sep. by DCPAM Figure 676: MSF at Oct. by DCPAM



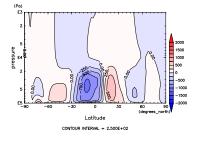


Figure 674: MSF at Sep. by NCEP

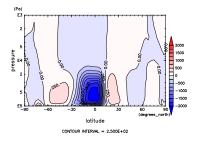


Figure 677: MSF at Oct. by NCEP

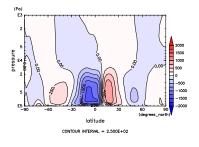


Figure 675: MSF at Sep. by ECMWF $\,$ Figure 678: MSF at Oct. by ECMWF $\,$

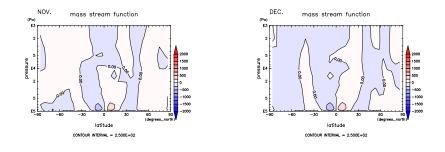
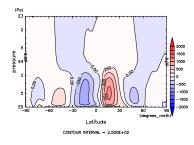


Figure 679: MSF at Nov. by DCPAM $\,$ Figure 682: MSF at Dec. by DCPAM $\,$



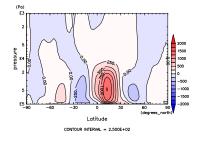


Figure 680: MSF at Nov. by NCEP

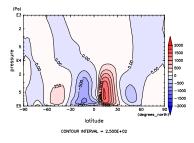


Figure 683: MSF at Dec. by NCEP

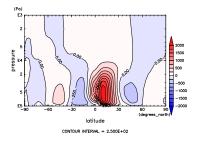
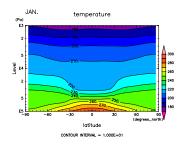


Figure 681: MSF at Nov. by ECMWF $\,$ Figure 684: MSF at Dec. by ECMWF $\,$



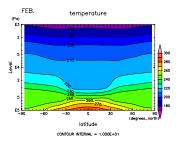


Figure 685: T at Jan. by DCPAM

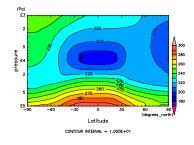


Figure 686: T at Jan. by NCEP

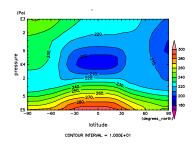


Figure 687: T at Jan. by ECMWF

Figure 688: T at Feb. by DCPAM

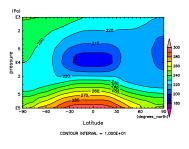


Figure 689: T at Feb. by NCEP $\,$

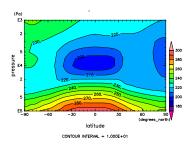
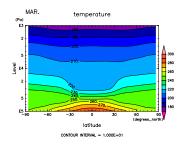


Figure 690: T at Feb. by ECMWF



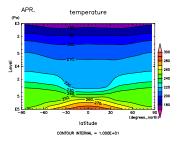


Figure 691: T at Mar. by DCPAM

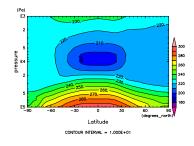


Figure 692: T at Mar. by NCEP

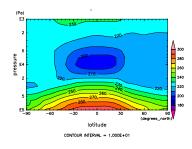


Figure 693: T at Mar. by ECMWF

Figure 694: T at Apr. by DCPAM

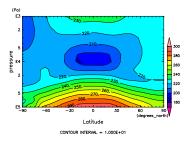


Figure 695: T at Apr. by NCEP

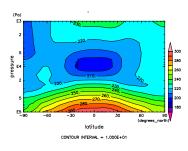
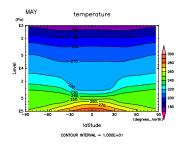


Figure 696: T at Apr. by ECMWF



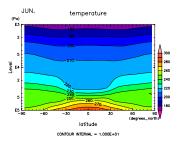


Figure 697: T at May by DCPAM

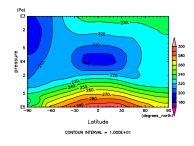


Figure 698: T at May by NCEP

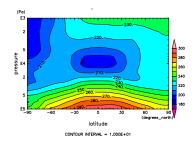


Figure 699: T at May by ECMWF

Figure 700: T at Jun. by DCPAM

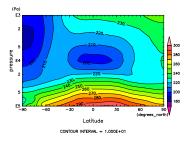


Figure 701: T at Jun. by NCEP

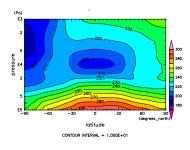
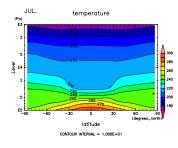


Figure 702: T at Jun. by ECMWF



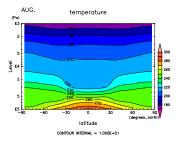


Figure 703: T at Jul. by DCPAM

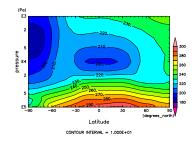


Figure 704: T at Jul. by NCEP

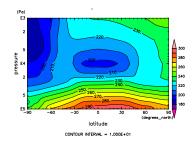


Figure 705: T at Jul. by ECMWF

Figure 706: T at Aug. by DCPAM

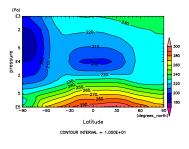


Figure 707: T at Aug. by NCEP

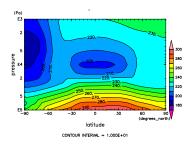
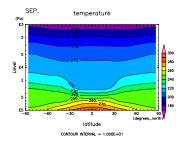


Figure 708: T at Aug. by ECMWF



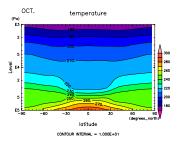


Figure 709: T at Sep. by DCPAM $\,$

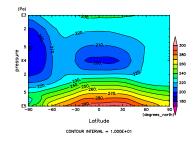


Figure 710: T at Sep. by NCEP

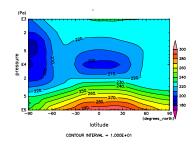


Figure 711: T at Sep. by ECMWF

Figure 712: T at Oct. by DCPAM

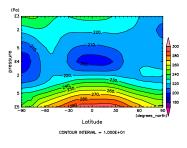


Figure 713: T at Oct. by NCEP

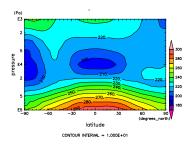
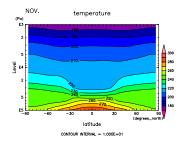


Figure 714: T at Oct. by ECMWF



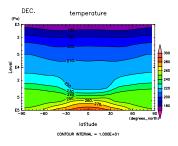


Figure 715: T at Nov. by DCPAM

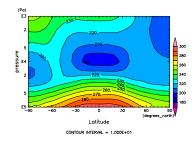


Figure 716: T at Nov. by NCEP

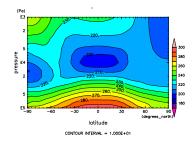


Figure 717: T at Nov. by ECMWF

Figure 718: T at Dec. by DCPAM

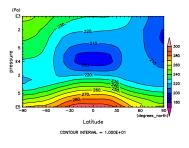


Figure 719: T at Dec. by NCEP

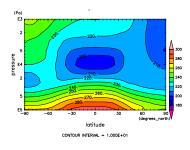
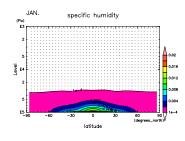


Figure 720: T at Dec. by ECMWF



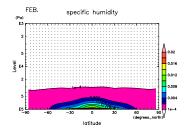


Figure 721: q at Jan. by DCPAM

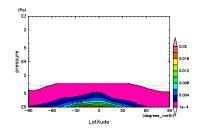


Figure 722: q at Jan. by NCEP

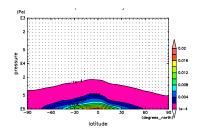


Figure 723: q at Jan. by ECMWF

Figure 724: q at Feb. by DCPAM

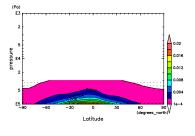


Figure 725: q at Feb. by NCEP

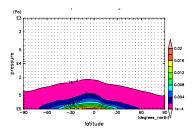
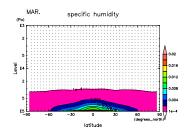


Figure 726: q at Feb. by ECMWF



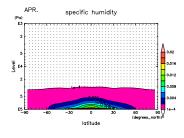


Figure 727: q at Mar. by DCPAM

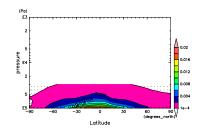


Figure 728: q at Mar. by NCEP

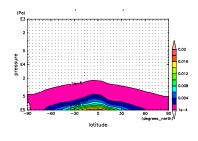


Figure 729: q at Mar. by ECMWF

Figure 730: q at Apr. by DCPAM

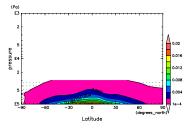


Figure 731: q at Apr. by NCEP

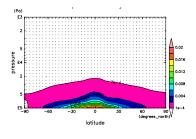
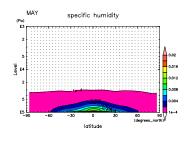


Figure 732: q at Apr. by ECMWF



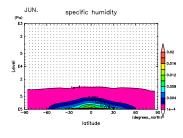


Figure 733: q at May by DCPAM

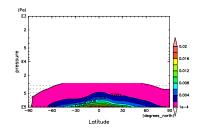


Figure 734: q at May by NCEP

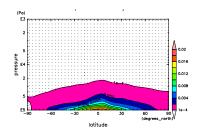


Figure 735: q at May by ECMWF

Figure 736: q at Jun. by DCPAM

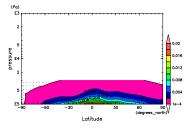


Figure 737: q at Jun. by NCEP

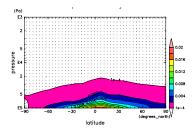
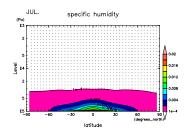


Figure 738: q at Jun. by ECMWF



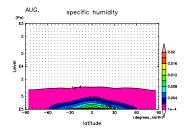


Figure 739: q at Jul. by DCPAM

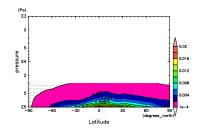


Figure 740: q at Jul. by NCEP

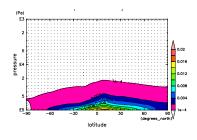


Figure 741: q at Jul. by ECMWF

Figure 742: q at Aug. by DCPAM

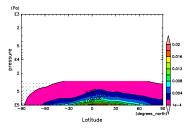


Figure 743: q at Aug. by NCEP

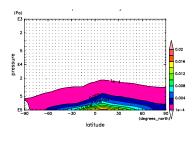
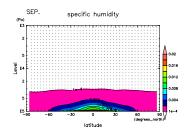


Figure 744: q at Aug. by ECMWF



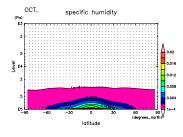


Figure 745: q at Sep. by DCPAM

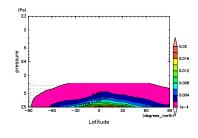


Figure 746: q at Sep. by NCEP

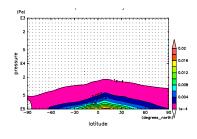
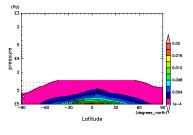


Figure 747: q at Sep. by ECMWF

Figure 748: q at Oct. by DCPAM



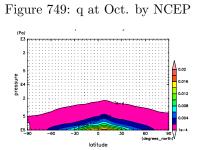
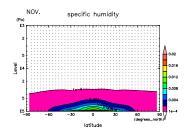


Figure 750: q at Oct. by ECMWF



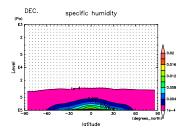


Figure 751: q at Nov. by DCPAM

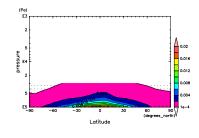


Figure 752: q at Nov. by NCEP

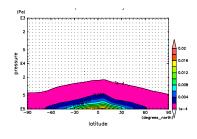


Figure 753: q at Nov. by ECMWF



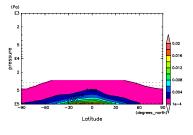


Figure 755: q at Dec. by NCEP

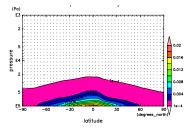
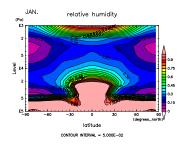


Figure 756: q at Dec. by ECMWF



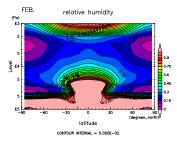


Figure 757: RH at Jan. by DCPAM $\,$

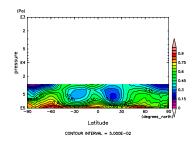


Figure 758: RH at Jan. by NCEP

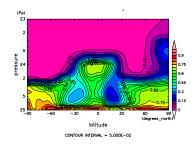


Figure 759: RH at Jan. by ECMWF

Figure 760: RH at Feb. by DCPAM

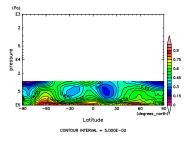


Figure 761: RH at Feb. by NCEP

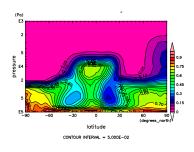
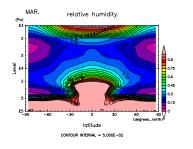


Figure 762: RH at Feb. by ECMWF



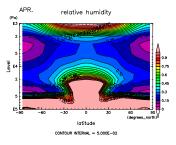


Figure 763: RH at Mar. by DCPAM

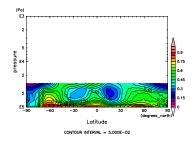


Figure 764: RH at Mar. by NCEP

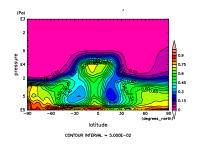


Figure 766: RH at Apr. by DCPAM

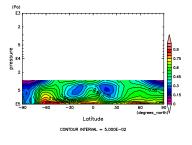


Figure 767: RH at Apr. by NCEP

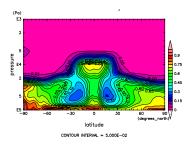
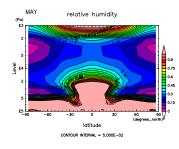


Figure 765: RH at Mar. by ECMWF Figure 768: RH at Apr. by ECMWF



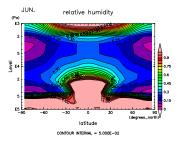


Figure 769: RH at May by DCPAM

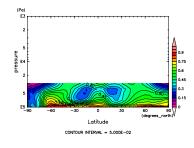


Figure 770: RH at May by NCEP

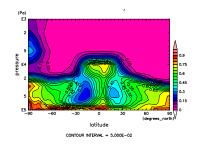


Figure 771: RH at May by ECMWF

Figure 772: RH at Jun. by DCPAM

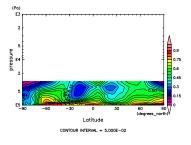


Figure 773: RH at Jun. by NCEP

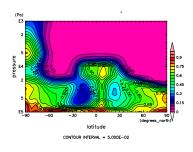
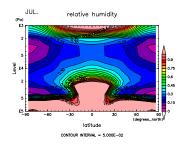


Figure 774: RH at Jun. by ECMWF



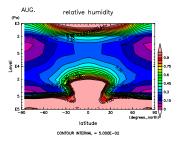


Figure 775: RH at Jul. by DCPAM

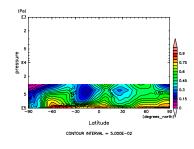


Figure 776: RH at Jul. by NCEP

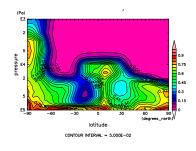


Figure 777: RH at Jul. by ECMWF

Figure 778: RH at Aug. by DCPAM

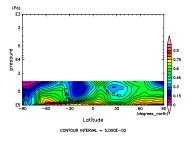


Figure 779: RH at Aug. by NCEP

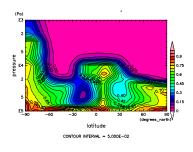
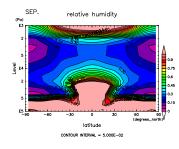


Figure 780: RH at Aug. by ECMWF



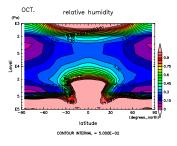


Figure 781: RH at Sep. by DCPAM

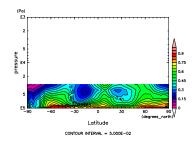


Figure 782: RH at Sep. by NCEP

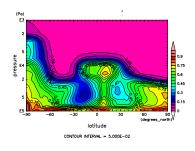


Figure 783: RH at Sep. by ECMWF

Figure 784: RH at Oct. by DCPAM

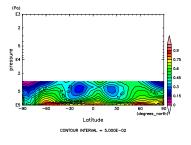


Figure 785: RH at Oct. by NCEP

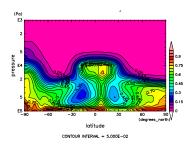
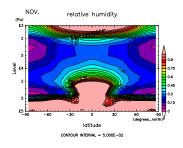


Figure 786: RH at Oct. by ECMWF



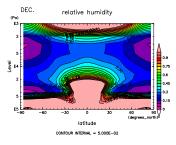


Figure 787: RH at Nov. by DCPAM

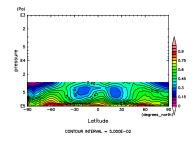


Figure 788: RH at Nov. by NCEP

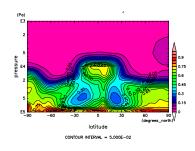


Figure 789: RH at Nov. by ECMWF

Figure 790: RH at Dec. by DCPAM $\,$

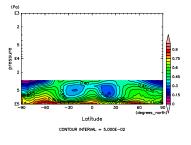


Figure 791: RH at Dec. by NCEP

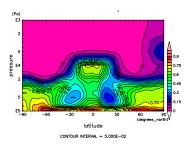
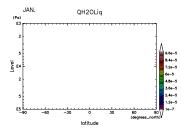


Figure 792: RH at Dec. by ECMWF



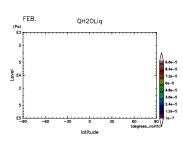
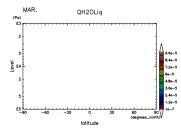


Figure 793: q_l at Jan. by DCPAM

Figure 794: q_l at Feb. by DCPAM



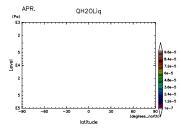
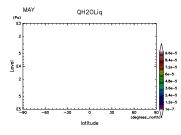


Figure 795: q_l at Mar. by DCPAM

Figure 796: q_l at Apr. by DCPAM



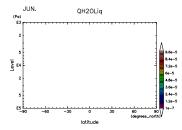
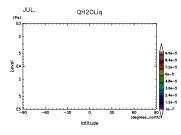


Figure 797: q_l at May by DCPAM

Figure 798: q_l at Jun. by DCPAM



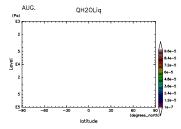
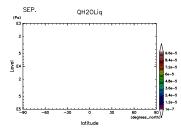


Figure 799: q_l at Jul. by DCPAM

Figure 800: q_l at Aug. by DCPAM



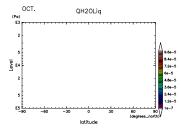
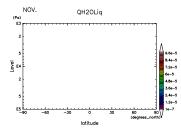


Figure 801: q_l at Sep. by DCPAM

Figure 802: q_l at Oct. by DCPAM



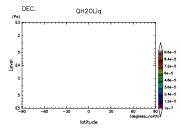
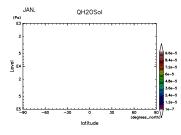


Figure 803: q_l at Nov. by DCPAM

Figure 804: q_l at Dec. by DCPAM



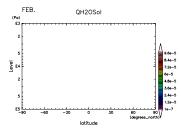
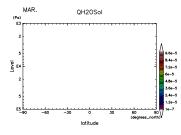


Figure 805: q_i at Jan. by DCPAM

Figure 806: q_i at Feb. by DCPAM



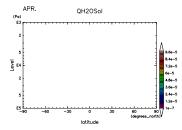
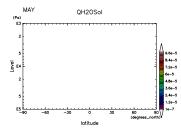


Figure 807: q_i at Mar. by DCPAM

Figure 808: q_i at Apr. by DCPAM



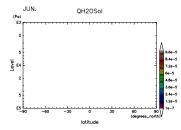
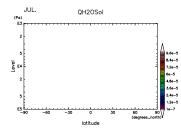


Figure 809: q_i at May by DCPAM

Figure 810: q_i at Jun. by DCPAM



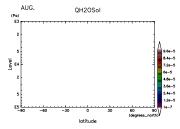
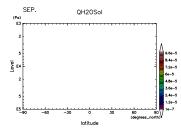


Figure 811: q_i at Jul. by DCPAM

Figure 812: q_i at Aug. by DCPAM



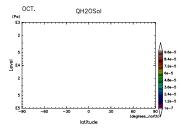
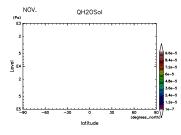


Figure 813: q_i at Sep. by DCPAM

Figure 814: q_i at Oct. by DCPAM



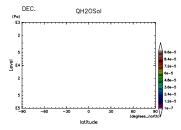


Figure 815: q_i at Nov. by DCPAM

Figure 816: q_i at Dec. by DCPAM

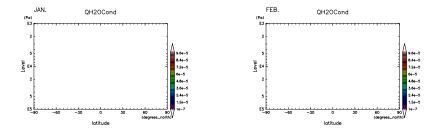


Figure 817: $q_l + q_i$ at Jan. by DCPAM $\,$ Figure 818: $q_l + q_i$ at Feb. by DCPAM $\,$

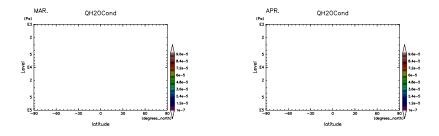


Figure 819: $q_l + q_i$ at Mar. by DCPAM Figure 820: $q_l + q_i$ at Apr. by DCPAM

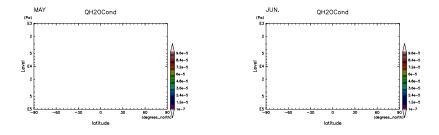


Figure 821: $q_l + q_i$ at May by DCPAM $\,$ Figure 822: $q_l + q_i$ at Jun. by DCPAM $\,$

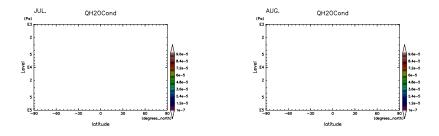


Figure 823: $q_l + q_i$ at Jul. by DCPAM $\,$ Figure 824: $q_l + q_i$ at Aug. by DCPAM $\,$

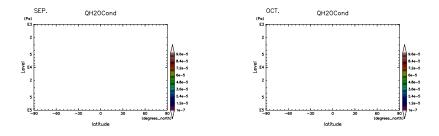


Figure 825: $q_l + q_i$ at Sep. by DCPAM $\,$ Figure 826: $q_l + q_i$ at Oct. by DCPAM $\,$

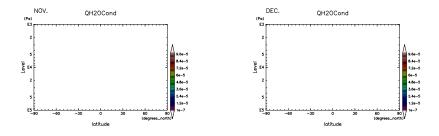


Figure 827: $q_l\!+\!q_i$ at Nov. by DCPAM $\,$ Figure 828: $q_l\!+\!q_i$ at Dec. by DCPAM $\,$

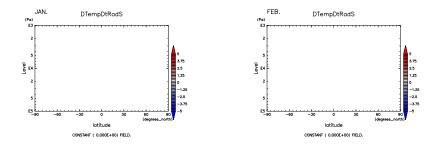


Figure 829: $(\partial T/\partial t)_{SW}$ at Jan. by Figure 830: $(\partial T/\partial t)_{SW}$ at Feb. by DCPAM DCPAM

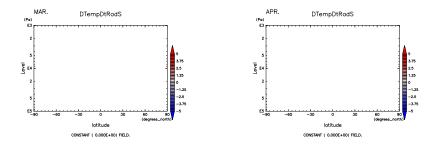


Figure 831: $(\partial T/\partial t)_{SW}$ at Mar. by Figure 832: $(\partial T/\partial t)_{SW}$ at Apr. by DCPAM DCPAM

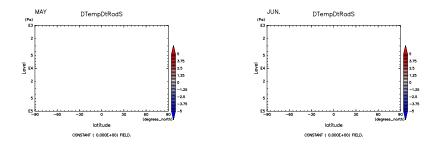


Figure 833: $(\partial T/\partial t)_{SW}$ at May by Figure 834: $(\partial T/\partial t)_{SW}$ at Jun. by DCPAM DCPAM

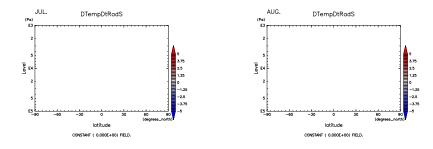


Figure 835: $(\partial T/\partial t)_{SW}$ at Jul. by Figure 836: $(\partial T/\partial t)_{SW}$ at Aug. by DCPAM DCPAM

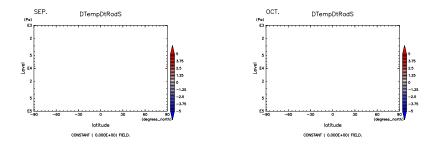


Figure 837: $(\partial T/\partial t)_{SW}$ at Sep. by Figure 838: $(\partial T/\partial t)_{SW}$ at Oct. by DCPAM DCPAM

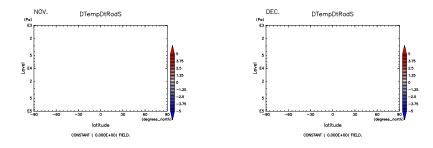


Figure 839: $(\partial T/\partial t)_{SW}$ at Nov. by Figure 840: $(\partial T/\partial t)_{SW}$ at Dec. by DCPAM DCPAM

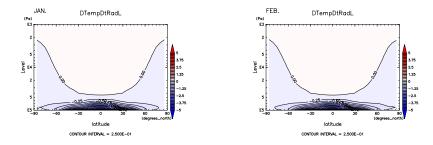


Figure 841: $(\partial T/\partial t)_{LW}$ at Jan. by Figure 842: $(\partial T/\partial t)_{LW}$ at Feb. by DCPAM DCPAM

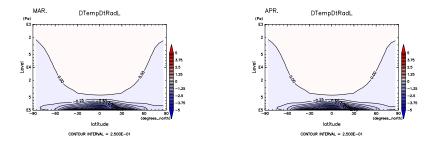


Figure 843: $(\partial T/\partial t)_{LW}$ at Mar. by Figure 844: $(\partial T/\partial t)_{LW}$ at Apr. by DCPAM DCPAM

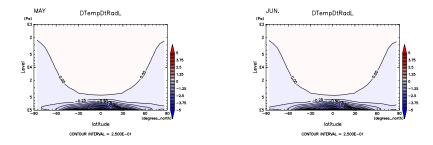


Figure 845: $(\partial T/\partial t)_{LW}$ at May by Figure 846: $(\partial T/\partial t)_{LW}$ at Jun. by DCPAM DCPAM

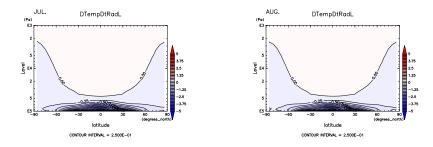


Figure 847: $(\partial T/\partial t)_{LW}$ at Jul. by Figure 848: $(\partial T/\partial t)_{LW}$ at Aug. by DCPAM DCPAM

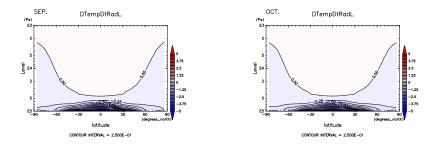


Figure 849: $(\partial T/\partial t)_{LW}$ at Sep. by Figure 850: $(\partial T/\partial t)_{LW}$ at Oct. by DCPAM DCPAM

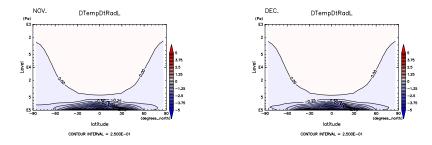


Figure 851: $(\partial T/\partial t)_{LW}$ at Nov. by Figure 852: $(\partial T/\partial t)_{LW}$ at Dec. by DCPAM DCPAM

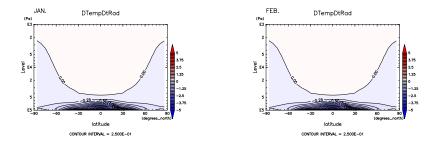


Figure 853: $(\partial T/\partial t)_{SW+LW}$ at Jan. Figure 854: $(\partial T/\partial t)_{SW+LW}$ at Feb. by DCPAM by DCPAM

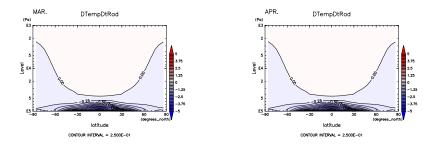


Figure 855: $(\partial T/\partial t)_{SW+LW}$ at Mar. Figure 856: $(\partial T/\partial t)_{SW+LW}$ at Apr. by DCPAM by DCPAM

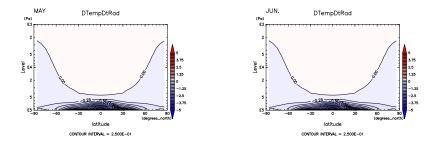


Figure 857: $(\partial T/\partial t)_{SW+LW}$ at May Figure 858: $(\partial T/\partial t)_{SW+LW}$ at Jun. by DCPAM by DCPAM

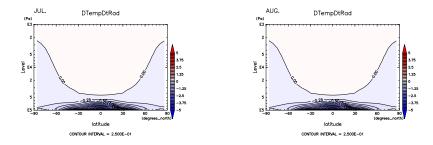


Figure 859: $(\partial T/\partial t)_{SW+LW}$ at Jul. Figure 860: $(\partial T/\partial t)_{SW+LW}$ at Aug. by DCPAM by DCPAM

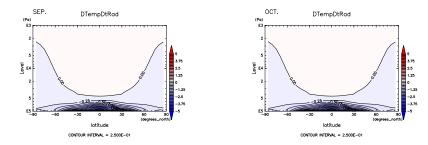


Figure 861: $(\partial T/\partial t)_{SW+LW}$ at Sep. Figure 862: $(\partial T/\partial t)_{SW+LW}$ at Oct. by DCPAM by DCPAM

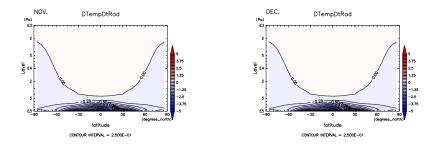


Figure 863: $(\partial T/\partial t)_{SW+LW}$ at Nov. Figure 864: $(\partial T/\partial t)_{SW+LW}$ at Dec. by DCPAM by DCPAM