

0.1 Global mean budget

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

| | | | |
|----------|---|---|------|
| PRCP | : | 47.88394567895838 W m ⁻² , | 80 |
| EvapU | : | 47.90237738122914 W m ⁻² , | 80 |
| SensA | : | 11.85038386688942 W m ⁻² , | 17 |
| SLRA | : | 280.3812387601244 W m ⁻² , | 63 |
| SSRA | : | -340.1339979604238 W m ⁻² , | -161 |
| OLRA | : | 340.2736534415606 W m ⁻² , | 239 |
| OSRA | : | -340.1339979604238 W m ⁻² , | -239 |
| Heating: | | -0.13965260626165782 W m ⁻² | |
| Water | : | -2.886363917246063e-10 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

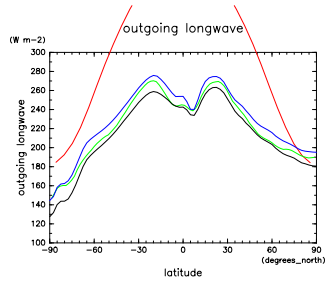


Figure 1: Annual average OLRA by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

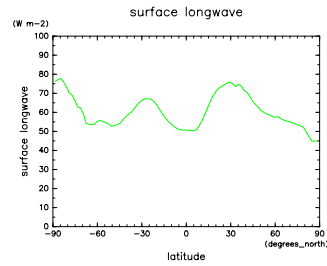


Figure 4: Annual average SLRA by DCPAM (red), NCEP (green)

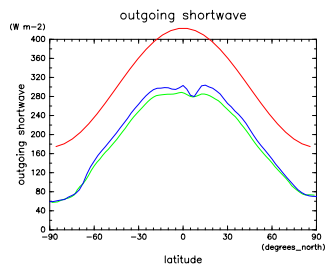


Figure 2: Annual average OSRA by DCPAM (red), NCEP (green), and ECMWF (blue)

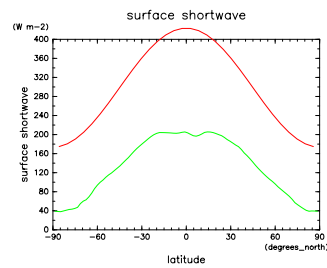


Figure 5: Annual average SSRA by DCPAM (red), NCEP (green)

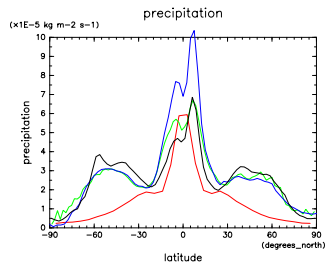


Figure 3: Annual average PRCP by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

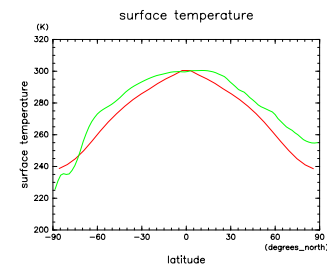


Figure 6: Annual average SurfTemp by DCPAM (red), NCEP (skt) (green)

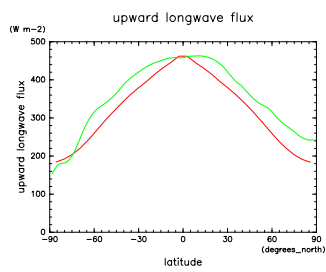


Figure 7: Annual average SLURA by DCPAM (red), NCEP (green)

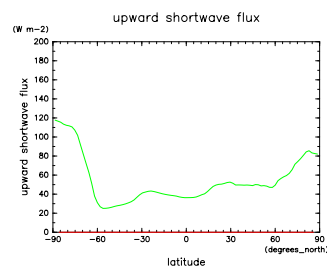


Figure 9: Annual average SSURA by DCPAM (red), NCEP (green)

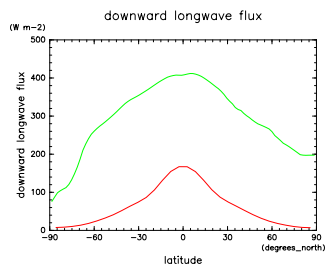


Figure 8: Annual average SLDRA by DCPAM (red), NCEP (green)

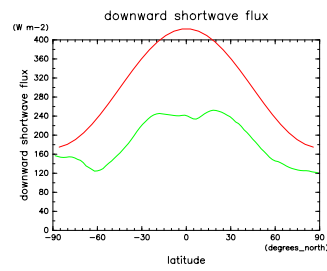


Figure 10: Annual average SSDRA by DCPAM (red), NCEP (green)

0.2.2 Annual mean longitude-latitude distribution

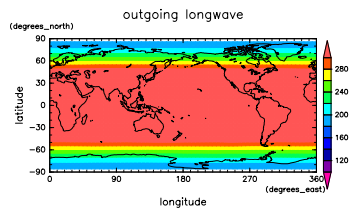


Figure 11: Annual mean OLR by DC-PAM

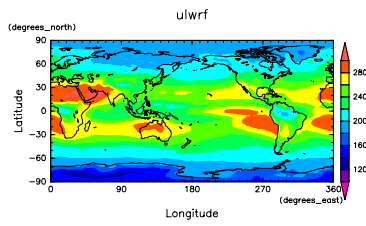


Figure 12: Annual mean OLR by NCEP

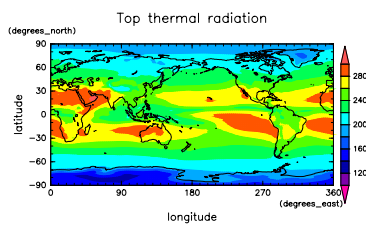


Figure 13: Annual mean OLR by ECMWF

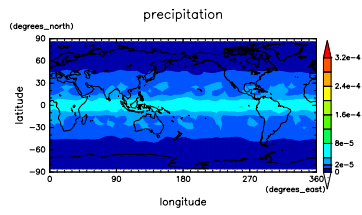


Figure 14: Annual mean Rain by DC-PAM

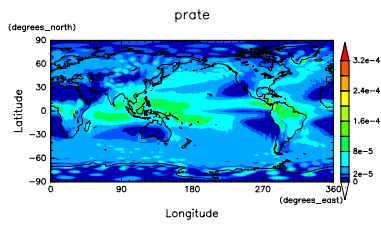


Figure 15: Annual mean Rain by NCEP

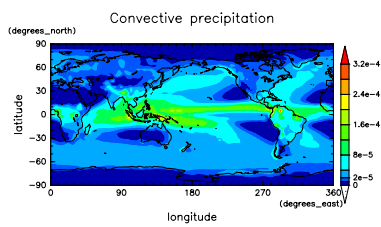


Figure 16: Annual mean Rain by ECMWF

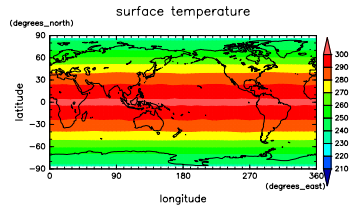


Figure 17: Annual mean SurfTemp by DCPAM

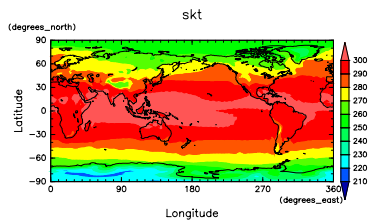


Figure 18: Annual mean skt by NCEP

0.2.3 Annual mean latitude-pressure (linear) distribution

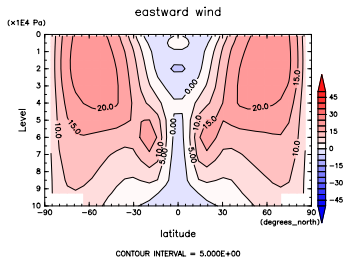


Figure 19: Annual mean U by DC-PAM

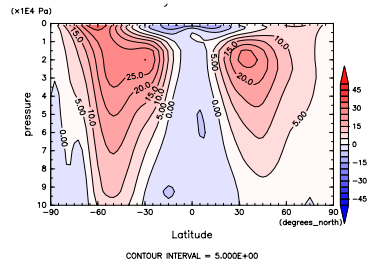


Figure 20: Annual mean U by NCEP

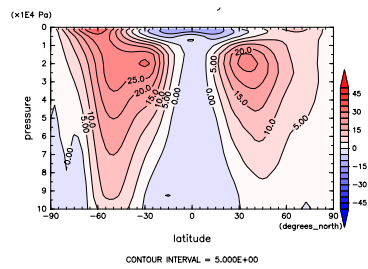


Figure 21: Annual mean U by ECMWF

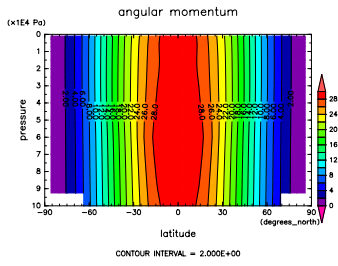


Figure 22: Annual mean ANG MOM by DCPAM

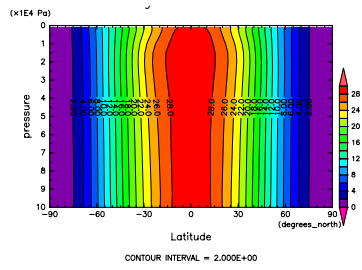


Figure 23: Annual mean ANG MOM by NCEP

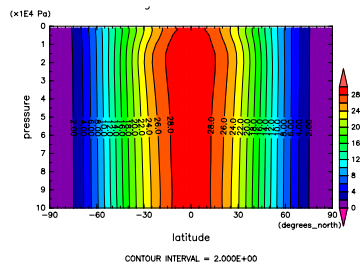


Figure 24: Annual mean ANG MOM by ECMWF

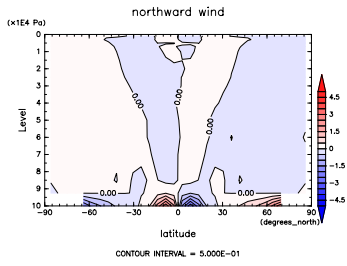


Figure 25: Annual mean V by DC-PAM

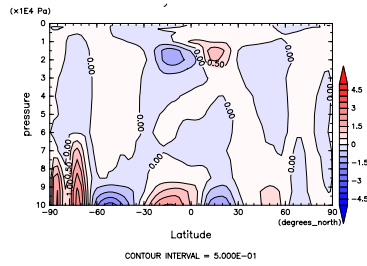


Figure 26: Annual mean V by NCEP

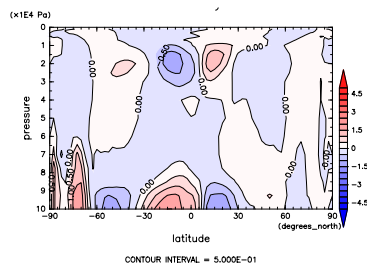


Figure 27: Annual mean V by ECMWF

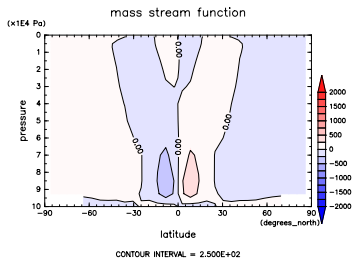


Figure 28: Annual mean MSF by DC-PAM

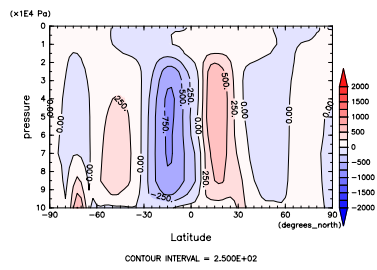


Figure 29: Annual mean MSF by NCEP

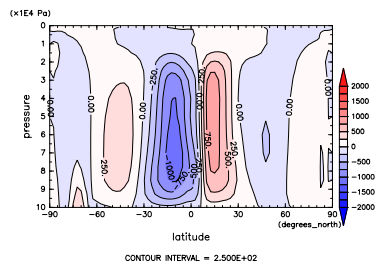


Figure 30: Annual mean MSF by ECMWF

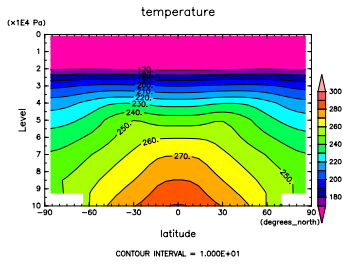


Figure 31: Annual mean T by DC-PAM

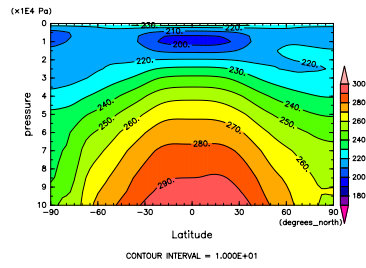


Figure 32: Annual mean T by NCEP

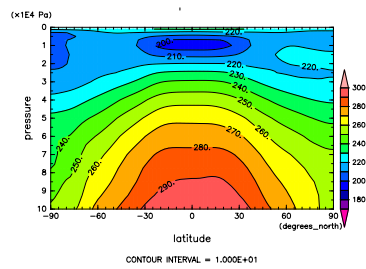


Figure 33: Annual mean T by ECMWF

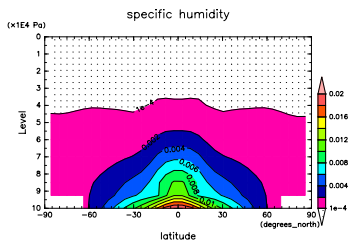


Figure 34: Annual mean q by DCPAM

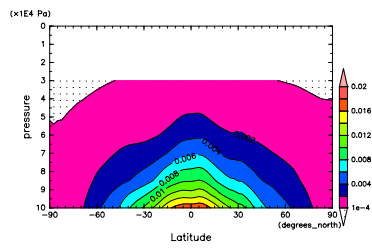


Figure 35: Annual mean q by NCEP

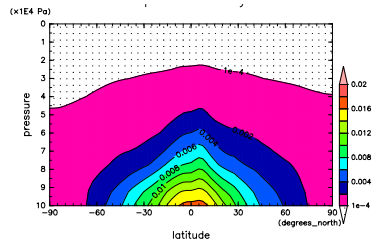


Figure 36: Annual mean q by ECMWF

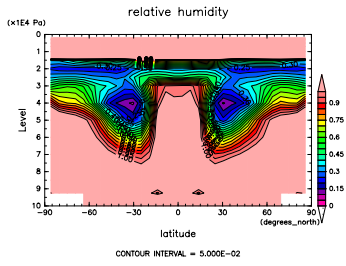


Figure 37: Annual mean RH by DC-PAM

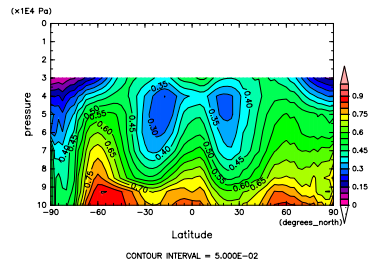


Figure 38: Annual mean RH by NCEP

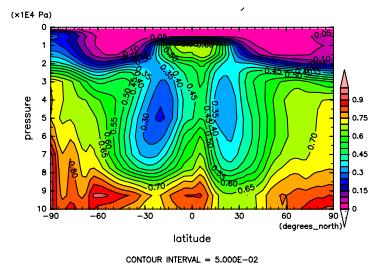


Figure 39: Annual mean RH by ECMWF



Figure 40: Annual mean q_l by DC-PAM



Figure 41: Annual mean q_i by DC-PAM

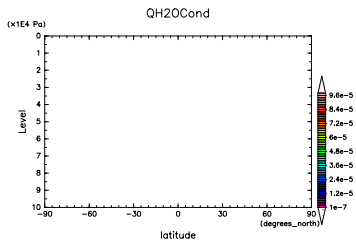


Figure 42: Annual mean $q_l + q_i$ by DC-PAM

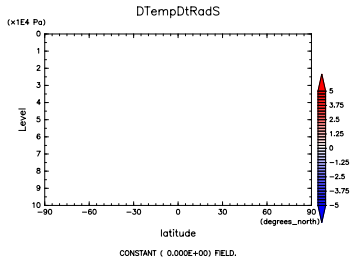
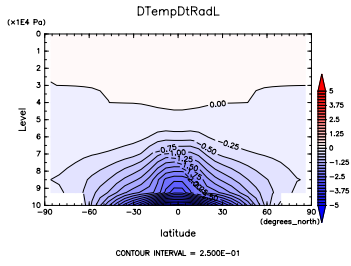


Figure 43: Annual mean $(\partial T/\partial t)_{sw}$ by DCPAM



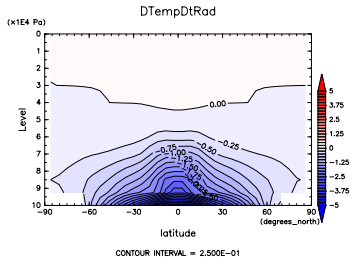


Figure 45: Annual mean $(\partial T / \partial t)_{SW+LW}$ by DCPAM

0.2.4 Annual mean latitude-pressure (logarithmic) distribution

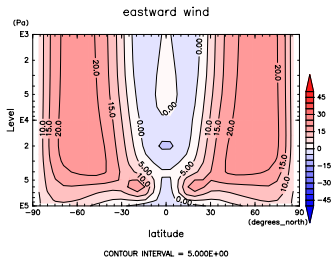


Figure 46: Annual mean U by DC-PAM

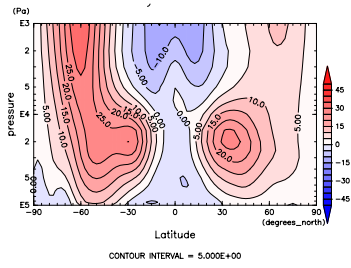


Figure 47: Annual mean U by NCEP

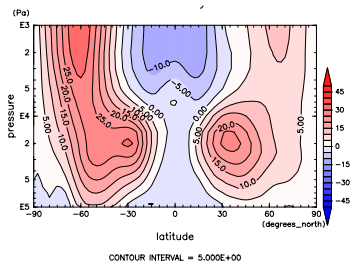


Figure 48: Annual mean U by ECMWF

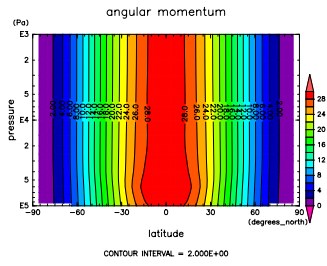


Figure 49: Annual mean ANG MOM by DCPAM

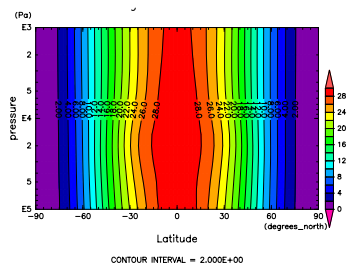


Figure 50: Annual mean ANG MOM by NCEP

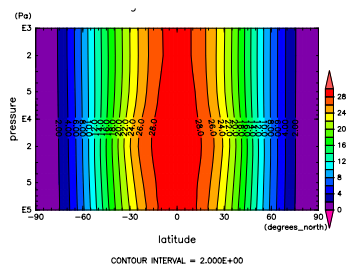


Figure 51: Annual mean ANG MOM by ECMWF

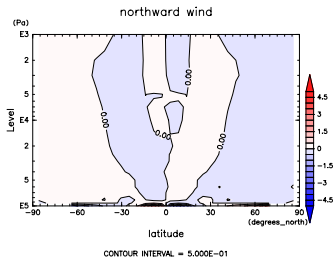


Figure 52: Annual mean V by DC-PAM

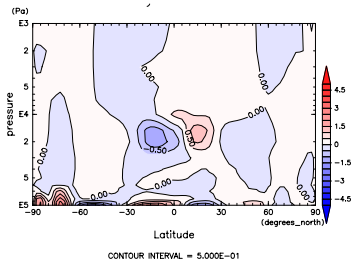


Figure 53: Annual mean V by NCEP

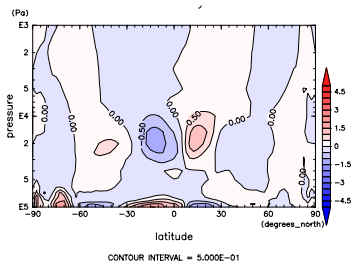


Figure 54: Annual mean V by ECMWF

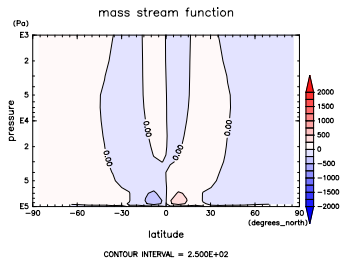


Figure 55: Annual mean MSF by DC-PAM



Figure 56: Annual mean MSF by NCEP

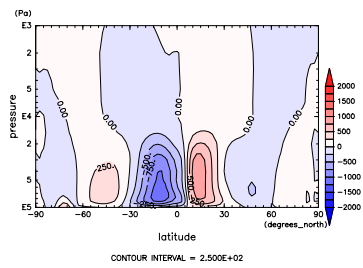


Figure 57: Annual mean MSF by ECMWF

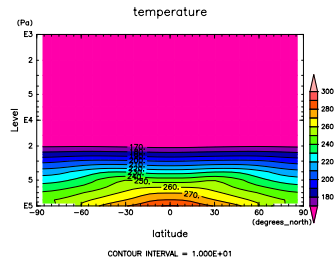


Figure 58: Annual mean T by DC-PAM

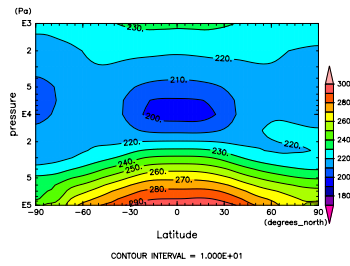


Figure 59: Annual mean T by NCEP

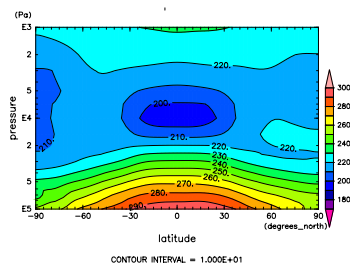


Figure 60: Annual mean T by ECMWF

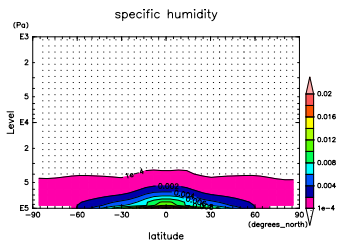


Figure 61: Annual mean q by DCPAM

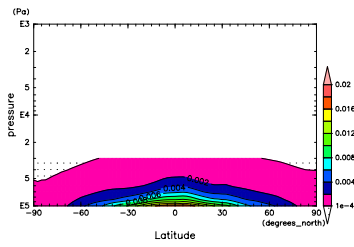


Figure 62: Annual mean q by NCEP

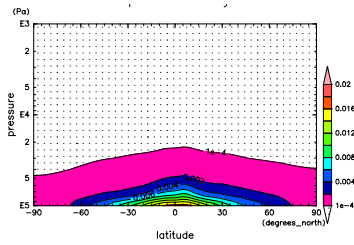


Figure 63: Annual mean q by ECMWF

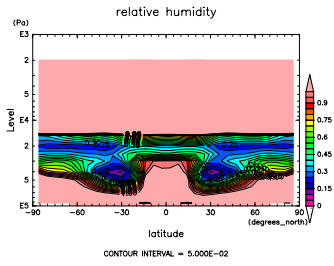


Figure 64: Annual mean RH by DC-PAM

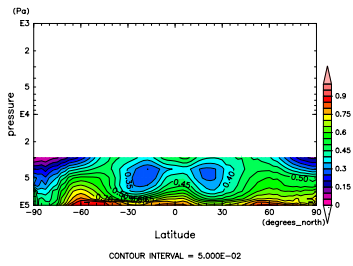


Figure 65: Annual mean RH by NCEP

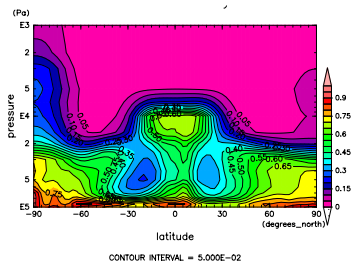


Figure 66: Annual mean RH by ECMWF

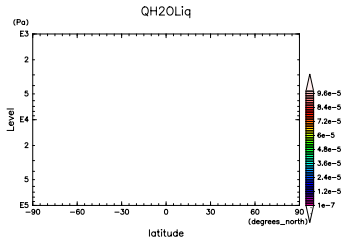


Figure 67: Annual mean q_l by DC-PAM

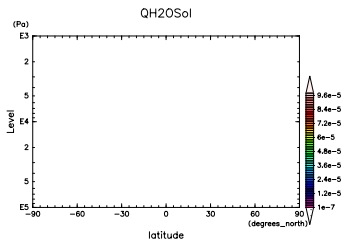


Figure 68: Annual mean q_i by DC-PAM



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



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

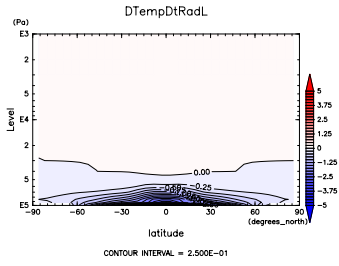


Figure 71: Annual mean $(\partial T / \partial t)_{LW}$ by DCPAM

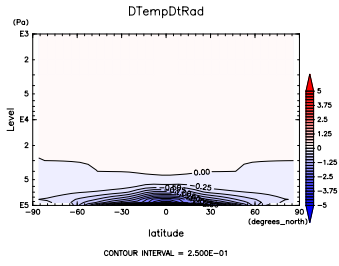


Figure 72: Annual mean $(\partial T / \partial t)_{SW+LW}$ by DCPAM

0.2.5 Monthly and zonal mean latitudinal distribution

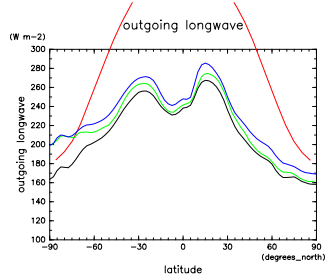


Figure 73: OLRA at Jan. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

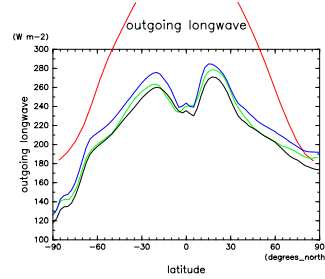


Figure 76: OLRA at Apr. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

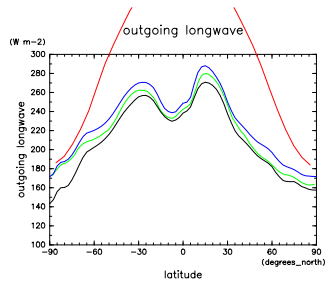


Figure 74: OLRA at Feb. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

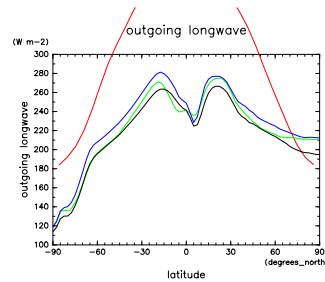


Figure 77: OLRA at May by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

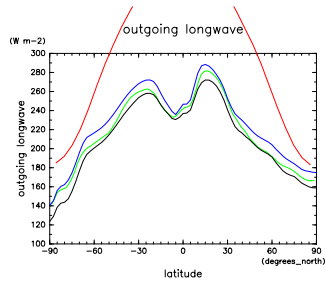


Figure 75: OLRA at Mar. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

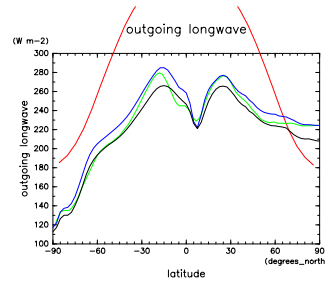


Figure 78: OLRA at Jun. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

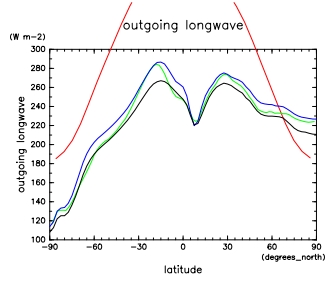


Figure 79: OLRA at Jul. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

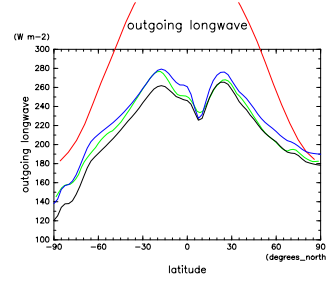


Figure 82: OLRA at Oct. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

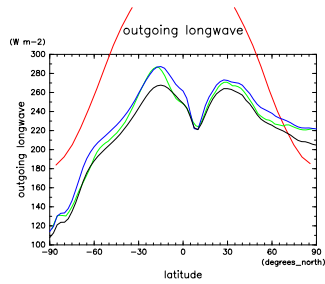


Figure 80: OLRA at Aug. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

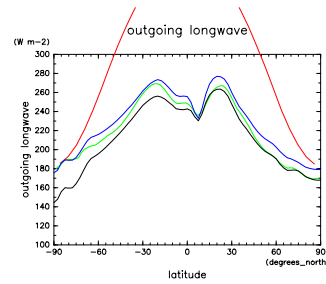


Figure 83: OLRA at Nov. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

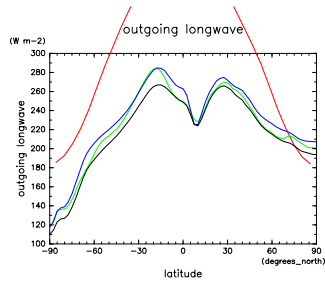


Figure 81: OLRA at Sep. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

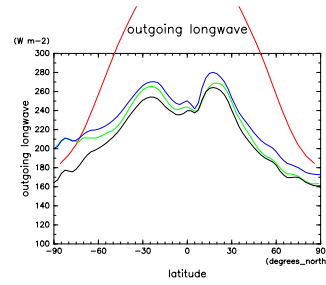


Figure 84: OLRA at Dec. by DCPAM (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

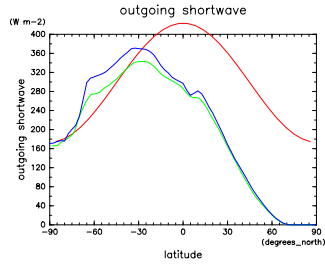


Figure 85: OSRA at Jan. by DCPAM (red), NCEP (green), and ECMWF (blue)

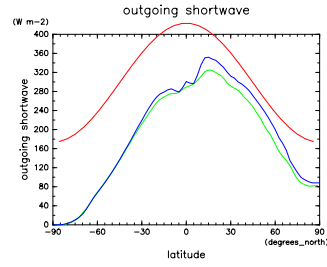


Figure 88: OSRA at Apr. by DCPAM (red), NCEP (green), and ECMWF (blue)

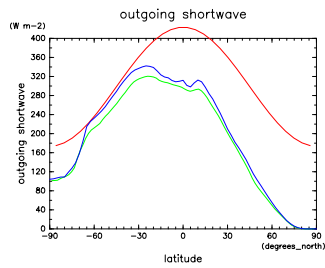


Figure 86: OSRA at Feb. by DCPAM (red), NCEP (green), and ECMWF (blue)

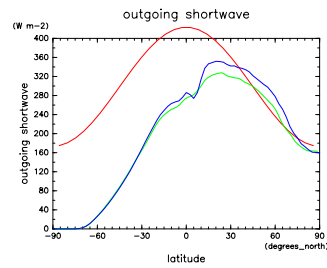


Figure 89: OSRA at May by DCPAM (red), NCEP (green), and ECMWF (blue)

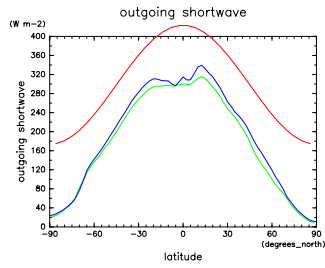


Figure 87: OSRA at Mar. by DCPAM (red), NCEP (green), and ECMWF (blue)

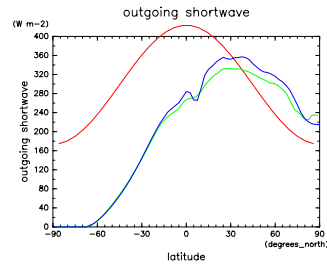


Figure 90: OSRA at Jun. by DCPAM (red), NCEP (green), and ECMWF (blue)



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

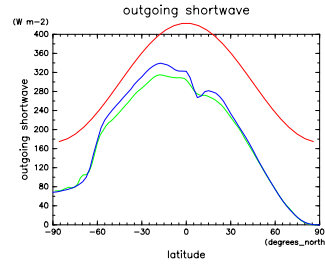


Figure 94: OSRA at Oct. by DCPAM (red), NCEP (green), and ECMWF (blue)



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

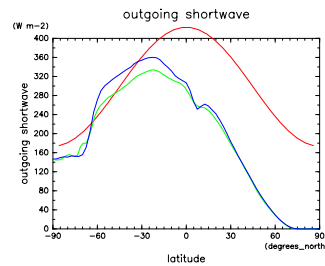


Figure 95: OSRA at Nov. by DCPAM (red), NCEP (green), and ECMWF (blue)



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

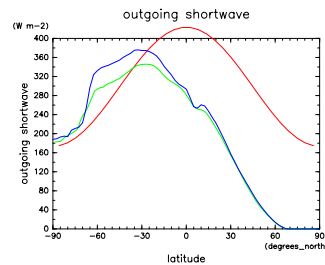


Figure 96: OSRA at Dec. by DCPAM (red), NCEP (green), and ECMWF (blue)

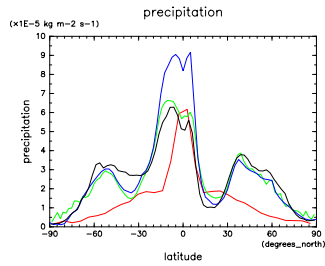


Figure 97: Rain at Jan. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

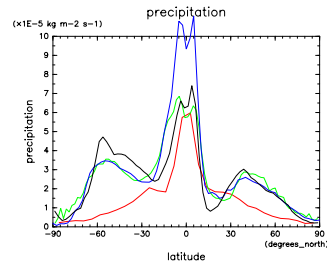


Figure 100: Rain at Apr. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

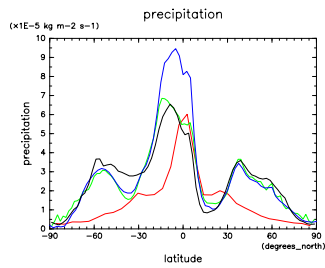


Figure 98: Rain at Feb. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

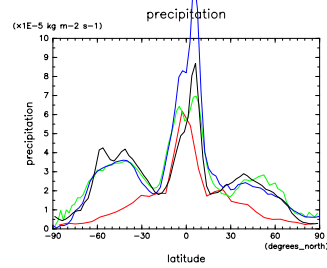


Figure 101: Rain at May by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

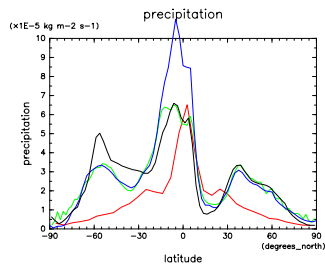


Figure 99: Rain at Mar. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

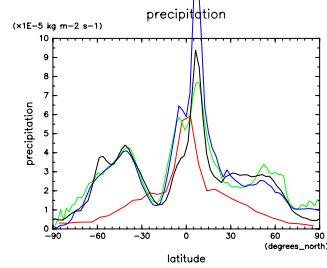


Figure 102: Rain at Jun. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

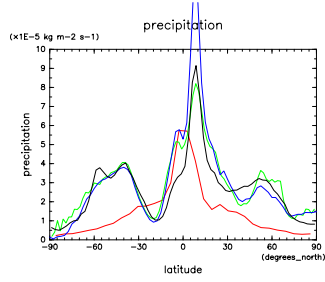


Figure 103: Rain at Jul. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

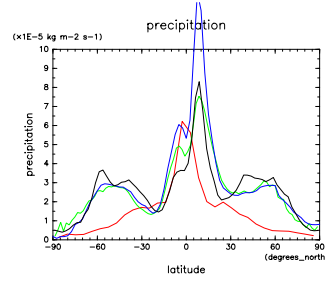


Figure 106: Rain at Oct. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

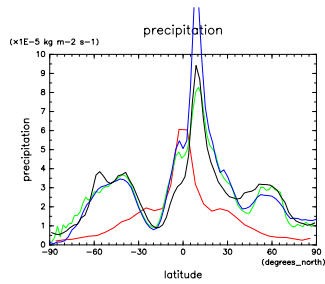


Figure 104: Rain at Aug. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

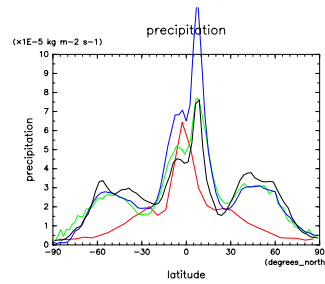


Figure 107: Rain at Nov. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

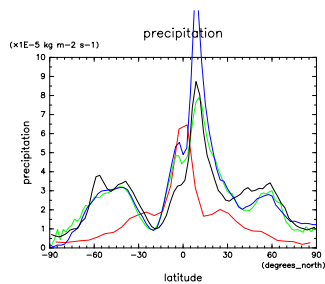


Figure 105: Rain at Sep. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

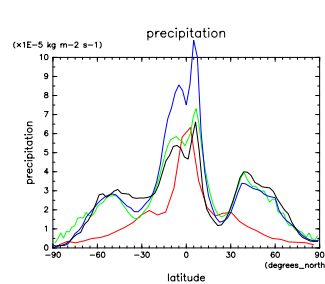


Figure 108: Rain at Dec. by DCPAM (red), NCEP (green), ECMWF (blue), and GPCP (black)

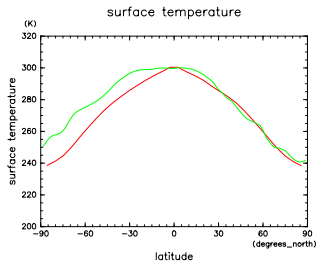


Figure 109: SurfTemp at Jan. by DC-PAM (red), NCEP (skt) (green)

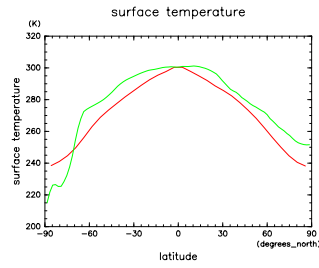


Figure 112: SurfTemp at Apr. by DC-PAM (red), NCEP (skt) (green)

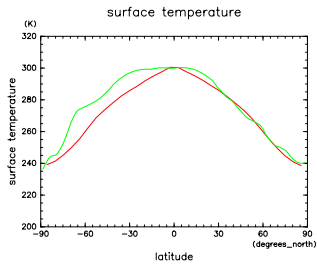


Figure 110: SurfTemp at Feb. by DC-PAM (red), NCEP (skt) (green)

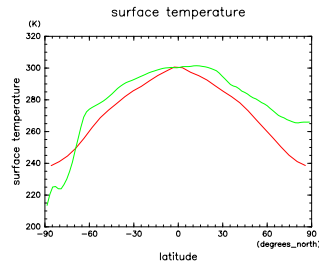


Figure 113: SurfTemp at May by DC-PAM (red), NCEP (skt) (green)

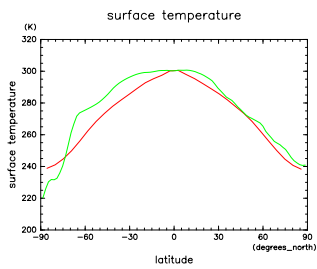


Figure 111: SurfTemp at Mar. by DC-PAM (red), NCEP (skt) (green)

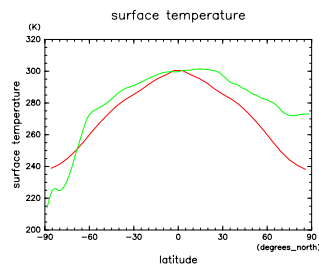


Figure 114: SurfTemp at Jun. by DC-PAM (red), NCEP (skt) (green)

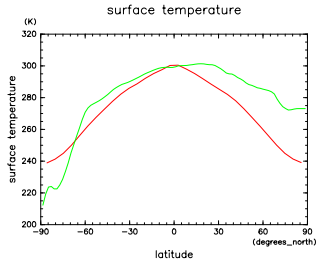


Figure 115: SurfTemp at Jul. by DC-PAM (red), NCEP (skt) (green)

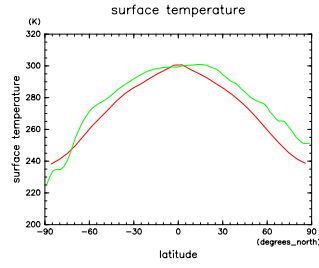


Figure 118: SurfTemp at Oct. by DC-PAM (red), NCEP (skt) (green)

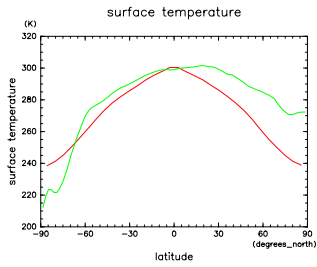


Figure 116: SurfTemp at Aug. by DC-PAM (red), NCEP (skt) (green)

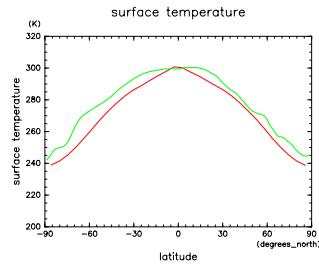


Figure 119: SurfTemp at Nov. by DC-PAM (red), NCEP (skt) (green)

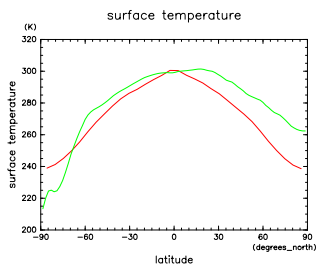


Figure 117: SurfTemp at Sep. by DC-PAM (red), NCEP (skt) (green)

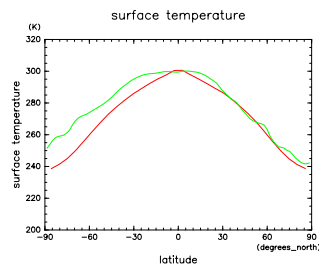


Figure 120: SurfTemp at Dec. by DC-PAM (red), NCEP (skt) (green)

0.2.6 Monthly mean longitude-latitude distribution

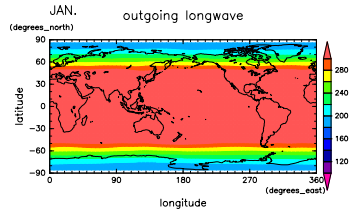


Figure 121: OLR at Jan. by DCPAM

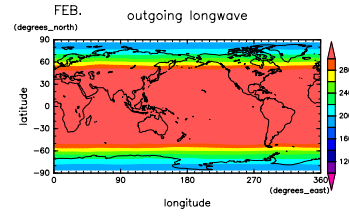


Figure 124: OLR at Feb. by DCPAM

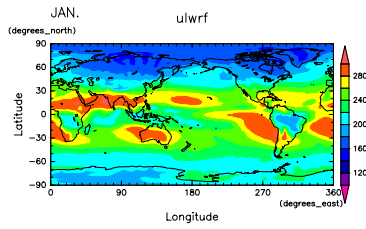


Figure 122: OLR at Jan. by NCEP

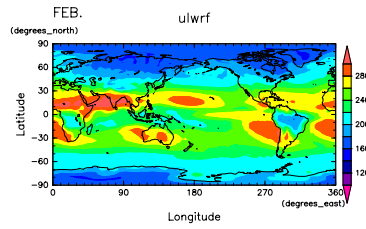


Figure 125: OLR at Feb. by NCEP

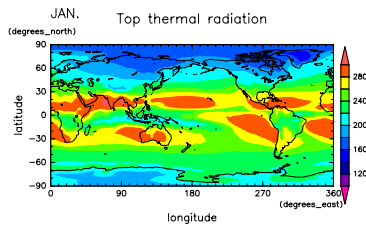


Figure 123: OLR at Jan. by ECMWF

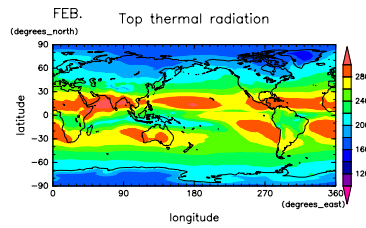


Figure 126: OLR at Feb. by ECMWF

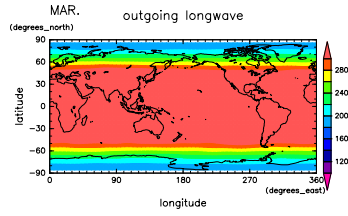


Figure 127: OLR at Mar. by DCPAM

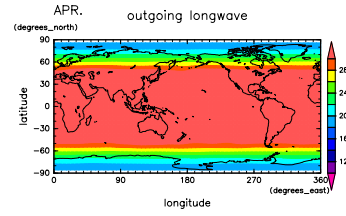


Figure 130: OLR at Apr. by DCPAM

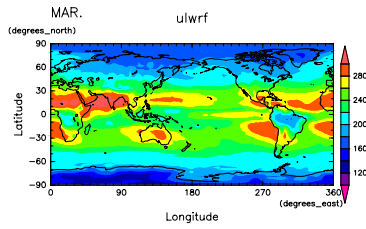


Figure 128: OLR at Mar. by NCEP

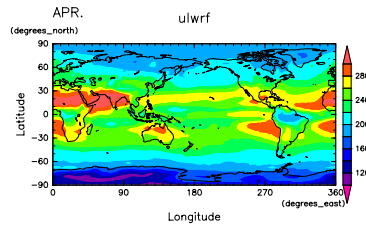


Figure 131: OLR at Apr. by NCEP

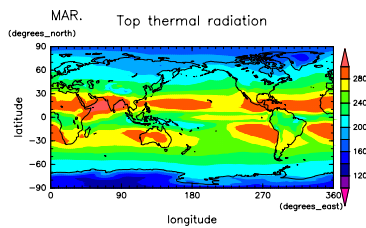


Figure 129: OLR at Mar. by ECMWF

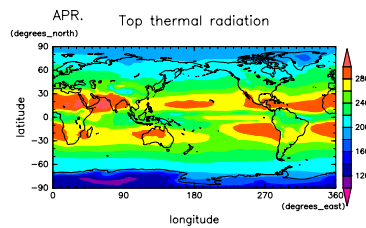


Figure 132: OLR at Apr. by ECMWF

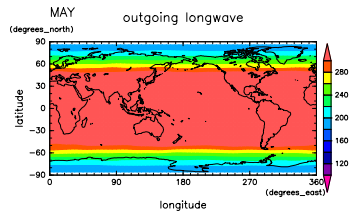


Figure 133: OLR at May by DCPAM

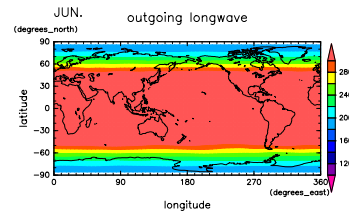


Figure 136: OLR at Jun. by DCPAM

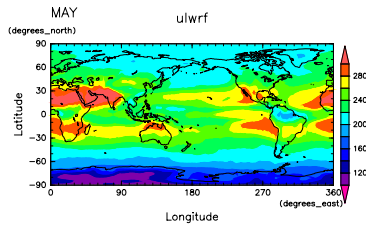


Figure 134: OLR at May by NCEP

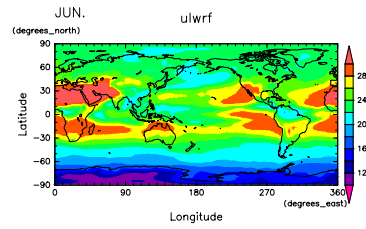


Figure 137: OLR at Jun. by NCEP

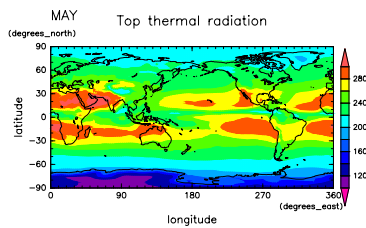


Figure 135: OLR at May by ECMWF

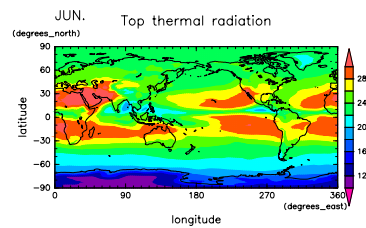


Figure 138: OLR at Jun. by ECMWF

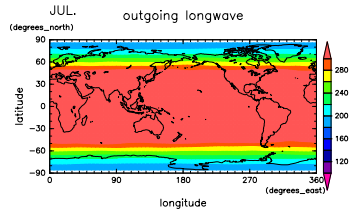


Figure 139: OLR at Jul. by DCPAM

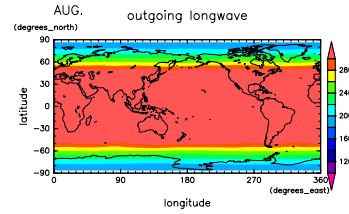


Figure 142: OLR at Aug. by DCPAM

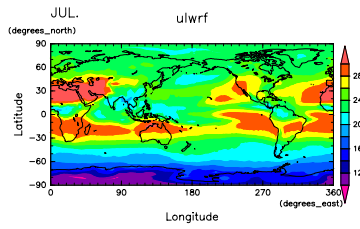


Figure 140: OLR at Jul. by NCEP

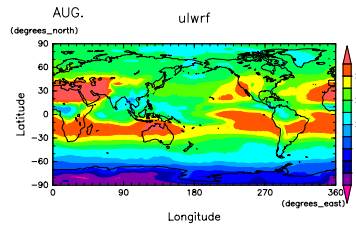


Figure 143: OLR at Aug. by NCEP

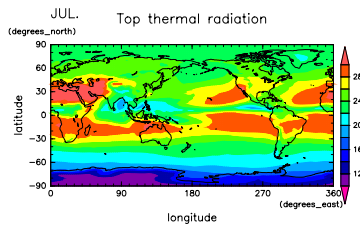


Figure 141: OLR at Jul. by ECMWF

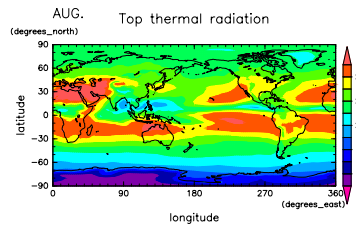


Figure 144: OLR at Aug. by ECMWF

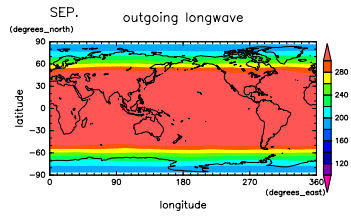


Figure 145: OLR at Sep. by DCPAM

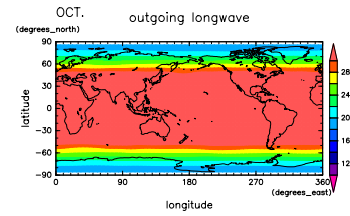


Figure 148: OLR at Oct. by DCPAM

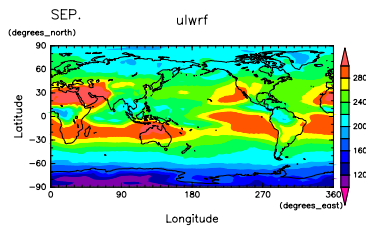


Figure 146: OLR at Sep. by NCEP

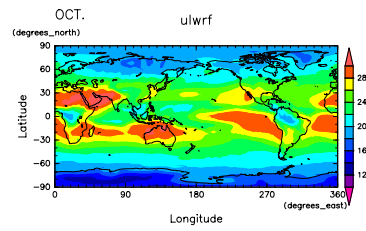


Figure 149: OLR at Oct. by NCEP

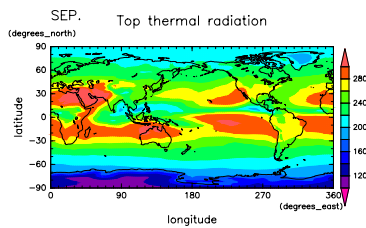


Figure 147: OLR at Sep. by ECMWF

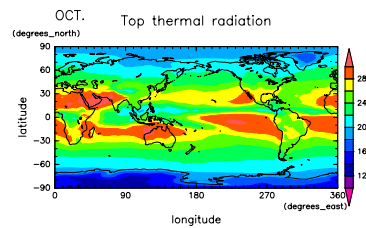


Figure 150: OLR at Oct. by ECMWF

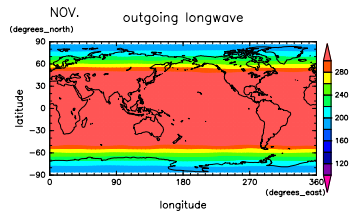


Figure 151: OLR at Nov. by DCPAM

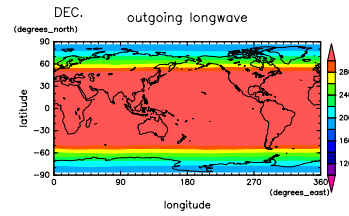


Figure 154: OLR at Dec. by DCPAM

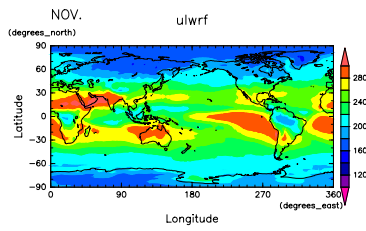


Figure 152: OLR at Nov. by NCEP

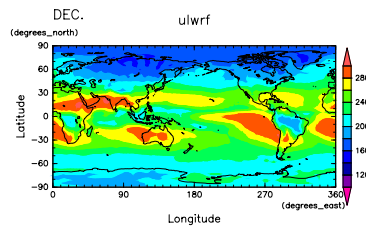


Figure 155: OLR at Dec. by NCEP

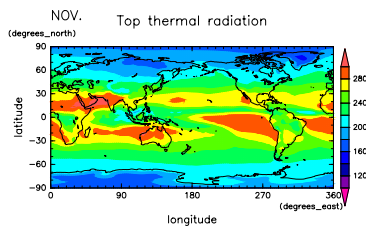


Figure 153: OLR at Nov. by ECMWF

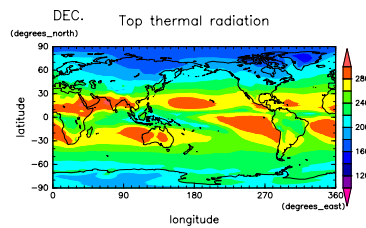


Figure 156: OLR at Dec. by ECMWF

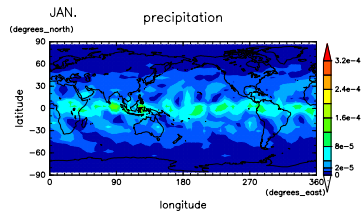


Figure 157: Rain at Jan. by DCPAM

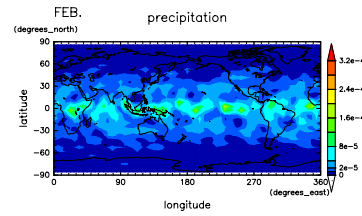


Figure 160: Rain at Feb. by DCPAM

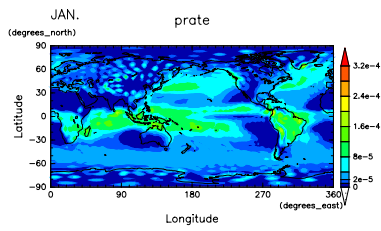


Figure 158: Rain at Jan. by NCEP

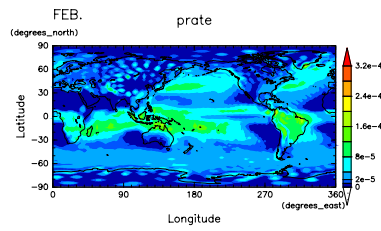


Figure 161: Rain at Feb. by NCEP

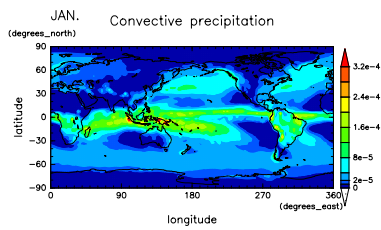


Figure 159: Rain at Jan. by ECMWF

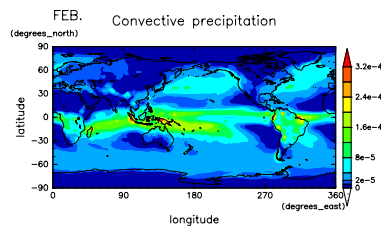


Figure 162: Rain at Feb. by ECMWF

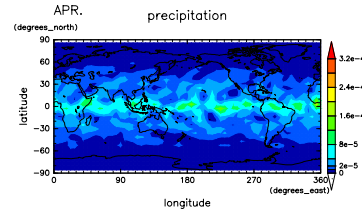
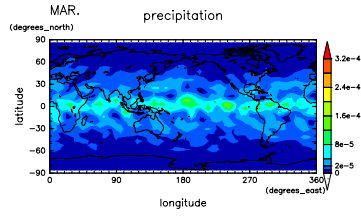


Figure 163: Rain at Mar. by DCPAM Figure 166: Rain at Apr. by DCPAM

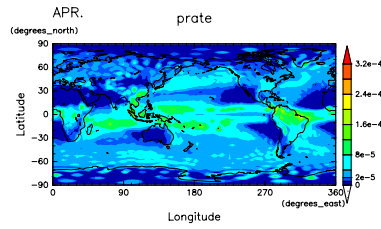
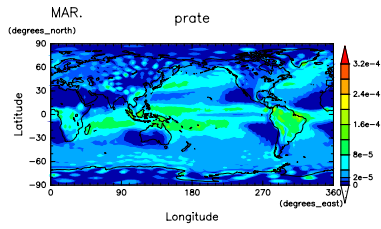


Figure 164: Rain at Mar. by NCEP Figure 167: Rain at Apr. by NCEP

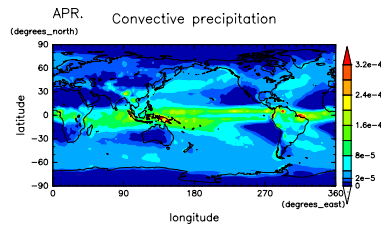
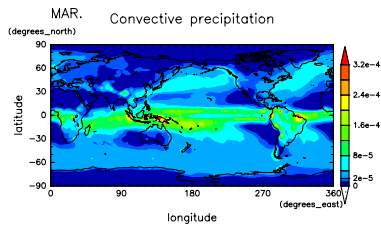


Figure 165: Rain at Mar. by ECMWF Figure 168: Rain at Apr. by ECMWF

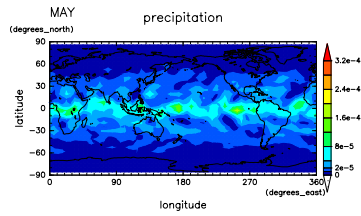


Figure 169: Rain at May by DCPAM

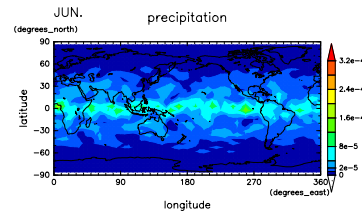


Figure 172: Rain at Jun. by DCPAM

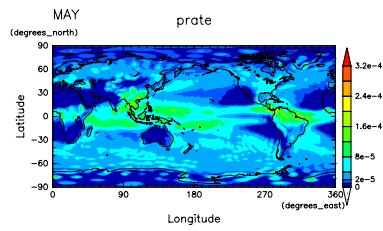


Figure 170: Rain at May by NCEP

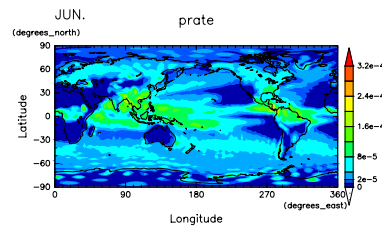


Figure 173: Rain at Jun. by NCEP

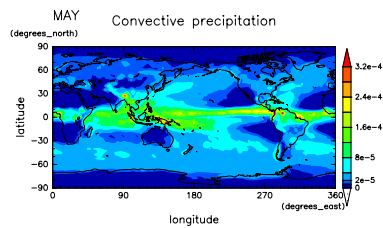


Figure 171: Rain at May by ECMWF

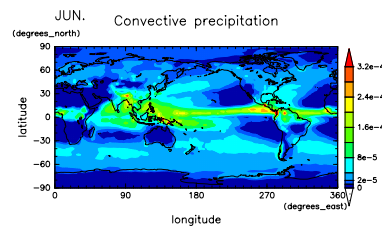


Figure 174: Rain at Jun. by ECMWF

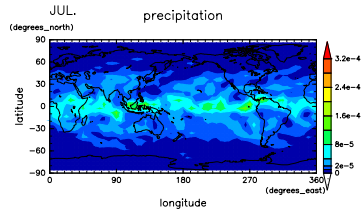


Figure 175: Rain at Jul. by DCPAM

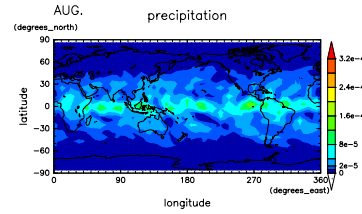


Figure 178: Rain at Aug. by DCPAM

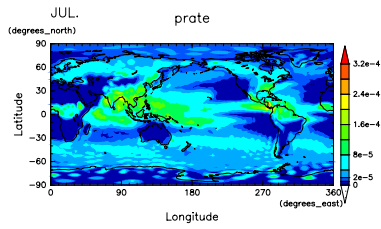


Figure 176: Rain at Jul. by NCEP

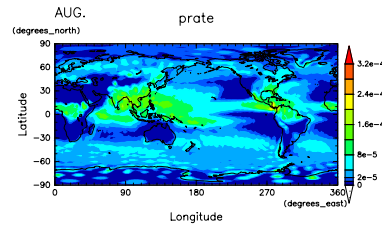


Figure 179: Rain at Aug. by NCEP

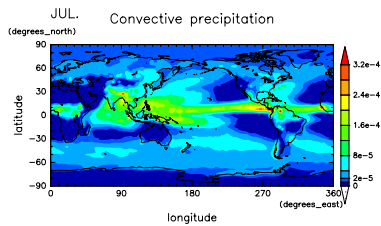


Figure 177: Rain at Jul. by ECMWF

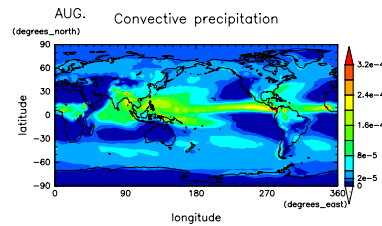


Figure 180: Rain at Aug. by ECMWF

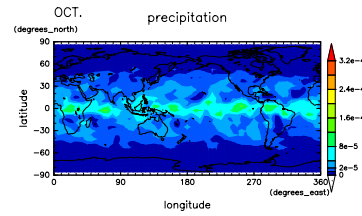
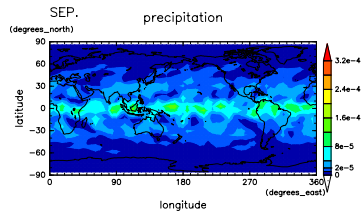


Figure 181: Rain at Sep. by DCPAM Figure 184: Rain at Oct. by DCPAM

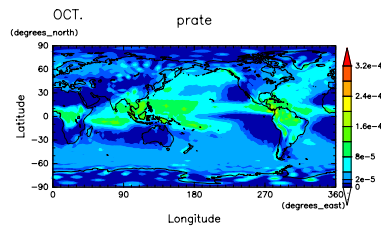
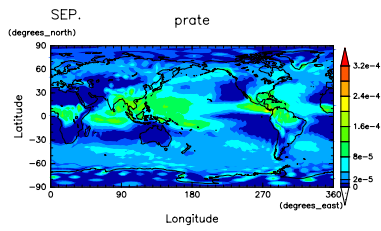


Figure 182: Rain at Sep. by NCEP Figure 185: Rain at Oct. by NCEP

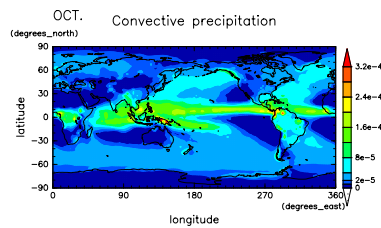
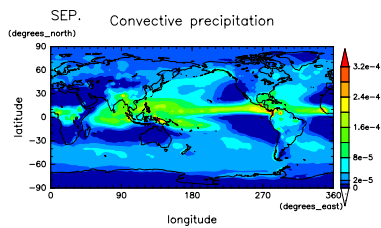


Figure 183: Rain at Sep. by ECMWF Figure 186: Rain at Oct. by ECMWF

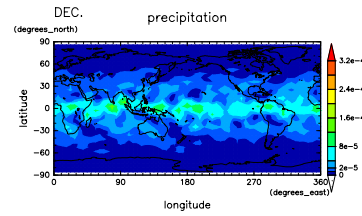
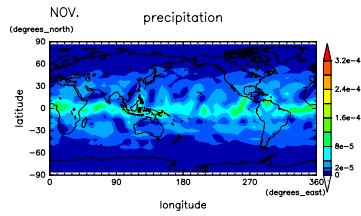


Figure 187: Rain at Nov. by DCPAM Figure 190: Rain at Dec. by DCPAM

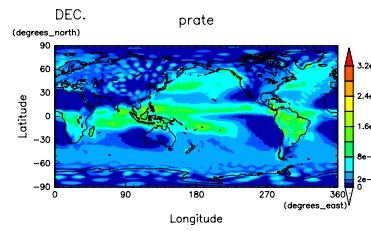
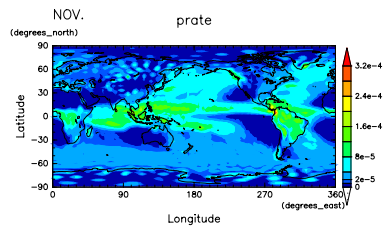


Figure 188: Rain at Nov. by NCEP Figure 191: Rain at Dec. by NCEP

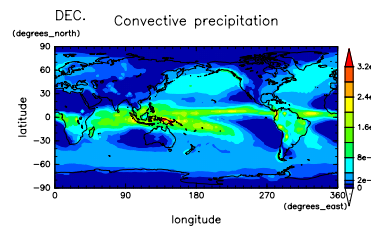
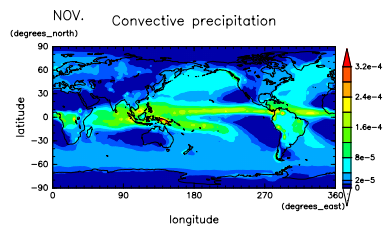


Figure 189: Rain at Nov. by ECMWF Figure 192: Rain at Dec. by ECMWF

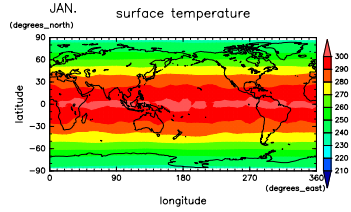


Figure 193: SurfTemp at Jan. by DC-PAM

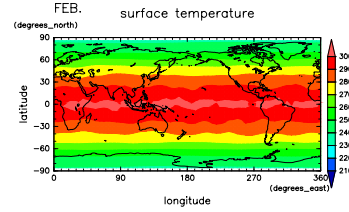


Figure 195: SurfTemp at Feb. by DC-PAM

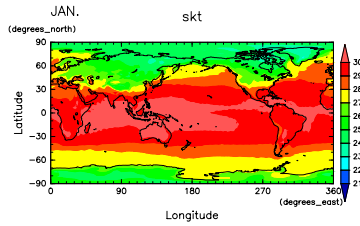


Figure 194: skt at Jan. by NCEP

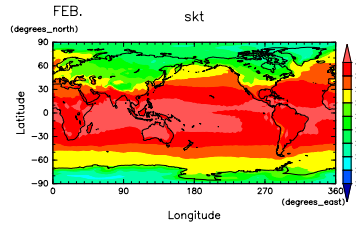


Figure 196: skt at Feb. by NCEP

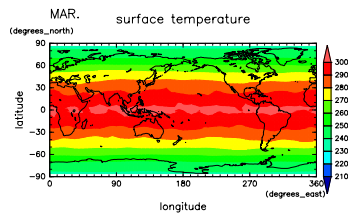


Figure 197: SurfTemp at Mar. by DC-PAM

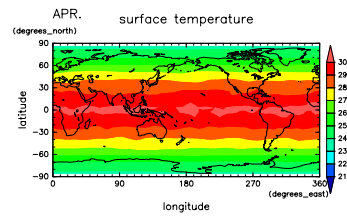


Figure 199: SurfTemp at Apr. by DC-PAM

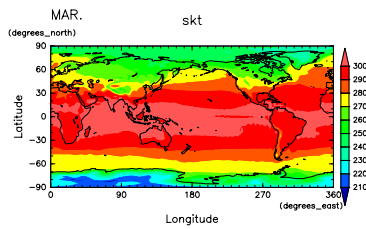


Figure 198: skt at Mar. by NCEP



Figure 200: skt at Apr. by NCEP

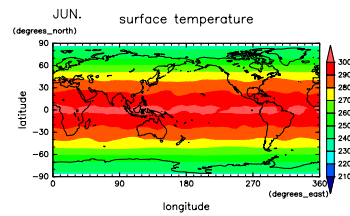
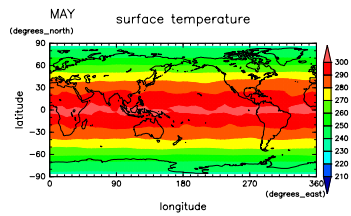


Figure 201: SurfTemp at May by DC-PAM

Figure 203: SurfTemp at Jun. by DC-PAM

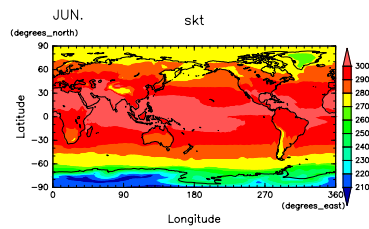
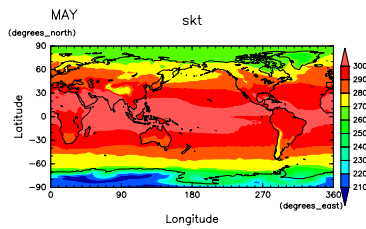


Figure 202: skt at May by NCEP

Figure 204: skt at Jun. by NCEP

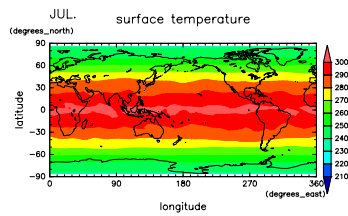


Figure 205: SurfTemp at Jul. by DC-PAM

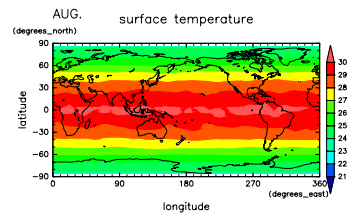


Figure 207: SurfTemp at Aug. by DC-PAM

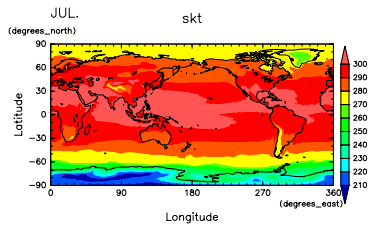


Figure 206: skt at Jul. by NCEP

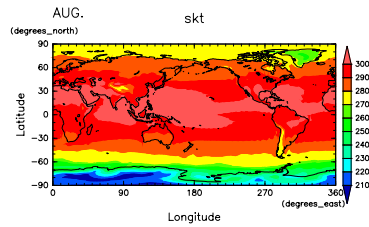


Figure 208: skt at Aug. by NCEP

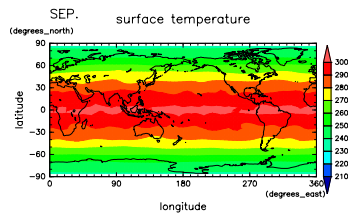


Figure 209: SurfTemp at Sep. by DC-PAM

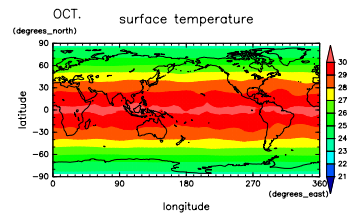


Figure 211: SurfTemp at Oct. by DC-PAM

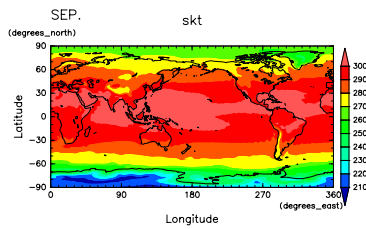


Figure 210: skt at Sep. by NCEP

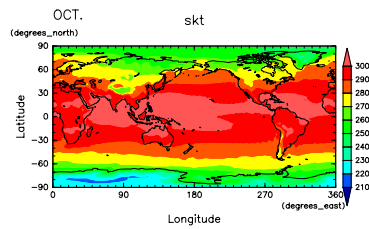


Figure 212: skt at Oct. by NCEP

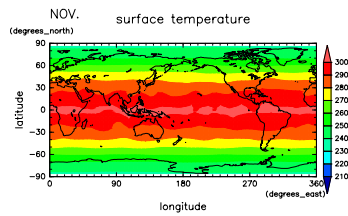


Figure 213: SurfTemp at Nov. by DC-PAM

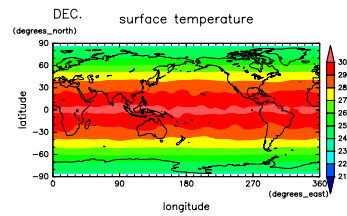


Figure 215: SurfTemp at Dec. by DC-PAM

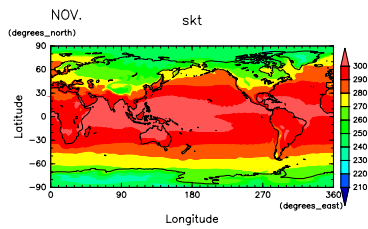


Figure 214: skt at Nov. by NCEP

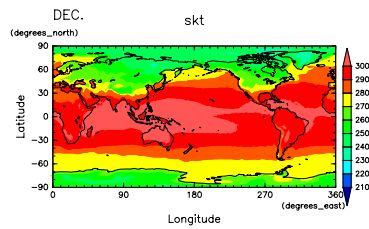


Figure 216: skt at Dec. by NCEP

0.2.7 Monthly mean latitude-pressure (linear) distribution

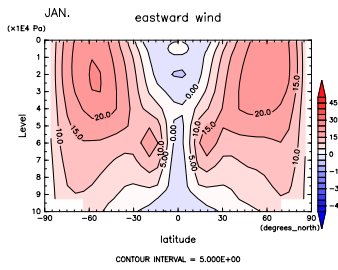


Figure 217: U at Jan. by DCPAM

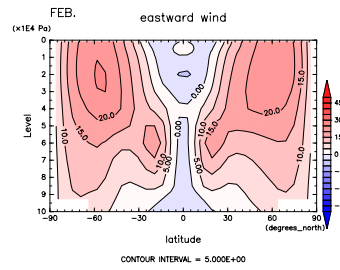


Figure 220: U at Feb. by DCPAM

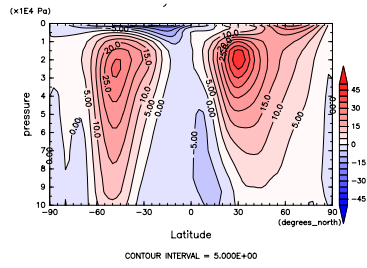


Figure 218: U at Jan. by NCEP

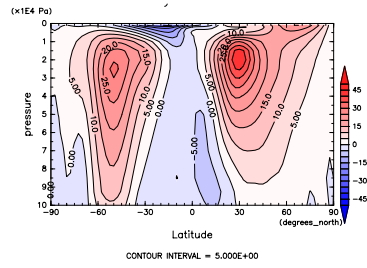


Figure 221: U at Feb. by NCEP

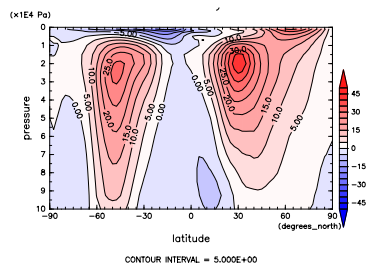


Figure 219: U at Jan. by ECMWF

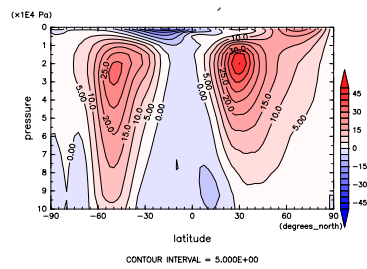


Figure 222: U at Feb. by ECMWF

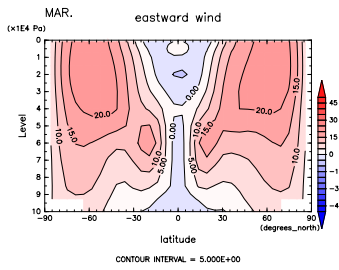


Figure 223: U at Mar. by DCPAM

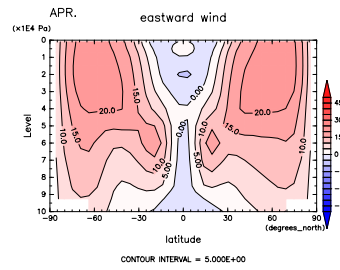


Figure 226: U at Apr. by DCPAM

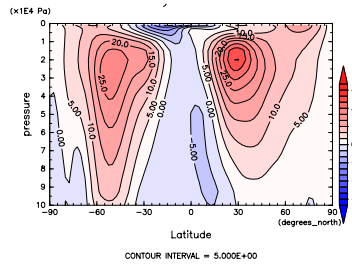


Figure 224: U at Mar. by NCEP

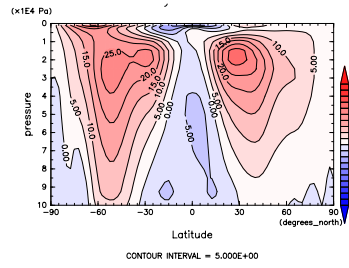


Figure 227: U at Apr. by NCEP

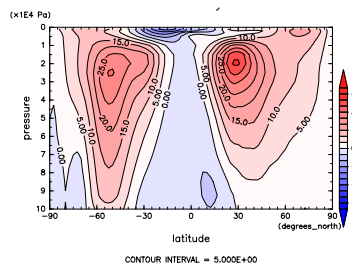


Figure 225: U at Mar. by ECMWF

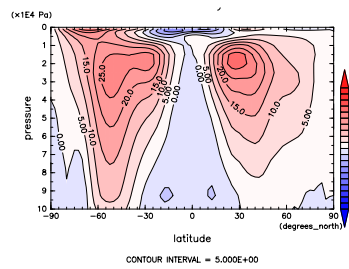


Figure 228: U at Apr. by ECMWF

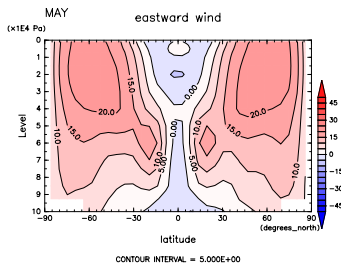


Figure 229: U at May by DCPAM

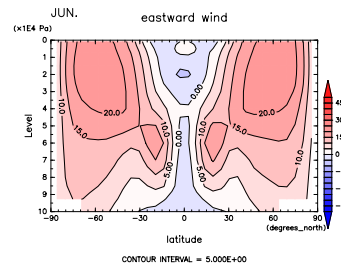


Figure 232: U at Jun. by DCPAM

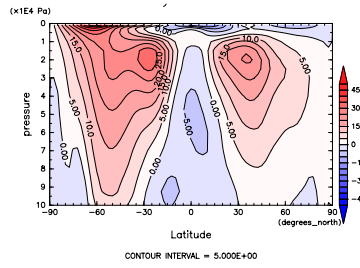


Figure 230: U at May by NCEP

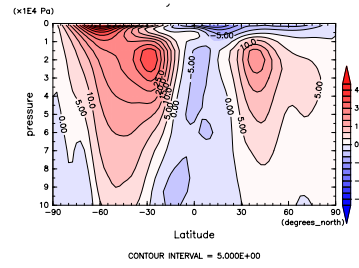


Figure 233: U at Jun. by NCEP

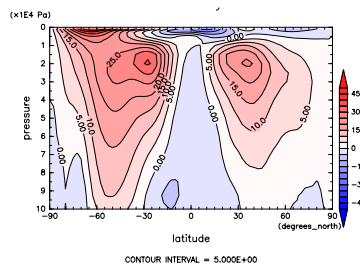


Figure 231: U at May by ECMWF

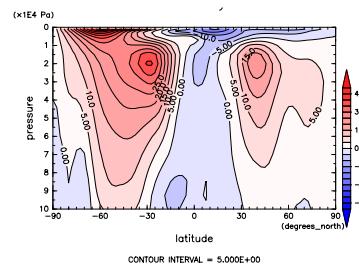


Figure 234: U at Jun. by ECMWF

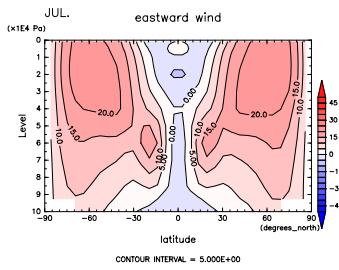


Figure 235: U at Jul. by DCPAM

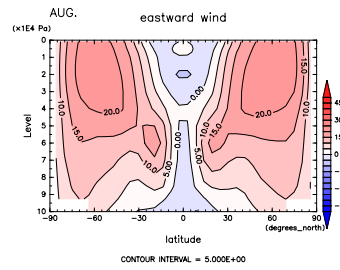


Figure 238: U at Aug. by DCPAM

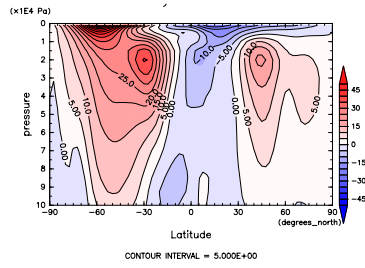


Figure 236: U at Jul. by NCEP

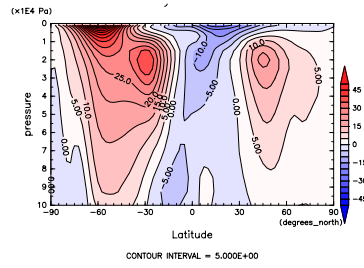


Figure 239: U at Aug. by NCEP

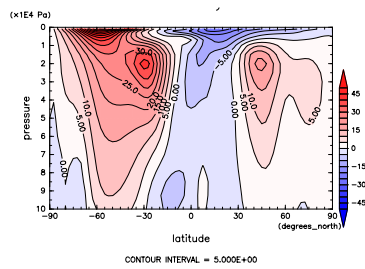


Figure 237: U at Jul. by ECMWF

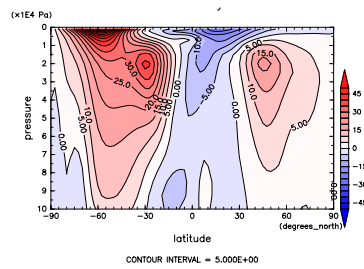


Figure 240: U at Aug. by ECMWF

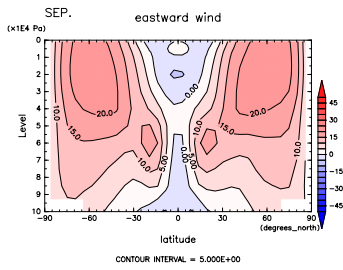


Figure 241: U at Sep. by DCPAM

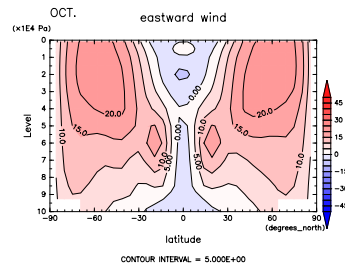


Figure 244: U at Oct. by DCPAM



Figure 242: U at Sep. by NCEP

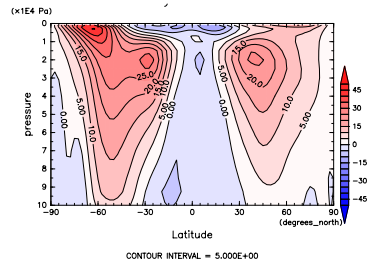


Figure 245: U at Oct. by NCEP



Figure 243: U at Sep. by ECMWF

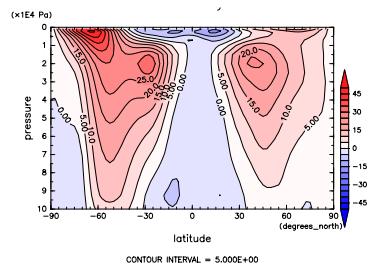


Figure 246: U at Oct. by ECMWF

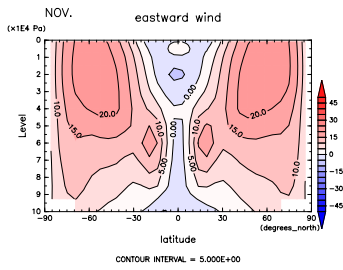


Figure 247: U at Nov. by DCPAM

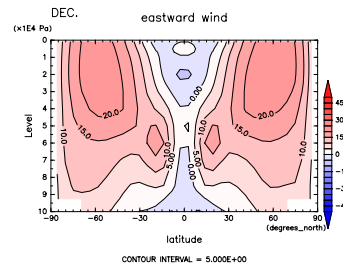


Figure 250: U at Dec. by DCPAM

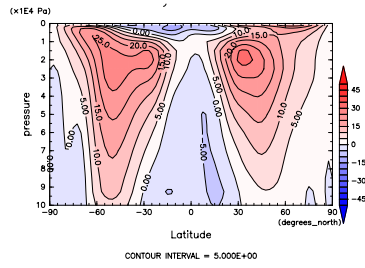


Figure 248: U at Nov. by NCEP

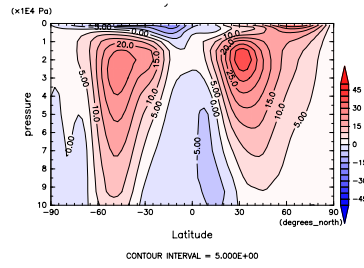


Figure 251: U at Dec. by NCEP

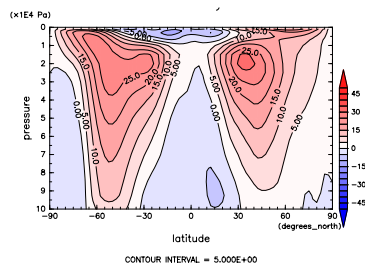


Figure 249: U at Nov. by ECMWF

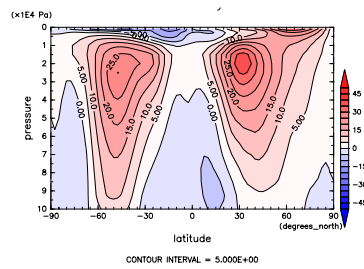


Figure 252: U at Dec. by ECMWF

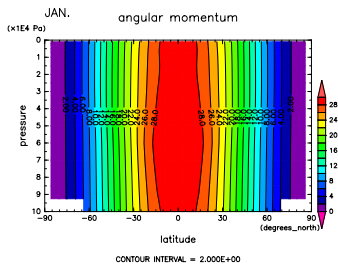


Figure 253: ANGMOM at Jan. by DCPAM

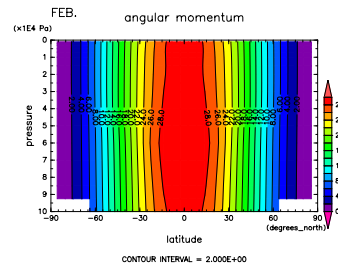


Figure 256: ANGMOM at Feb. by DCPAM

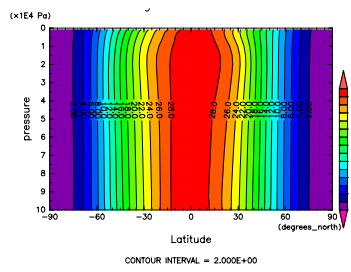


Figure 254: ANGMOM at Jan. by NCEP

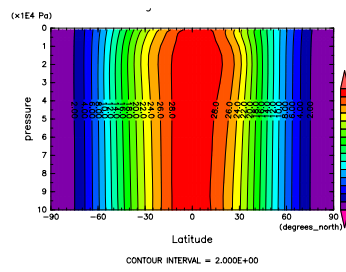


Figure 257: ANGMOM at Feb. by NCEP

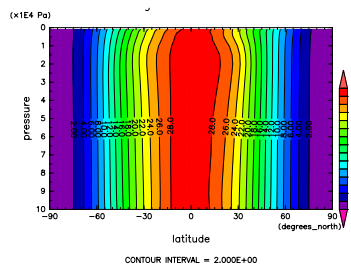


Figure 255: ANGMOM at Jan. by ECMWF

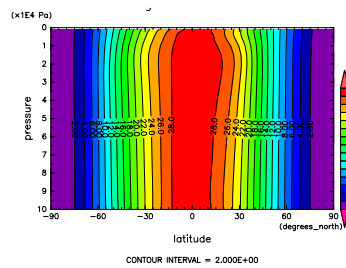


Figure 258: ANGMOM at Feb. by ECMWF

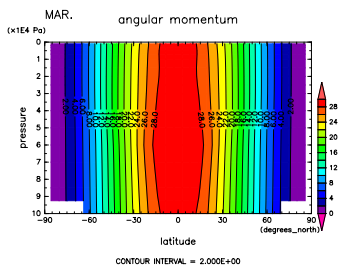


Figure 259: ANGMOM at Mar. by DCPAM

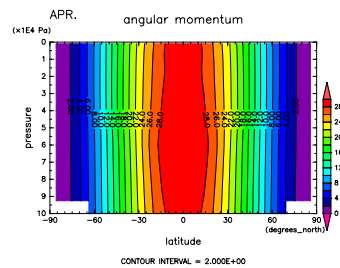


Figure 262: ANGMOM at Apr. by DCPAM

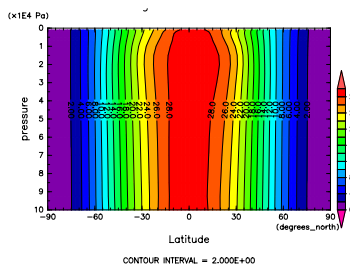


Figure 260: ANGMOM at Mar. by NCEP

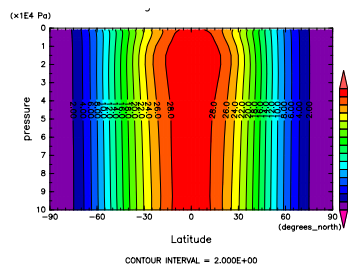


Figure 263: ANGMOM at Apr. by NCEP

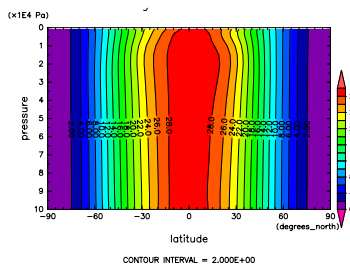


Figure 261: ANGMOM at Mar. by ECMWF

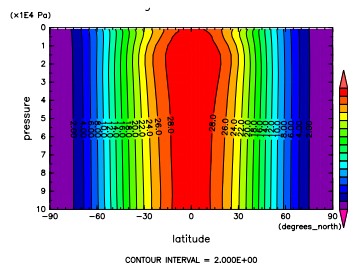


Figure 264: ANGMOM at Apr. by ECMWF

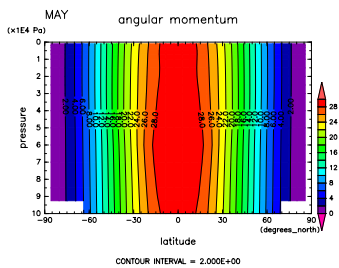


Figure 265: ANGMOM at May by DCPAM

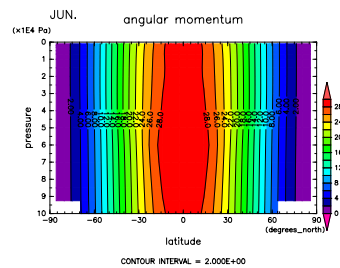


Figure 268: ANGMOM at Jun. by DCPAM

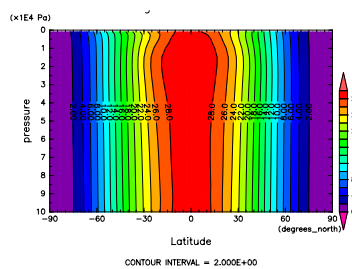


Figure 266: ANGMOM at May by NCEP

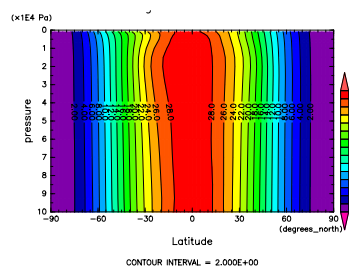


Figure 269: ANGMOM at Jun. by NCEP

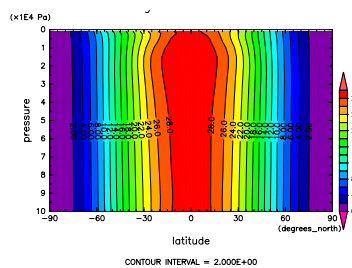


Figure 267: ANGMOM at May by ECMWF

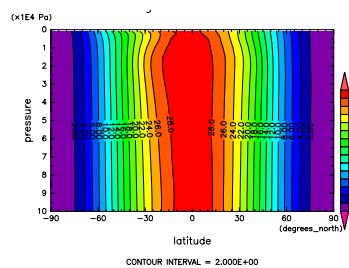


Figure 270: ANGMOM at Jun. by ECMWF

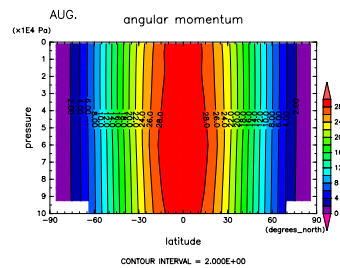
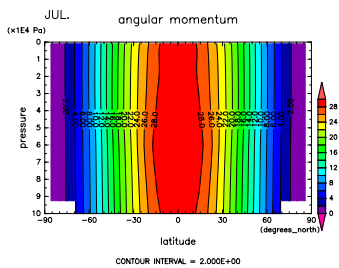


Figure 271: ANGMOM at Jul. by DCPAM by Figure 274: ANGMOM at Aug. by DCPAM

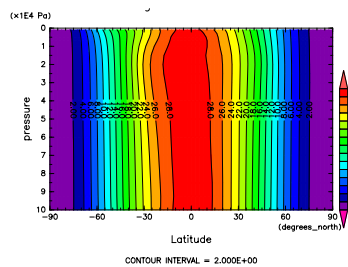
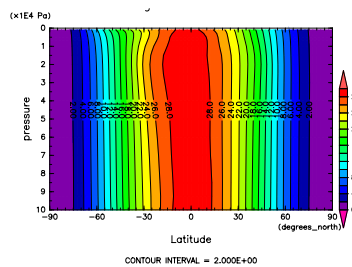


Figure 272: ANGMOM at Jul. by NCEP by Figure 275: ANGMOM at Aug. by NCEP

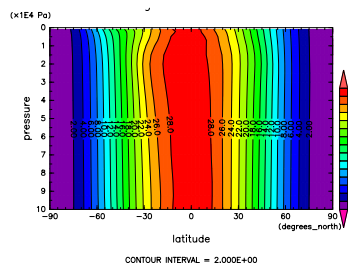
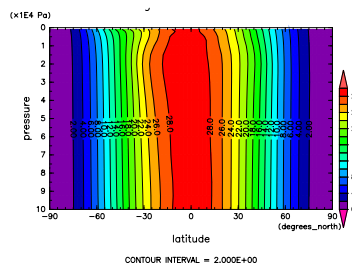


Figure 273: ANGMOM at Jul. by ECMWF by Figure 276: ANGMOM at Aug. by ECMWF

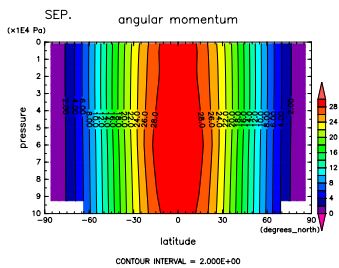


Figure 277: ANGMOM at Sep. by DCPAM

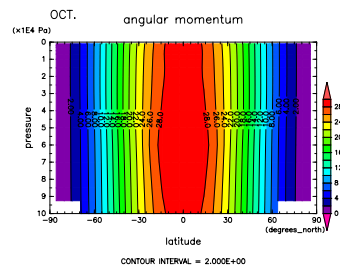


Figure 280: ANGMOM at Oct. by DCPAM

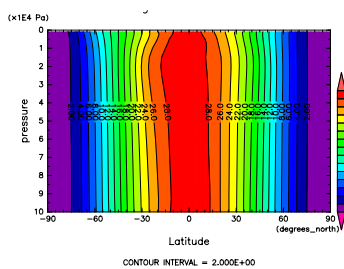


Figure 278: ANGMOM at Sep. by NCEP

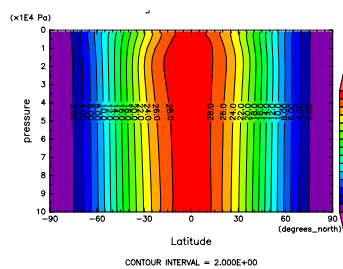


Figure 281: ANGMOM at Oct. by NCEP

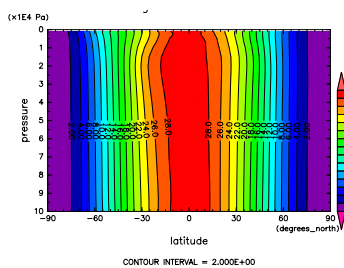


Figure 279: ANGMOM at Sep. by ECMWF

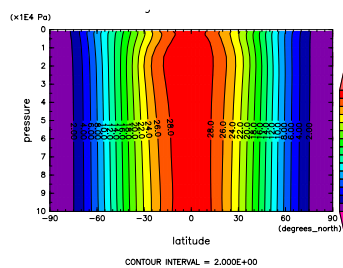


Figure 282: ANGMOM at Oct. by ECMWF

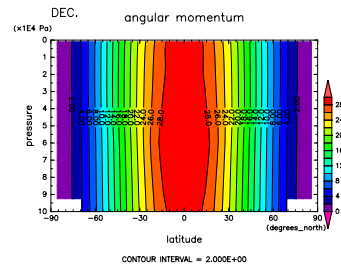
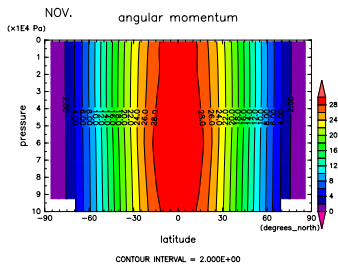


Figure 283: ANGMOM at Nov. by DCPAM by Figure 286: ANGMOM at Dec. by DCPAM

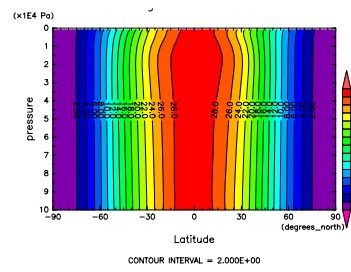
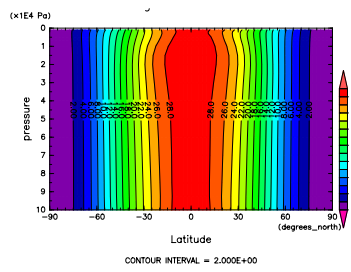


Figure 284: ANGMOM at Nov. by NCEP by Figure 287: ANGMOM at Dec. by NCEP

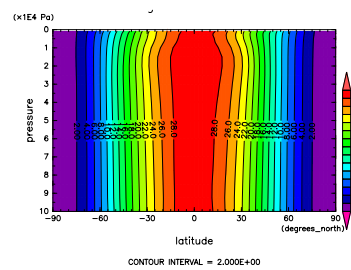
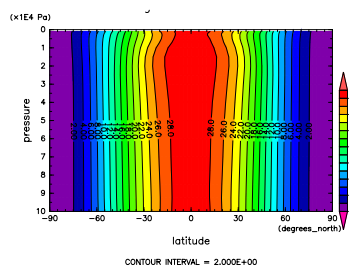


Figure 285: ANGMOM at Nov. by ECMWF by Figure 288: ANGMOM at Dec. by ECMWF

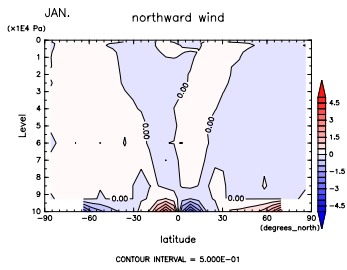


Figure 289: V at Jan. by DCPAM

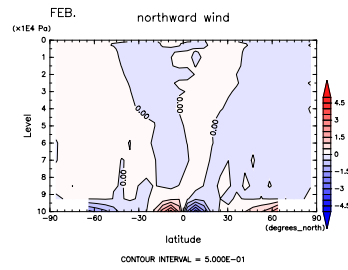


Figure 292: V at Feb. by DCPAM

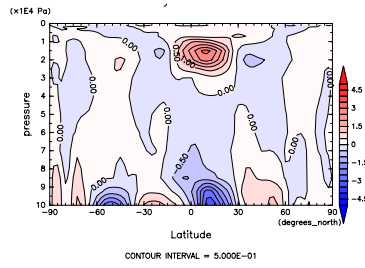


Figure 290: V at Jan. by NCEP

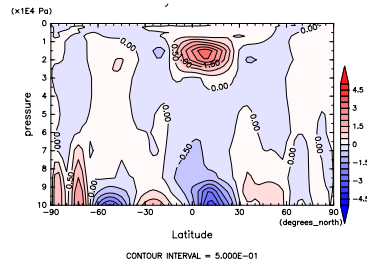


Figure 293: V at Feb. by NCEP

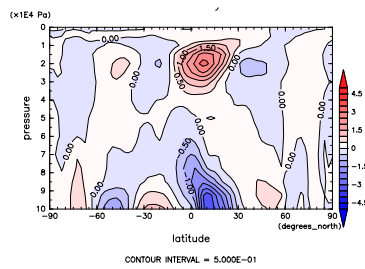


Figure 291: V at Jan. by ECMWF

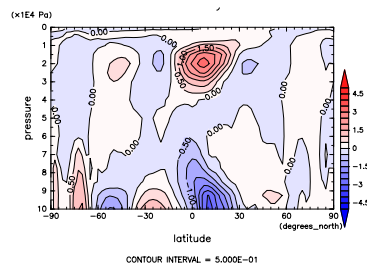


Figure 294: V at Feb. by ECMWF

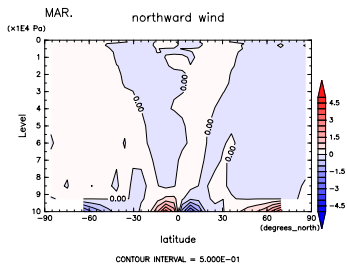


Figure 295: V at Mar. by DCPAM

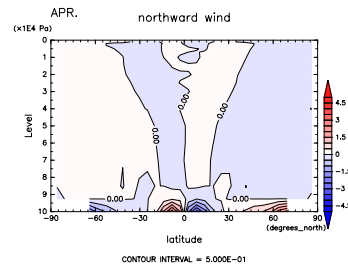


Figure 298: V at Apr. by DCPAM

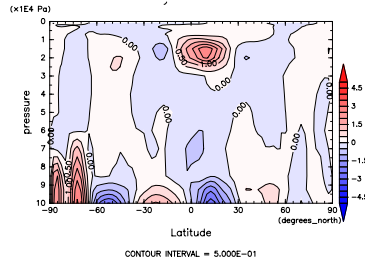


Figure 296: V at Mar. by NCEP

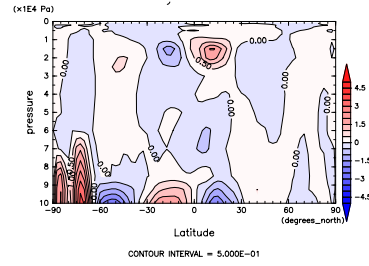


Figure 299: V at Apr. by NCEP

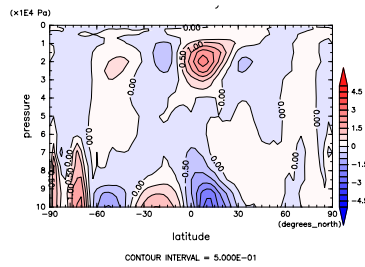


Figure 297: V at Mar. by ECMWF

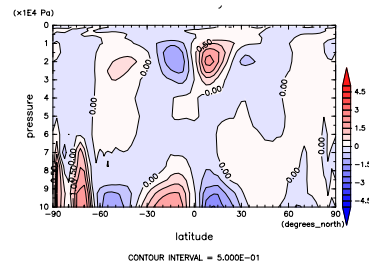


Figure 300: V at Apr. by ECMWF

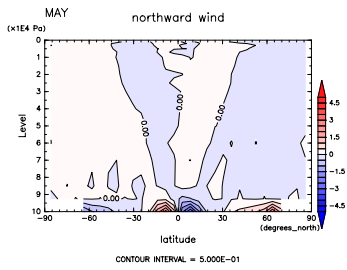


Figure 301: V at May by DCPAM

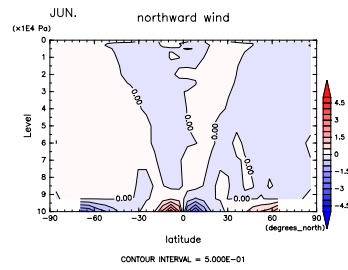


Figure 304: V at Jun. by DCPAM

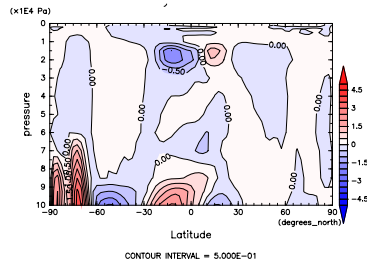


Figure 302: V at May by NCEP

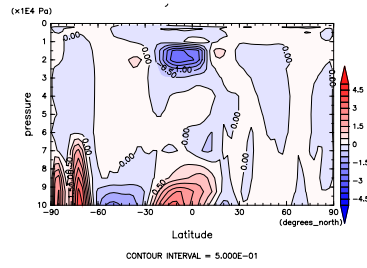


Figure 305: V at Jun. by NCEP



Figure 303: V at May by ECMWF

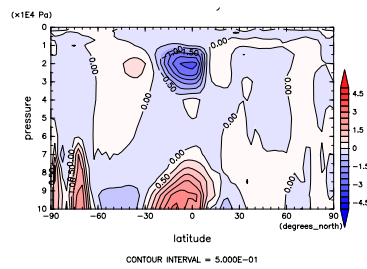


Figure 306: V at Jun. by ECMWF

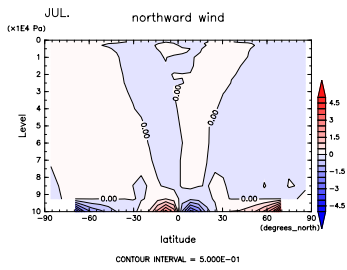


Figure 307: V at Jul. by DCPAM

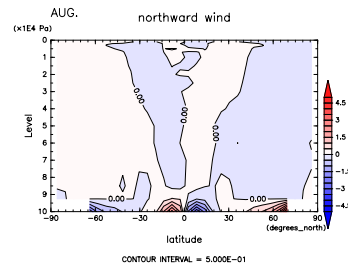


Figure 310: V at Aug. by DCPAM

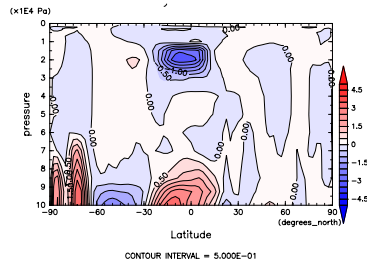


Figure 308: V at Jul. by NCEP

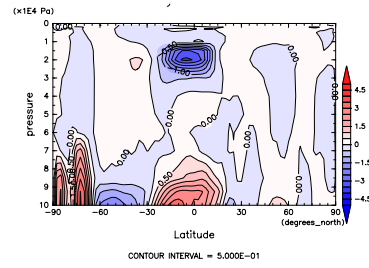


Figure 311: V at Aug. by NCEP

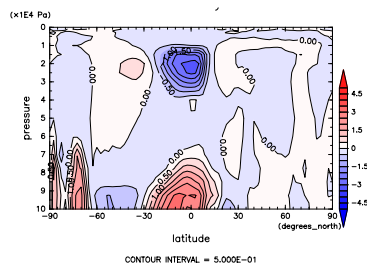


Figure 309: V at Jul. by ECMWF

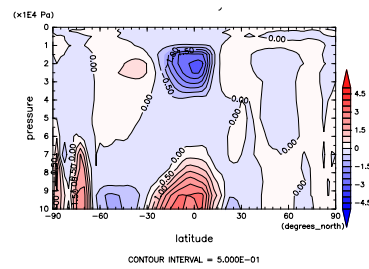


Figure 312: V at Aug. by ECMWF

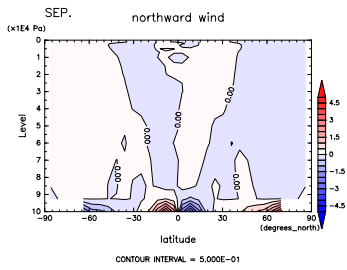


Figure 313: V at Sep. by DCPAM

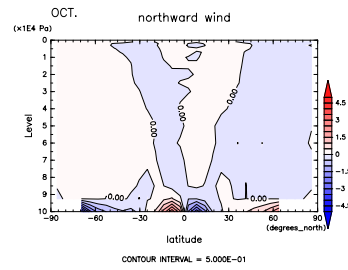


Figure 316: V at Oct. by DCPAM

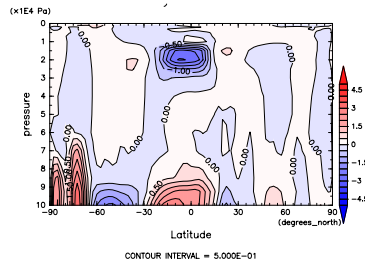


Figure 314: V at Sep. by NCEP

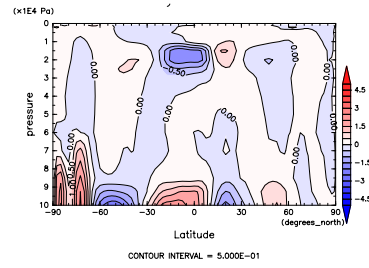


Figure 317: V at Oct. by NCEP

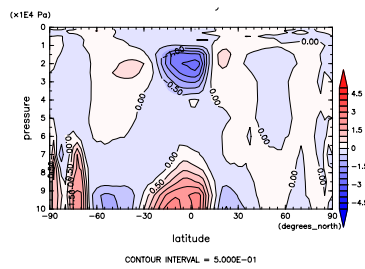


Figure 315: V at Sep. by ECMWF

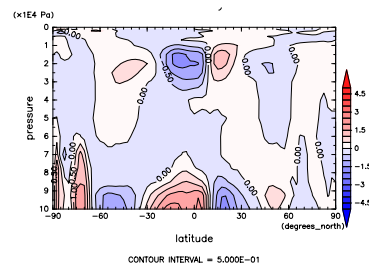


Figure 318: V at Oct. by ECMWF

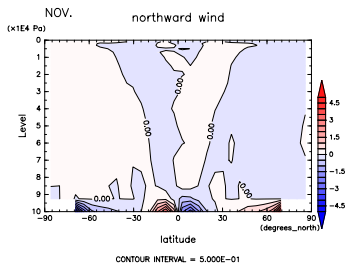


Figure 319: V at Nov. by DCPAM

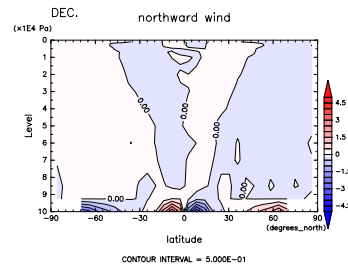


Figure 322: V at Dec. by DCPAM

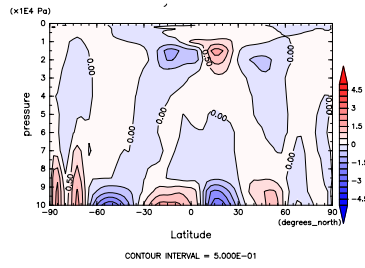


Figure 320: V at Nov. by NCEP



Figure 323: V at Dec. by NCEP

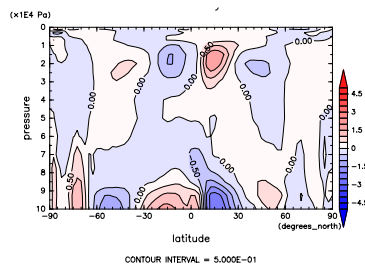


Figure 321: V at Nov. by ECMWF



Figure 324: V at Dec. by ECMWF

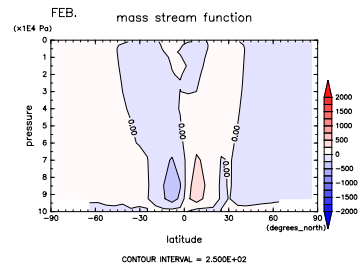
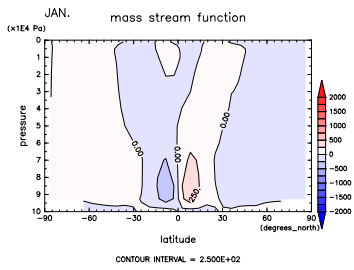


Figure 325: MSF at Jan. by DCPAM Figure 328: MSF at Feb. by DCPAM

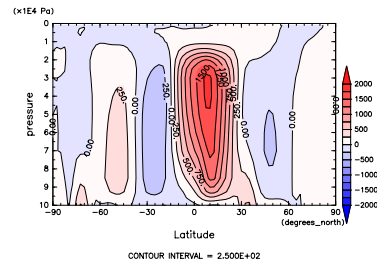
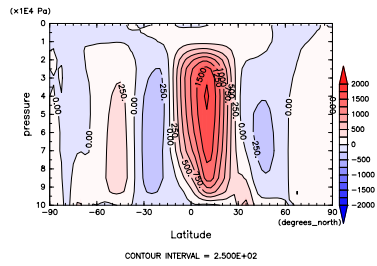


Figure 326: MSF at Jan. by NCEP

Figure 329: MSF at Feb. by NCEP

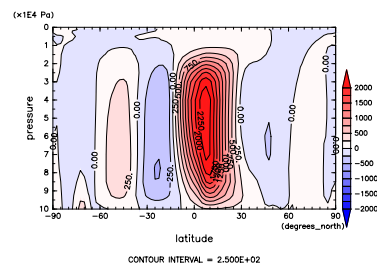
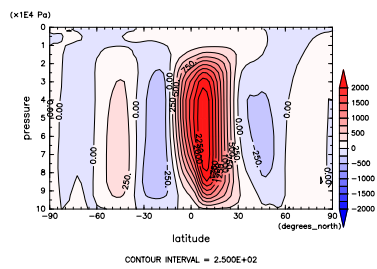


Figure 327: MSF at Jan. by ECMWF

Figure 330: MSF at Feb. by ECMWF

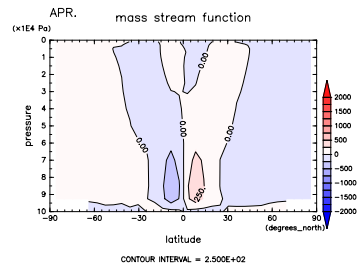
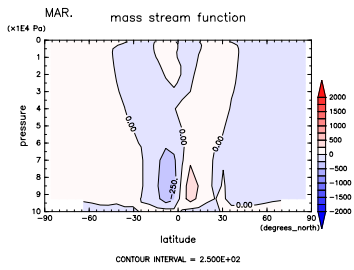


Figure 331: MSF at Mar. by DCPAM Figure 334: MSF at Apr. by DCPAM

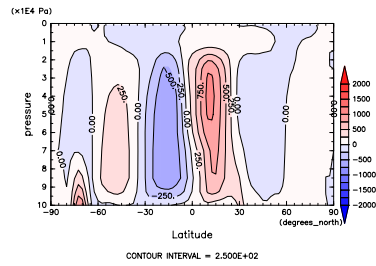


Figure 332: MSF at Mar. by NCEP Figure 335: MSF at Apr. by NCEP

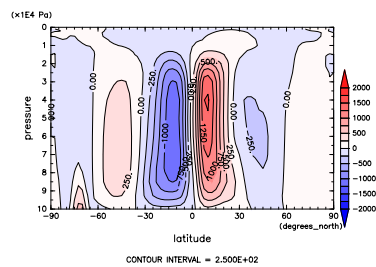
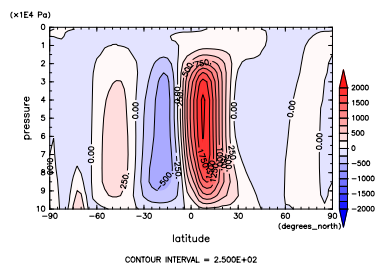


Figure 333: MSF at Mar. by ECMWF Figure 336: MSF at Apr. by ECMWF

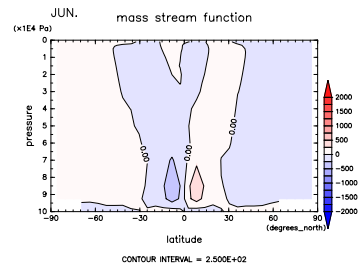
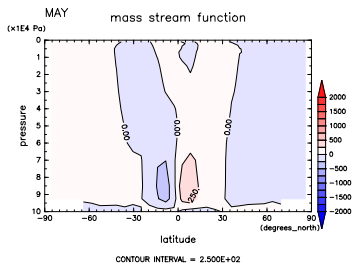


Figure 337: MSF at May by DCPAM Figure 340: MSF at Jun. by DCPAM

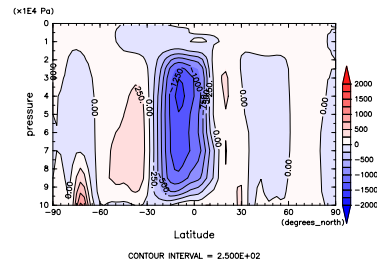
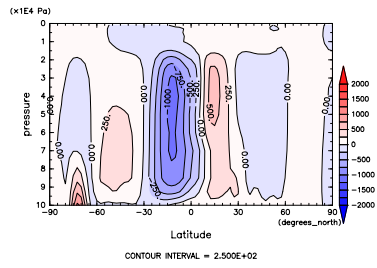


Figure 338: MSF at May by NCEP Figure 341: MSF at Jun. by NCEP

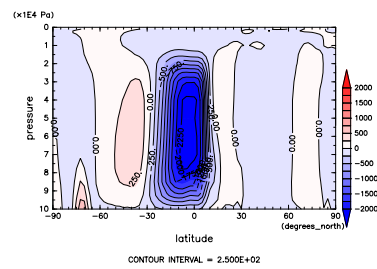
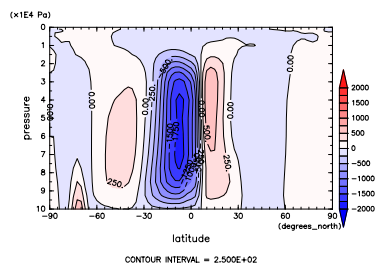


Figure 339: MSF at May by ECMWF Figure 342: MSF at Jun. by ECMWF

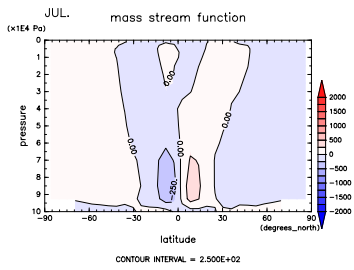


Figure 343: MSF at Jul. by DCPAM

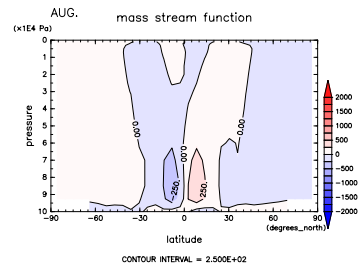


Figure 346: MSF at Aug. by DCPAM

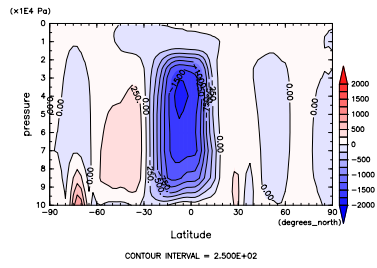


Figure 344: MSF at Jul. by NCEP

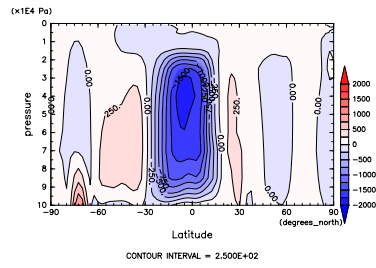


Figure 347: MSF at Aug. by NCEP

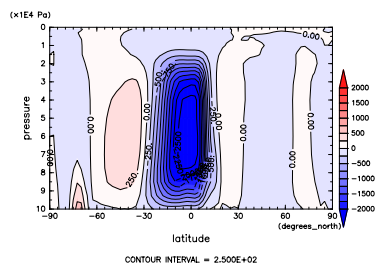


Figure 345: MSF at Jul. by ECMWF

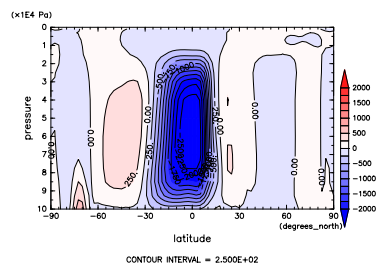


Figure 348: MSF at Aug. by ECMWF

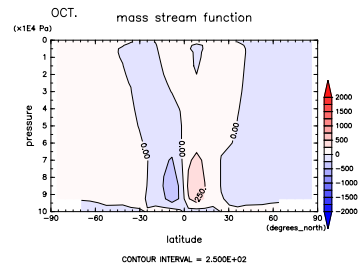
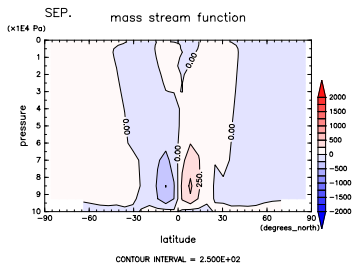


Figure 349: MSF at Sep. by DCPAM Figure 352: MSF at Oct. by DCPAM

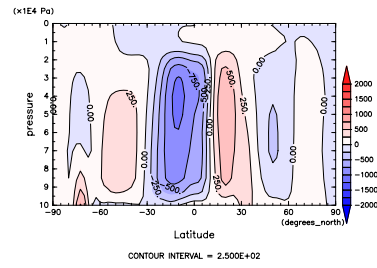
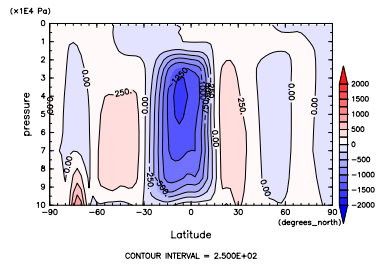


Figure 350: MSF at Sep. by NCEP

Figure 353: MSF at Oct. by NCEP

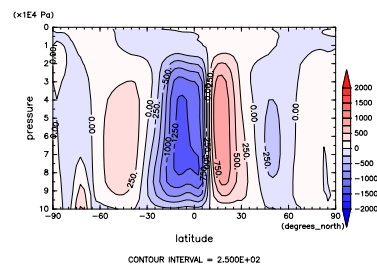
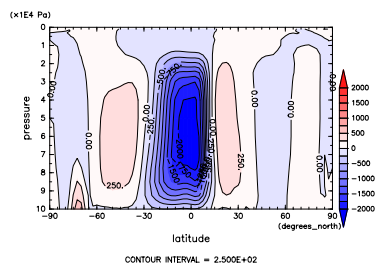


Figure 351: MSF at Sep. by ECMWF

Figure 354: MSF at Oct. by ECMWF

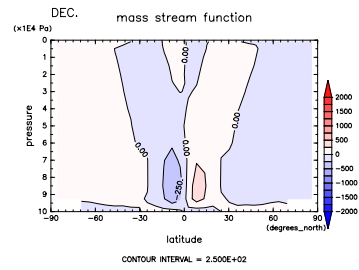
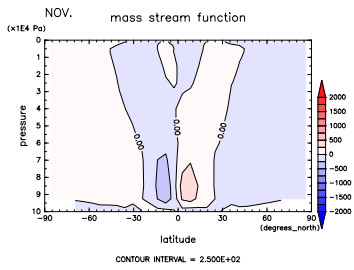


Figure 355: MSF at Nov. by DCPAM Figure 358: MSF at Dec. by DCPAM

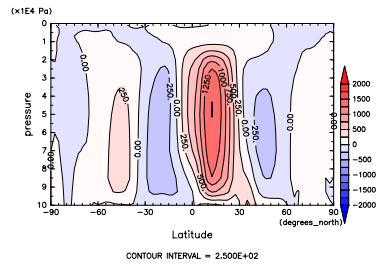
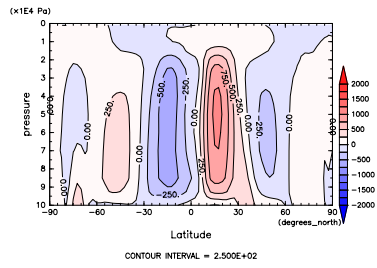


Figure 356: MSF at Nov. by NCEP Figure 359: MSF at Dec. by NCEP

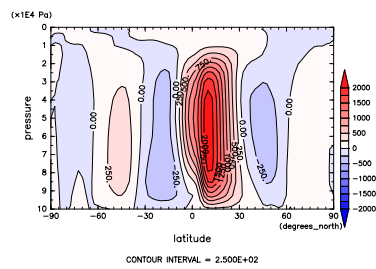
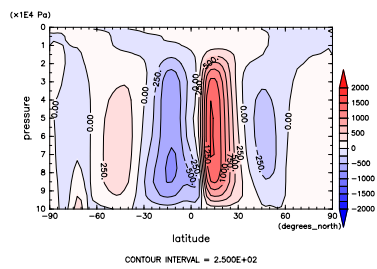


Figure 357: MSF at Nov. by ECMWF Figure 360: MSF at Dec. by ECMWF

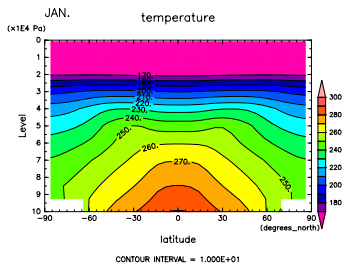


Figure 361: T at Jan. by DCPAM

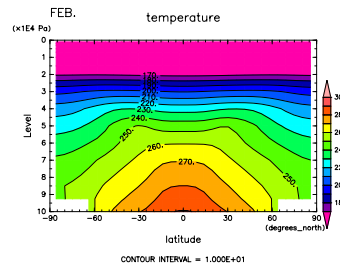


Figure 364: T at Feb. by DCPAM

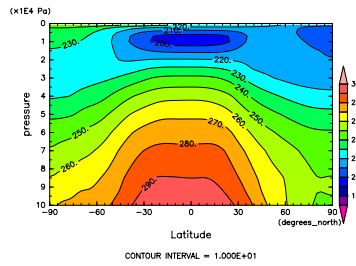


Figure 362: T at Jan. by NCEP

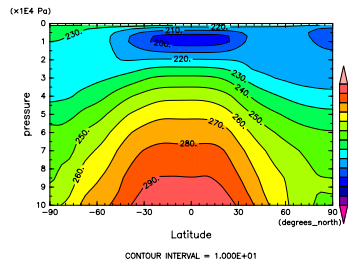


Figure 365: T at Feb. by NCEP

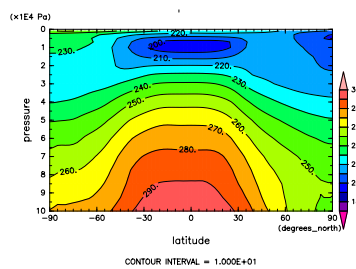


Figure 363: T at Jan. by ECMWF

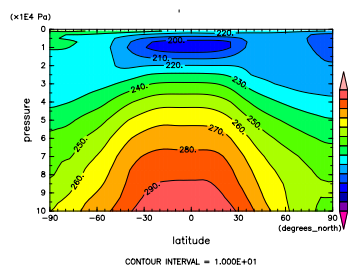


Figure 366: T at Feb. by ECMWF

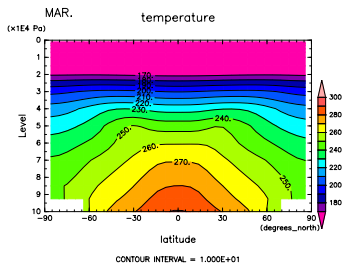


Figure 367: T at Mar. by DCPAM

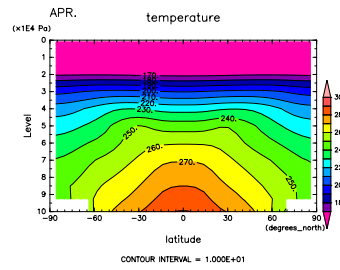


Figure 370: T at Apr. by DCPAM

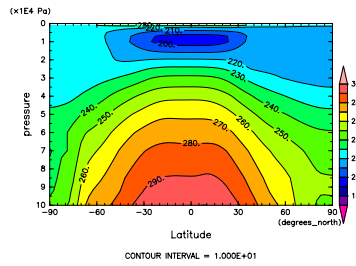


Figure 368: T at Mar. by NCEP

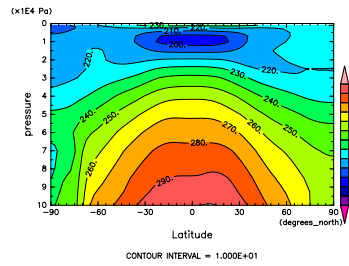


Figure 371: T at Apr. by NCEP

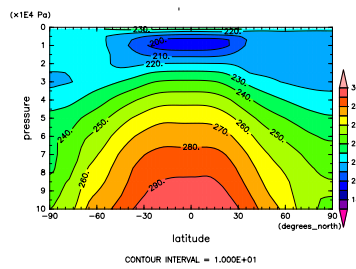


Figure 369: T at Mar. by ECMWF

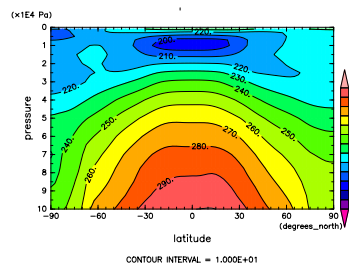


Figure 372: T at Apr. by ECMWF

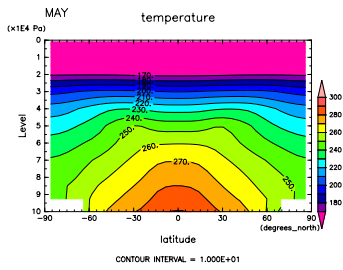


Figure 373: T at May by DCPAM

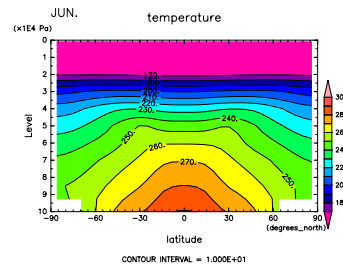


Figure 376: T at Jun. by DCPAM

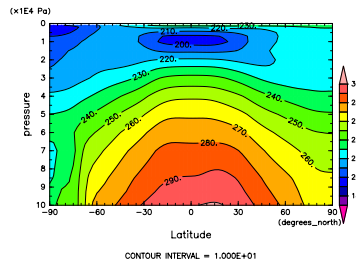


Figure 374: T at May by NCEP

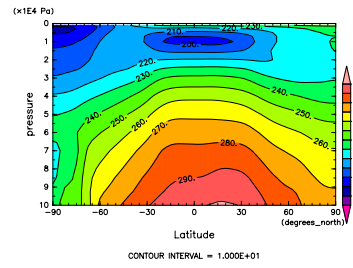


Figure 377: T at Jun. by NCEP



Figure 375: T at May by ECMWF

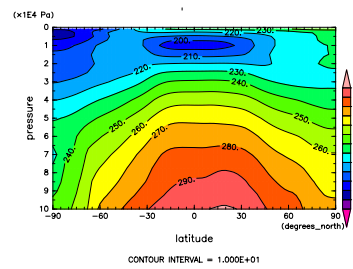


Figure 378: T at Jun. by ECMWF

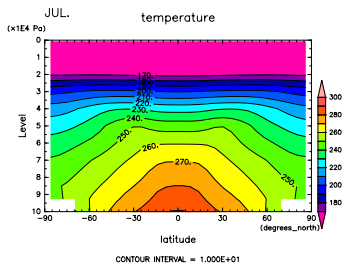


Figure 379: T at Jul. by DCPAM

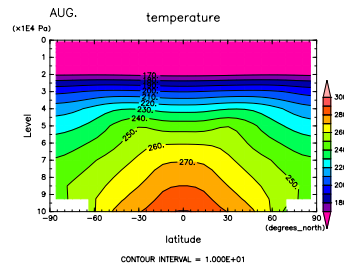


Figure 382: T at Aug. by DCPAM

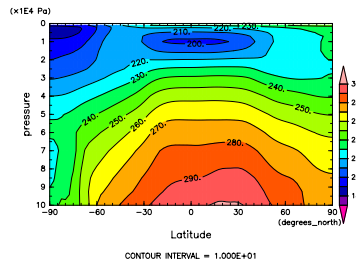


Figure 380: T at Jul. by NCEP

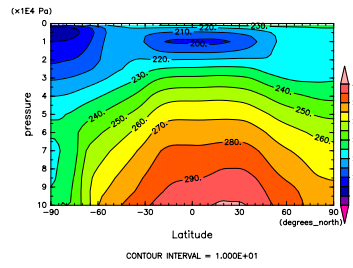


Figure 383: T at Aug. by NCEP

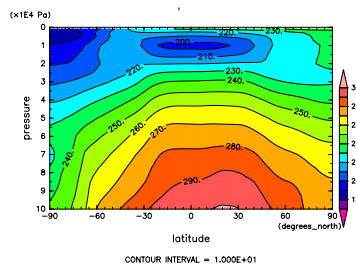


Figure 381: T at Jul. by ECMWF

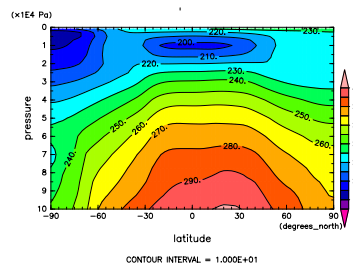


Figure 384: T at Aug. by ECMWF

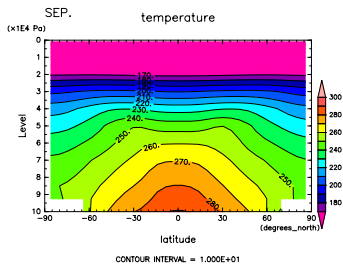


Figure 385: T at Sep. by DCPAM

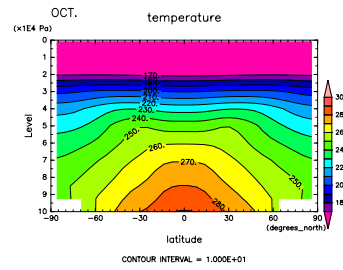


Figure 388: T at Oct. by DCPAM

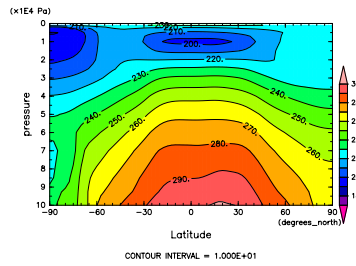


Figure 386: T at Sep. by NCEP

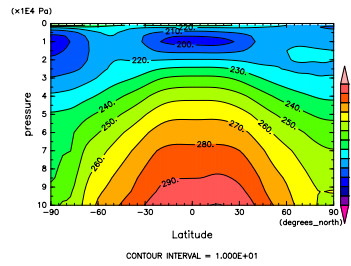


Figure 389: T at Oct. by NCEP

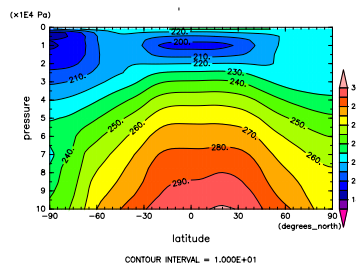


Figure 387: T at Sep. by ECMWF

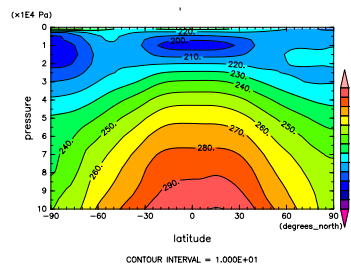


Figure 390: T at Oct. by ECMWF

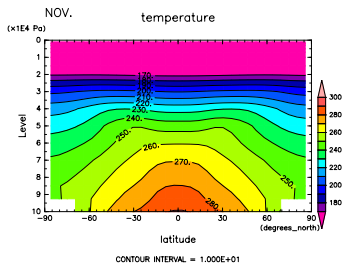


Figure 391: T at Nov. by DCPAM

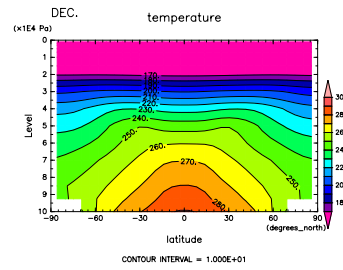


Figure 394: T at Dec. by DCPAM

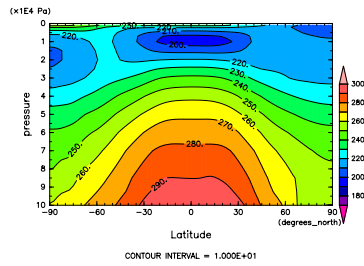


Figure 392: T at Nov. by NCEP

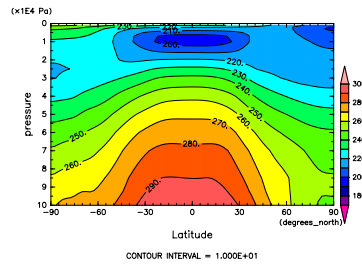


Figure 395: T at Dec. by NCEP

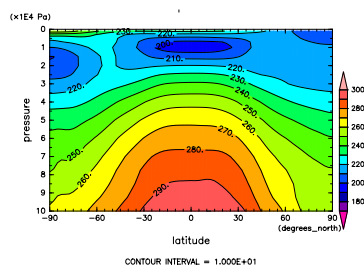


Figure 393: T at Nov. by ECMWF

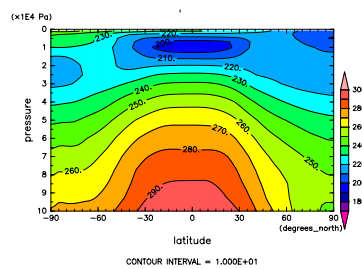


Figure 396: T at Dec. by ECMWF

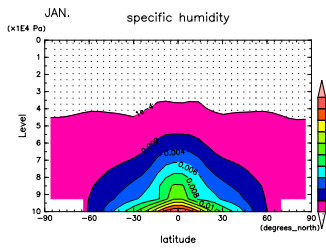


Figure 397: q at Jan. by DCPAM

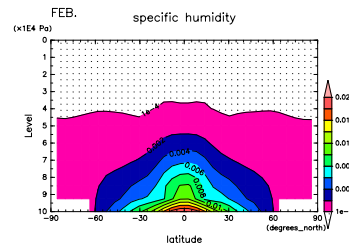


Figure 400: q at Feb. by DCPAM

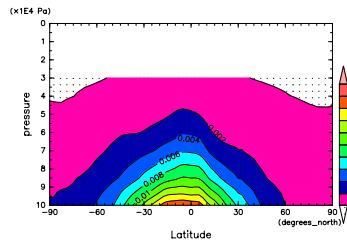


Figure 398: q at Jan. by NCEP

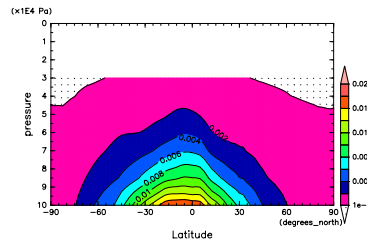


Figure 401: q at Feb. by NCEP

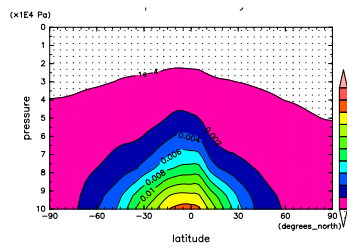


Figure 399: q at Jan. by ECMWF

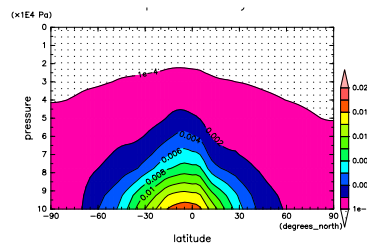


Figure 402: q at Feb. by ECMWF

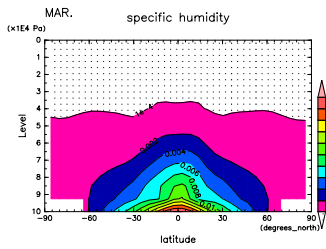


Figure 403: q at Mar. by DCPAM

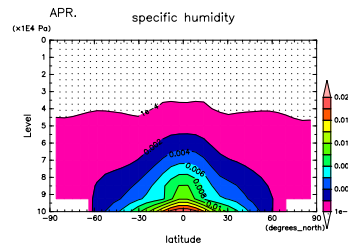


Figure 406: q at Apr. by DCPAM

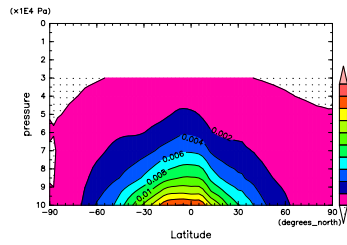


Figure 404: q at Mar. by NCEP

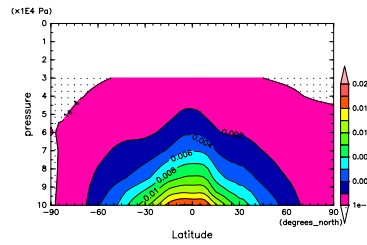


Figure 407: q at Apr. by NCEP

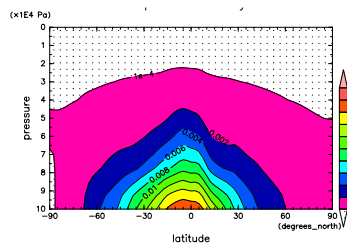


Figure 405: q at Mar. by ECMWF

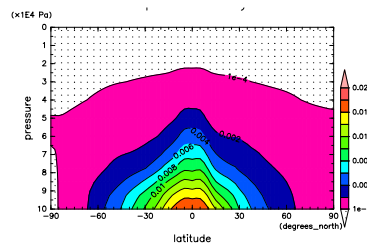


Figure 408: q at Apr. by ECMWF

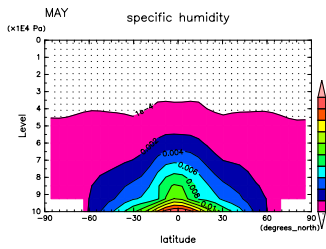


Figure 409: q at May by DCPAM

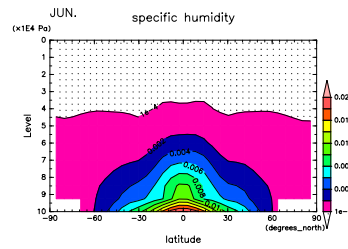


Figure 412: q at Jun. by DCPAM



Figure 410: q at May by NCEP

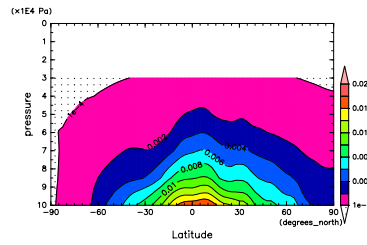


Figure 413: q at Jun. by NCEP

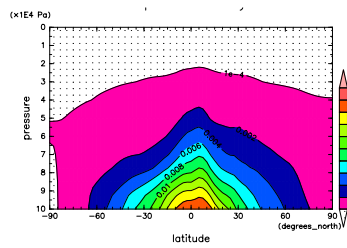


Figure 411: q at May by ECMWF

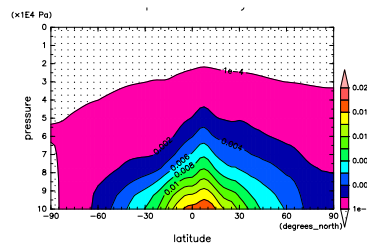


Figure 414: q at Jun. by ECMWF

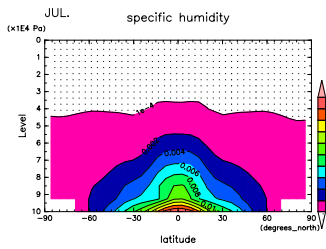


Figure 415: q at Jul. by DCPAM

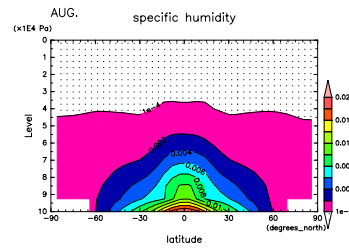


Figure 418: q at Aug. by DCPAM

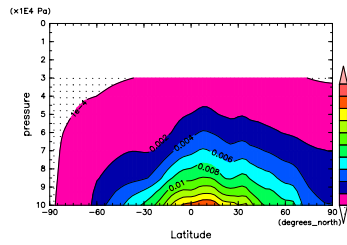


Figure 416: q at Jul. by NCEP

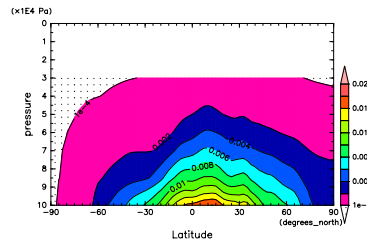


Figure 419: q at Aug. by NCEP

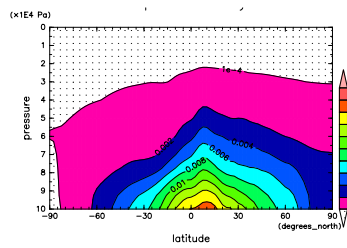


Figure 417: q at Jul. by ECMWF

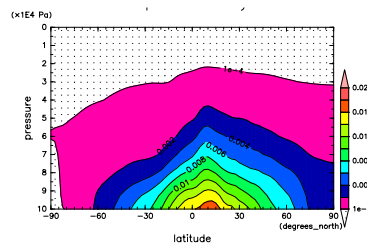


Figure 420: q at Aug. by ECMWF

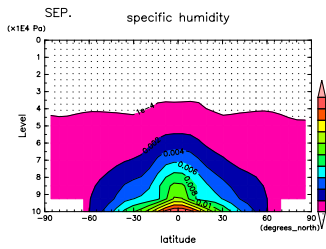


Figure 421: q at Sep. by DCPAM

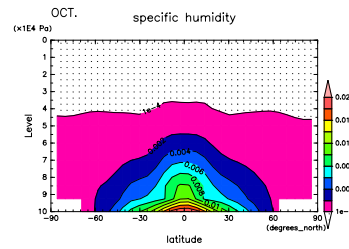


Figure 424: q at Oct. by DCPAM

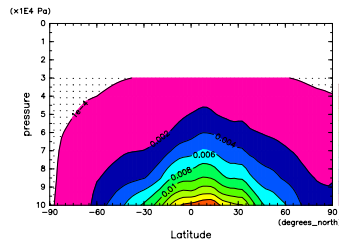


Figure 422: q at Sep. by NCEP

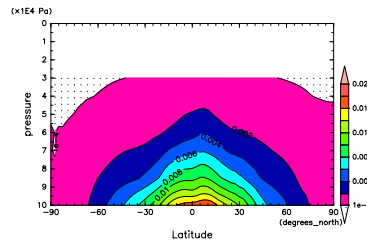


Figure 425: q at Oct. by NCEP

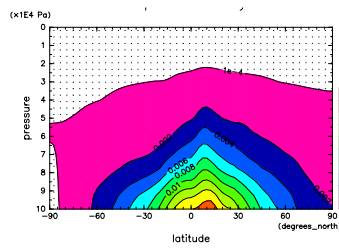


Figure 423: q at Sep. by ECMWF

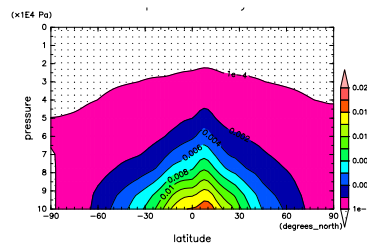


Figure 426: q at Oct. by ECMWF

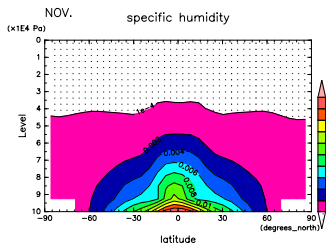


Figure 427: q at Nov. by DCPAM

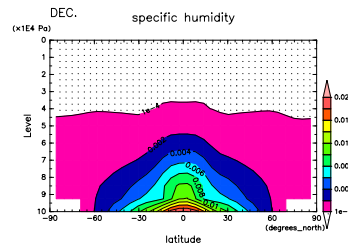


Figure 430: q at Dec. by DCPAM

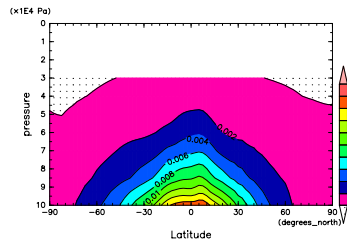


Figure 428: q at Nov. by NCEP

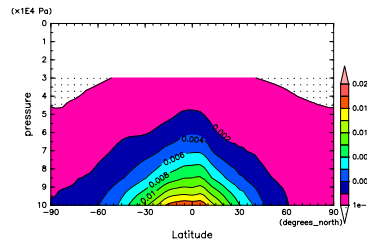


Figure 431: q at Dec. by NCEP

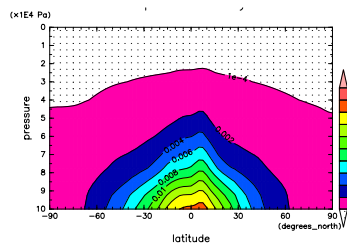


Figure 429: q at Nov. by ECMWF

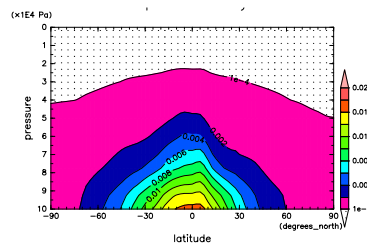


Figure 432: q at Dec. by ECMWF

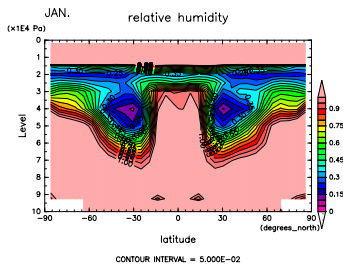


Figure 433: RH at Jan. by DCPAM

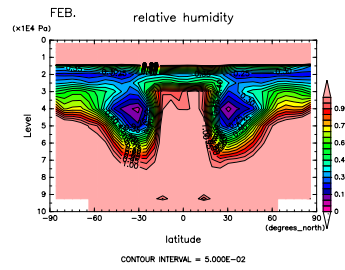


Figure 436: RH at Feb. by DCPAM

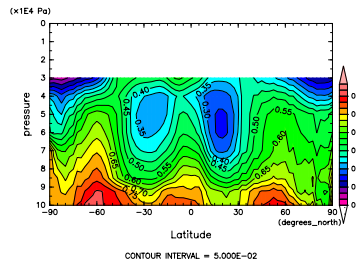


Figure 434: RH at Jan. by NCEP

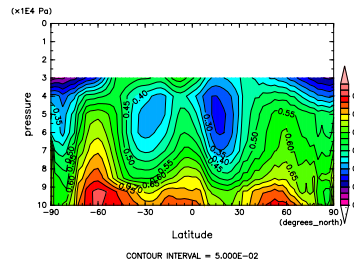


Figure 437: RH at Feb. by NCEP

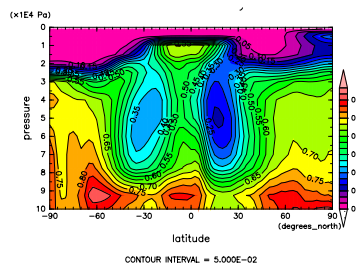


Figure 435: RH at Jan. by ECMWF

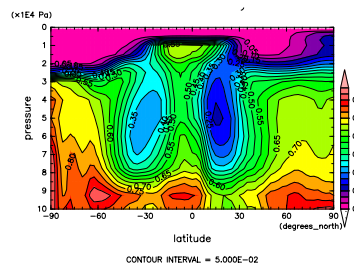


Figure 438: RH at Feb. by ECMWF

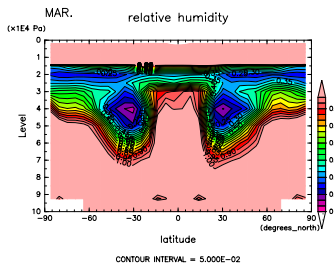


Figure 439: RH at Mar. by DCPAM

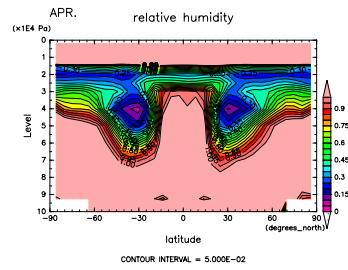


Figure 442: RH at Apr. by DCPAM

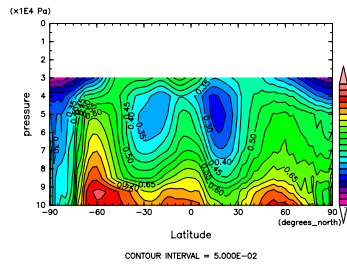


Figure 440: RH at Mar. by NCEP

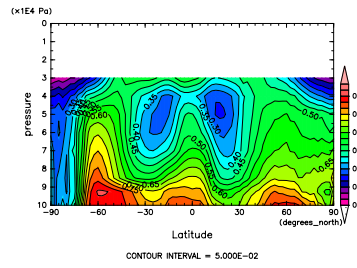


Figure 443: RH at Apr. by NCEP

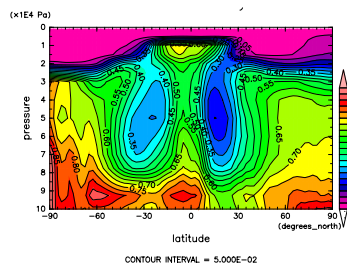


Figure 441: RH at Mar. by ECMWF

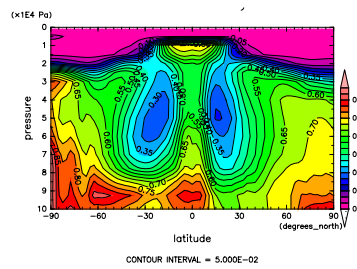


Figure 444: RH at Apr. by ECMWF

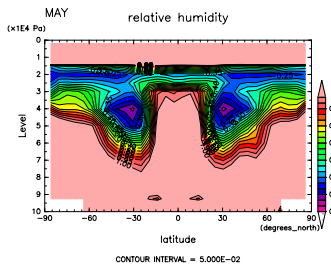


Figure 445: RH at May by DCPAM

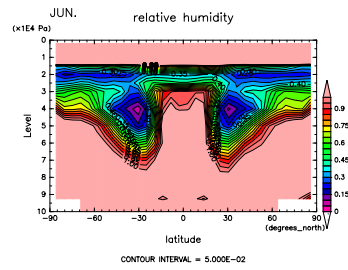


Figure 448: RH at Jun. by DCPAM

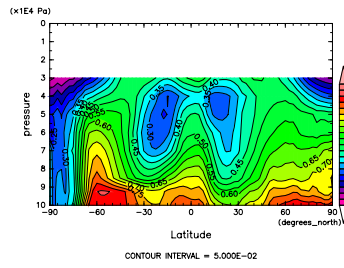


Figure 446: RH at May by NCEP

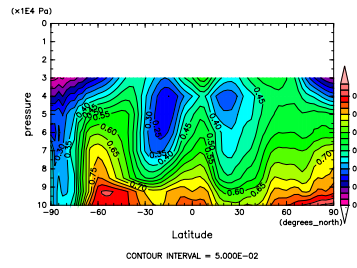


Figure 449: RH at Jun. by NCEP

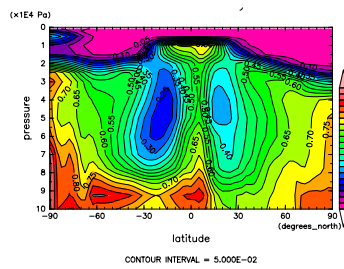


Figure 447: RH at May by ECMWF

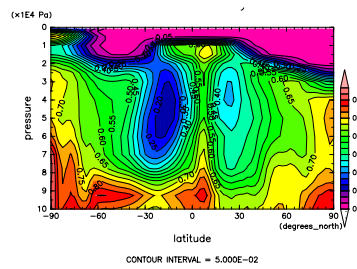


Figure 450: RH at Jun. by ECMWF

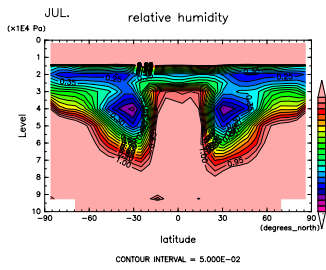


Figure 451: RH at Jul. by DCPAM

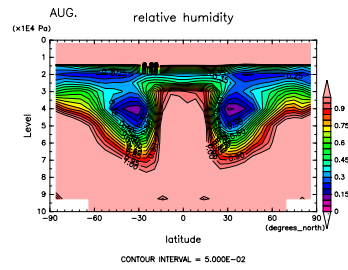


Figure 454: RH at Aug. by DCPAM

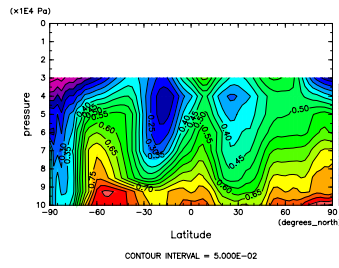


Figure 452: RH at Jul. by NCEP

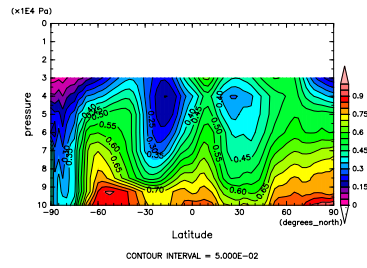


Figure 455: RH at Aug. by NCEP

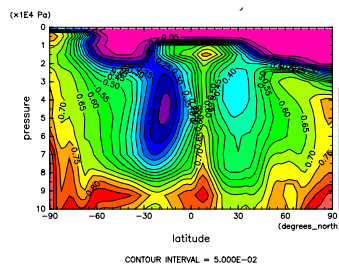


Figure 453: RH at Jul. by ECMWF

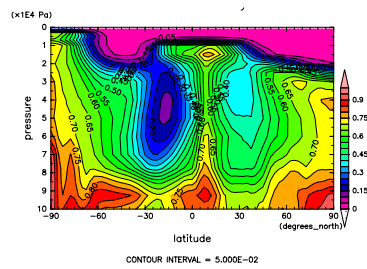


Figure 456: RH at Aug. by ECMWF

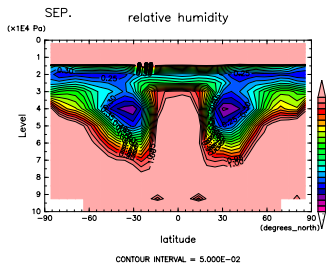


Figure 457: RH at Sep. by DCPAM

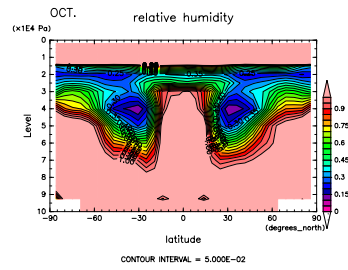


Figure 460: RH at Oct. by DCPAM

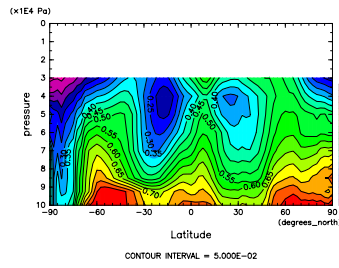


Figure 458: RH at Sep. by NCEP

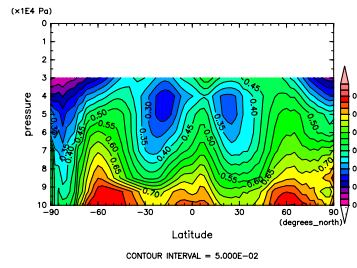


Figure 461: RH at Oct. by NCEP

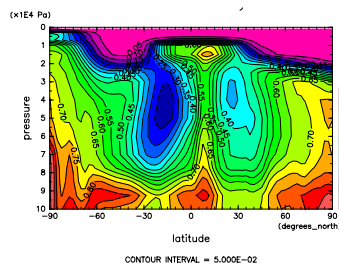


Figure 459: RH at Sep. by ECMWF

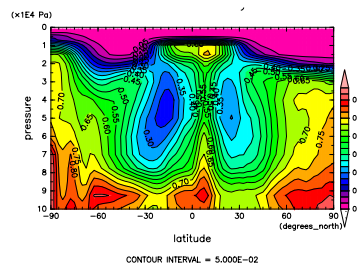


Figure 462: RH at Oct. by ECMWF

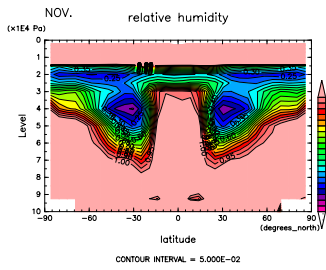


Figure 463: RH at Nov. by DCPAM

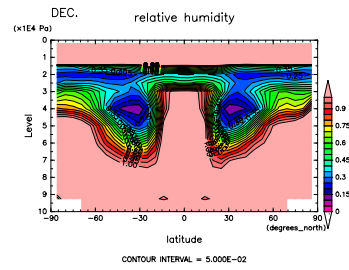


Figure 466: RH at Dec. by DCPAM

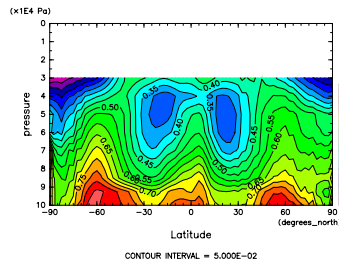


Figure 464: RH at Nov. by NCEP

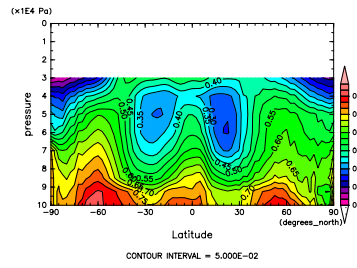


Figure 467: RH at Dec. by NCEP

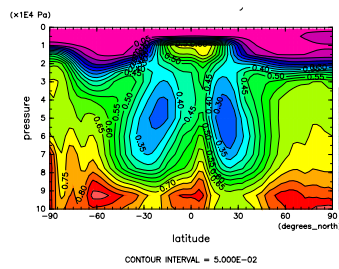


Figure 465: RH at Nov. by ECMWF

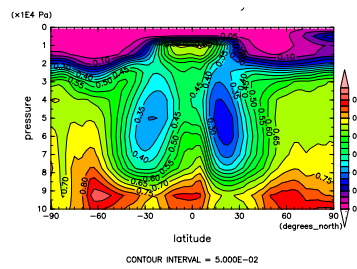


Figure 468: RH at Dec. by ECMWF

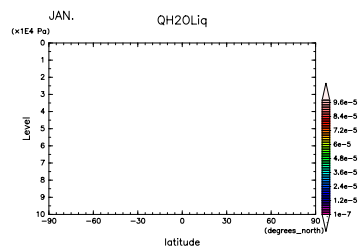


Figure 469: q_l at Jan. by DCPAM

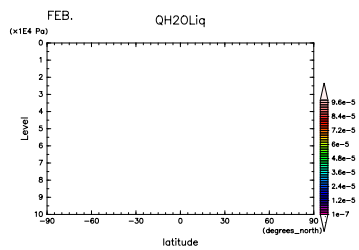


Figure 470: q_l at Feb. by DCPAM

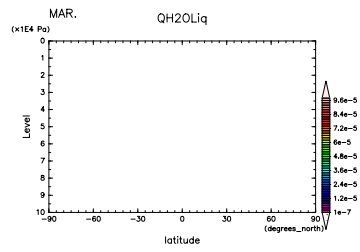


Figure 471: q_l at Mar. by DCPAM

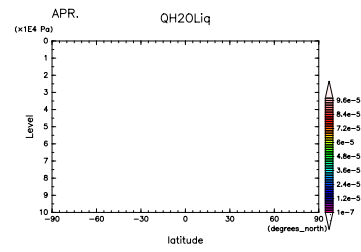


Figure 472: q_l at Apr. by DCPAM

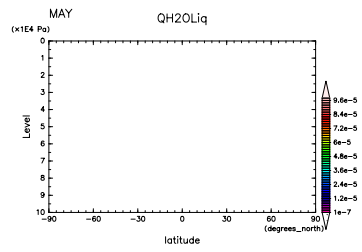


Figure 473: q_l at May by DCPAM

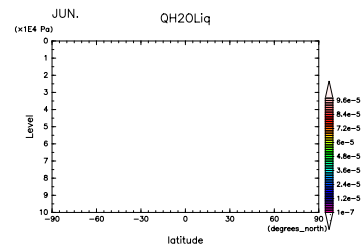


Figure 474: q_l at Jun. by DCPAM

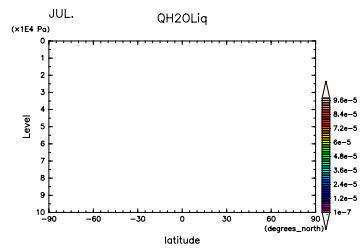


Figure 475: q_l at Jul. by DCPAM

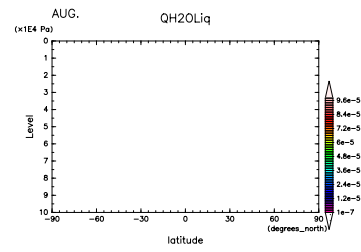


Figure 476: q_l at Aug. by DCPAM

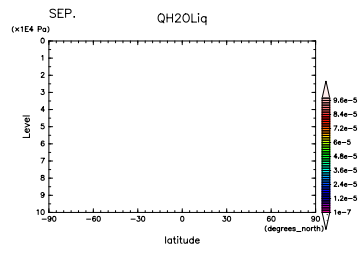


Figure 477: q_l at Sep. by DCPAM

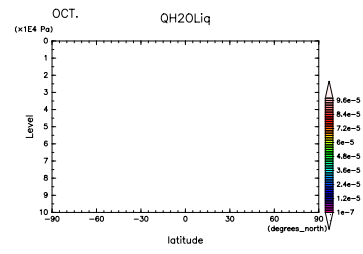


Figure 478: q_l at Oct. by DCPAM

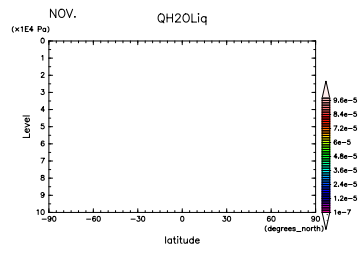


Figure 479: q_l at Nov. by DCPAM

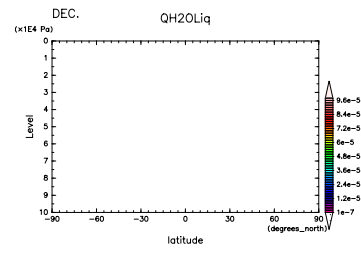


Figure 480: q_l at Dec. by DCPAM

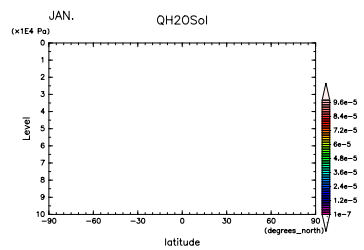


Figure 481: q_i at Jan. by DCPAM

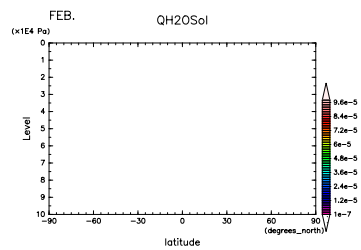


Figure 482: q_i at Feb. by DCPAM

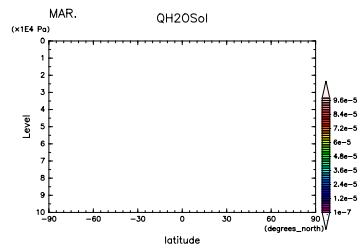


Figure 483: q_i at Mar. by DCPAM

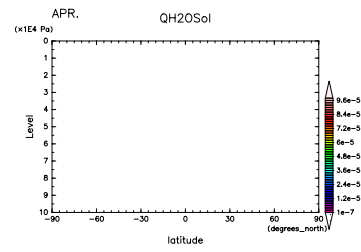


Figure 484: q_i at Apr. by DCPAM

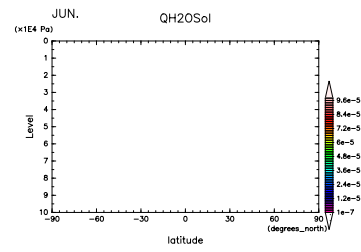


Figure 485: q_i at May by DCPAM

Figure 486: q_i at Jun. by DCPAM

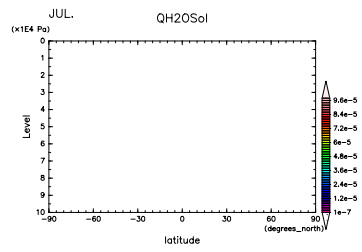


Figure 487: q_i at Jul. by DCPAM

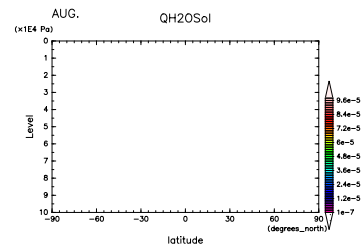


Figure 488: q_i at Aug. by DCPAM

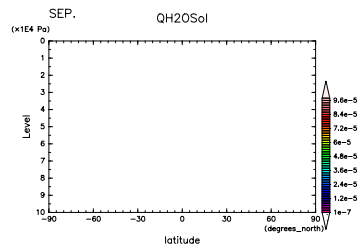


Figure 489: q_i at Sep. by DCPAM

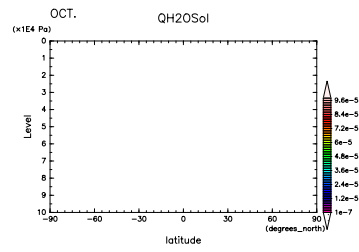


Figure 490: q_i at Oct. by DCPAM

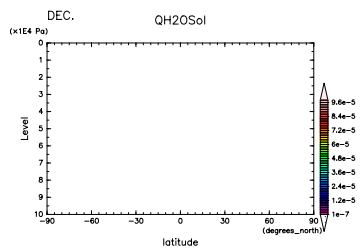
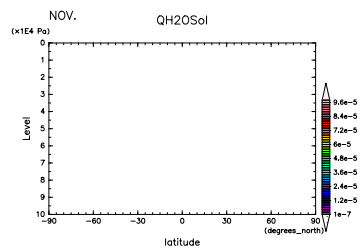


Figure 491: q_i at Nov. by DCPAM

Figure 492: q_i at Dec. by DCPAM

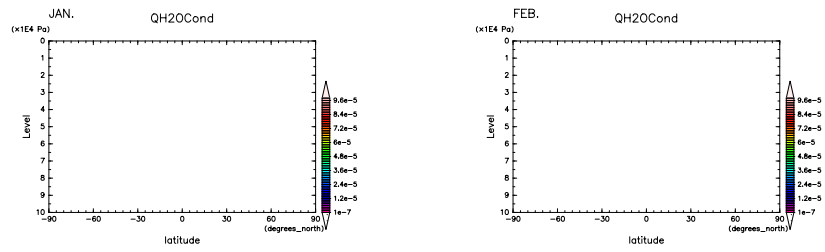


Figure 493: $q_l + q_i$ at Jan. by DCPAM Figure 494: $q_l + q_i$ at Feb. by DCPAM

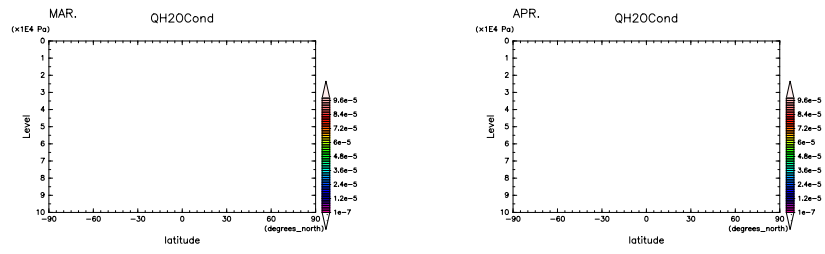


Figure 495: $q_l + q_i$ at Mar. by DCPAM Figure 496: $q_l + q_i$ at Apr. by DCPAM

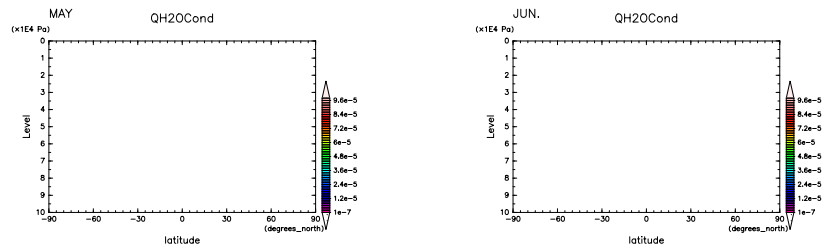


Figure 497: $q_l + q_i$ at May by DCPAM Figure 498: $q_l + q_i$ at Jun. by DCPAM

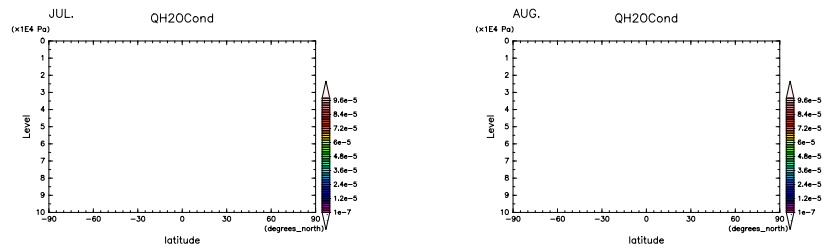


Figure 499: $q_l + q_i$ at Jul. by DCPAM Figure 500: $q_l + q_i$ at Aug. by DCPAM

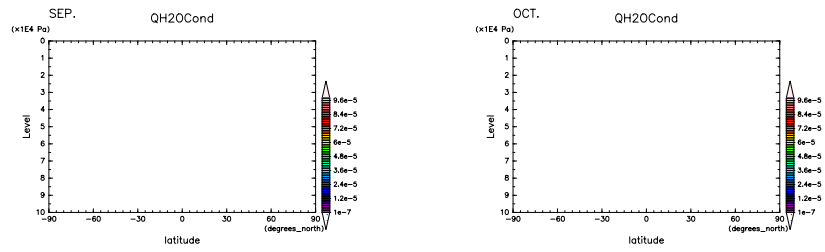


Figure 501: $q_l + q_i$ at Sep. by DCPAM Figure 502: $q_l + q_i$ at Oct. by DCPAM

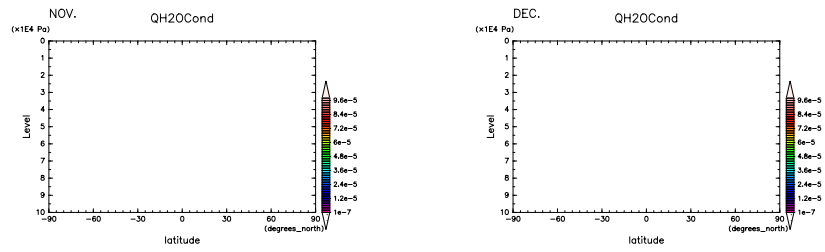


Figure 503: $q_l + q_i$ at Nov. by DCPAM Figure 504: $q_l + q_i$ at Dec. by DCPAM

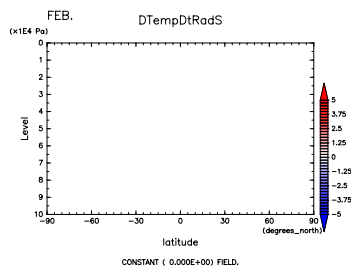
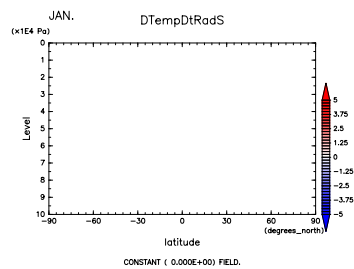


Figure 505: $(\partial T/\partial t)_{SW}$ at Jan. by DCPAM Figure 506: $(\partial T/\partial t)_{SW}$ at Feb. by DCPAM

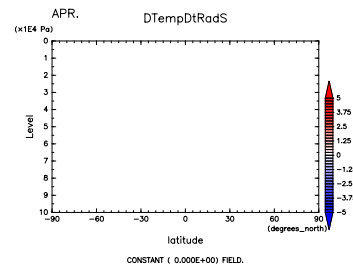
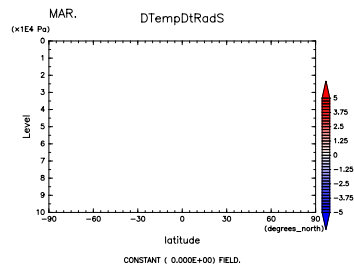


Figure 507: $(\partial T/\partial t)_{SW}$ at Mar. by DCPAM

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

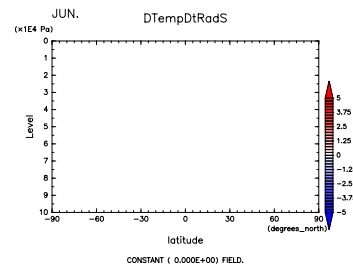
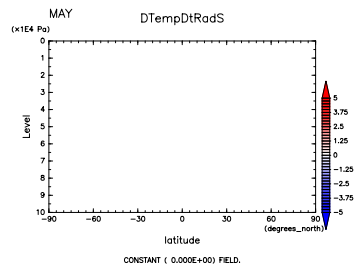


Figure 509: $(\partial T/\partial t)_{SW}$ at May by DCPAM

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

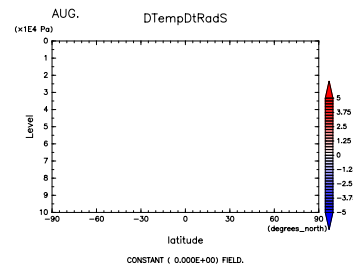
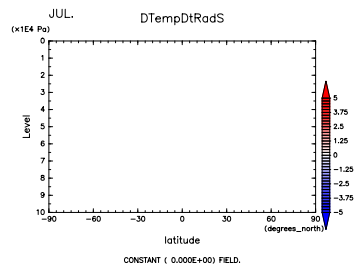


Figure 511: $(\partial T/\partial t)_{SW}$ at Jul. by DCPAM Figure 512: $(\partial T/\partial t)_{SW}$ at Aug. by DCPAM



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

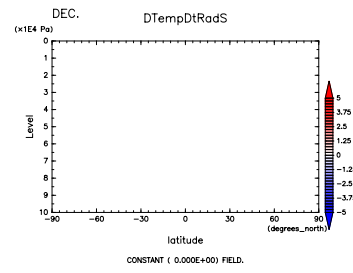
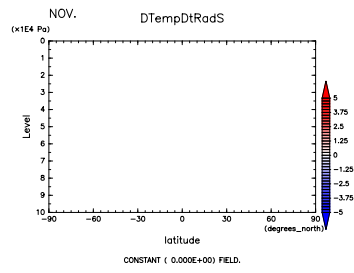


Figure 515: $(\partial T/\partial t)_{SW}$ at Nov. by DCPAM

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

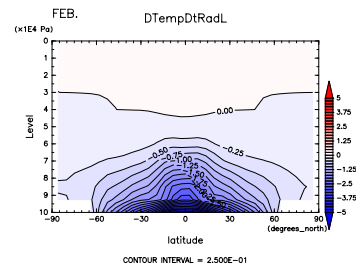
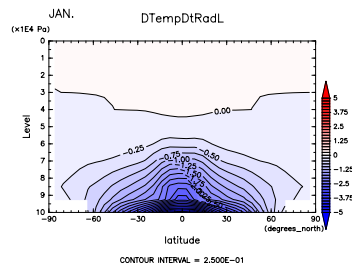


Figure 517: $(\partial T / \partial t)_{LW}$ at Jan. by DCPAM Figure 518: $(\partial T / \partial t)_{LW}$ at Feb. by DCPAM

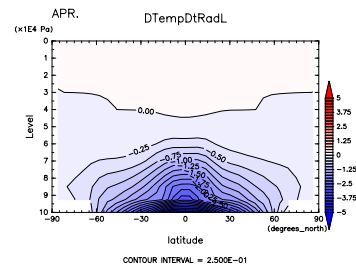
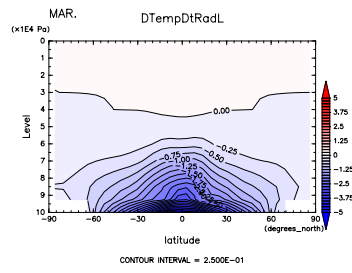


Figure 519: $(\partial T / \partial t)_{LW}$ at Mar. by DCPAM Figure 520: $(\partial T / \partial t)_{LW}$ at Apr. by DCPAM

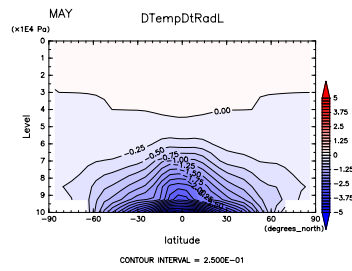


Figure 521: $(\partial T/\partial t)_{LW}$ at May by DCPAM

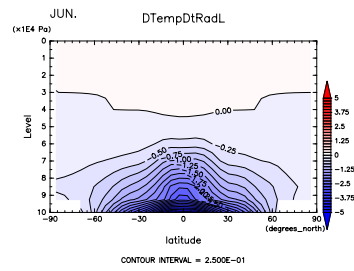


Figure 522: $(\partial T/\partial t)_{LW}$ at Jun. by DCPAM

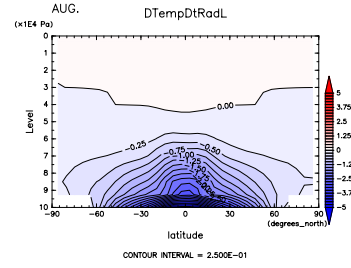
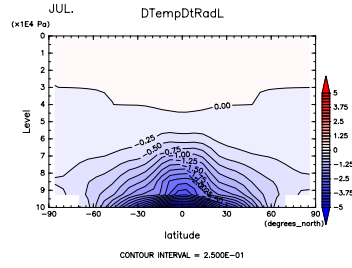


Figure 523: $(\partial T/\partial t)_{LW}$ at Jul. by DCPAM by Figure 524: $(\partial T/\partial t)_{LW}$ at Aug. by DCPAM

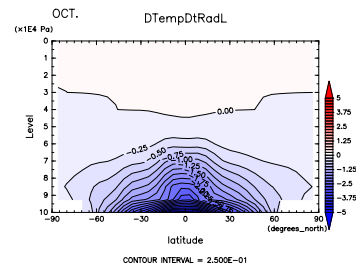
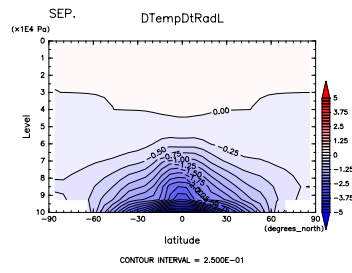


Figure 525: $(\partial T/\partial t)_{LW}$ at Sep. by DCPAM Figure 526: $(\partial T/\partial t)_{LW}$ at Oct. by DCPAM

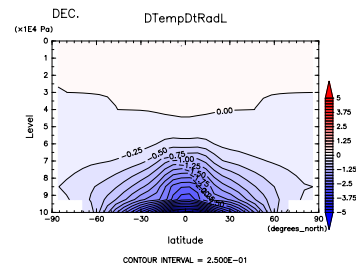
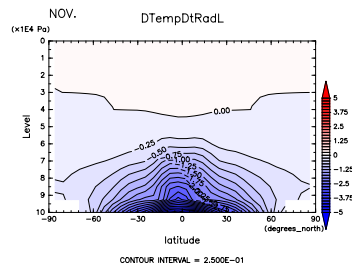


Figure 527: $(\partial T/\partial t)_{LW}$ at Nov. by DCPAM Figure 528: $(\partial T/\partial t)_{LW}$ at Dec. by DCPAM

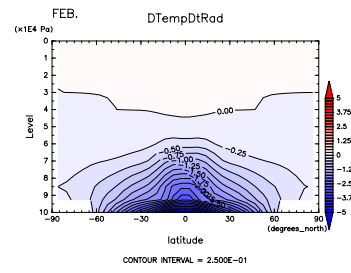
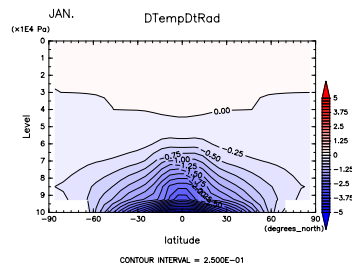


Figure 529: $(\partial T/\partial t)_{SW+LW}$ at Jan. by DCPAM

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

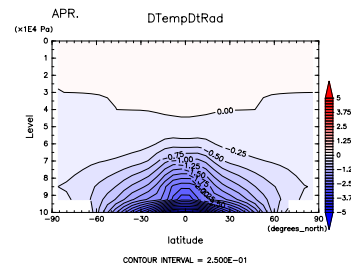
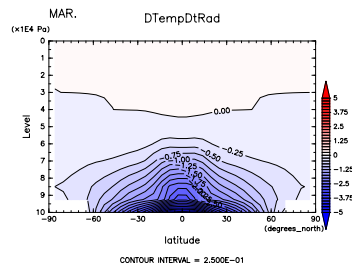


Figure 531: $(\partial T/\partial t)_{SW+LW}$ at Mar.
by DCPAM

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

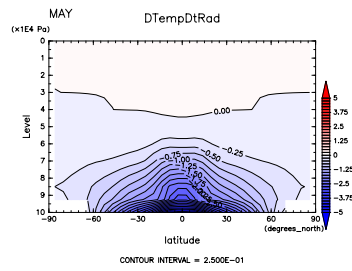


Figure 533: $(\partial T/\partial t)_{SW+LW}$ at May by DCPAM

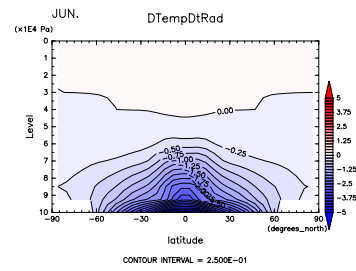


Figure 534: $(\partial T/\partial t)_{SW+LW}$ at Jun. by DCPAM

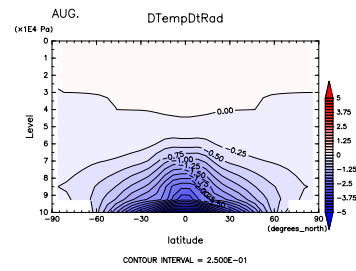
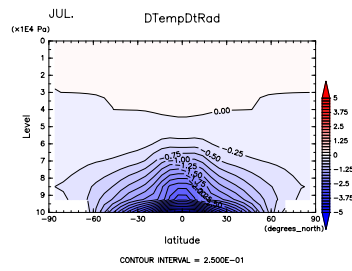


Figure 535: $(\partial T/\partial t)_{SW+LW}$ at Jul. by DCPAM

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

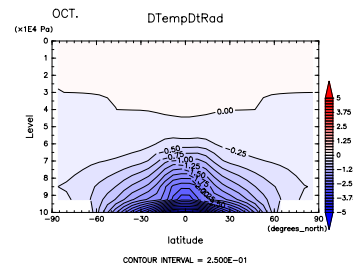
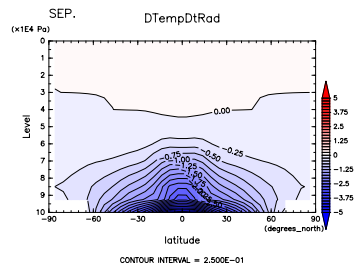


Figure 537: $(\partial T/\partial t)_{SW+LW}$ at Sep. by DCPAM

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

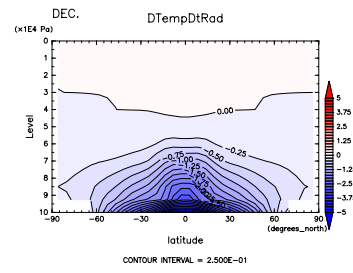
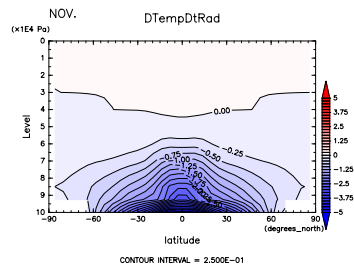


Figure 539: $(\partial T/\partial t)_{SW+LW}$ at Nov. by DCPAM

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

0.2.8 Monthly mean latitude-pressure (logarithmic) distribution

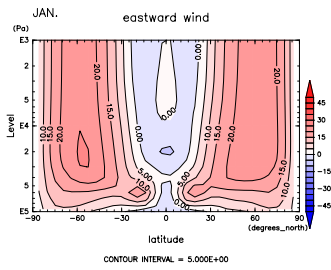


Figure 541: U at Jan. by DCPAM

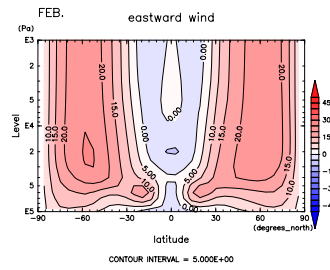


Figure 544: U at Feb. by DCPAM

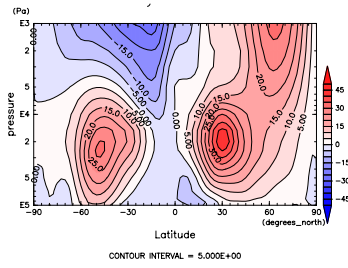


Figure 542: U at Jan. by NCEP

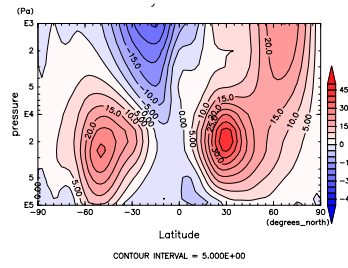


Figure 545: U at Feb. by NCEP

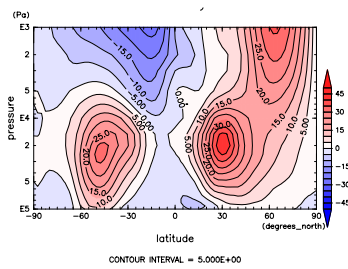


Figure 543: U at Jan. by ECMWF

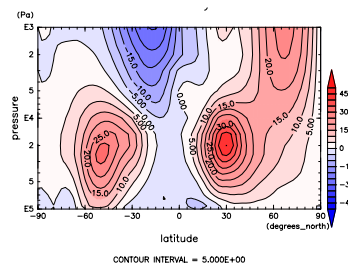


Figure 546: U at Feb. by ECMWF

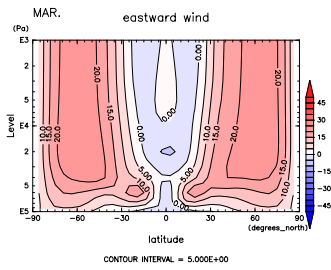


Figure 547: U at Mar. by DCPAM

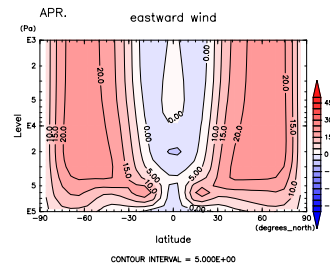


Figure 550: U at Apr. by DCPAM

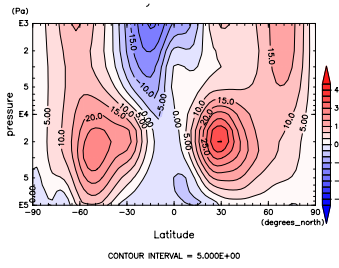


Figure 548: U at Mar. by NCEP

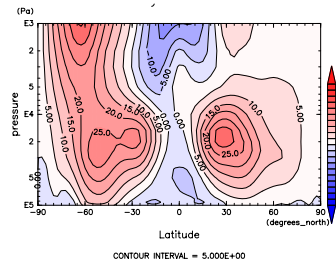


Figure 551: U at Apr. by NCEP

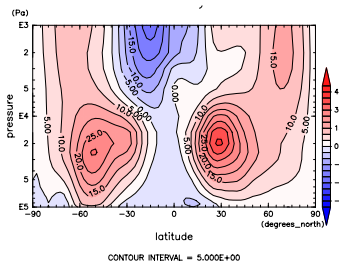


Figure 549: U at Mar. by ECMWF

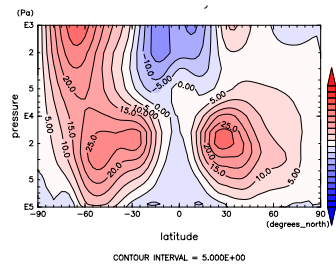


Figure 552: U at Apr. by ECMWF

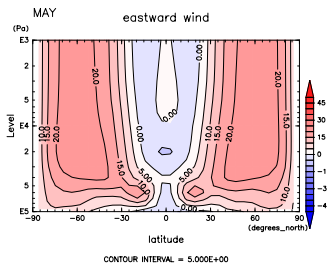


Figure 553: U at May by DCPAM

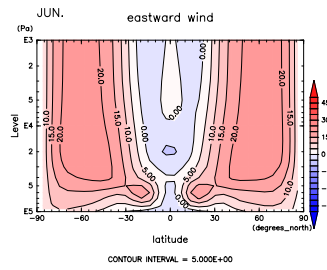


Figure 556: U at Jun. by DCPAM

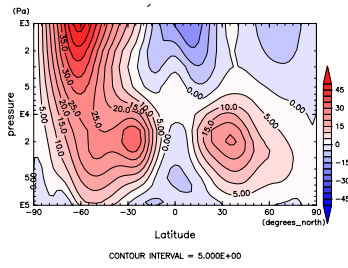


Figure 554: U at May by NCEP

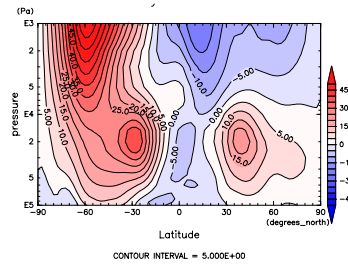


Figure 557: U at Jun. by NCEP

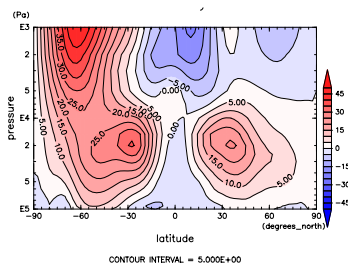


Figure 555: U at May by ECMWF

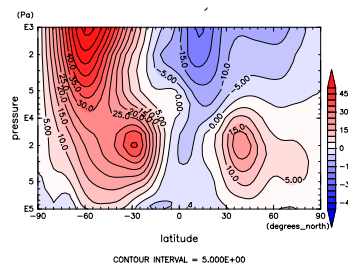


Figure 558: U at Jun. by ECMWF

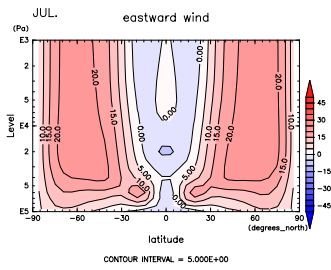


Figure 559: U at Jul. by DCPAM

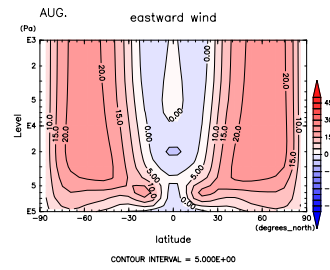


Figure 562: U at Aug. by DCPAM

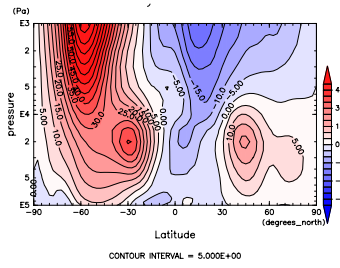


Figure 560: U at Jul. by NCEP

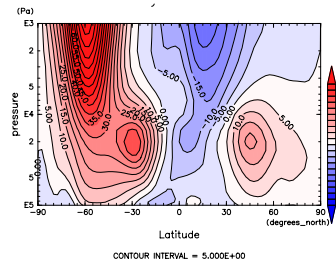


Figure 563: U at Aug. by NCEP

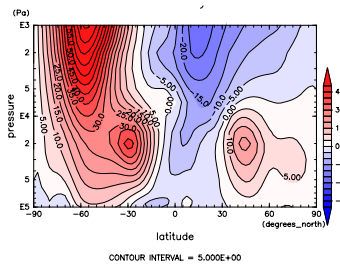


Figure 561: U at Jul. by ECMWF

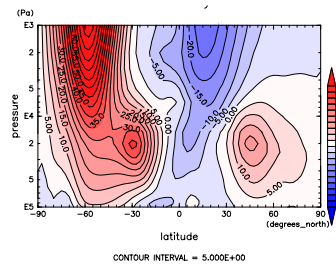


Figure 564: U at Aug. by ECMWF

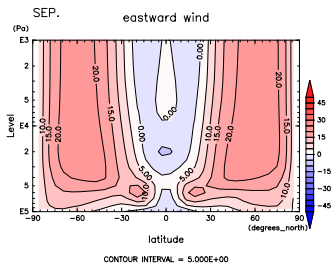


Figure 565: U at Sep. by DCPAM

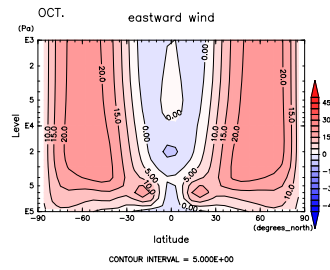


Figure 568: U at Oct. by DCPAM

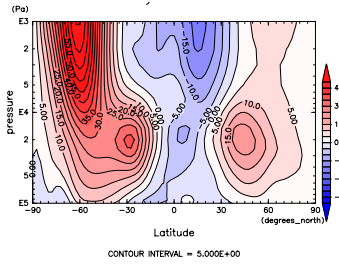


Figure 566: U at Sep. by NCEP

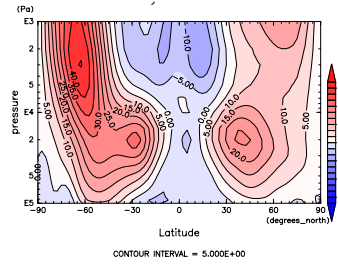


Figure 569: U at Oct. by NCEP

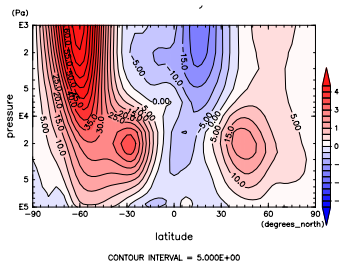


Figure 567: U at Sep. by ECMWF

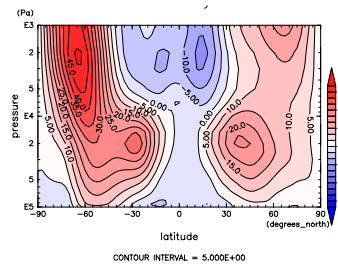


Figure 570: U at Oct. by ECMWF

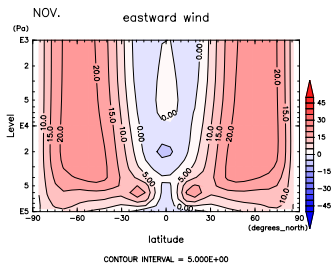


Figure 571: U at Nov. by DCPAM

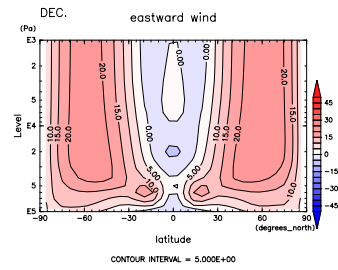


Figure 574: U at Dec. by DCPAM

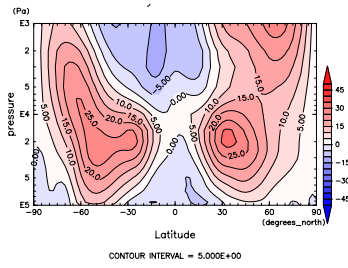


Figure 572: U at Nov. by NCEP

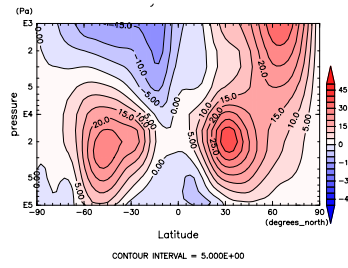


Figure 575: U at Dec. by NCEP

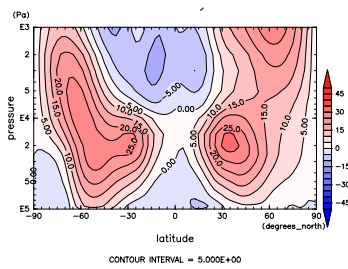


Figure 573: U at Nov. by ECMWF

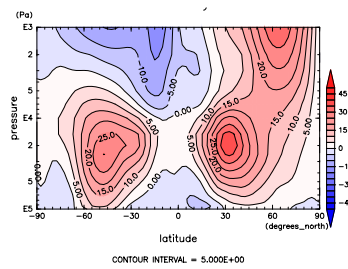


Figure 576: U at Dec. by ECMWF

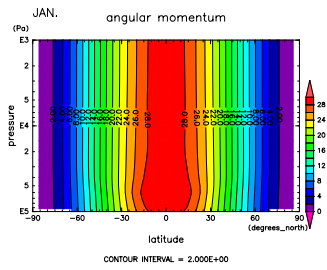


Figure 577: ANG MOM at Jan. by DCPAM

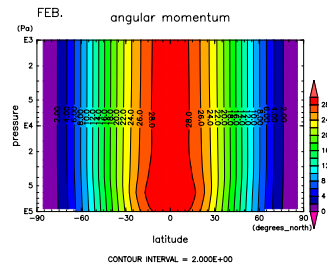


Figure 580: ANG MOM at Feb. by DCPAM

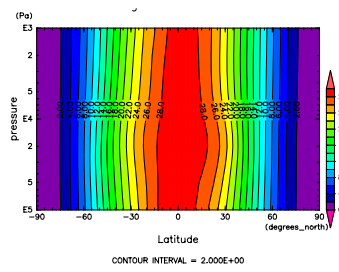


Figure 578: ANG MOM at Jan. by NCEP

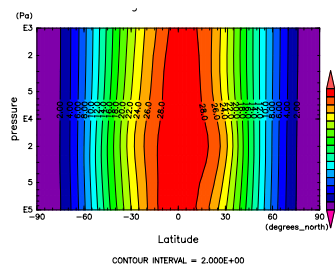


Figure 581: ANG MOM at Feb. by NCEP

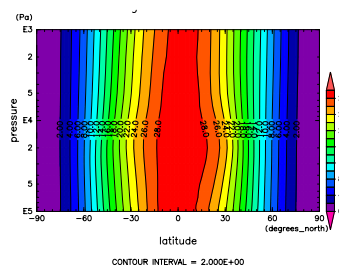


Figure 579: ANG MOM at Jan. by ECMWF

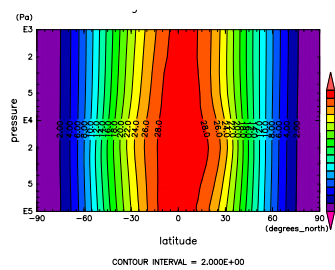


Figure 582: ANG MOM at Feb. by ECMWF

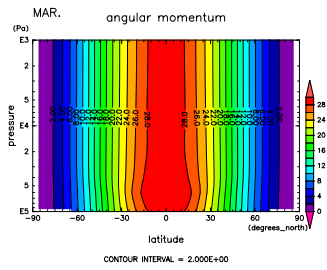


Figure 583: ANG MOM at Mar. by DCPAM

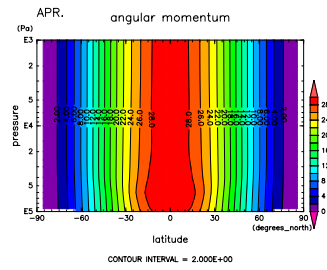


Figure 586: ANG MOM at Apr. by DCPAM

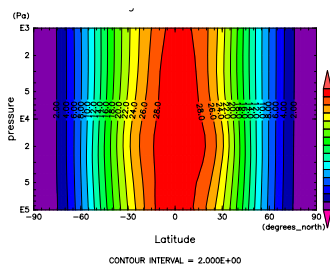


Figure 584: ANG MOM at Mar. by NCEP

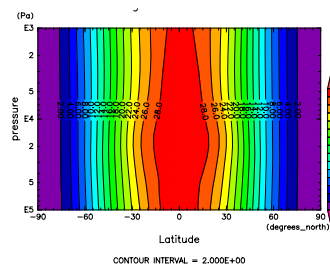


Figure 587: ANG MOM at Apr. by NCEP

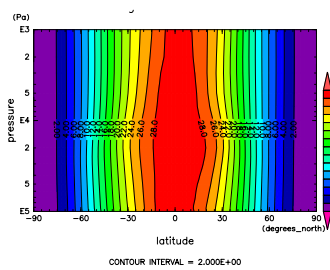


Figure 585: ANG MOM at Mar. by ECMWF

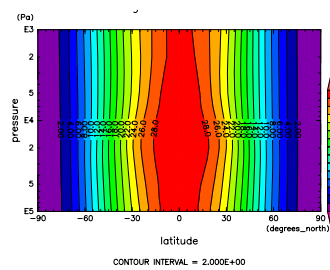


Figure 588: ANG MOM at Apr. by ECMWF

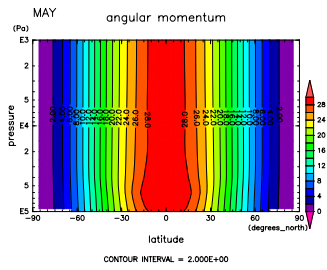


Figure 589: ANGMOM at May by DCPAM

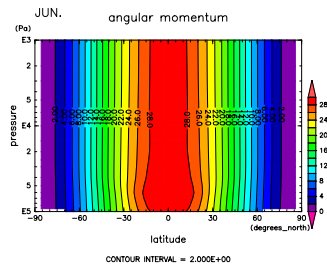


Figure 592: ANGMOM at Jun. by DCPAM

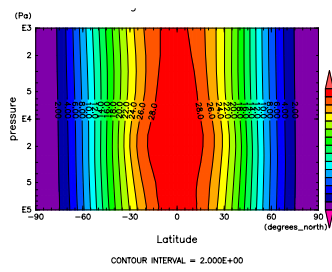


Figure 590: ANGMOM at May by NCEP

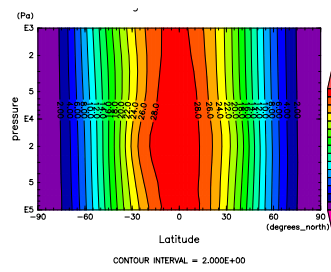


Figure 593: ANGMOM at Jun. by NCEP

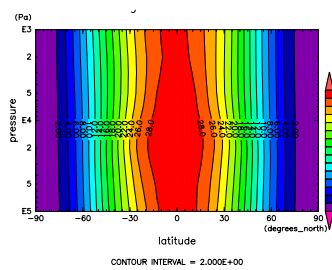


Figure 591: ANGMOM at May by ECMWF

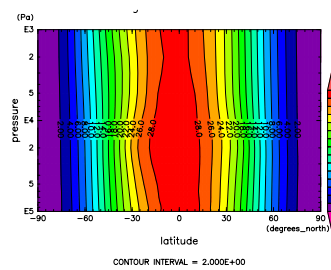


Figure 594: ANGMOM at Jun. by ECMWF

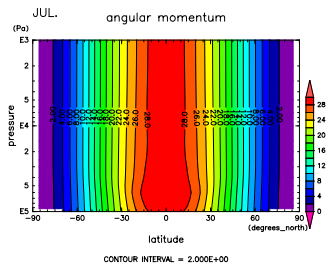


Figure 595: ANGMOM at Jul. by DCPAM

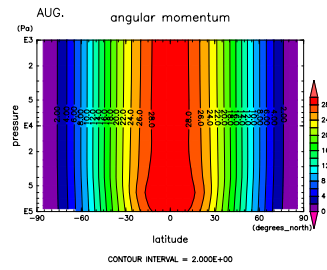


Figure 598: ANGMOM at Aug. by DCPAM

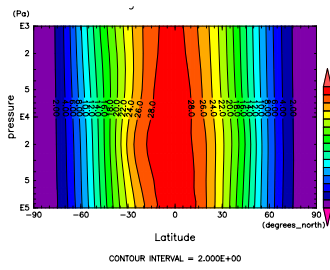


Figure 596: ANGMOM at Jul. by NCEP

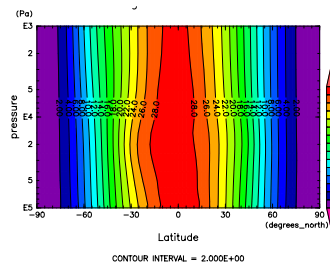


Figure 599: ANGMOM at Aug. by NCEP

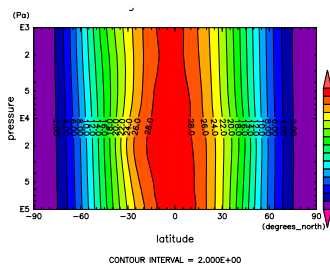


Figure 597: ANGMOM at Jul. by ECMWF

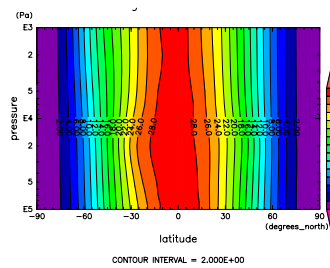


Figure 600: ANGMOM at Aug. by ECMWF

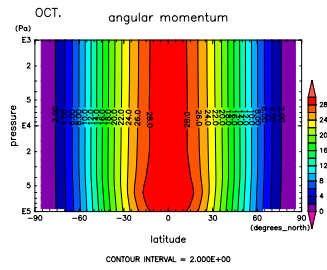
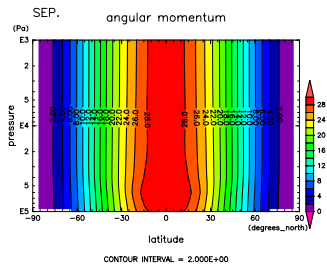


Figure 601: ANG MOM at Sep. by DCPAM by Figure 604: ANG MOM at Oct. by DCPAM

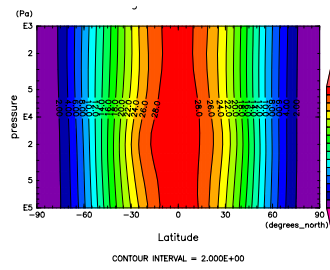
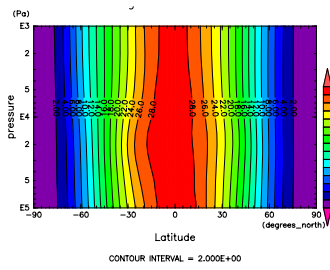


Figure 602: ANG MOM at Sep. by NCEP by Figure 605: ANG MOM at Oct. by NCEP

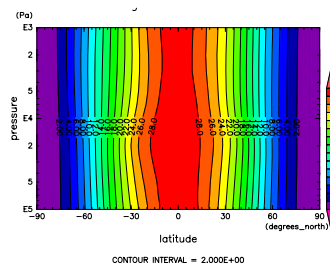
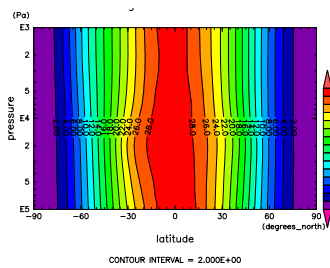


Figure 603: ANG MOM at Sep. by ECMWF by Figure 606: ANG MOM at Oct. by ECMWF

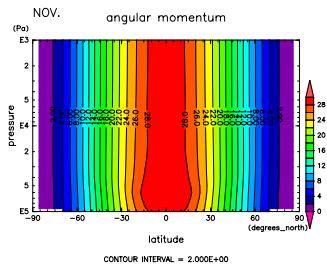


Figure 607: ANG MOM at Nov. by DCPAM

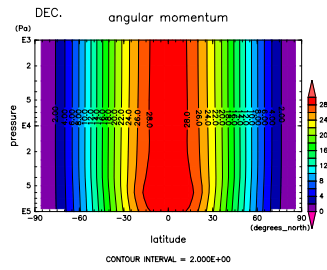


Figure 610: ANG MOM at Dec. by DCPAM

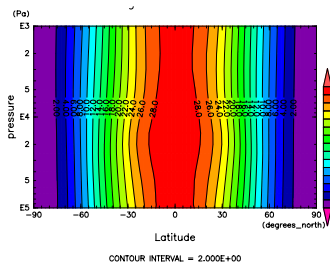


Figure 608: ANG MOM at Nov. by NCEP

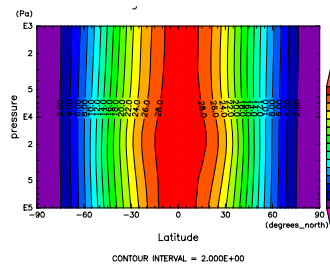


Figure 611: ANG MOM at Dec. by NCEP

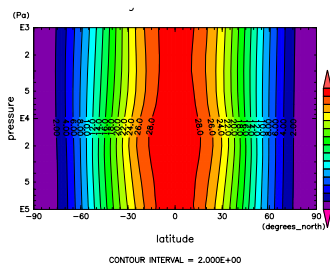


Figure 609: ANG MOM at Nov. by ECMWF

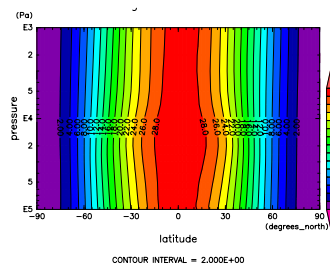


Figure 612: ANG MOM at Dec. by ECMWF

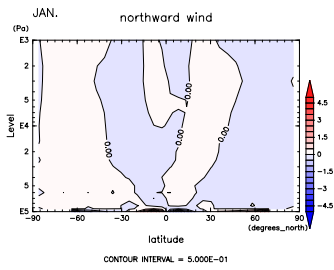


Figure 613: V at Jan. by DCPAM

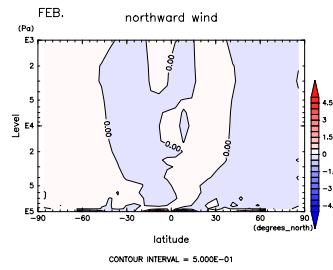


Figure 616: V at Feb. by DCPAM

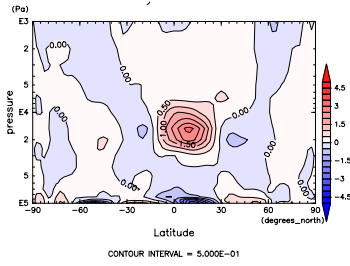


Figure 614: V at Jan. by NCEP

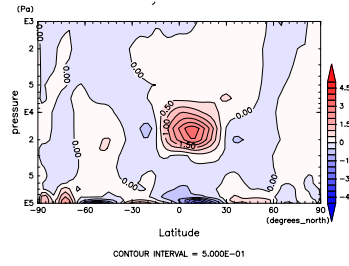


Figure 617: V at Feb. by NCEP

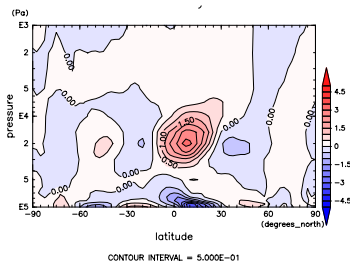


Figure 615: V at Jan. by ECMWF

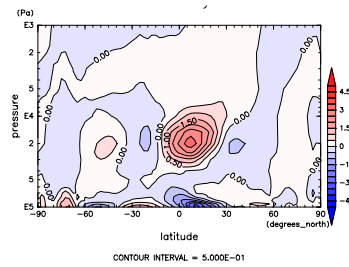


Figure 618: V at Feb. by ECMWF

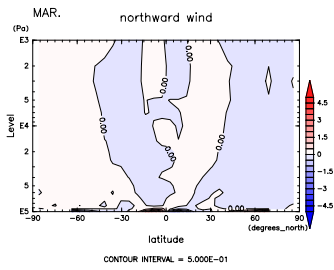


Figure 619: V at Mar. by DCPAM

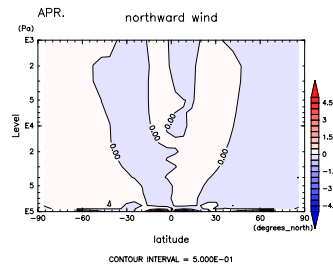


Figure 622: V at Apr. by DCPAM

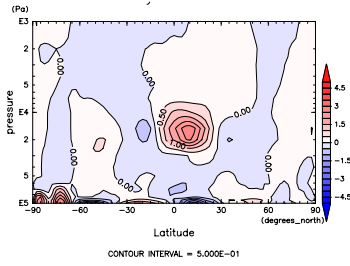


Figure 620: V at Mar. by NCEP

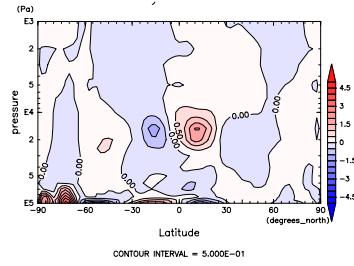


Figure 623: V at Apr. by NCEP

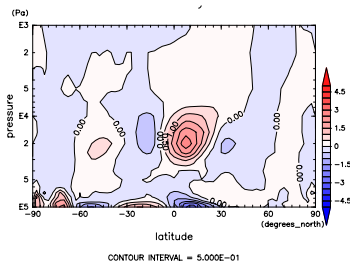


Figure 621: V at Mar. by ECMWF

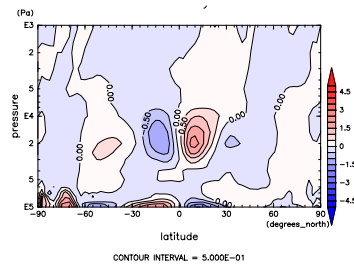


Figure 624: V at Apr. by ECMWF

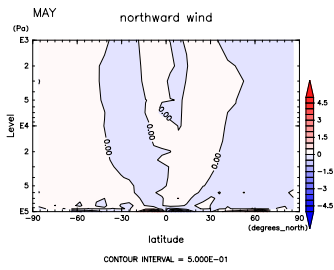


Figure 625: V at May by DCPAM

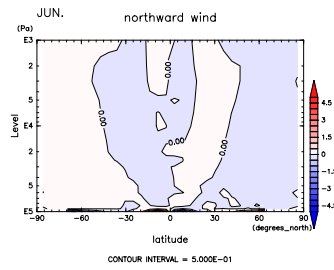


Figure 628: V at Jun. by DCPAM

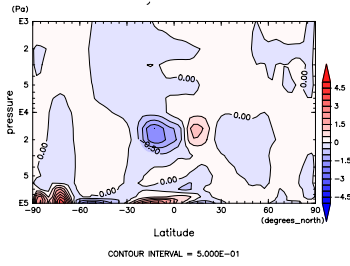


Figure 626: V at May by NCEP

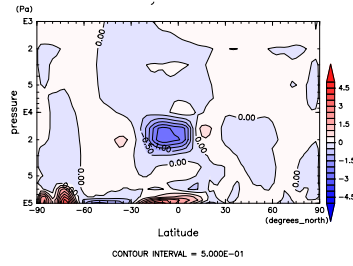


Figure 629: V at Jun. by NCEP

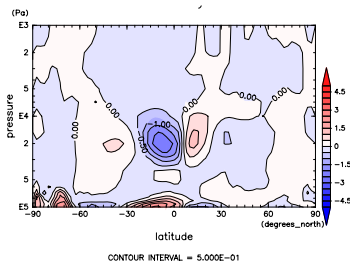


Figure 627: V at May by ECMWF

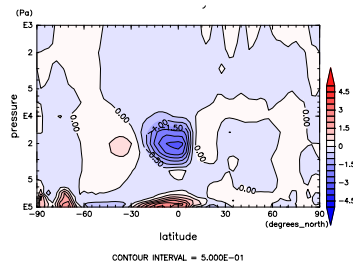


Figure 630: V at Jun. by ECMWF

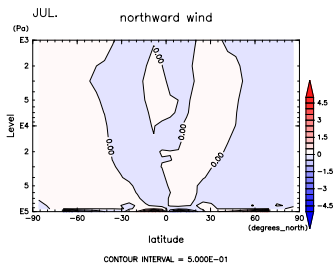


Figure 631: V at Jul. by DCPAM

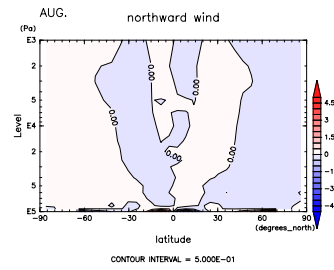


Figure 634: V at Aug. by DCPAM

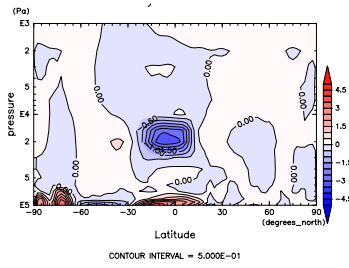


Figure 632: V at Jul. by NCEP

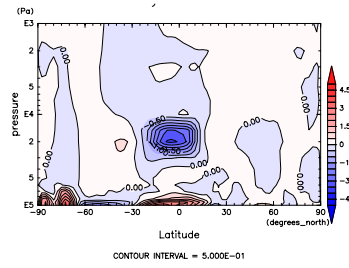


Figure 635: V at Aug. by NCEP

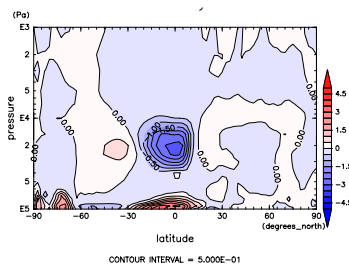


Figure 633: V at Jul. by ECMWF

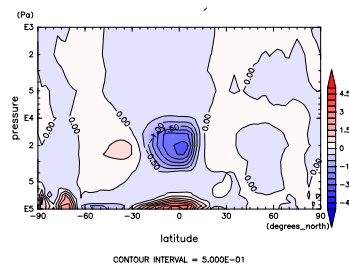


Figure 636: V at Aug. by ECMWF

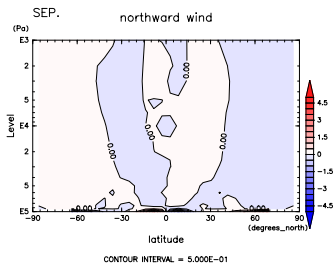


Figure 637: V at Sep. by DCPAM

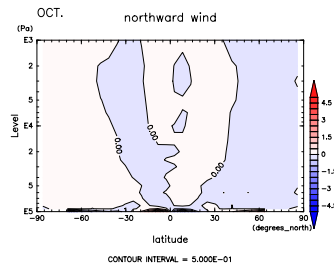


Figure 640: V at Oct. by DCPAM

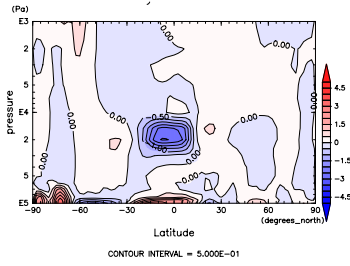


Figure 638: V at Sep. by NCEP

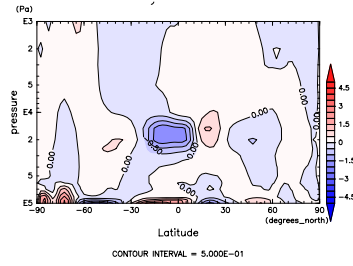


Figure 641: V at Oct. by NCEP

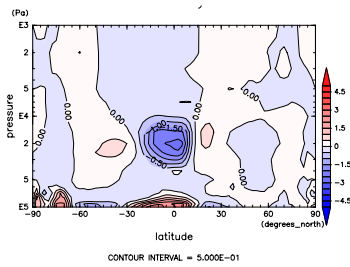


Figure 639: V at Sep. by ECMWF

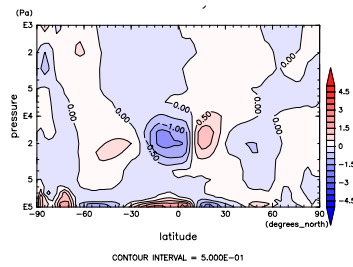


Figure 642: V at Oct. by ECMWF

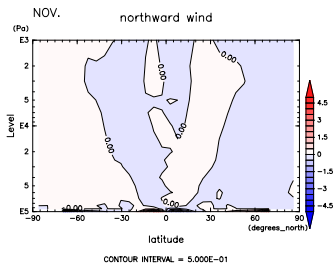


Figure 643: V at Nov. by DCPAM

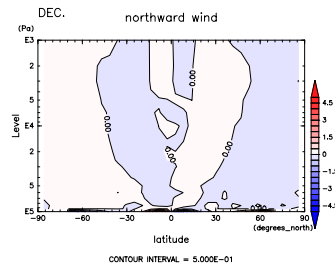


Figure 646: V at Dec. by DCPAM

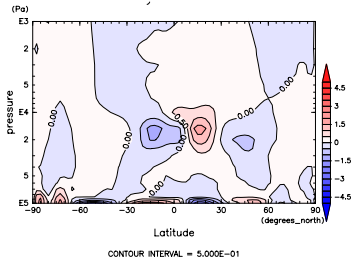


Figure 644: V at Nov. by NCEP

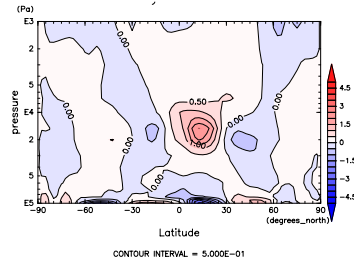


Figure 647: V at Dec. by NCEP

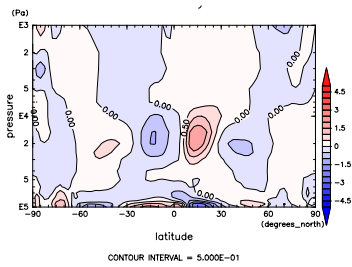


Figure 645: V at Nov. by ECMWF

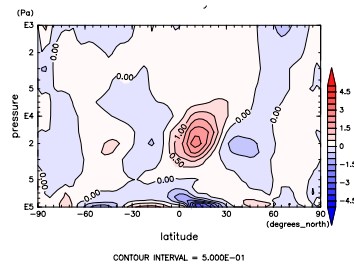


Figure 648: V at Dec. by ECMWF

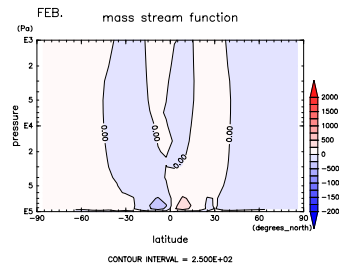
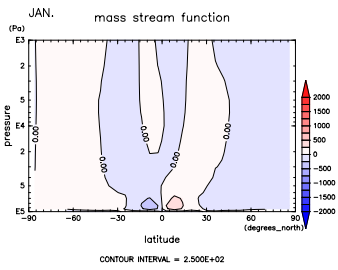


Figure 649: MSF at Jan. by DCPAM Figure 652: MSF at Feb. by DCPAM

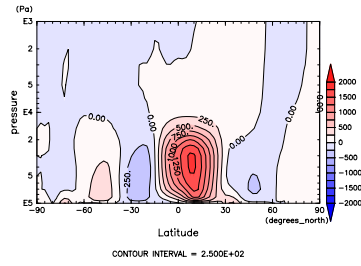
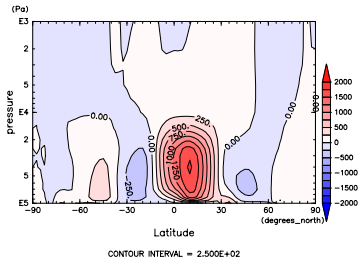


Figure 650: MSF at Jan. by NCEP

Figure 653: MSF at Feb. by NCEP

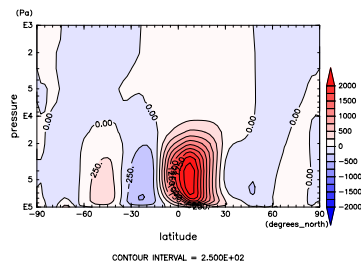
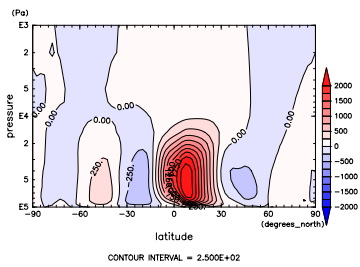


Figure 651: MSF at Jan. by ECMWF

Figure 654: MSF at Feb. by ECMWF

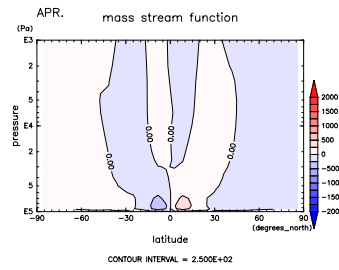
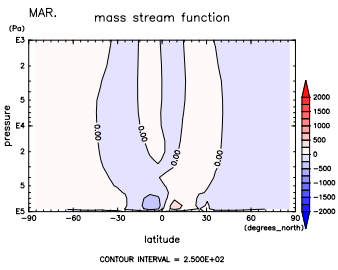


Figure 655: MSF at Mar. by DCPAM Figure 658: MSF at Apr. by DCPAM

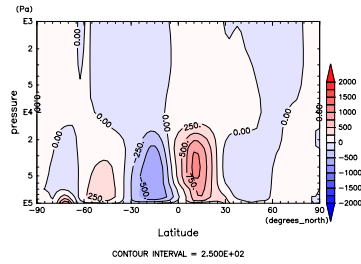
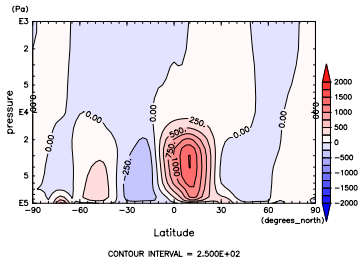


Figure 656: MSF at Mar. by NCEP Figure 659: MSF at Apr. by NCEP

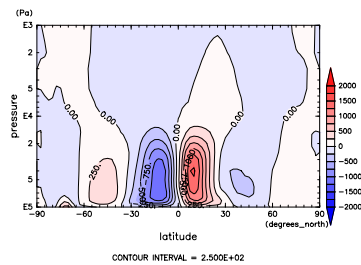
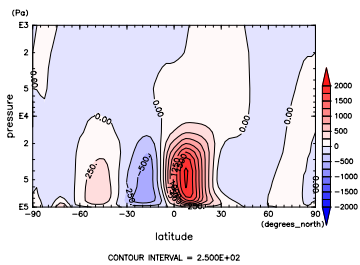


Figure 657: MSF at Mar. by ECMWF Figure 660: MSF at Apr. by ECMWF

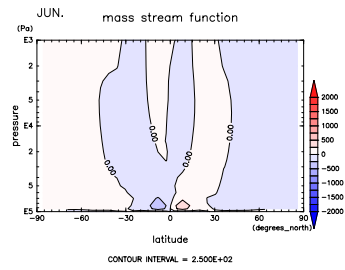
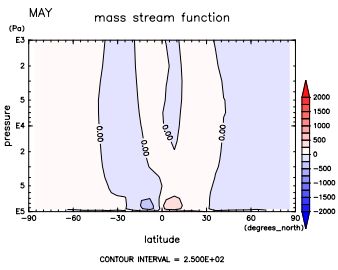


Figure 661: MSF at May by DCPAM Figure 664: MSF at Jun. by DCPAM

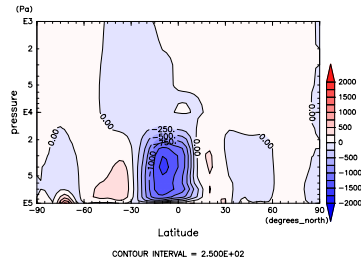
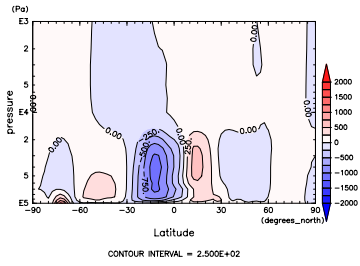


Figure 662: MSF at May by NCEP Figure 665: MSF at Jun. by NCEP

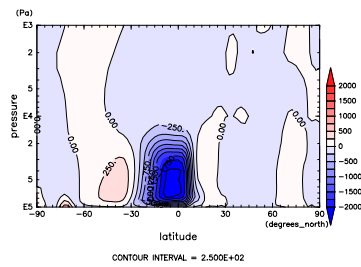
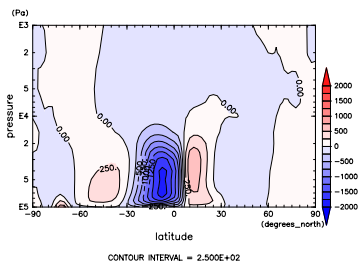


Figure 663: MSF at May by ECMWF Figure 666: MSF at Jun. by ECMWF

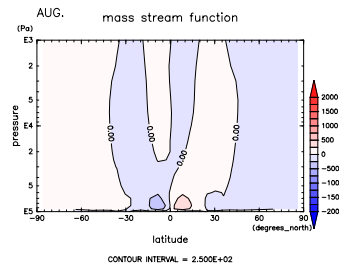
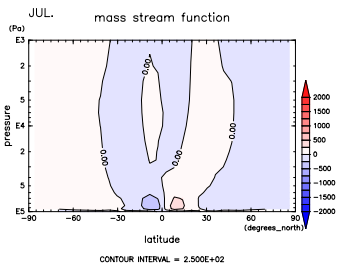


Figure 667: MSF at Jul. by DCPAM Figure 670: MSF at Aug. by DCPAM

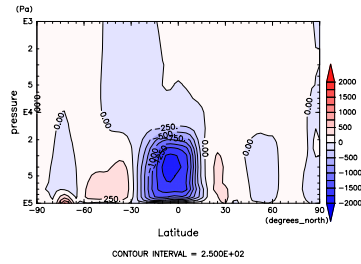
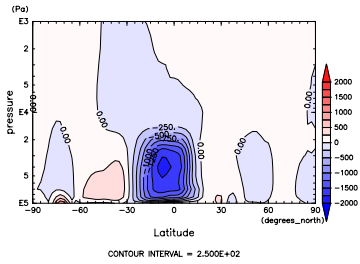


Figure 668: MSF at Jul. by NCEP Figure 671: MSF at Aug. by NCEP

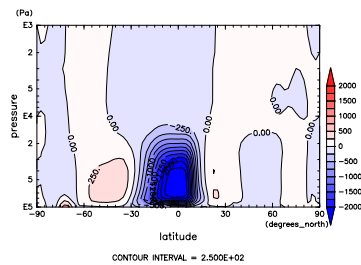
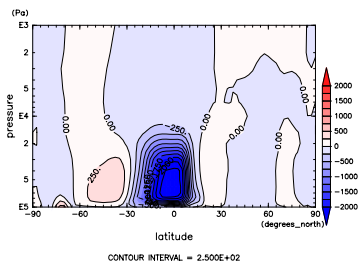


Figure 669: MSF at Jul. by ECMWF Figure 672: MSF at Aug. by ECMWF

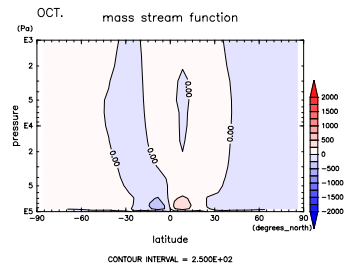
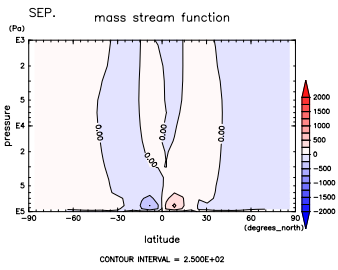


Figure 673: MSF at Sep. by DCPAM Figure 676: MSF at Oct. by DCPAM



Figure 674: MSF at Sep. by NCEP

Figure 677: MSF at Oct. by NCEP

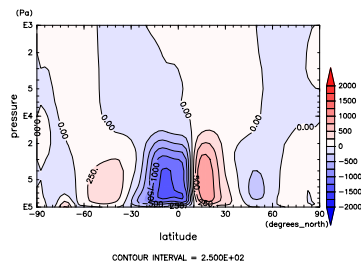
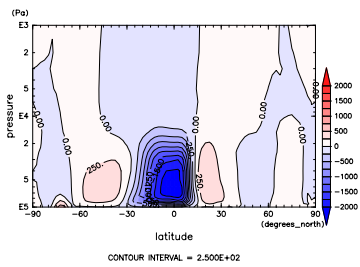


Figure 675: MSF at Sep. by ECMWF Figure 678: MSF at Oct. by ECMWF

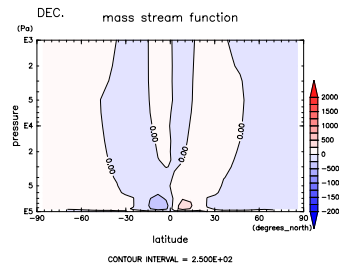
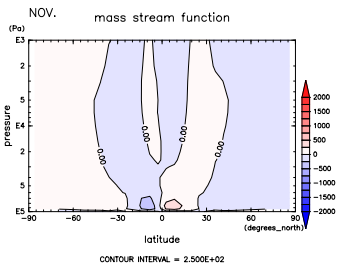


Figure 679: MSF at Nov. by DCPAM Figure 682: MSF at Dec. by DCPAM

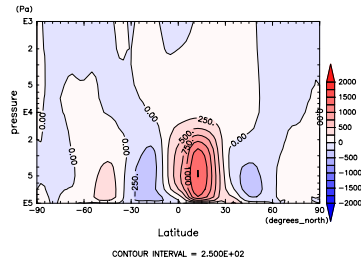
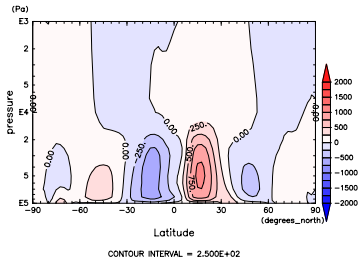


Figure 680: MSF at Nov. by NCEP Figure 683: MSF at Dec. by NCEP

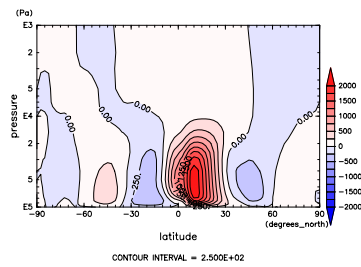
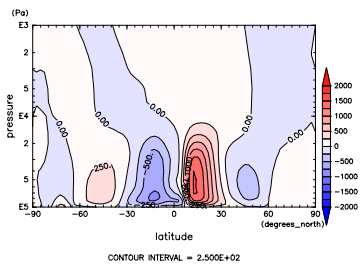


Figure 681: MSF at Nov. by ECMWF Figure 684: MSF at Dec. by ECMWF

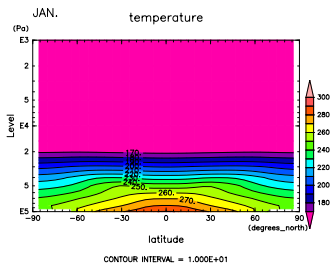


Figure 685: T at Jan. by DCPAM

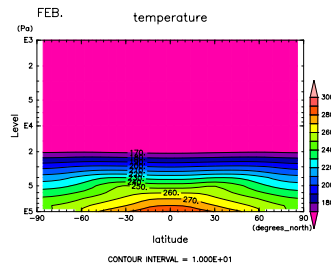


Figure 688: T at Feb. by DCPAM

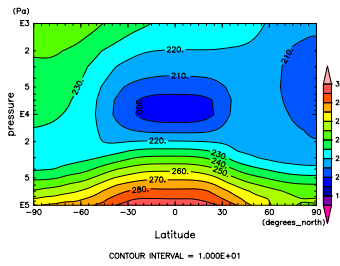


Figure 686: T at Jan. by NCEP

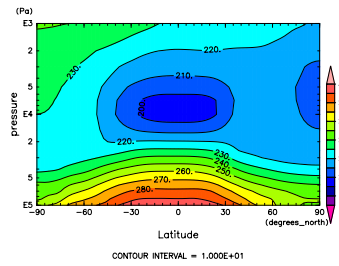


Figure 689: T at Feb. by NCEP

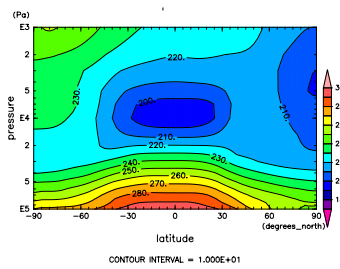


Figure 687: T at Jan. by ECMWF

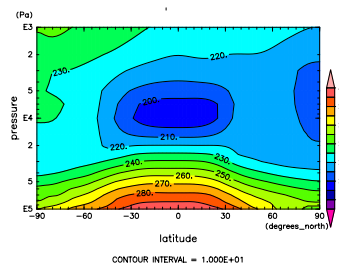


Figure 690: T at Feb. by ECMWF

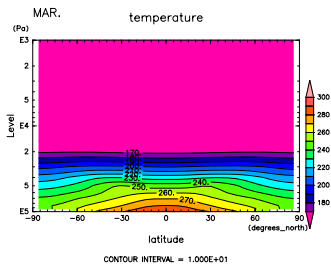


Figure 691: T at Mar. by DCPAM

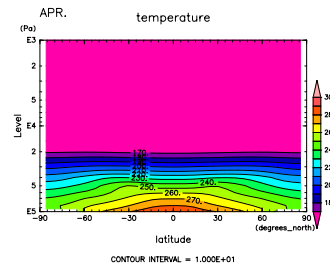


Figure 694: T at Apr. by DCPAM

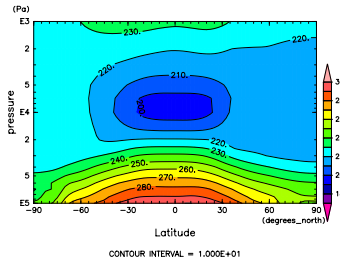


Figure 692: T at Mar. by NCEP

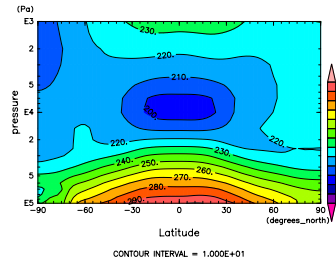


Figure 695: T at Apr. by NCEP

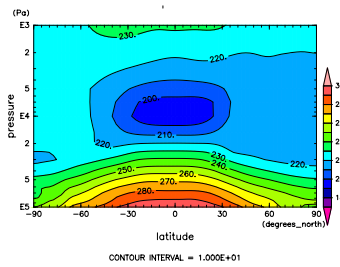


Figure 693: T at Mar. by ECMWF

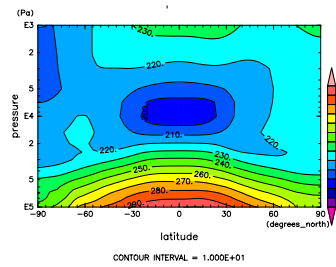


Figure 696: T at Apr. by ECMWF

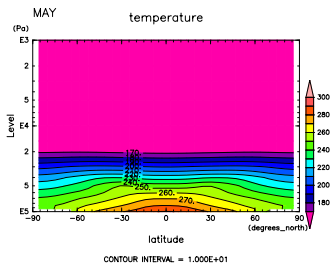


Figure 697: T at May by DCPAM

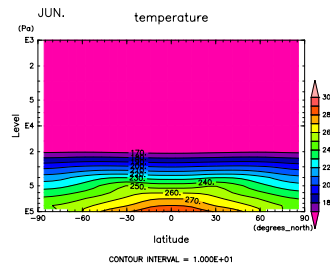


Figure 700: T at Jun. by DCPAM

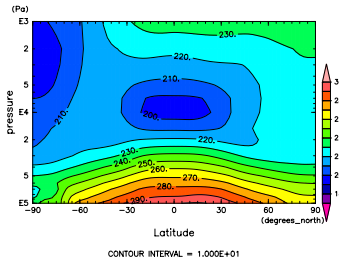


Figure 698: T at May by NCEP

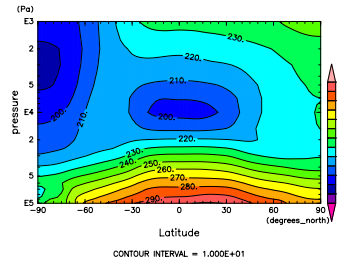


Figure 701: T at Jun. by NCEP

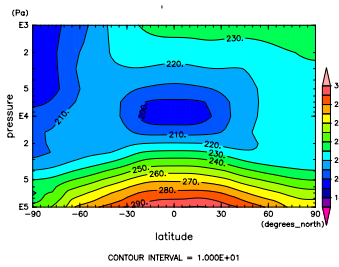


Figure 699: T at May by ECMWF

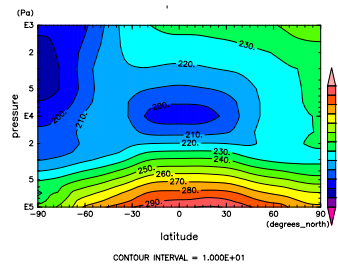


Figure 702: T at Jun. by ECMWF

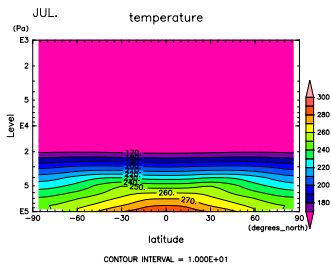


Figure 703: T at Jul. by DCPAM

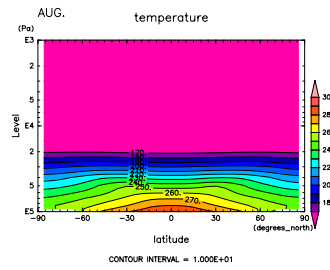


Figure 706: T at Aug. by DCPAM

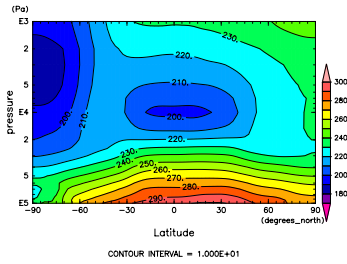


Figure 704: T at Jul. by NCEP

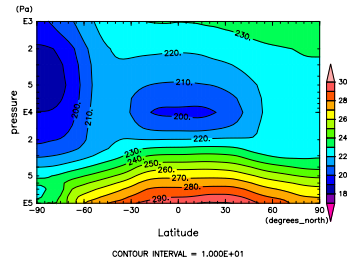


Figure 707: T at Aug. by NCEP

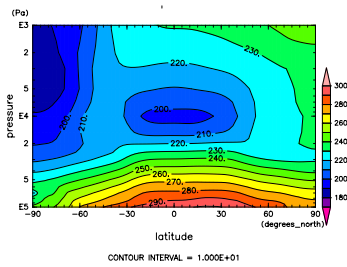


Figure 705: T at Jul. by ECMWF

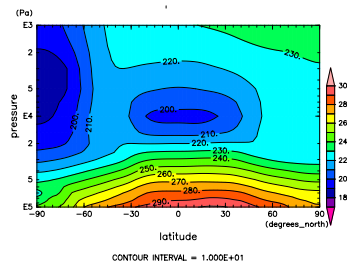


Figure 708: T at Aug. by ECMWF

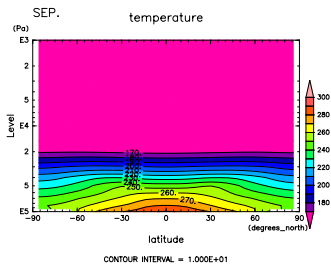


Figure 709: T at Sep. by DCPAM

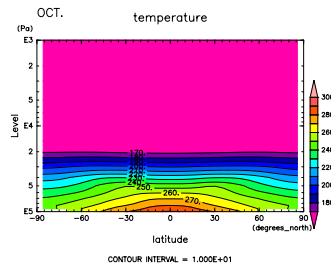


Figure 712: T at Oct. by DCPAM

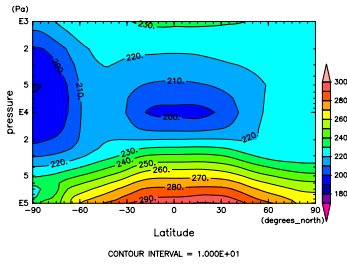


Figure 710: T at Sep. by NCEP

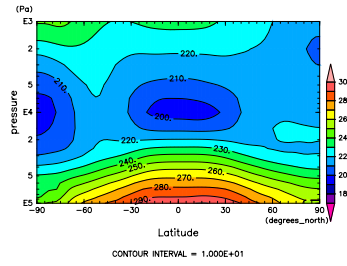


Figure 713: T at Oct. by NCEP

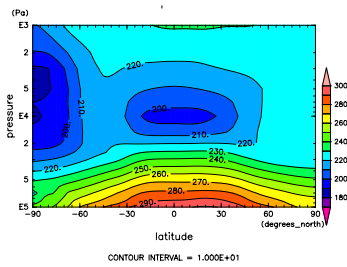


Figure 711: T at Sep. by ECMWF

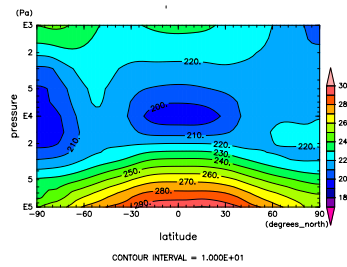


Figure 714: T at Oct. by ECMWF

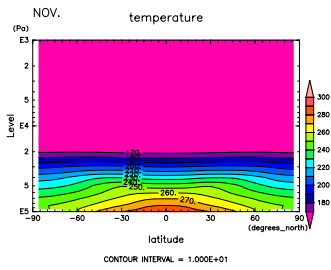


Figure 715: T at Nov. by DCPAM

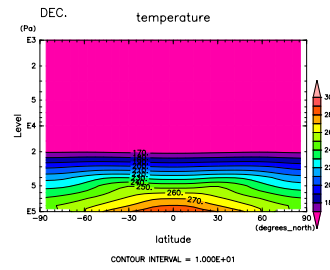


Figure 718: T at Dec. by DCPAM

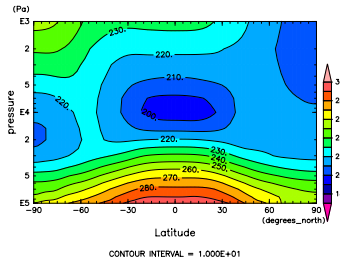


Figure 716: T at Nov. by NCEP

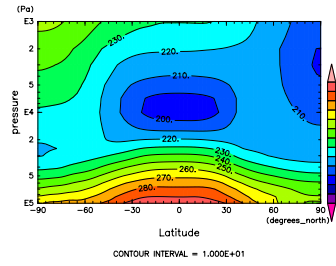


Figure 719: T at Dec. by NCEP

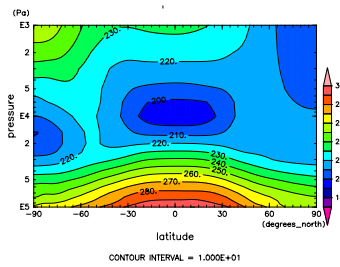


Figure 717: T at Nov. by ECMWF

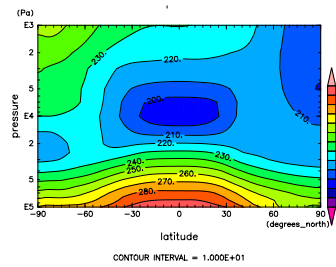


Figure 720: T at Dec. by ECMWF

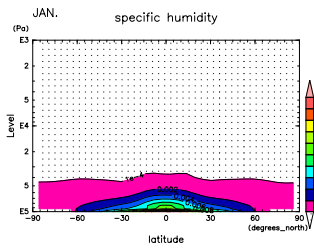


Figure 721: q at Jan. by DCPAM

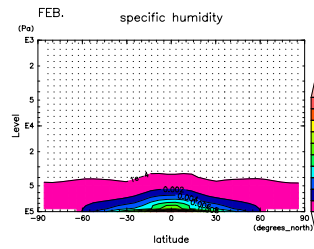


Figure 724: q at Feb. by DCPAM

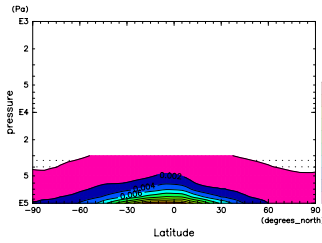


Figure 722: q at Jan. by NCEP

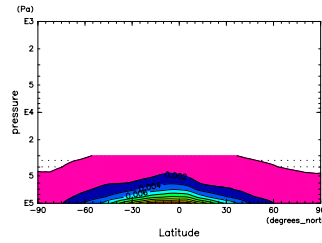


Figure 725: q at Feb. by NCEP

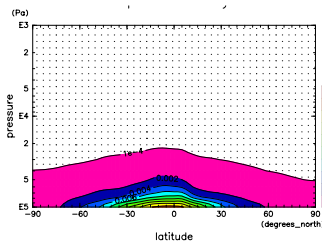


Figure 723: q at Jan. by ECMWF

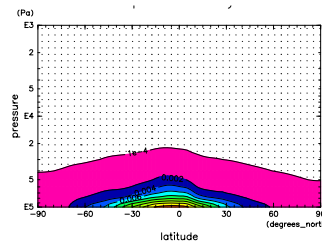


Figure 726: q at Feb. by ECMWF

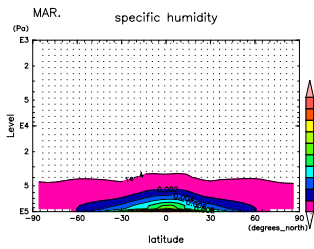


Figure 727: q at Mar. by DCPAM

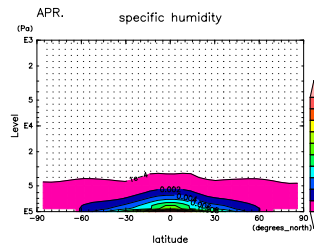


Figure 730: q at Apr. by DCPAM

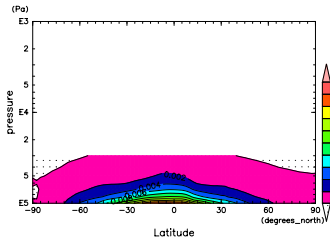


Figure 728: q at Mar. by NCEP

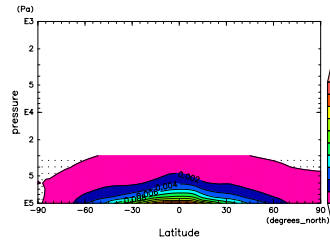


Figure 731: q at Apr. by NCEP

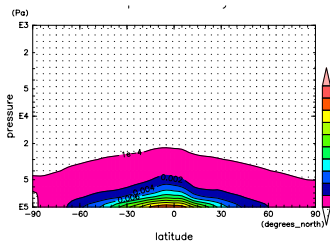


Figure 729: q at Mar. by ECMWF

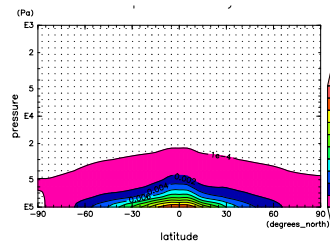


Figure 732: q at Apr. by ECMWF

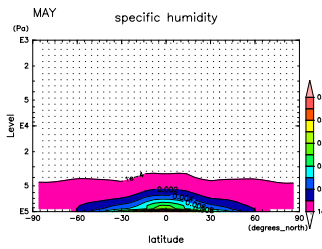


Figure 733: q at May by DCPAM

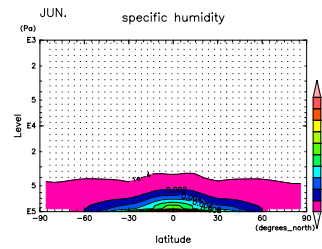


Figure 736: q at Jun. by DCPAM

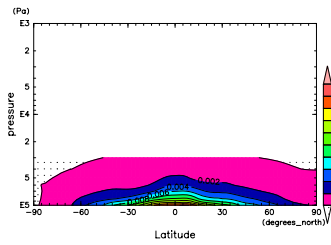


Figure 734: q at May by NCEP

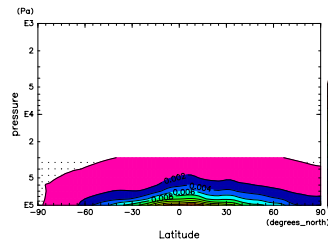


Figure 737: q at Jun. by NCEP

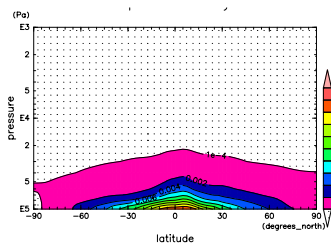


Figure 735: q at May by ECMWF

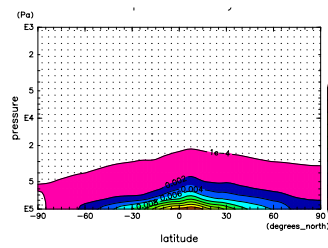


Figure 738: q at Jun. by ECMWF

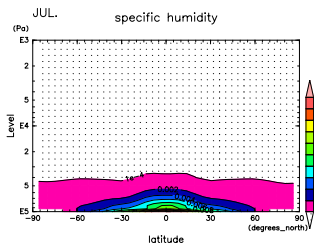


Figure 739: q at Jul. by DCPAM

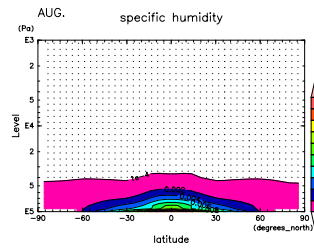


Figure 742: q at Aug. by DCPAM

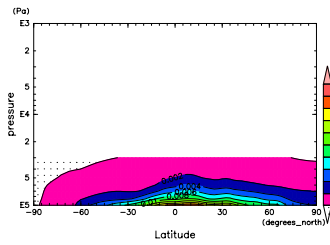


Figure 740: q at Jul. by NCEP

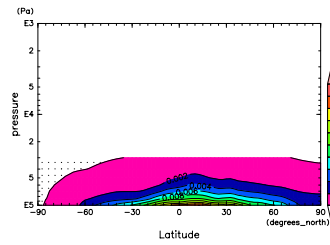


Figure 743: q at Aug. by NCEP

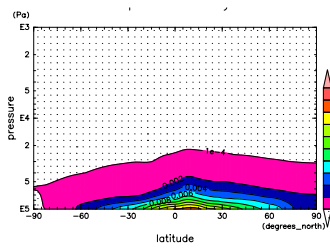


Figure 741: q at Jul. by ECMWF

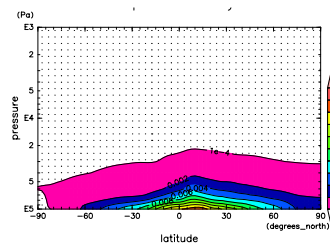


Figure 744: q at Aug. by ECMWF

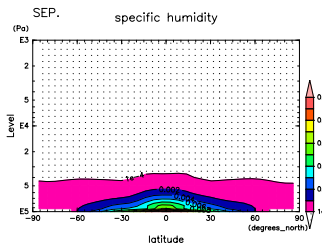


Figure 745: q at Sep. by DCPAM

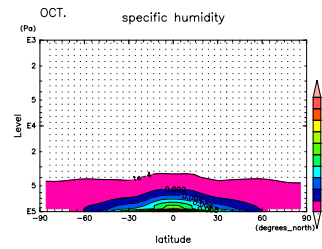


Figure 748: q at Oct. by DCPAM

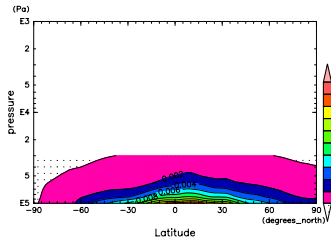


Figure 746: q at Sep. by NCEP

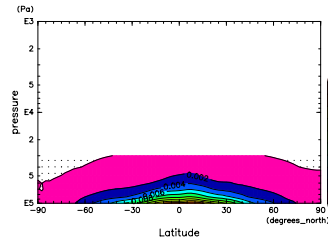


Figure 749: q at Oct. by NCEP

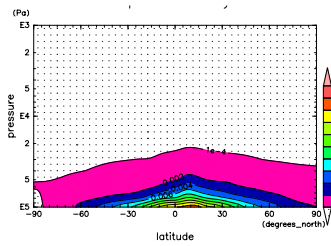


Figure 747: q at Sep. by ECMWF

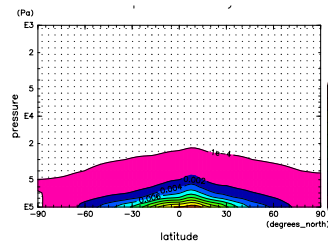


Figure 750: q at Oct. by ECMWF

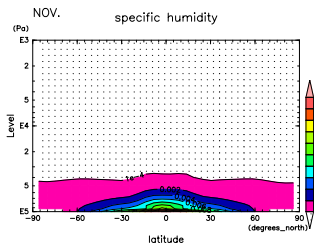


Figure 751: q at Nov. by DCPAM

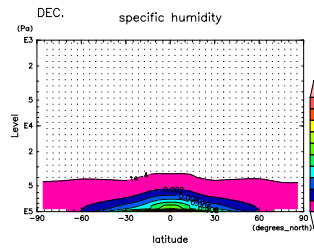


Figure 754: q at Dec. by DCPAM

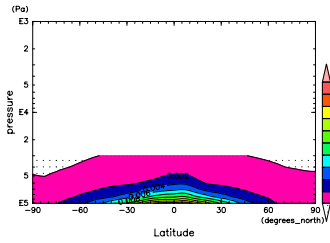


Figure 752: q at Nov. by NCEP

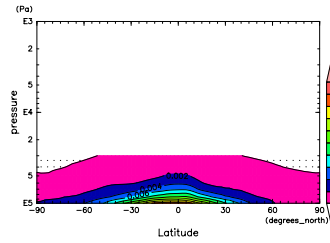


Figure 755: q at Dec. by NCEP

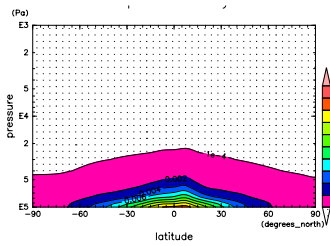


Figure 753: q at Nov. by ECMWF

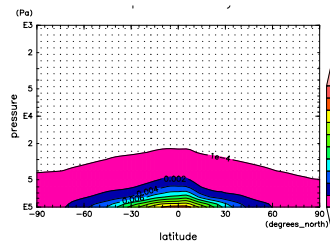


Figure 756: q at Dec. by ECMWF

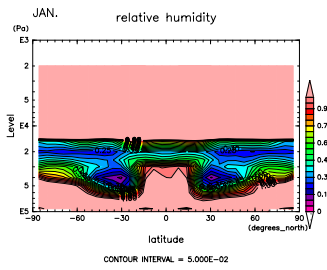


Figure 757: RH at Jan. by DCPAM

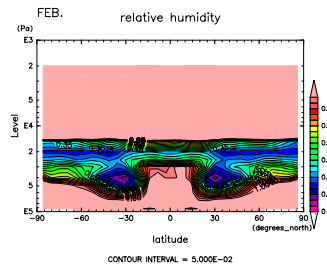


Figure 760: RH at Feb. by DCPAM

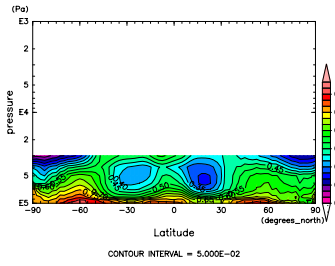


Figure 758: RH at Jan. by NCEP

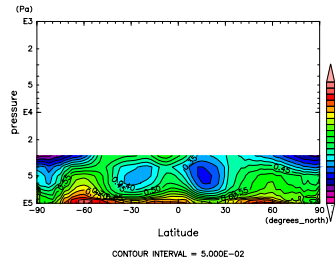


Figure 761: RH at Feb. by NCEP

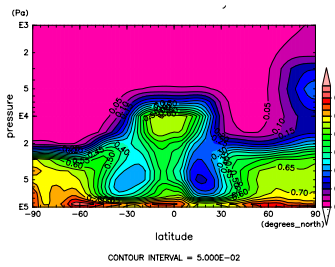


Figure 759: RH at Jan. by ECMWF

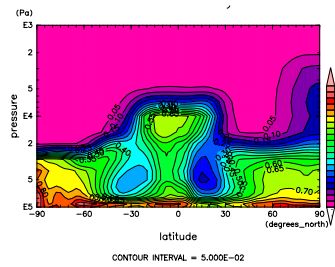


Figure 762: RH at Feb. by ECMWF

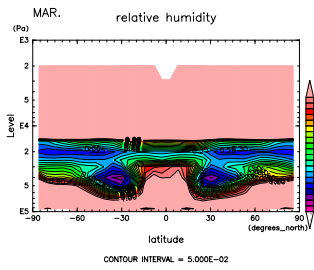


Figure 763: RH at Mar. by DCPAM

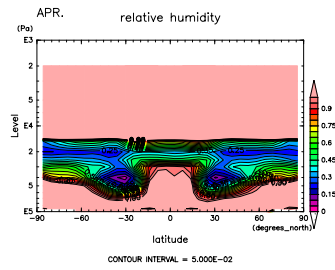


Figure 766: RH at Apr. by DCPAM

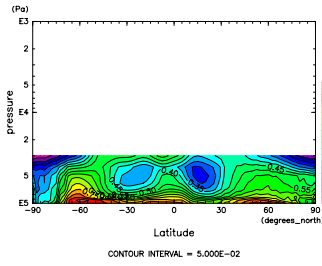


Figure 764: RH at Mar. by NCEP

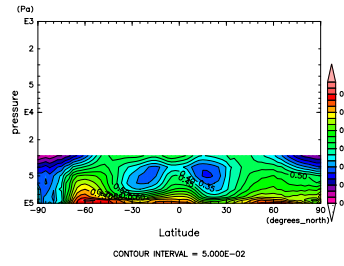


Figure 767: RH at Apr. by NCEP

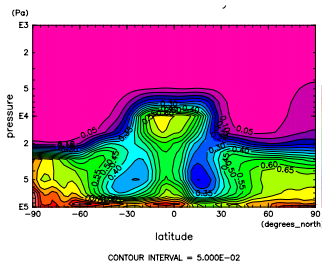


Figure 765: RH at Mar. by ECMWF

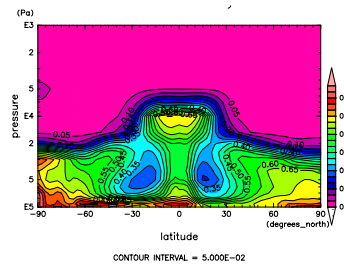


Figure 768: RH at Apr. by ECMWF

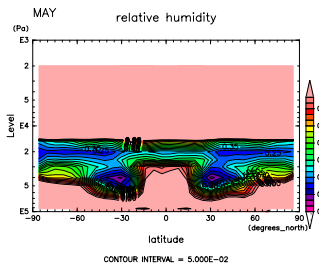


Figure 769: RH at May by DCPAM

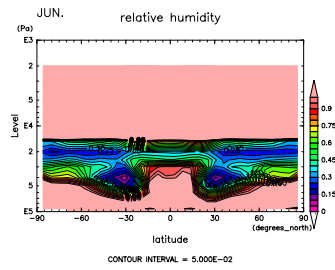


Figure 772: RH at Jun. by DCPAM

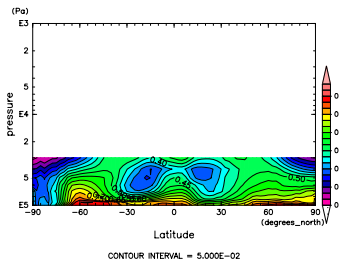


Figure 770: RH at May by NCEP

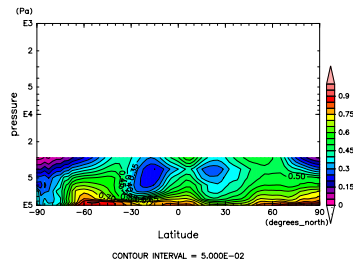


Figure 773: RH at Jun. by NCEP

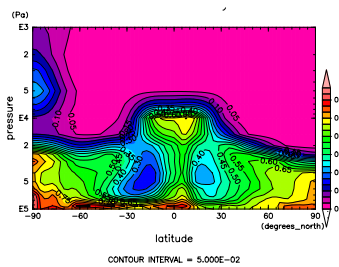


Figure 771: RH at May by ECMWF

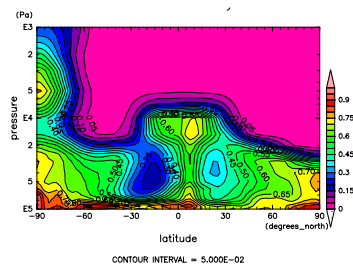


Figure 774: RH at Jun. by ECMWF

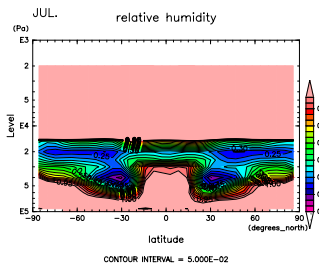


Figure 775: RH at Jul. by DCPAM

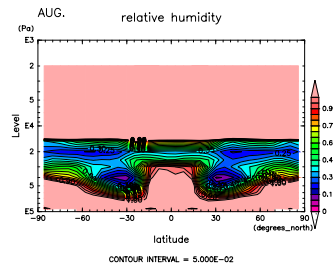


Figure 778: RH at Aug. by DCPAM

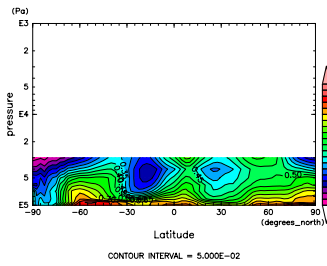


Figure 776: RH at Jul. by NCEP

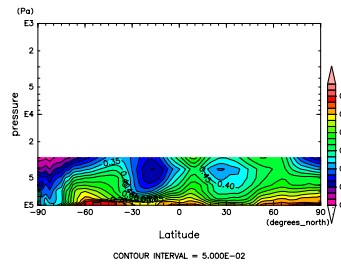


Figure 779: RH at Aug. by NCEP

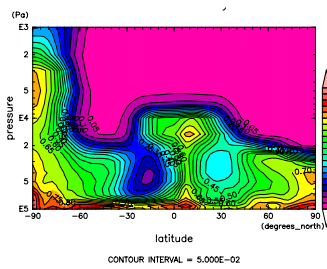


Figure 777: RH at Jul. by ECMWF

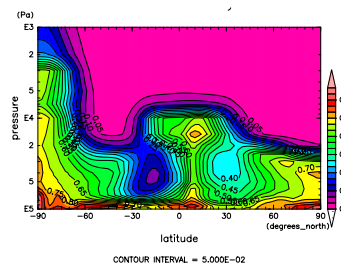


Figure 780: RH at Aug. by ECMWF

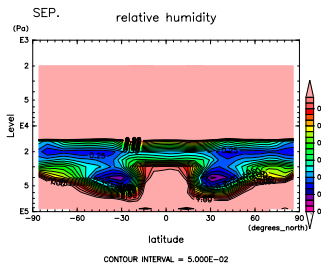


Figure 781: RH at Sep. by DCPAM

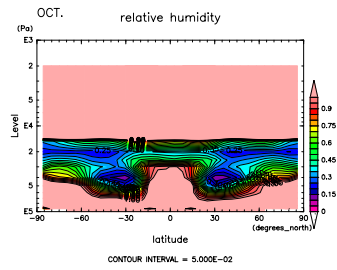


Figure 784: RH at Oct. by DCPAM

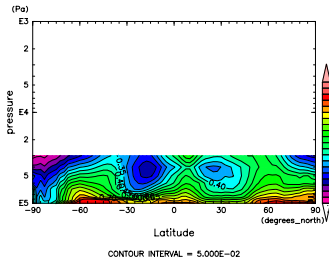


Figure 782: RH at Sep. by NCEP

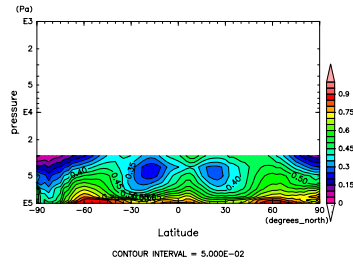


Figure 785: RH at Oct. by NCEP

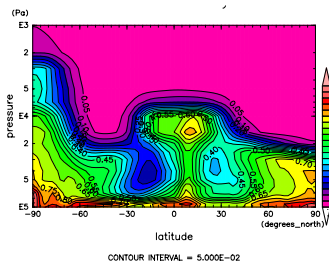


Figure 783: RH at Sep. by ECMWF

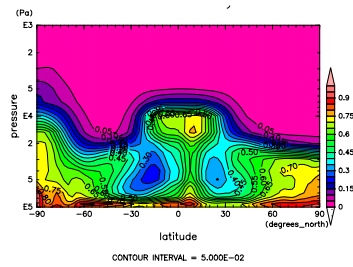


Figure 786: RH at Oct. by ECMWF

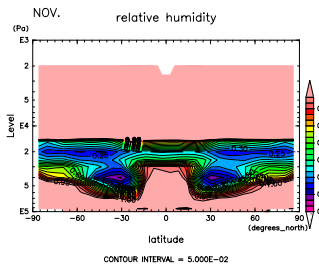


Figure 787: RH at Nov. by DCPAM

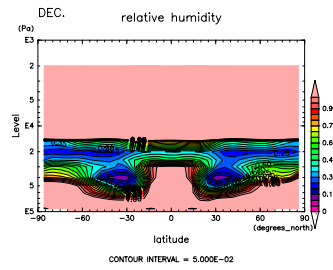


Figure 790: RH at Dec. by DCPAM

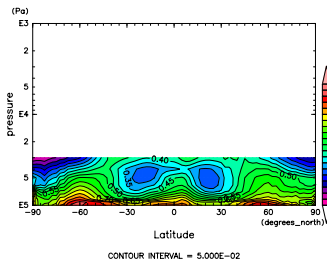


Figure 788: RH at Nov. by NCEP

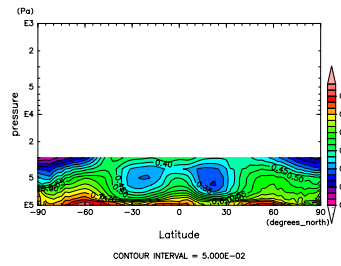


Figure 791: RH at Dec. by NCEP

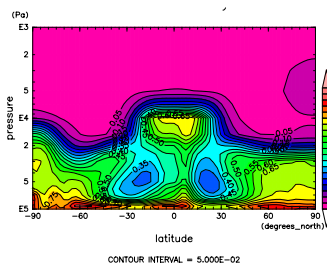


Figure 789: RH at Nov. by ECMWF

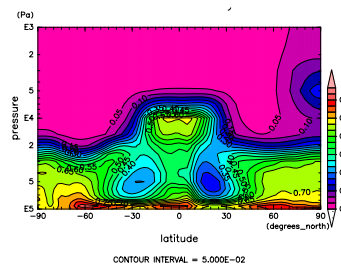


Figure 792: RH at Dec. by ECMWF

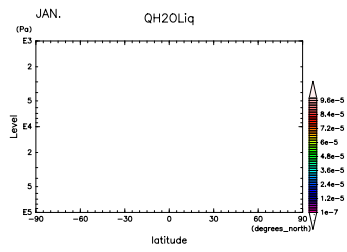


Figure 793: q_l at Jan. by DCPAM

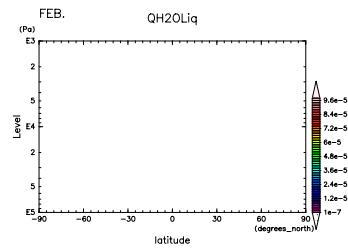


Figure 794: q_l at Feb. by DCPAM

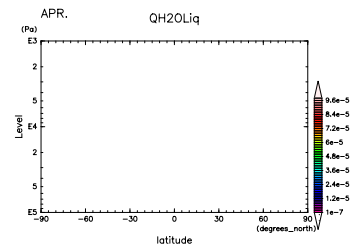
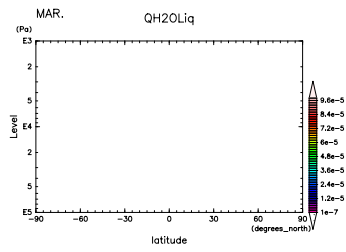


Figure 795: q_l at Mar. by DCPAM

Figure 796: q_l at Apr. by DCPAM

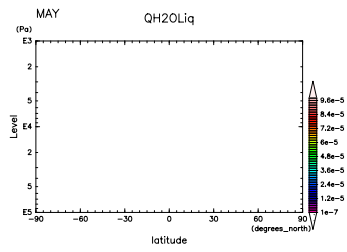


Figure 797: q_l at May by DCPAM

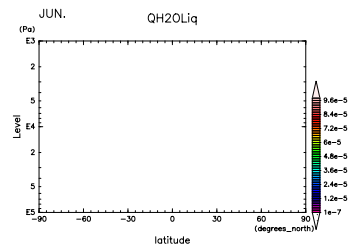


Figure 798: q_l at Jun. by DCPAM

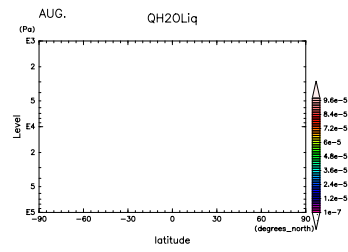
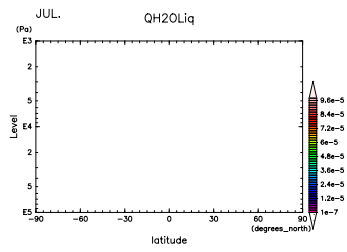


Figure 799: q_l at Jul. by DCPAM

Figure 800: q_l at Aug. by DCPAM

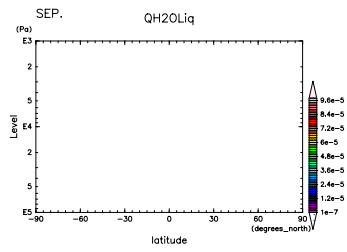


Figure 801: q_l at Sep. by DCPAM

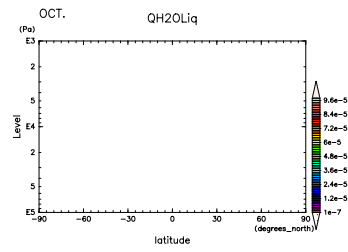


Figure 802: q_l at Oct. by DCPAM

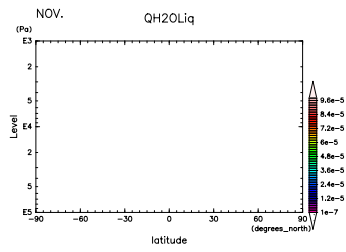


Figure 803: q_l at Nov. by DCPAM

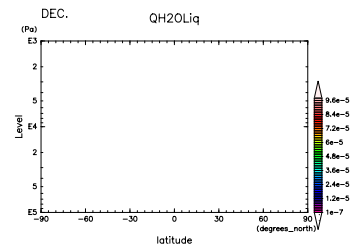


Figure 804: q_l at Dec. by DCPAM

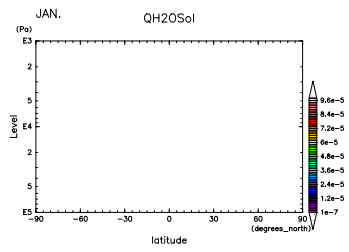


Figure 805: q_i at Jan. by DCPAM

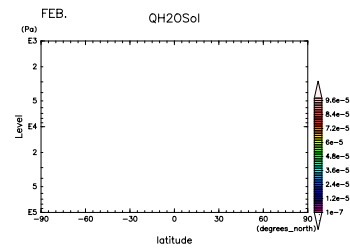


Figure 806: q_i at Feb. by DCPAM

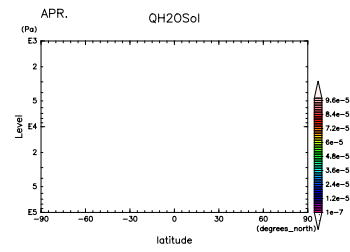
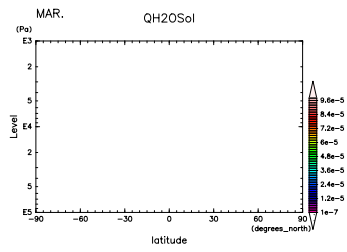


Figure 807: q_i at Mar. by DCPAM

Figure 808: q_i at Apr. by DCPAM

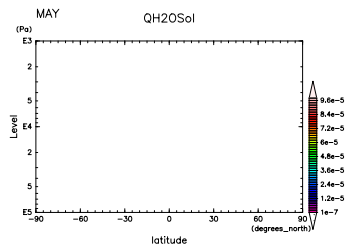


Figure 809: q_i at May by DCPAM

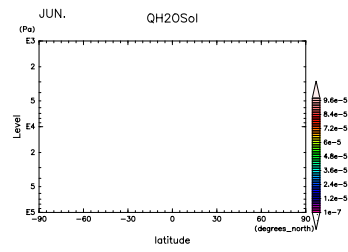


Figure 810: q_i at Jun. by DCPAM

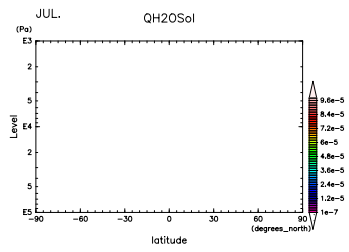


Figure 811: q_i at Jul. by DCPAM

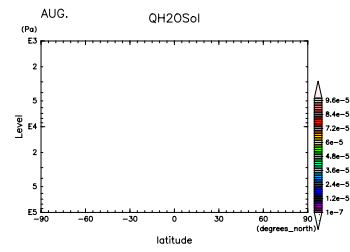


Figure 812: q_i at Aug. by DCPAM

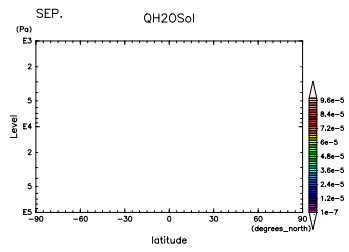


Figure 813: q_i at Sep. by DCPAM

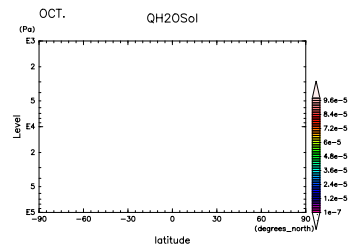


Figure 814: q_i at Oct. by DCPAM

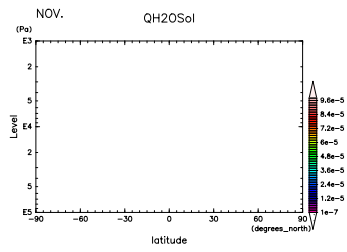


Figure 815: q_i at Nov. by DCPAM

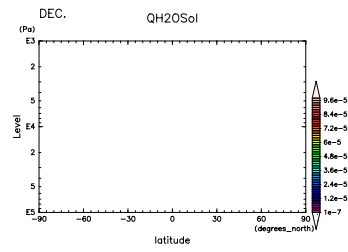


Figure 816: q_i at Dec. by DCPAM



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

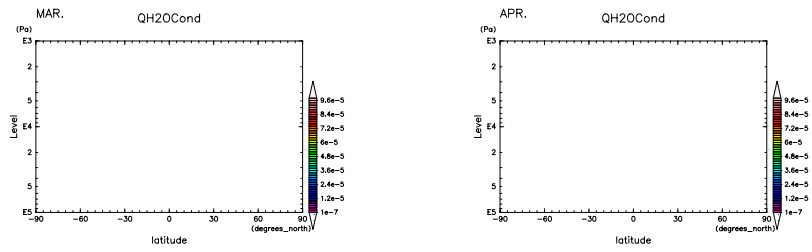


Figure 819: $q_l + q_i$ at Mar. by DCPAM Figure 820: $q_l + q_i$ at Apr. by DCPAM

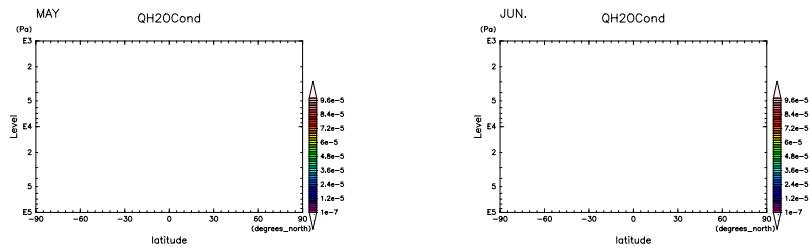


Figure 821: $q_l + q_i$ at May by DCPAM Figure 822: $q_l + q_i$ at Jun. by DCPAM

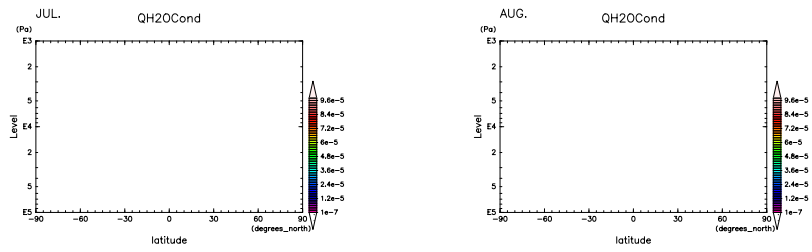


Figure 823: $q_l + q_i$ at Jul. by DCPAM Figure 824: $q_l + q_i$ at Aug. by DCPAM



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

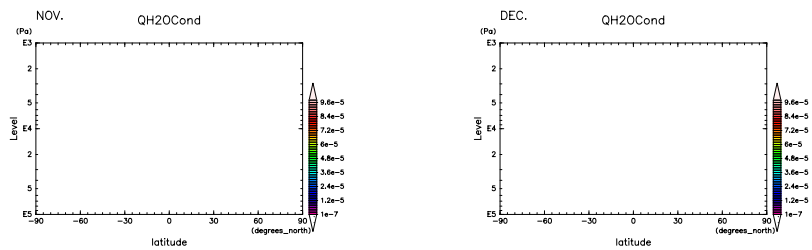


Figure 827: $q_l + q_i$ at Nov. by DCPAM Figure 828: $q_l + q_i$ at Dec. by DCPAM

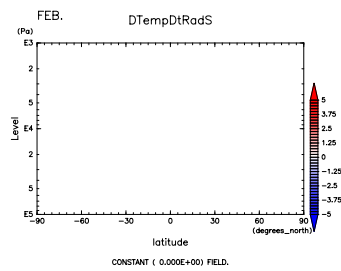
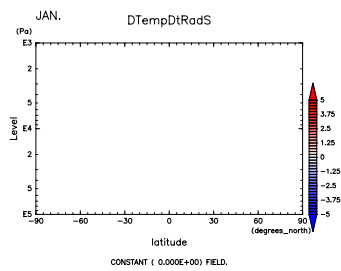


Figure 829: $(\partial T/\partial t)_{sw}$ at Jan. by DCPAM Figure 830: $(\partial T/\partial t)_{sw}$ at Feb. by DCPAM

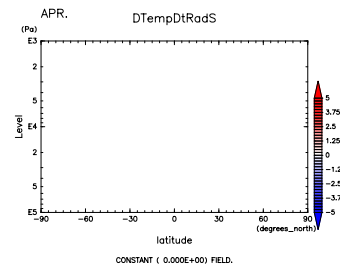
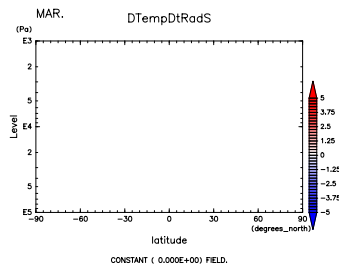


Figure 831: $(\partial T/\partial t)_{SW}$ at Mar. by DCPAM Figure 832: $(\partial T/\partial t)_{SW}$ at Apr. by DCPAM

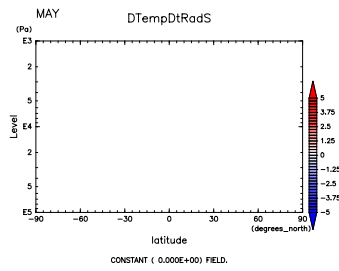


Figure 833: $(\partial T/\partial t)_{SW}$ at May by DCPAM

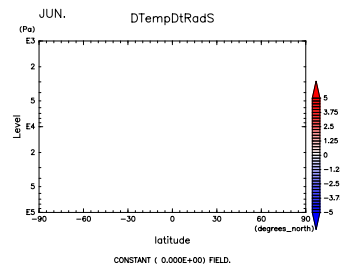


Figure 834: $(\partial T/\partial t)_{SW}$ at Jun. by DCPAM

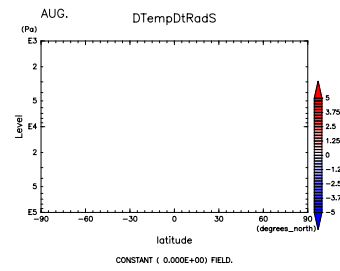
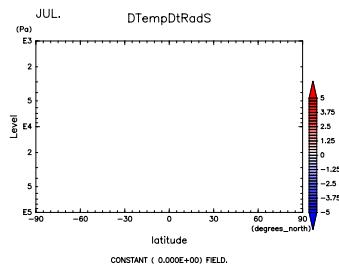


Figure 835: $(\partial T/\partial t)_{SW}$ at Jul. by DCPAM by Figure 836: $(\partial T/\partial t)_{SW}$ at Aug. by DCPAM

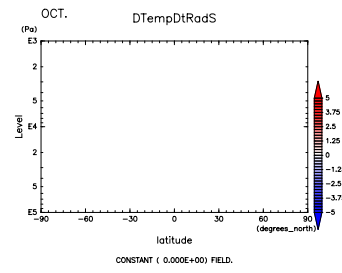
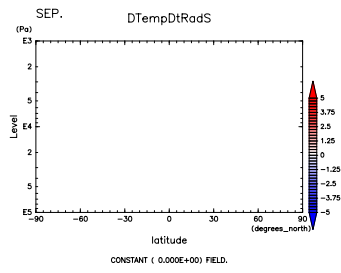


Figure 837: $(\partial T/\partial t)_{sw}$ at Sep. by DCPAM Figure 838: $(\partial T/\partial t)_{sw}$ at Oct. by DCPAM

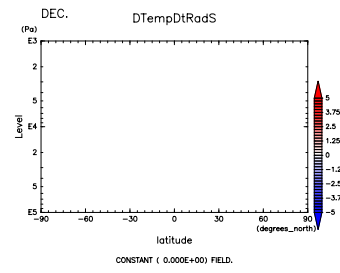
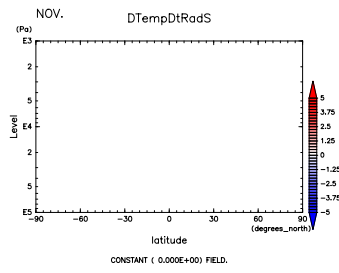


Figure 839: $(\partial T/\partial t)_{SW}$ at Nov. by DCPAM Figure 840: $(\partial T/\partial t)_{SW}$ at Dec. by DCPAM

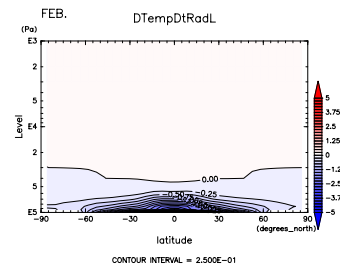
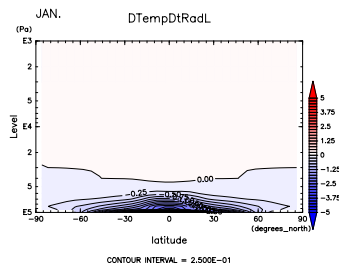


Figure 841: $(\partial T/\partial t)_{LW}$ at Jan. by DCPAM Figure 842: $(\partial T/\partial t)_{LW}$ at Feb. by DCPAM

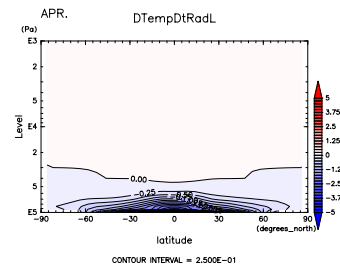
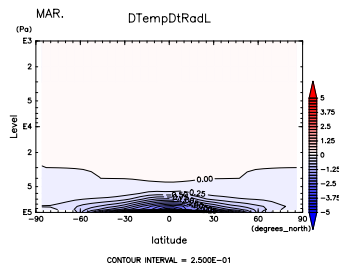


Figure 843: $(\partial T/\partial t)_{LW}$ at Mar. by DCPAM Figure 844: $(\partial T/\partial t)_{LW}$ at Apr. by DCPAM

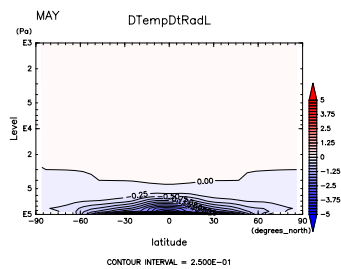


Figure 845: $(\partial T/\partial t)_{LW}$ at May by DCPAM

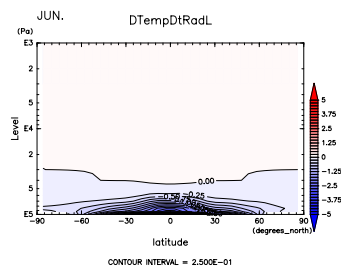


Figure 846: $(\partial T/\partial t)_{LW}$ at Jun. by DCPAM

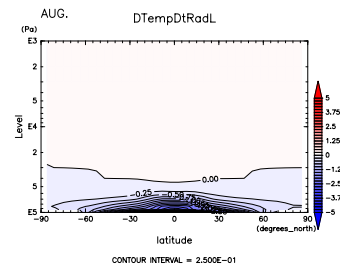
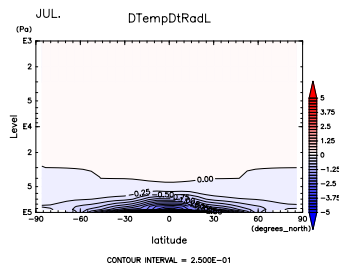


Figure 847: $(\partial T/\partial t)_{LW}$ at Jul. by DCPAM Figure 848: $(\partial T/\partial t)_{LW}$ at Aug. by DCPAM

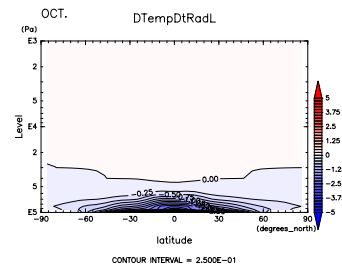
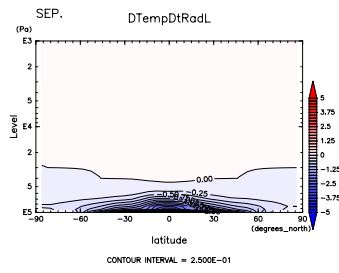


Figure 849: $(\partial T / \partial t)_{LW}$ at Sep. by DCPAM Figure 850: $(\partial T / \partial t)_{LW}$ at Oct. by DCPAM

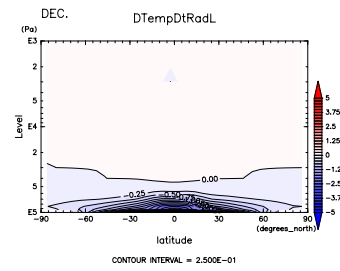
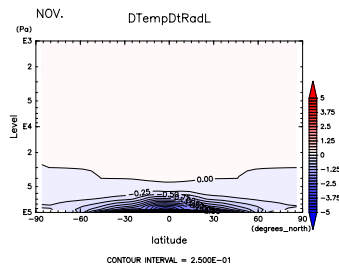


Figure 851: $(\partial T/\partial t)_{LW}$ at Nov. by DCPAM Figure 852: $(\partial T/\partial t)_{LW}$ at Dec. by DCPAM

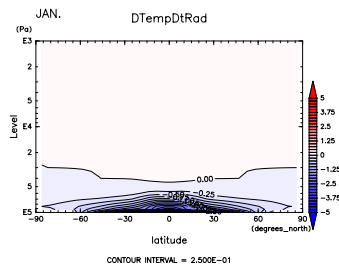


Figure 853: $(\partial T/\partial t)_{SW+LW}$ at Jan.
by DCPAM

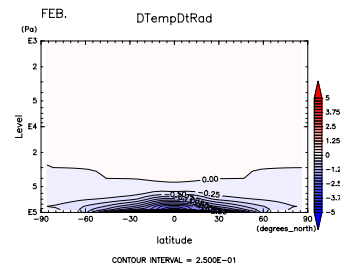


Figure 854: $(\partial T/\partial t)_{SW+LW}$ at Feb.
by DCPAM

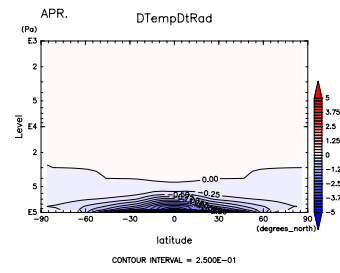
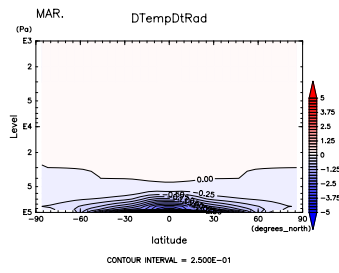


Figure 855: $(\partial T/\partial t)_{SW+LW}$ at Mar.
by DCPAM

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

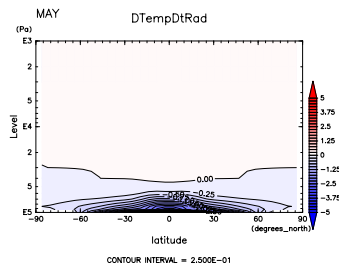


Figure 857: $(\partial T/\partial t)_{SW+LW}$ at May by DCPAM

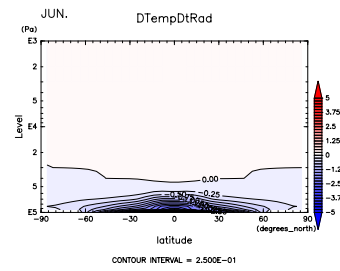


Figure 858: $(\partial T/\partial t)_{SW+LW}$ at Jun. by DCPAM

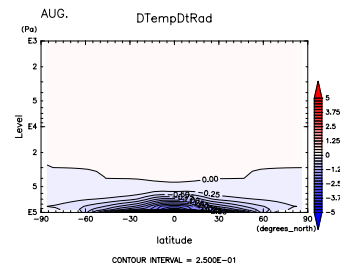
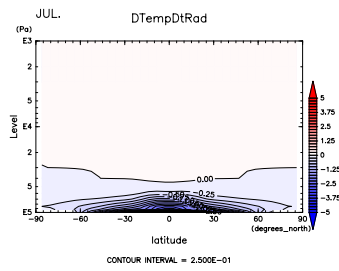


Figure 859: $(\partial T/\partial t)_{SW+LW}$ at Jul. by DCPAM

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

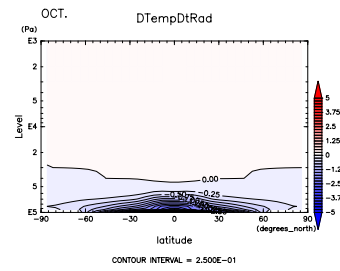
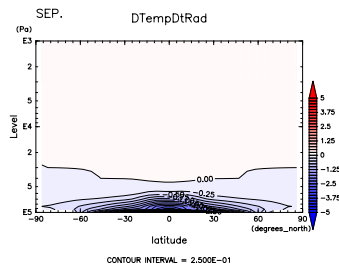


Figure 861: $(\partial T/\partial t)_{SW+LW}$ at Sep. by DCPAM

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

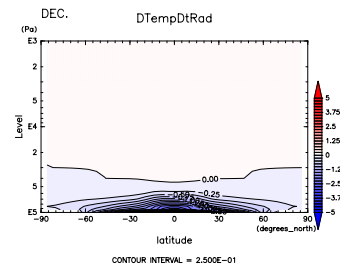
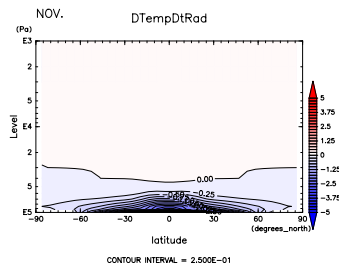


Figure 863: $(\partial T/\partial t)_{SW+LW}$ at Nov. by DCPAM

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