

0.1 Global mean budget

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

PRCP	:	96.8384355314066 W m ⁻² ,	80
EvapU	:	96.9004362462724 W m ⁻² ,	80
SensA	:	21.8615849523937 W m ⁻² ,	17
SLRA	:	79.6783222823328 W m ⁻² ,	63
SSRA	:	-194.626562345088 W m ⁻² ,	-161
OLRA	:	251.540555997013 W m ⁻² ,	239
OSRA	:	-250.37640321851 W m ⁻² ,	-239
Heating:		2.64962836176298 W m ⁻²	
Water	:	5.91050857237403e-10 kg m ⁻² s ⁻¹	

0.2 Figures

Data from 1979 to 2008 are used for NCEP reanalysis, and those from 1979 to 2001 are used for ECMWF reanalysis. Version of ECMWF reanalysis used here is ERA40. NCEP reanalysis data were downloaded from <http://www.esrl.noaa.gov/psd/data/reanalysis/reanalysis.shtml>. ECMWF ERA40 data were downloaded from <http://database.rish.kyoto-u.ac.jp/arch/era40/>.

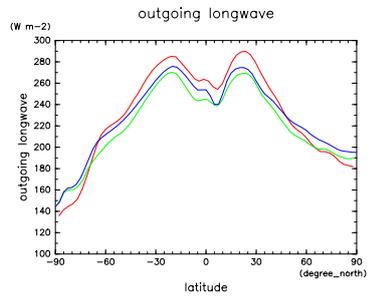


Figure 1: Annual average OLR by dcpam (red), NCEP (green), and ECMWF (blue)

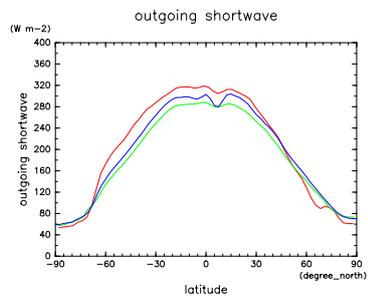


Figure 2: Annual average OSRA by dcpam (red), NCEP (green), and ECMWF (blue)

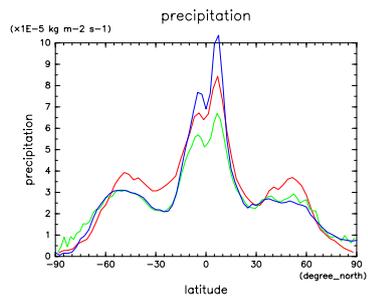


Figure 3: Annual average PRCP by dcpam (red), NCEP (green), and ECMWF (blue)

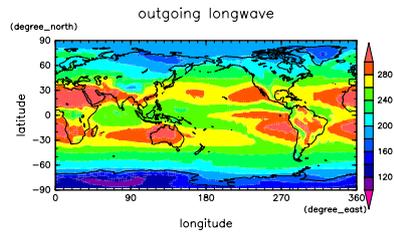


Figure 4: Annual mean OLR by de-pam

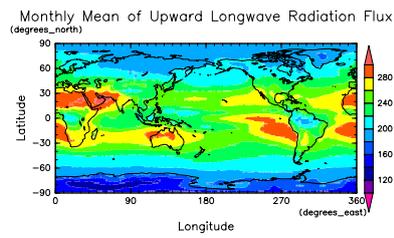


Figure 5: Annual mean OLR by NCEP

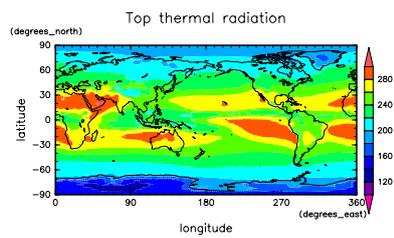


Figure 6: Annual mean OLR by ECMWF

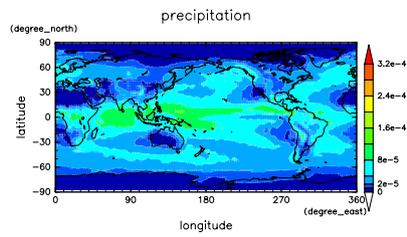


Figure 7: Annual mean Rain by de-pam

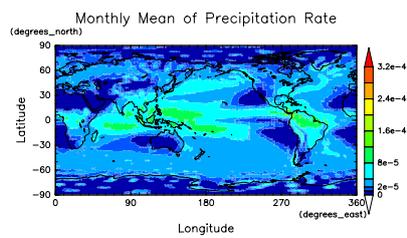


Figure 8: Annual mean Rain by NCEP

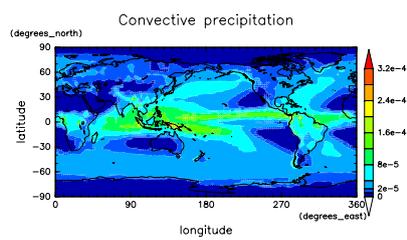


Figure 9: Annual mean Rain by ECMWF

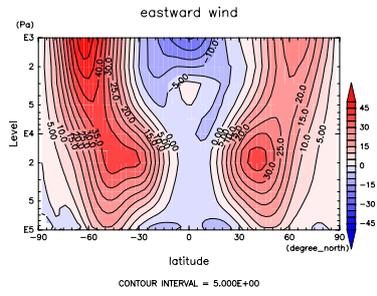


Figure 10: Annual mean U by dpam

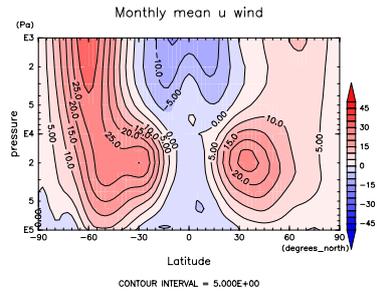


Figure 11: Annual mean U by NCEP

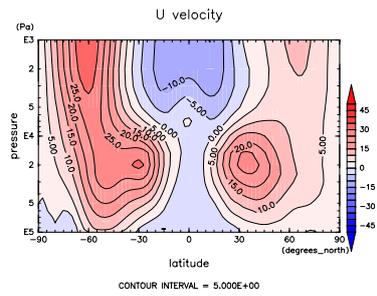


Figure 12: Annual mean U by ECMWF

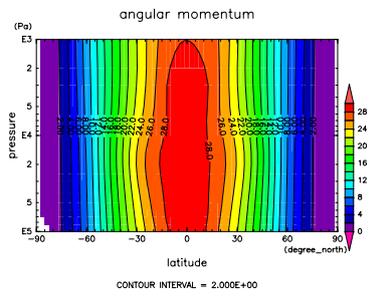


Figure 13: Annual mean ANG MOM by dcpam

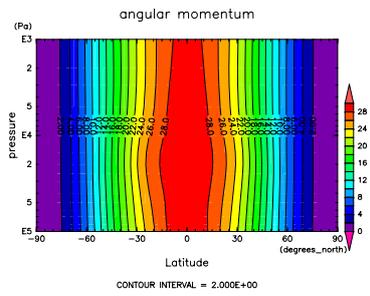


Figure 14: Annual mean ANG MOM by NCEP

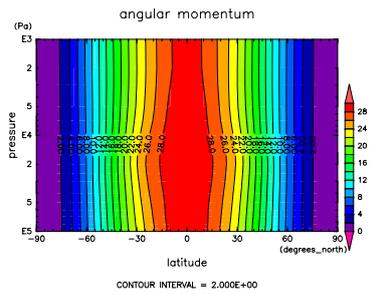


Figure 15: Annual mean ANG MOM by ECMWF

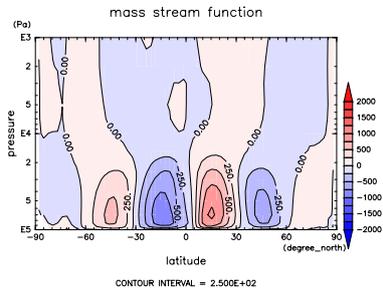


Figure 16: Annual mean MSF by de-pam

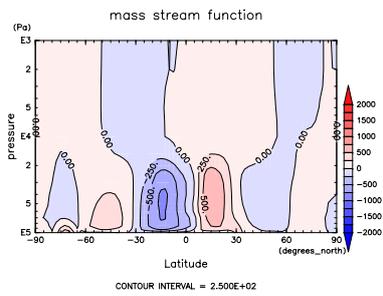


Figure 17: Annual mean MSF by NCEP

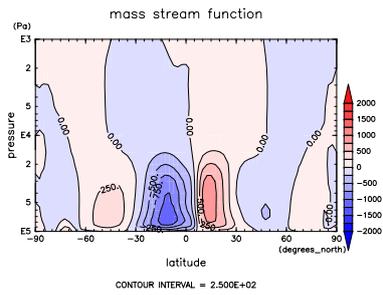


Figure 18: Annual mean MSF by ECMWF

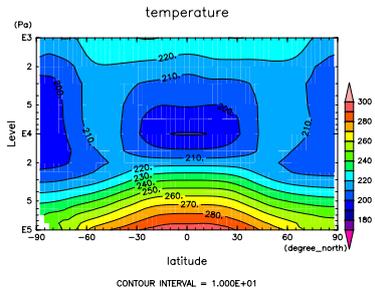


Figure 19: Annual mean T by dcpam

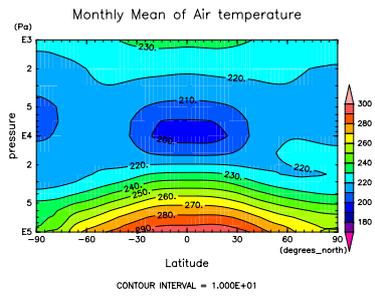


Figure 20: Annual mean T by NCEP

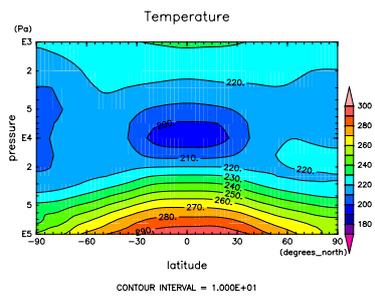


Figure 21: Annual mean T by ECMWF

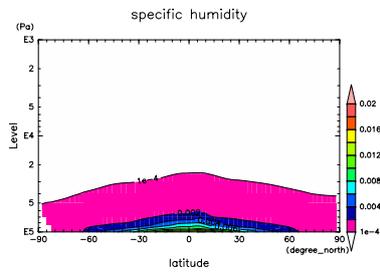


Figure 22: Annual mean q by dc pam

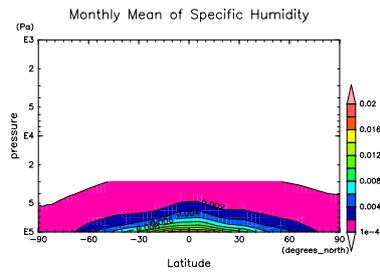


Figure 23: Annual mean q by NCEP

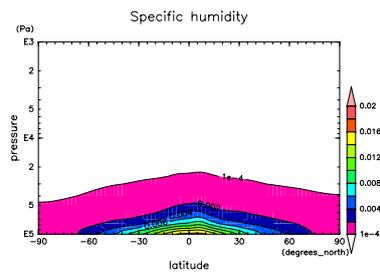


Figure 24: Annual mean q by ECMWF

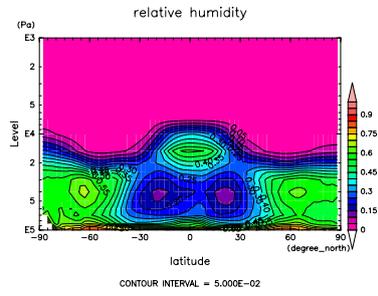


Figure 25: Annual mean RH by dc-pam

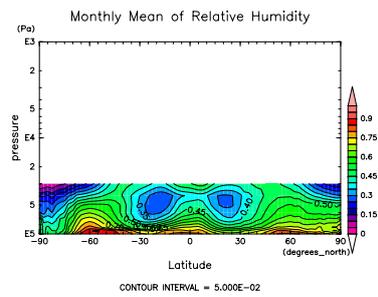


Figure 26: Annual mean RH by NCEP

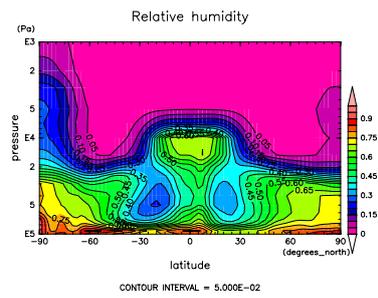


Figure 27: Annual mean RH by ECMWF

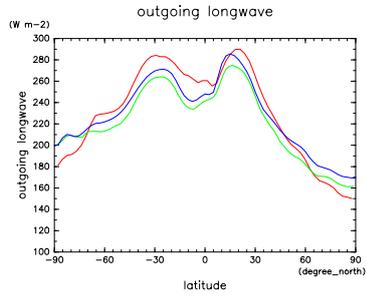


Figure 28: OLRA at Jan. by dcpam (red), NCEP (green), and ECMWF (blue)

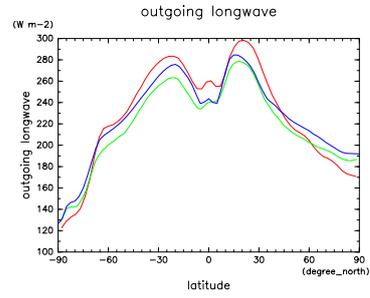


Figure 31: OLRA at Apr. by dcpam (red), NCEP (green), and ECMWF (blue)

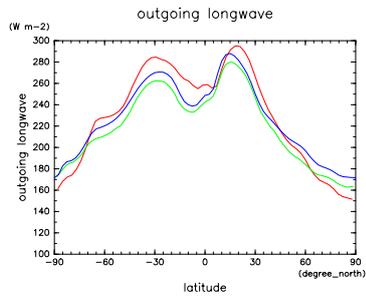


Figure 29: OLRA at Feb. by dcpam (red), NCEP (green), and ECMWF (blue)

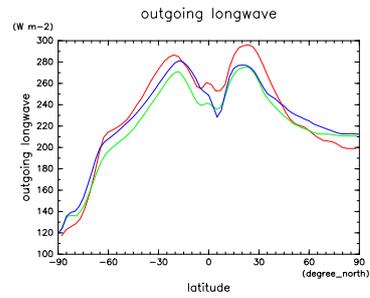


Figure 32: OLRA at May by dcpam (red), NCEP (green), and ECMWF (blue)

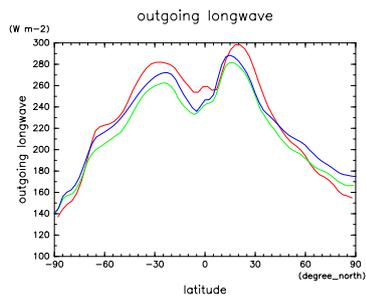


Figure 30: OLRA at Mar. by dcpam (red), NCEP (green), and ECMWF (blue)

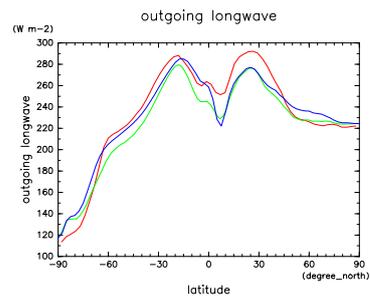


Figure 33: OLRA at Jun. by dcpam (red), NCEP (green), and ECMWF (blue)

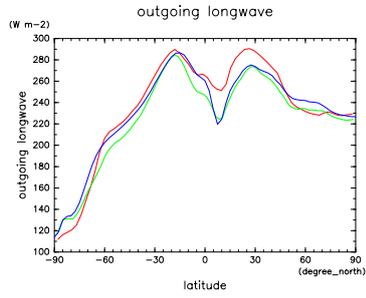


Figure 34: OLRA at Jul. by dc pam (red), NCEP (green), and ECMWF (blue)

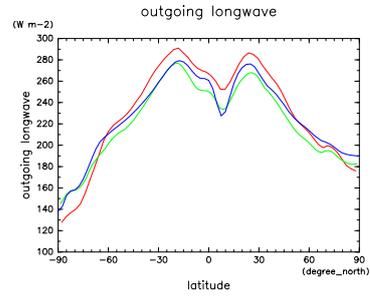


Figure 37: OLRA at Oct. by dc pam (red), NCEP (green), and ECMWF (blue)

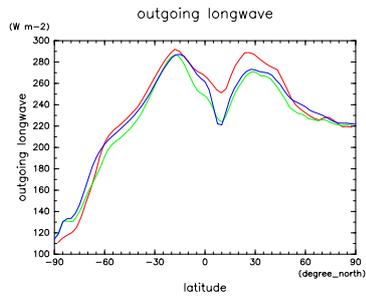


Figure 35: OLRA at Aug. by dc pam (red), NCEP (green), and ECMWF (blue)

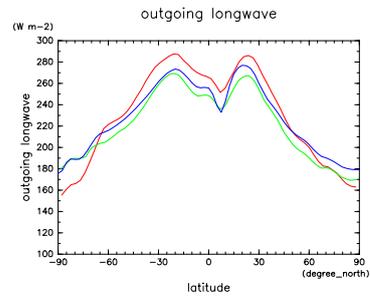


Figure 38: OLRA at Nov. by dc pam (red), NCEP (green), and ECMWF (blue)

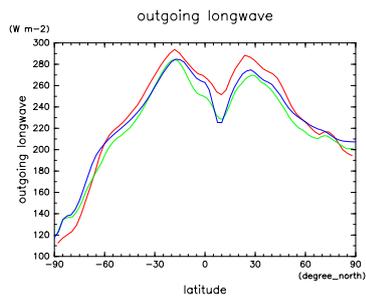


Figure 36: OLRA at Sep. by dc pam (red), NCEP (green), and ECMWF (blue)

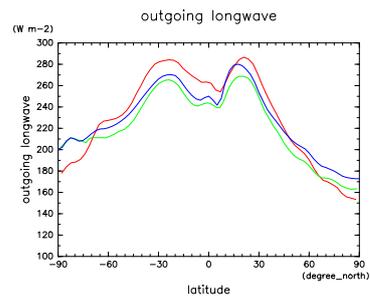


Figure 39: OLRA at Dec. by dc pam (red), NCEP (green), and ECMWF (blue)

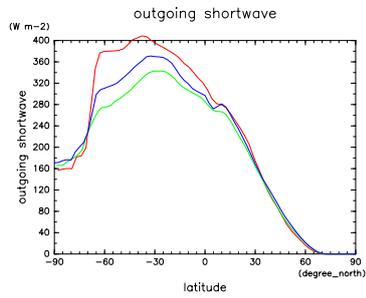


Figure 40: OSRA at Jan. by dc pam (red), NCEP (green), and ECMWF (blue)

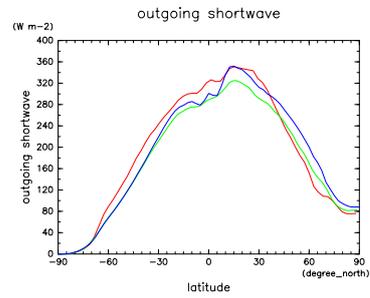


Figure 43: OSRA at Apr. by dc pam (red), NCEP (green), and ECMWF (blue)

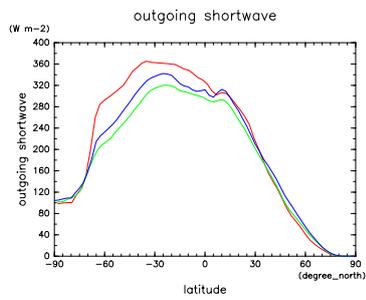


Figure 41: OSRA at Feb. by dc pam (red), NCEP (green), and ECMWF (blue)

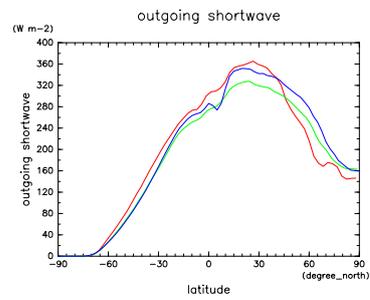


Figure 44: OSRA at May by dc pam (red), NCEP (green), and ECMWF (blue)

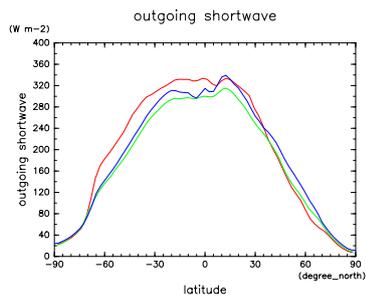


Figure 42: OSRA at Mar. by dc pam (red), NCEP (green), and ECMWF (blue)

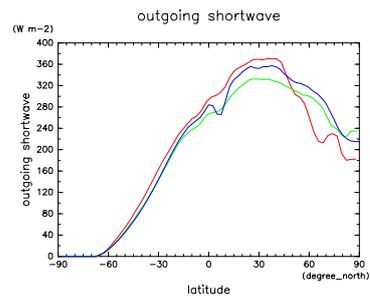


Figure 45: OSRA at Jun. by dc pam (red), NCEP (green), and ECMWF (blue)

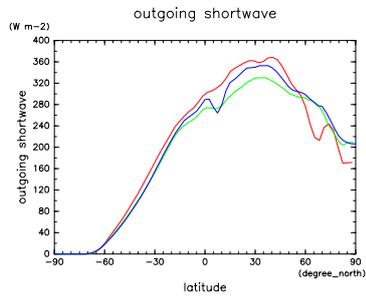


Figure 46: OSRA at Jul. by dcpan (red), NCEP (green), and ECMWF (blue)

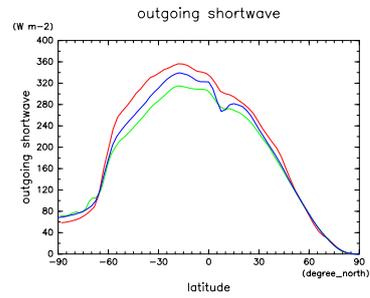


Figure 49: OSRA at Oct. by dcpan (red), NCEP (green), and ECMWF (blue)

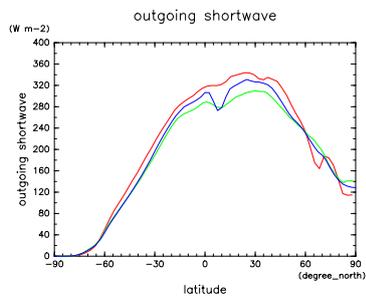


Figure 47: OSRA at Aug. by dcpan (red), NCEP (green), and ECMWF (blue)

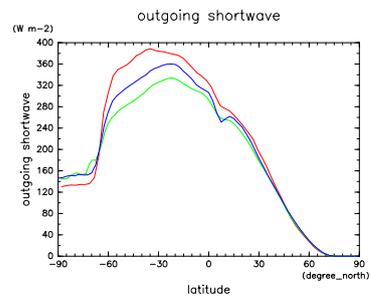


Figure 50: OSRA at Nov. by dcpan (red), NCEP (green), and ECMWF (blue)

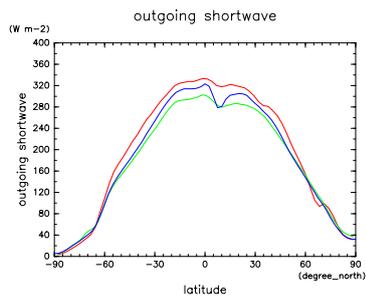


Figure 48: OSRA at Sep. by dcpan (red), NCEP (green), and ECMWF (blue)

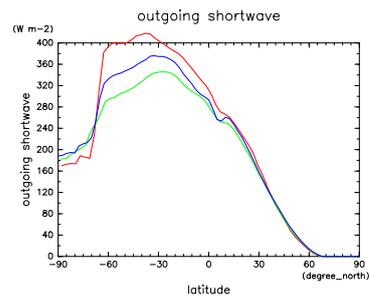


Figure 51: OSRA at Dec. by dcpan (red), NCEP (green), and ECMWF (blue)

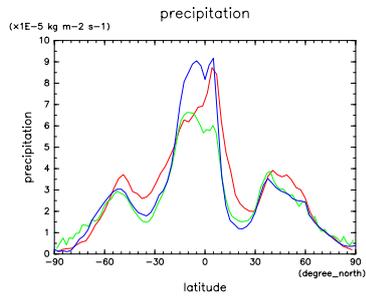


Figure 52: Rain at Jan. by dcpam (red), NCEP (green), and ECMWF (blue)

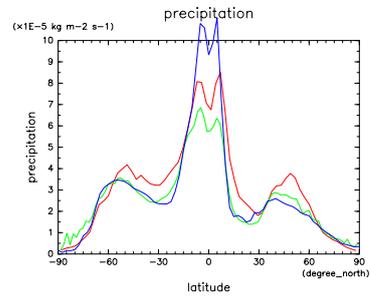


Figure 55: Rain at Apr. by dcpam (red), NCEP (green), and ECMWF (blue)

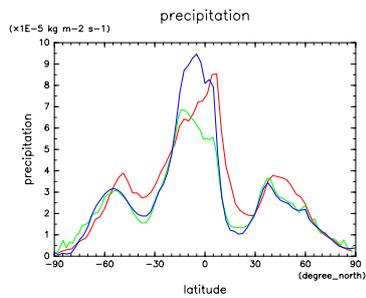


Figure 53: Rain at Feb. by dcpam (red), NCEP (green), and ECMWF (blue)

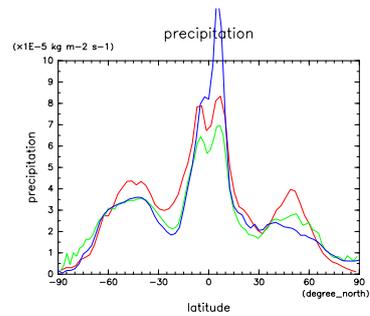


Figure 56: Rain at May by dcpam (red), NCEP (green), and ECMWF (blue)

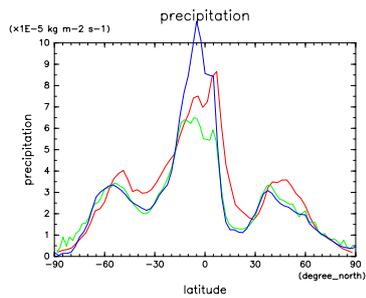


Figure 54: Rain at Mar. by dcpam (red), NCEP (green), and ECMWF (blue)

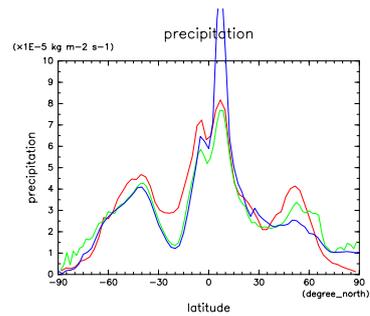


Figure 57: Rain at Jun. by dcpam (red), NCEP (green), and ECMWF (blue)

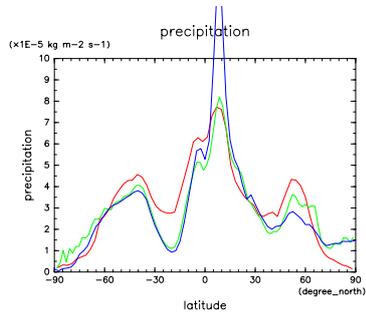


Figure 58: Rain at Jul. by dcpam (red), NCEP (green), and ECMWF (blue)

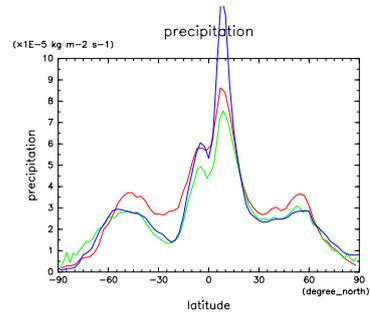


Figure 61: Rain at Oct. by dcpam (red), NCEP (green), and ECMWF (blue)

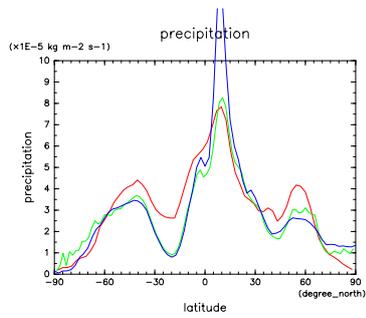


Figure 59: Rain at Aug. by dcpam (red), NCEP (green), and ECMWF (blue)

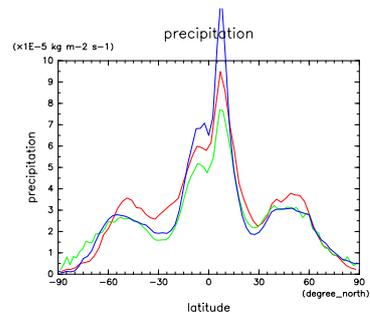


Figure 62: Rain at Nov. by dcpam (red), NCEP (green), and ECMWF (blue)

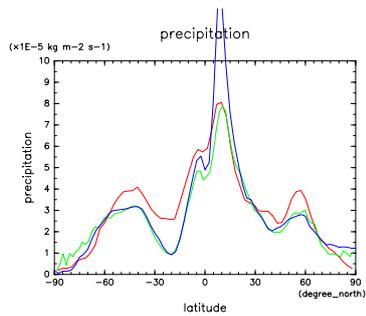


Figure 60: Rain at Sep. by dcpam (red), NCEP (green), and ECMWF (blue)

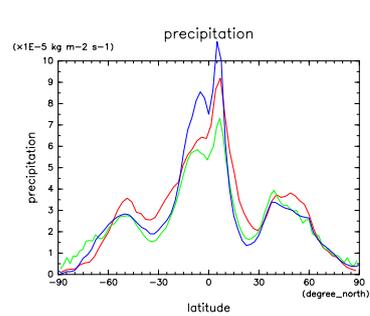


Figure 63: Rain at Dec. by dcpam (red), NCEP (green), and ECMWF (blue)

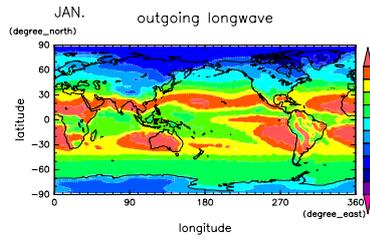


Figure 64: OLR at Jan. by depam

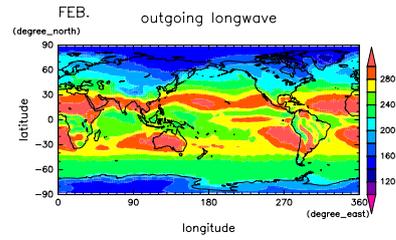


Figure 67: OLR at Feb. by depam

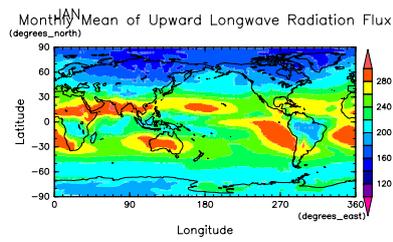


Figure 65: OLR at Jan. by NCEP

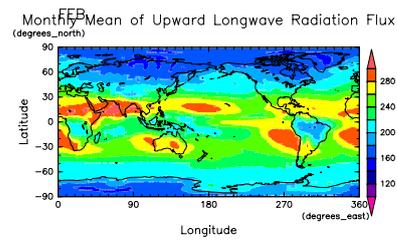


Figure 68: OLR at Feb. by NCEP

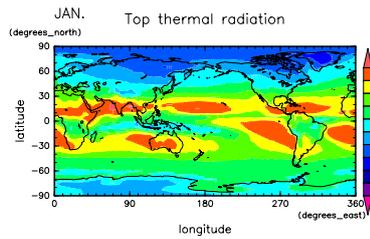


Figure 66: OLR at Jan. by ECMWF

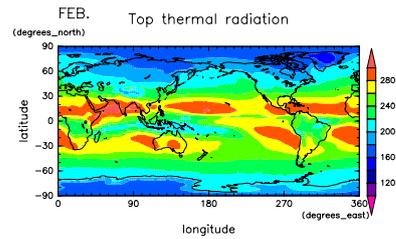


Figure 69: OLR at Feb. by ECMWF

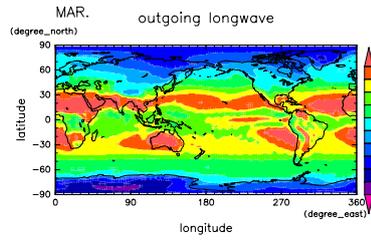


Figure 70: OLR at Mar. by depam

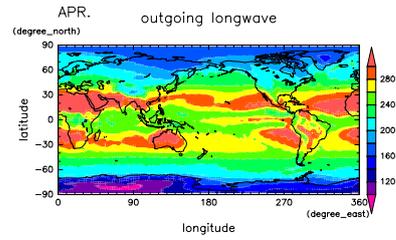


Figure 73: OLR at Apr. by depam

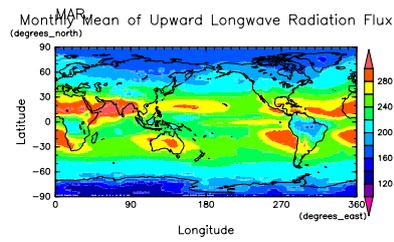


Figure 71: OLR at Mar. by NCEP

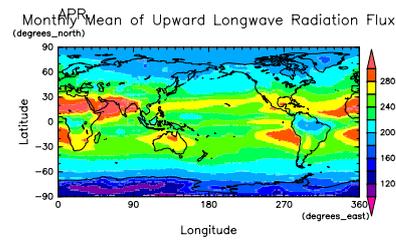


Figure 74: OLR at Apr. by NCEP

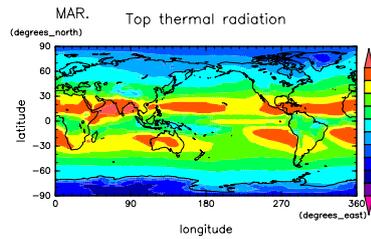


Figure 72: OLR at Mar. by ECMWF

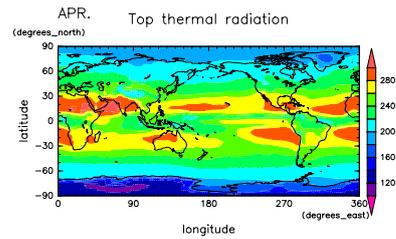


Figure 75: OLR at Apr. by ECMWF

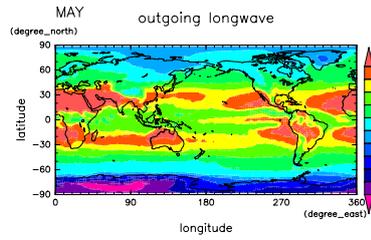


Figure 76: OLR at May by dcpam

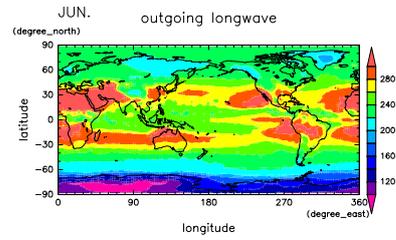


Figure 79: OLR at Jun. by dcpam

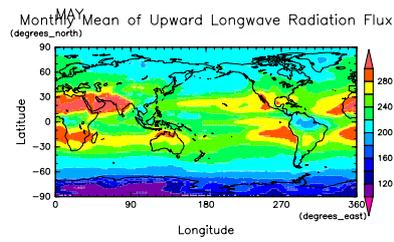


Figure 77: OLR at May by NCEP

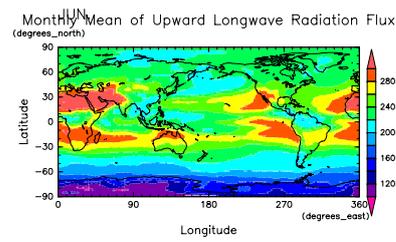


Figure 80: OLR at Jun. by NCEP

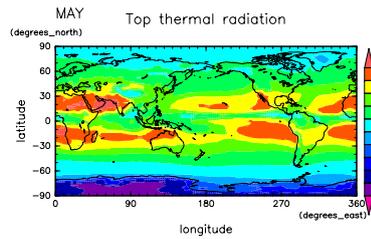


Figure 78: OLR at May by ECMWF

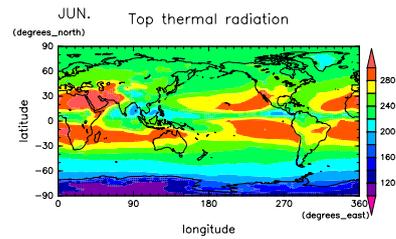


Figure 81: OLR at Jun. by ECMWF

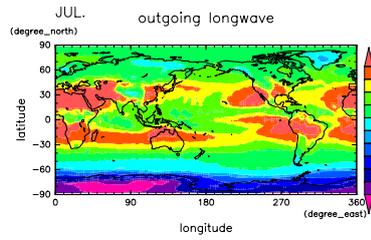


Figure 82: OLR at Jul. by dcpam

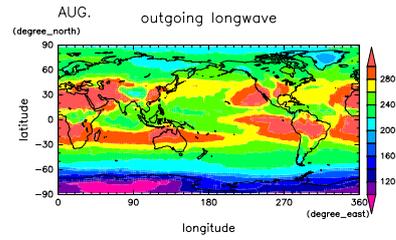


Figure 85: OLR at Aug. by dcpam

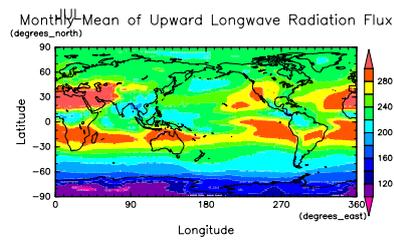


Figure 83: OLR at Jul. by NCEP

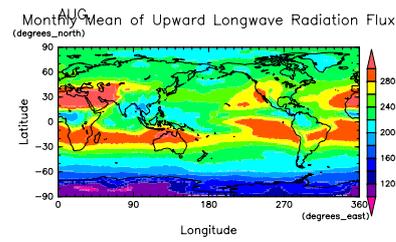


Figure 86: OLR at Aug. by NCEP

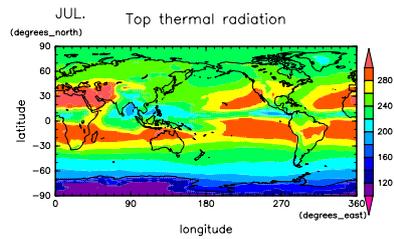


Figure 84: OLR at Jul. by ECMWF

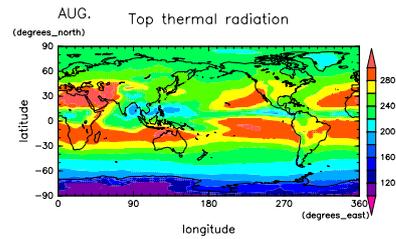


Figure 87: OLR at Aug. by ECMWF

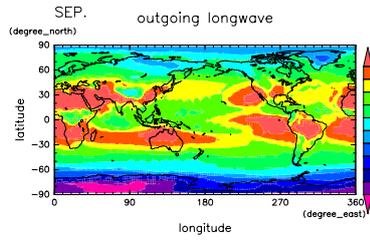


Figure 88: OLR at Sep. by dcpam

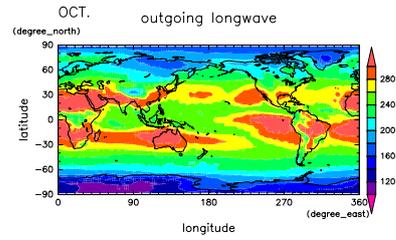


Figure 91: OLR at Oct. by dcpam

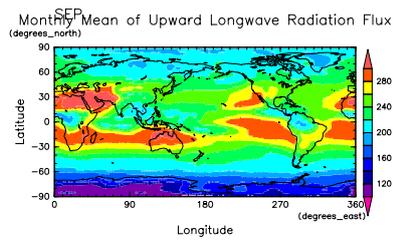


Figure 89: OLR at Sep. by NCEP

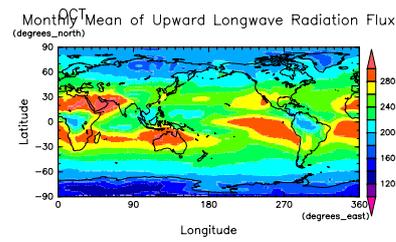


Figure 92: OLR at Oct. by NCEP

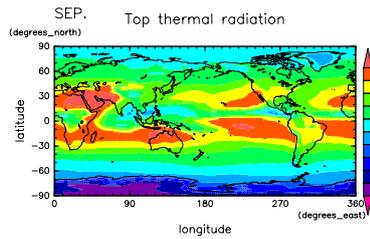


Figure 90: OLR at Sep. by ECMWF

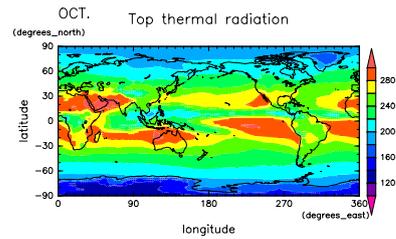


Figure 93: OLR at Oct. by ECMWF

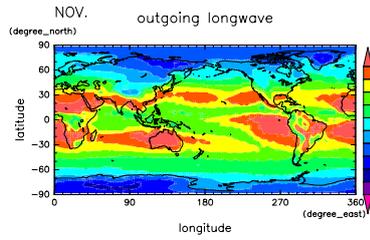


Figure 94: OLR at Nov. by dcpam

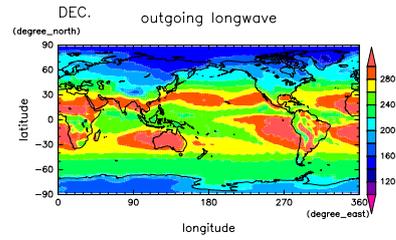


Figure 97: OLR at Dec. by dcpam

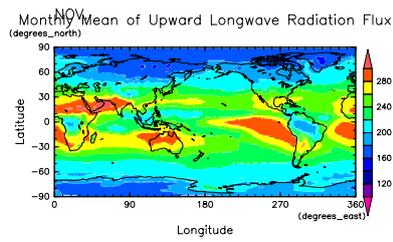


Figure 95: OLR at Nov. by NCEP

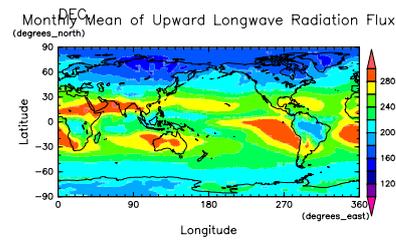


Figure 98: OLR at Dec. by NCEP

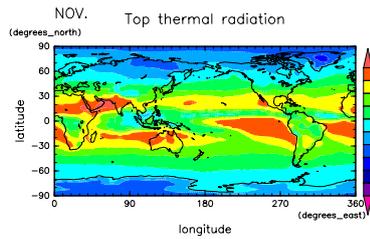


Figure 96: OLR at Nov. by ECMWF

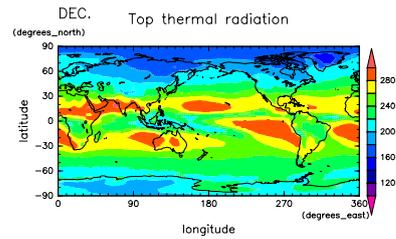


Figure 99: OLR at Dec. by ECMWF

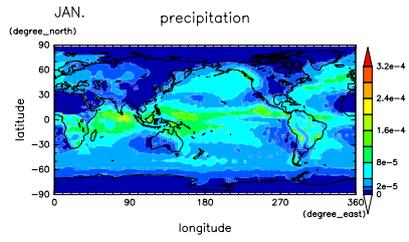


Figure 100: Rain at Jan. by dcpam

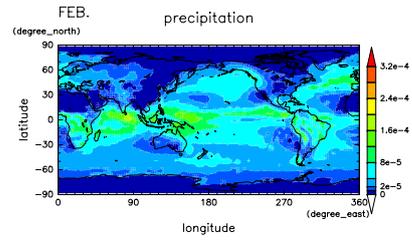


Figure 103: Rain at Feb. by dcpam

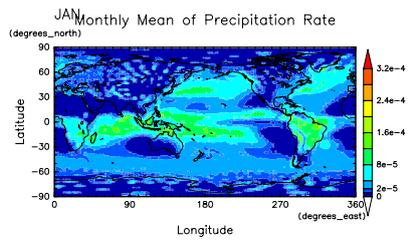


Figure 101: Rain at Jan. by NCEP

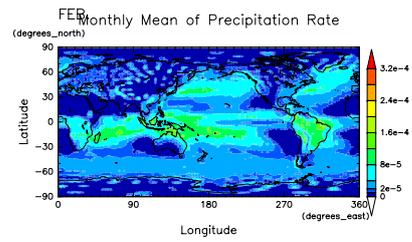


Figure 104: Rain at Feb. by NCEP

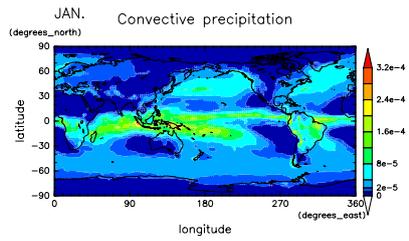


Figure 102: Rain at Jan. by ECMWF

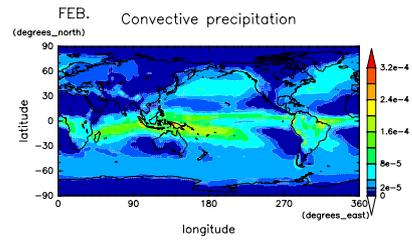


Figure 105: Rain at Feb. by ECMWF

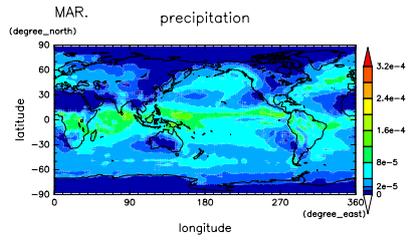


Figure 106: Rain at Mar. by dcpam

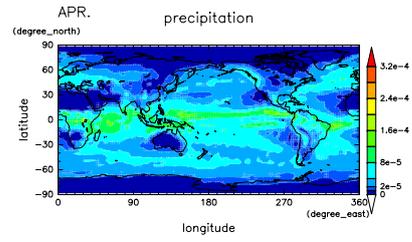


Figure 109: Rain at Apr. by dcpam

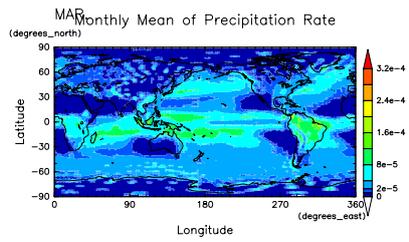


Figure 107: Rain at Mar. by NCEP

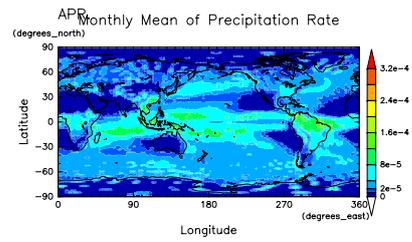


Figure 110: Rain at Apr. by NCEP

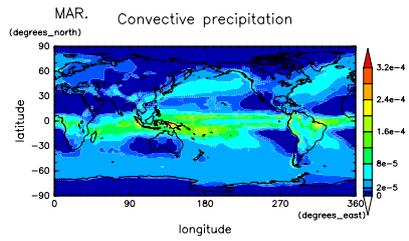


Figure 108: Rain at Mar. by ECMWF

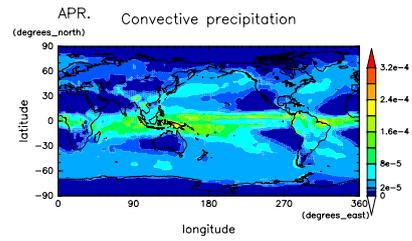


Figure 111: Rain at Apr. by ECMWF

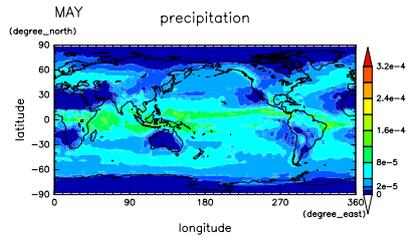


Figure 112: Rain at May by dcpam

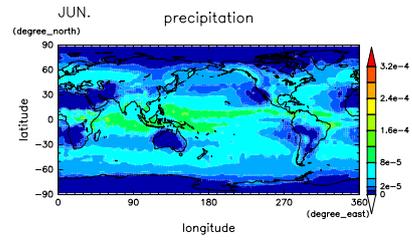


Figure 115: Rain at Jun. by dcpam

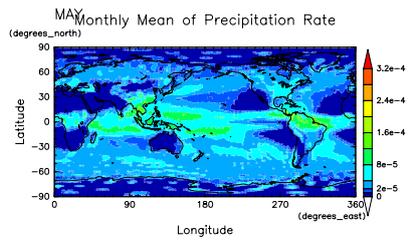


Figure 113: Rain at May by NCEP

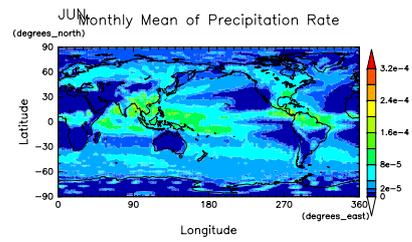


Figure 116: Rain at Jun. by NCEP

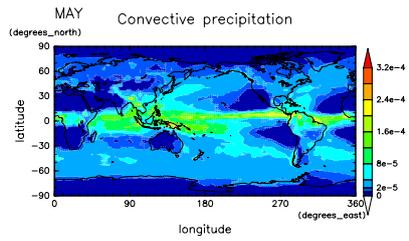


Figure 114: Rain at May by ECMWF

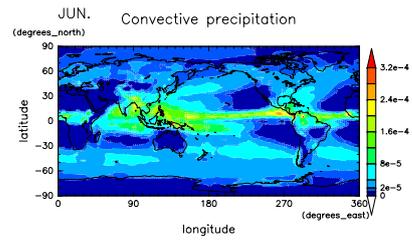


Figure 117: Rain at Jun. by ECMWF

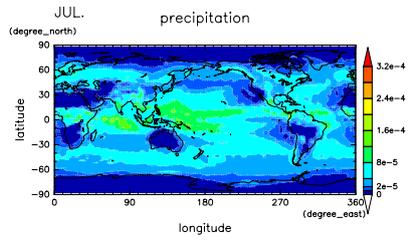


Figure 118: Rain at Jul. by dcpam

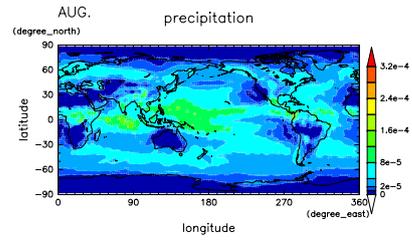


Figure 121: Rain at Aug. by dcpam

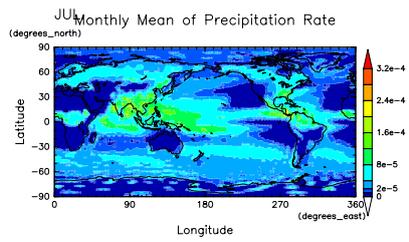


Figure 119: Rain at Jul. by NCEP

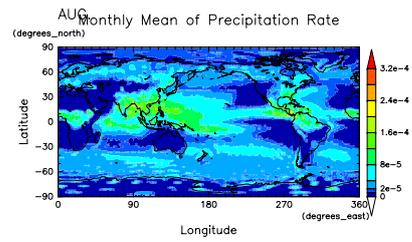


Figure 122: Rain at Aug. by NCEP

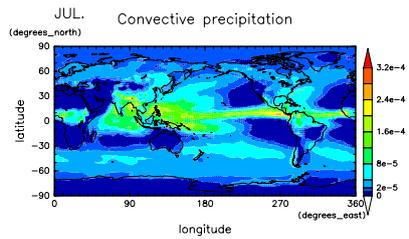


Figure 120: Rain at Jul. by ECMWF

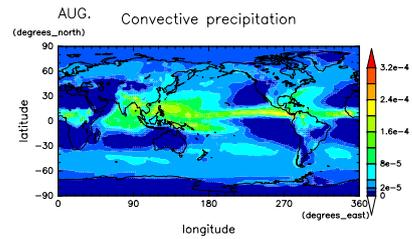


Figure 123: Rain at Aug. by ECMWF

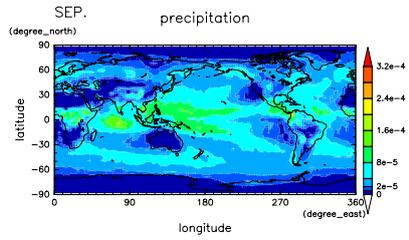


Figure 124: Rain at Sep. by dcpam

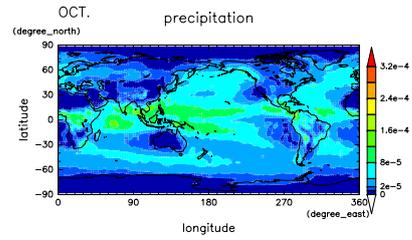


Figure 127: Rain at Oct. by dcpam

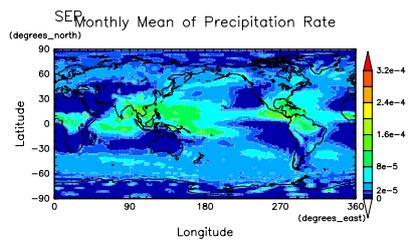


Figure 125: Rain at Sep. by NCEP

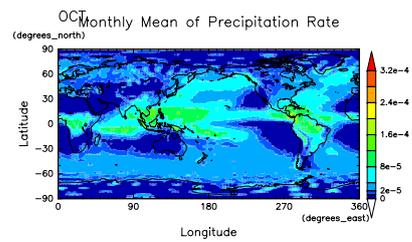


Figure 128: Rain at Oct. by NCEP

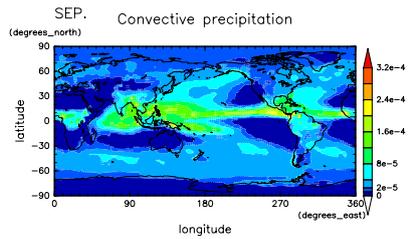


Figure 126: Rain at Sep. by ECMWF

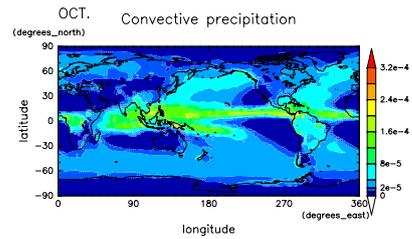


Figure 129: Rain at Oct. by ECMWF

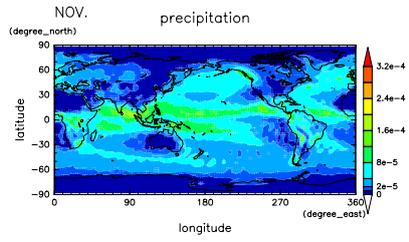


Figure 130: Rain at Nov. by dcpam

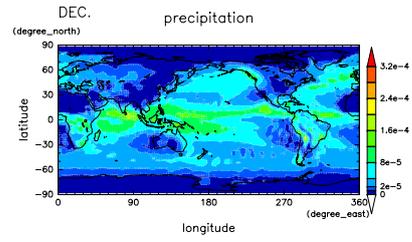


Figure 133: Rain at Dec. by dcpam

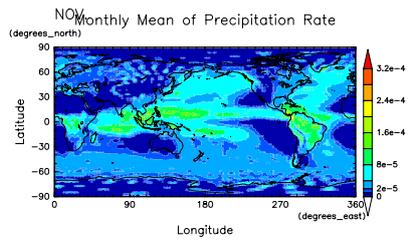


Figure 131: Rain at Nov. by NCEP

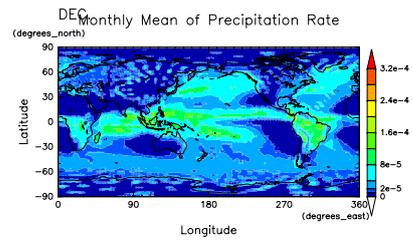


Figure 134: Rain at Dec. by NCEP

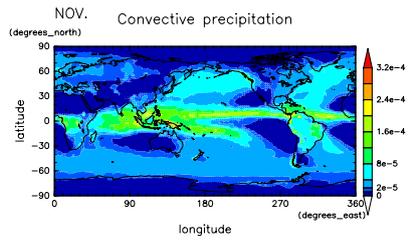


Figure 132: Rain at Nov. by ECMWF

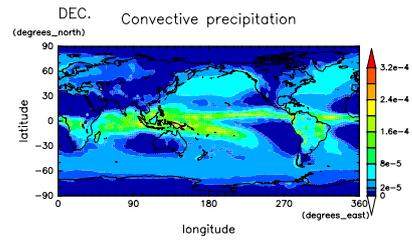


Figure 135: Rain at Dec. by ECMWF

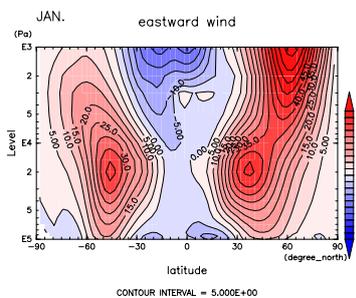


Figure 136: U at Jan. by dcpam

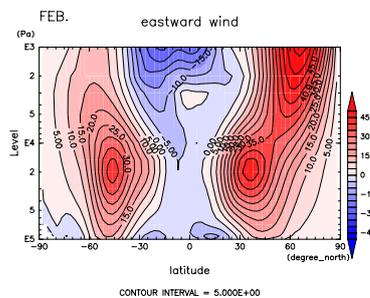


Figure 139: U at Feb. by dcpam

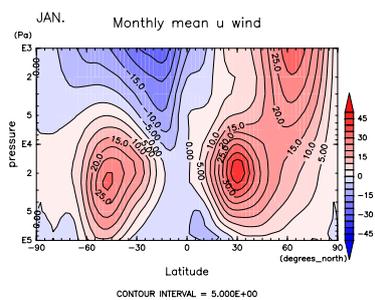


Figure 137: U at Jan. by NCEP

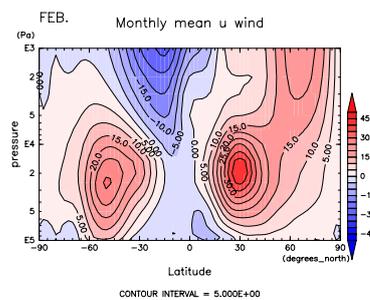


Figure 140: U at Feb. by NCEP

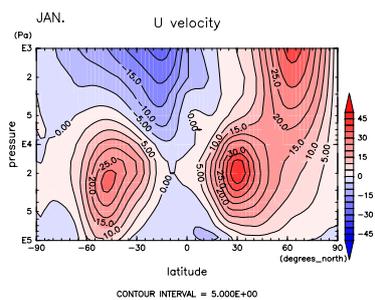


Figure 138: U at Jan. by ECMWF

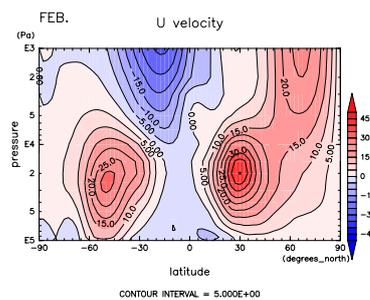


Figure 141: U at Feb. by ECMWF

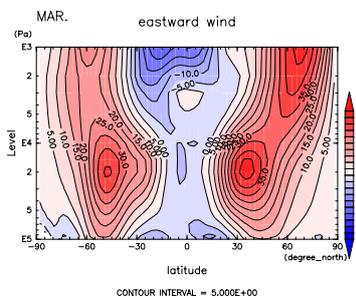


Figure 142: U at Mar. by dcpam

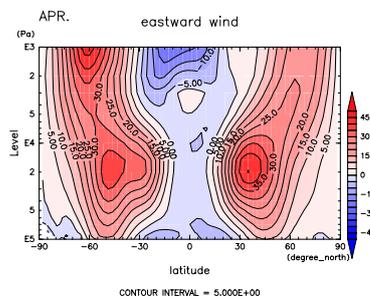


Figure 145: U at Apr. by dcpam

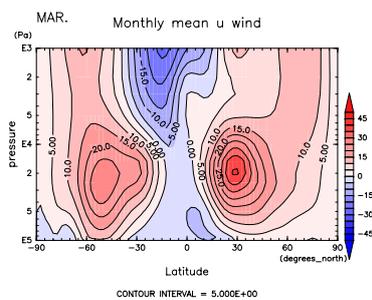


Figure 143: U at Mar. by NCEP

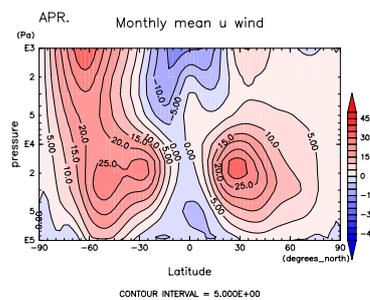


Figure 146: U at Apr. by NCEP

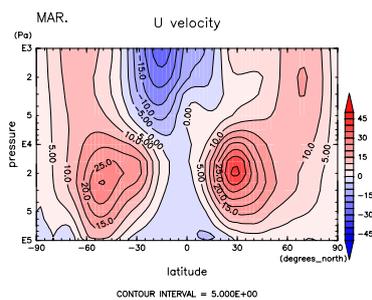


Figure 144: U at Mar. by ECMWF

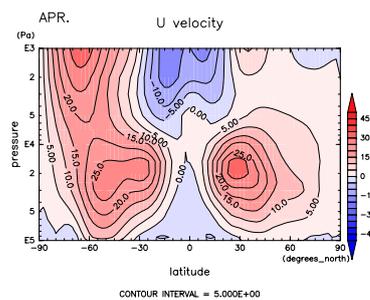


Figure 147: U at Apr. by ECMWF

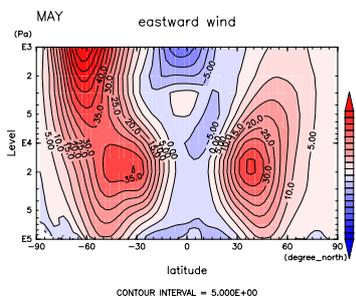


Figure 148: U at May by dcpam

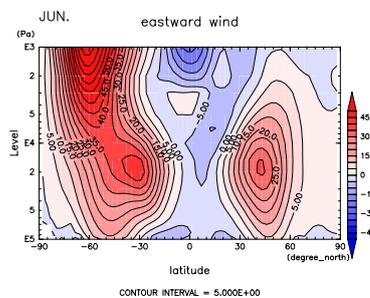


Figure 151: U at Jun. by dcpam

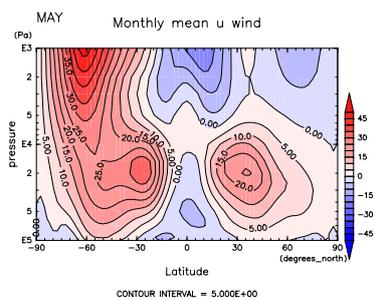


Figure 149: U at May by NCEP

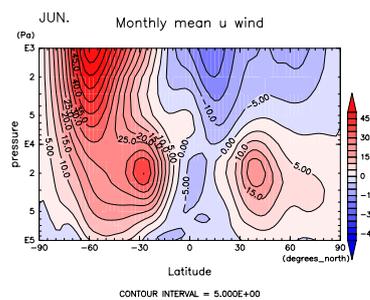


Figure 152: U at Jun. by NCEP

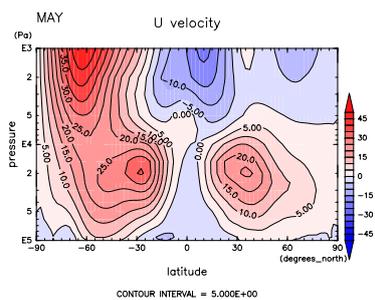


Figure 150: U at May by ECMWF

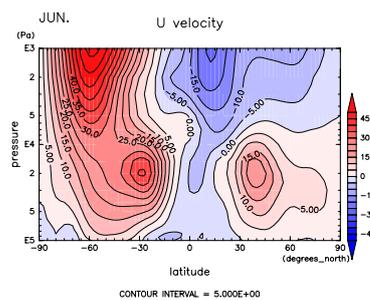


Figure 153: U at Jun. by ECMWF

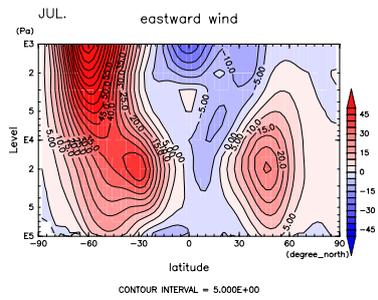


Figure 154: U at Jul. by dcpam

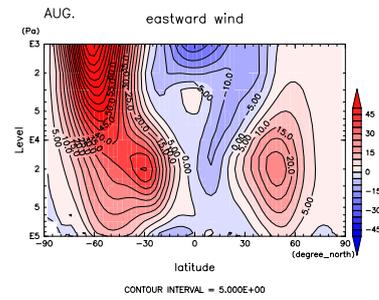


Figure 157: U at Aug. by dcpam

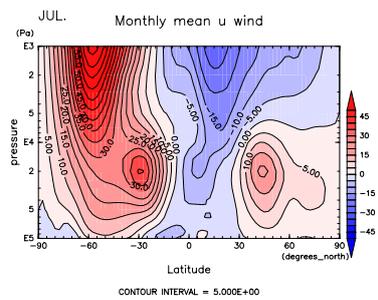


Figure 155: U at Jul. by NCEP

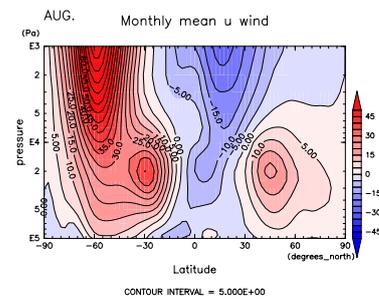


Figure 158: U at Aug. by NCEP

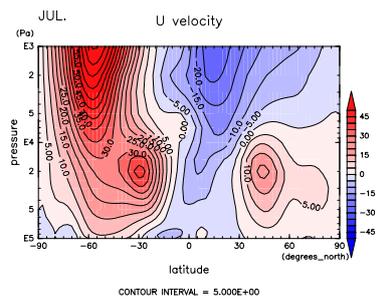


Figure 156: U at Jul. by ECMWF

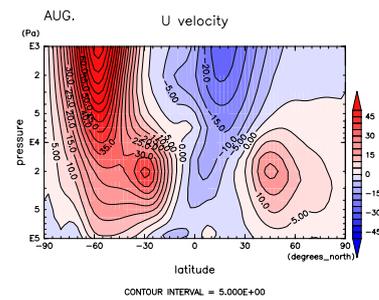


Figure 159: U at Aug. by ECMWF

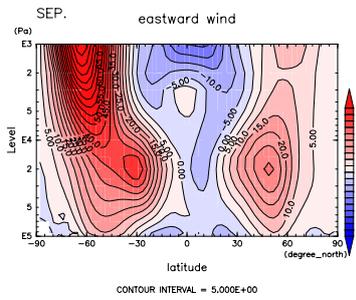


Figure 160: U at Sep. by dcpam

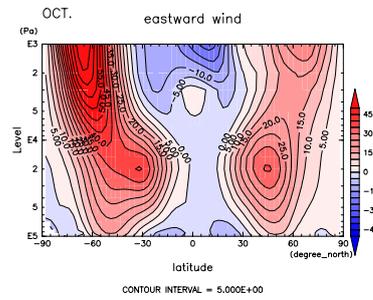


Figure 163: U at Oct. by dcpam

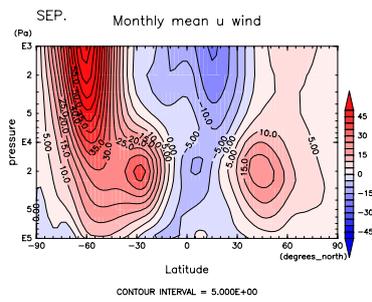


Figure 161: U at Sep. by NCEP

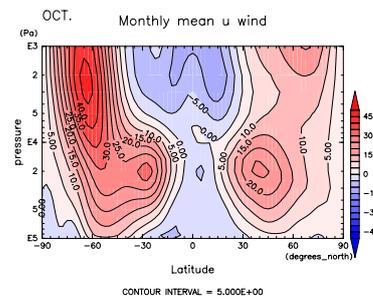


Figure 164: U at Oct. by NCEP

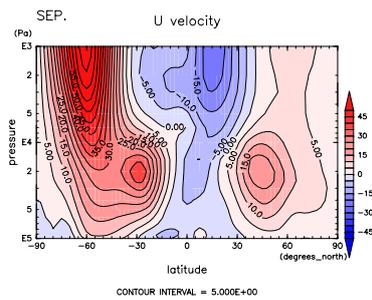


Figure 162: U at Sep. by ECMWF

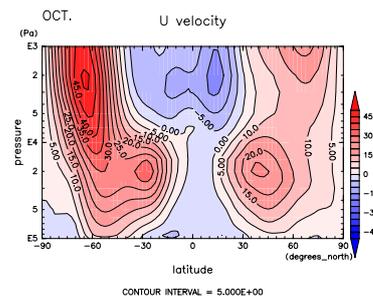


Figure 165: U at Oct. by ECMWF

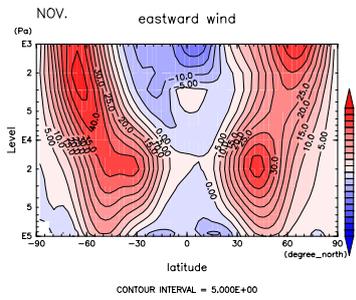


Figure 166: U at Nov. by dcpam

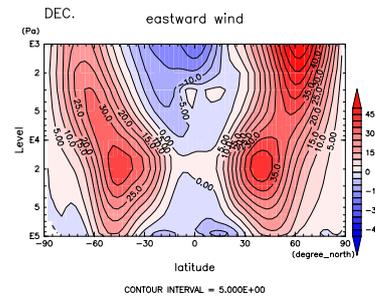


Figure 169: U at Dec. by dcpam

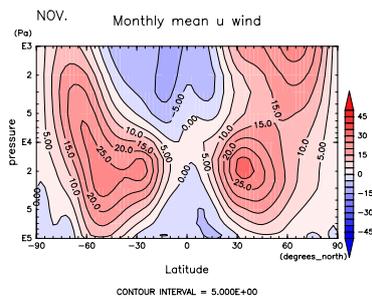


Figure 167: U at Nov. by NCEP

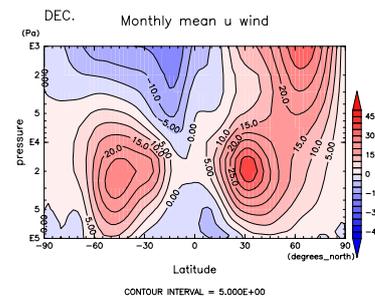


Figure 170: U at Dec. by NCEP

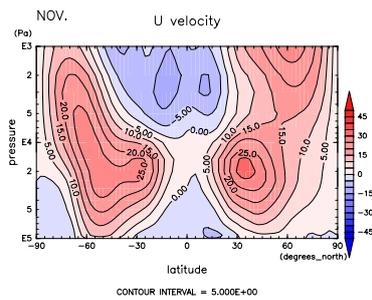


Figure 168: U at Nov. by ECMWF

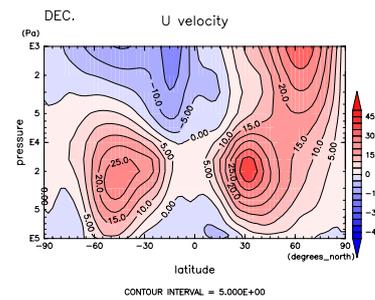


Figure 171: U at Dec. by ECMWF

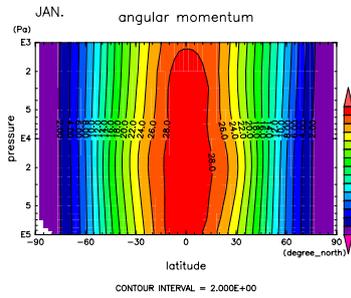


Figure 172: ANGMOM at Jan. by dcpam

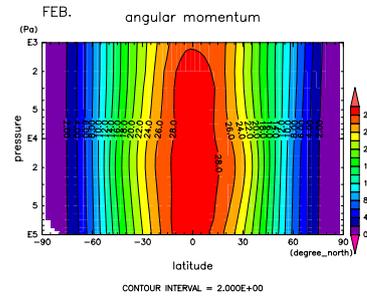


Figure 175: ANGMOM at Feb. by dcpam

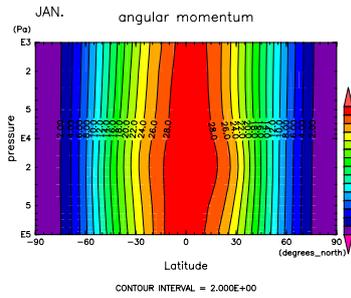


Figure 173: ANGMOM at Jan. by NCEP

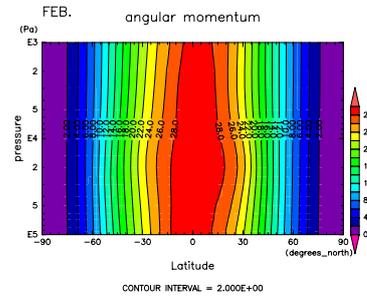


Figure 176: ANGMOM at Feb. by NCEP

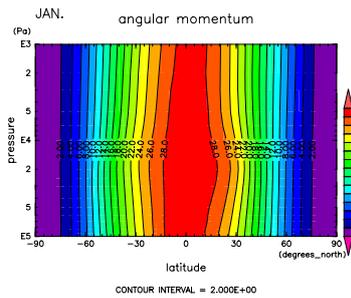


Figure 174: ANGMOM at Jan. by ECMWF

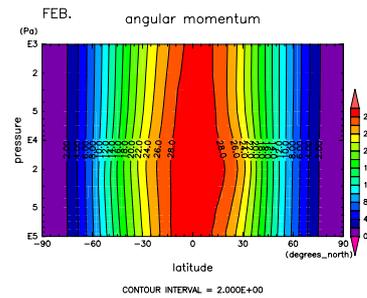


Figure 177: ANGMOM at Feb. by ECMWF

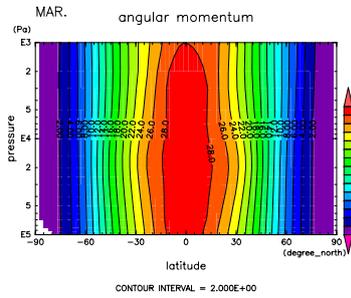


Figure 178: ANG MOM at Mar. by dcpam

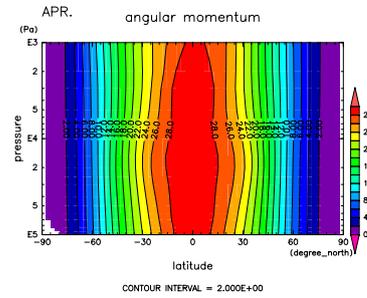


Figure 181: ANG MOM at Apr. by dcpam

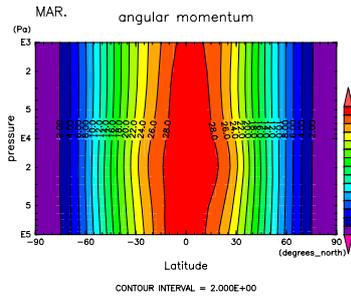


Figure 179: ANG MOM at Mar. by NCEP

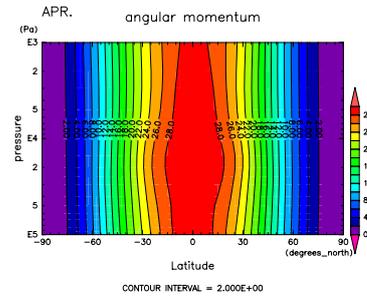


Figure 182: ANG MOM at Apr. by NCEP

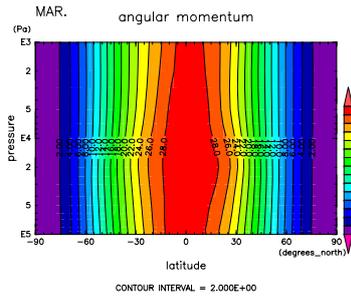


Figure 180: ANG MOM at Mar. by ECMWF

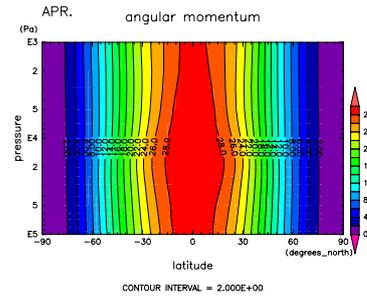


Figure 183: ANG MOM at Apr. by ECMWF

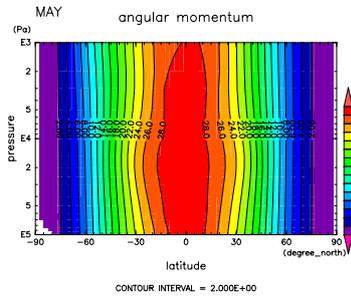


Figure 184: ANGMOM at May by dcpam

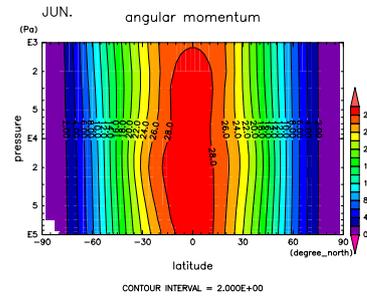


Figure 187: ANGMOM at Jun. by dcpam

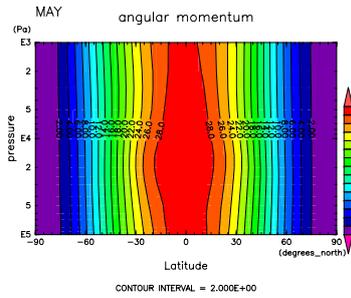


Figure 185: ANGMOM at May by NCEP

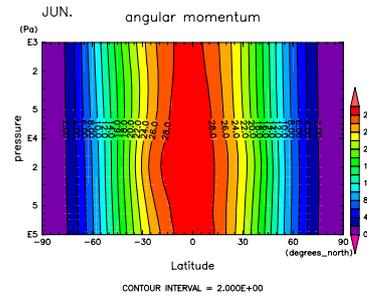


Figure 188: ANGMOM at Jun. by NCEP

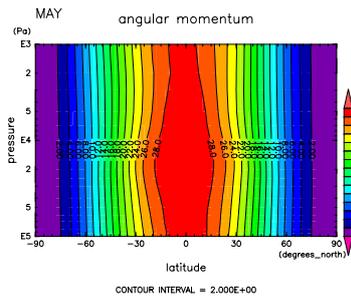


Figure 186: ANGMOM at May by ECMWF

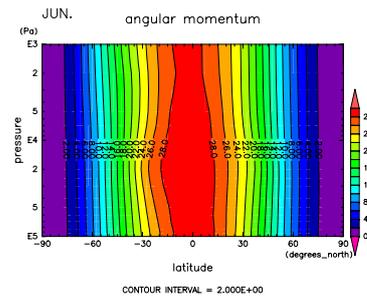


Figure 189: ANGMOM at Jun. by ECMWF

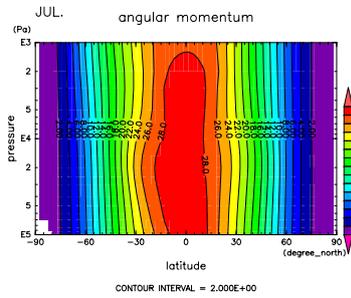


Figure 190: ANGMOM at Jul. by dcpam

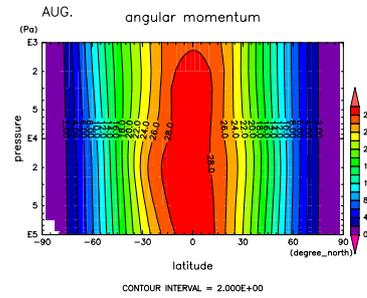


Figure 193: ANGMOM at Aug. by dcpam

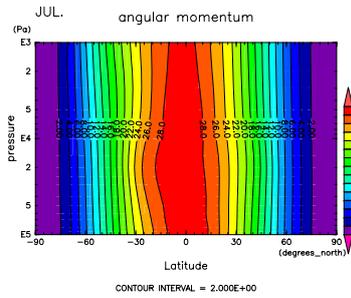


Figure 191: ANGMOM at Jul. by NCEP

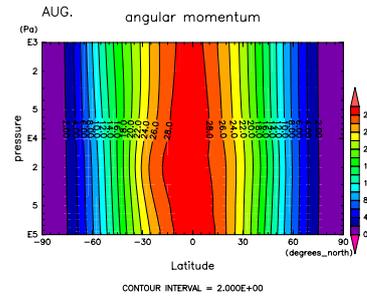


Figure 194: ANGMOM at Aug. by NCEP

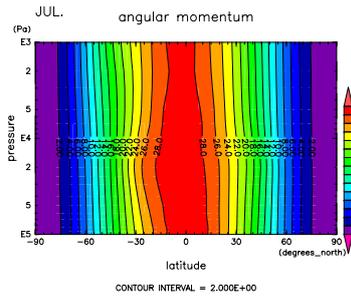


Figure 192: ANGMOM at Jul. by ECMWF

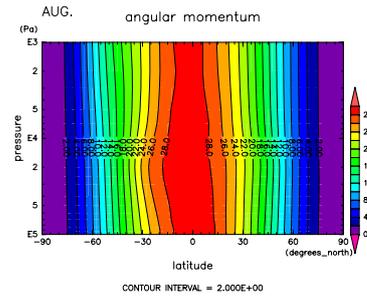


Figure 195: ANGMOM at Aug. by ECMWF

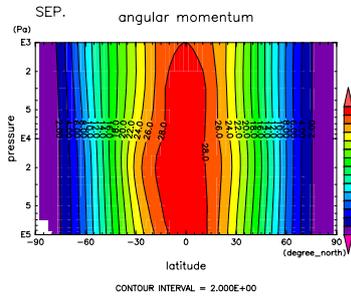


Figure 196: ANG MOM at Sep. by dcpam

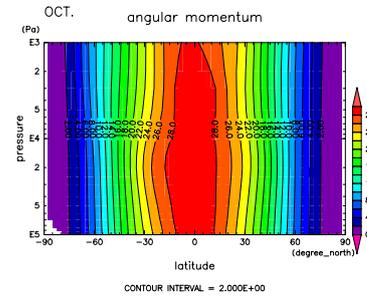


Figure 199: ANG MOM at Oct. by dcpam

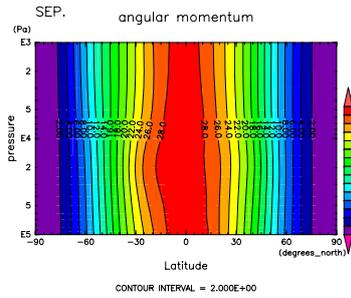


Figure 197: ANG MOM at Sep. by NCEP

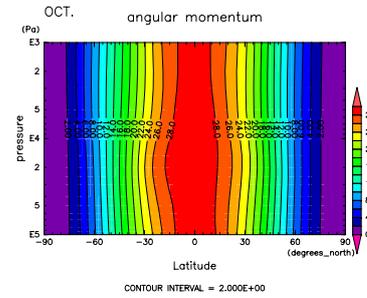


Figure 200: ANG MOM at Oct. by NCEP

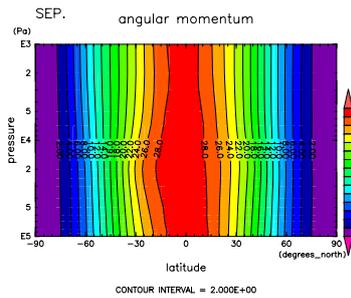


Figure 198: ANG MOM at Sep. by ECMWF

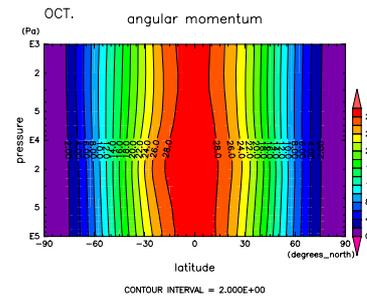


Figure 201: ANG MOM at Oct. by ECMWF

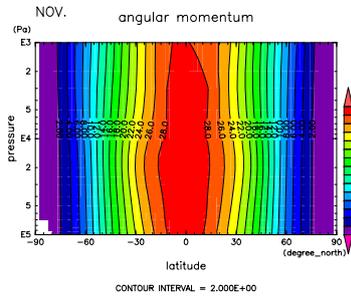


Figure 202: ANG MOM at Nov. by dcpam

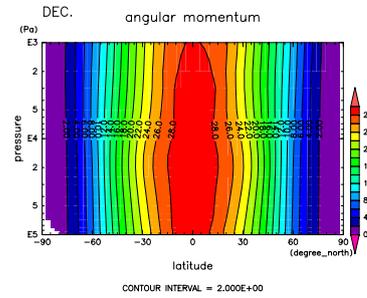


Figure 205: ANG MOM at Dec. by dcpam

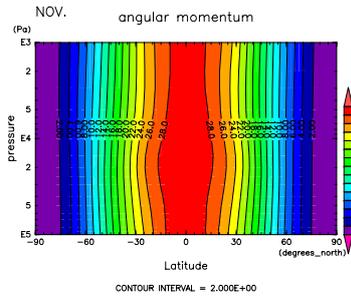


Figure 203: ANG MOM at Nov. by NCEP

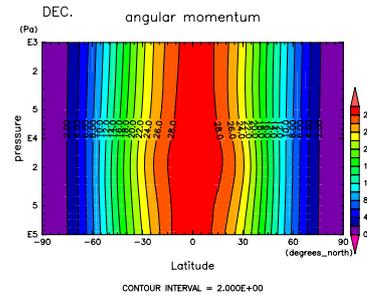


Figure 206: ANG MOM at Dec. by NCEP

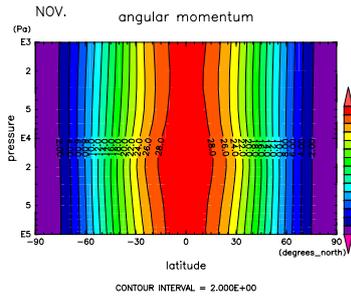


Figure 204: ANG MOM at Nov. by ECMWF

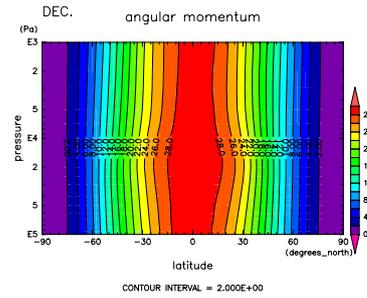


Figure 207: ANG MOM at Dec. by ECMWF

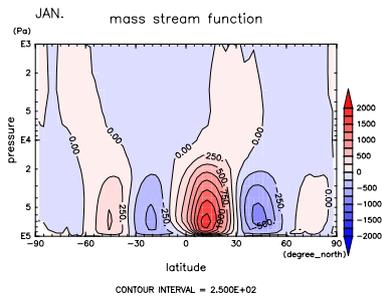


Figure 208: MSF at Jan. by dcpam

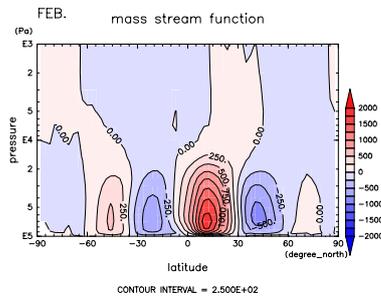


Figure 211: MSF at Feb. by dcpam

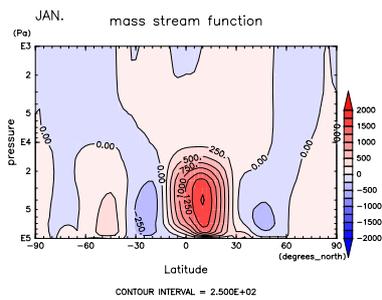


Figure 209: MSF at Jan. by NCEP

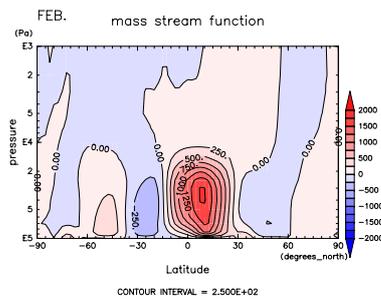


Figure 212: MSF at Feb. by NCEP

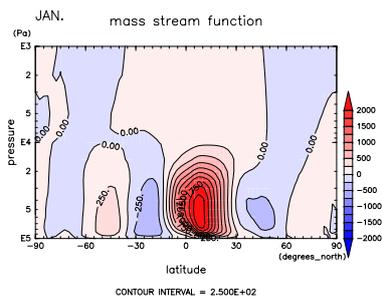


Figure 210: MSF at Jan. by ECMWF

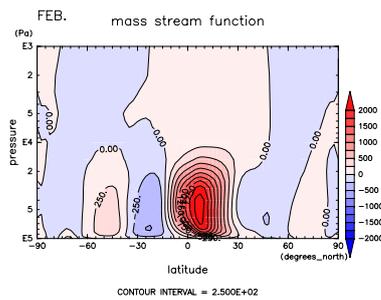


Figure 213: MSF at Feb. by ECMWF

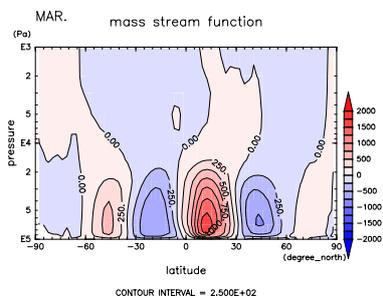


Figure 214: MSF at Mar. by dcpan

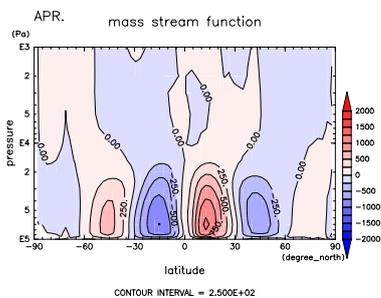


Figure 217: MSF at Apr. by dcpan

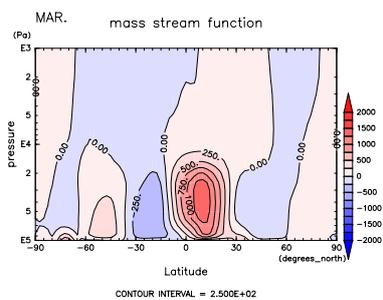


Figure 215: MSF at Mar. by NCEP

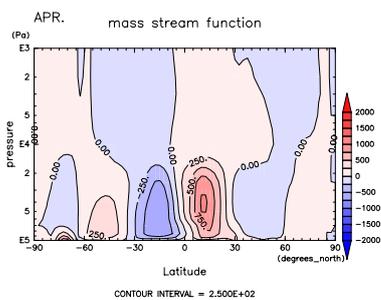


Figure 218: MSF at Apr. by NCEP

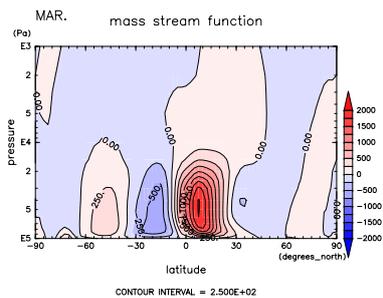


Figure 216: MSF at Mar. by ECMWF

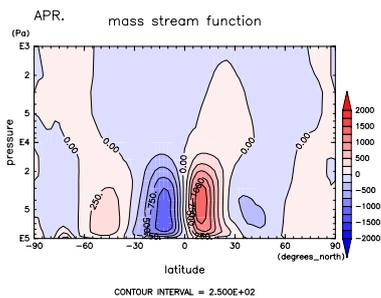


Figure 219: MSF at Apr. by ECMWF

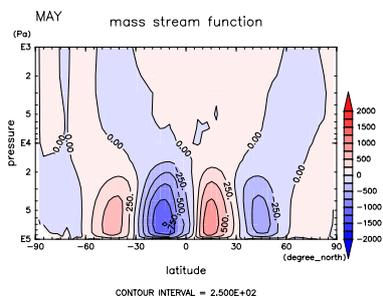


Figure 220: MSF at May by dcpam

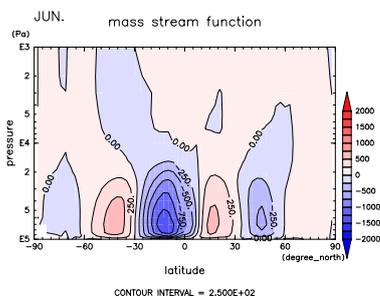


Figure 223: MSF at Jun. by dcpam

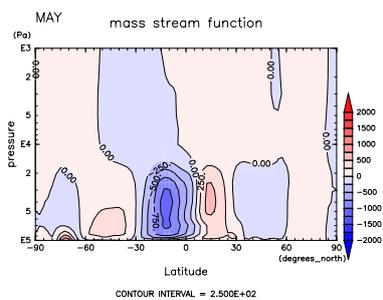


Figure 221: MSF at May by NCEP

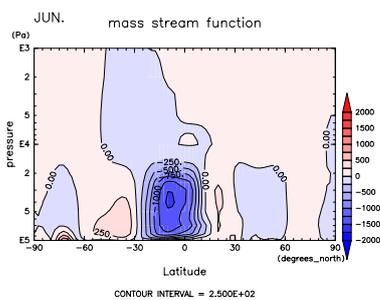


Figure 224: MSF at Jun. by NCEP

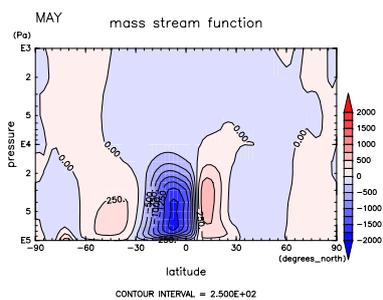


Figure 222: MSF at May by ECMWF

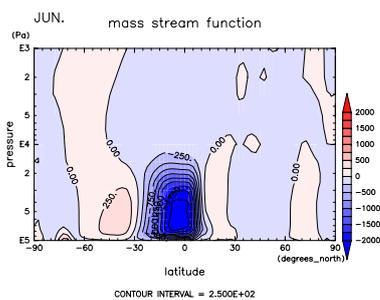


Figure 225: MSF at Jun. by ECMWF

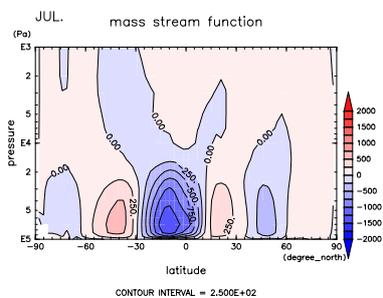


Figure 226: MSF at Jul. by depam

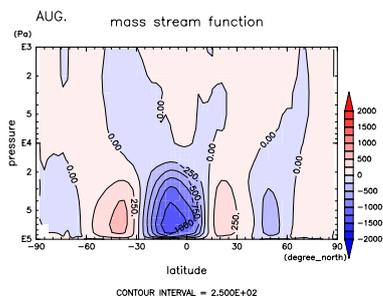


Figure 229: MSF at Aug. by depam

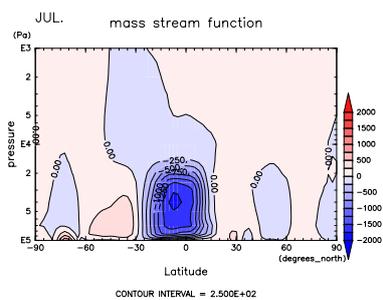


Figure 227: MSF at Jul. by NCEP

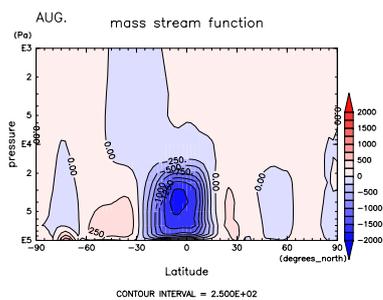


Figure 230: MSF at Aug. by NCEP

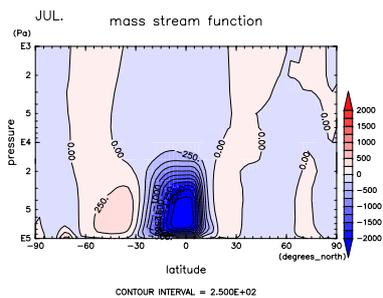


Figure 228: MSF at Jul. by ECMWF

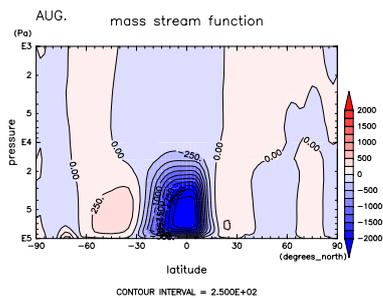


Figure 231: MSF at Aug. by ECMWF

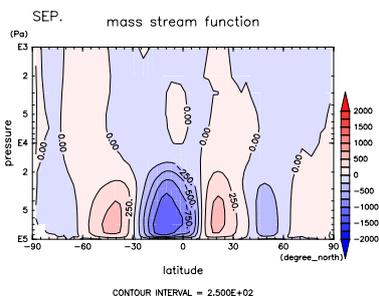


Figure 232: MSF at Sep. by dcpam

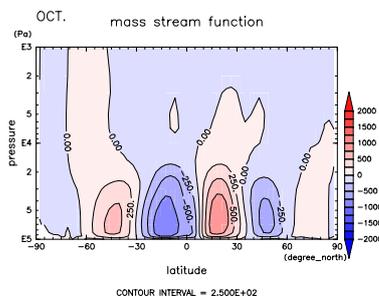


Figure 235: MSF at Oct. by dcpam

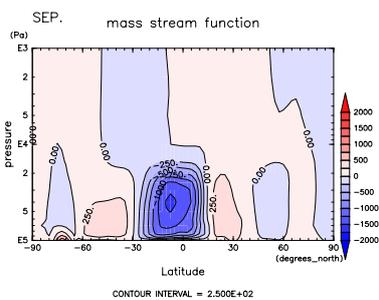


Figure 233: MSF at Sep. by NCEP

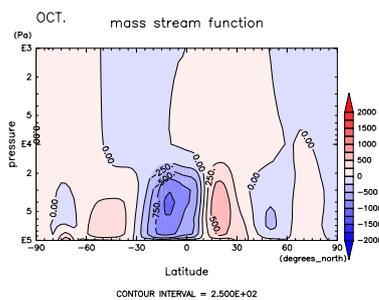


Figure 236: MSF at Oct. by NCEP

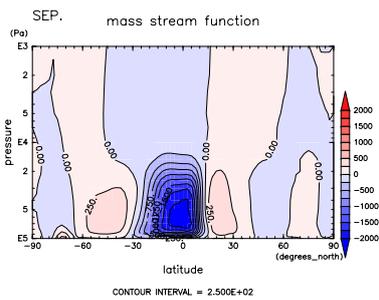


Figure 234: MSF at Sep. by ECMWF

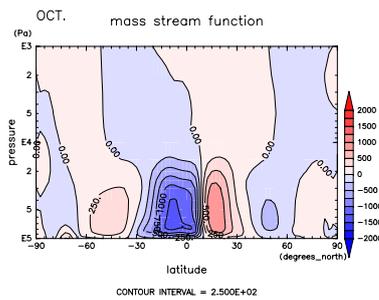


Figure 237: MSF at Oct. by ECMWF

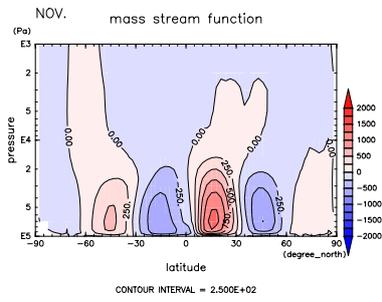


Figure 238: MSF at Nov. by dcpam

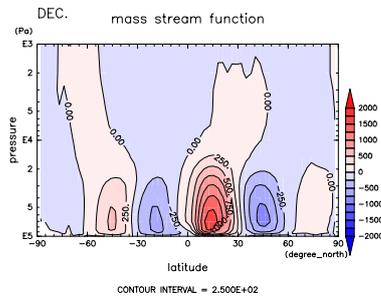


Figure 241: MSF at Dec. by dcpam

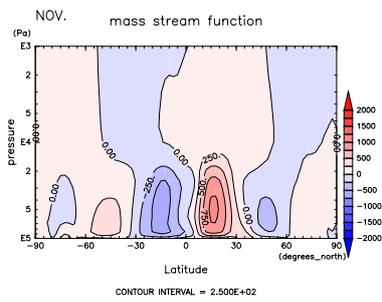


Figure 239: MSF at Nov. by NCEP

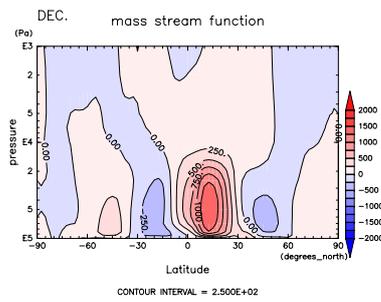


Figure 242: MSF at Dec. by NCEP

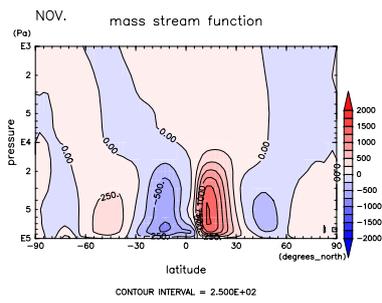


Figure 240: MSF at Nov. by ECMWF

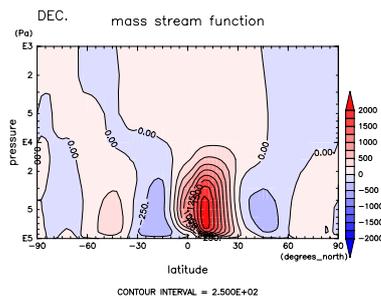


Figure 243: MSF at Dec. by ECMWF

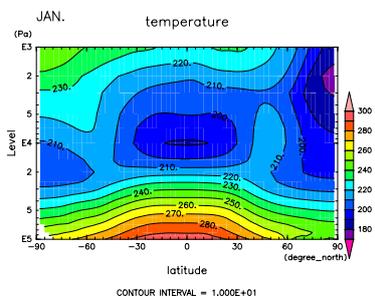


Figure 244: T at Jan. by dcpam

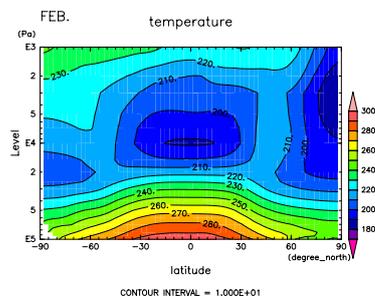


Figure 247: T at Feb. by dcpam

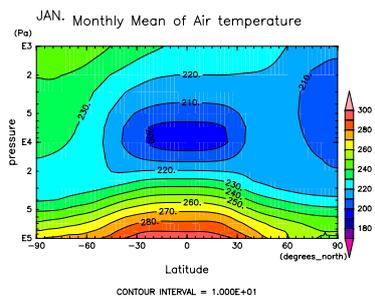


Figure 245: T at Jan. by NCEP

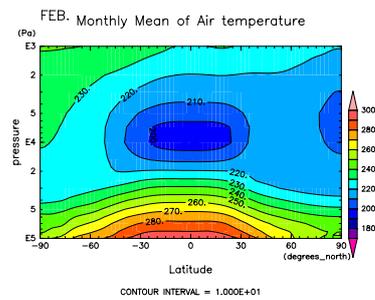


Figure 248: T at Feb. by NCEP

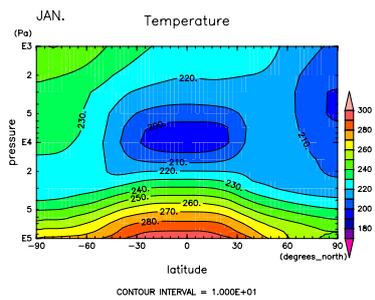


Figure 246: T at Jan. by ECMWF

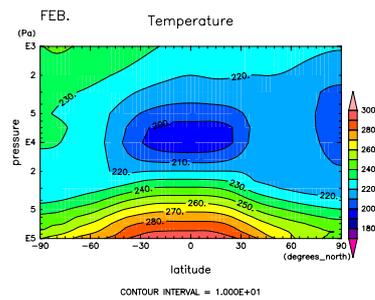


Figure 249: T at Feb. by ECMWF

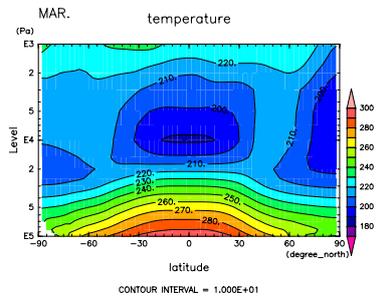


Figure 250: T at Mar. by dcpam

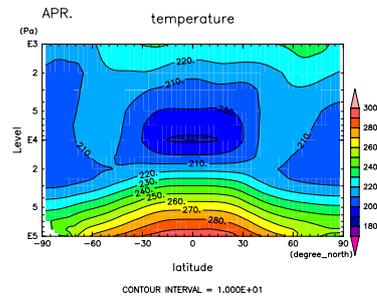


Figure 253: T at Apr. by dcpam

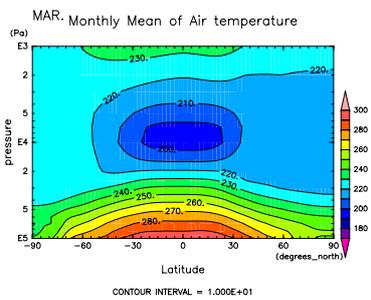


Figure 251: T at Mar. by NCEP

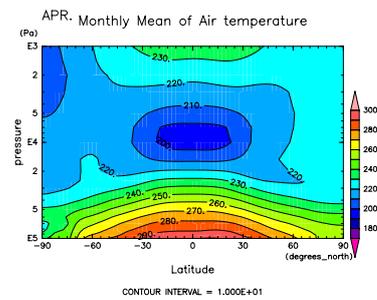


Figure 254: T at Apr. by NCEP

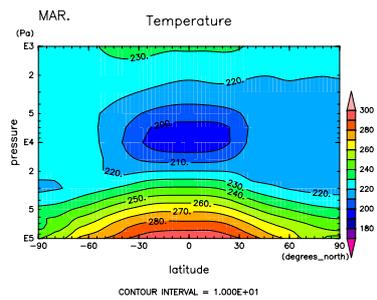


Figure 252: T at Mar. by ECMWF

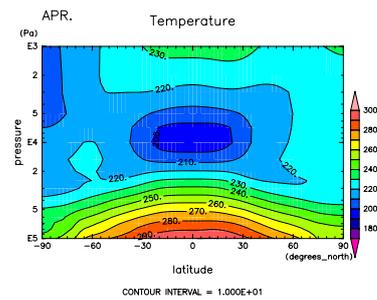


Figure 255: T at Apr. by ECMWF

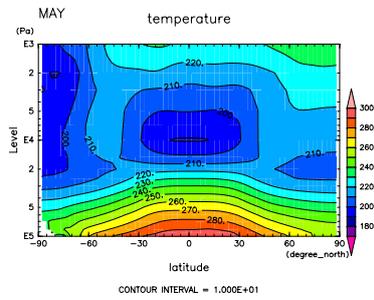


Figure 256: T at May by dcpam

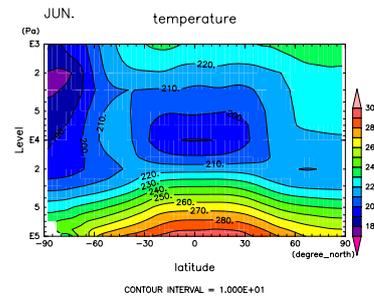


Figure 259: T at Jun. by dcpam

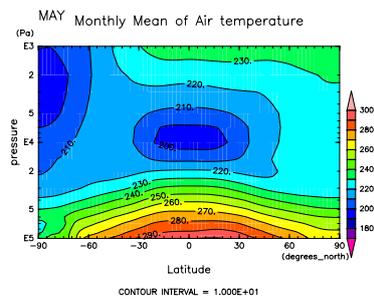


Figure 257: T at May by NCEP

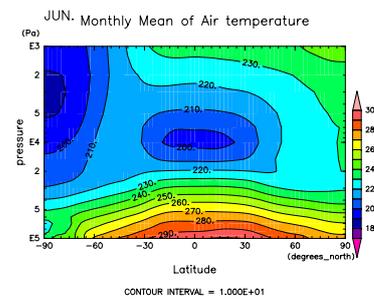


Figure 260: T at Jun. by NCEP

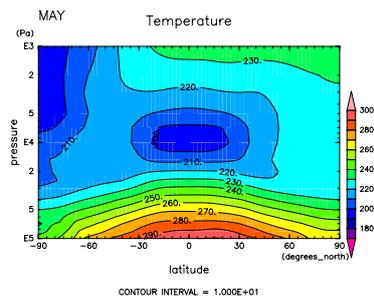


Figure 258: T at May by ECMWF

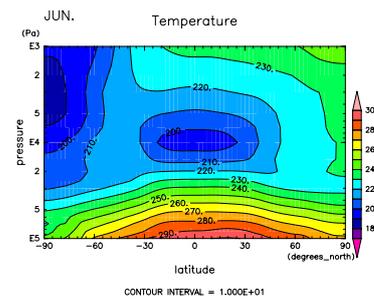


Figure 261: T at Jun. by ECMWF

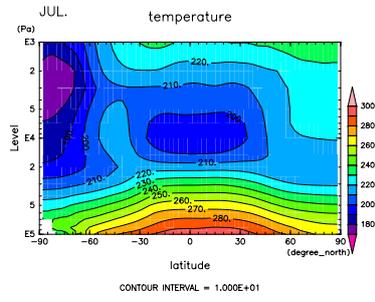


Figure 262: T at Jul. by dcpan

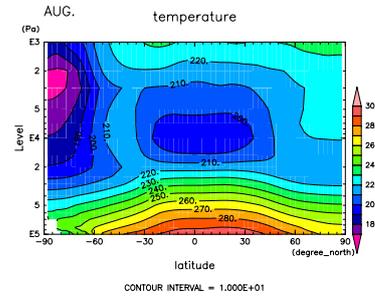


Figure 265: T at Aug. by dcpan

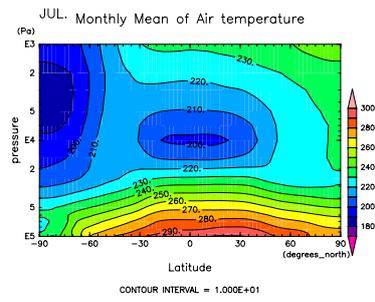


Figure 263: T at Jul. by NCEP

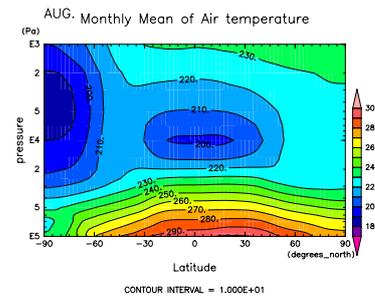


Figure 266: T at Aug. by NCEP

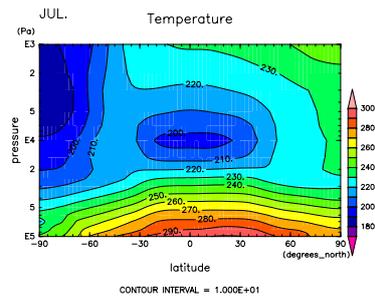


Figure 264: T at Jul. by ECMWF

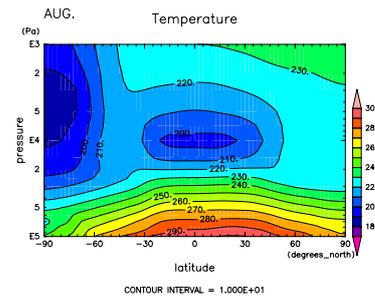


Figure 267: T at Aug. by ECMWF

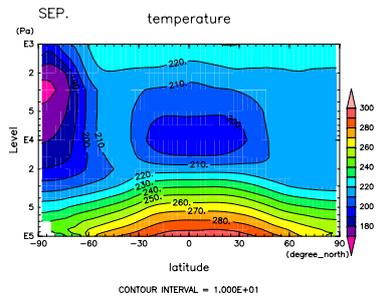


Figure 268: T at Sep. by dcpam

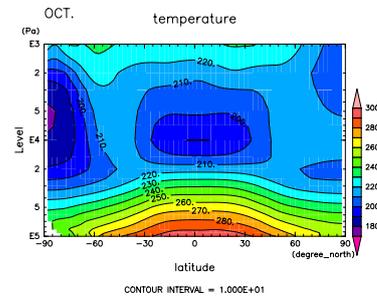


Figure 271: T at Oct. by dcpam

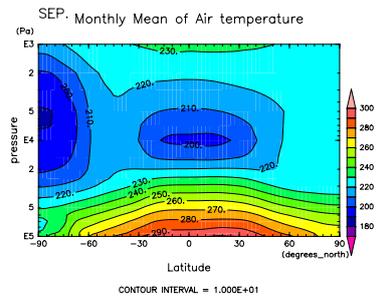


Figure 269: T at Sep. by NCEP

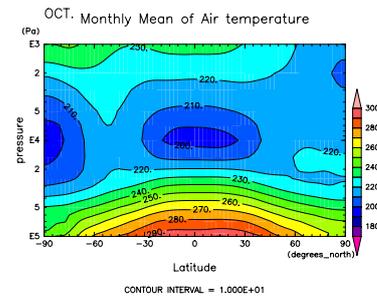


Figure 272: T at Oct. by NCEP

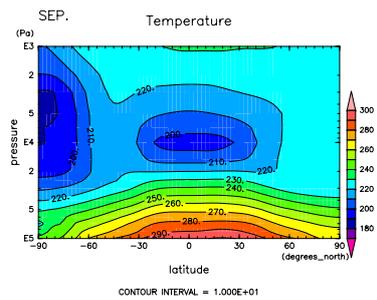


Figure 270: T at Sep. by ECMWF

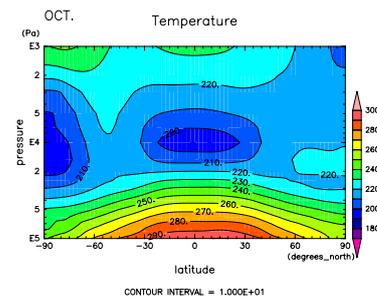


Figure 273: T at Oct. by ECMWF

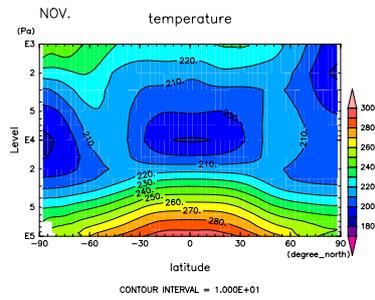


Figure 274: T at Nov. by dcpam

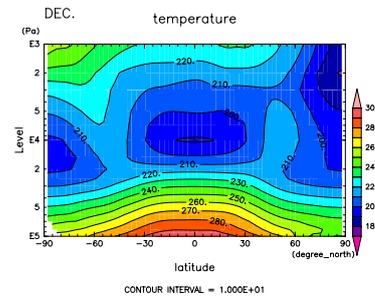


Figure 277: T at Dec. by dcpam

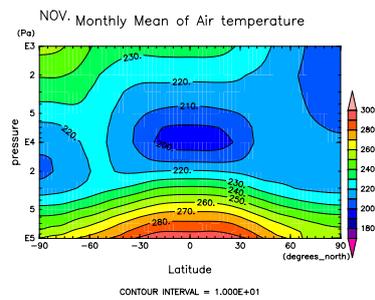


Figure 275: T at Nov. by NCEP

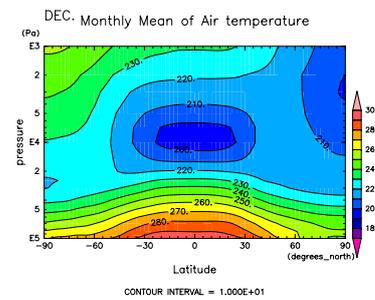


Figure 278: T at Dec. by NCEP

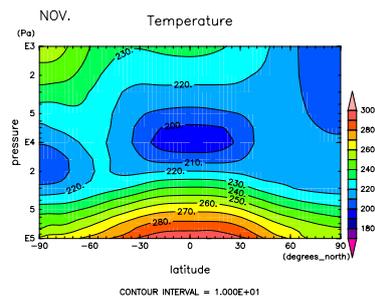


Figure 276: T at Nov. by ECMWF

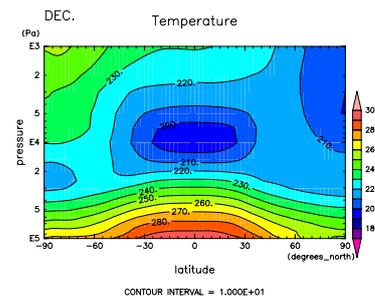


Figure 279: T at Dec. by ECMWF

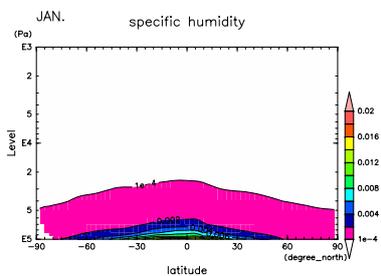


Figure 280: q at Jan. by dcpam

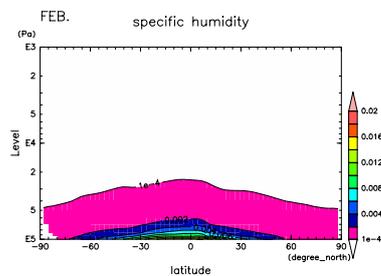


Figure 283: q at Feb. by dcpam

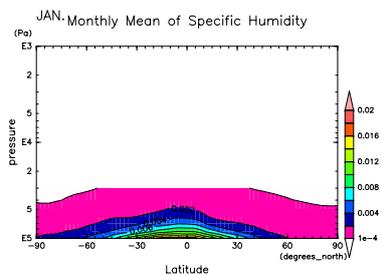


Figure 281: q at Jan. by NCEP

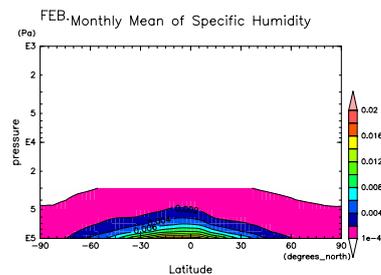


Figure 284: q at Feb. by NCEP

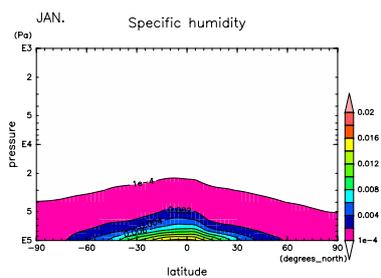


Figure 282: q at Jan. by ECMWF

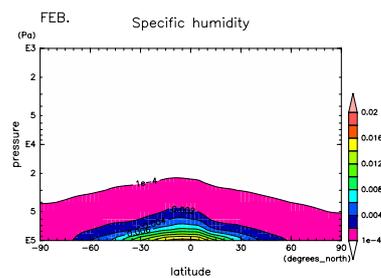


Figure 285: q at Feb. by ECMWF

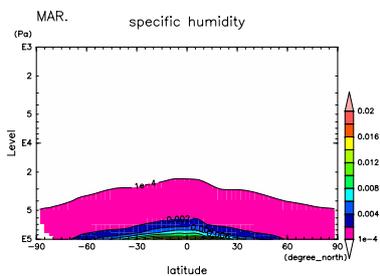


Figure 286: q at Mar. by dcpam

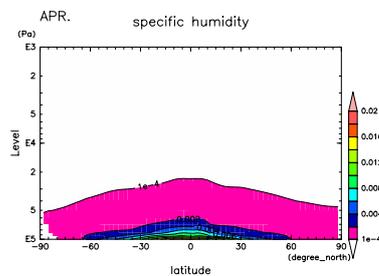


Figure 289: q at Apr. by dcpam

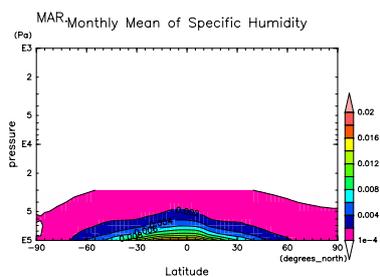


Figure 287: q at Mar. by NCEP

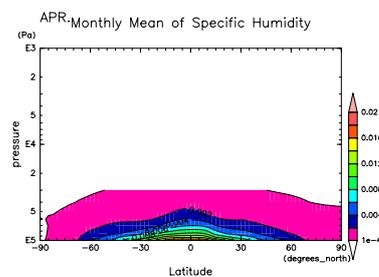


Figure 290: q at Apr. by NCEP

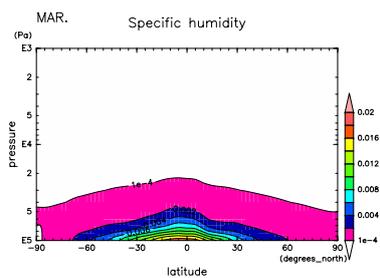


Figure 288: q at Mar. by ECMWF

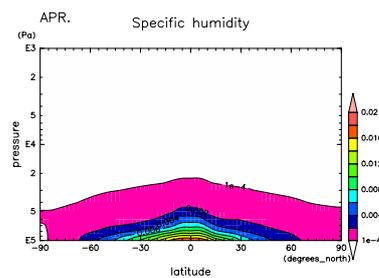


Figure 291: q at Apr. by ECMWF

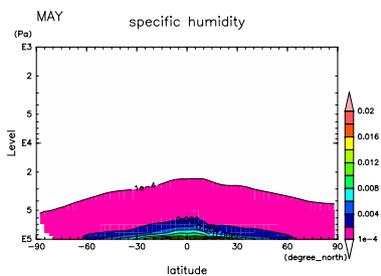


Figure 292: q at May by dcpam

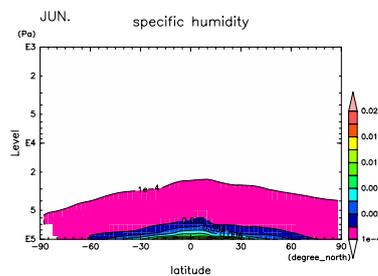


Figure 295: q at Jun. by dcpam

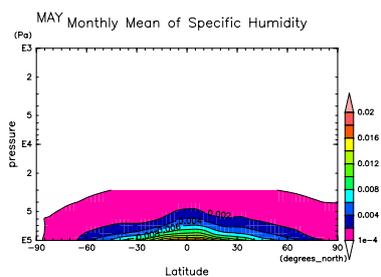


Figure 293: q at May by NCEP

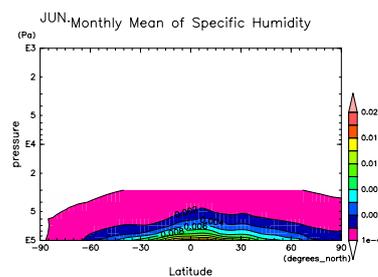


Figure 296: q at Jun. by NCEP

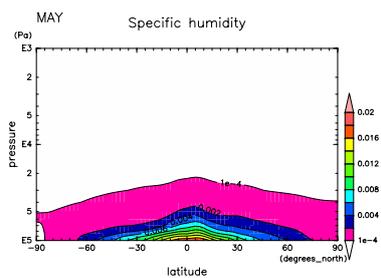


Figure 294: q at May by ECMWF

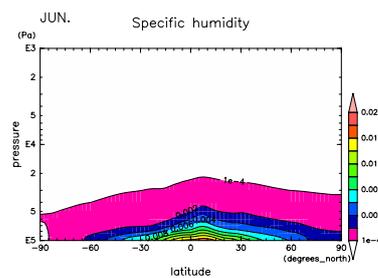


Figure 297: q at Jun. by ECMWF

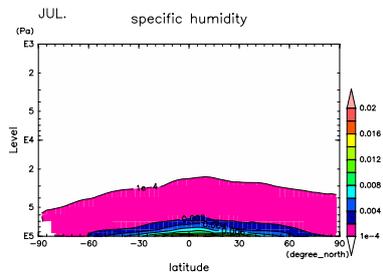


Figure 298: q at Jul. by dcpam

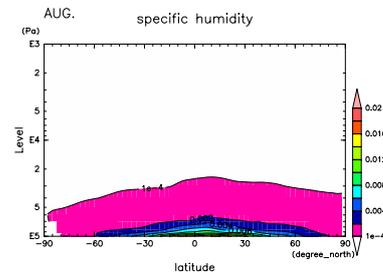


Figure 301: q at Aug. by dcpam

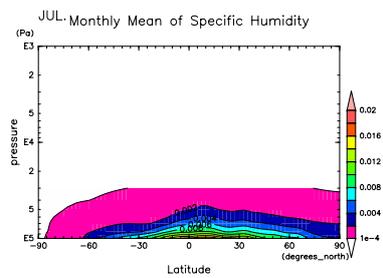


Figure 299: q at Jul. by NCEP

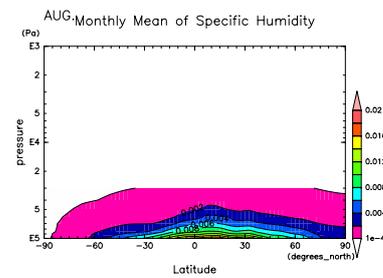


Figure 302: q at Aug. by NCEP

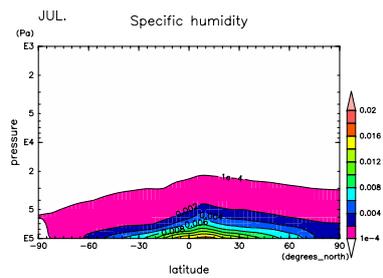


Figure 300: q at Jul. by ECMWF

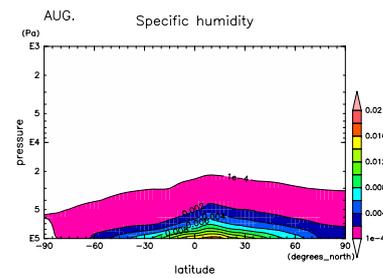


Figure 303: q at Aug. by ECMWF

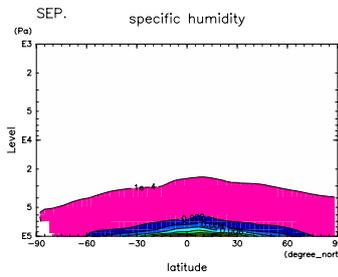


Figure 304: q at Sep. by dcpam

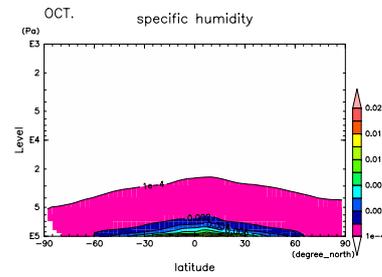


Figure 307: q at Oct. by dcpam

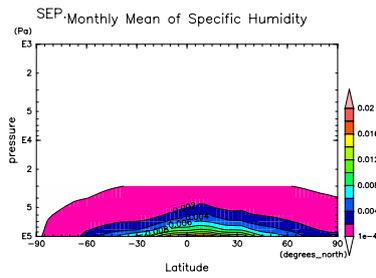


Figure 305: q at Sep. by NCEP

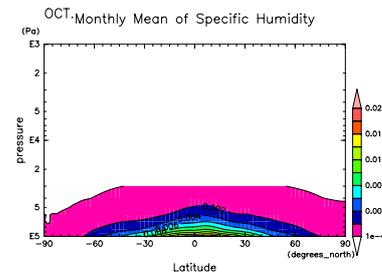


Figure 308: q at Oct. by NCEP

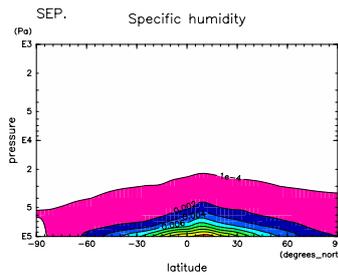


Figure 306: q at Sep. by ECMWF

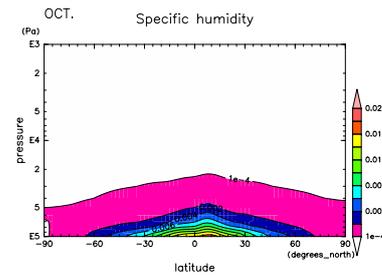


Figure 309: q at Oct. by ECMWF

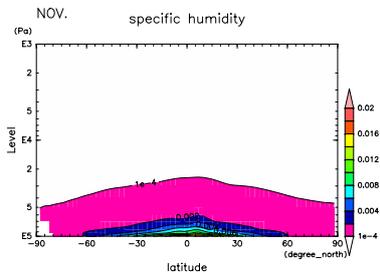


Figure 310: q at Nov. by dpam

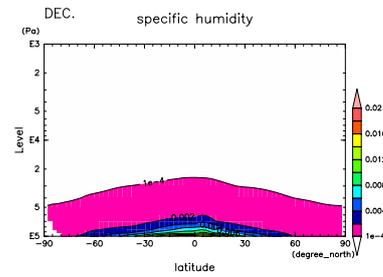


Figure 313: q at Dec. by dpam

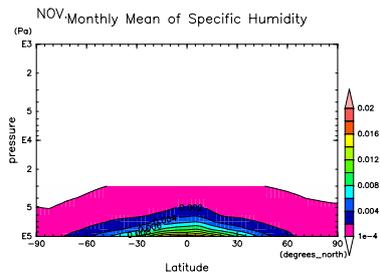


Figure 311: q at Nov. by NCEP

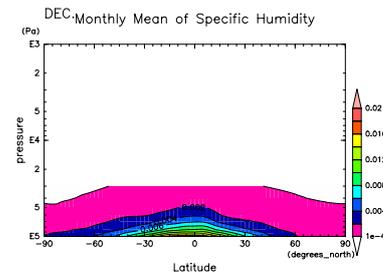


Figure 314: q at Dec. by NCEP

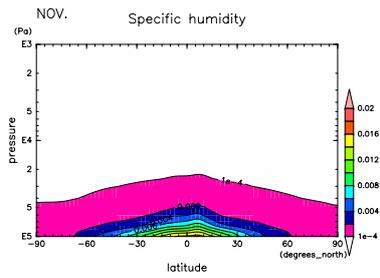


Figure 312: q at Nov. by ECMWF

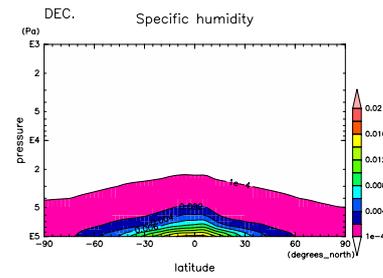


Figure 315: q at Dec. by ECMWF

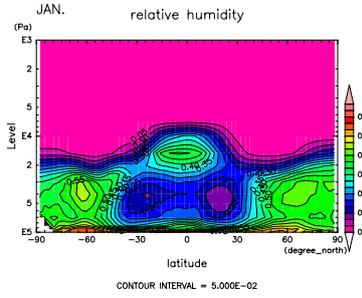


Figure 316: RH at Jan. by dcpan

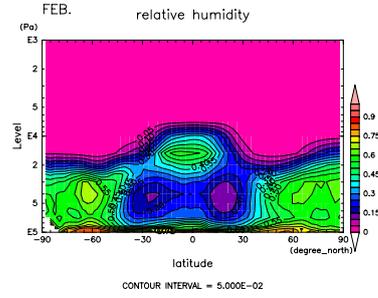


Figure 319: RH at Feb. by dcpan

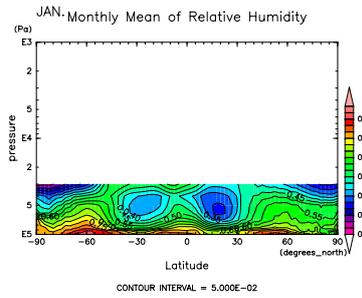


Figure 317: RH at Jan. by NCEP

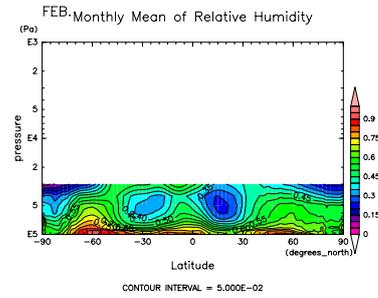


Figure 320: RH at Feb. by NCEP

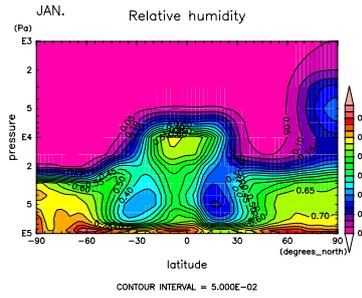


Figure 318: RH at Jan. by ECMWF

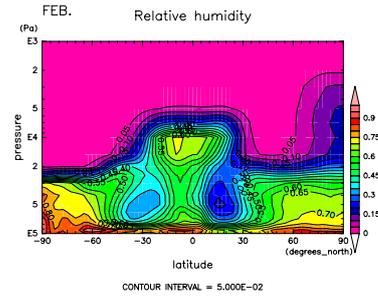


Figure 321: RH at Feb. by ECMWF

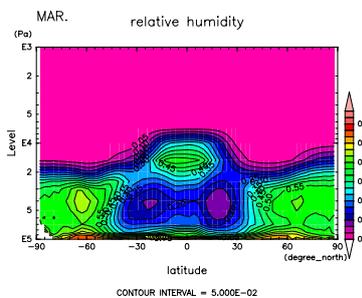


Figure 322: RH at Mar. by dcpam

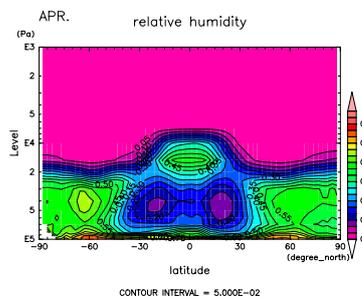


Figure 325: RH at Apr. by dcpam

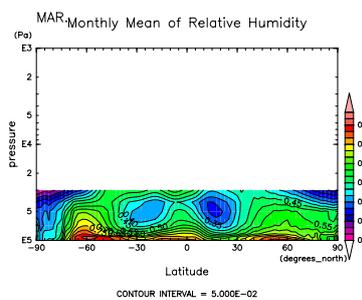


Figure 323: RH at Mar. by NCEP

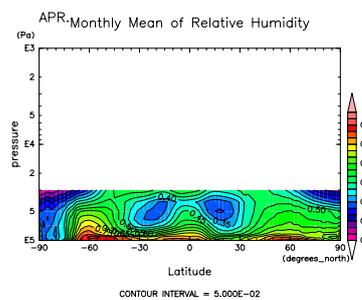


Figure 326: RH at Apr. by NCEP

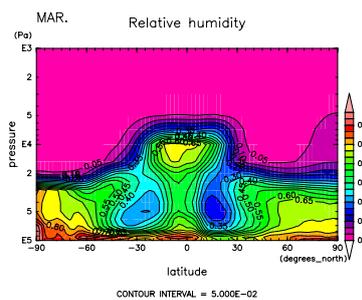


Figure 324: RH at Mar. by ECMWF

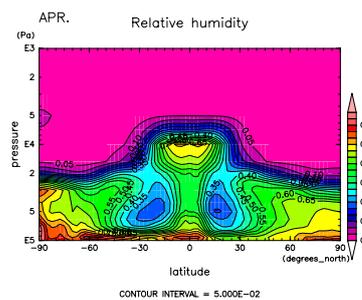


Figure 327: RH at Apr. by ECMWF

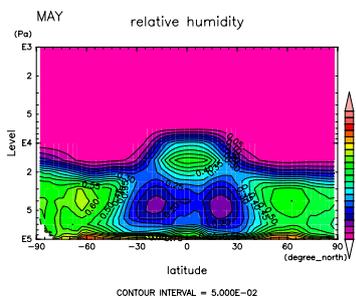


Figure 328: RH at May by dcpam

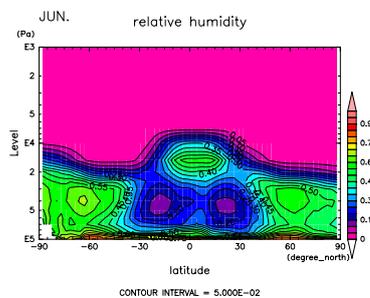


Figure 331: RH at Jun. by dcpam

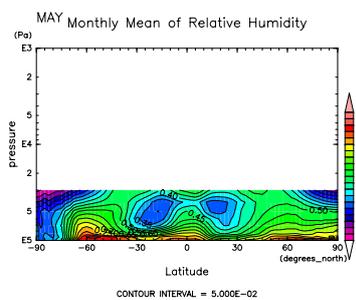


Figure 329: RH at May by NCEP

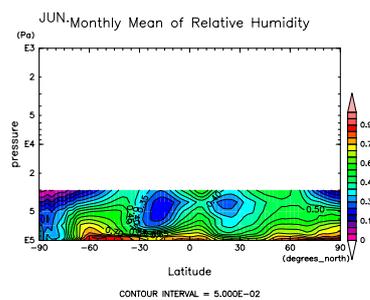


Figure 332: RH at Jun. by NCEP

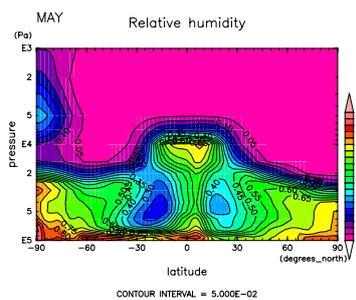


Figure 330: RH at May by ECMWF

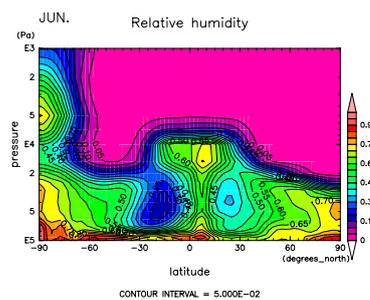


Figure 333: RH at Jun. by ECMWF

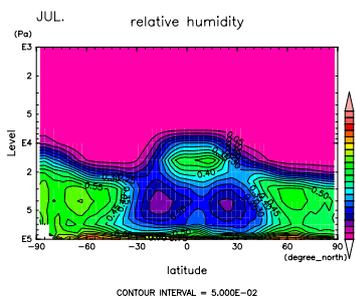


Figure 334: RH at Jul. by dcpan

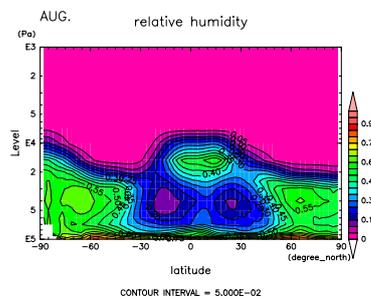


Figure 337: RH at Aug. by dcpan

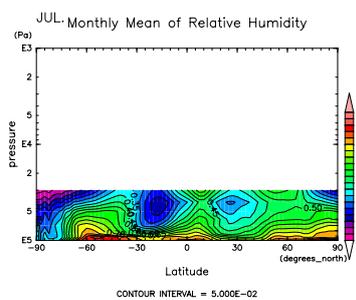


Figure 335: RH at Jul. by NCEP

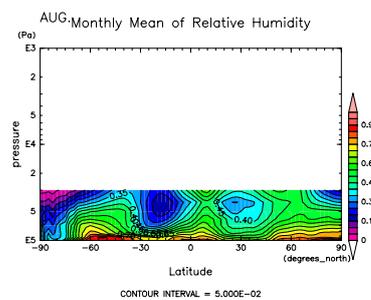


Figure 338: RH at Aug. by NCEP

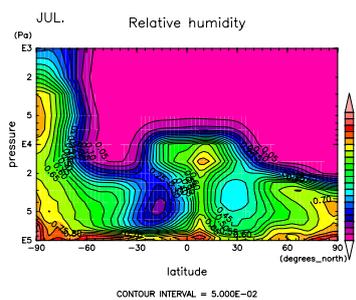


Figure 336: RH at Jul. by ECMWF

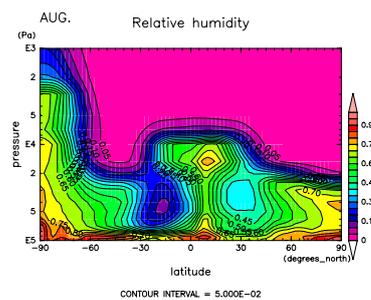


Figure 339: RH at Aug. by ECMWF

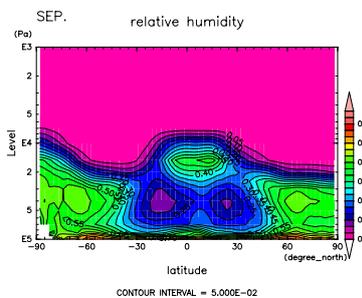


Figure 340: RH at Sep. by dcpan

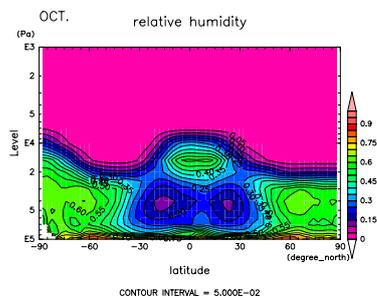


Figure 343: RH at Oct. by dcpan

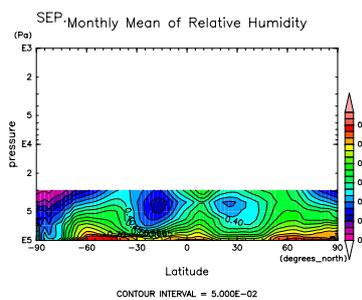


Figure 341: RH at Sep. by NCEP

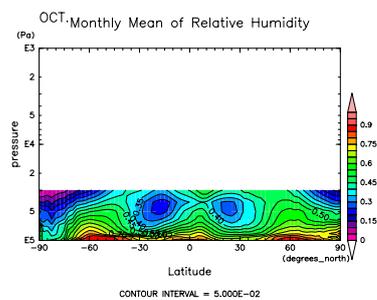


Figure 344: RH at Oct. by NCEP

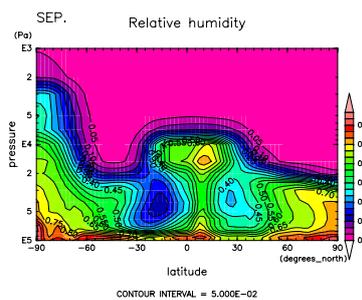


Figure 342: RH at Sep. by ECMWF

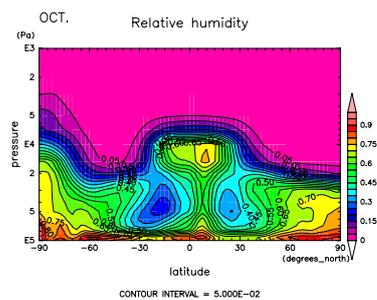


Figure 345: RH at Oct. by ECMWF

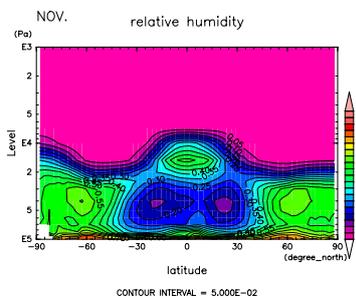


Figure 346: RH at Nov. by depam

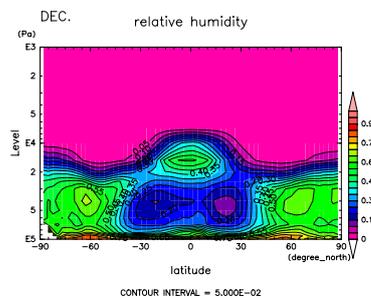


Figure 349: RH at Dec. by depam

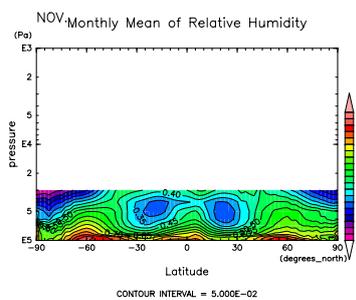


Figure 347: RH at Nov. by NCEP

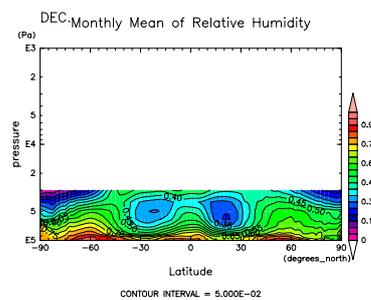


Figure 350: RH at Dec. by NCEP

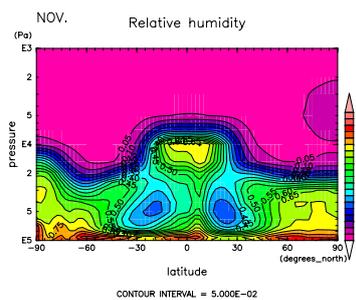


Figure 348: RH at Nov. by ECMWF

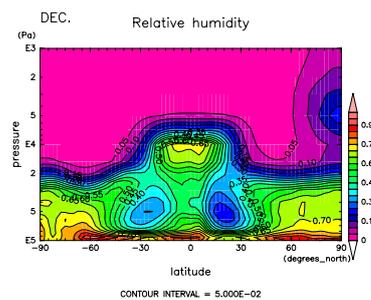


Figure 351: RH at Dec. by ECMWF