

0.1 Global mean budget

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

PRCP	:	91.7010084359527 W m ⁻² ,	80
EvapU	:	91.76525108405677 W m ⁻² ,	80
SensA	:	22.395844840807776 W m ⁻² ,	17
SLRA	:	64.9701264380924 W m ⁻² ,	63
SSRA	:	-175.92117853304936 W m ⁻² ,	-161
OLRA	:	237.63906707336776 W m ⁻² ,	239
OSRA	:	-237.15371373626797 W m ⁻² ,	-239
Heating:		2.7246904823186036 W m ⁻²	
Water	:	-4.358607636921181e-09 kg m ⁻² s ⁻¹	

0.2 Figures

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

0.2.1 Annual and zonal mean latitudinal distribution

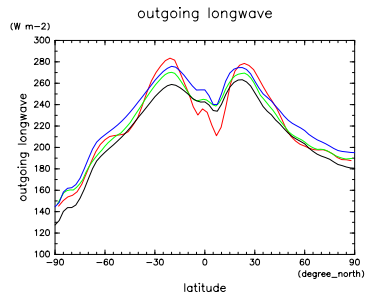


Figure 1: Annual average OLRA by dcpam (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

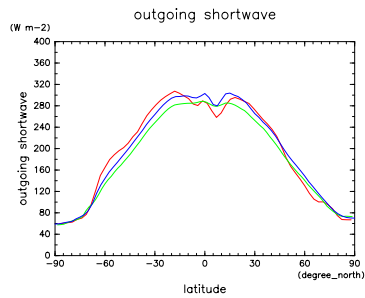


Figure 2: Annual average OSRA by dcpam (red), NCEP (green), and ECMWF (blue)

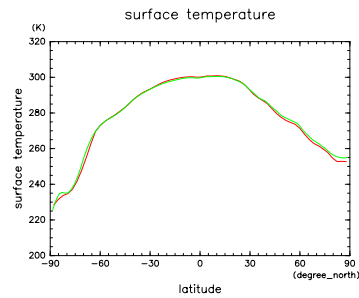


Figure 4: Annual average SurfTemp by dcpam (red), NCEP (skt) (green)

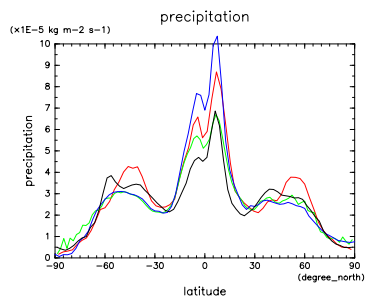


Figure 3: Annual average PRCP by dcpam (red), NCEP (green), ECMWF (blue), and GPCP (black)

0.2.2 Annual mean longitude-latitude distribution

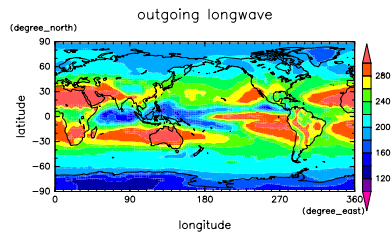


Figure 5: Annual mean OLR by de-pam

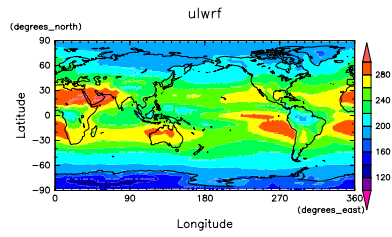


Figure 6: Annual mean OLR by NCEP

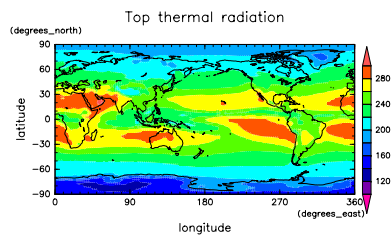


Figure 7: Annual mean OLR by ECMWF

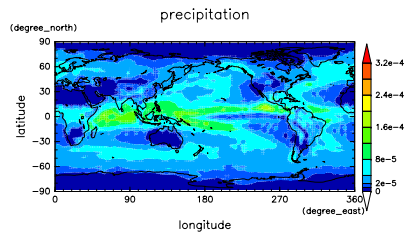


Figure 8: Annual mean Rain by dc-pam

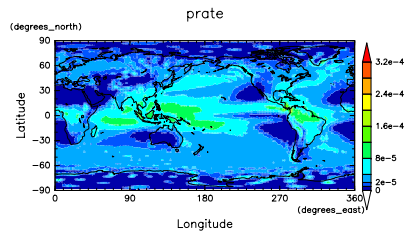


Figure 9: Annual mean Rain by NCEP

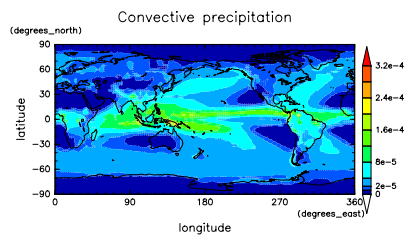


Figure 10: Annual mean Rain by ECMWF

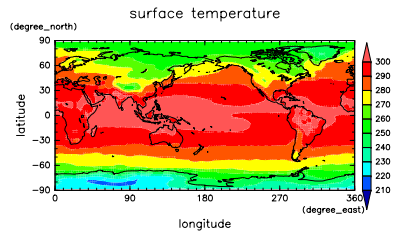


Figure 11: Annual mean SurfTemp by dcpam

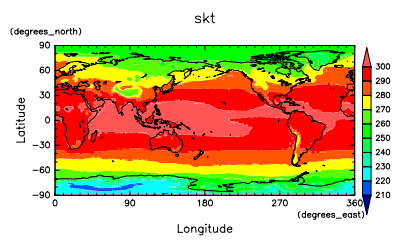


Figure 12: Annual mean skt by NCEP

0.2.3 Annual mean latitude-pressure (linear) distribution

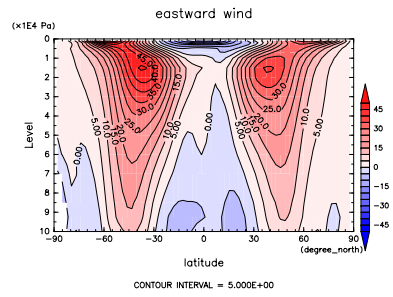


Figure 13: Annual mean U by dcpan

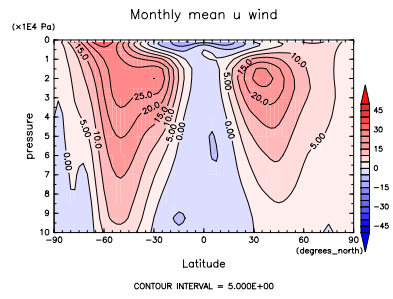


Figure 14: Annual mean U by NCEP

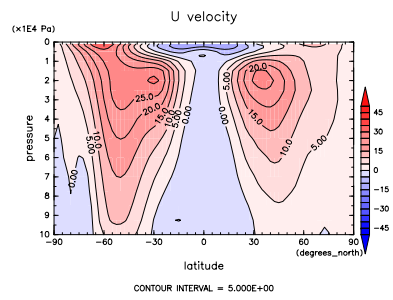


Figure 15: Annual mean U by ECMWF

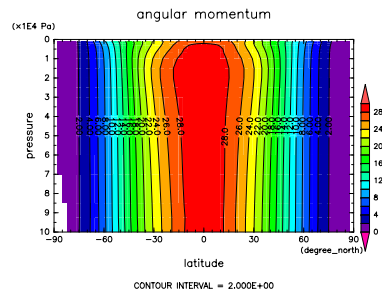


Figure 16: Annual mean ANGMOM by dcpam

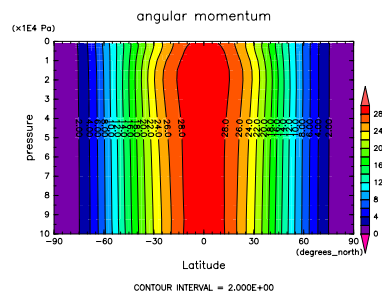


Figure 17: Annual mean ANGMOM by NCEP

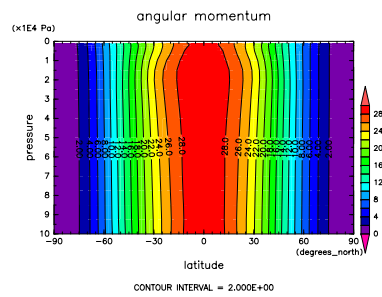


Figure 18: Annual mean ANGMOM by ECMWF

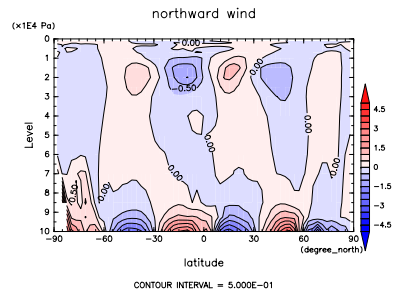


Figure 19: Annual mean V by dcpan

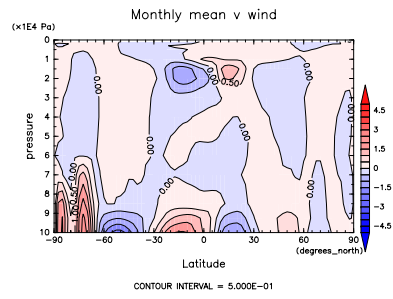


Figure 20: Annual mean V by NCEP

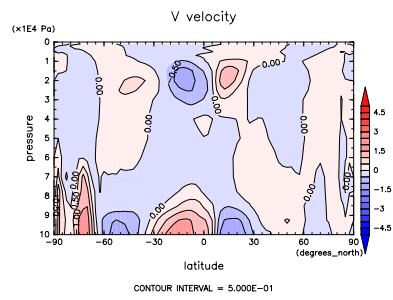


Figure 21: Annual mean V by ECMWF

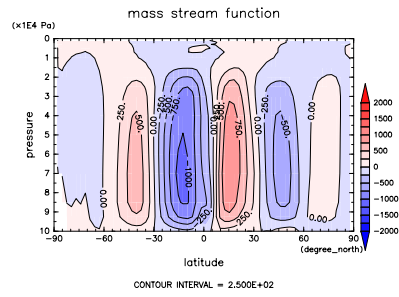


Figure 22: Annual mean MSF by dc-pam

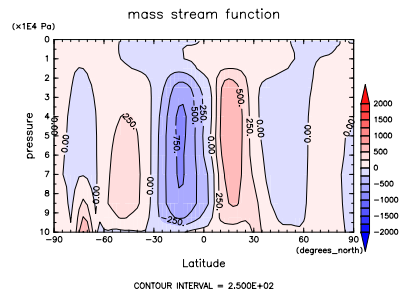


Figure 23: Annual mean MSF by NCEP

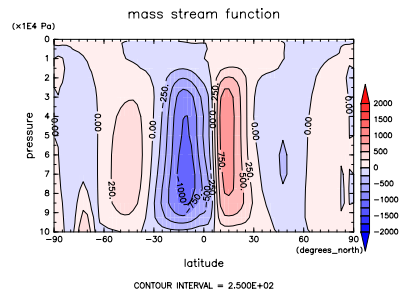


Figure 24: Annual mean MSF by ECMWF

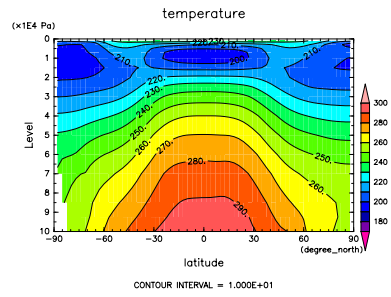


Figure 25: Annual mean T by dcpan

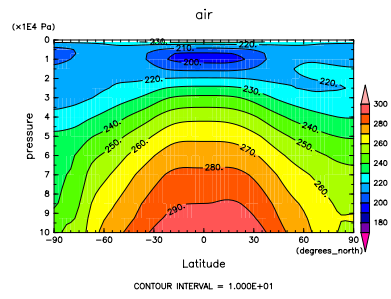


Figure 26: Annual mean T by NCEP

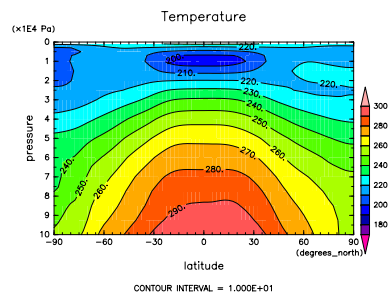


Figure 27: Annual mean T by ECMWF

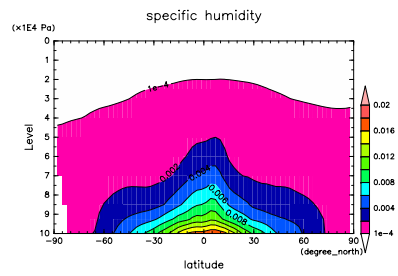


Figure 28: Annual mean q by dcpan

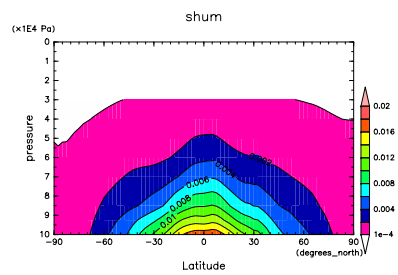


Figure 29: Annual mean q by NCEP

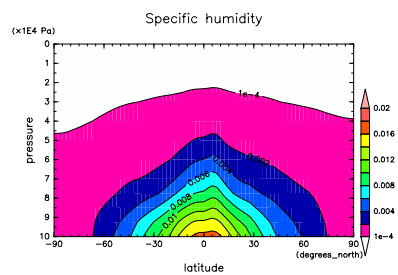


Figure 30: Annual mean q by ECMWF

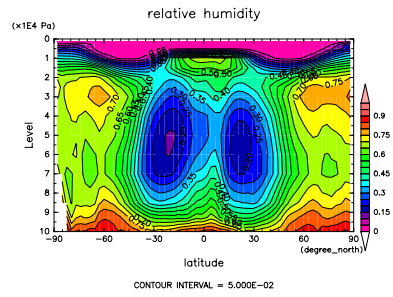


Figure 31: Annual mean RH by dc-pam

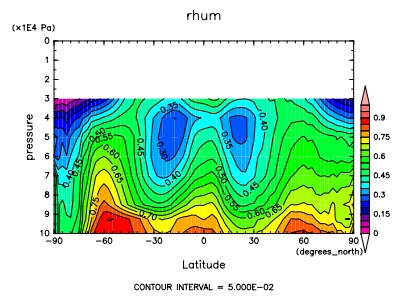


Figure 32: Annual mean RH by NCEP

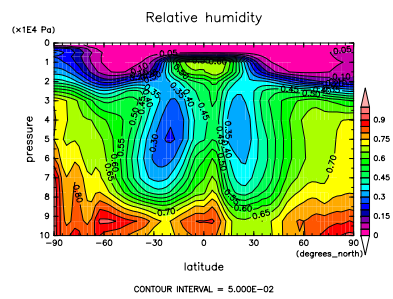


Figure 33: Annual mean RH by ECMWF

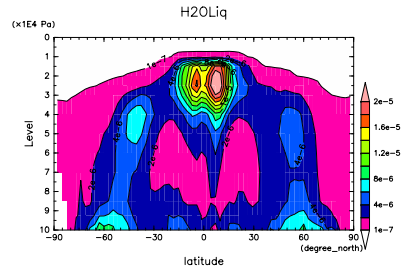


Figure 34: Annual mean q_l by dcpam

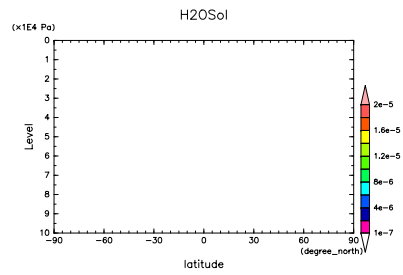


Figure 35: Annual mean q_i by dcpam

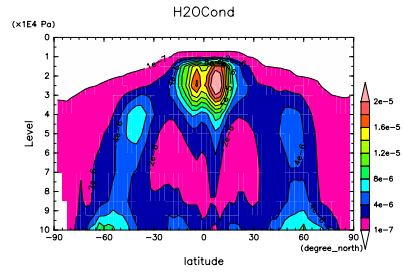


Figure 36: Annual mean $q_l + q_i$ by dc-pam

0.2.4 Annual mean latitude-pressure (logarithmic) distribution

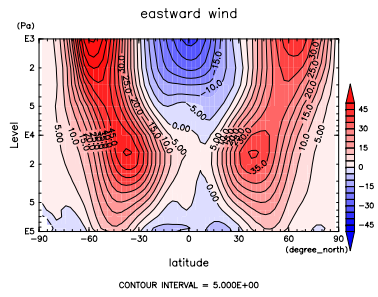


Figure 37: Annual mean U by dcpan

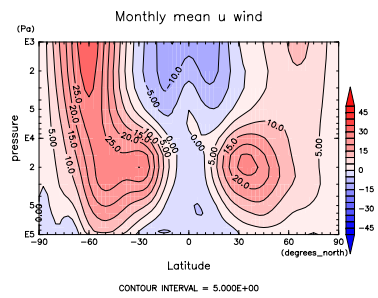


Figure 38: Annual mean U by NCEP

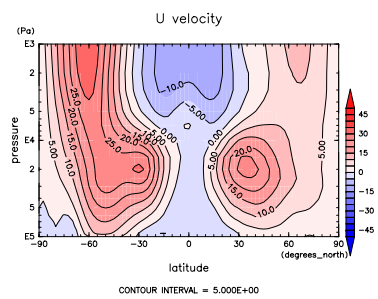


Figure 39: Annual mean U by ECMWF

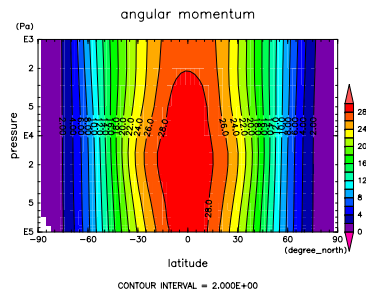


Figure 40: Annual mean ANG MOM by dcpam

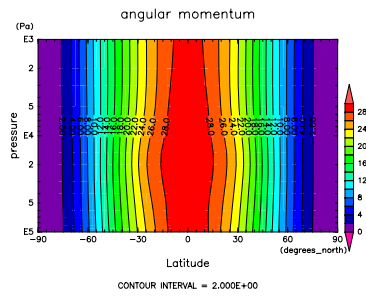


Figure 41: Annual mean ANG MOM by NCEP

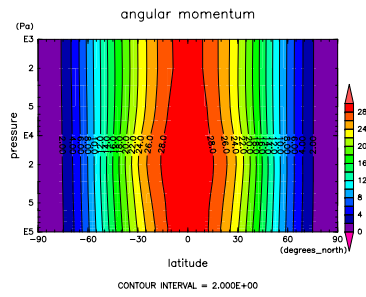


Figure 42: Annual mean ANG MOM by ECMWF

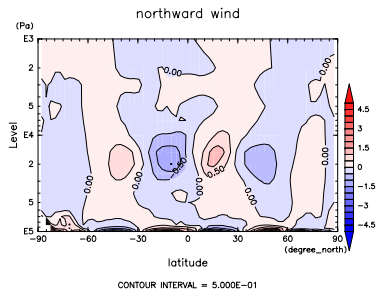


Figure 43: Annual mean V by dcpan

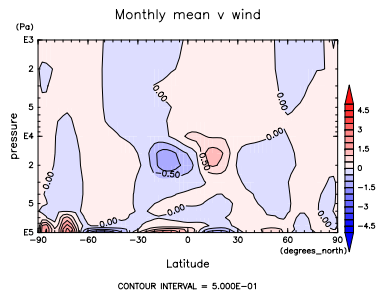


Figure 44: Annual mean V by NCEP

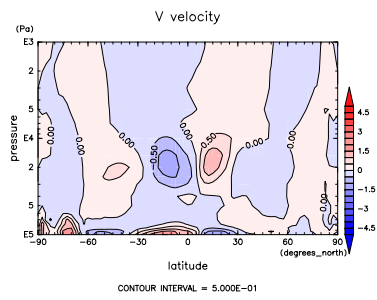


Figure 45: Annual mean V by ECMWF

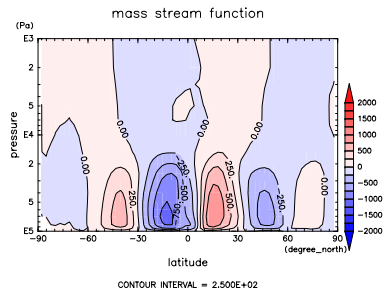


Figure 46: Annual mean MSF by de-pam

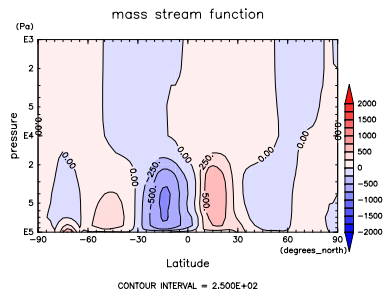


Figure 47: Annual mean MSF by NCEP

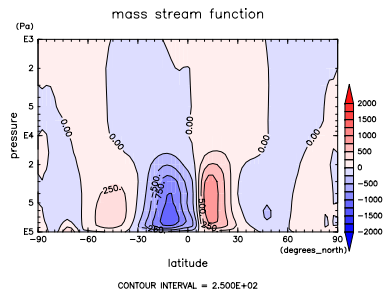


Figure 48: Annual mean MSF by ECMWF

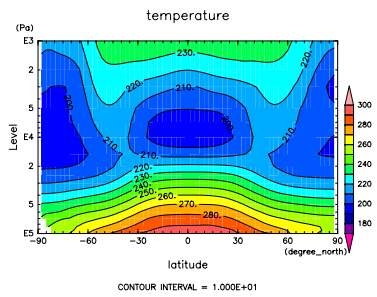


Figure 49: Annual mean T by dcpan

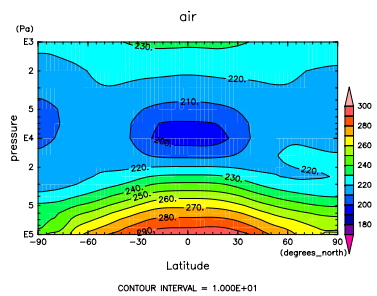


Figure 50: Annual mean T by NCEP

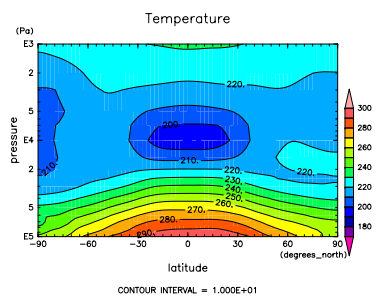


Figure 51: Annual mean T by ECMWF

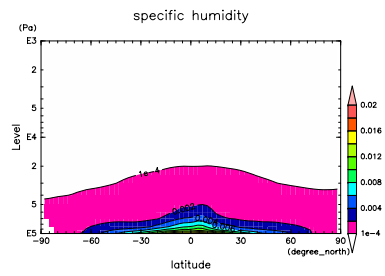


Figure 52: Annual mean q by dcpan

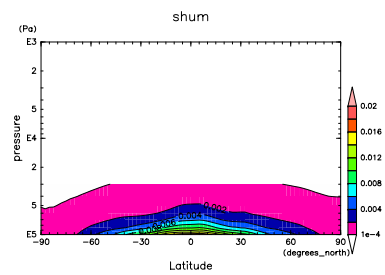


Figure 53: Annual mean q by NCEP

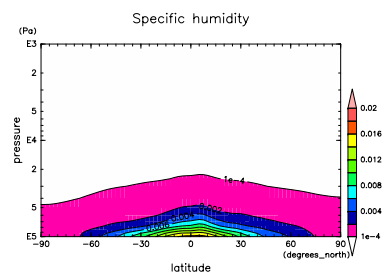


Figure 54: Annual mean q by ECMWF

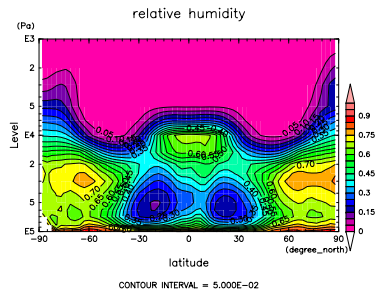


Figure 55: Annual mean RH by dc-pam

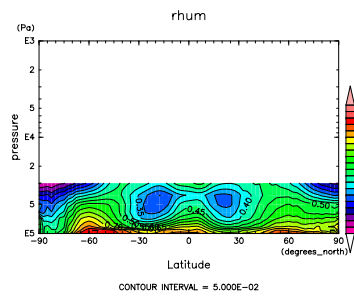


Figure 56: Annual mean RH by NCEP

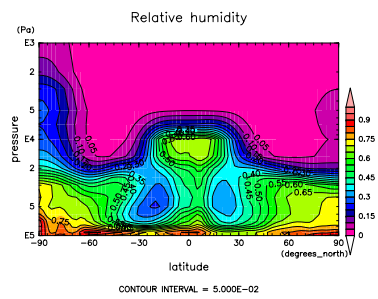


Figure 57: Annual mean RH by ECMWF

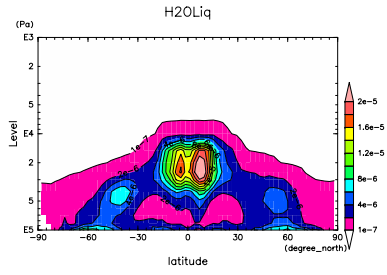


Figure 58: Annual mean q_l by dcpam

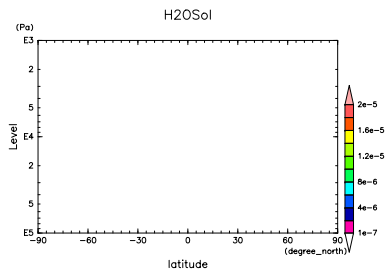


Figure 59: Annual mean q_i by dcpam

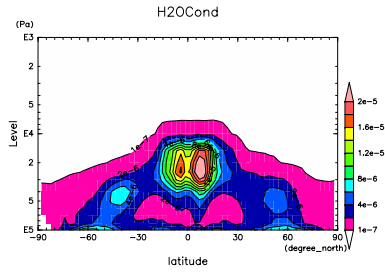


Figure 60: Annual mean $q_l + q_i$ by dc-pam

0.2.5 Monthly and zonal mean latitudinal distribution

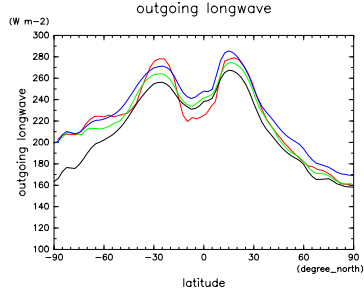


Figure 61: OLRA at Jan. by dcpan (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

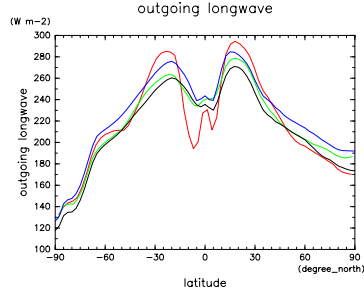


Figure 64: OLRA at Apr. by dcpan (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

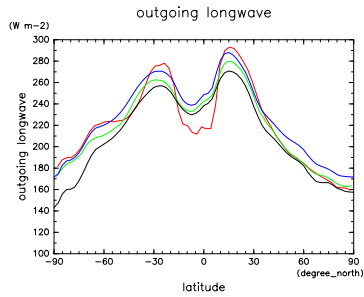


Figure 62: OLRA at Feb. by dcpan (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

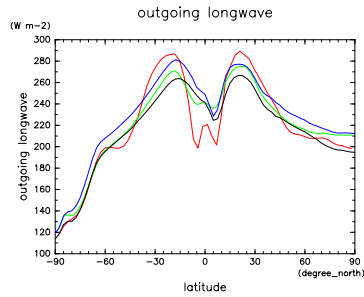


Figure 65: OLRA at May by dcpan (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

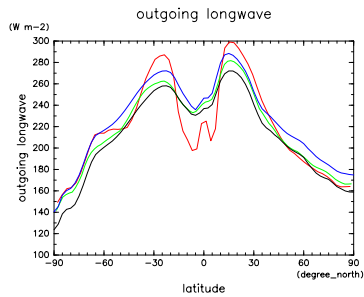


Figure 63: OLRA at Mar. by dcpan (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

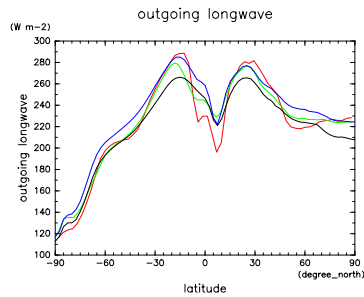


Figure 66: OLRA at Jun. by dcpan (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

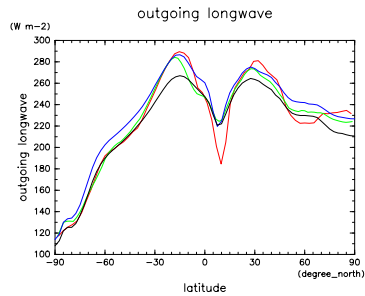


Figure 67: OLRA at Jul. by dcpan (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

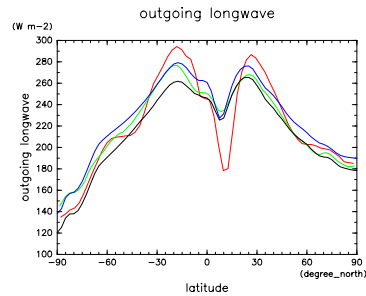


Figure 70: OLRA at Oct. by dcpan (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

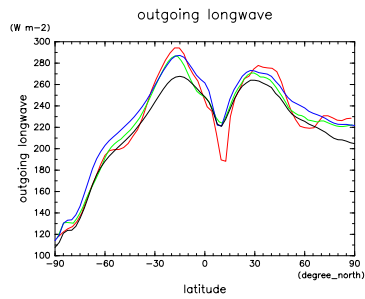


Figure 68: OLRA at Aug. by dcpan (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

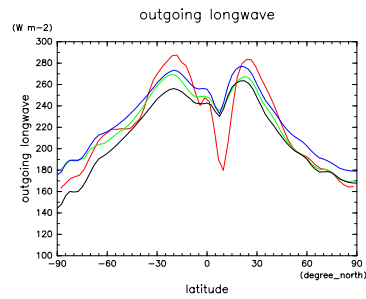


Figure 71: OLRA at Nov. by dcpan (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

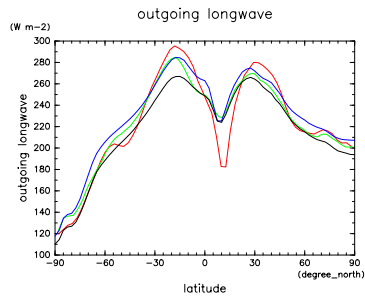


Figure 69: OLRA at Sep. by dcpan (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

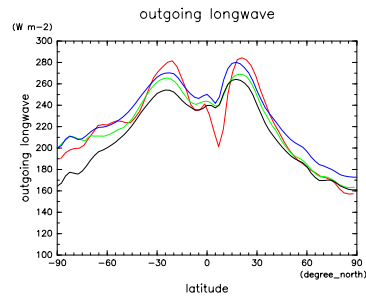


Figure 72: OLRA at Dec. by dcpan (red), NCEP (green), ECMWF (blue), and NOAA Interpolated OLR (black)

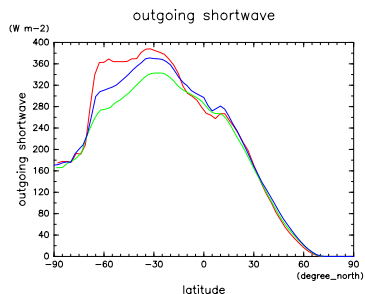


Figure 73: OSRA at Jan. by dcpan (red), NCEP (green), and ECMWF (blue)

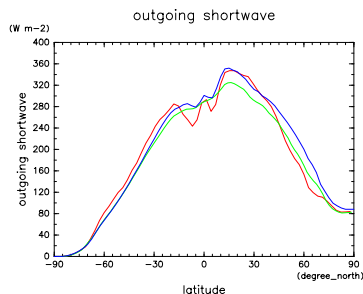


Figure 76: OSRA at Apr. by dcpan (red), NCEP (green), and ECMWF (blue)

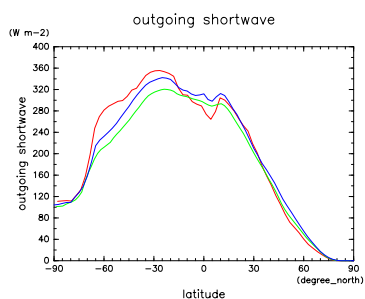


Figure 74: OSRA at Feb. by dcpan (red), NCEP (green), and ECMWF (blue)

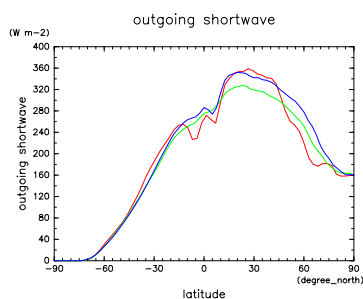


Figure 77: OSRA at May by dcpan (red), NCEP (green), and ECMWF (blue)

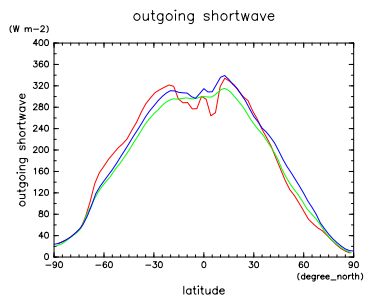


Figure 75: OSRA at Mar. by dcpan (red), NCEP (green), and ECMWF (blue)

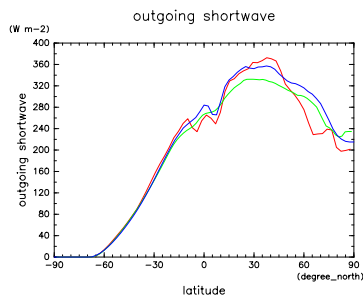


Figure 78: OSRA at Jun. by dcpan (red), NCEP (green), and ECMWF (blue)

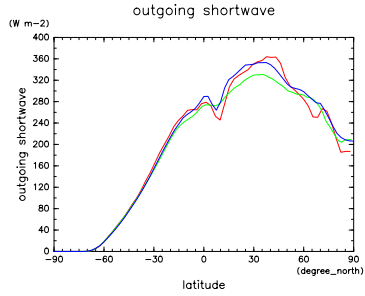


Figure 79: OSRA at Jul. by dcpan (red), NCEP (green), and ECMWF (blue)

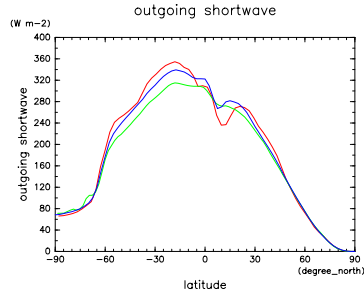


Figure 82: OSRA at Oct. by dcpan (red), NCEP (green), and ECMWF (blue)

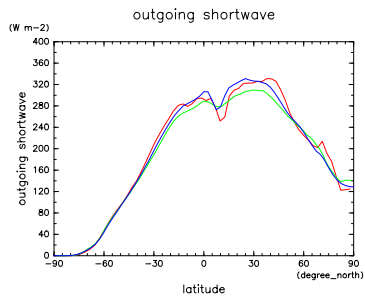


Figure 80: OSRA at Aug. by dcpan (red), NCEP (green), and ECMWF (blue)

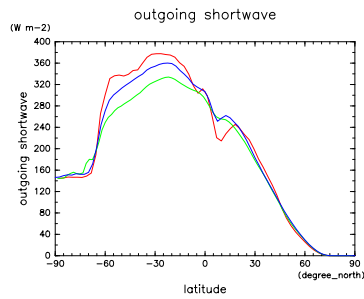


Figure 83: OSRA at Nov. by dcpan (red), NCEP (green), and ECMWF (blue)

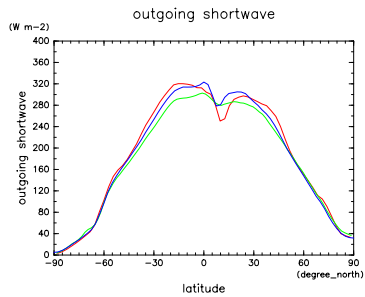


Figure 81: OSRA at Sep. by dcpan (red), NCEP (green), and ECMWF (blue)

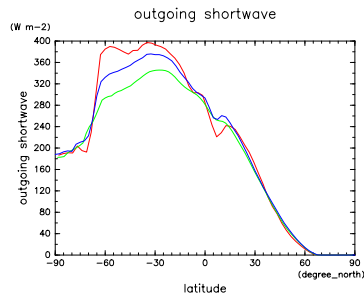


Figure 84: OSRA at Dec. by dcpan (red), NCEP (green), and ECMWF (blue)

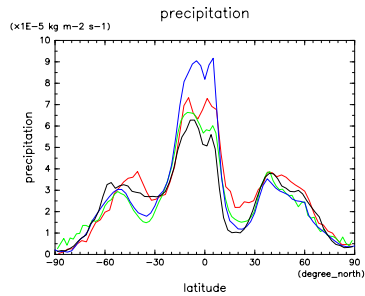


Figure 85: Rain at Jan. by dcpam (red), NCEP (green), ECMWF (blue), and GPCP (black)

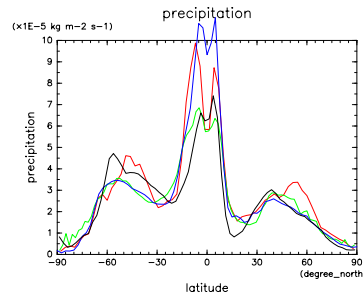


Figure 88: Rain at Apr. by dcpam (red), NCEP (green), ECMWF (blue), and GPCP (black)

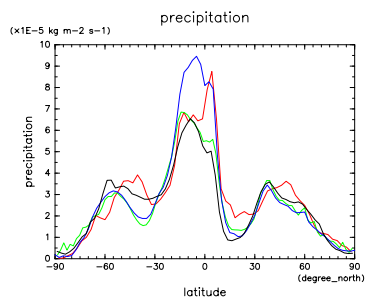


Figure 86: Rain at Feb. by dcpam (red), NCEP (green), ECMWF (blue), and GPCP (black)

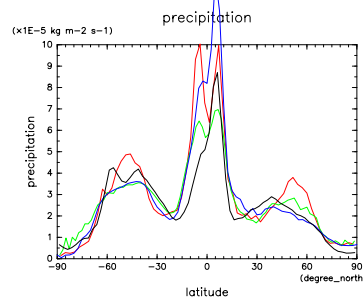


Figure 89: Rain at May by dcpam (red), NCEP (green), ECMWF (blue), and GPCP (black)

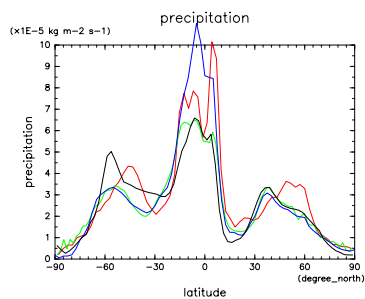


Figure 87: Rain at Mar. by dcpam (red), NCEP (green), ECMWF (blue), and GPCP (black)

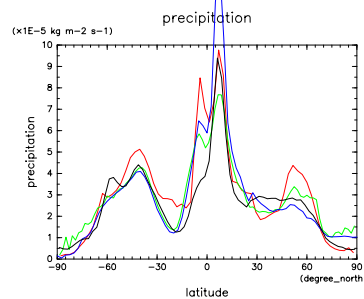


Figure 90: Rain at Jun. by dcpam (red), NCEP (green), ECMWF (blue), and GPCP (black)

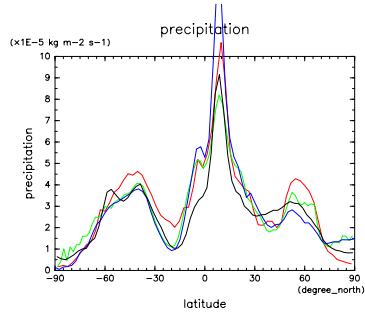


Figure 91: Rain at Jul. by dcpam (red), NCEP (green), ECMWF (blue), and GPCP (black)

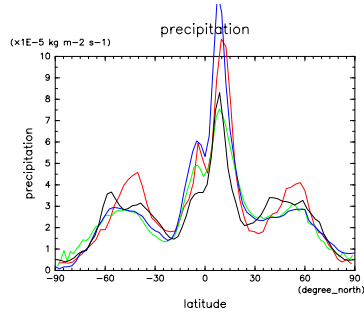


Figure 94: Rain at Oct. by dcpam (red), NCEP (green), ECMWF (blue), and GPCP (black)

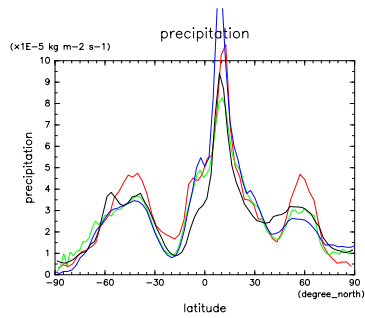


Figure 92: Rain at Aug. by dcpam (red), NCEP (green), ECMWF (blue), and GPCP (black)

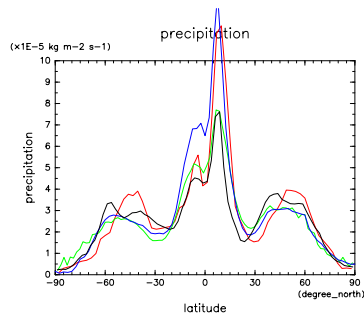


Figure 95: Rain at Nov. by dcpam (red), NCEP (green), ECMWF (blue), and GPCP (black)

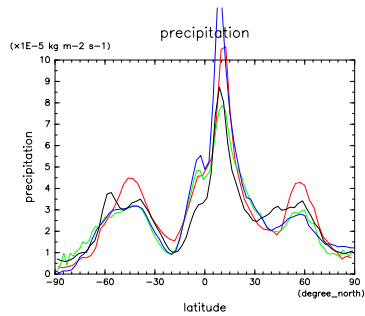


Figure 93: Rain at Sep. by dcpam (red), NCEP (green), ECMWF (blue), and GPCP (black)

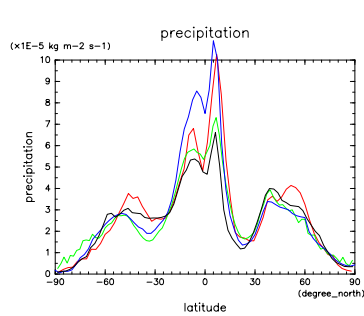


Figure 96: Rain at Dec. by dcpam (red), NCEP (green), ECMWF (blue), and GPCP (black)

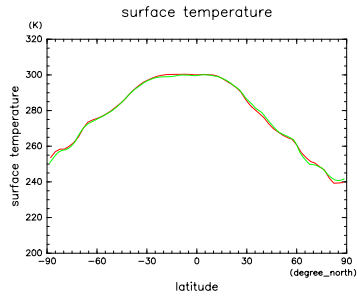


Figure 97: SurfTemp at Jan. by dc-pam (red), NCEP (skt) (green)

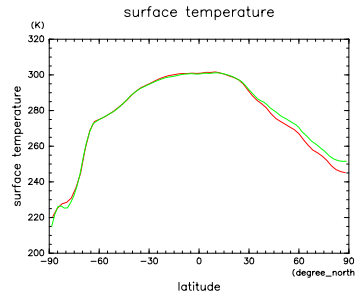


Figure 100: SurfTemp at Apr. by dc-pam (red), NCEP (skt) (green)

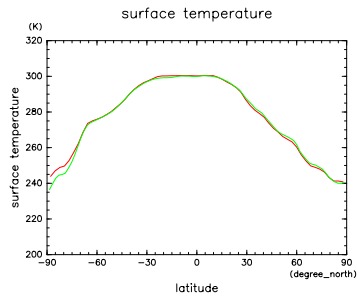


Figure 98: SurfTemp at Feb. by dc-pam (red), NCEP (skt) (green)

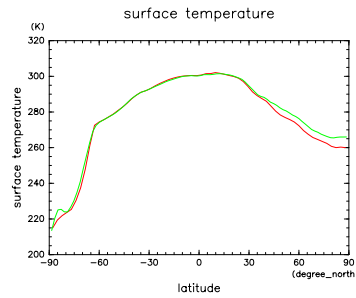


Figure 101: SurfTemp at May by dc-pam (red), NCEP (skt) (green)

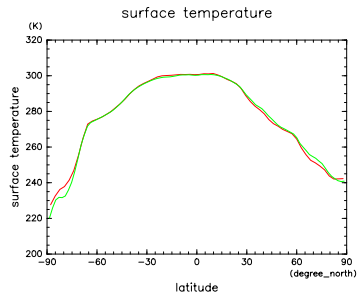


Figure 99: SurfTemp at Mar. by dc-pam (red), NCEP (skt) (green)

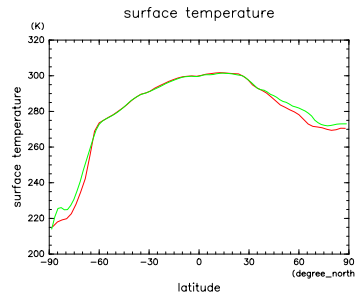


Figure 102: SurfTemp at Jun. by dc-pam (red), NCEP (skt) (green)

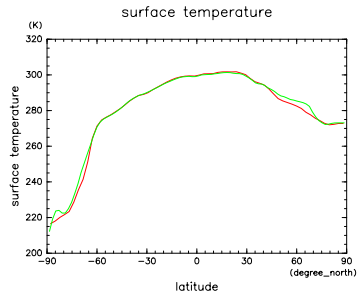


Figure 103: SurfTemp at Jul. by dc-pam (red), NCEP (skt) (green)

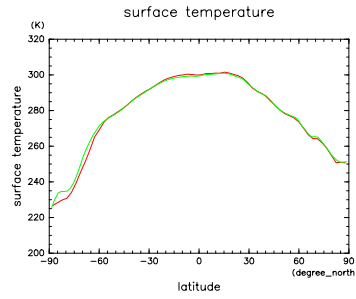


Figure 106: SurfTemp at Oct. by dc-pam (red), NCEP (skt) (green)

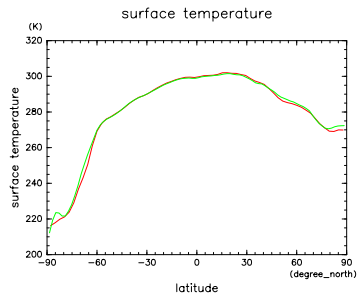


Figure 104: SurfTemp at Aug. by dc-pam (red), NCEP (skt) (green)

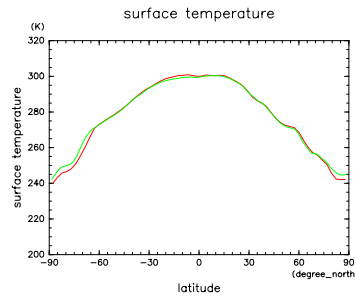


Figure 107: SurfTemp at Nov. by dc-pam (red), NCEP (skt) (green)

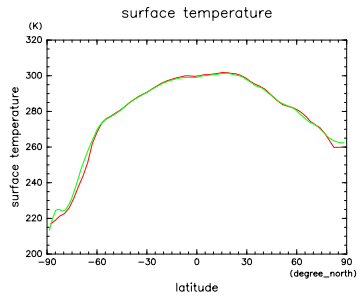


Figure 105: SurfTemp at Sep. by dc-pam (red), NCEP (skt) (green)

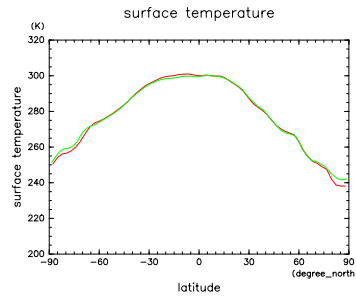


Figure 108: SurfTemp at Dec. by dc-pam (red), NCEP (skt) (green)

0.2.6 Monthly mean longitude-latitude distribution

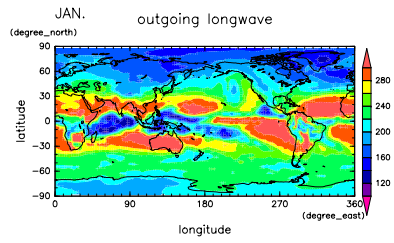


Figure 109: OLR at Jan. by dpam

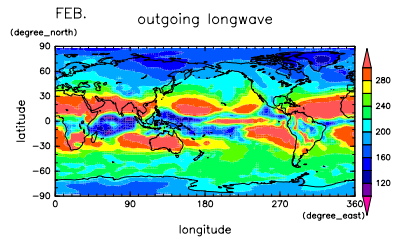


Figure 112: OLR at Feb. by dpam

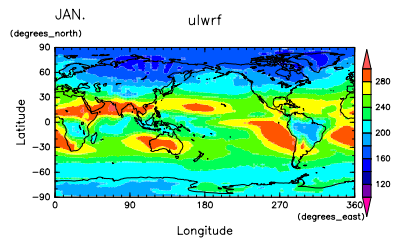


Figure 110: OLR at Jan. by NCEP

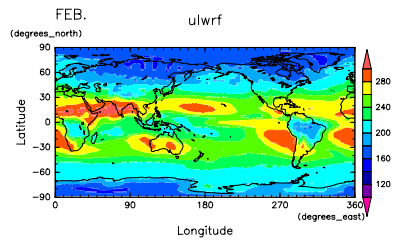


Figure 113: OLR at Feb. by NCEP

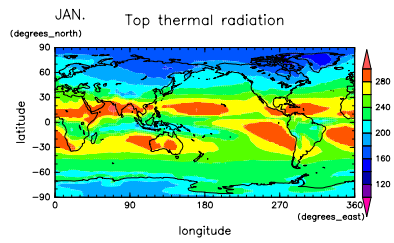


Figure 111: OLR at Jan. by ECMWF

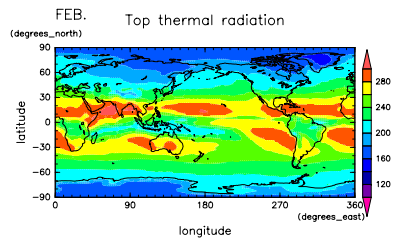


Figure 114: OLR at Feb. by ECMWF

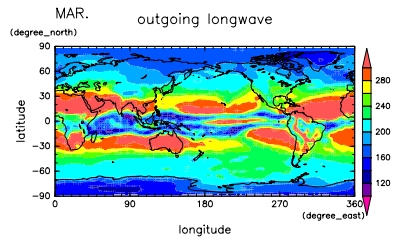


Figure 115: OLR at Mar. by dcpam

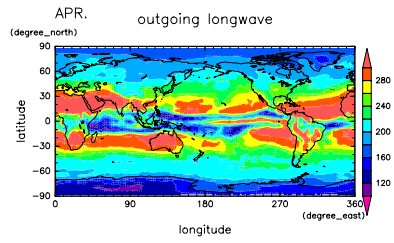


Figure 118: OLR at Apr. by dcpam

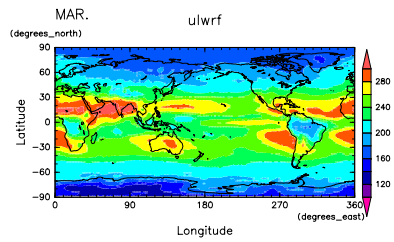


Figure 116: OLR at Mar. by NCEP

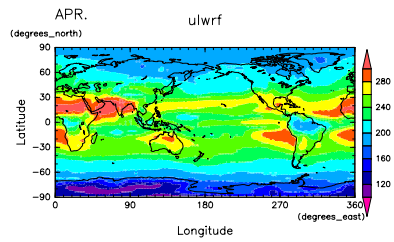


Figure 119: OLR at Apr. by NCEP

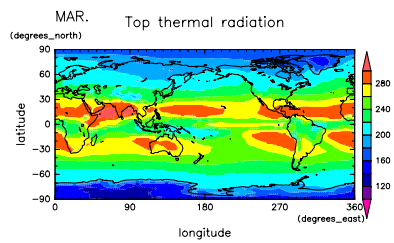


Figure 117: OLR at Mar. by ECMWF

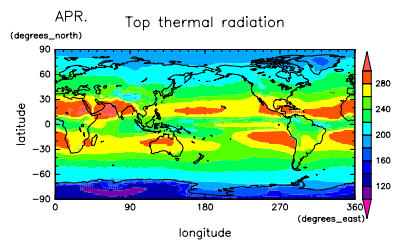


Figure 120: OLR at Apr. by ECMWF

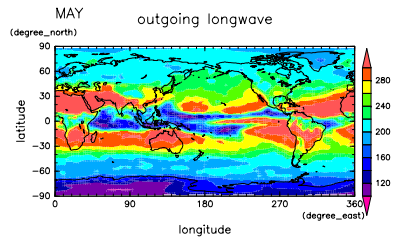


Figure 121: OLR at May by depam

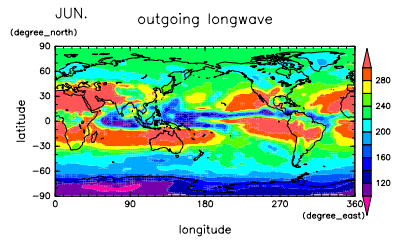


Figure 124: OLR at Jun. by depam

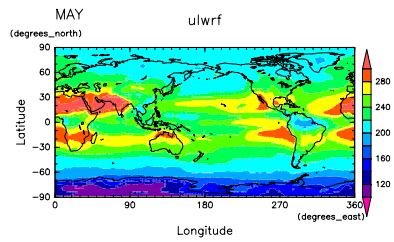


Figure 122: OLR at May by NCEP

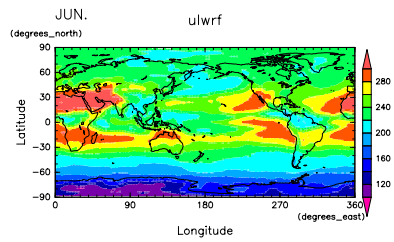


Figure 125: OLR at Jun. by NCEP

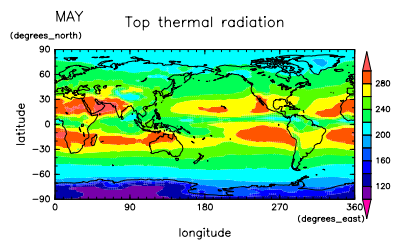


Figure 123: OLR at May by ECMWF

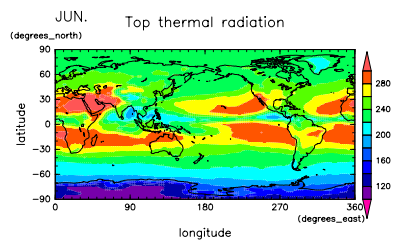


Figure 126: OLR at Jun. by ECMWF

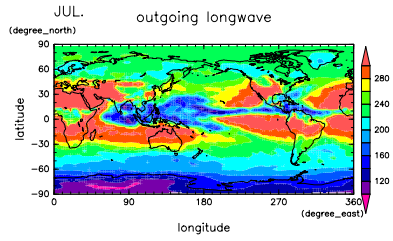


Figure 127: OLR at Jul. by dcpam

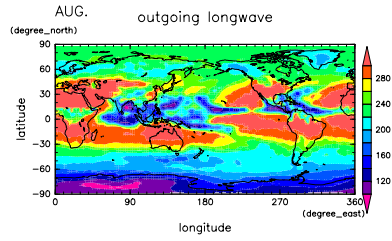


Figure 130: OLR at Aug. by dcpam

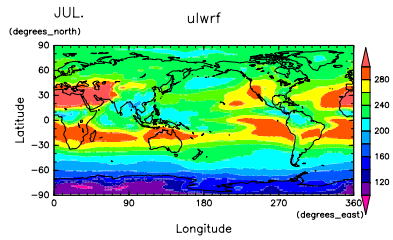


Figure 128: OLR at Jul. by NCEP

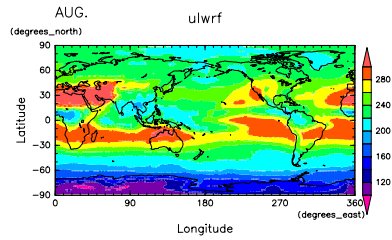


Figure 131: OLR at Aug. by NCEP

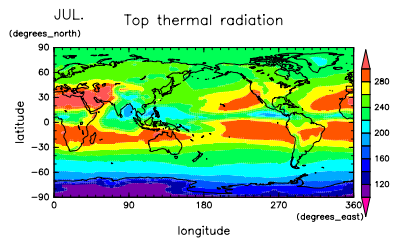


Figure 129: OLR at Jul. by ECMWF

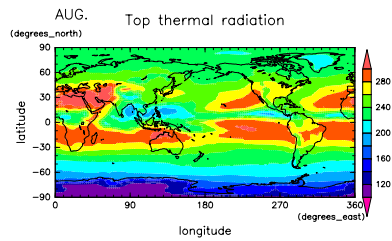


Figure 132: OLR at Aug. by ECMWF

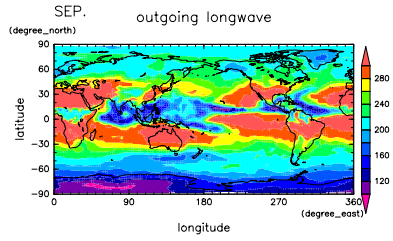


Figure 133: OLR at Sep. by dpam

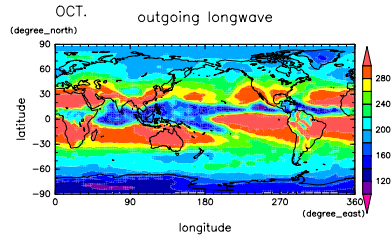


Figure 136: OLR at Oct. by dpam

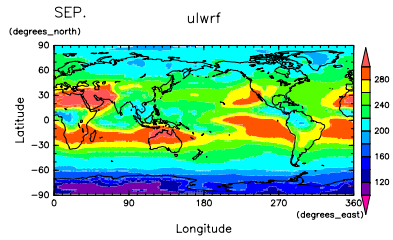


Figure 134: OLR at Sep. by NCEP

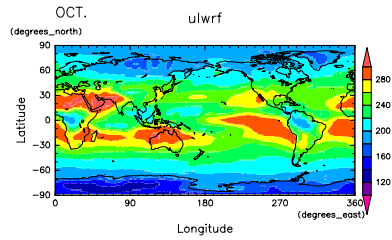


Figure 137: OLR at Oct. by NCEP

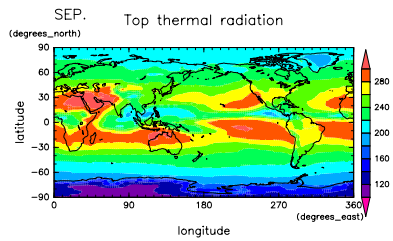


Figure 135: OLR at Sep. by ECMWF

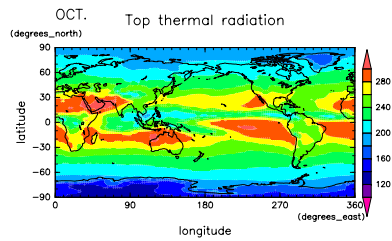


Figure 138: OLR at Oct. by ECMWF

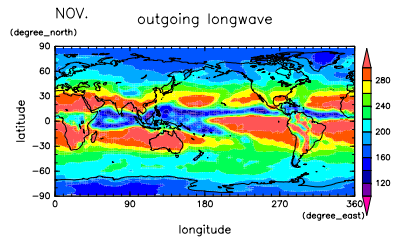


Figure 139: OLR at Nov. by dpam

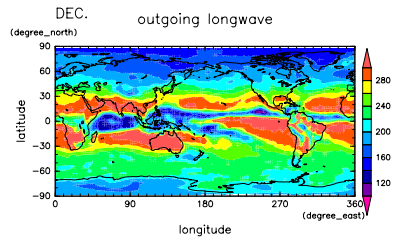


Figure 142: OLR at Dec. by dpam

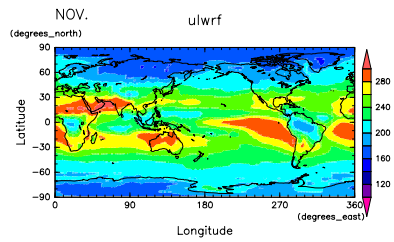


Figure 140: OLR at Nov. by NCEP

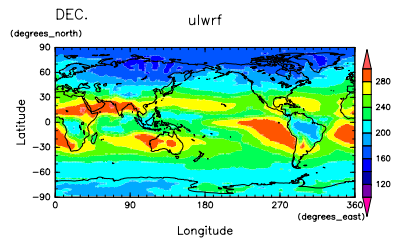


Figure 143: OLR at Dec. by NCEP

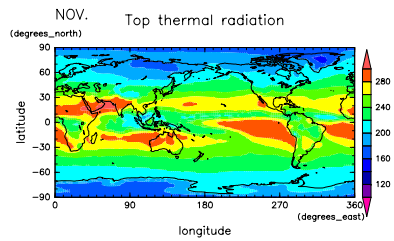


Figure 141: OLR at Nov. by ECMWF

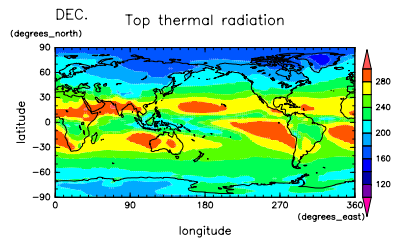


Figure 144: OLR at Dec. by ECMWF

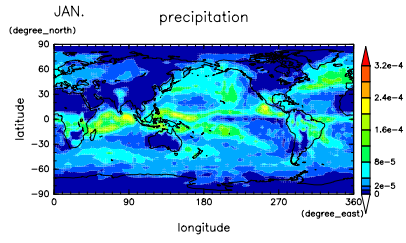


Figure 145: Rain at Jan. by deпам

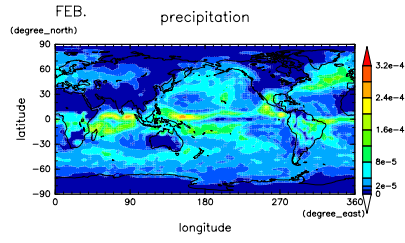


Figure 148: Rain at Feb. by deпам

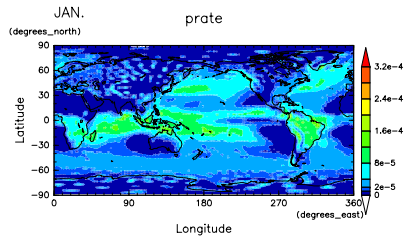


Figure 146: Rain at Jan. by NCEP

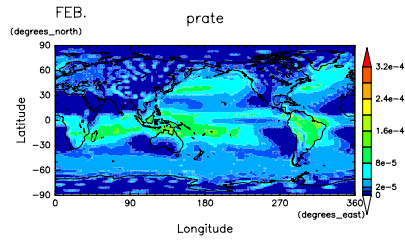


Figure 149: Rain at Feb. by NCEP

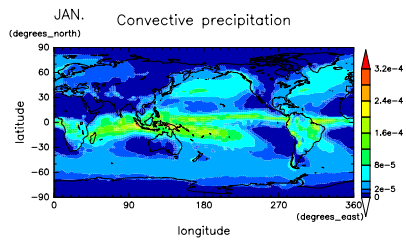


Figure 147: Rain at Jan. by ECMWF

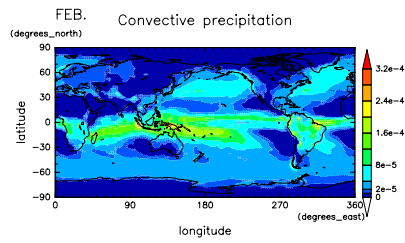


Figure 150: Rain at Feb. by ECMWF

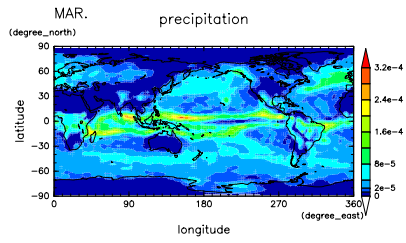


Figure 151: Rain at Mar. by dcpam

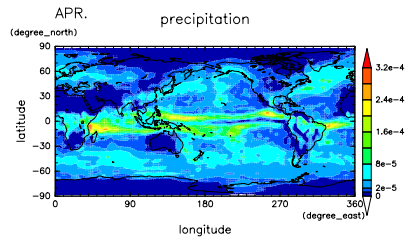


Figure 154: Rain at Apr. by dcpam

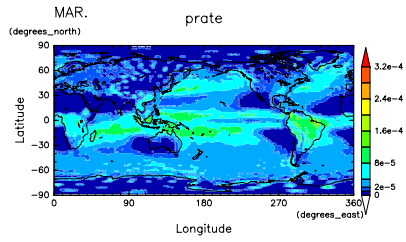


Figure 152: Rain at Mar. by NCEP

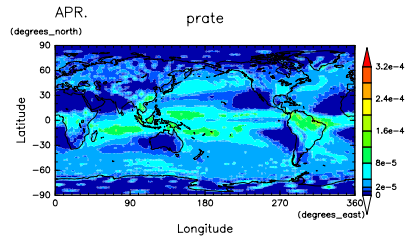


Figure 155: Rain at Apr. by NCEP

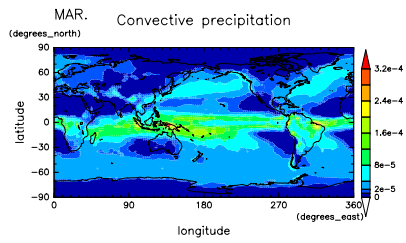


Figure 153: Rain at Mar. by ECMWF

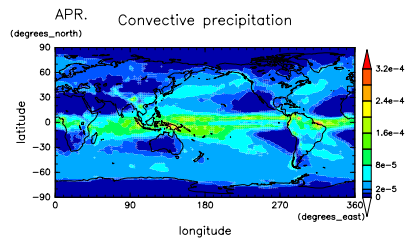


Figure 156: Rain at Apr. by ECMWF

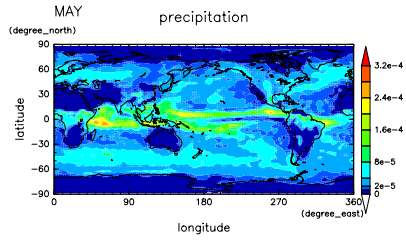


Figure 157: Rain at May by dpam

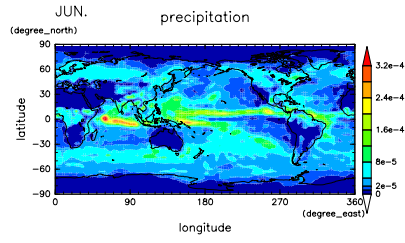


Figure 160: Rain at Jun. by dpam

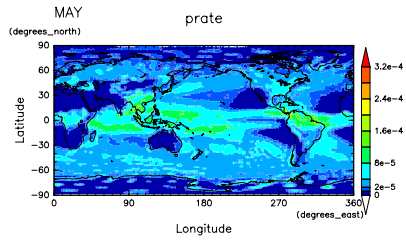


Figure 158: Rain at May by NCEP

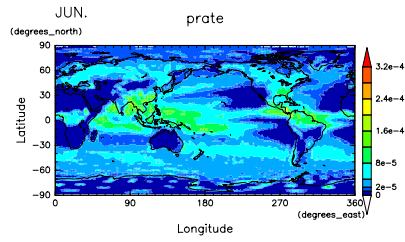


Figure 161: Rain at Jun. by NCEP

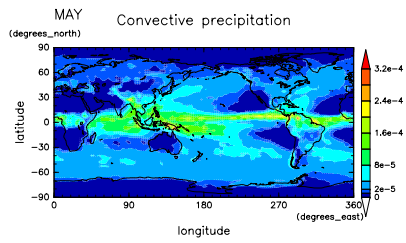


Figure 159: Rain at May by ECMWF

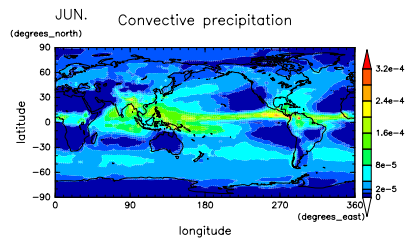


Figure 162: Rain at Jun. by ECMWF

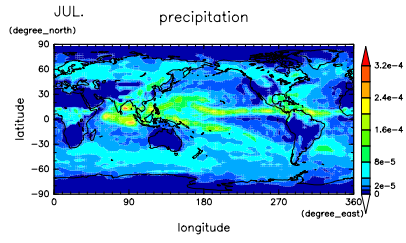


Figure 163: Rain at Jul. by dcpam

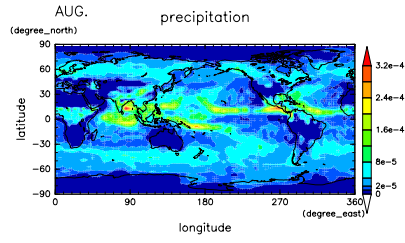


Figure 166: Rain at Aug. by dcpam

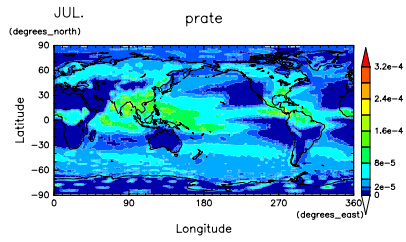


Figure 164: Rain at Jul. by NCEP

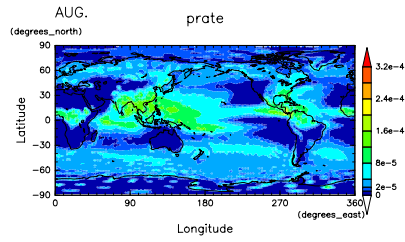


Figure 167: Rain at Aug. by NCEP

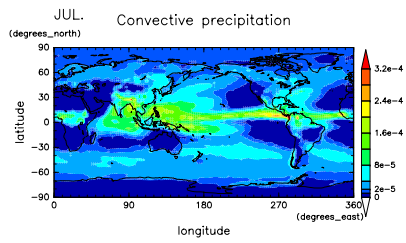


Figure 165: Rain at Jul. by ECMWF

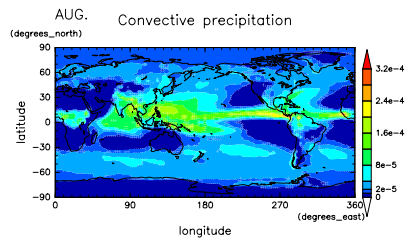


Figure 168: Rain at Aug. by ECMWF

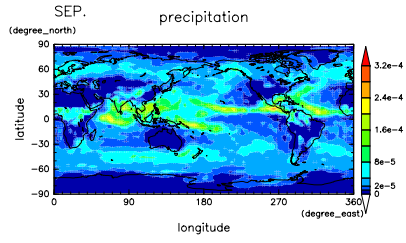


Figure 169: Rain at Sep. by deпам

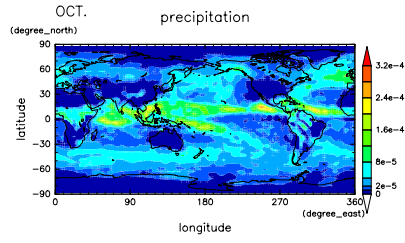


Figure 172: Rain at Oct. by deпам

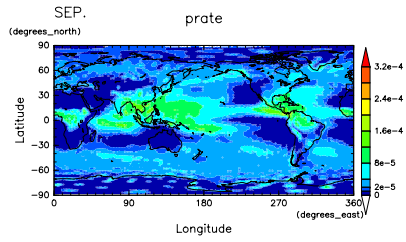


Figure 170: Rain at Sep. by NCEP

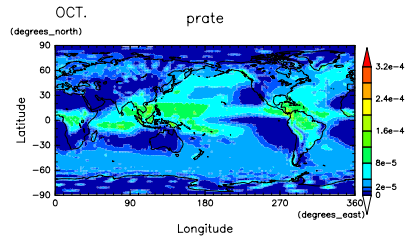


Figure 173: Rain at Oct. by NCEP

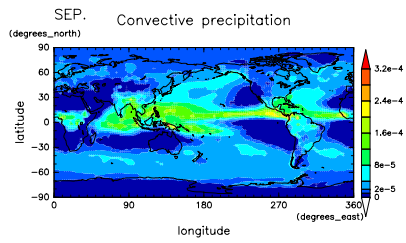


Figure 171: Rain at Sep. by ECMWF

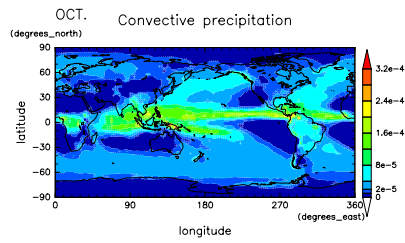


Figure 174: Rain at Oct. by ECMWF

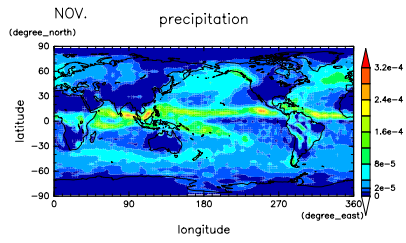


Figure 175: Rain at Nov. by dpam

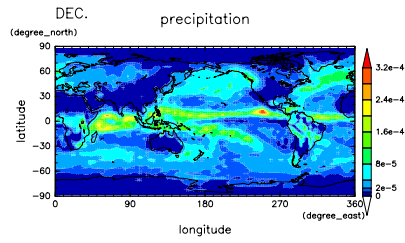


Figure 178: Rain at Dec. by dpam

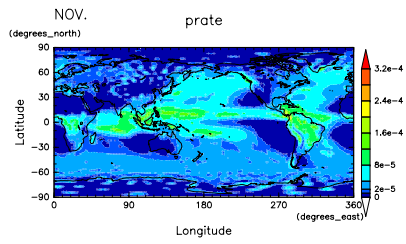


Figure 176: Rain at Nov. by NCEP

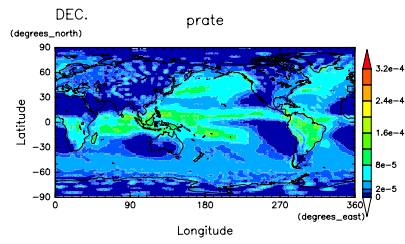


Figure 179: Rain at Dec. by NCEP

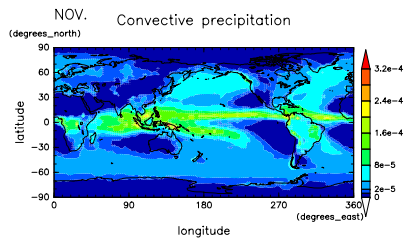


Figure 177: Rain at Nov. by ECMWF

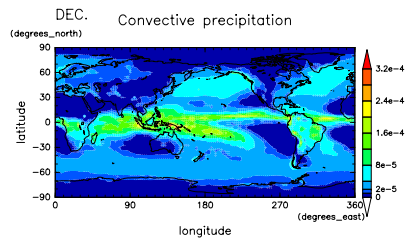


Figure 180: Rain at Dec. by ECMWF

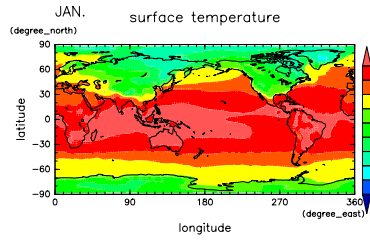


Figure 181: SurfTemp at Jan. by dc-pam

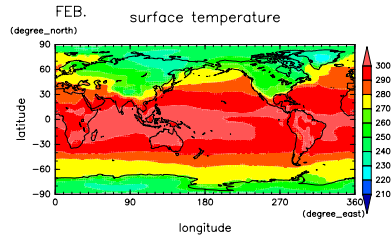


Figure 183: SurfTemp at Feb. by dc-pam

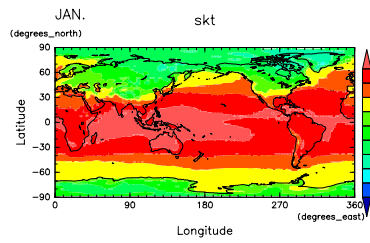


Figure 182: skt at Jan. by NCEP

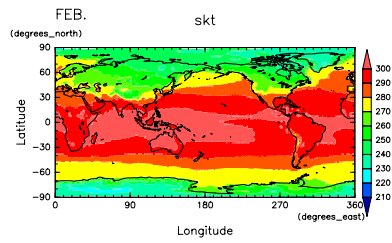


Figure 184: skt at Feb. by NCEP

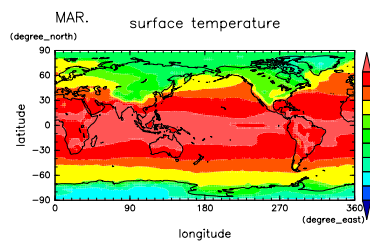


Figure 185: SurfTemp at Mar. by de-pam

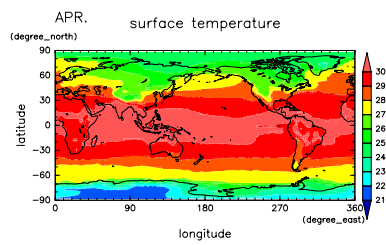


Figure 187: SurfTemp at Apr. by de-pam

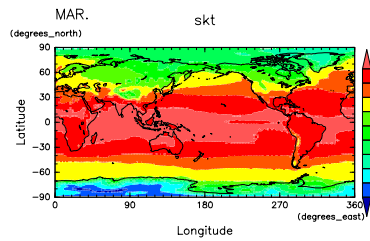


Figure 186: skt at Mar. by NCEP

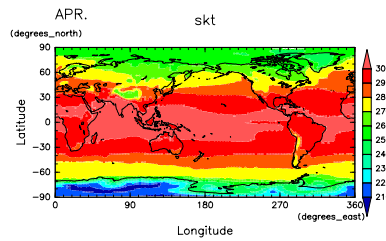


Figure 188: skt at Apr. by NCEP

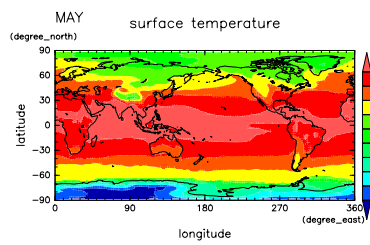


Figure 189: SurfTemp at May by de-pam

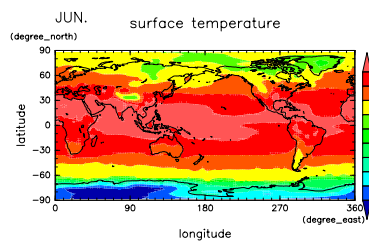


Figure 191: SurfTemp at Jun. by de-pam

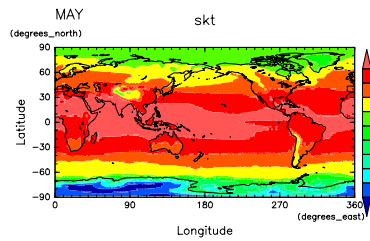


Figure 190: skt at May by NCEP

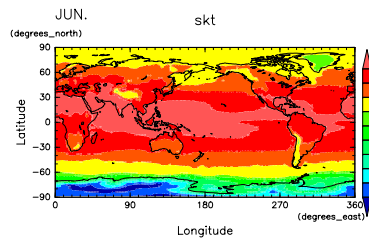


Figure 192: skt at Jun. by NCEP

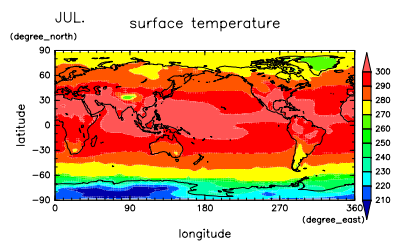


Figure 193: SurfTemp at Jul. by de-pam

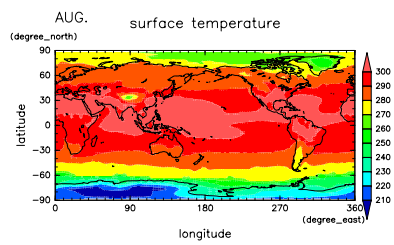


Figure 195: SurfTemp at Aug. by de-pam

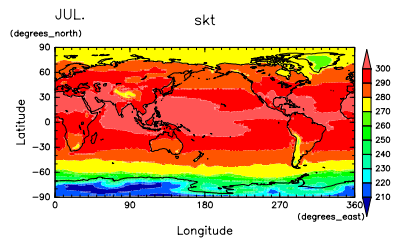


Figure 194: skt at Jul. by NCEP

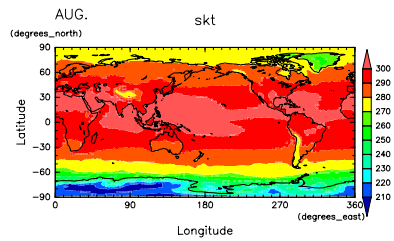


Figure 196: skt at Aug. by NCEP

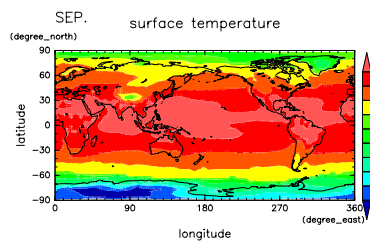


Figure 197: SurfTemp at Sep. by de-pam

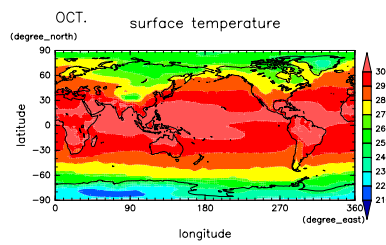


Figure 199: SurfTemp at Oct. by de-pam

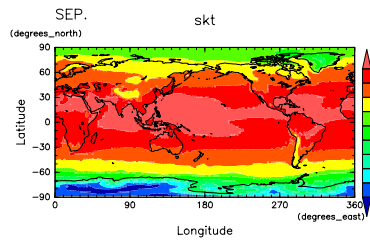


Figure 198: skt at Sep. by NCEP

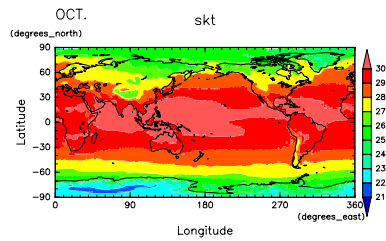


Figure 200: skt at Oct. by NCEP

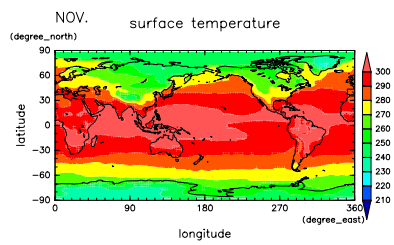


Figure 201: SurfTemp at Nov. by de-pam

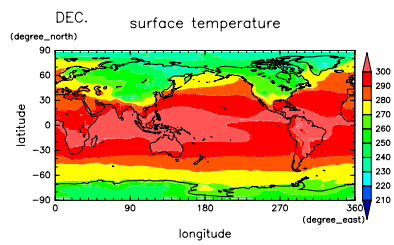


Figure 203: SurfTemp at Dec. by de-pam

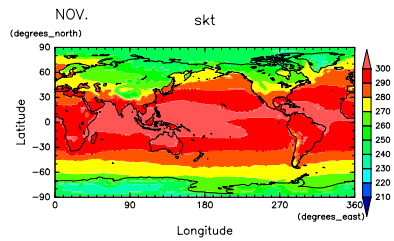


Figure 202: skt at Nov. by NCEP

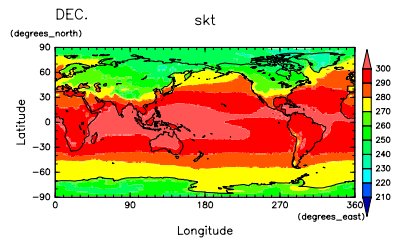


Figure 204: skt at Dec. by NCEP

0.2.7 Monthly mean latitude-pressure (linear) distribution

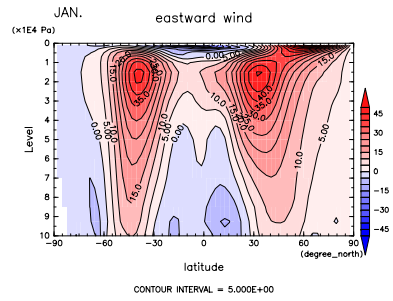


Figure 205: U at Jan. by dpam

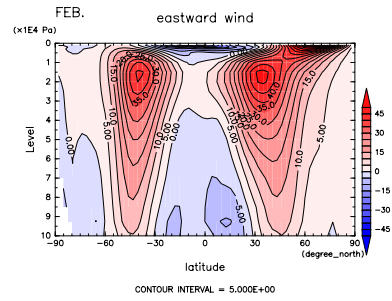


Figure 208: U at Feb. by dpam

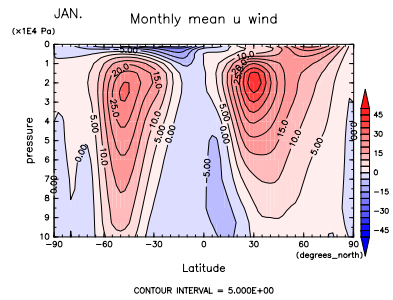


Figure 206: U at Jan. by NCEP

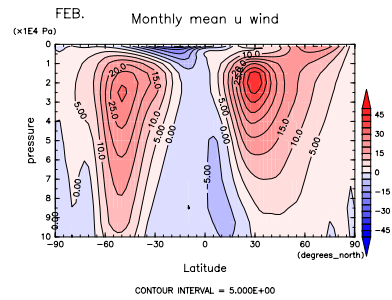


Figure 209: U at Feb. by NCEP

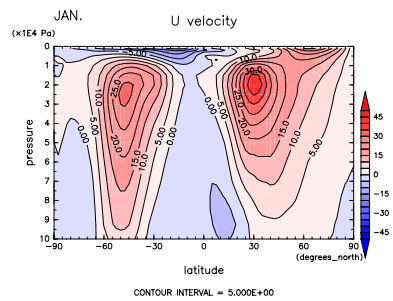


Figure 207: U at Jan. by ECMWF

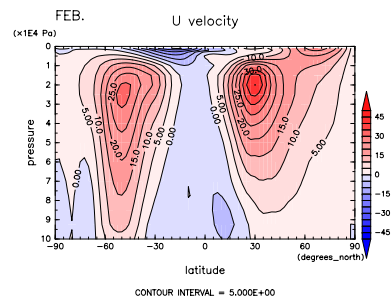


Figure 210: U at Feb. by ECMWF

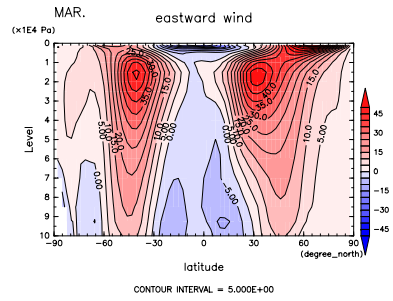


Figure 211: U at Mar. by depam

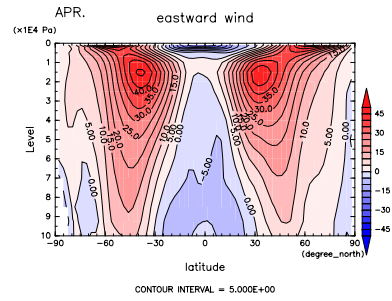


Figure 214: U at Apr. by depam

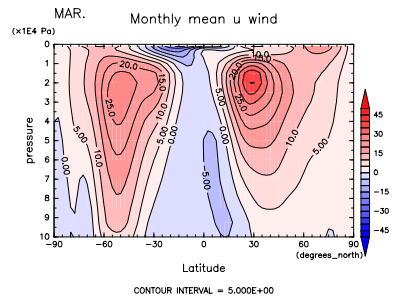


Figure 212: U at Mar. by NCEP

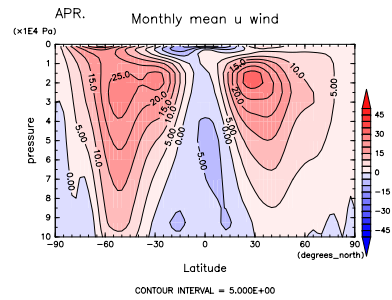


Figure 215: U at Apr. by NCEP

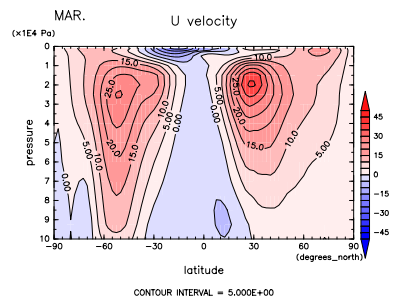


Figure 213: U at Mar. by ECMWF

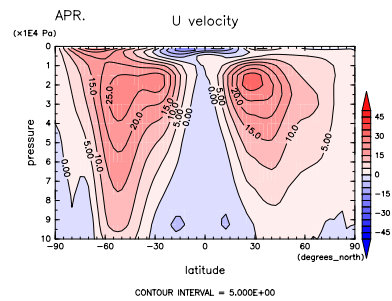


Figure 216: U at Apr. by ECMWF

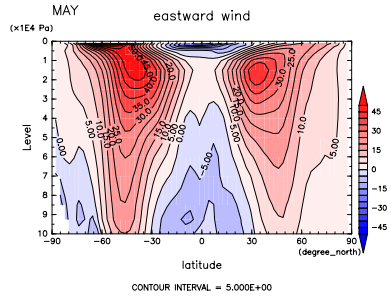


Figure 217: U at May by dpam

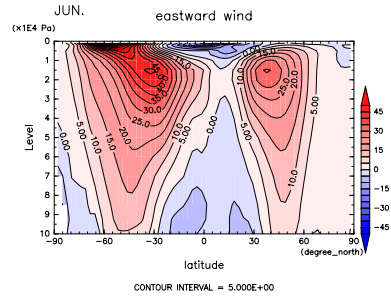


Figure 220: U at Jun. by dpam

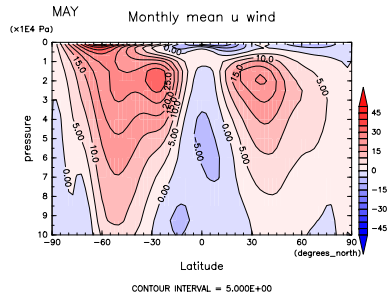


Figure 218: U at May by NCEP

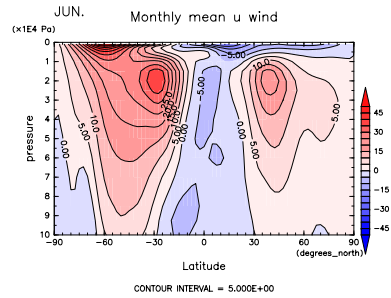


Figure 221: U at Jun. by NCEP

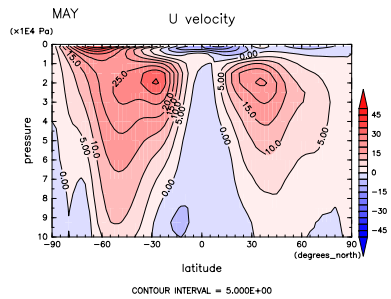


Figure 219: U at May by ECMWF

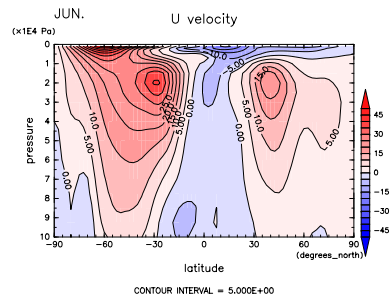


Figure 222: U at Jun. by ECMWF

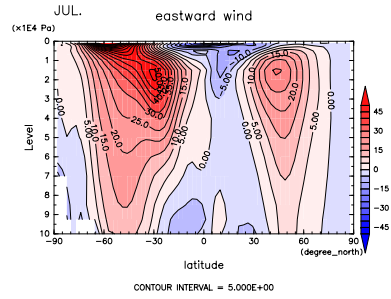


Figure 223: U at Jul. by dc pam

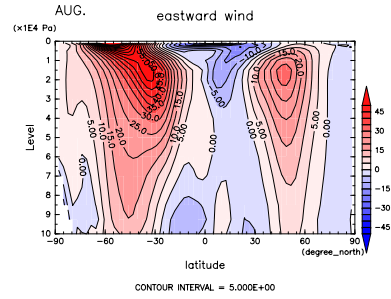


Figure 226: U at Aug. by dc pam

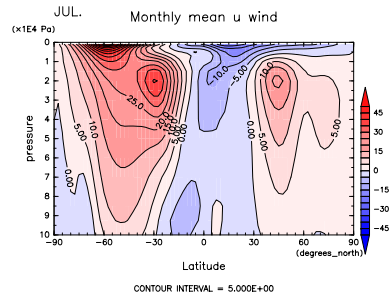


Figure 224: U at Jul. by NCEP

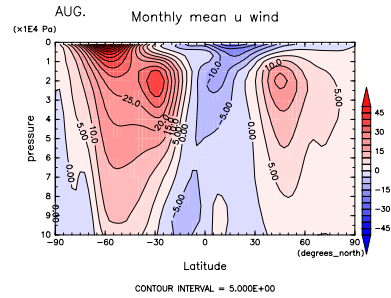


Figure 227: U at Aug. by NCEP

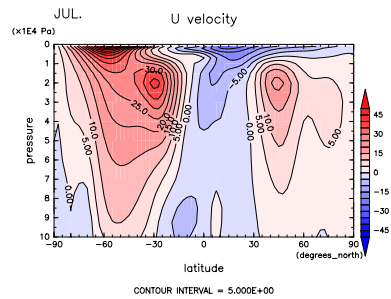


Figure 225: U at Jul. by ECMWF

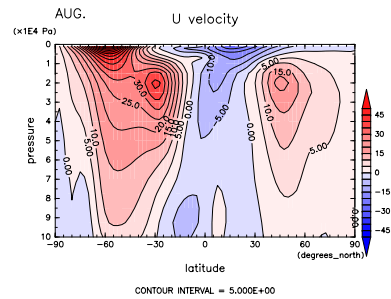


Figure 228: U at Aug. by ECMWF

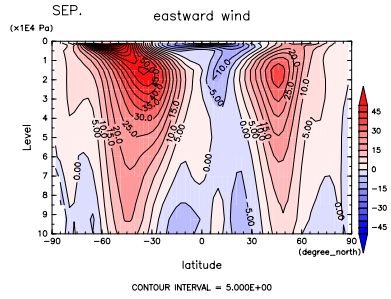


Figure 229: U at Sep. by dpam

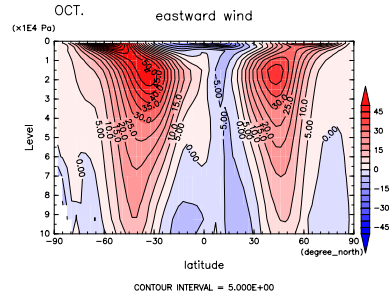


Figure 232: U at Oct. by dpam

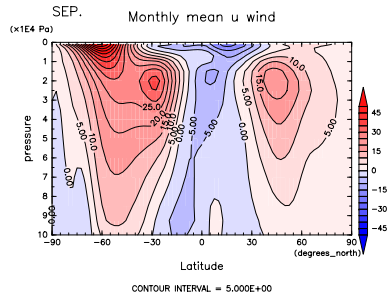


Figure 230: U at Sep. by NCEP

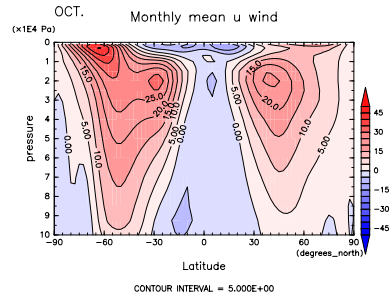


Figure 233: U at Oct. by NCEP

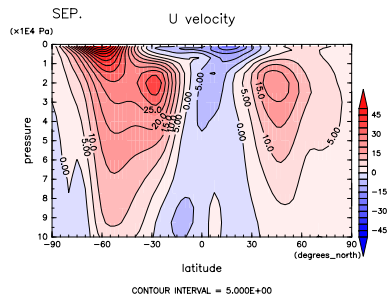


Figure 231: U at Sep. by ECMWF

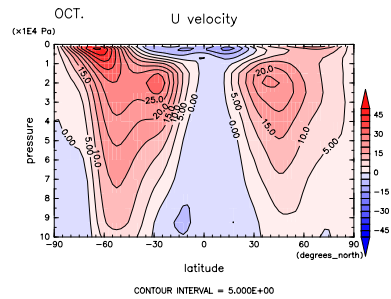


Figure 234: U at Oct. by ECMWF

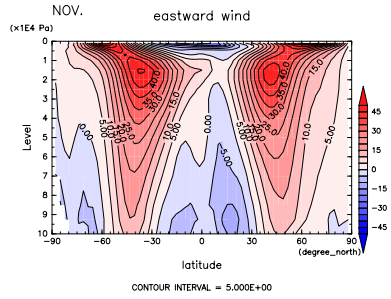


Figure 235: U at Nov. by depam

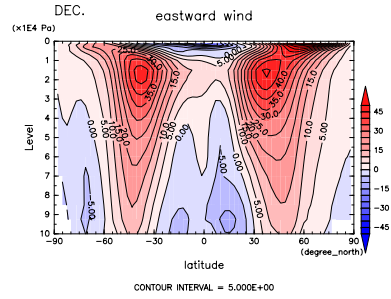


Figure 238: U at Dec. by depam

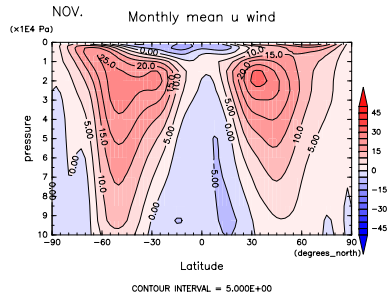


Figure 236: U at Nov. by NCEP

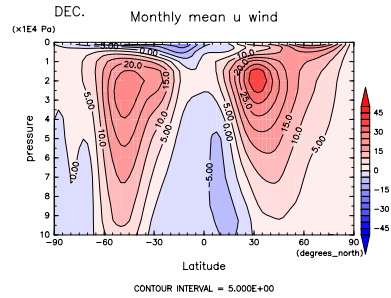


Figure 239: U at Dec. by NCEP

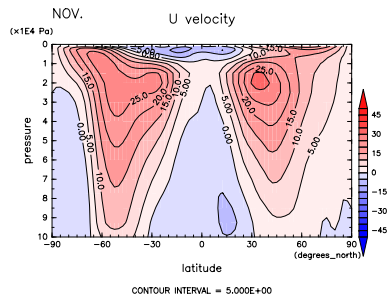


Figure 237: U at Nov. by ECMWF

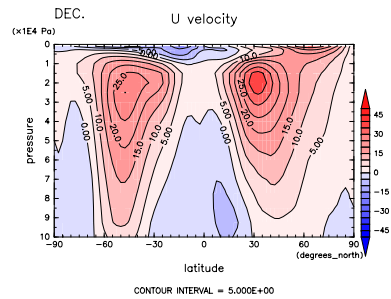


Figure 240: U at Dec. by ECMWF

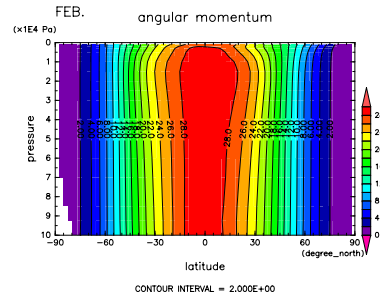
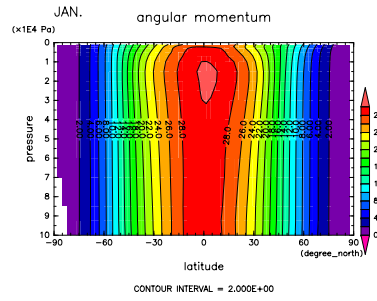


Figure 241: ANGMOM at Jan. by dcpan Figure 244: ANGMOM at Feb. by dcpan

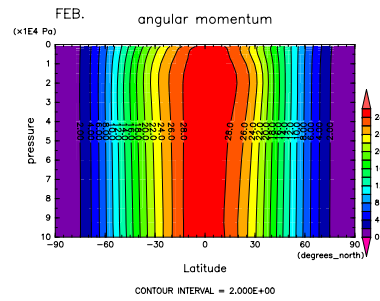
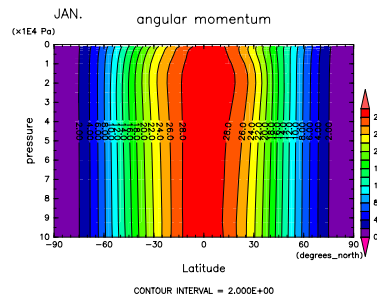


Figure 242: ANGMOM at Jan. by NCEP Figure 245: ANGMOM at Feb. by NCEP

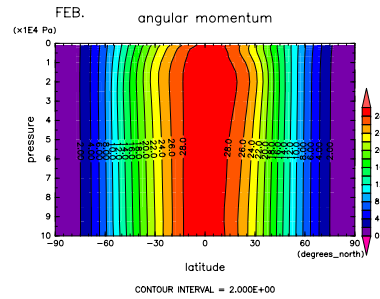
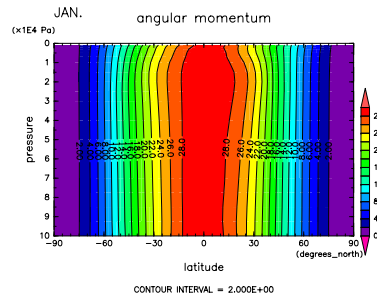


Figure 243: ANGMOM at Jan. by ECMWF Figure 246: ANGMOM at Feb. by ECMWF

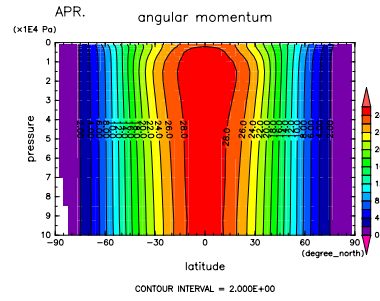
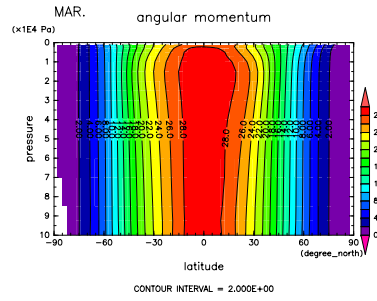


Figure 247: ANGMOM at Mar. by dcpan Figure 250: ANGMOM at Apr. by dcpan

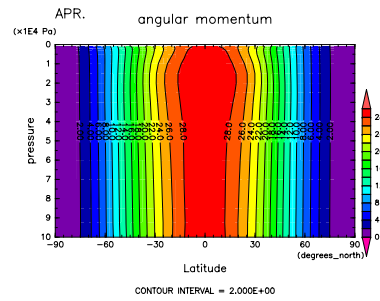
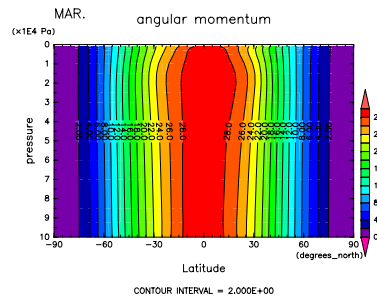


Figure 248: ANGMOM at Mar. by NCEP Figure 251: ANGMOM at Apr. by NCEP

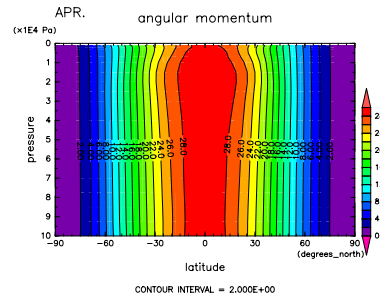
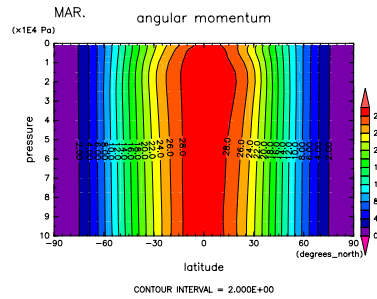


Figure 249: ANGMOM at Mar. by ECMWF Figure 252: ANGMOM at Apr. by ECMWF

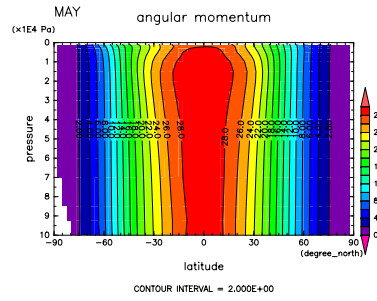


Figure 253: ANGMOM at May by dcpam

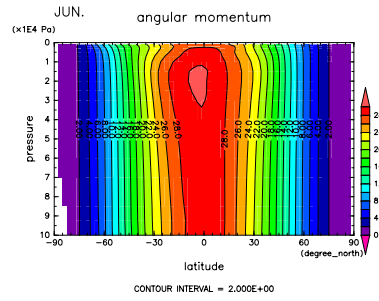


Figure 256: ANGMOM at Jun. by dcpam

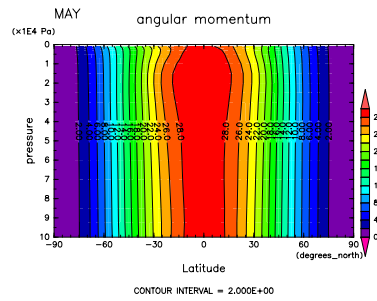


Figure 254: ANGMOM at May by NCEP

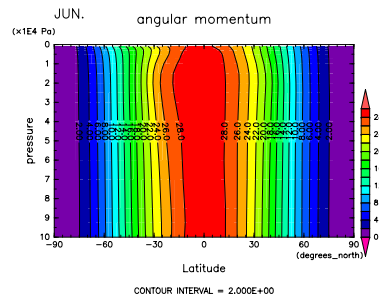


Figure 257: ANGMOM at Jun. by NCEP

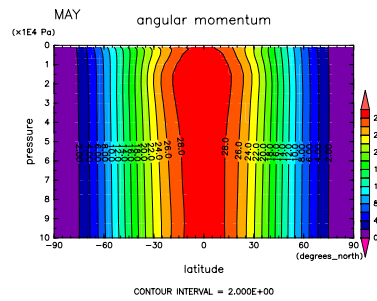


Figure 255: ANGMOM at May by ECMWF

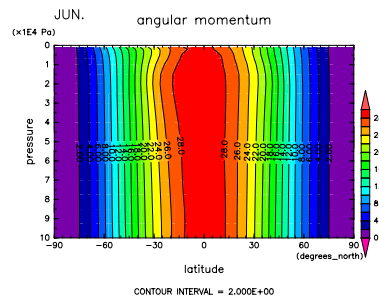


Figure 258: ANGMOM at Jun. by ECMWF

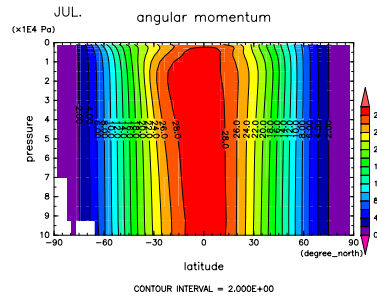


Figure 259: ANGMOM at Jul. by dc-pam

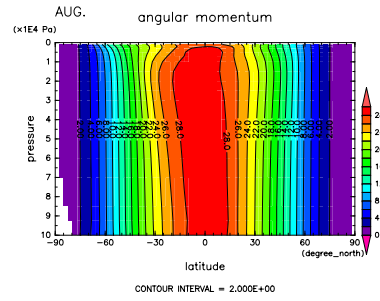


Figure 262: ANGMOM at Aug. by dc-pam

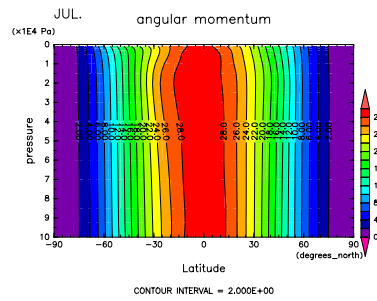


Figure 260: ANGMOM at Jul. by NCEP

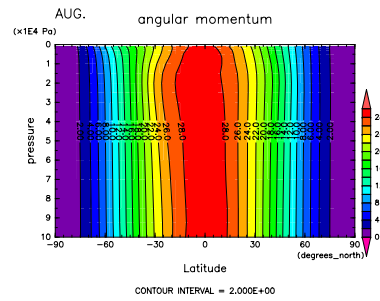


Figure 263: ANGMOM at Aug. by NCEP

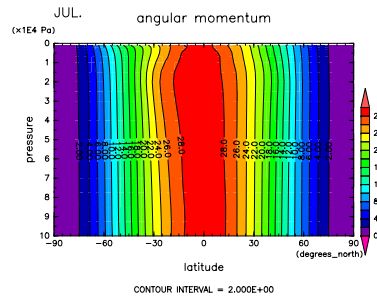


Figure 261: ANGMOM at Jul. by ECMWF

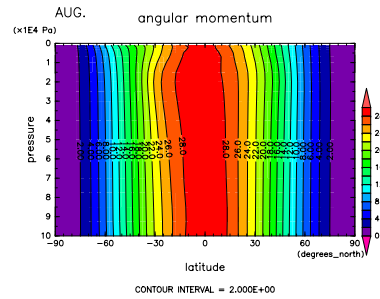


Figure 264: ANGMOM at Aug. by ECMWF

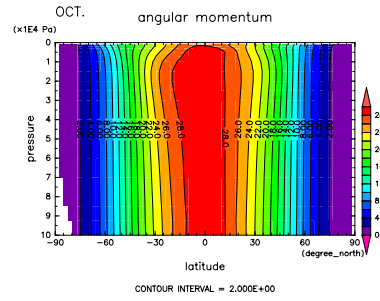
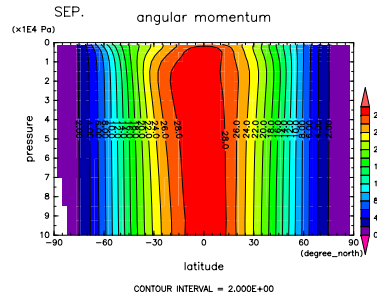


Figure 265: ANGMOM at Sep. by dcpan Figure 268: ANGMOM at Oct. by dcpan

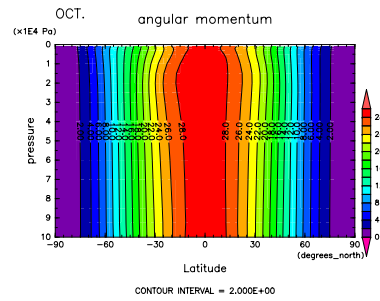
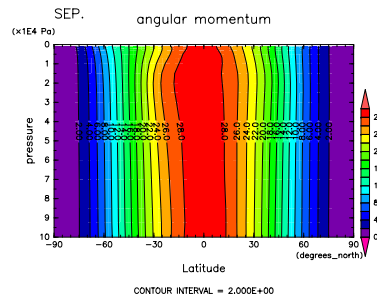


Figure 266: ANGMOM at Sep. by NCEP Figure 269: ANGMOM at Oct. by NCEP

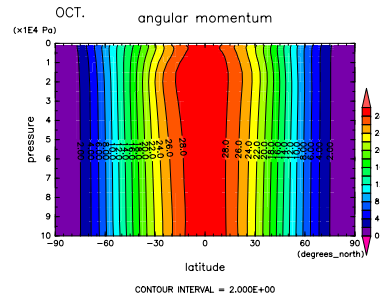
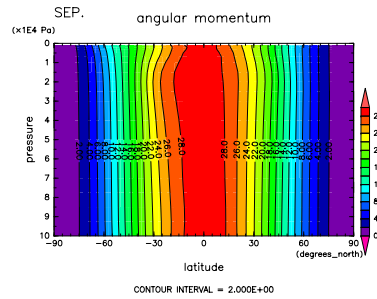


Figure 267: ANGMOM at Sep. by ECMWF Figure 270: ANGMOM at Oct. by ECMWF

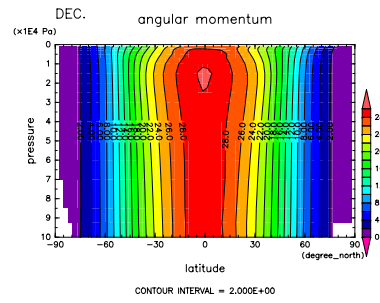
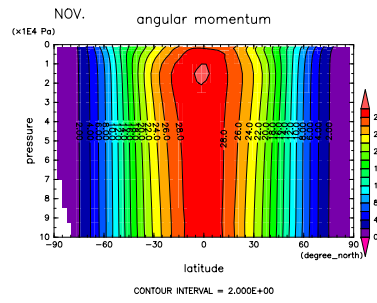


Figure 271: ANGMOM at Nov. by dpam Figure 274: ANGMOM at Dec. by dpam

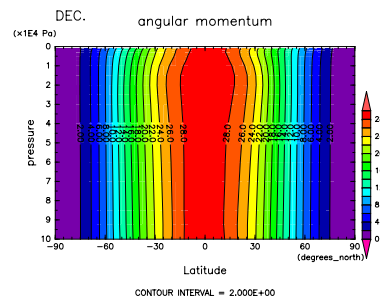
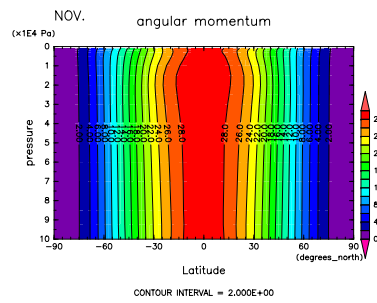


Figure 272: ANGMOM at Nov. by NCEP Figure 275: ANGMOM at Dec. by NCEP

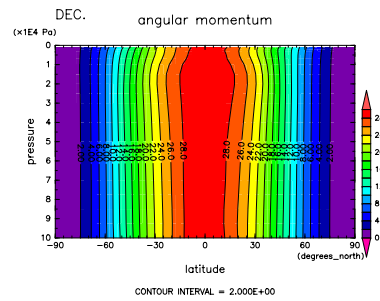
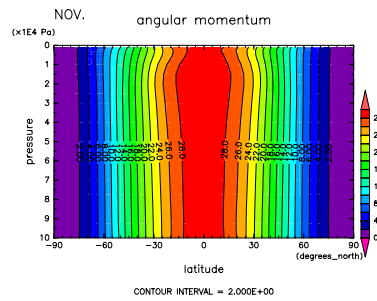


Figure 273: ANGMOM at Nov. by ECMWF Figure 276: ANGMOM at Dec. by ECMWF

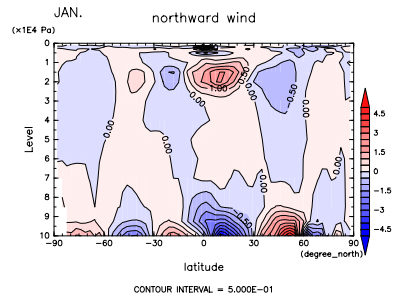


Figure 277: V at Jan. by dpam

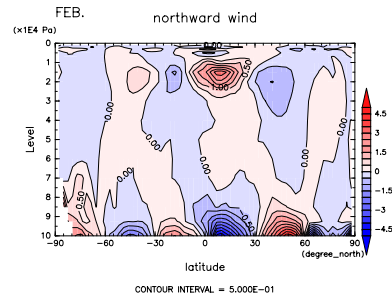


Figure 280: V at Feb. by dpam

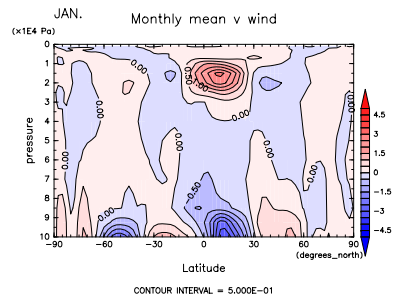


Figure 278: V at Jan. by NCEP

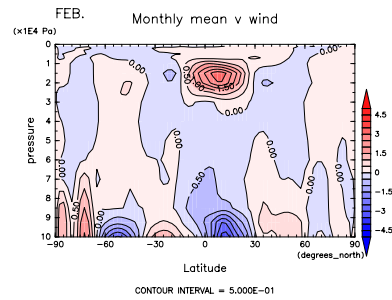


Figure 281: V at Feb. by NCEP

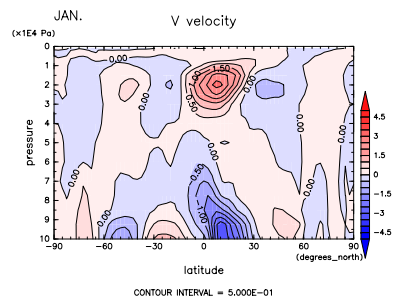


Figure 279: V at Jan. by ECMWF

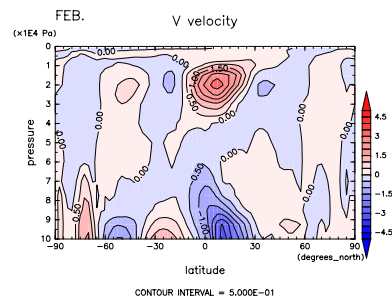


Figure 282: V at Feb. by ECMWF

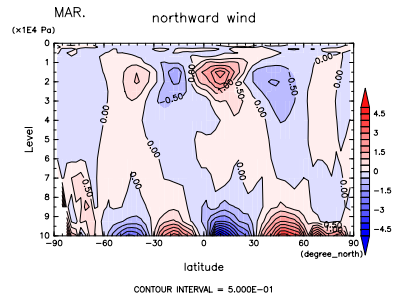


Figure 283: V at Mar. by dcpam

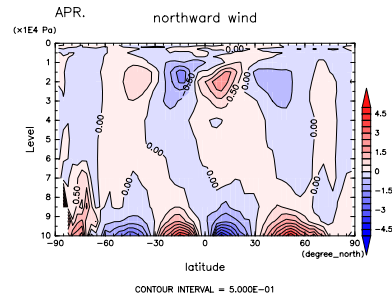


Figure 286: V at Apr. by dcpam

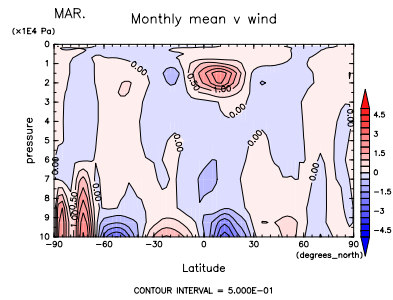


Figure 284: V at Mar. by NCEP

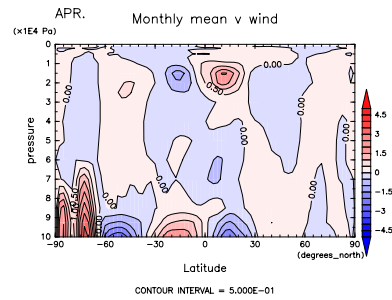


Figure 287: V at Apr. by NCEP

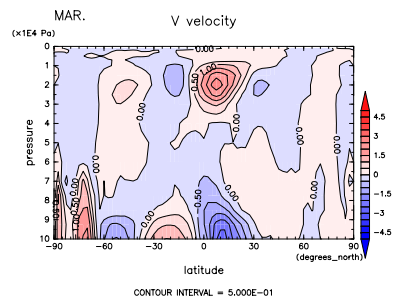


Figure 285: V at Mar. by ECMWF

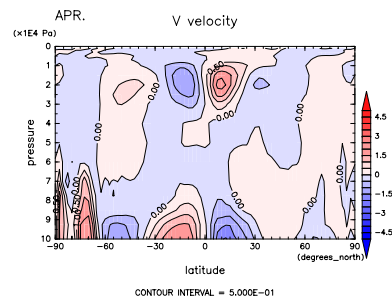


Figure 288: V at Apr. by ECMWF

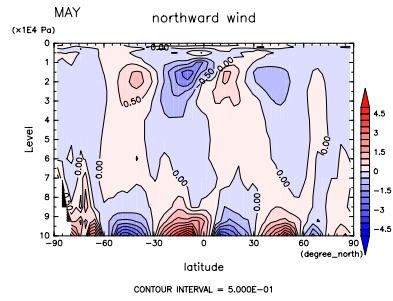


Figure 289: V at May by dcpam

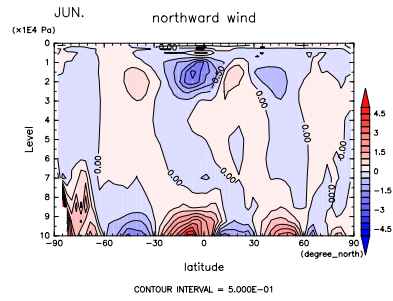


Figure 292: V at Jun. by dcpam

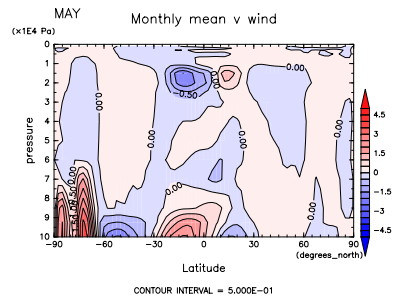


Figure 290: V at May by NCEP

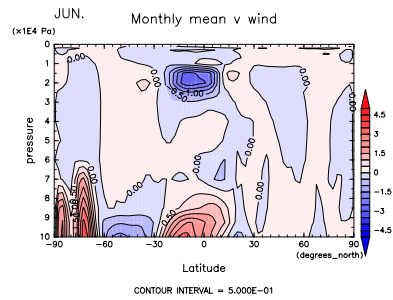


Figure 293: V at Jun. by NCEP

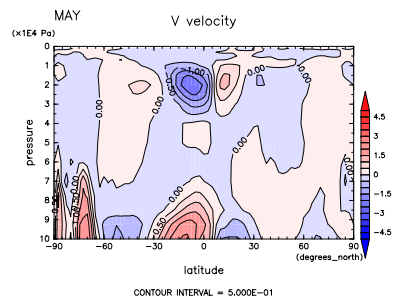


Figure 291: V at May by ECMWF

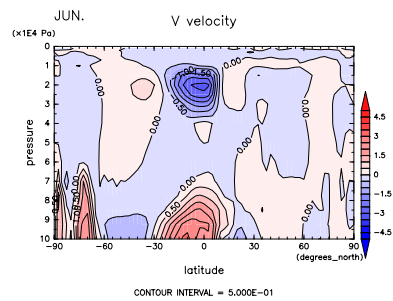


Figure 294: V at Jun. by ECMWF

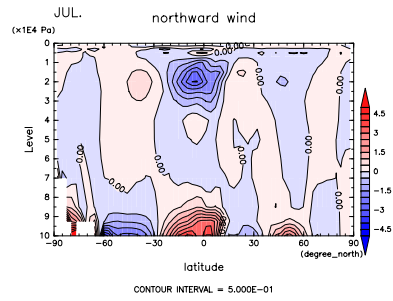


Figure 295: V at Jul. by dcpam

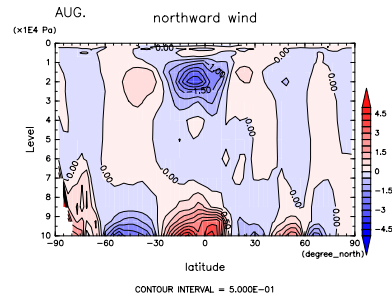


Figure 298: V at Aug. by dcpam

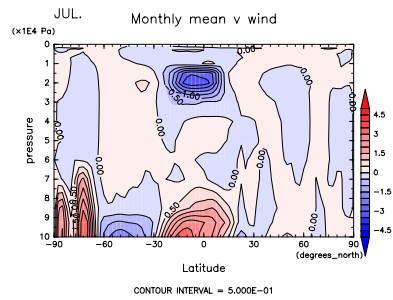


Figure 296: V at Jul. by NCEP

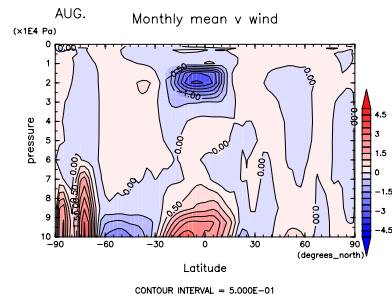


Figure 299: V at Aug. by NCEP

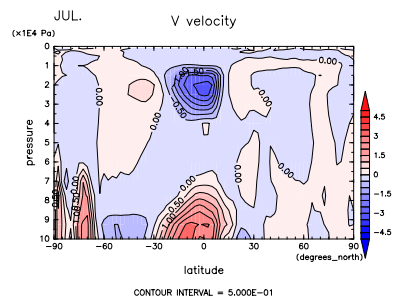


Figure 297: V at Jul. by ECMWF

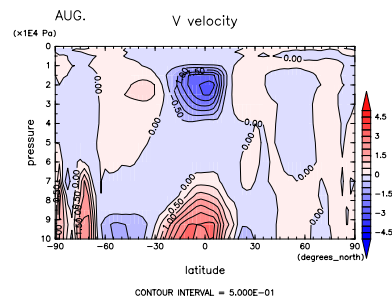


Figure 300: V at Aug. by ECMWF

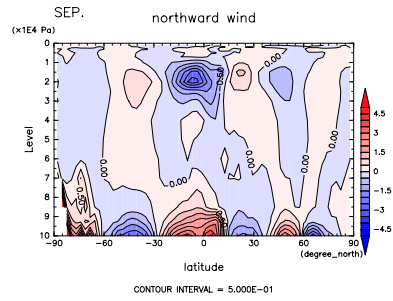


Figure 301: V at Sep. by dpam

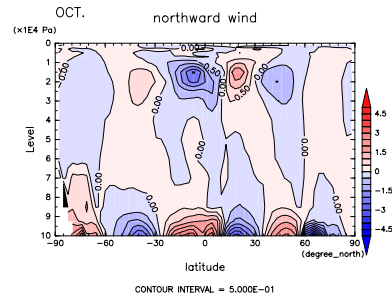


Figure 304: V at Oct. by dpam

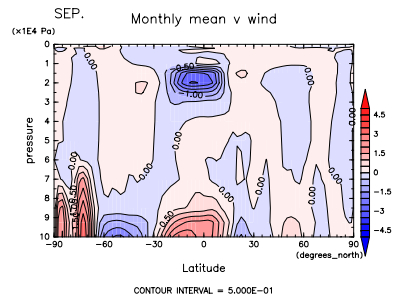


Figure 302: V at Sep. by NCEP

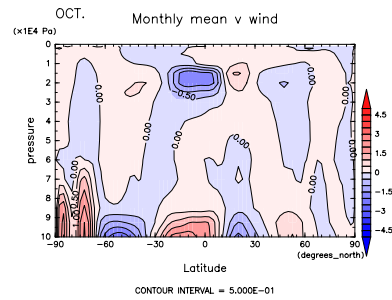


Figure 305: V at Oct. by NCEP

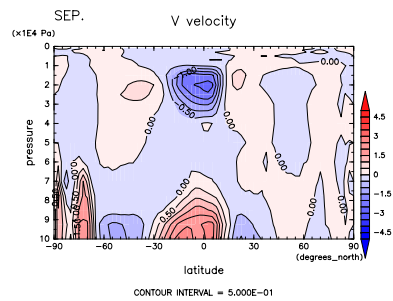


Figure 303: V at Sep. by ECMWF

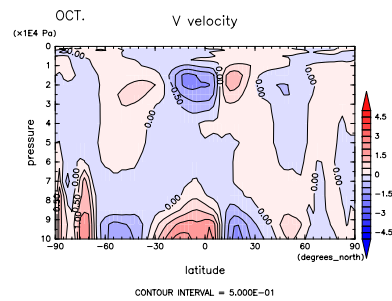


Figure 306: V at Oct. by ECMWF

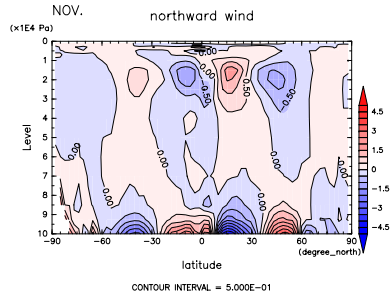


Figure 307: V at Nov. by depam

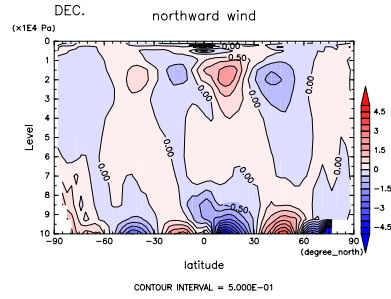


Figure 310: V at Dec. by depam

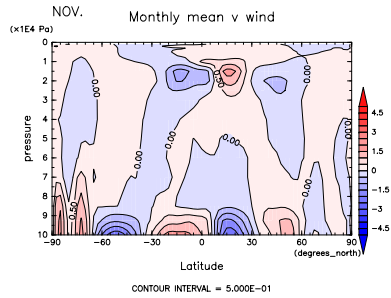


Figure 308: V at Nov. by NCEP

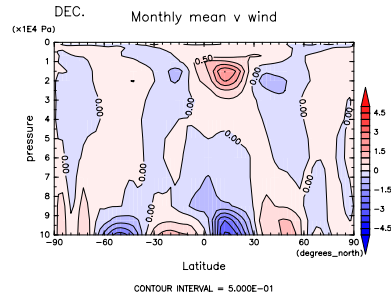


Figure 311: V at Dec. by NCEP

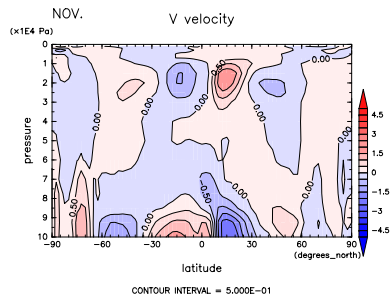


Figure 309: V at Nov. by ECMWF

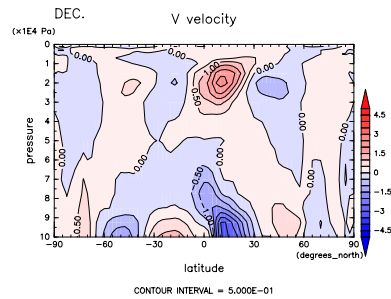


Figure 312: V at Dec. by ECMWF

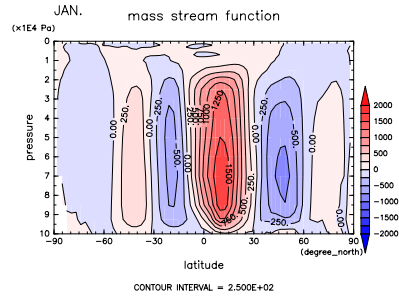


Figure 313: MSF at Jan. by depam

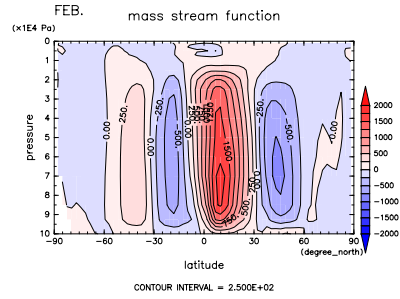


Figure 316: MSF at Feb. by depam

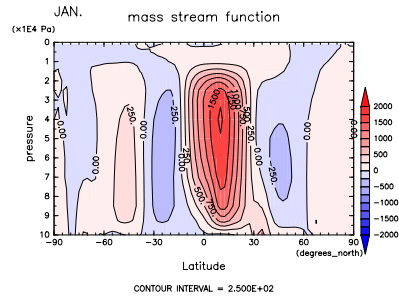


Figure 314: MSF at Jan. by NCEP

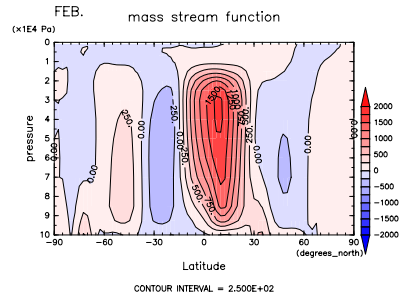


Figure 317: MSF at Feb. by NCEP

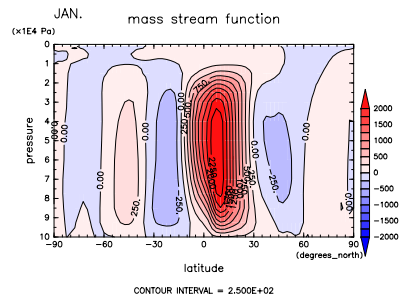


Figure 315: MSF at Jan. by ECMWF

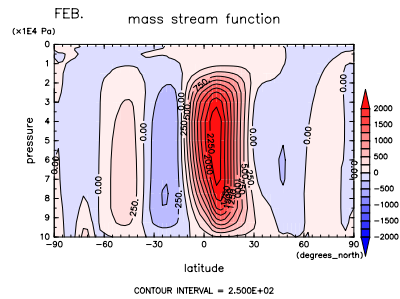


Figure 318: MSF at Feb. by ECMWF

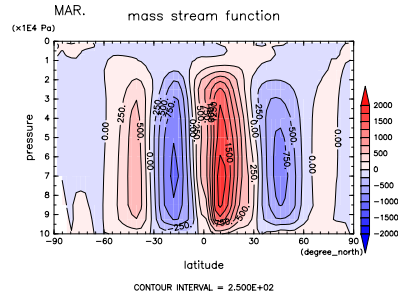


Figure 319: MSF at Mar. by dcpam

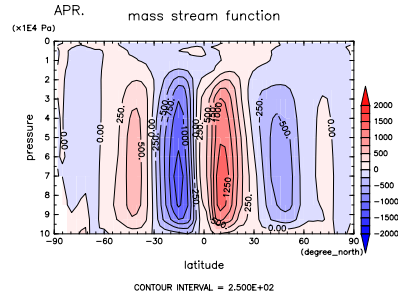


Figure 322: MSF at Apr. by dcpam

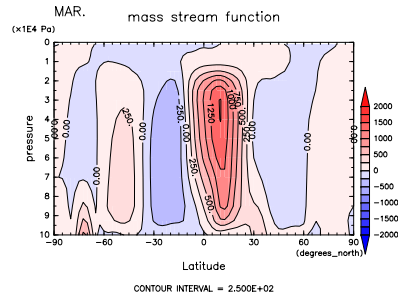


Figure 320: MSF at Mar. by NCEP

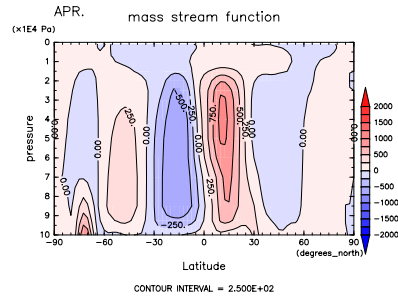


Figure 323: MSF at Apr. by NCEP

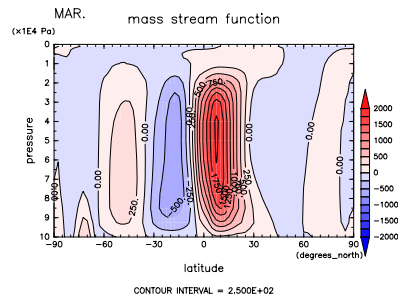


Figure 321: MSF at Mar. by ECMWF

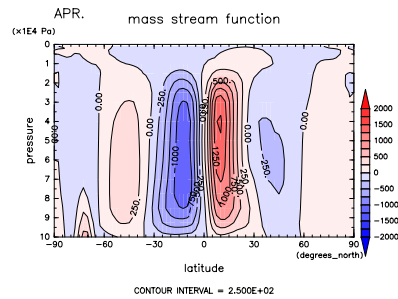


Figure 324: MSF at Apr. by ECMWF

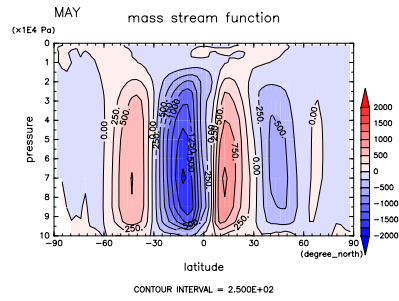


Figure 325: MSF at May by depam

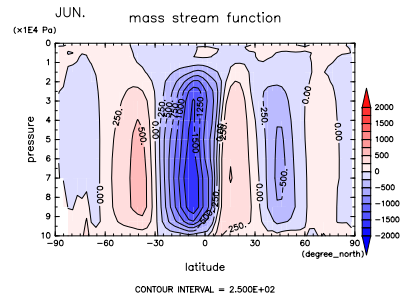


Figure 328: MSF at Jun. by depam

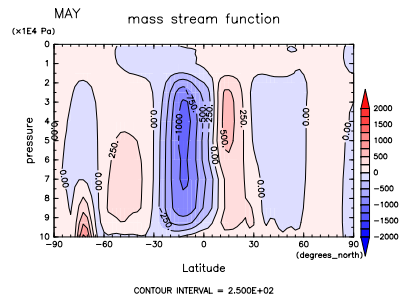


Figure 326: MSF at May by NCEP

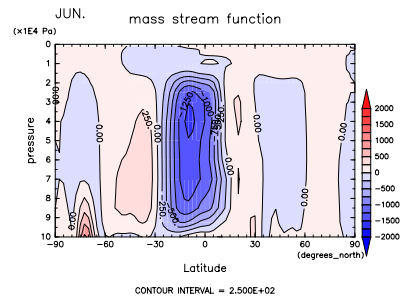


Figure 329: MSF at Jun. by NCEP

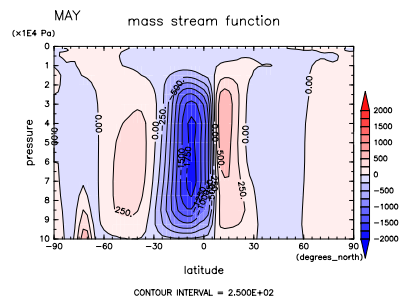


Figure 327: MSF at May by ECMWF

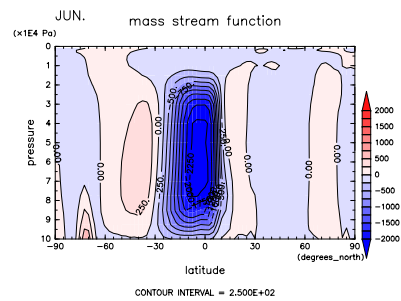


Figure 330: MSF at Jun. by ECMWF

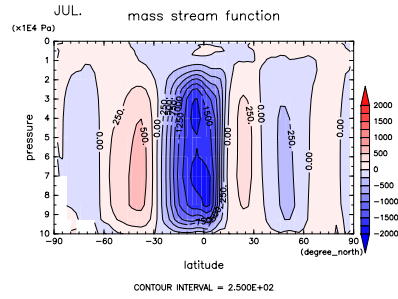


Figure 331: MSF at Jul. by dcpam

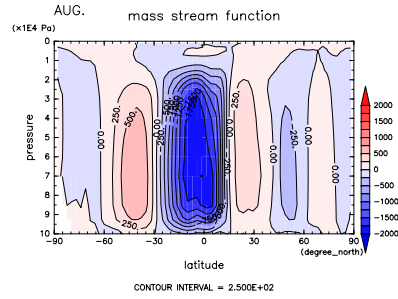


Figure 334: MSF at Aug. by dcpam

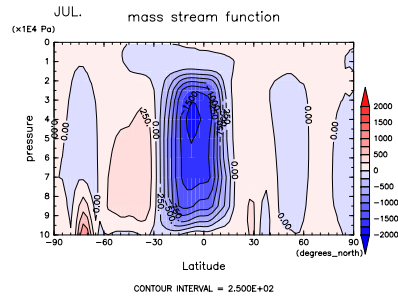


Figure 332: MSF at Jul. by NCEP

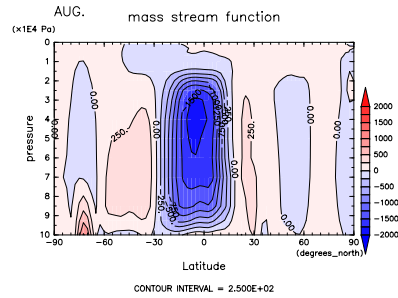


Figure 335: MSF at Aug. by NCEP

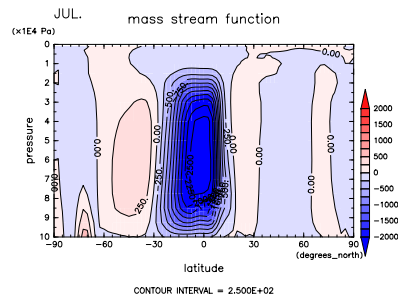


Figure 333: MSF at Jul. by ECMWF

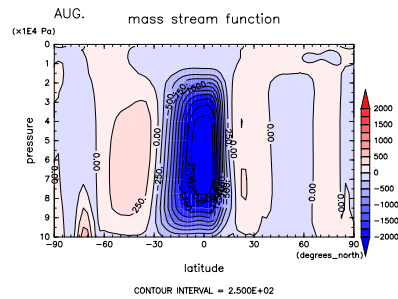


Figure 336: MSF at Aug. by ECMWF

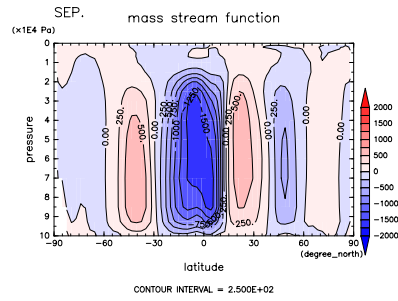


Figure 337: MSF at Sep. by depam

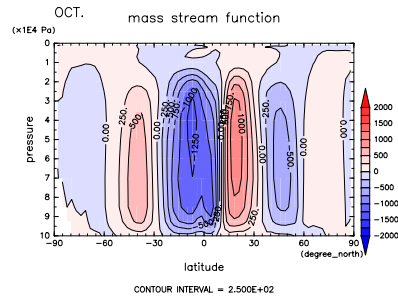


Figure 340: MSF at Oct. by depam

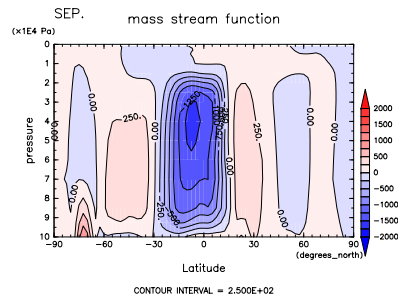


Figure 338: MSF at Sep. by NCEP

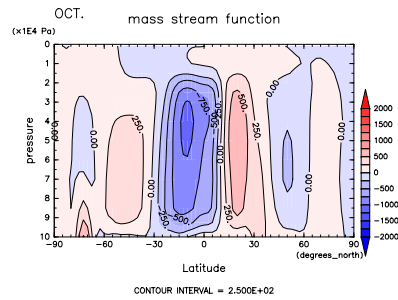


Figure 341: MSF at Oct. by NCEP

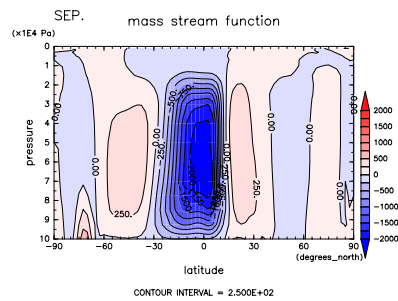


Figure 339: MSF at Sep. by ECMWF

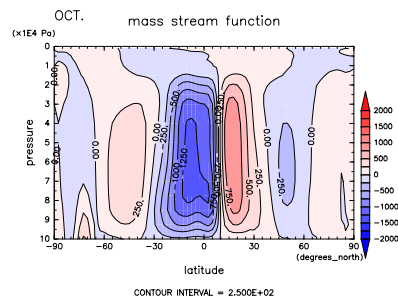


Figure 342: MSF at Oct. by ECMWF

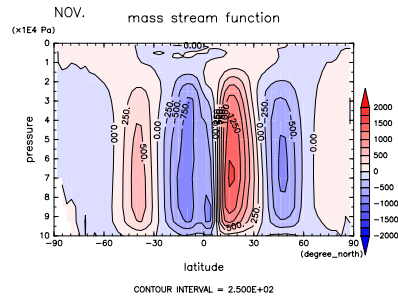


Figure 343: MSF at Nov. by dcpam

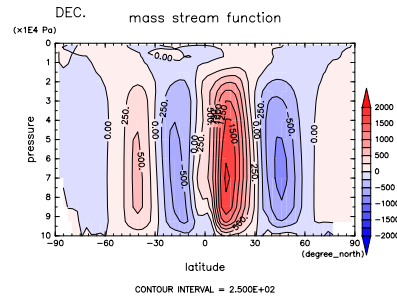


Figure 346: MSF at Dec. by dcpam

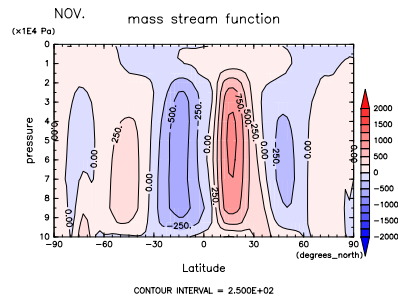


Figure 344: MSF at Nov. by NCEP

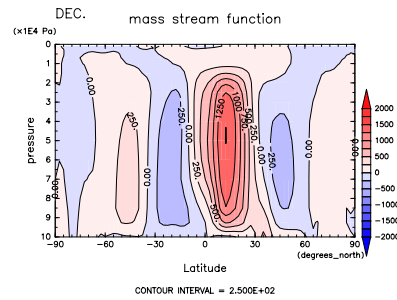


Figure 347: MSF at Dec. by NCEP

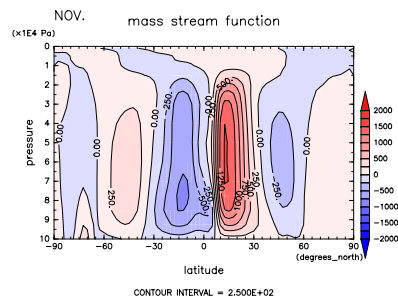


Figure 345: MSF at Nov. by ECMWF

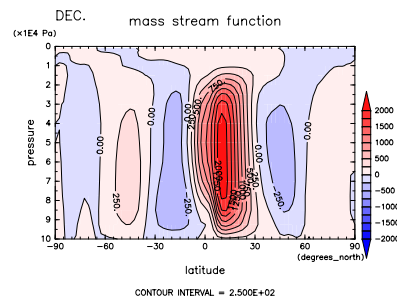


Figure 348: MSF at Dec. by ECMWF

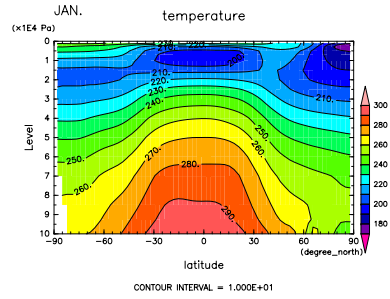


Figure 349: T at Jan. by dcpan

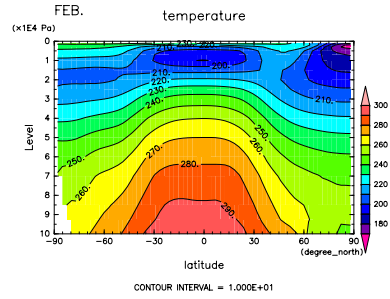


Figure 352: T at Feb. by dcpan

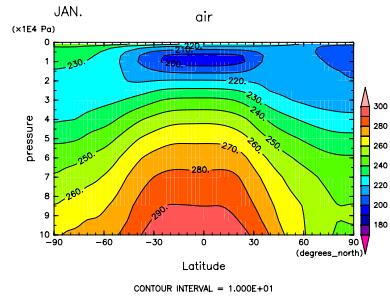


Figure 350: T at Jan. by NCEP

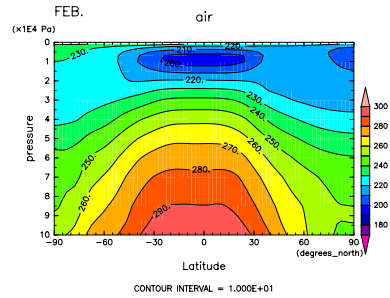


Figure 353: T at Feb. by NCEP

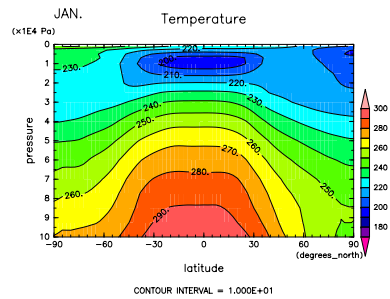


Figure 351: T at Jan. by ECMWF

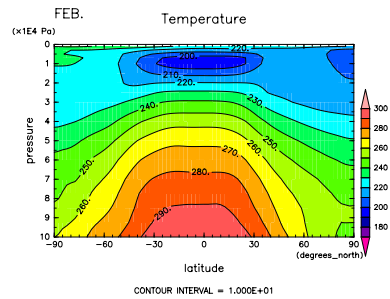


Figure 354: T at Feb. by ECMWF

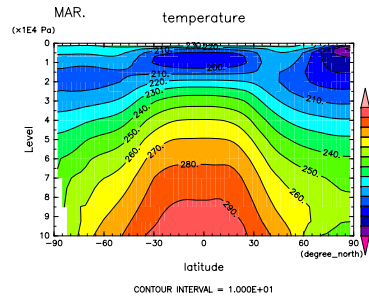


Figure 355: T at Mar. by dcpam

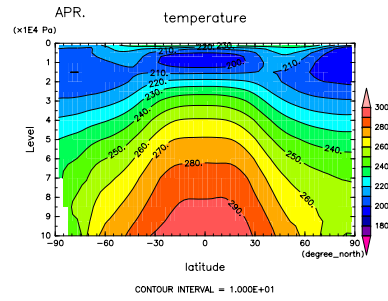


Figure 358: T at Apr. by dcpam

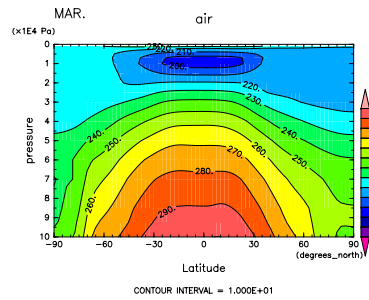


Figure 356: T at Mar. by NCEP

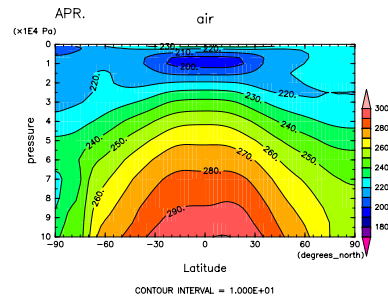


Figure 359: T at Apr. by NCEP

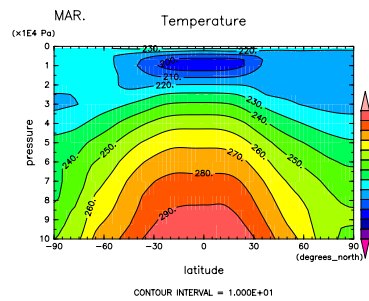


Figure 357: T at Mar. by ECMWF

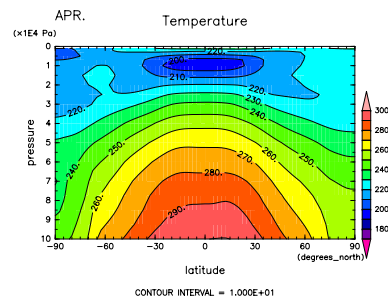


Figure 360: T at Apr. by ECMWF

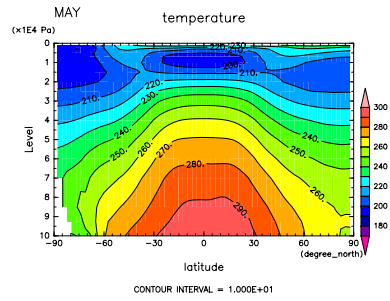


Figure 361: T at May by dcpan

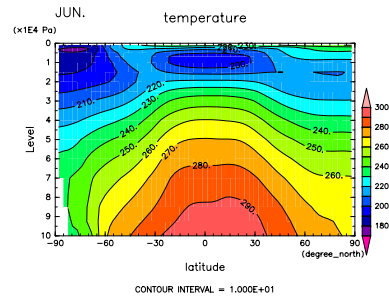


Figure 364: T at Jun. by dcpan

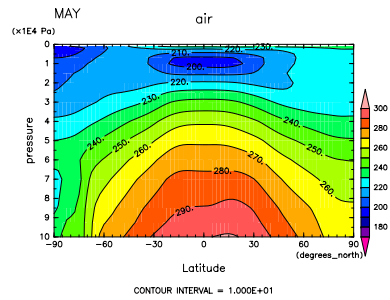


Figure 362: T at May by NCEP

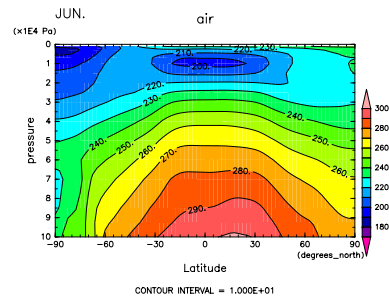


Figure 365: T at Jun. by NCEP

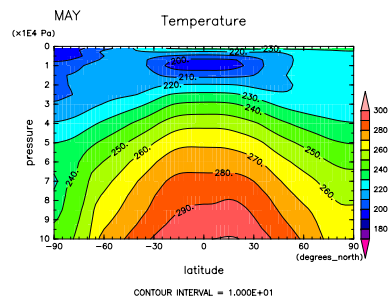


Figure 363: T at May by ECMWF

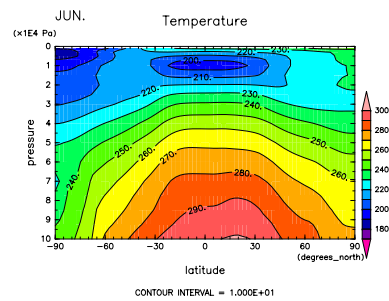


Figure 366: T at Jun. by ECMWF

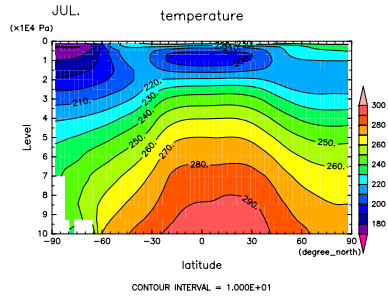


Figure 367: T at Jul. by dcpam

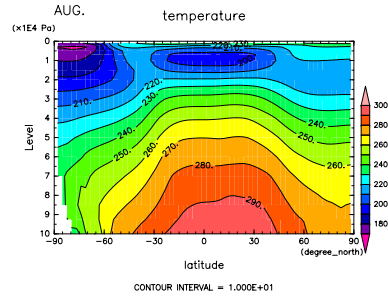


Figure 370: T at Aug. by dcpam

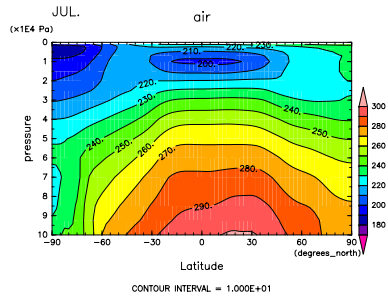


Figure 368: T at Jul. by NCEP

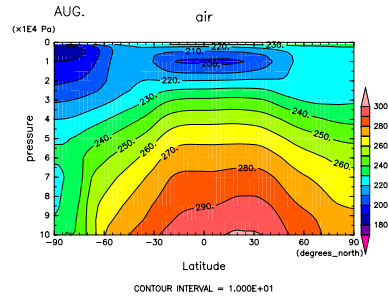


Figure 371: T at Aug. by NCEP

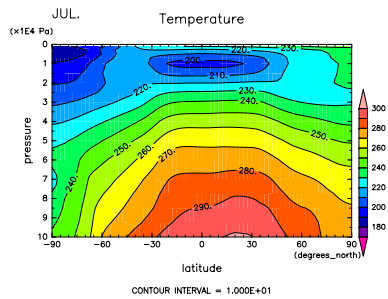


Figure 369: T at Jul. by ECMWF

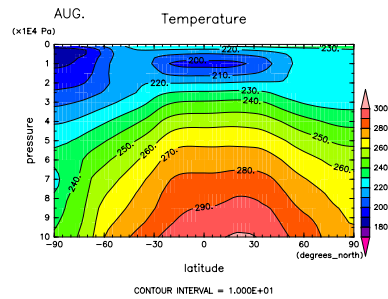


Figure 372: T at Aug. by ECMWF

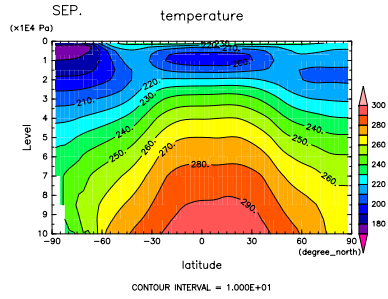


Figure 373: T at Sep. by dcpan

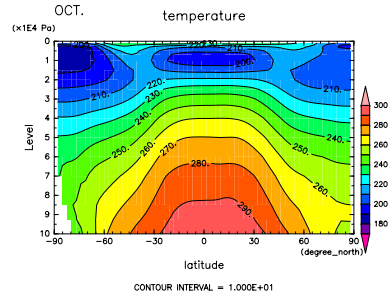


Figure 376: T at Oct. by dcpan

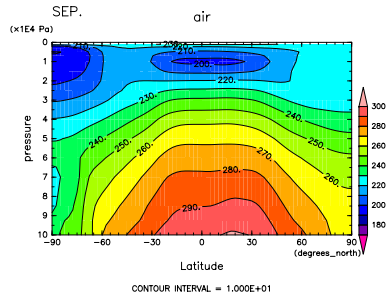


Figure 374: T at Sep. by NCEP

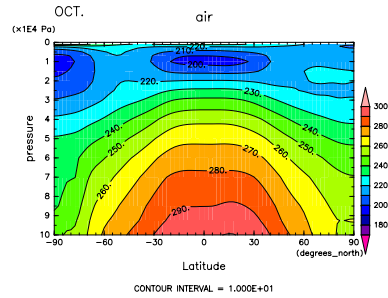


Figure 377: T at Oct. by NCEP

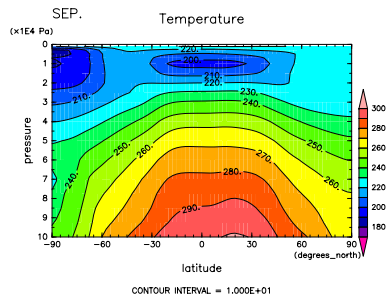


Figure 375: T at Sep. by ECMWF

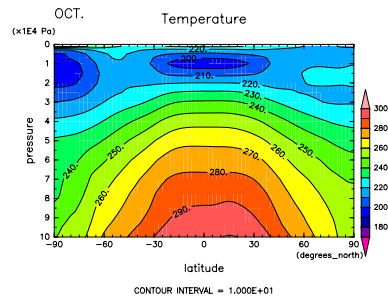


Figure 378: T at Oct. by ECMWF

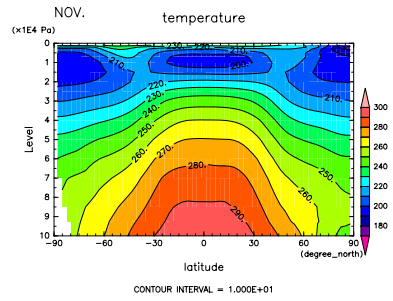


Figure 379: T at Nov. by depam

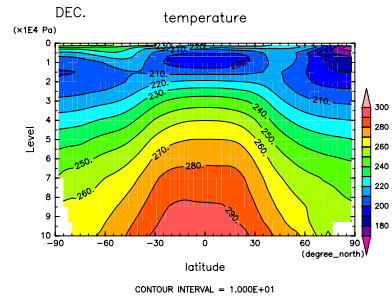


Figure 382: T at Dec. by depam

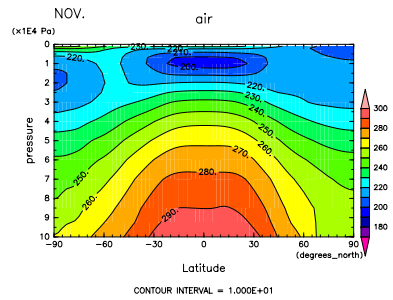


Figure 380: T at Nov. by NCEP

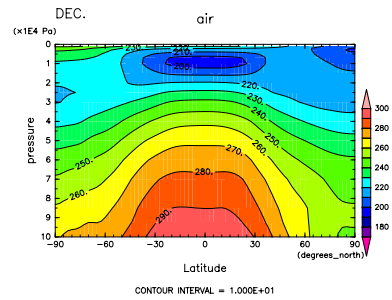


Figure 383: T at Dec. by NCEP

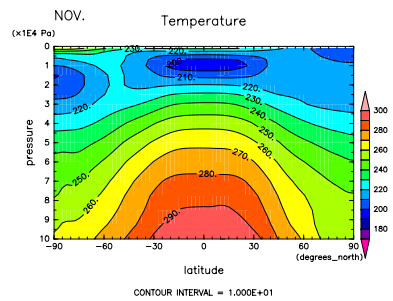


Figure 381: T at Nov. by ECMWF

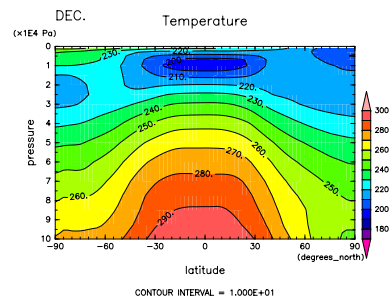


Figure 384: T at Dec. by ECMWF

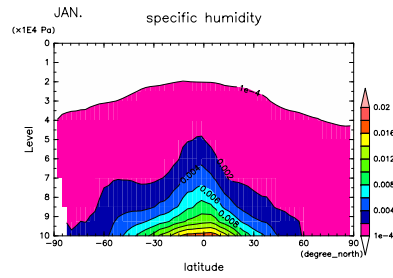


Figure 385: q at Jan. by dcpam

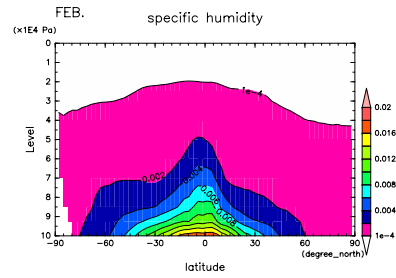


Figure 388: q at Feb. by dcpam

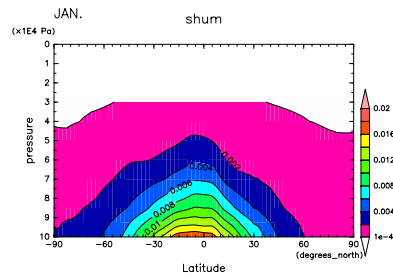


Figure 386: q at Jan. by NCEP

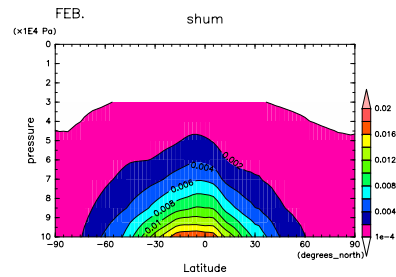


Figure 389: q at Feb. by NCEP

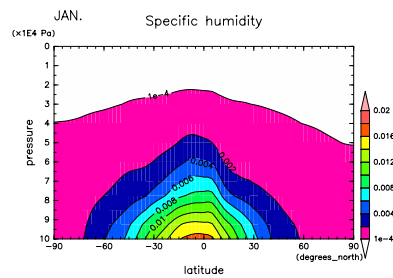


Figure 387: q at Jan. by ECMWF

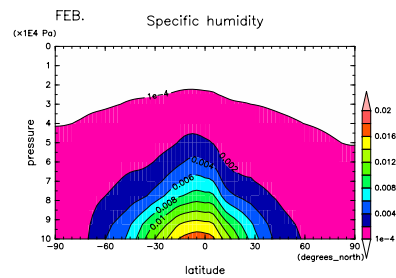


Figure 390: q at Feb. by ECMWF

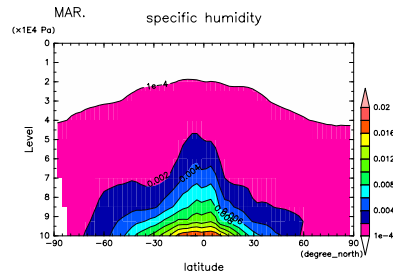


Figure 391: q at Mar. by dcpam

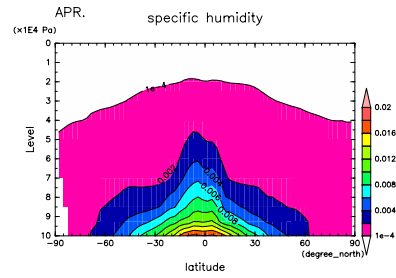


Figure 394: q at Apr. by dcpam

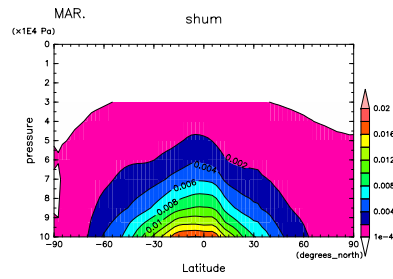


Figure 392: q at Mar. by NCEP

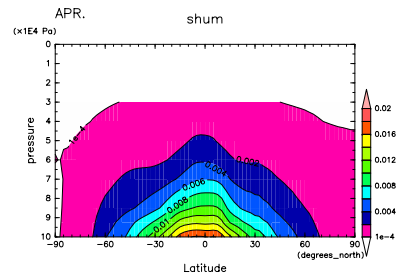


Figure 395: q at Apr. by NCEP

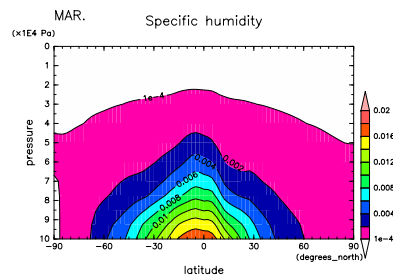


Figure 393: q at Mar. by ECMWF

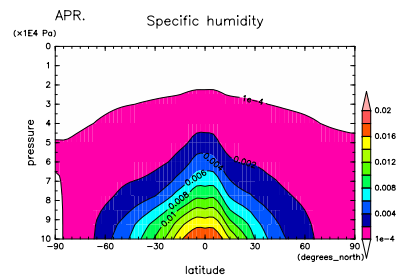


Figure 396: q at Apr. by ECMWF

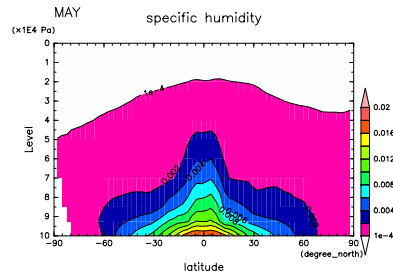


Figure 397: q at May by dcpam

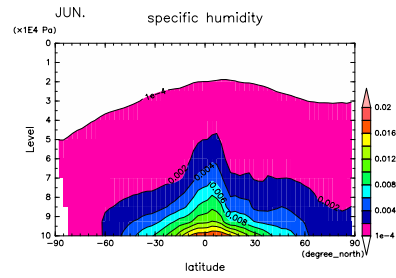


Figure 400: q at Jun. by dcpam

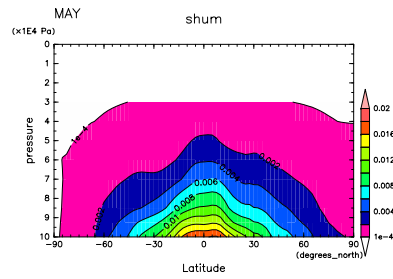


Figure 398: q at May by NCEP

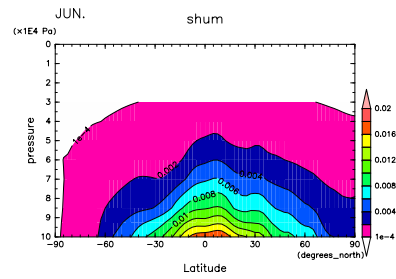


Figure 401: q at Jun. by NCEP

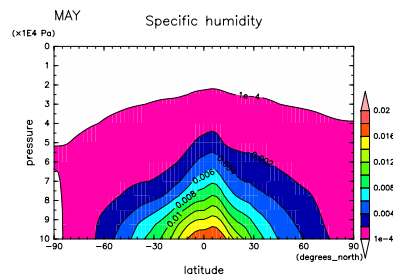


Figure 399: q at May by ECMWF

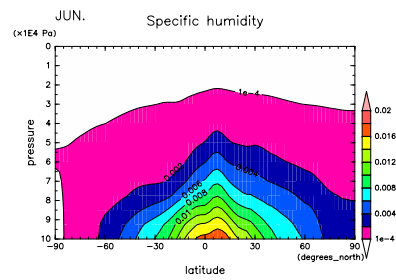


Figure 402: q at Jun. by ECMWF

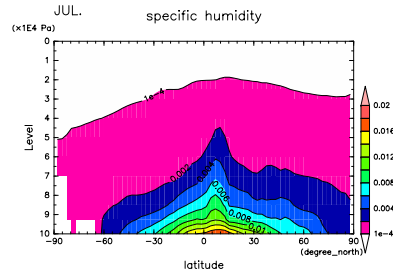


Figure 403: q at Jul. by dcpam

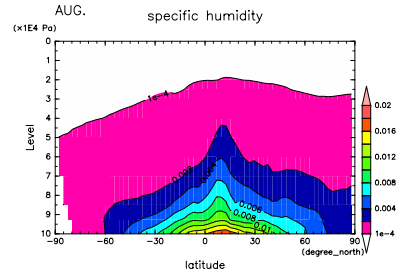


Figure 406: q at Aug. by dcpam

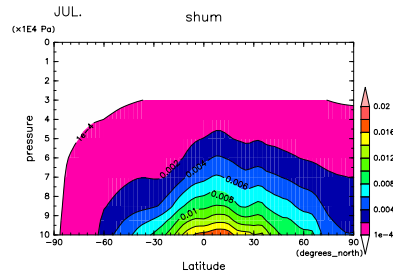


Figure 404: q at Jul. by NCEP

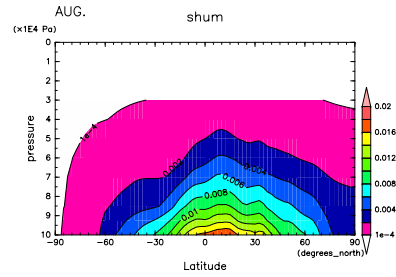


Figure 407: q at Aug. by NCEP

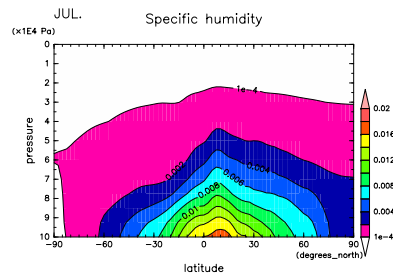


Figure 405: q at Jul. by ECMWF

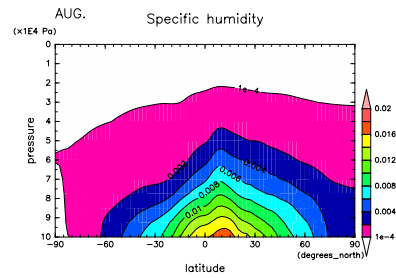


Figure 408: q at Aug. by ECMWF

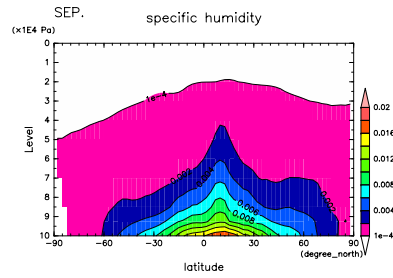


Figure 409: q at Sep. by dcpam

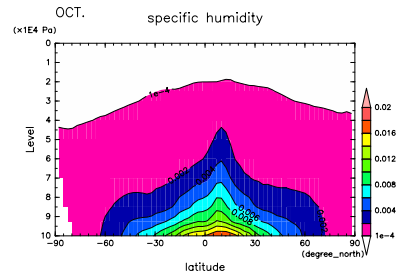


Figure 412: q at Oct. by dcpam

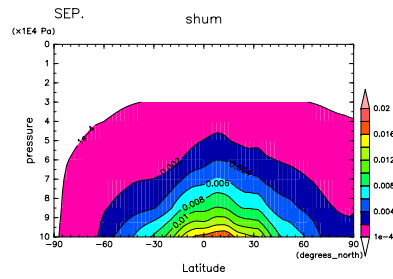


Figure 410: q at Sep. by NCEP

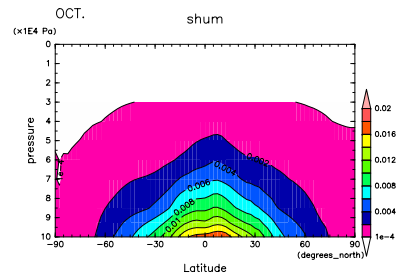


Figure 413: q at Oct. by NCEP

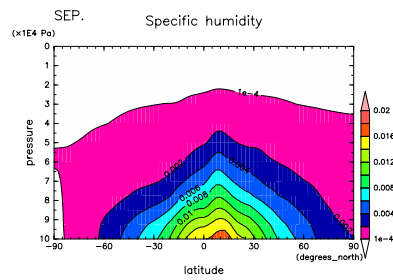


Figure 411: q at Sep. by ECMWF

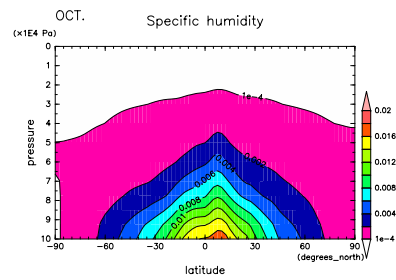


Figure 414: q at Oct. by ECMWF

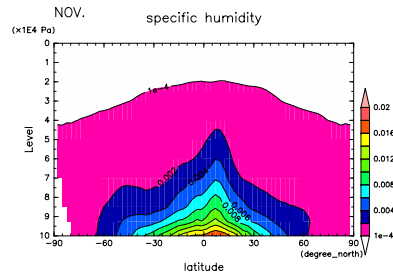


Figure 415: q at Nov. by dcpam

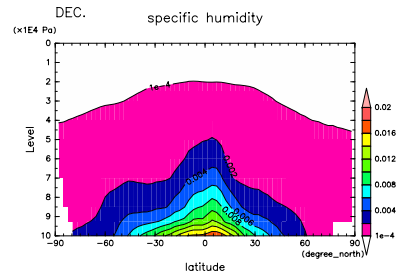


Figure 418: q at Dec. by dcpam

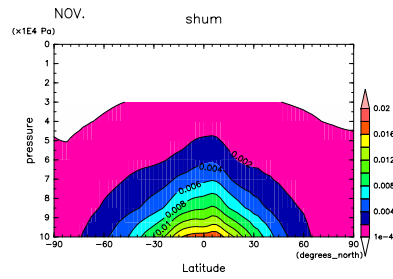


Figure 416: q at Nov. by NCEP

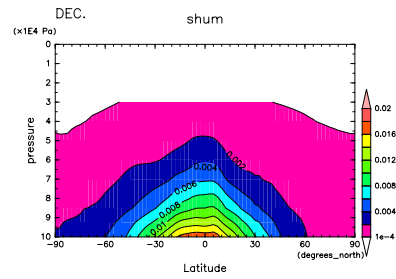


Figure 419: q at Dec. by NCEP

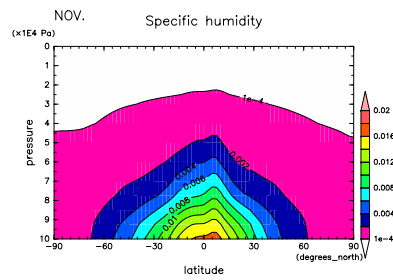


Figure 417: q at Nov. by ECMWF

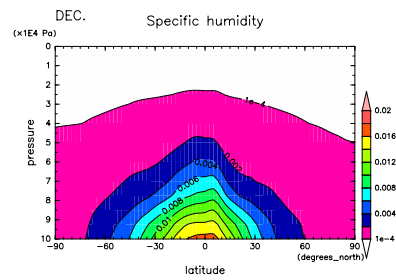


Figure 420: q at Dec. by ECMWF

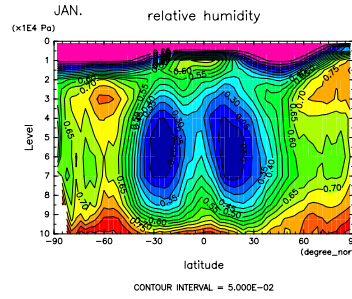


Figure 421: RH at Jan. by dcpam

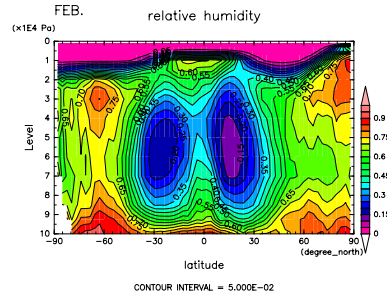


Figure 424: RH at Feb. by dcpam

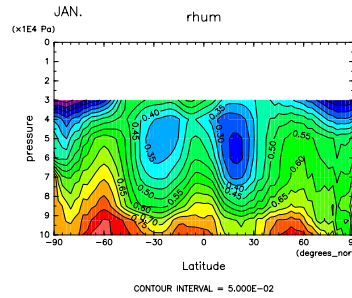


Figure 422: RH at Jan. by NCEP

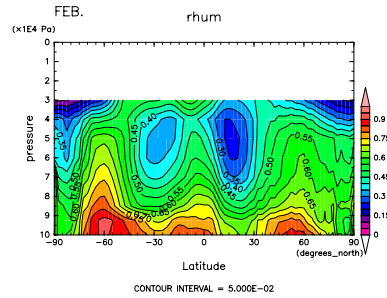


Figure 425: RH at Feb. by NCEP

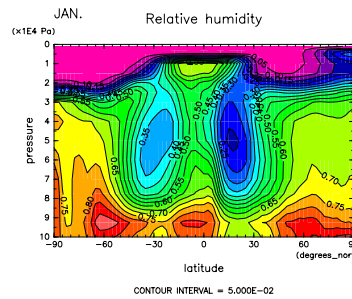


Figure 423: RH at Jan. by ECMWF

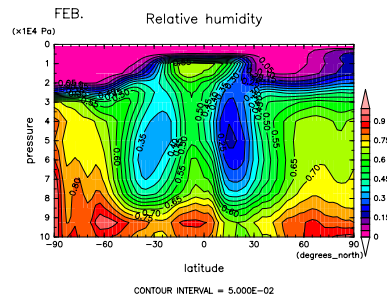


Figure 426: RH at Feb. by ECMWF

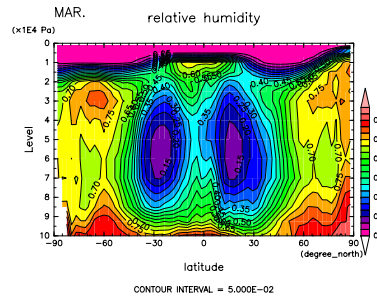


Figure 427: RH at Mar. by dcpam

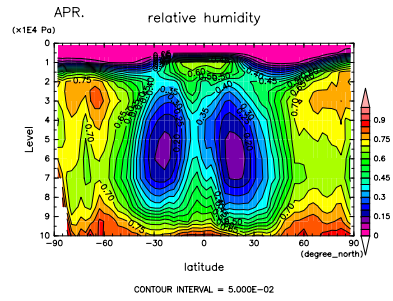


Figure 430: RH at Apr. by dcpam

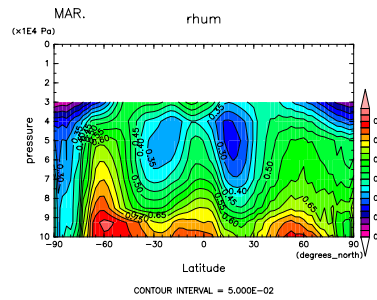


Figure 428: RH at Mar. by NCEP

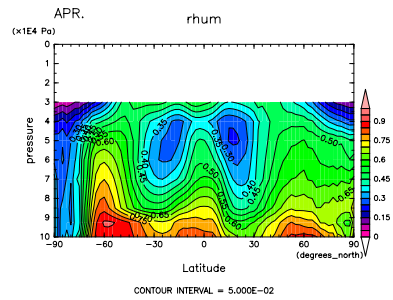


Figure 431: RH at Apr. by NCEP

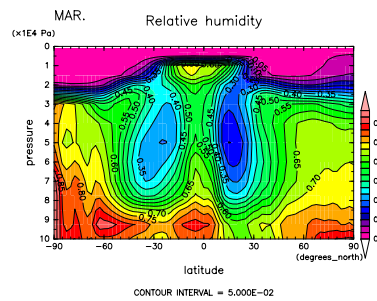


Figure 429: RH at Mar. by ECMWF

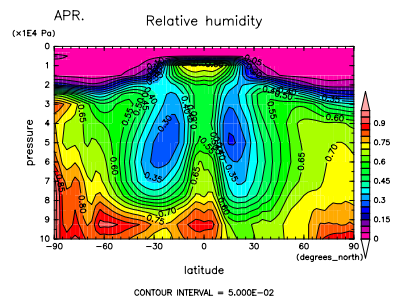


Figure 432: RH at Apr. by ECMWF

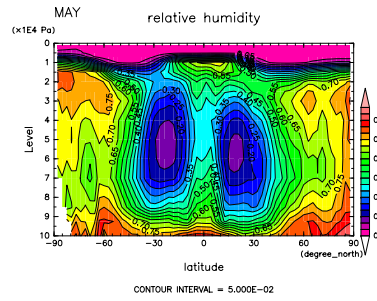


Figure 433: RH at May by dcpam

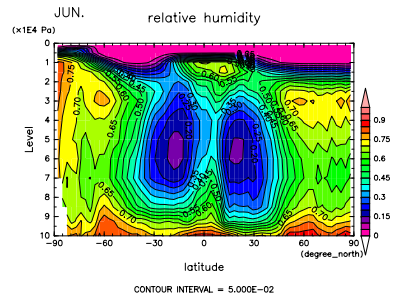


Figure 436: RH at Jun. by dcpam

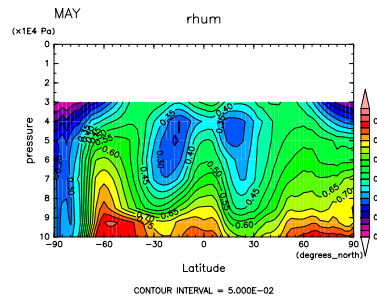


Figure 434: RH at May by NCEP

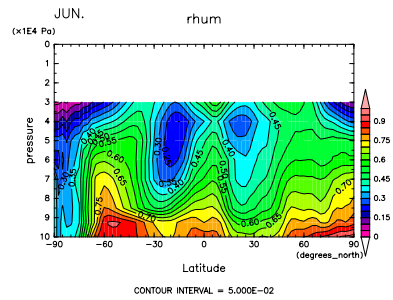


Figure 437: RH at Jun. by NCEP

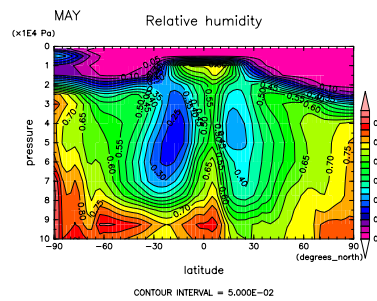


Figure 435: RH at May by ECMWF

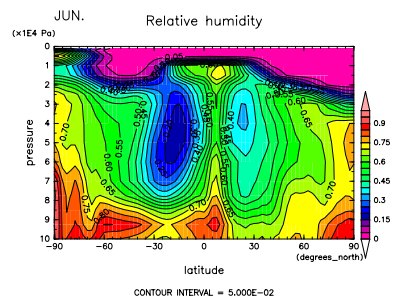


Figure 438: RH at Jun. by ECMWF

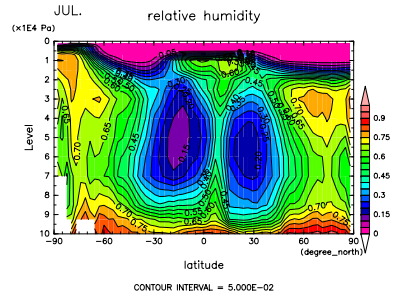


Figure 439: RH at Jul. by dcpam

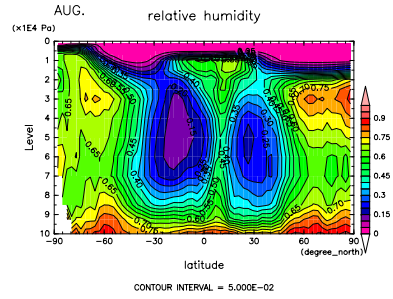


Figure 442: RH at Aug. by dcpam

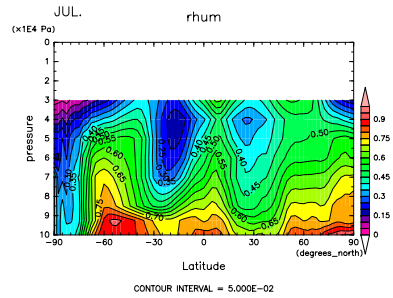


Figure 440: RH at Jul. by NCEP

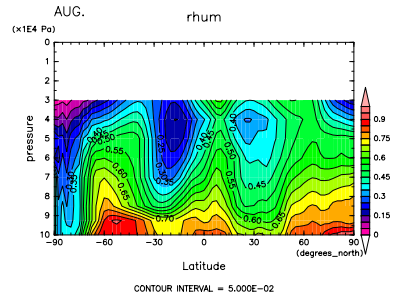


Figure 443: RH at Aug. by NCEP

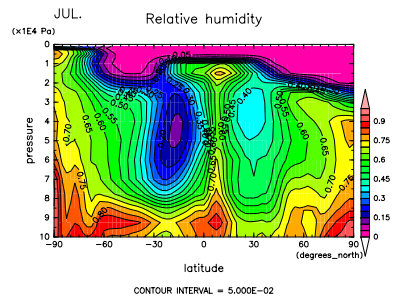


Figure 441: RH at Jul. by ECMWF

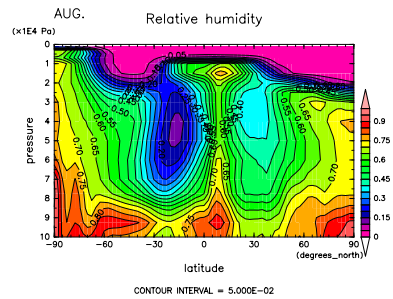


Figure 444: RH at Aug. by ECMWF

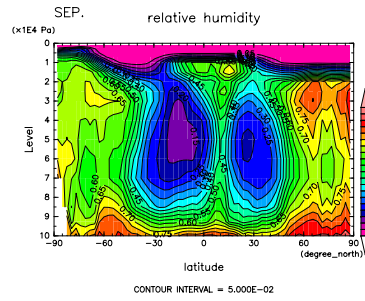


Figure 445: RH at Sep. by dcpam

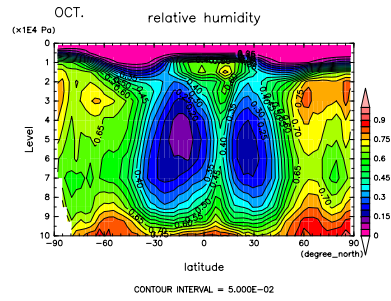


Figure 448: RH at Oct. by dcpam

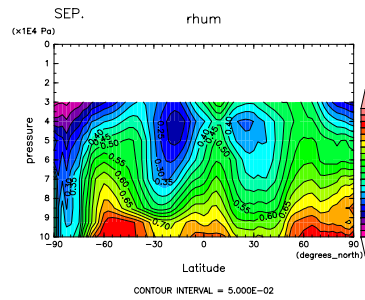


Figure 446: RH at Sep. by NCEP

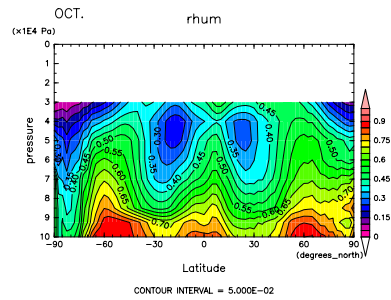


Figure 449: RH at Oct. by NCEP

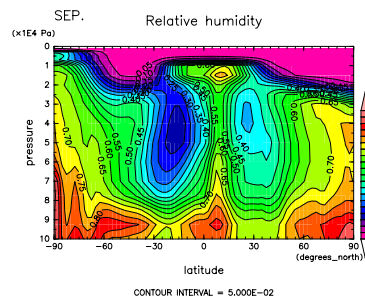


Figure 447: RH at Sep. by ECMWF

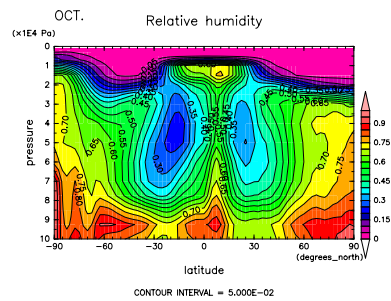


Figure 450: RH at Oct. by ECMWF

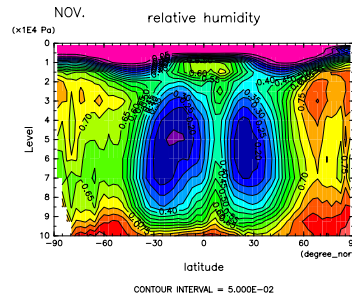


Figure 451: RH at Nov. by dcpam

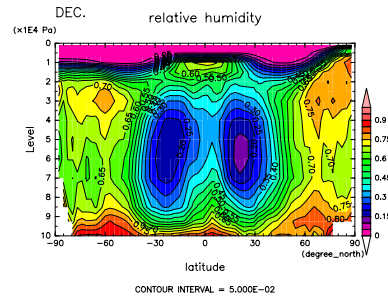


Figure 454: RH at Dec. by dcpam

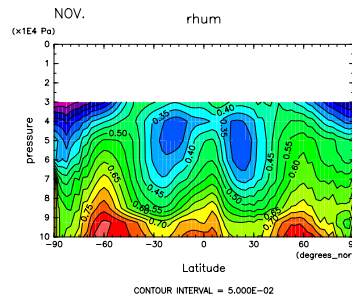


Figure 452: RH at Nov. by NCEP

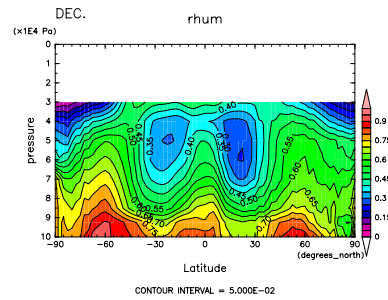


Figure 455: RH at Dec. by NCEP

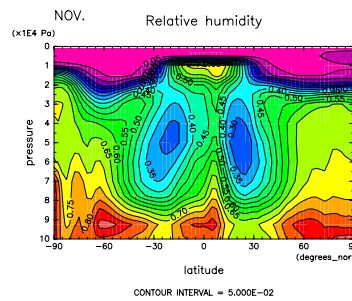


Figure 453: RH at Nov. by ECMWF

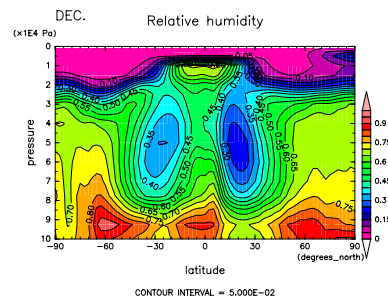


Figure 456: RH at Dec. by ECMWF

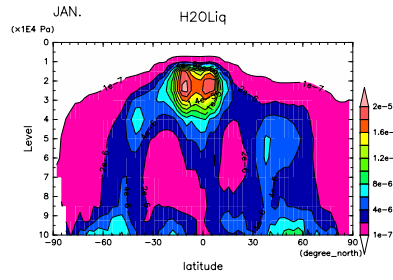


Figure 457: q_l at Jan. by dcpam

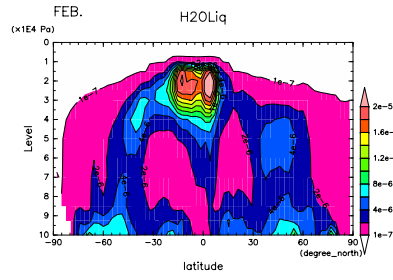


Figure 458: q_l at Feb. by dcpam

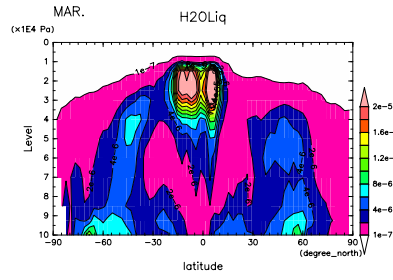


Figure 459: q_l at Mar. by dcpam

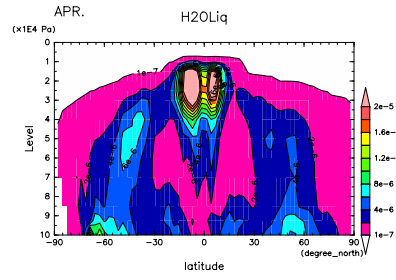


Figure 460: q_l at Apr. by dcpam

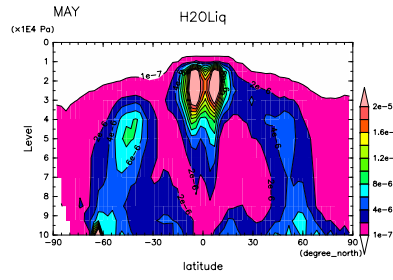


Figure 461: q_l at May by dcpam

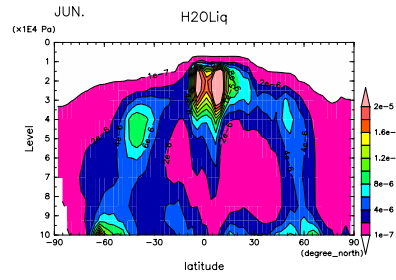


Figure 462: q_l at Jun. by dcpam

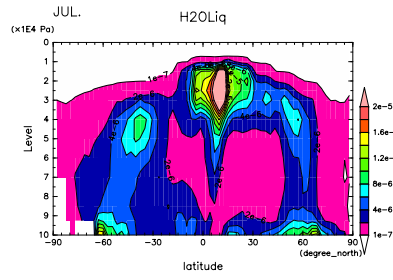


Figure 463: q_l at Jul. by dcpam

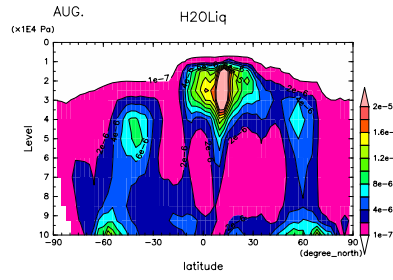


Figure 464: q_l at Aug. by dcpam

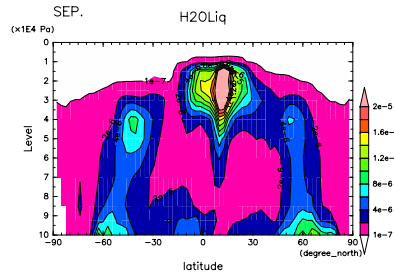


Figure 465: q_l at Sep. by dcpam

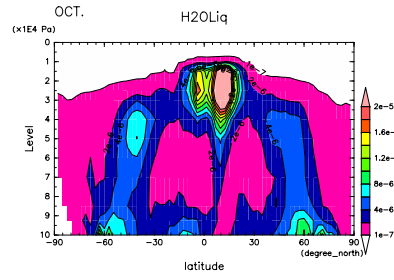


Figure 466: q_l at Oct. by dcpam

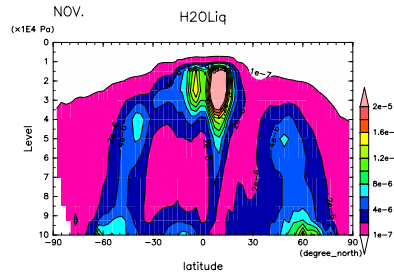


Figure 467: q_l at Nov. by dcpam

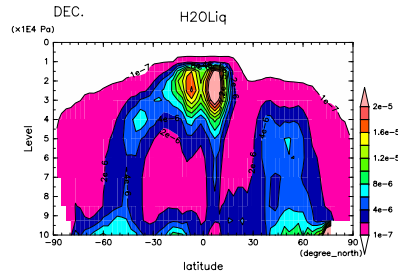


Figure 468: q_l at Dec. by dcpam

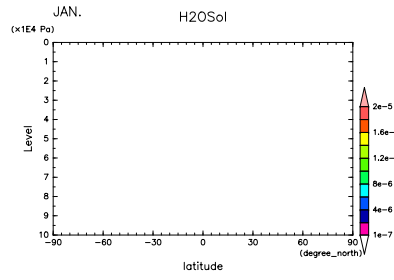


Figure 469: q_i at Jan. by dcpam

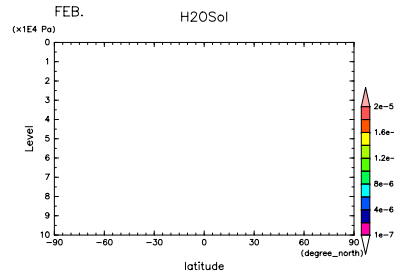


Figure 470: q_i at Feb. by dcpam

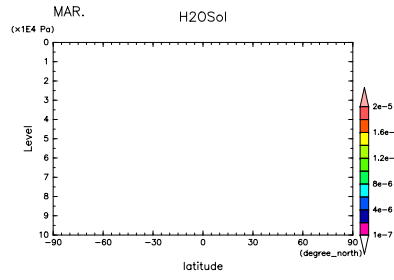


Figure 471: q_i at Mar. by dcpam

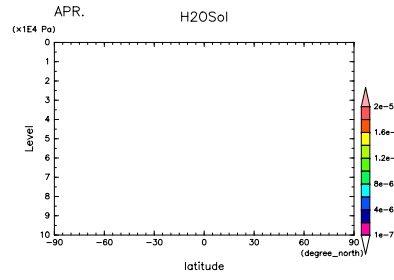


Figure 472: q_i at Apr. by dcpam

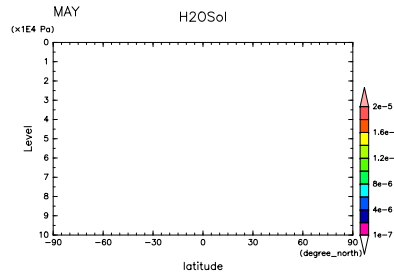


Figure 473: q_i at May by dcpam

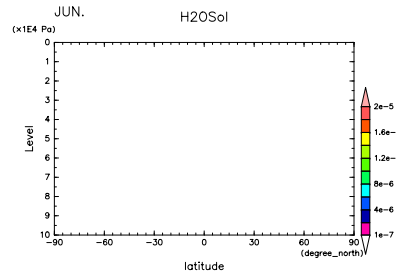


Figure 474: q_i at Jun. by dcpam

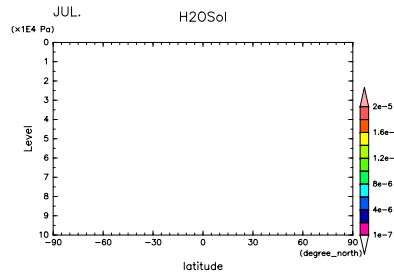


Figure 475: q_i at Jul. by dcpam

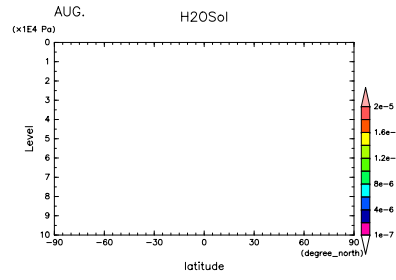


Figure 476: q_i at Aug. by dcpam

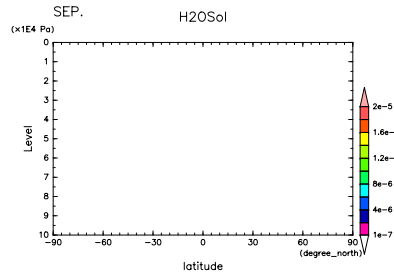


Figure 477: q_i at Sep. by dcpam

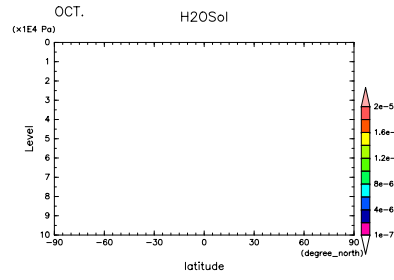


Figure 478: q_i at Oct. by dcpam

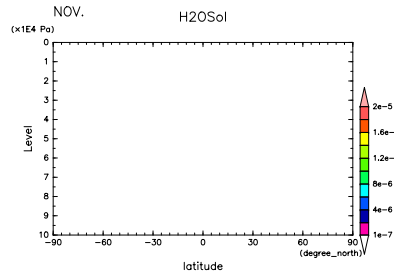


Figure 479: q_i at Nov. by dcpam

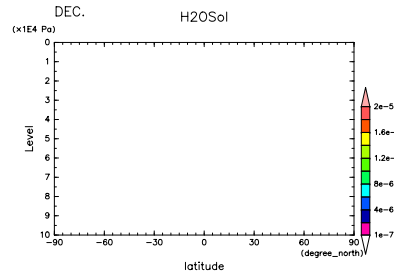


Figure 480: q_i at Dec. by dcpam

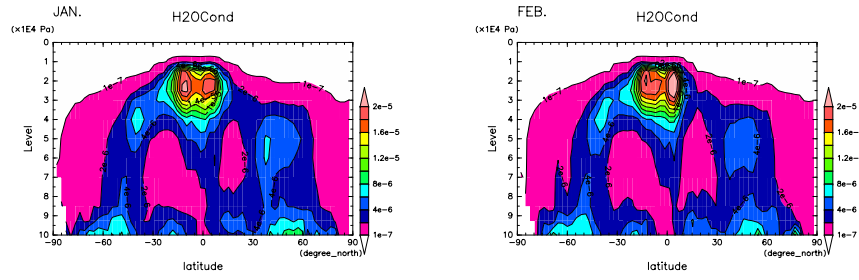


Figure 481: $q_l + q_i$ at Jan. by depam Figure 482: $q_l + q_i$ at Feb. by depam

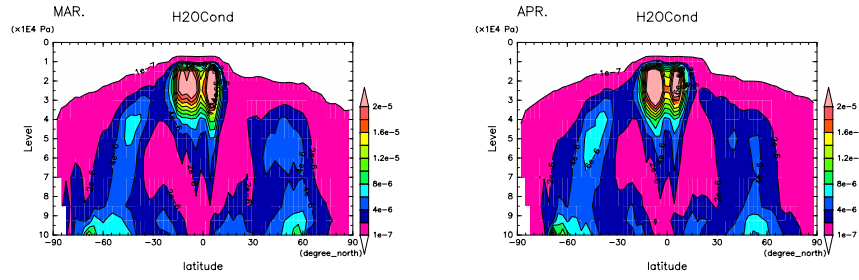


Figure 483: $q_l + q_i$ at Mar. by dcpam Figure 484: $q_l + q_i$ at Apr. by dcpam

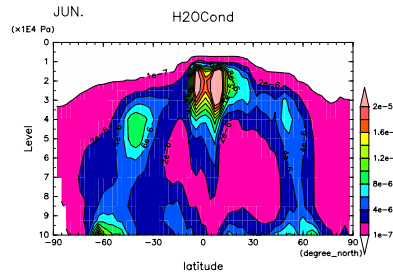
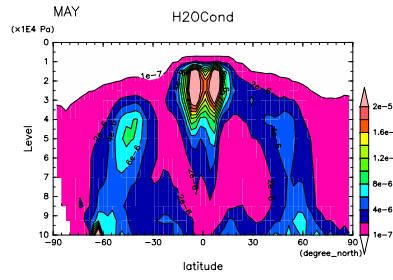


Figure 485: $q_l + q_i$ at May by depam Figure 486: $q_l + q_i$ at Jun. by depam

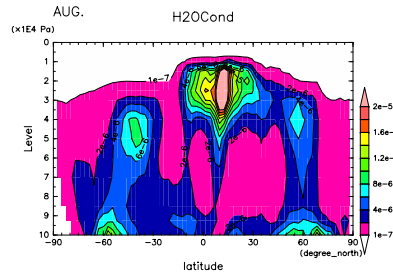
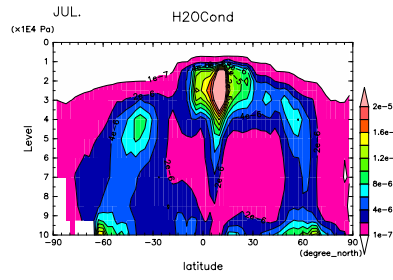


Figure 487: $q_l + q_i$ at Jul. by dcpam Figure 488: $q_l + q_i$ at Aug. by dcpam

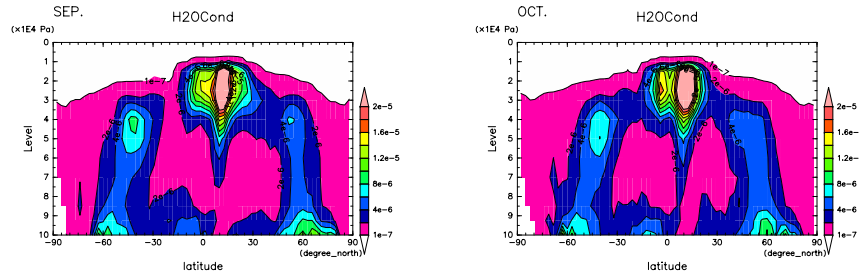


Figure 489: $q_l + q_i$ at Sep. by depam Figure 490: $q_l + q_i$ at Oct. by depam

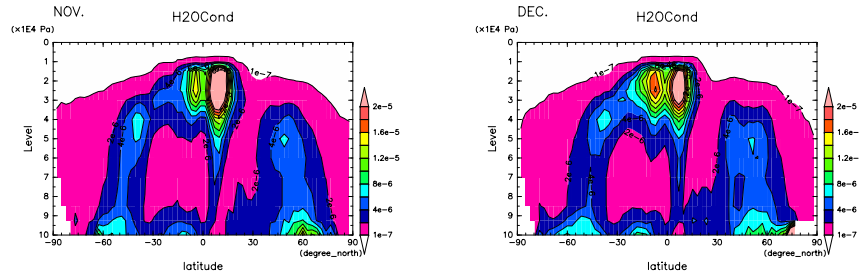


Figure 491: $q_l + q_i$ at Nov. by dcpam Figure 492: $q_l + q_i$ at Dec. by dcpam

0.2.8 Monthly mean latitude-pressure (logarithmic) distribution

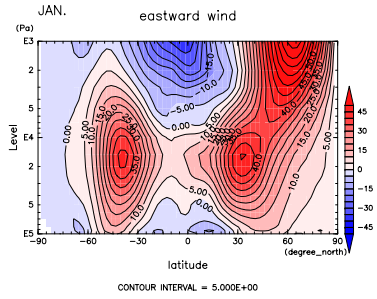


Figure 493: U at Jan. by dpam

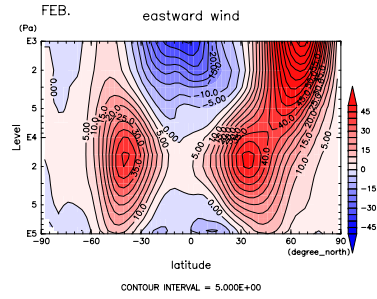


Figure 496: U at Feb. by dpam

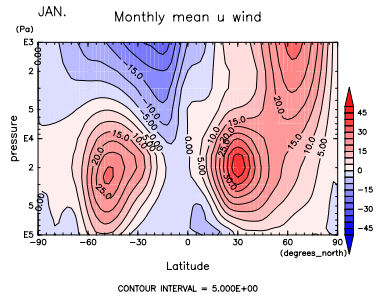


Figure 494: U at Jan. by NCEP

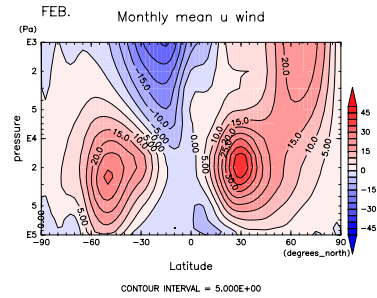


Figure 497: U at Feb. by NCEP

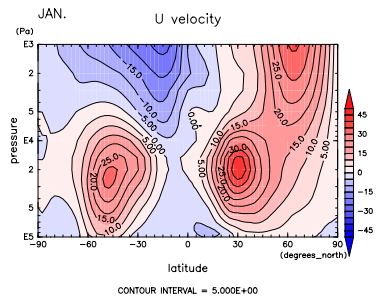


Figure 495: U at Jan. by ECMWF

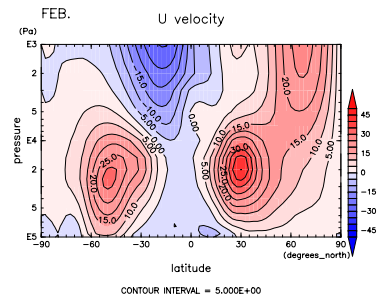


Figure 498: U at Feb. by ECMWF

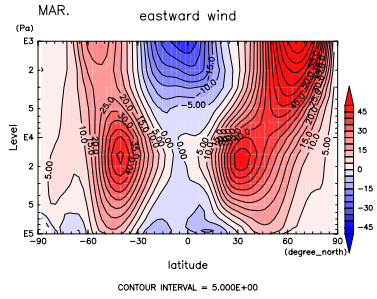


Figure 499: U at Mar. by dcpam

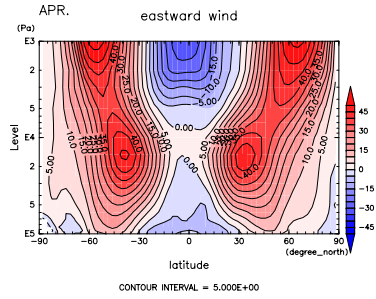


Figure 502: U at Apr. by dcpam

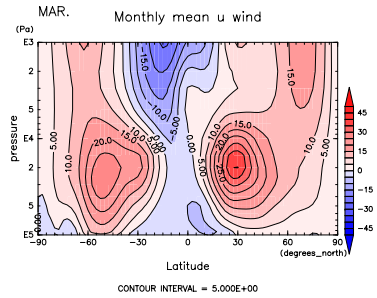


Figure 500: U at Mar. by NCEP

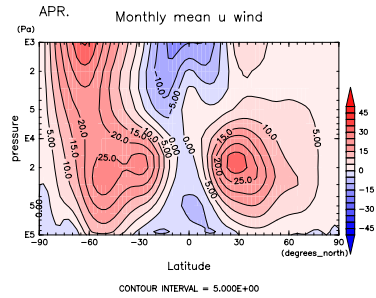


Figure 503: U at Apr. by NCEP

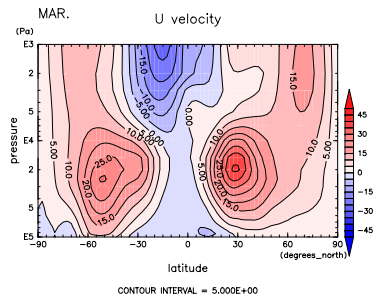


Figure 501: U at Mar. by ECMWF

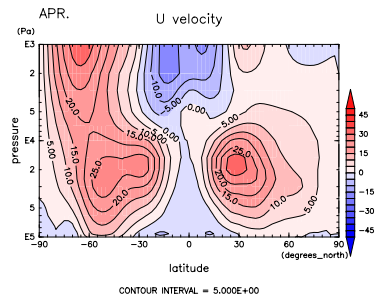


Figure 504: U at Apr. by ECMWF

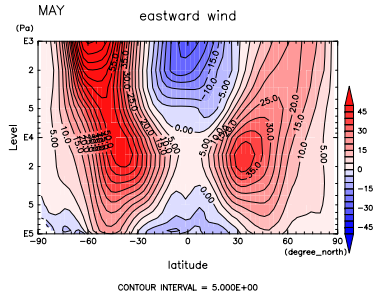


Figure 505: U at May by dpam

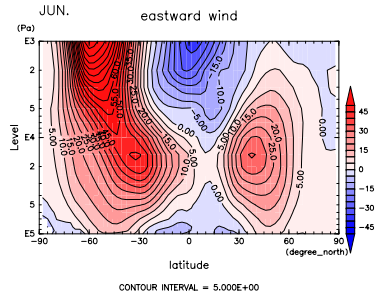


Figure 508: U at Jun. by dpam

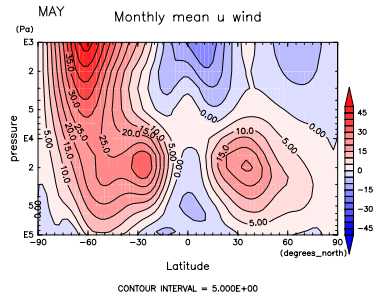


Figure 506: U at May by NCEP

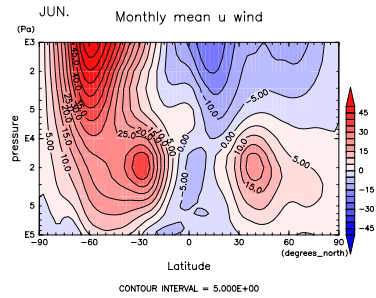


Figure 509: U at Jun. by NCEP

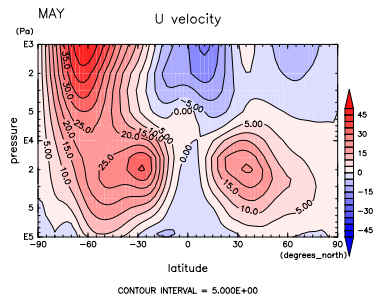


Figure 507: U at May by ECMWF

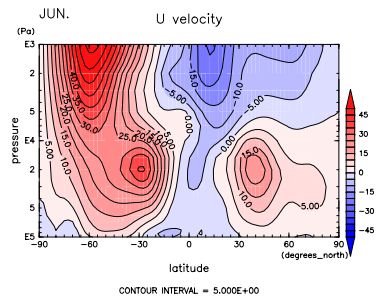


Figure 510: U at Jun. by ECMWF

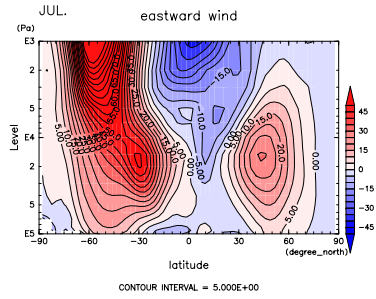


Figure 511: U at Jul. by dcpam

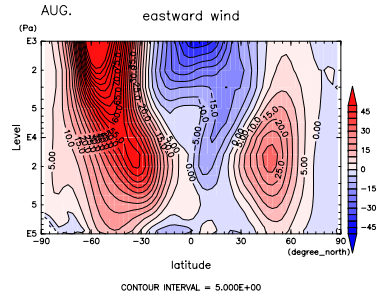


Figure 514: U at Aug. by dcpam

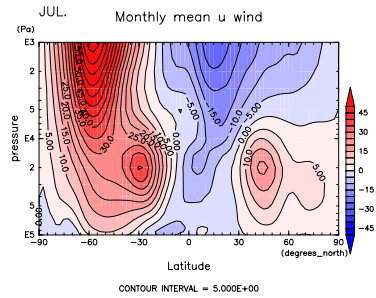


Figure 512: U at Jul. by NCEP

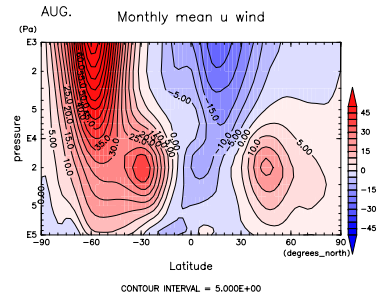


Figure 515: U at Aug. by NCEP

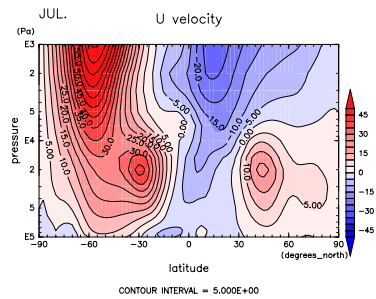


Figure 513: U at Jul. by ECMWF

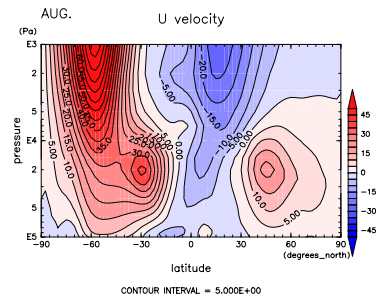


Figure 516: U at Aug. by ECMWF

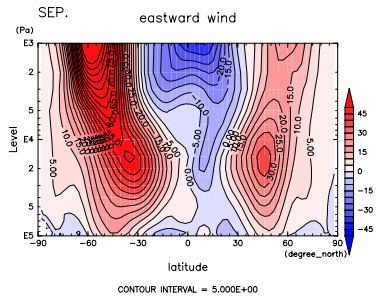


Figure 517: U at Sep. by dpam

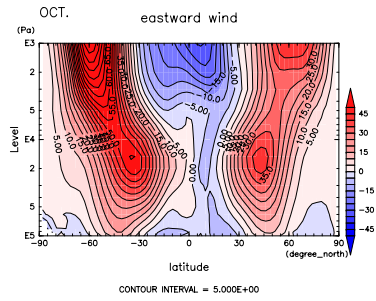


Figure 520: U at Oct. by dpam

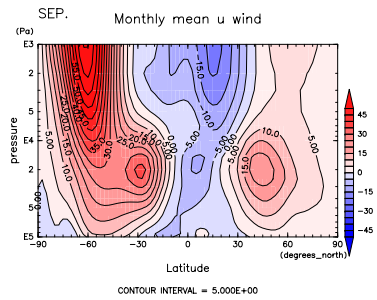


Figure 518: U at Sep. by NCEP

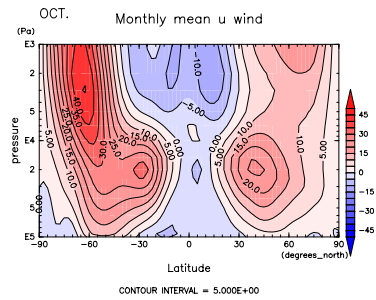


Figure 521: U at Oct. by NCEP

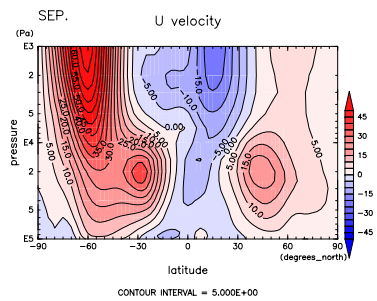


Figure 519: U at Sep. by ECMWF

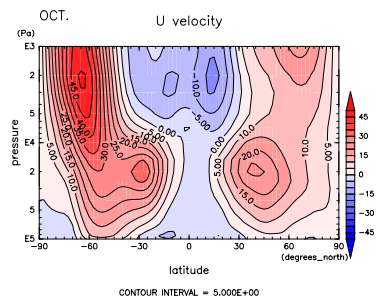


Figure 522: U at Oct. by ECMWF

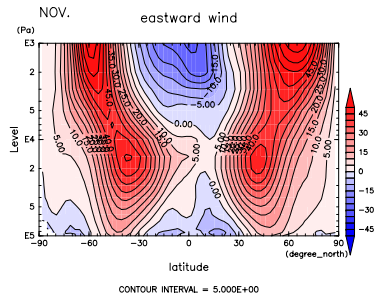


Figure 523: U at Nov. by depam

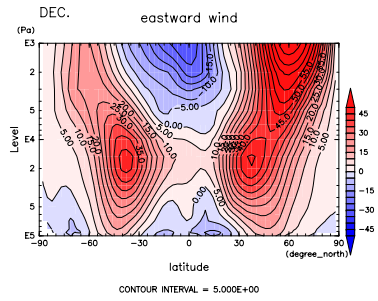


Figure 526: U at Dec. by depam

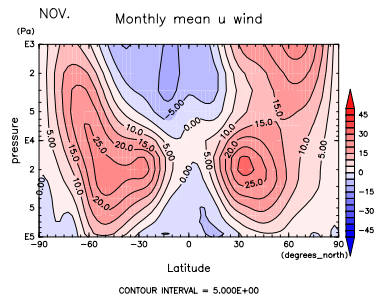


Figure 524: U at Nov. by NCEP

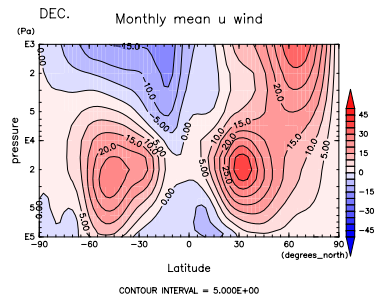


Figure 527: U at Dec. by NCEP

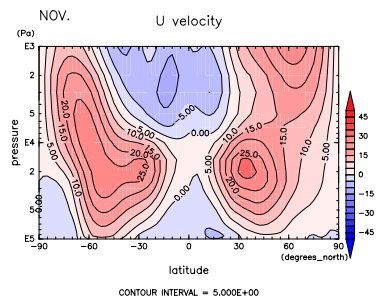


Figure 525: U at Nov. by ECMWF

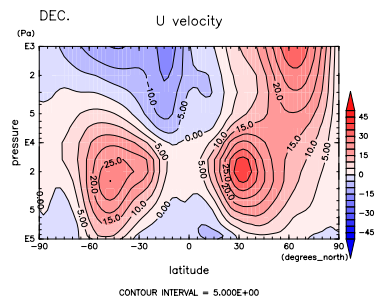


Figure 528: U at Dec. by ECMWF

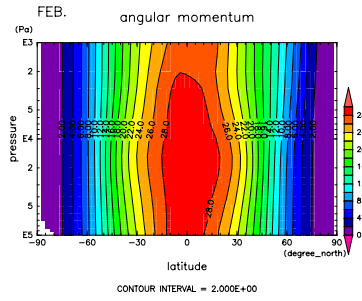
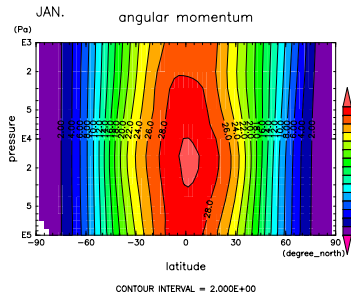


Figure 529: ANG MOM at Jan. by dcpan Figure 532: ANG MOM at Feb. by dcpan

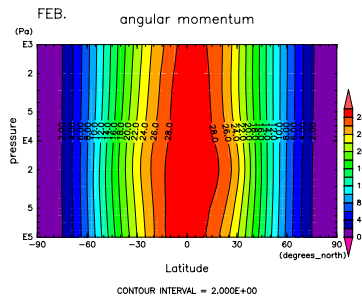
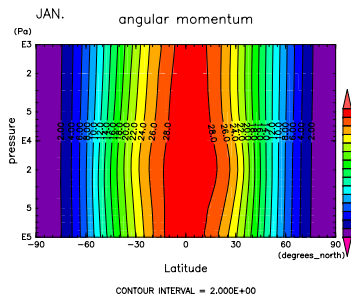


Figure 530: ANG MOM at Jan. by NCEP Figure 533: ANG MOM at Feb. by NCEP

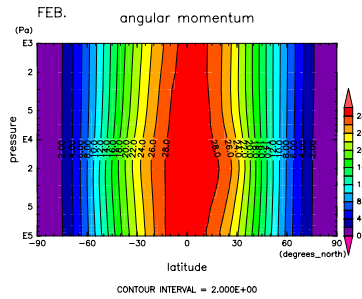
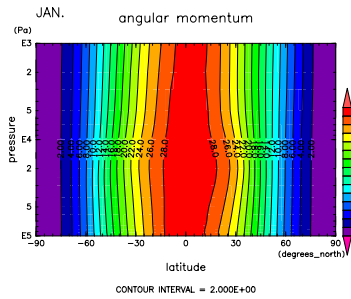


Figure 531: ANG MOM at Jan. by ECMWF Figure 534: ANG MOM at Feb. by ECMWF

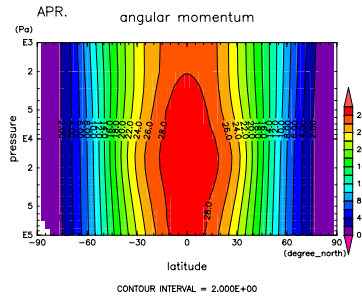
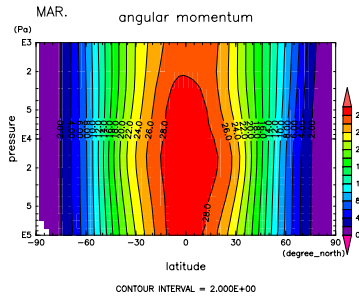


Figure 535: ANGMOM at Mar. by dcpan Figure 538: ANGMOM at Apr. by dcpan

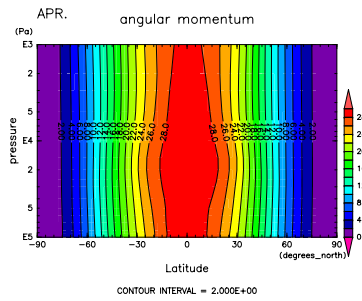
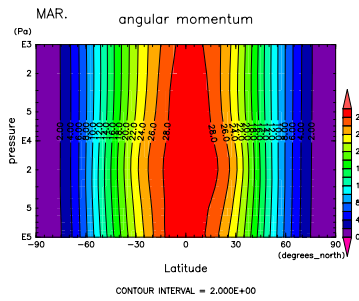


Figure 536: ANGMOM at Mar. by NCEP Figure 539: ANGMOM at Apr. by NCEP

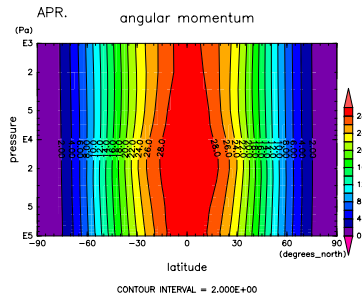
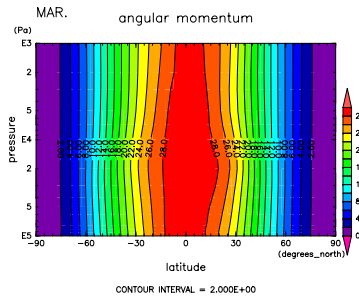


Figure 537: ANGMOM at Mar. by ECMWF Figure 540: ANGMOM at Apr. by ECMWF

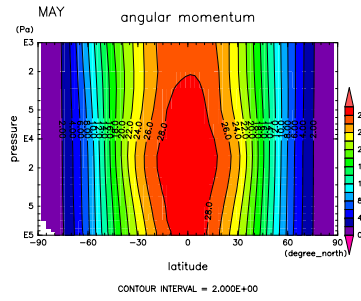


Figure 541: ANGMOM at May by dcpam

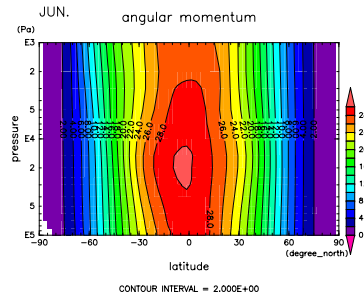


Figure 544: ANGMOM at Jun. by dcpam

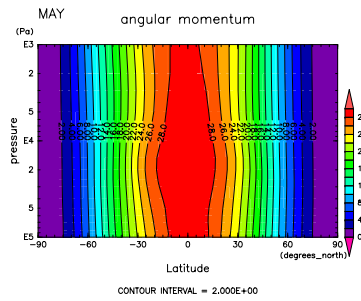


Figure 542: ANGMOM at May by NCEP

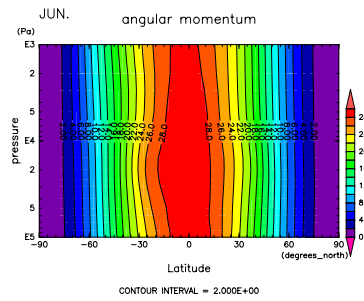


Figure 545: ANGMOM at Jun. by NCEP

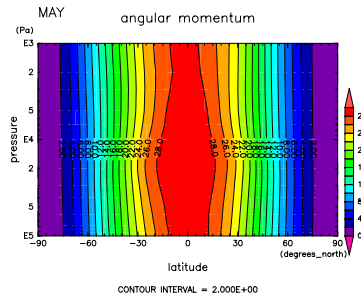


Figure 543: ANGMOM at May by ECMWF

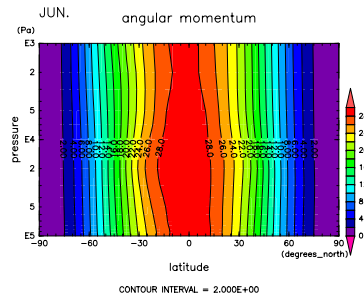


Figure 546: ANGMOM at Jun. by ECMWF

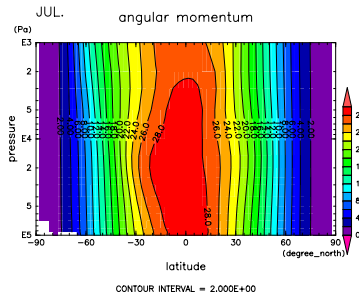


Figure 547: ANGMOM at Jul. by dc-pam

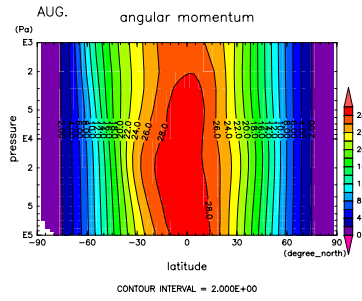


Figure 550: ANGMOM at Aug. by dc-pam

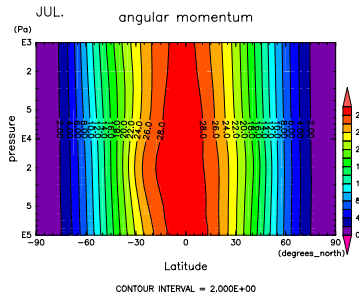


Figure 548: ANGMOM at Jul. by NCEP

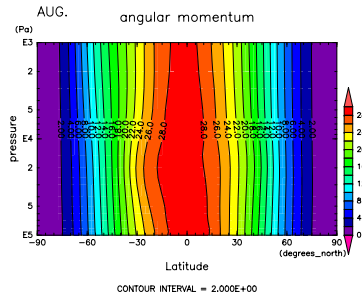


Figure 551: ANGMOM at Aug. by NCEP

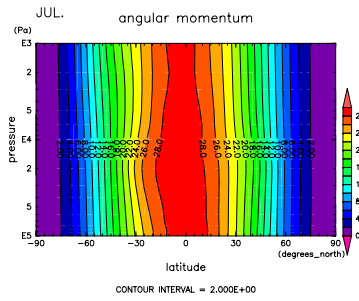


Figure 549: ANGMOM at Jul. by ECMWF

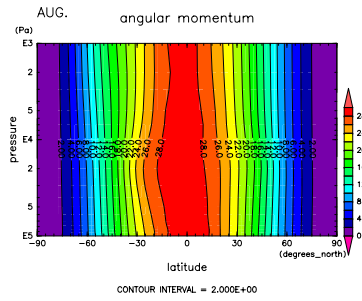


Figure 552: ANGMOM at Aug. by ECMWF

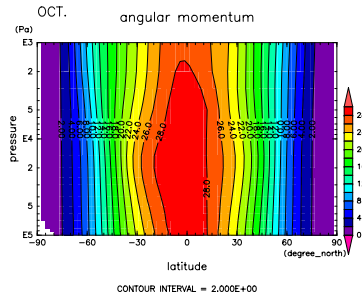
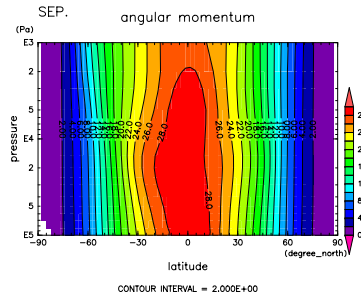


Figure 553: ANGMOM at Sep. by dcpan Figure 556: ANGMOM at Oct. by dcpan

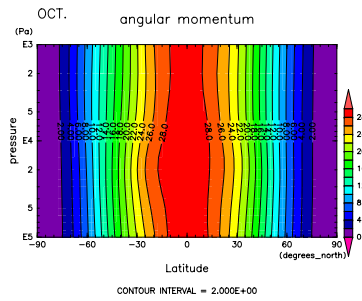
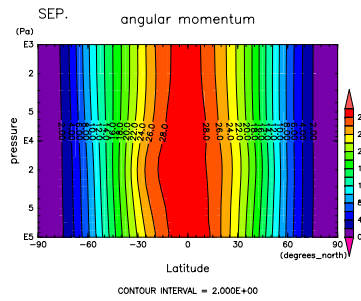


Figure 554: ANGMOM at Sep. by NCEP Figure 557: ANGMOM at Oct. by NCEP

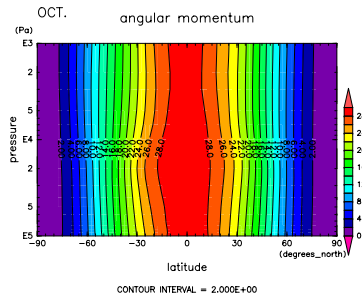
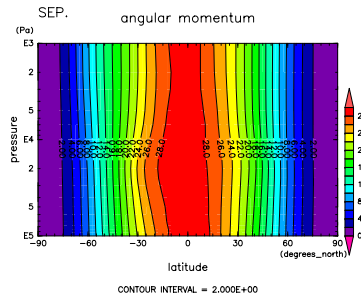


Figure 555: ANGMOM at Sep. by ECMWF Figure 558: ANGMOM at Oct. by ECMWF

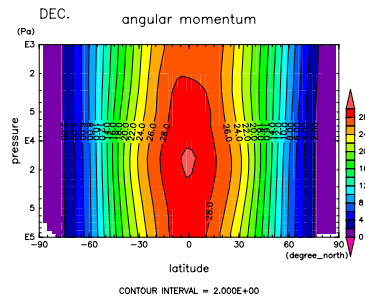
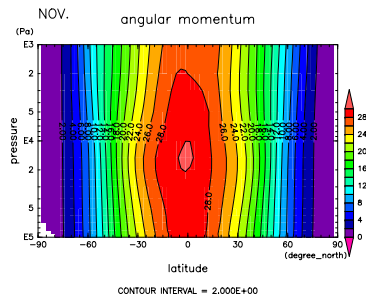


Figure 559: ANGMOM at Nov. by dcpam Figure 562: ANGMOM at Dec. by dcpam

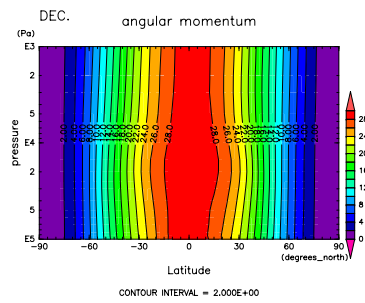
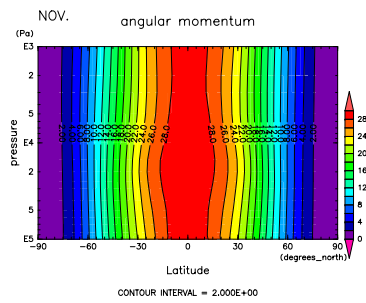


Figure 560: ANGMOM at Nov. by NCEP Figure 563: ANGMOM at Dec. by NCEP

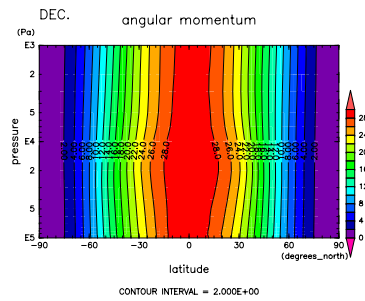
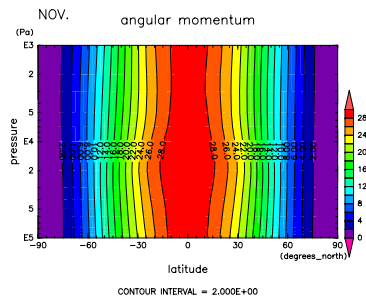


Figure 561: ANGMOM at Nov. by ECMWF Figure 564: ANGMOM at Dec. by ECMWF

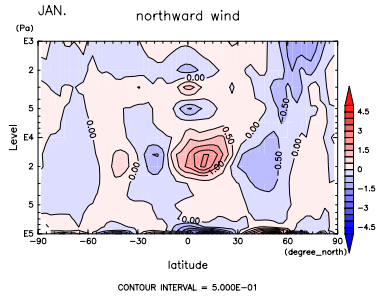


Figure 565: V at Jan. by dpam

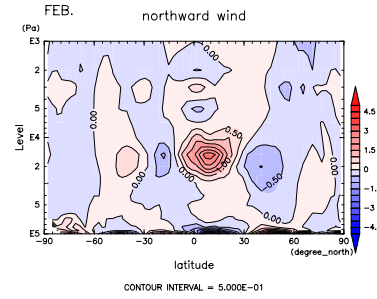


Figure 568: V at Feb. by dpam

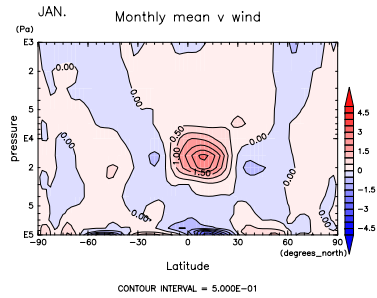


Figure 566: V at Jan. by NCEP

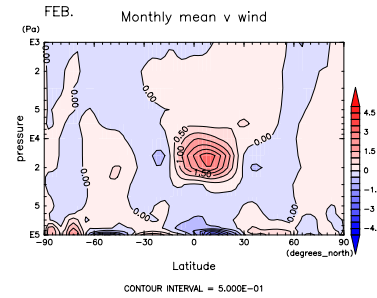


Figure 569: V at Feb. by NCEP

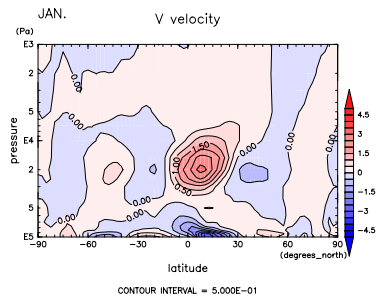


Figure 567: V at Jan. by ECMWF

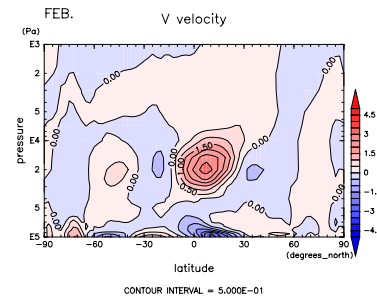


Figure 570: V at Feb. by ECMWF

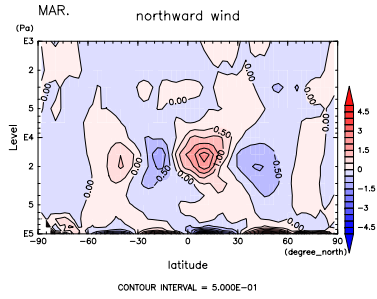


Figure 571: V at Mar. by dcpam

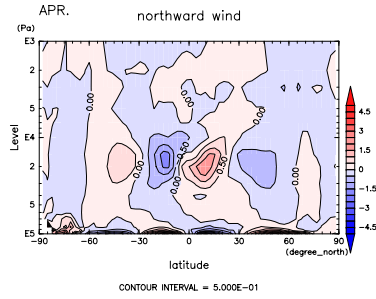


Figure 574: V at Apr. by dcpam

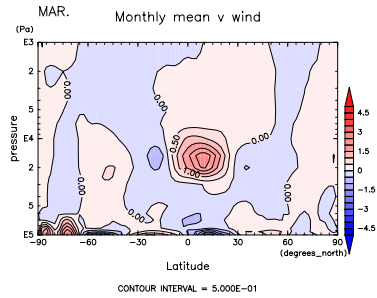


Figure 572: V at Mar. by NCEP

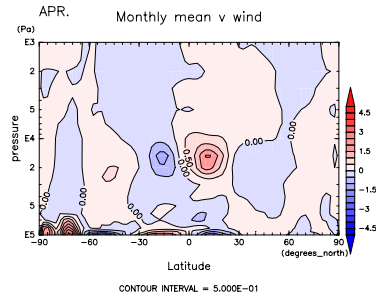


Figure 575: V at Apr. by NCEP

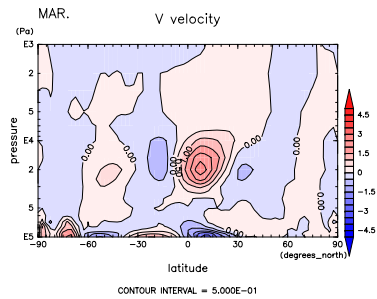


Figure 573: V at Mar. by ECMWF

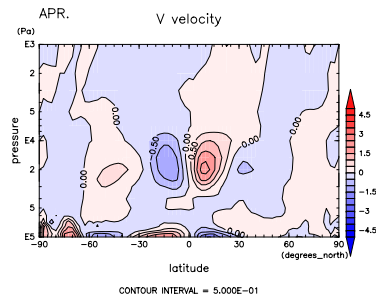


Figure 576: V at Apr. by ECMWF

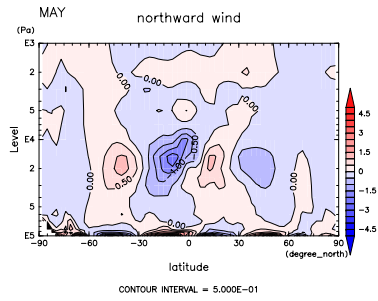


Figure 577: V at May by dpam

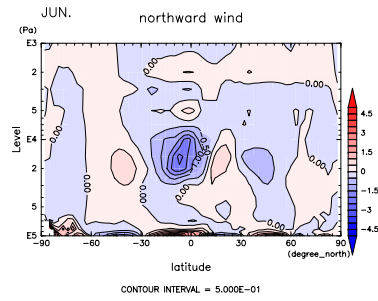


Figure 580: V at Jun. by dpam

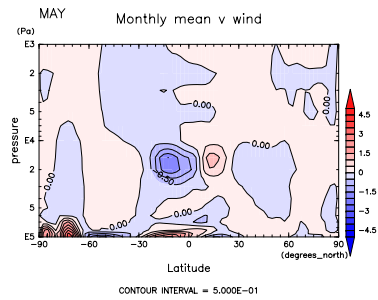


Figure 578: V at May by NCEP

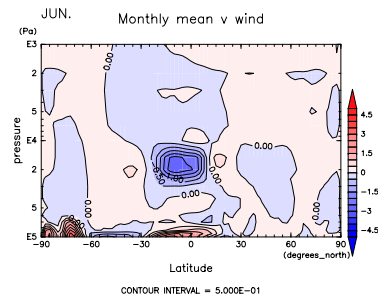


Figure 581: V at Jun. by NCEP

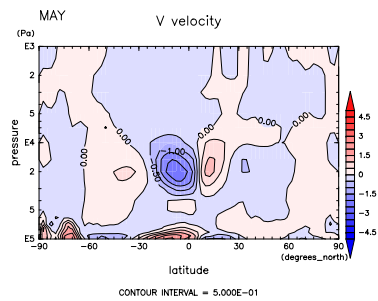


Figure 579: V at May by ECMWF

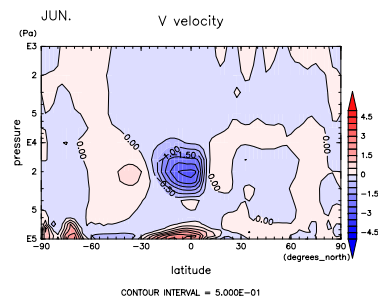


Figure 582: V at Jun. by ECMWF

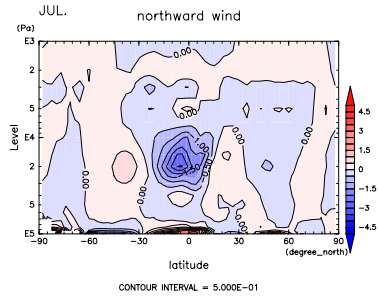


Figure 583: V at Jul. by dc pam

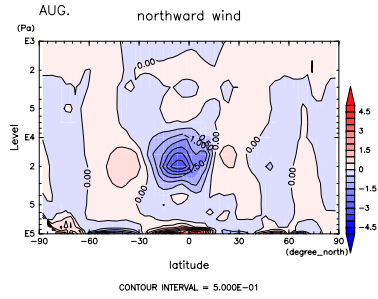


Figure 586: V at Aug. by dc pam

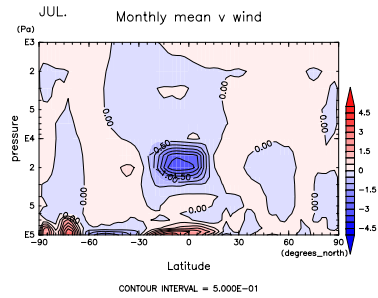


Figure 584: V at Jul. by NCEP

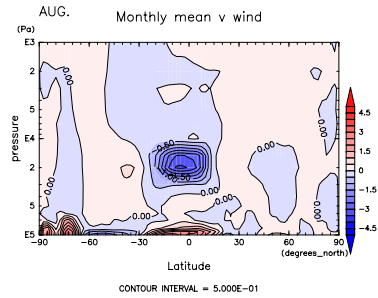


Figure 587: V at Aug. by NCEP

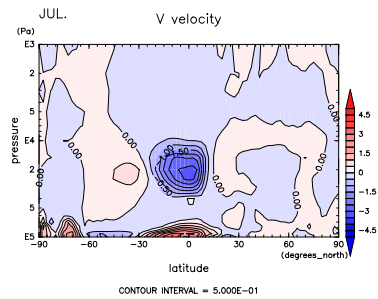


Figure 585: V at Jul. by ECMWF

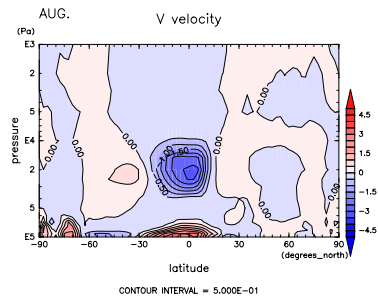


Figure 588: V at Aug. by ECMWF

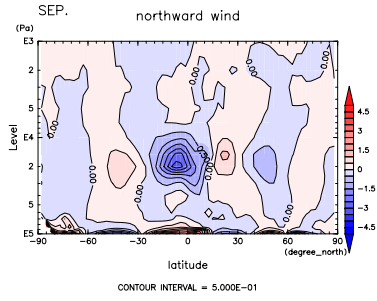


Figure 589: V at Sep. by dpam

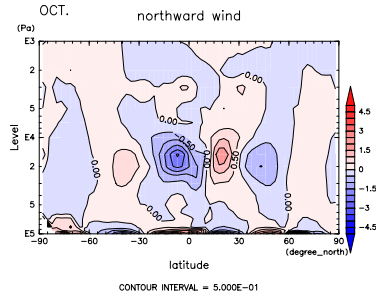


Figure 592: V at Oct. by dpam

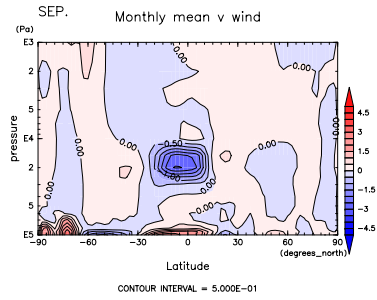


Figure 590: V at Sep. by NCEP

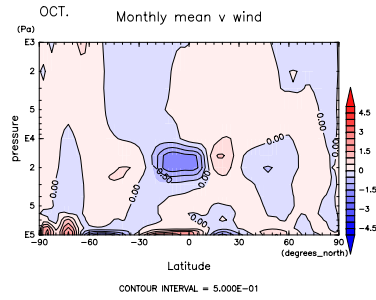


Figure 593: V at Oct. by NCEP

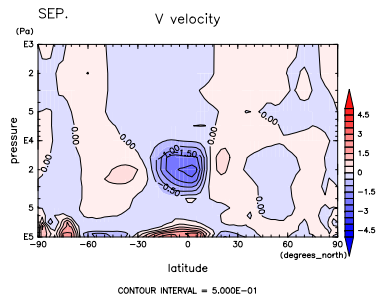


Figure 591: V at Sep. by ECMWF

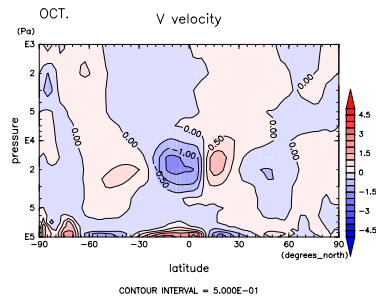


Figure 594: V at Oct. by ECMWF

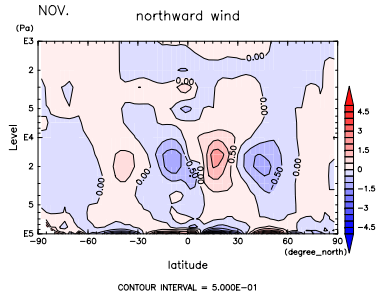


Figure 595: V at Nov. by dcpam

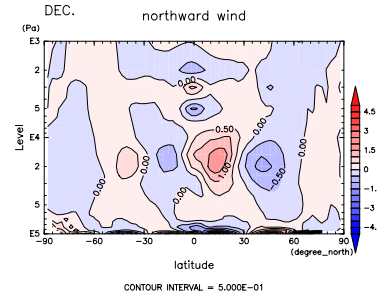


Figure 598: V at Dec. by dcpam

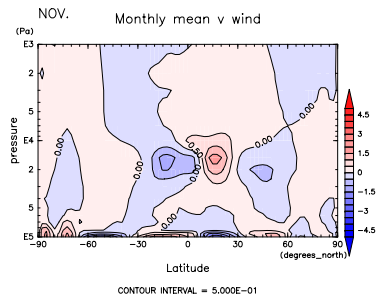


Figure 596: V at Nov. by NCEP

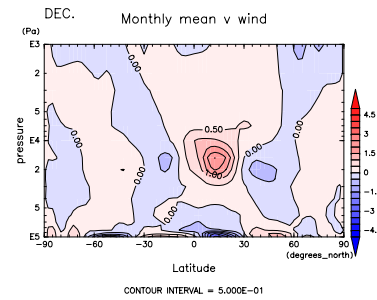


Figure 599: V at Dec. by NCEP

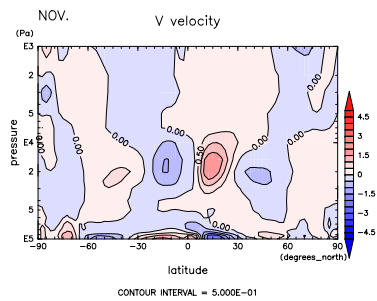


Figure 597: V at Nov. by ECMWF

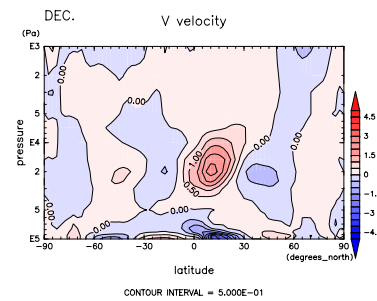


Figure 600: V at Dec. by ECMWF

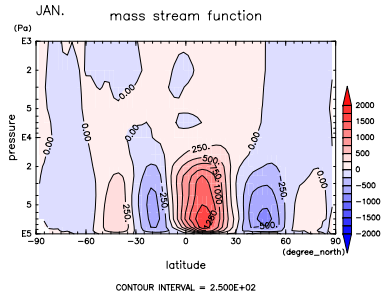


Figure 601: MSF at Jan. by depam

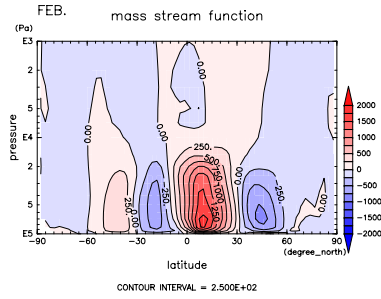


Figure 604: MSF at Feb. by depam

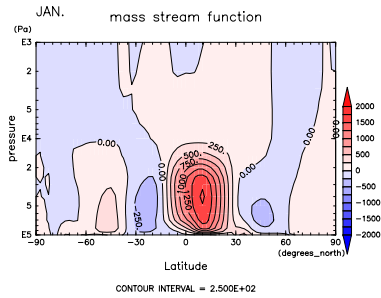


Figure 602: MSF at Jan. by NCEP

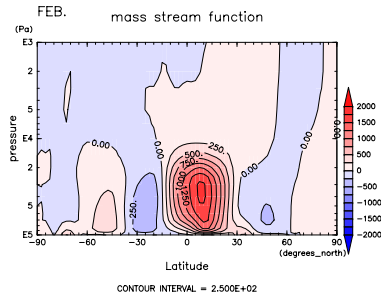


Figure 605: MSF at Feb. by NCEP

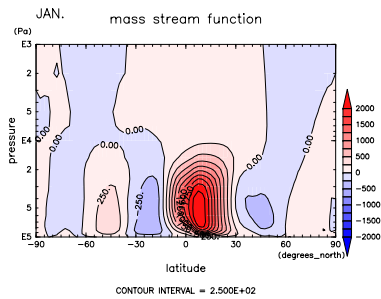


Figure 603: MSF at Jan. by ECMWF

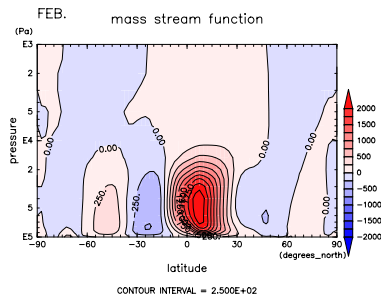


Figure 606: MSF at Feb. by ECMWF

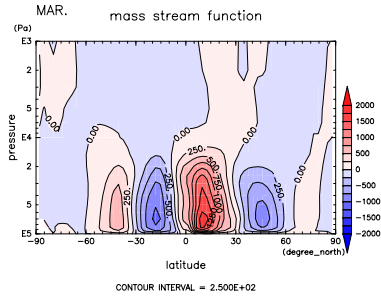


Figure 607: MSF at Mar. by dcpam

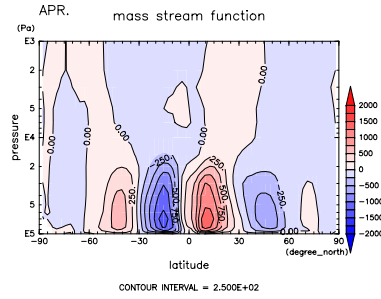


Figure 610: MSF at Apr. by dcpam

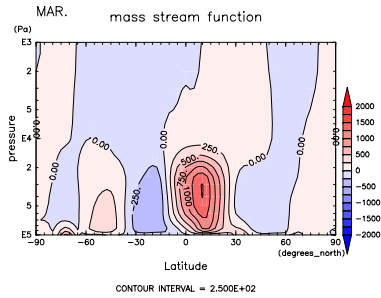


Figure 608: MSF at Mar. by NCEP

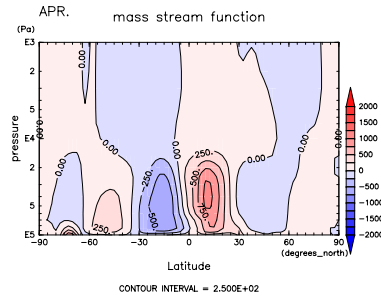


Figure 611: MSF at Apr. by NCEP

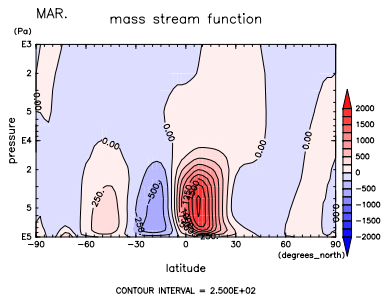


Figure 609: MSF at Mar. by ECMWF

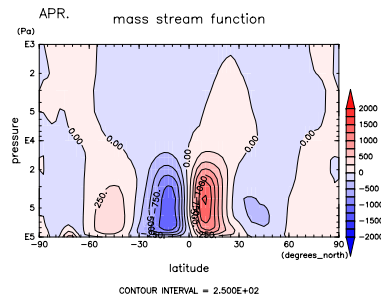


Figure 612: MSF at Apr. by ECMWF

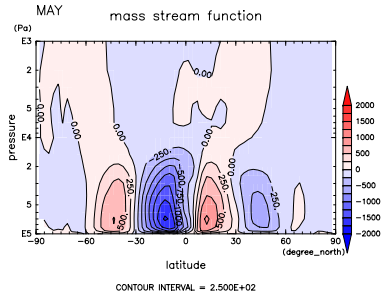


Figure 613: MSF at May by depam

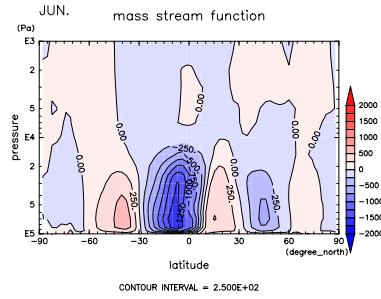


Figure 616: MSF at Jun. by depam

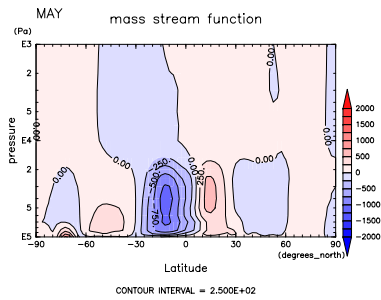


Figure 614: MSF at May by NCEP

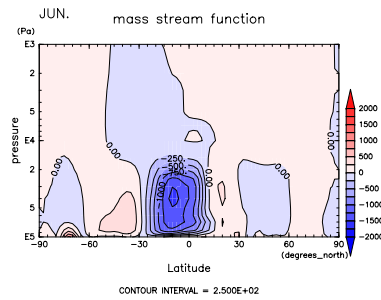


Figure 617: MSF at Jun. by NCEP

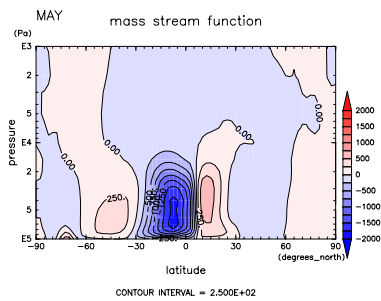


Figure 615: MSF at May by ECMWF

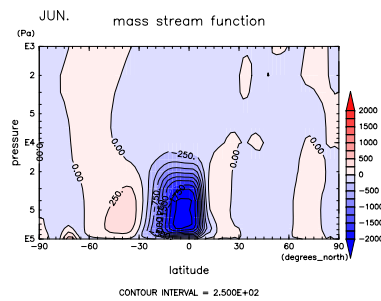


Figure 618: MSF at Jun. by ECMWF

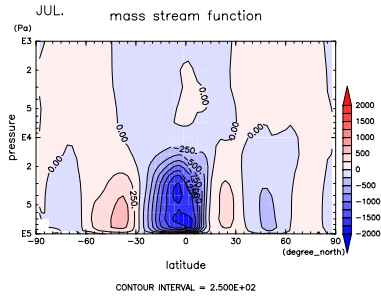


Figure 619: MSF at Jul. by dcpam

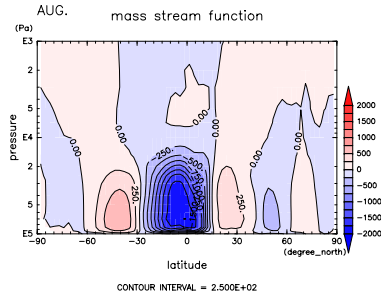


Figure 622: MSF at Aug. by dcpam

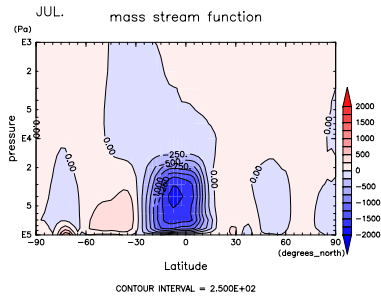


Figure 620: MSF at Jul. by NCEP

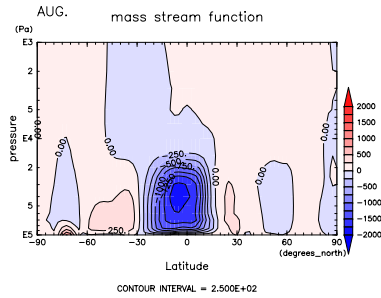


Figure 623: MSF at Aug. by NCEP

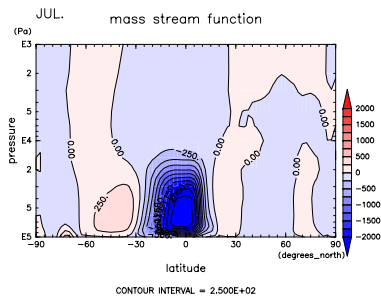


Figure 621: MSF at Jul. by ECMWF

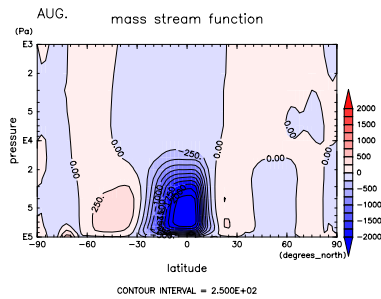


Figure 624: MSF at Aug. by ECMWF

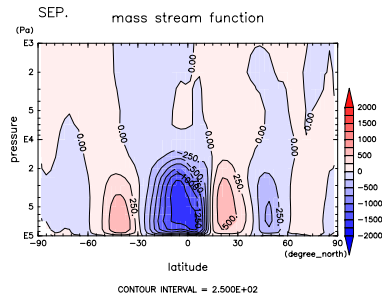


Figure 625: MSF at Sep. by depam

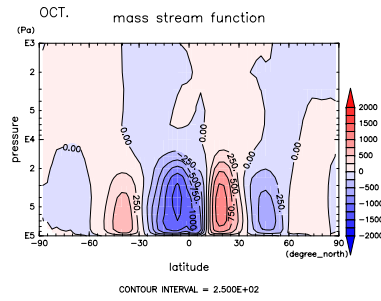


Figure 628: MSF at Oct. by depam

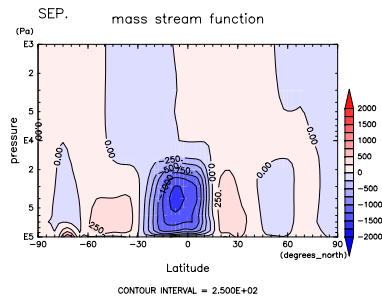


Figure 626: MSF at Sep. by NCEP

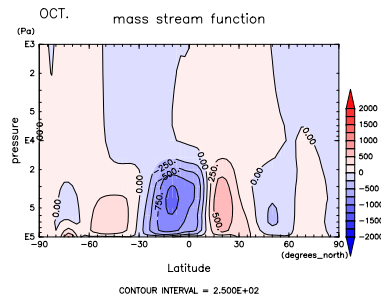


Figure 629: MSF at Oct. by NCEP

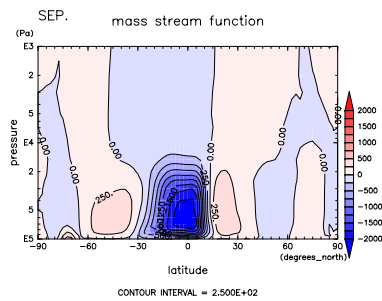


Figure 627: MSF at Sep. by ECMWF

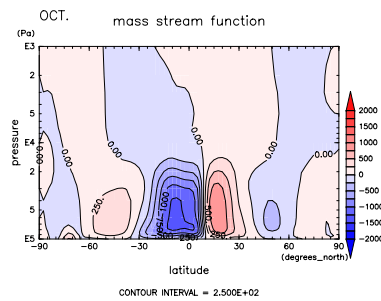


Figure 630: MSF at Oct. by ECMWF

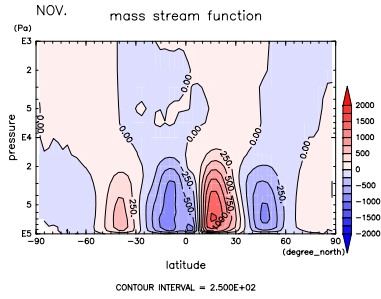


Figure 631: MSF at Nov. by dcpam

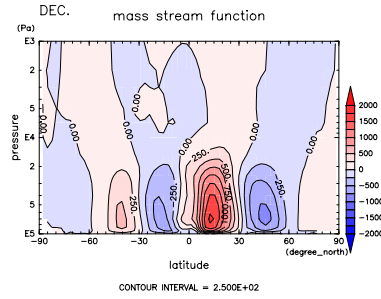


Figure 634: MSF at Dec. by dcpam

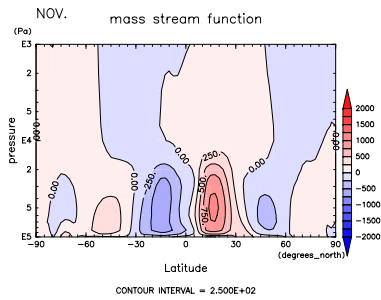


Figure 632: MSF at Nov. by NCEP

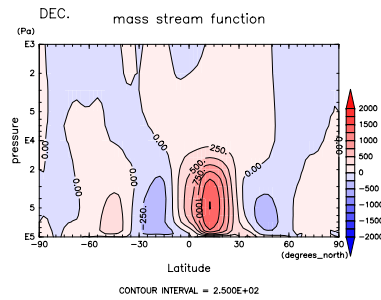


Figure 635: MSF at Dec. by NCEP

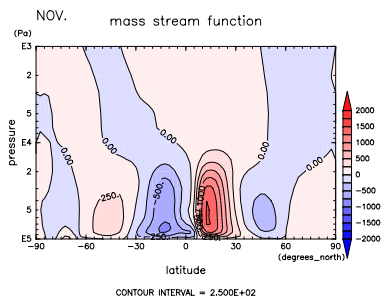


Figure 633: MSF at Nov. by ECMWF

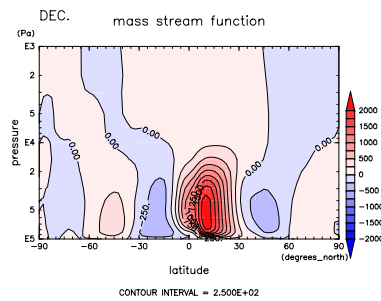


Figure 636: MSF at Dec. by ECMWF

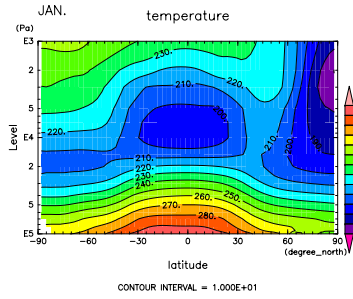


Figure 637: T at Jan. by dcpan

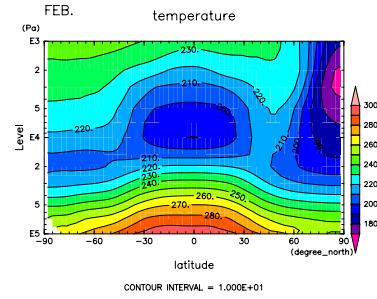


Figure 640: T at Feb. by dcpan

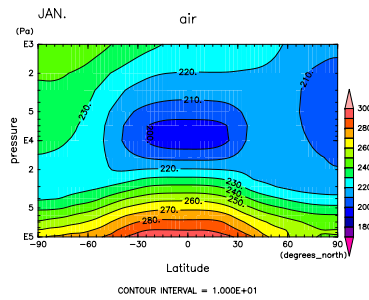


Figure 638: T at Jan. by NCEP

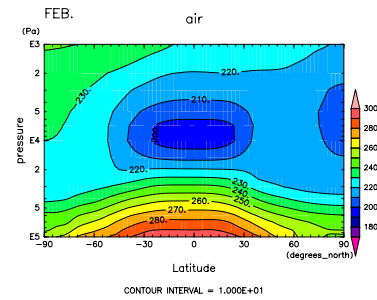


Figure 641: T at Feb. by NCEP

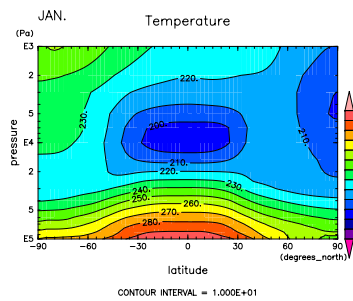


Figure 639: T at Jan. by ECMWF

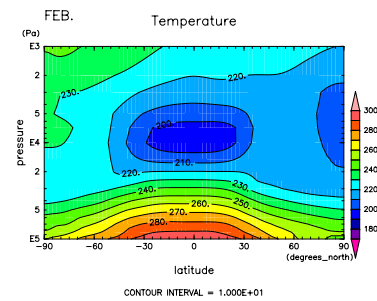


Figure 642: T at Feb. by ECMWF

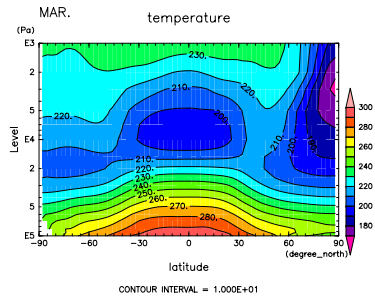


Figure 643: T at Mar. by depam

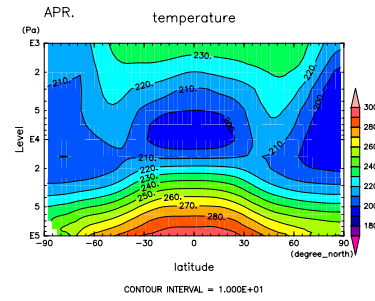


Figure 646: T at Apr. by depam

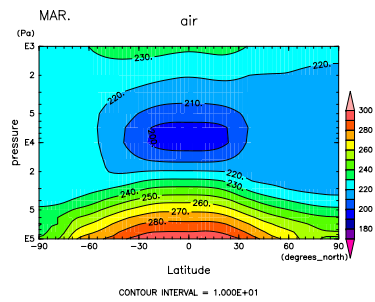


Figure 644: T at Mar. by NCEP

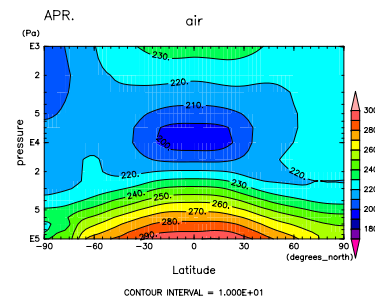


Figure 647: T at Apr. by NCEP

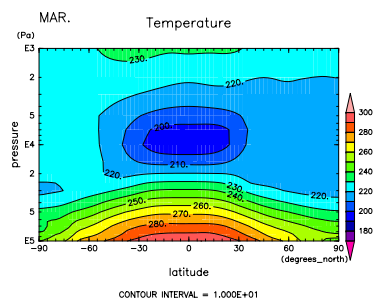


Figure 645: T at Mar. by ECMWF

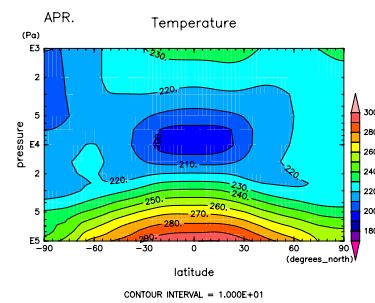


Figure 648: T at Apr. by ECMWF

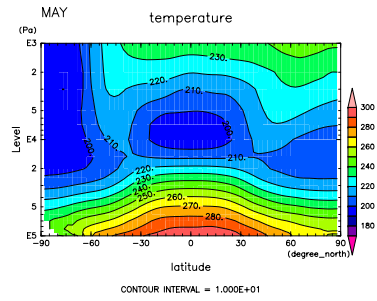


Figure 649: T at May by dcpan

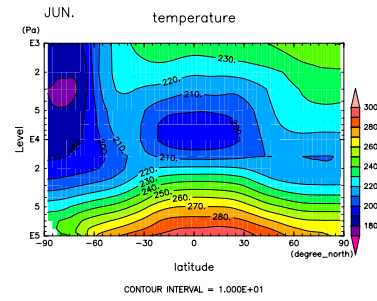


Figure 652: T at Jun. by dcpan

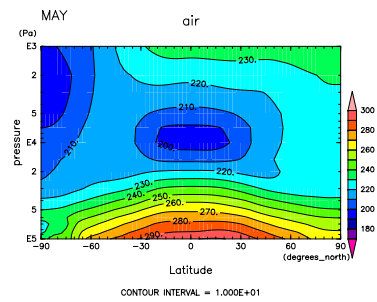


Figure 650: T at May by NCEP

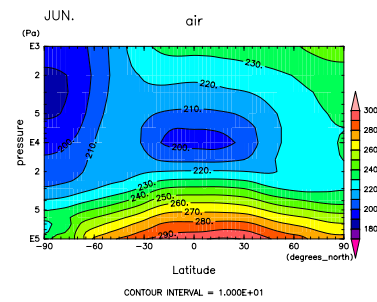


Figure 653: T at Jun. by NCEP

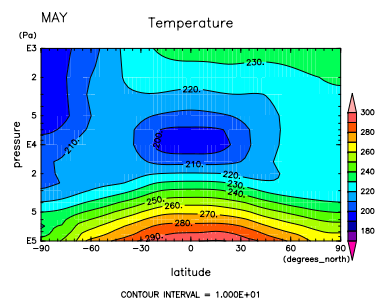


Figure 651: T at May by ECMWF

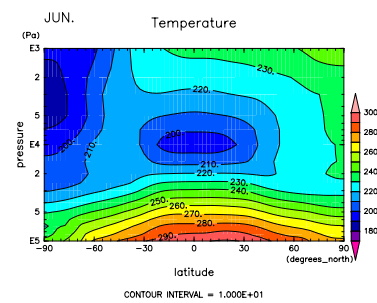


Figure 654: T at Jun. by ECMWF

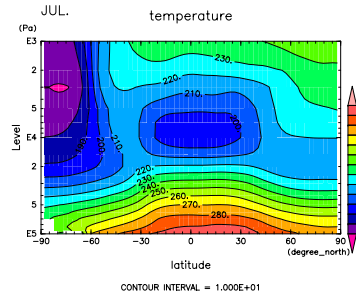


Figure 655: T at Jul. by dc pam

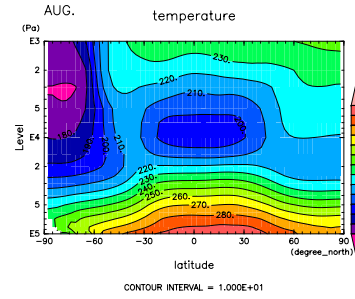


Figure 658: T at Aug. by dc pam

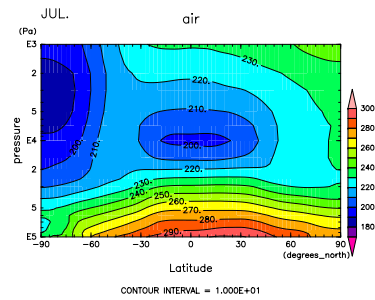


Figure 656: T at Jul. by NCEP

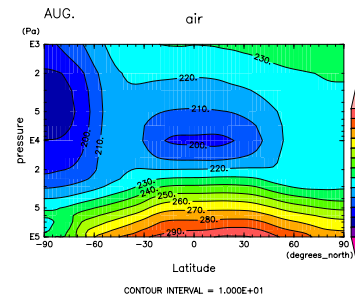


Figure 659: T at Aug. by NCEP

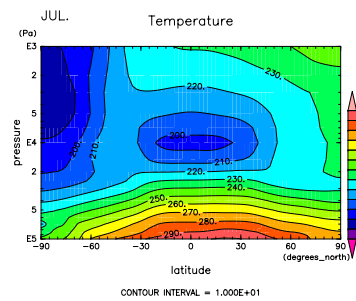


Figure 657: T at Jul. by ECMWF

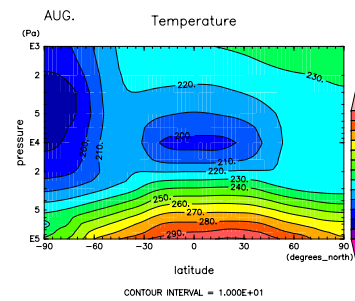


Figure 660: T at Aug. by ECMWF

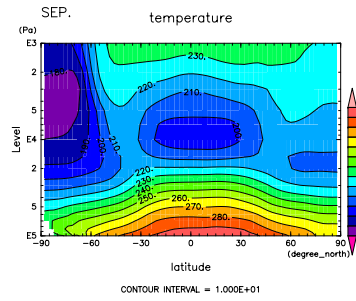


Figure 661: T at Sep. by dcpan

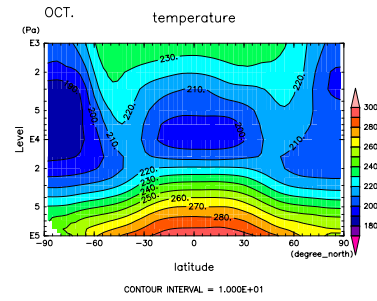


Figure 664: T at Oct. by dcpan

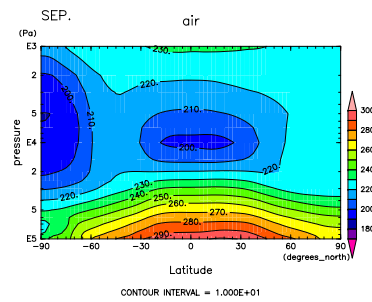


Figure 662: T at Sep. by NCEP

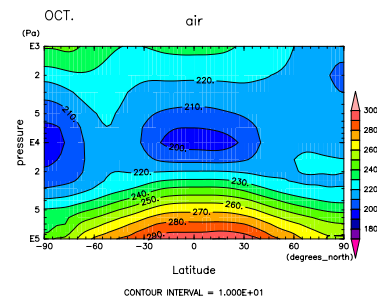


Figure 665: T at Oct. by NCEP

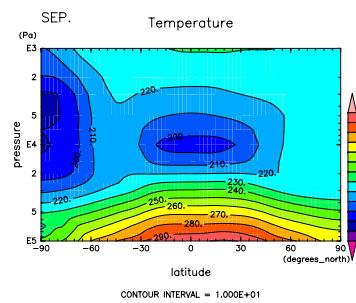


Figure 663: T at Sep. by ECMWF

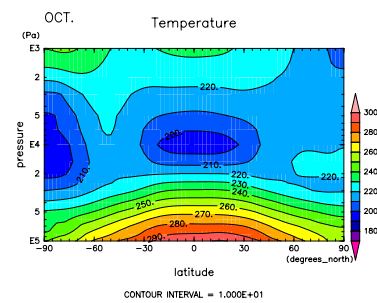


Figure 666: T at Oct. by ECMWF

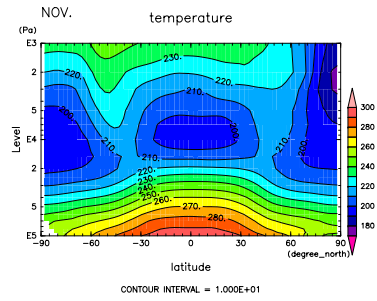


Figure 667: T at Nov. by depam

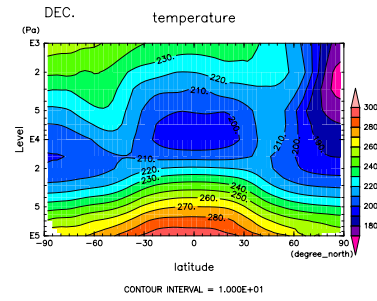


Figure 670: T at Dec. by depam

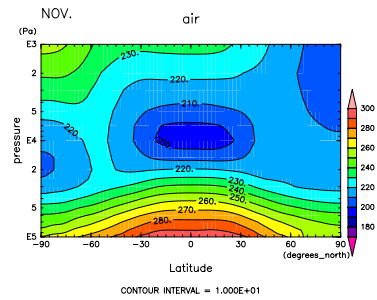


Figure 668: T at Nov. by NCEP

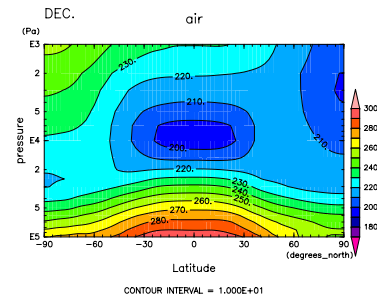


Figure 671: T at Dec. by NCEP

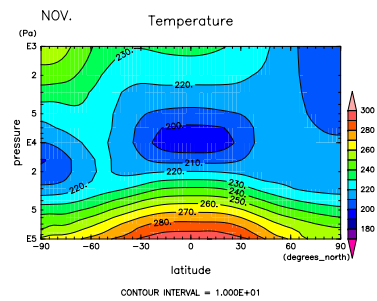


Figure 669: T at Nov. by ECMWF

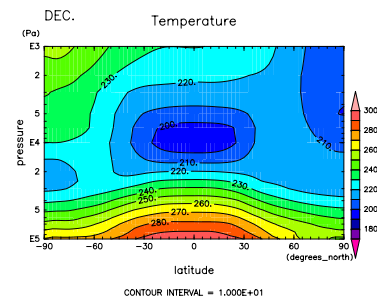


Figure 672: T at Dec. by ECMWF

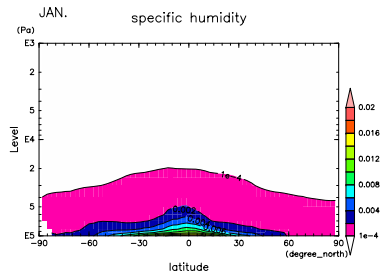


Figure 673: q at Jan. by dcpam

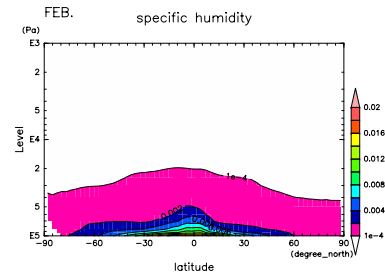


Figure 676: q at Feb. by dcpam

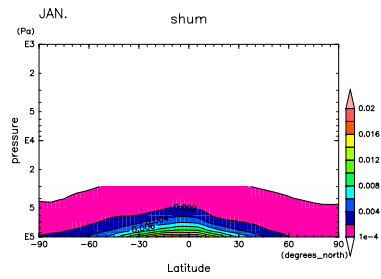


Figure 674: q at Jan. by NCEP

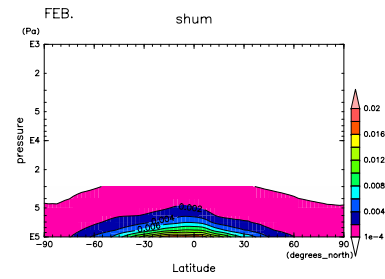


Figure 677: q at Feb. by NCEP

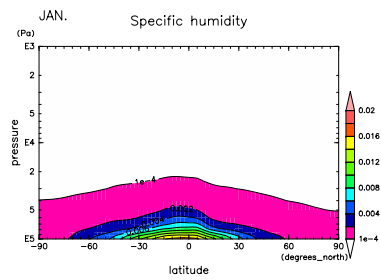


Figure 675: q at Jan. by ECMWF

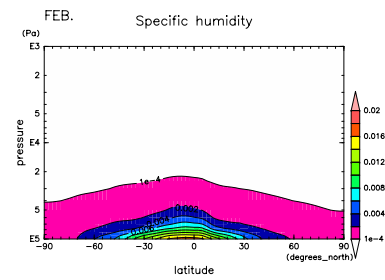


Figure 678: q at Feb. by ECMWF

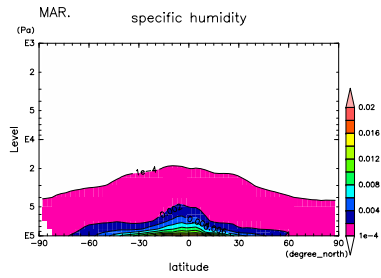


Figure 679: q at Mar. by dcpam

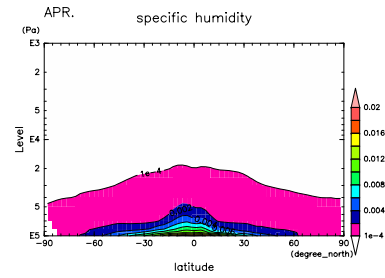


Figure 682: q at Apr. by dcpam

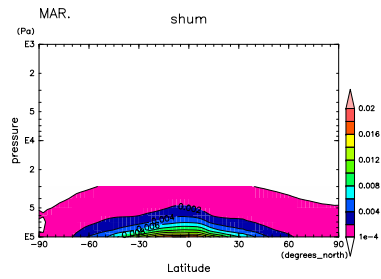


Figure 680: q at Mar. by NCEP

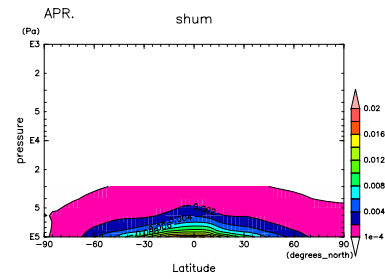


Figure 683: q at Apr. by NCEP

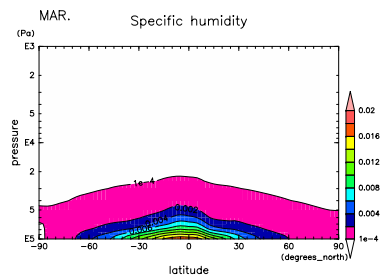


Figure 681: q at Mar. by ECMWF

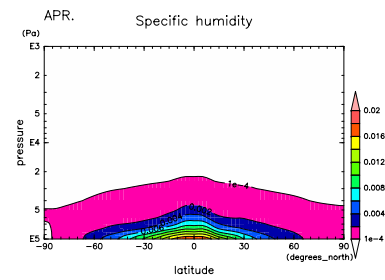


Figure 684: q at Apr. by ECMWF

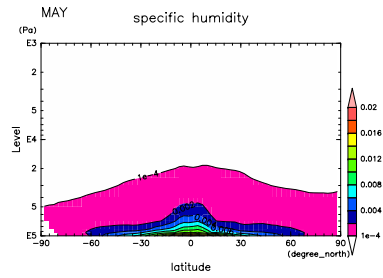


Figure 685: q at May by dcpam

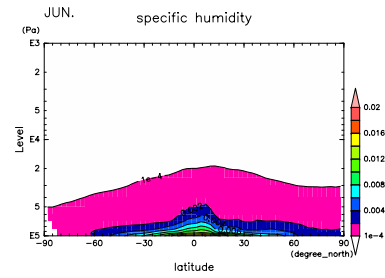


Figure 688: q at Jun. by dcpam

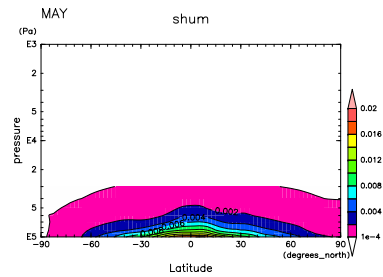


Figure 686: q at May by NCEP

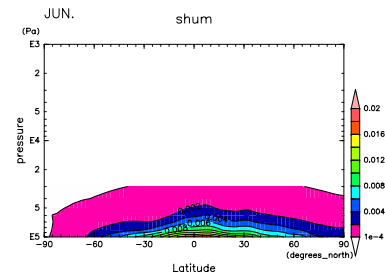


Figure 689: q at Jun. by NCEP

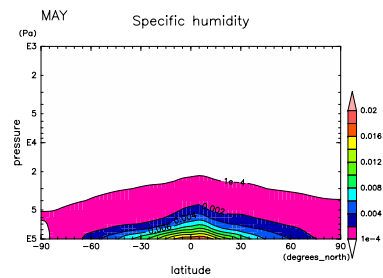


Figure 687: q at May by ECMWF

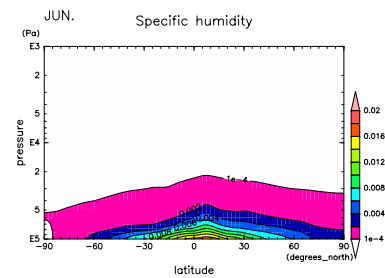


Figure 690: q at Jun. by ECMWF

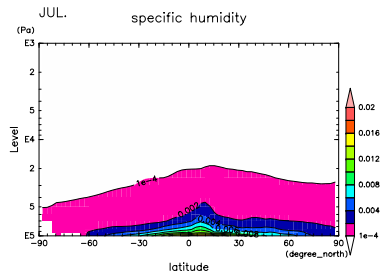


Figure 691: q at Jul. by dcpam

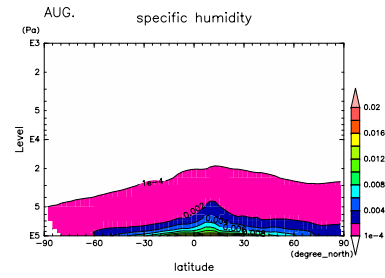


Figure 694: q at Aug. by dcpam

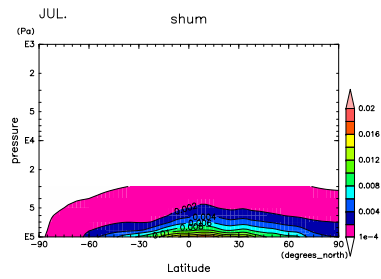


Figure 692: q at Jul. by NCEP

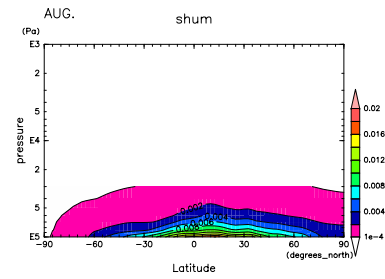


Figure 695: q at Aug. by NCEP

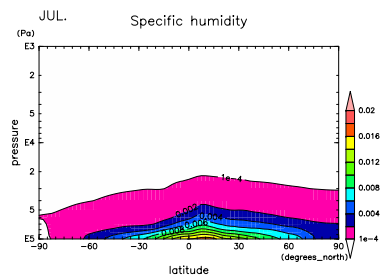


Figure 693: q at Jul. by ECMWF

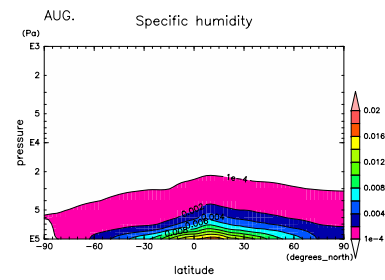


Figure 696: q at Aug. by ECMWF

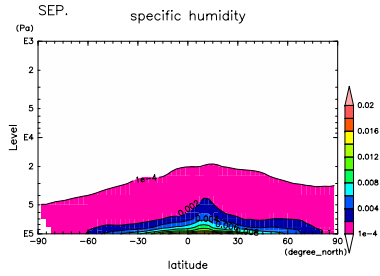


Figure 697: q at Sep. by dcpam

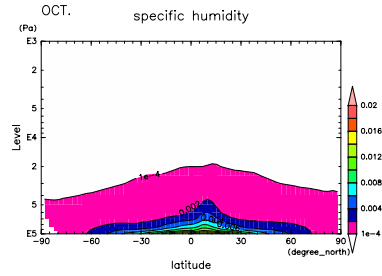


Figure 700: q at Oct. by dcpam

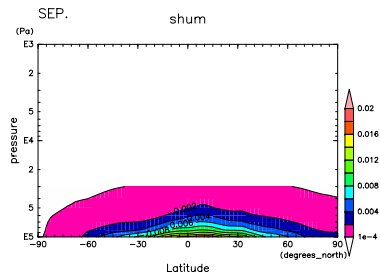


Figure 698: q at Sep. by NCEP

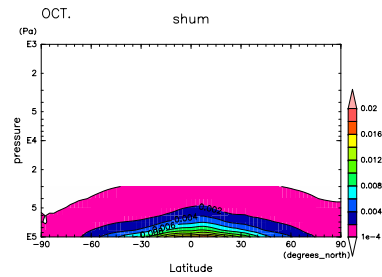


Figure 701: q at Oct. by NCEP

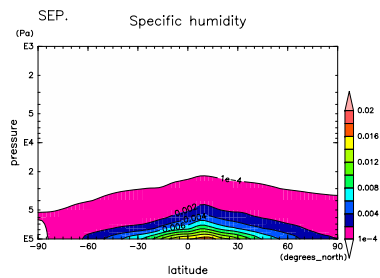


Figure 699: q at Sep. by ECMWF

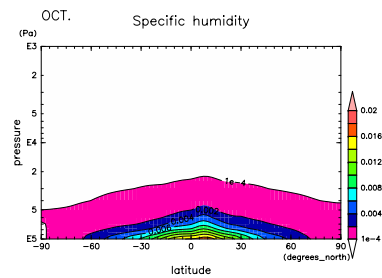


Figure 702: q at Oct. by ECMWF

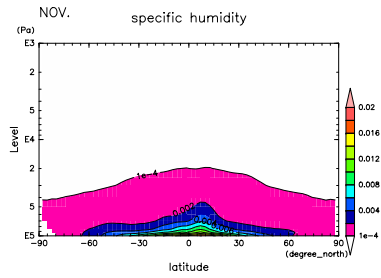


Figure 703: q at Nov. by dcpam

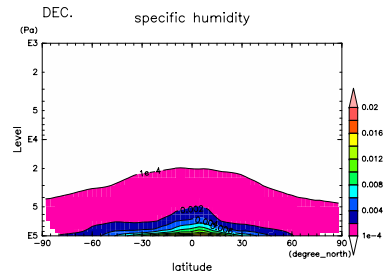


Figure 706: q at Dec. by dcpam

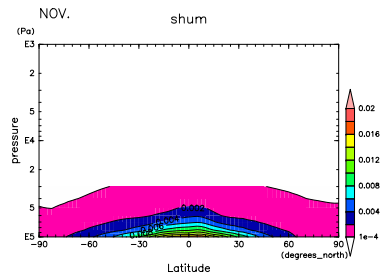


Figure 704: q at Nov. by NCEP

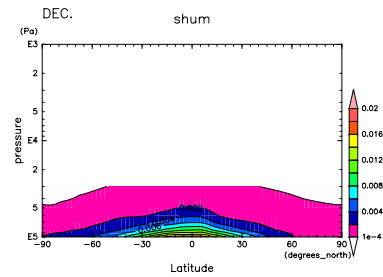


Figure 707: q at Dec. by NCEP

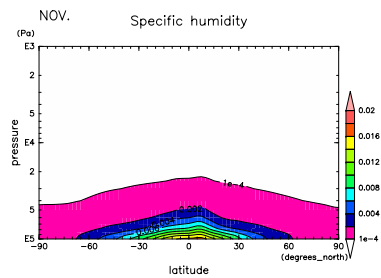


Figure 705: q at Nov. by ECMWF

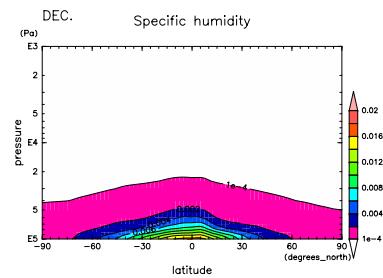


Figure 708: q at Dec. by ECMWF

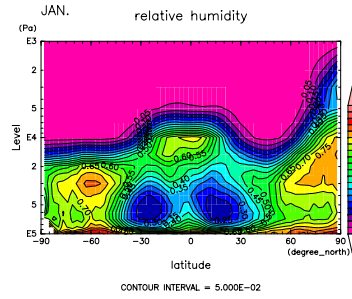


Figure 709: RH at Jan. by dcpam

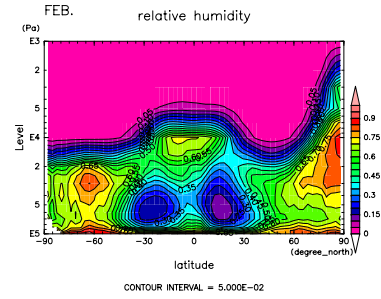


Figure 712: RH at Feb. by dcpam

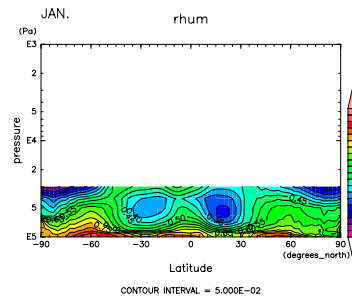


Figure 710: RH at Jan. by NCEP

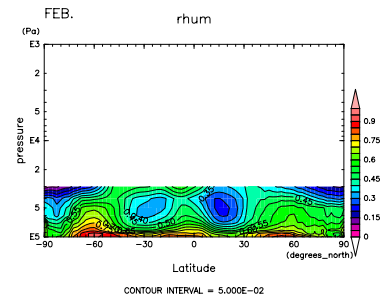


Figure 713: RH at Feb. by NCEP

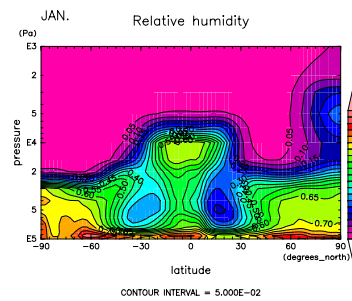


Figure 711: RH at Jan. by ECMWF

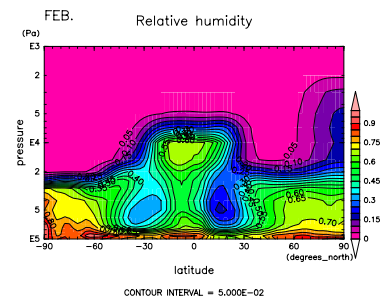


Figure 714: RH at Feb. by ECMWF

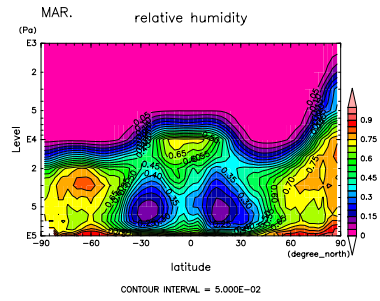


Figure 715: RH at Mar. by dcpam

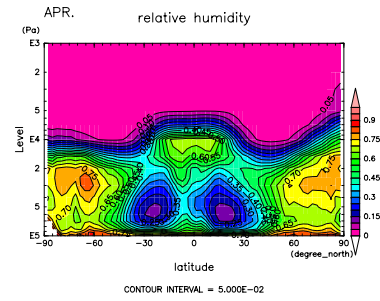


Figure 718: RH at Apr. by dcpam

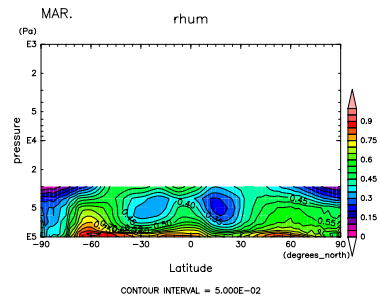


Figure 716: RH at Mar. by NCEP

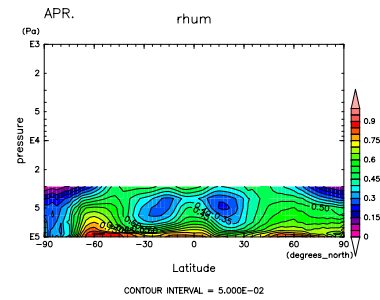


Figure 719: RH at Apr. by NCEP

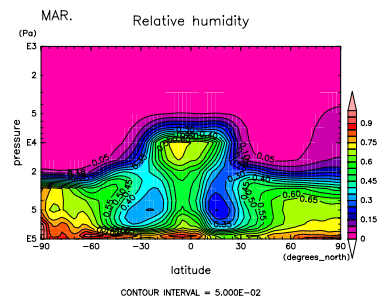


Figure 717: RH at Mar. by ECMWF

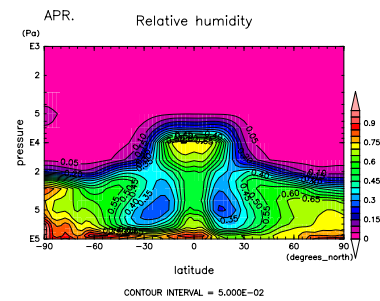


Figure 720: RH at Apr. by ECMWF

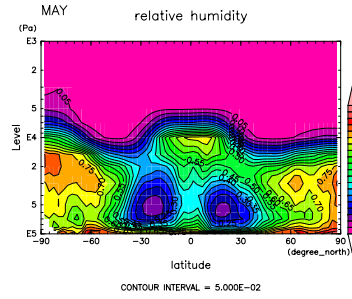


Figure 721: RH at May by dcpam

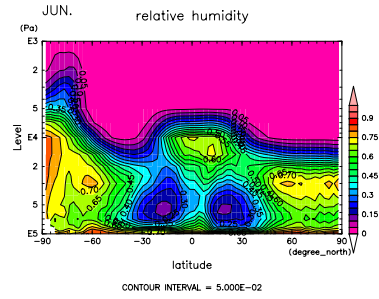


Figure 724: RH at Jun. by dcpam

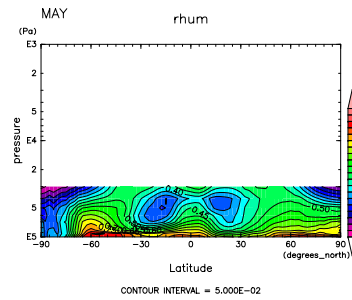


Figure 722: RH at May by NCEP

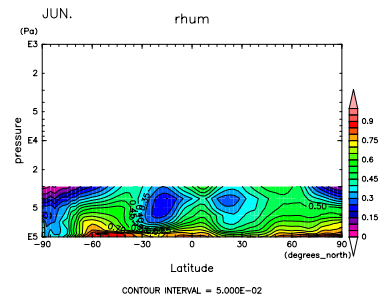


Figure 725: RH at Jun. by NCEP

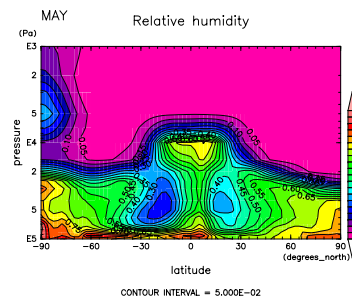


Figure 723: RH at May by ECMWF

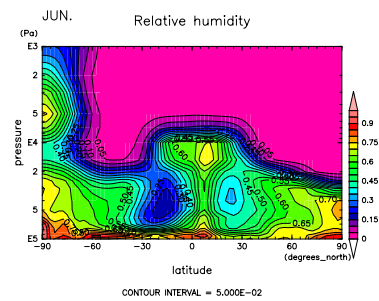


Figure 726: RH at Jun. by ECMWF

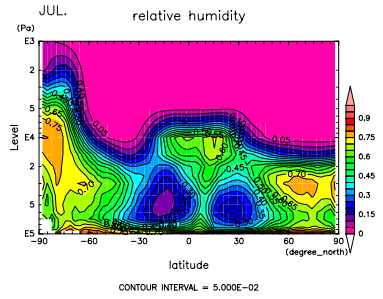


Figure 727: RH at Jul. by dcpam

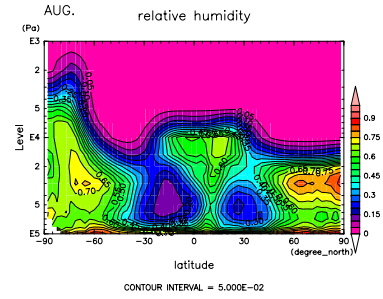


Figure 730: RH at Aug. by dcpam

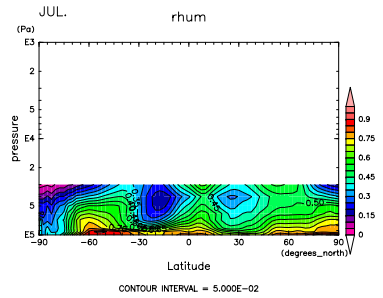


Figure 728: RH at Jul. by NCEP

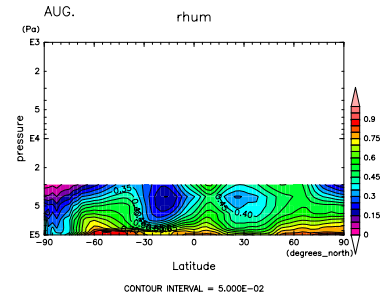


Figure 731: RH at Aug. by NCEP

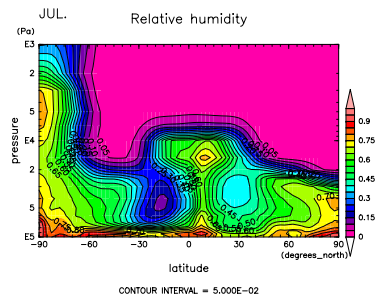


Figure 729: RH at Jul. by ECMWF

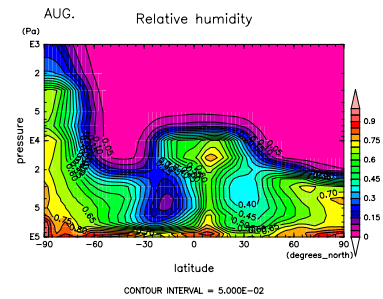


Figure 732: RH at Aug. by ECMWF

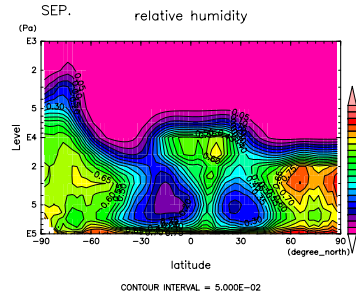


Figure 733: RH at Sep. by dcpam

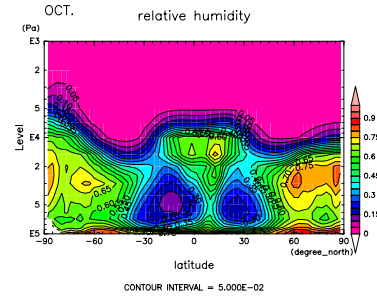


Figure 736: RH at Oct. by dcpam

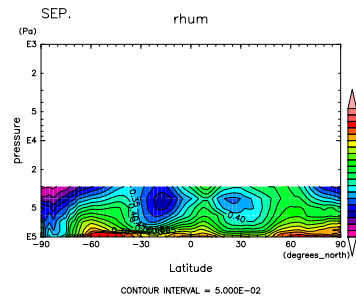


Figure 734: RH at Sep. by NCEP

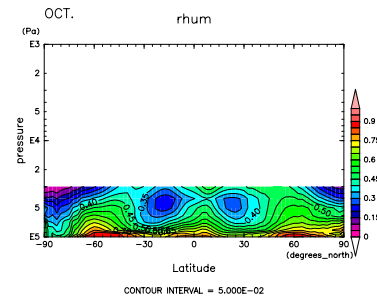


Figure 737: RH at Oct. by NCEP

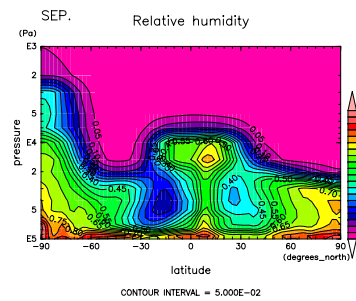


Figure 735: RH at Sep. by ECMWF

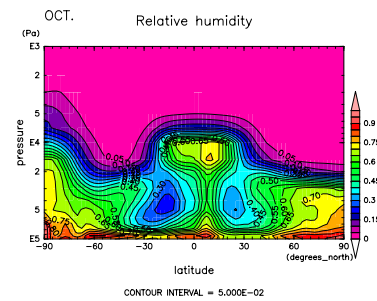


Figure 738: RH at Oct. by ECMWF

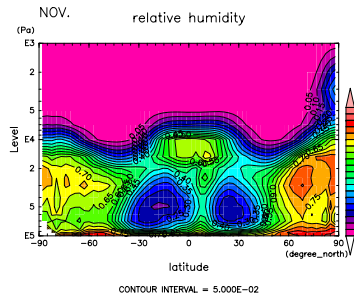


Figure 739: RH at Nov. by dcpam

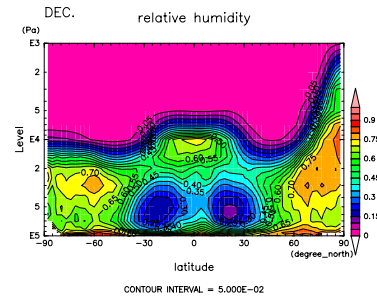


Figure 742: RH at Dec. by dcpam

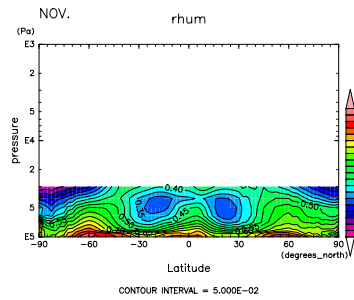


Figure 740: RH at Nov. by NCEP

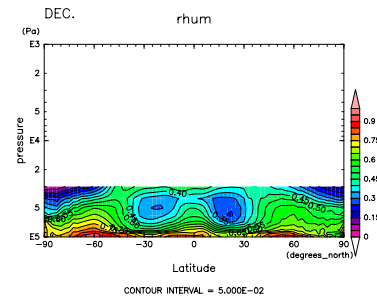


Figure 743: RH at Dec. by NCEP

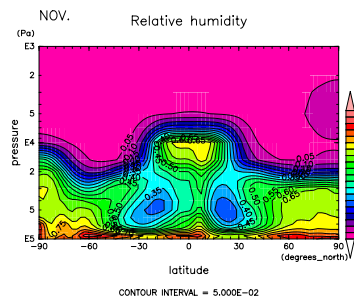


Figure 741: RH at Nov. by ECMWF

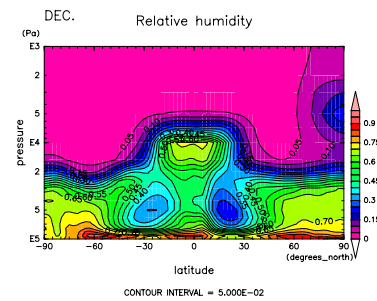


Figure 744: RH at Dec. by ECMWF

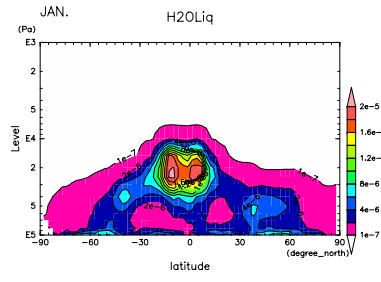


Figure 745: q_l at Jan. by dcpam

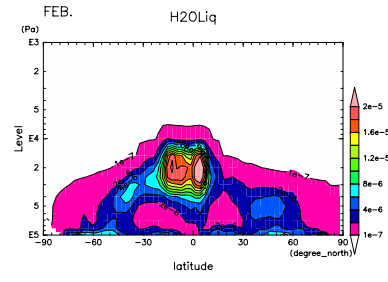


Figure 746: q_l at Feb. by dcpam

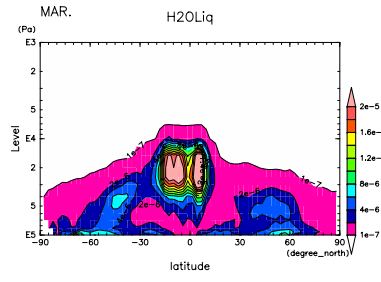


Figure 747: q_l at Mar. by dcpam

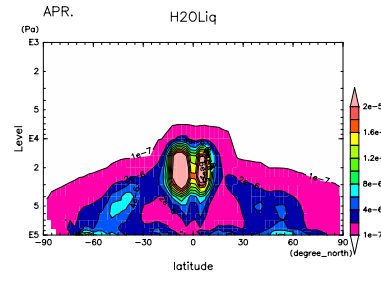


Figure 748: q_l at Apr. by dcpam

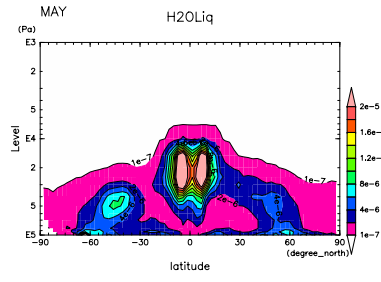


Figure 749: q_l at May by dcpam

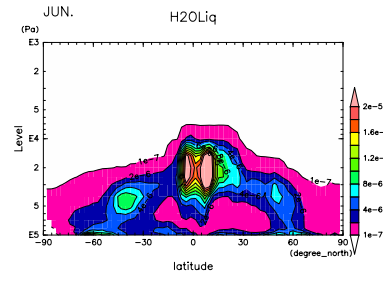


Figure 750: q_l at Jun. by dcpam

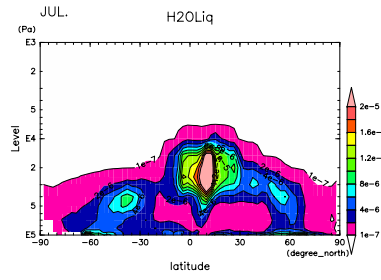


Figure 751: q_l at Jul. by dcpam

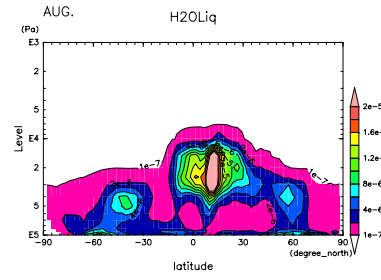


Figure 752: q_l at Aug. by dcpam

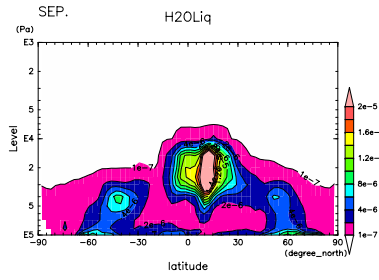


Figure 753: q_l at Sep. by dcpam

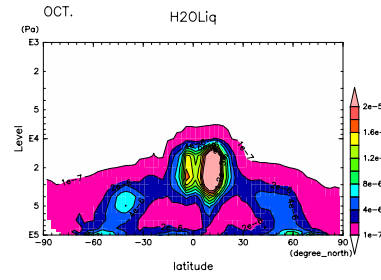


Figure 754: q_l at Oct. by dcpam

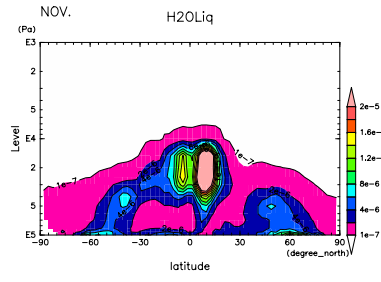


Figure 755: q_l at Nov. by dcpam

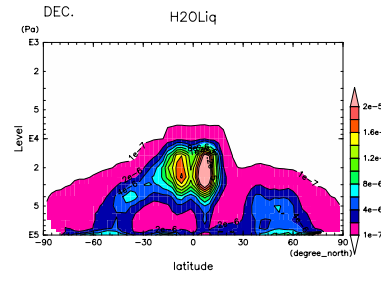


Figure 756: q_l at Dec. by dcpam

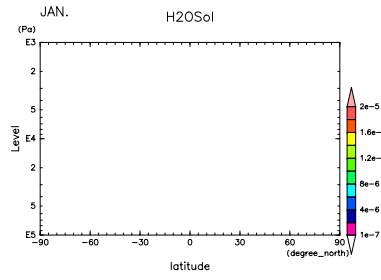


Figure 757: q_i at Jan. by dcpam

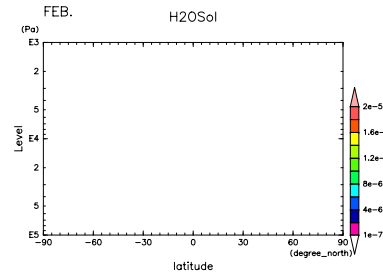


Figure 758: q_i at Feb. by dcpam

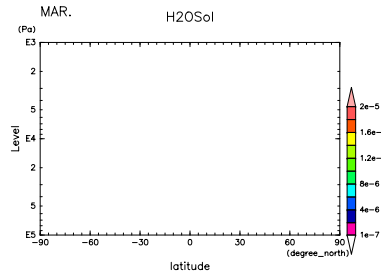


Figure 759: q_i at Mar. by dcpam

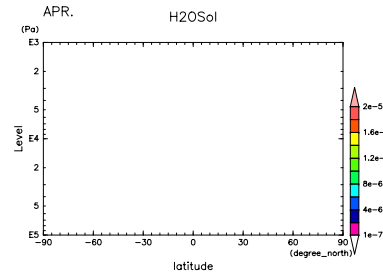


Figure 760: q_i at Apr. by dcpam

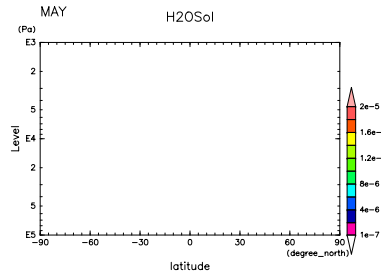


Figure 761: q_i at May by dcpam

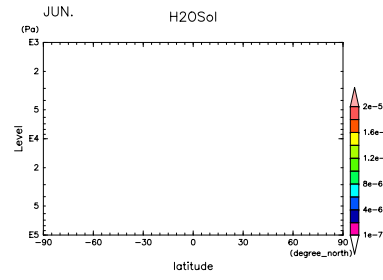


Figure 762: q_i at Jun. by dcpam

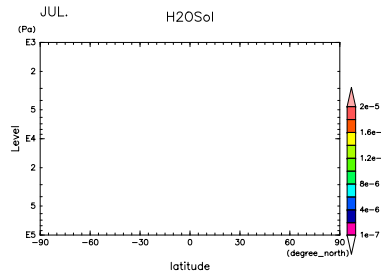


Figure 763: q_i at Jul. by dcpam

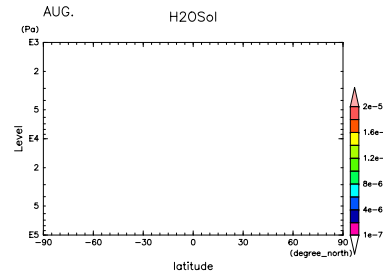


Figure 764: q_i at Aug. by dcpam

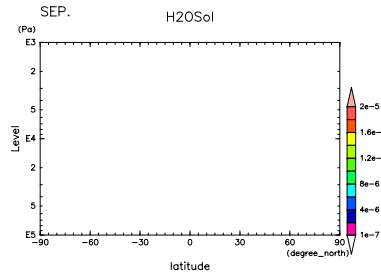


Figure 765: q_i at Sep. by dcpam

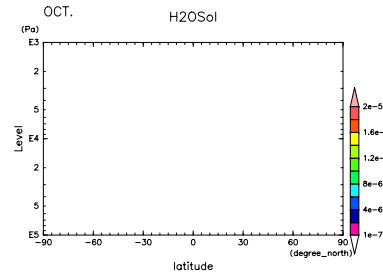


Figure 766: q_i at Oct. by dcpam

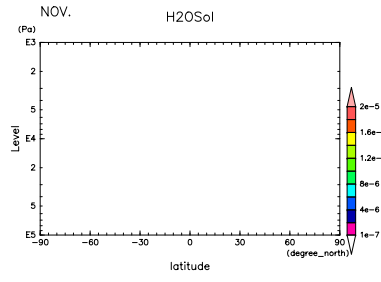


Figure 767: q_i at Nov. by dcpam

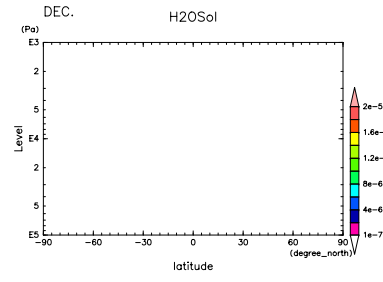


Figure 768: q_i at Dec. by dcpam

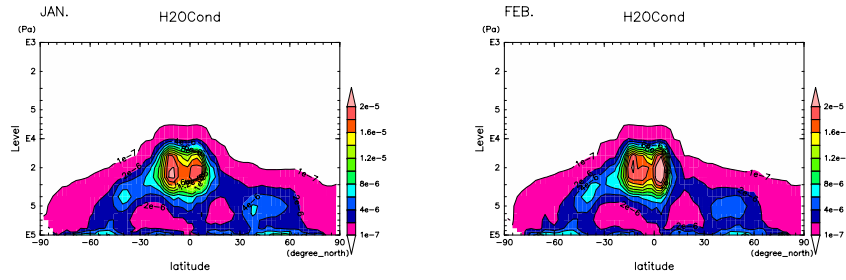


Figure 769: $q_l + q_i$ at Jan. by depam Figure 770: $q_l + q_i$ at Feb. by depam

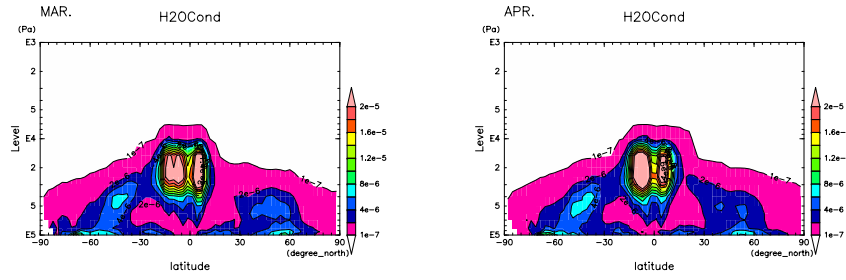


Figure 771: $q_l + q_i$ at Mar. by dcpam Figure 772: $q_l + q_i$ at Apr. by dcpam

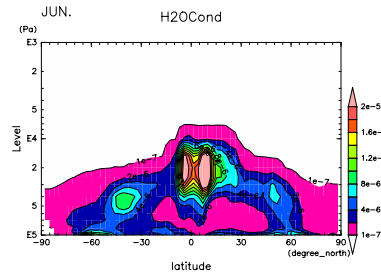
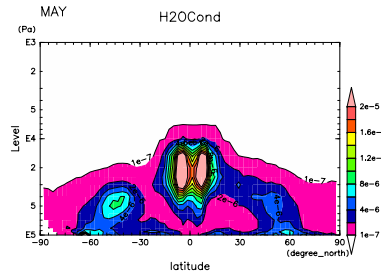


Figure 773: $q_l + q_i$ at May by depam Figure 774: $q_l + q_i$ at Jun. by depam

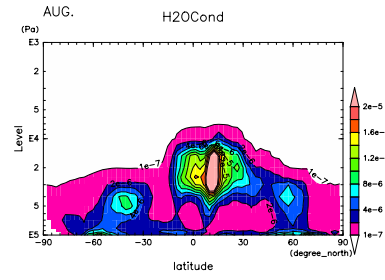
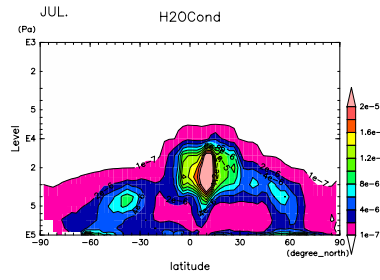


Figure 775: $q_l + q_i$ at Jul. by dcpam Figure 776: $q_l + q_i$ at Aug. by dcpam

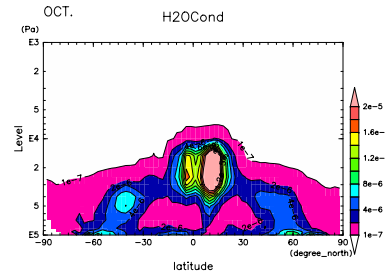
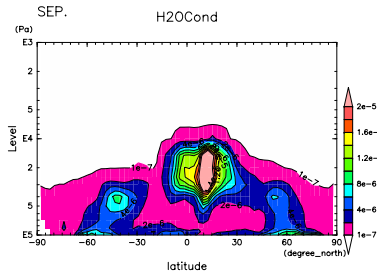


Figure 777: $q_l + q_i$ at Sep. by depam Figure 778: $q_l + q_i$ at Oct. by depam

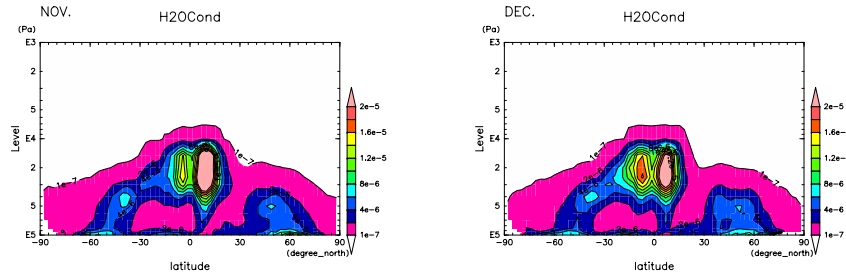


Figure 779: $q_l + q_i$ at Nov. by dpam Figure 780: $q_l + q_i$ at Dec. by dpam