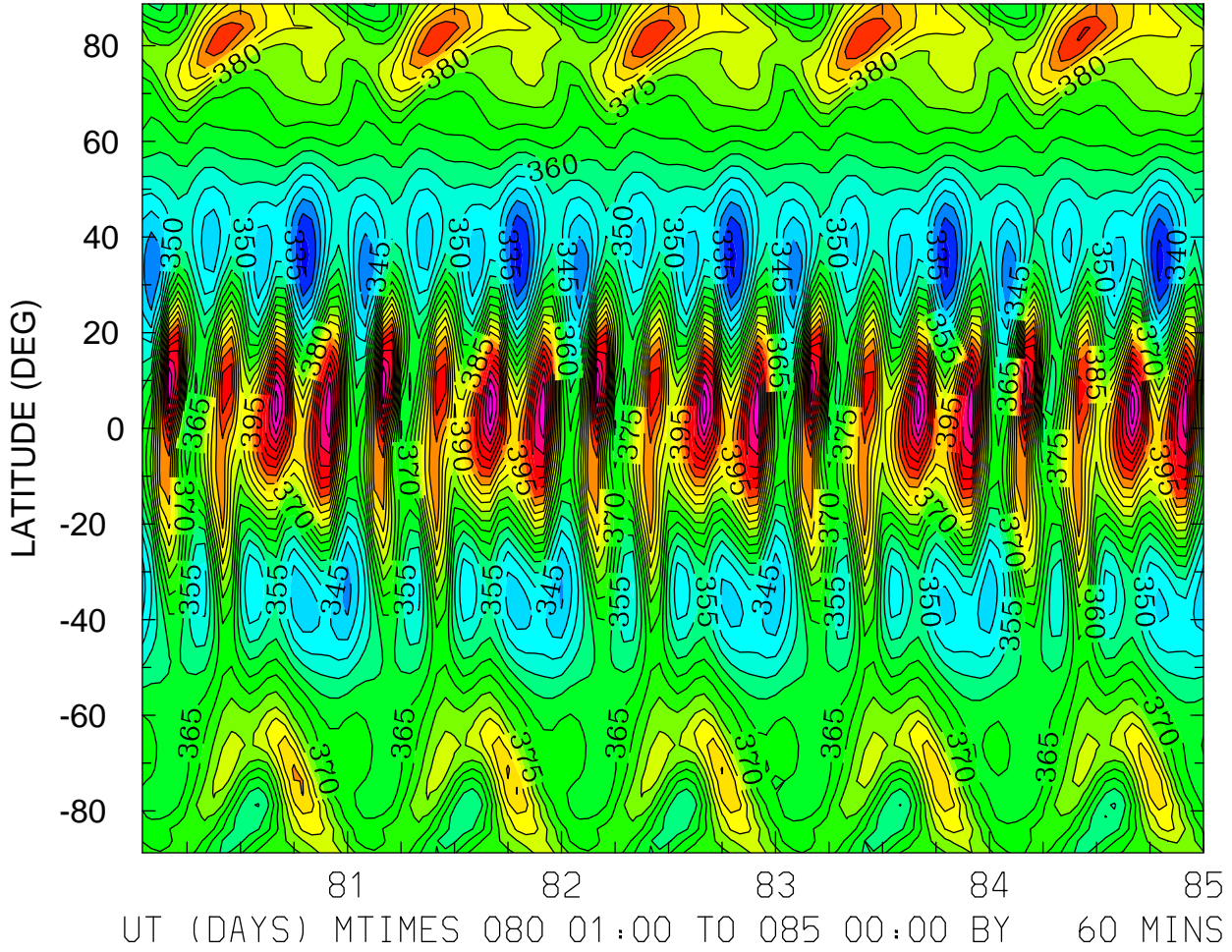
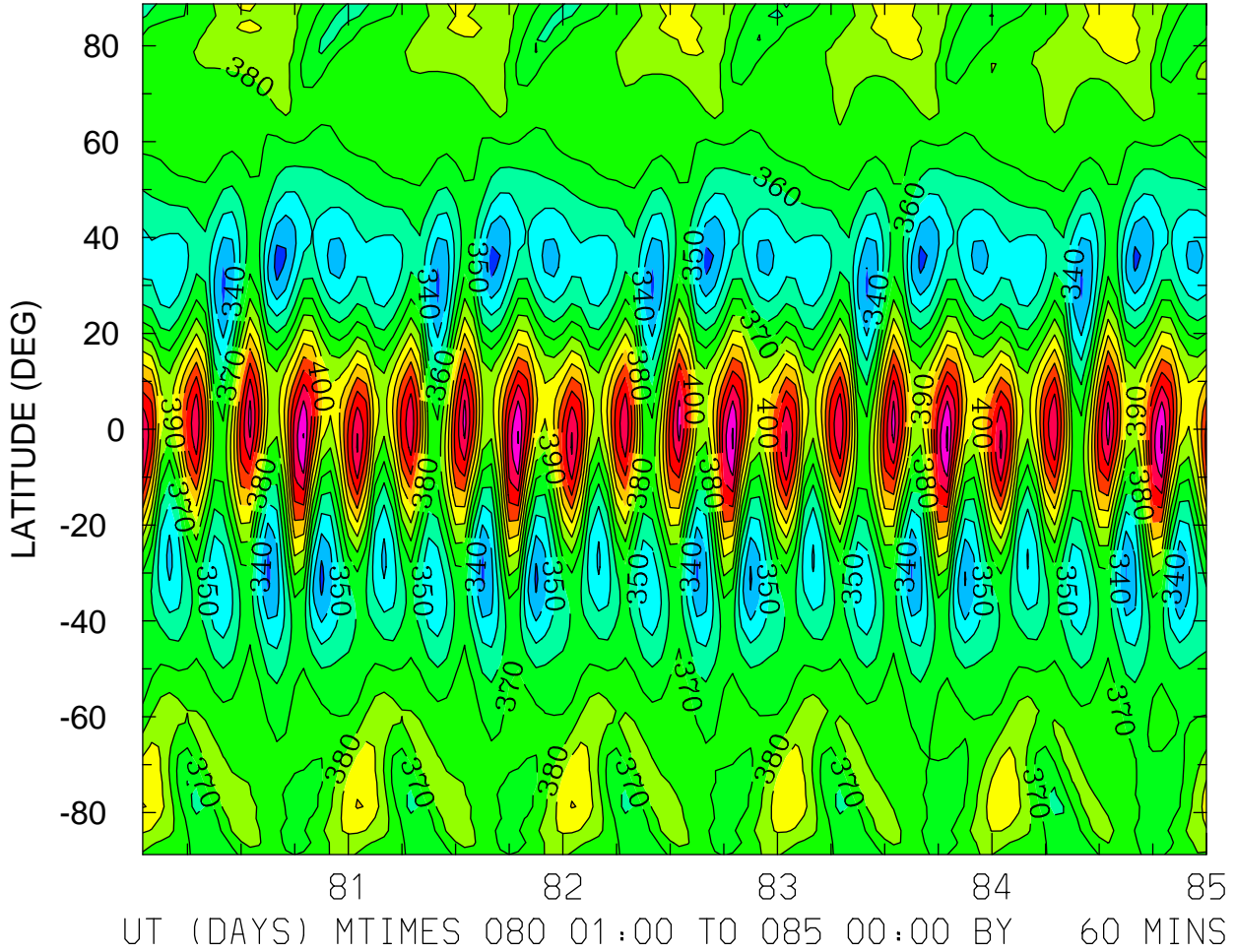


NEUTRAL TEMPERATURE (DEG K)  
ZP = -4.000 LOCAL TIME = 0.00



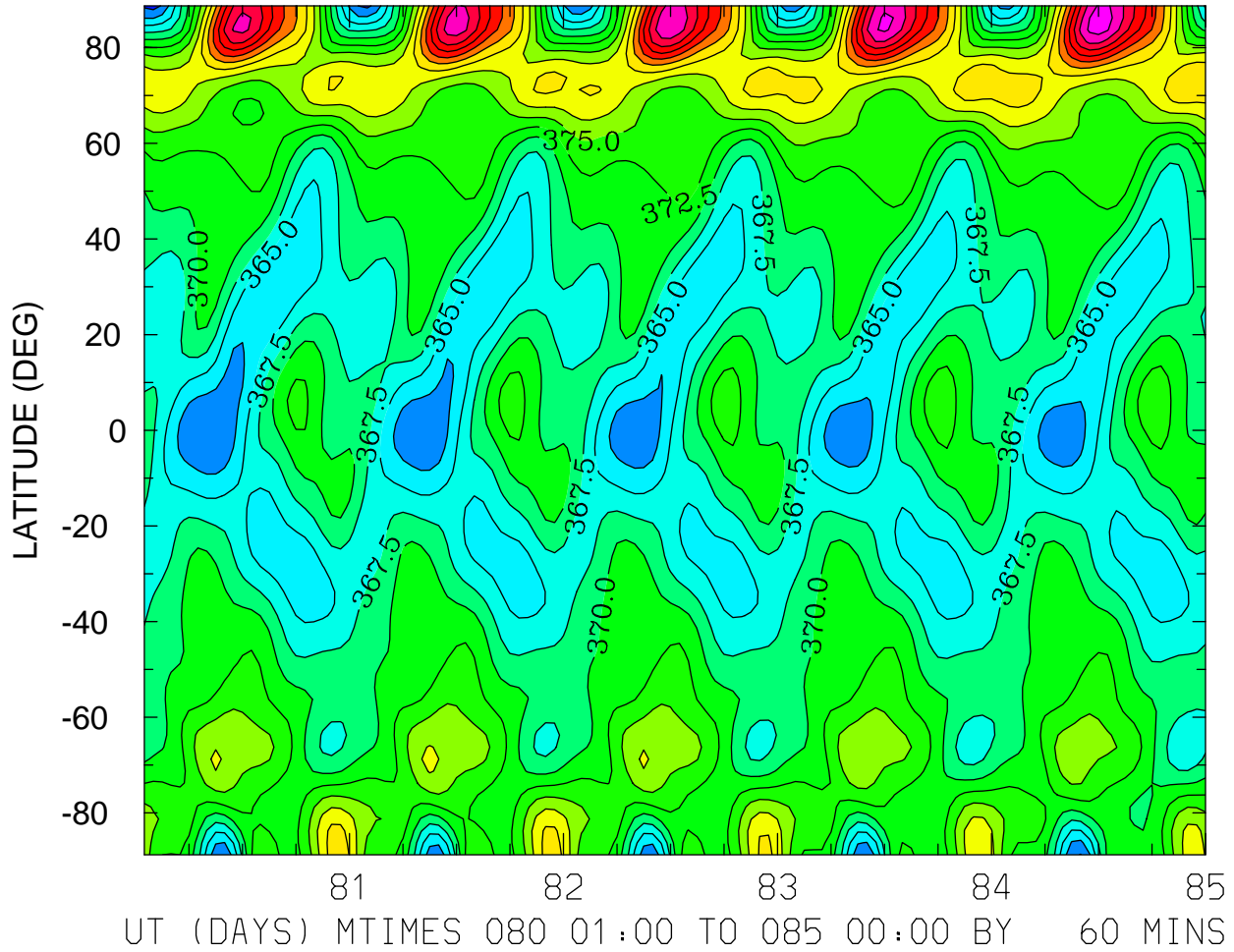
MIN,MAX= 3.2795E+02 4.3305E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
ZP = -4.000 LOCAL TIME = 12.00



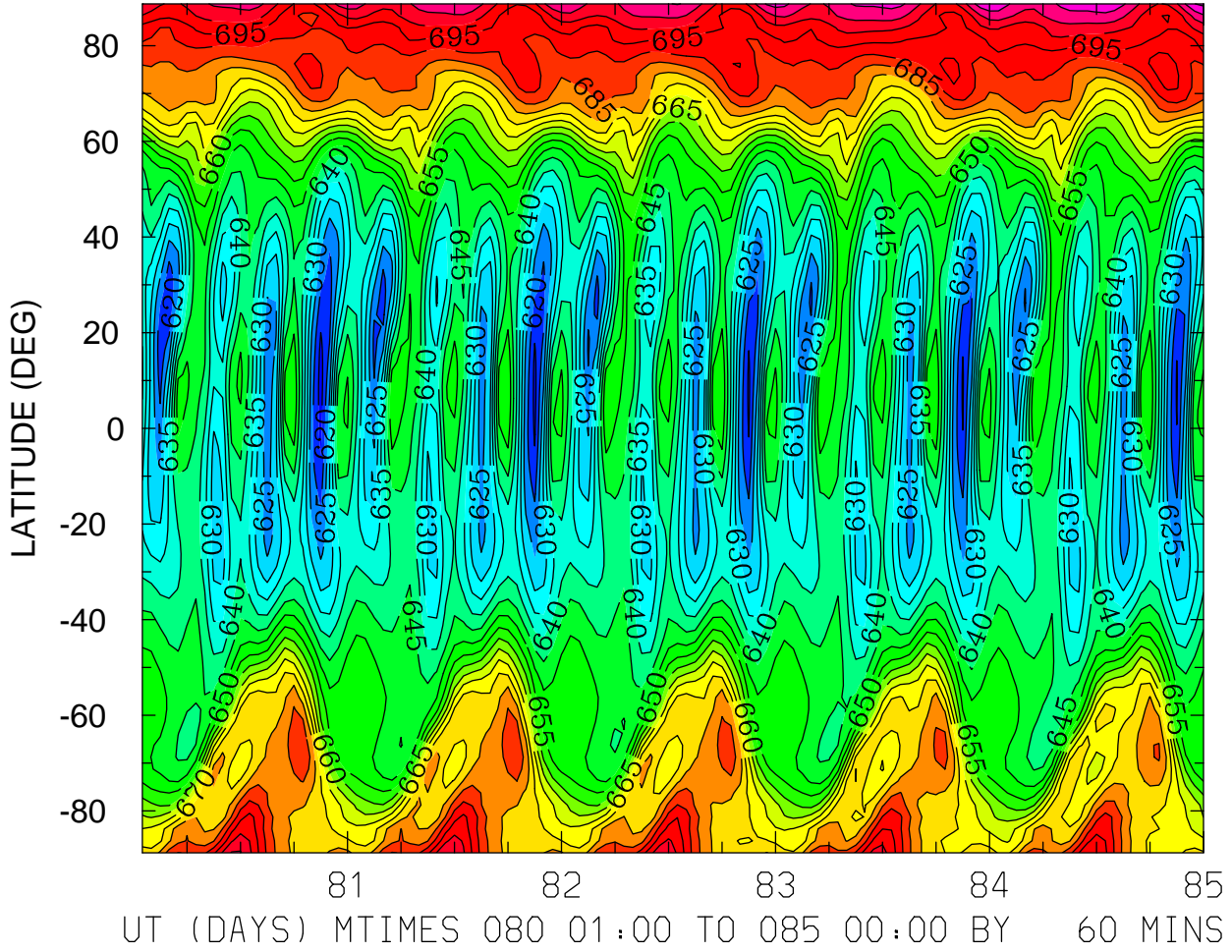
MIN,MAX= 3.2657E+02 4.5166E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
ZP = -4.000 ZONAL MEANS



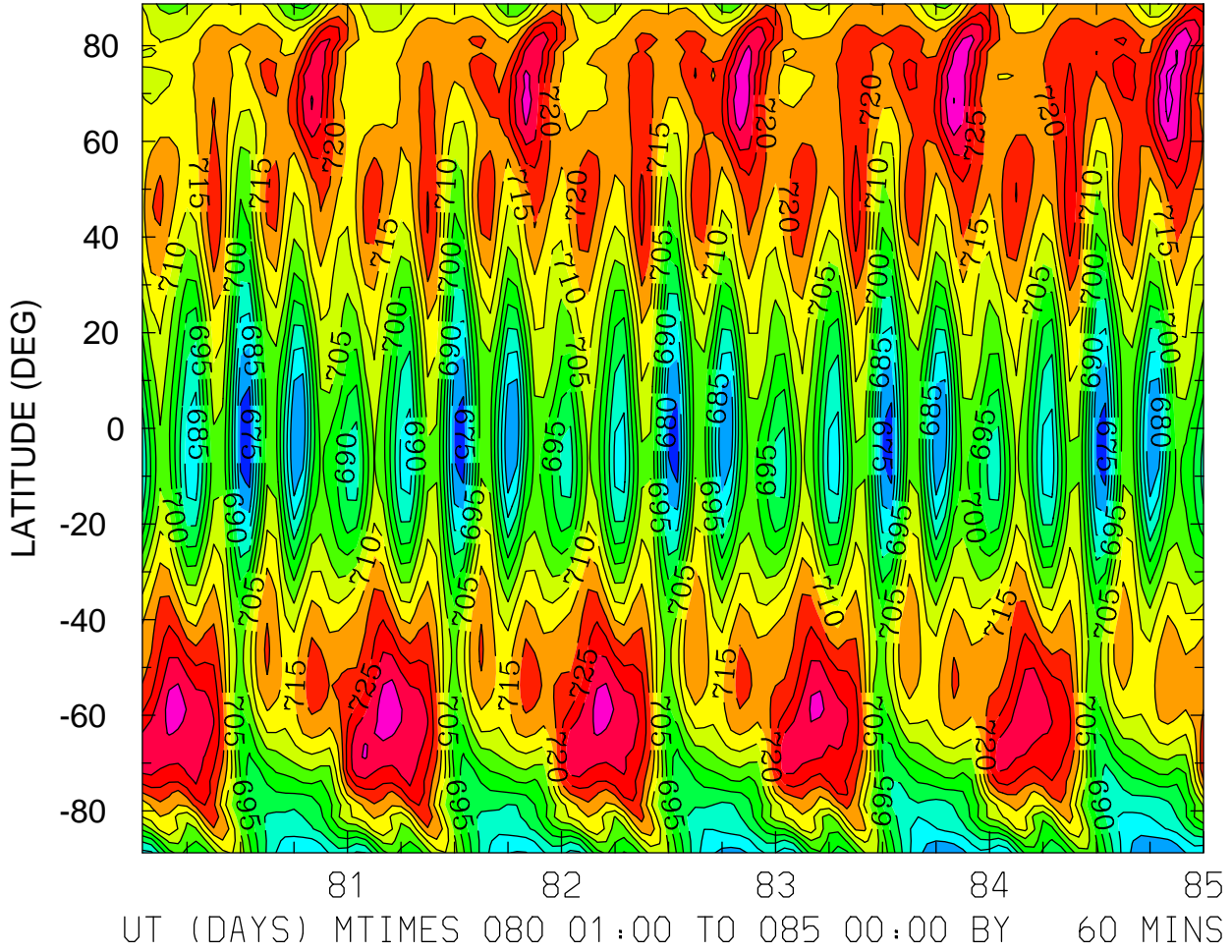
MIN,MAX= 3.5889E+02 3.9632E+02 INTERVAL= 2.5000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
ZP = 0.000 LOCAL TIME = 0.00



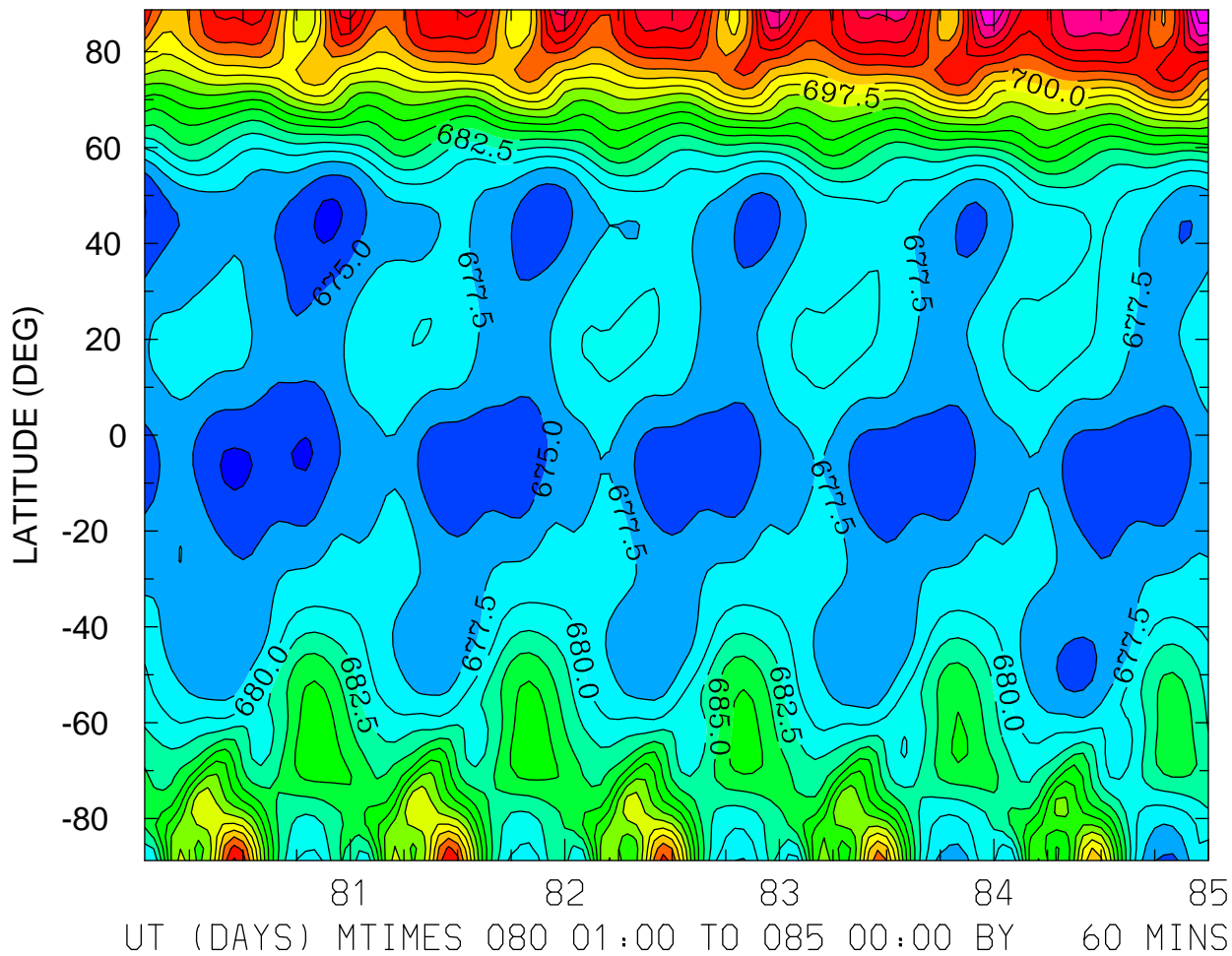
MIN,MAX= 6.1276E+02 7.1624E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
ZP = 0.000 LOCAL TIME = 12.00



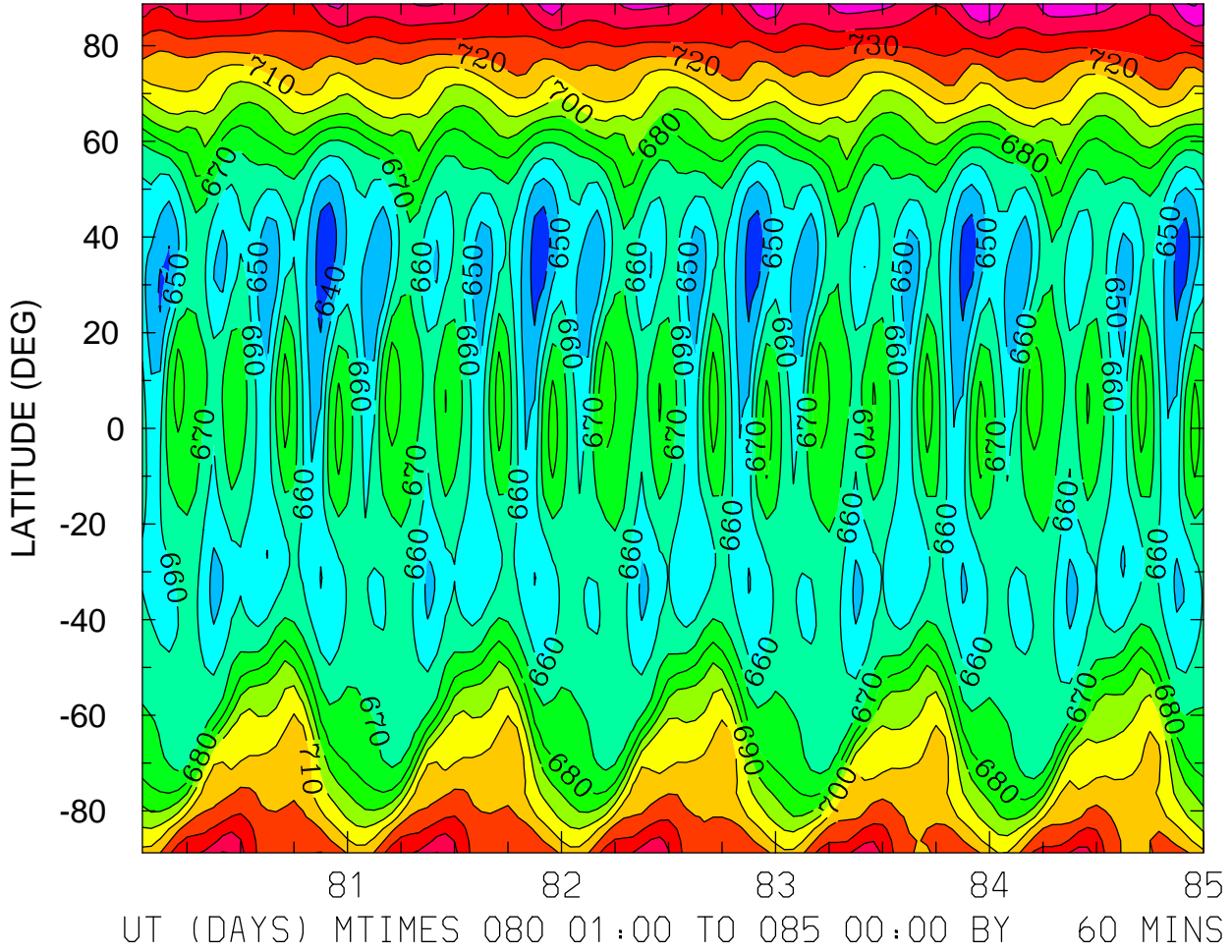
MIN,MAX= 6.7154E+02 7.4165E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
ZP = 0.000 ZONAL MEANS



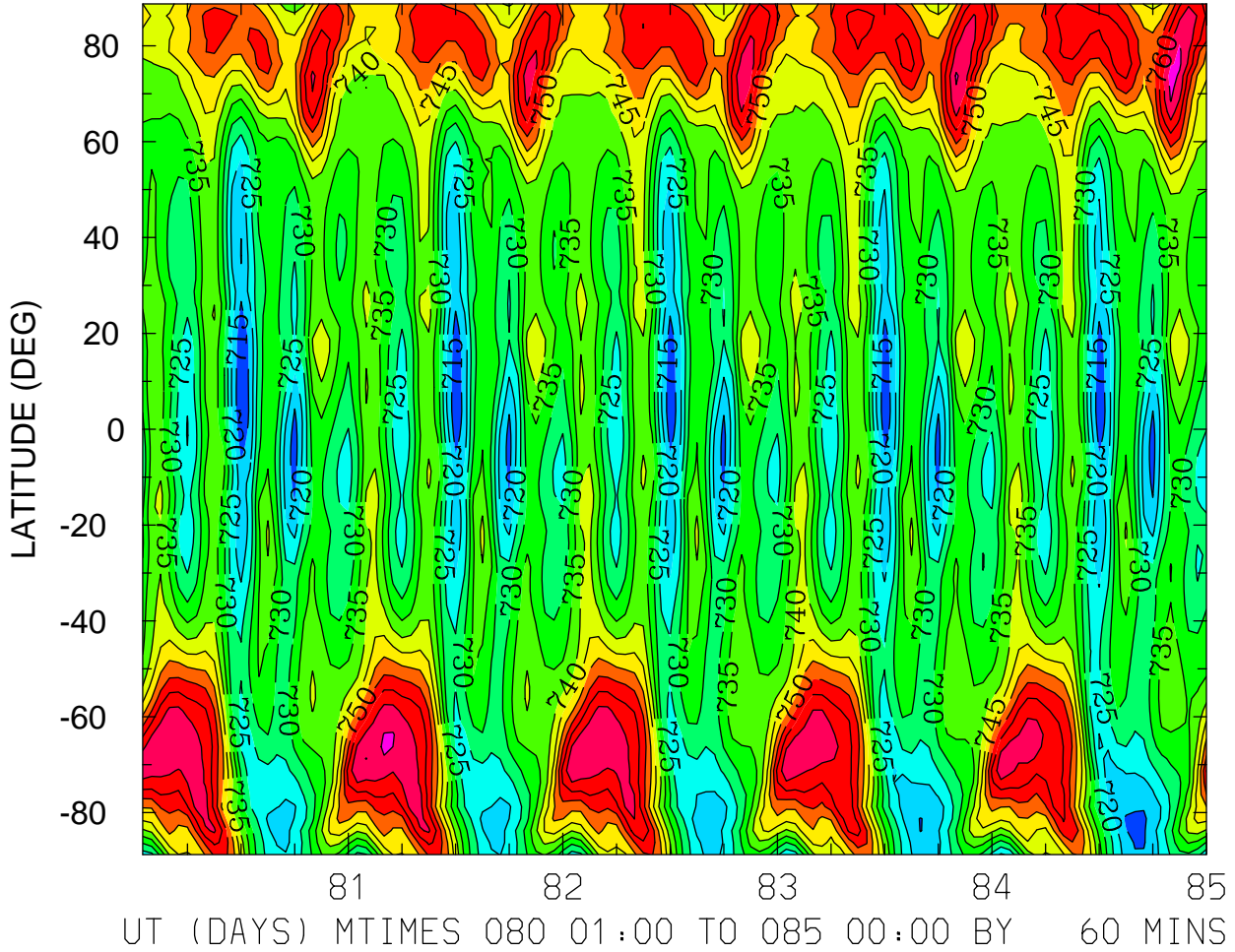
MIN,MAX= 6.7199E+02 7.1954E+02 INTERVAL= 2.5000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
ZP = 4.000 LOCAL TIME = 0.00



MIN,MAX= 6.3375E+02 7.6081E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

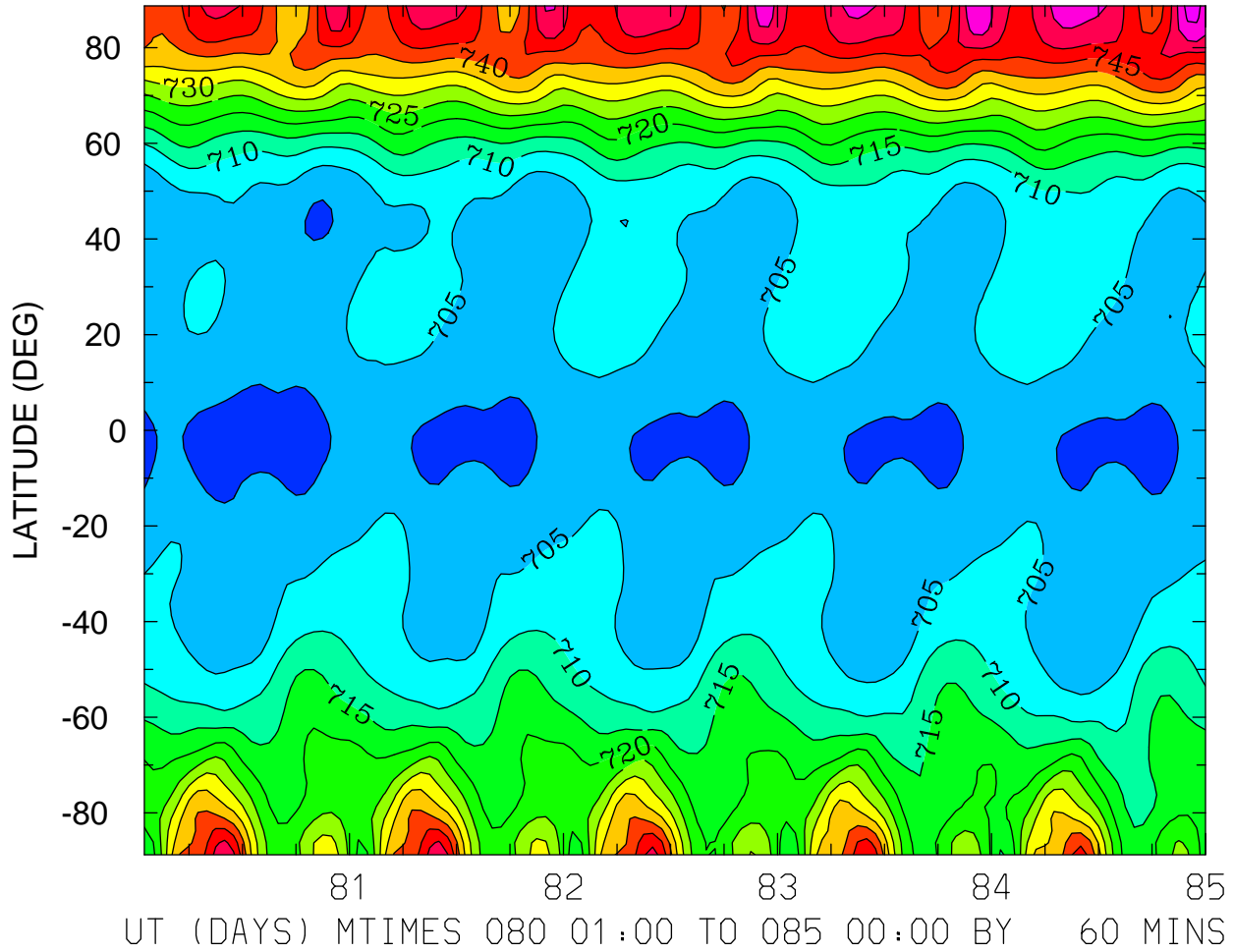
NEUTRAL TEMPERATURE (DEG K)  
ZP = 4.000 LOCAL TIME = 12.00



MIN,MAX= 7.1016E+02 7.7228E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

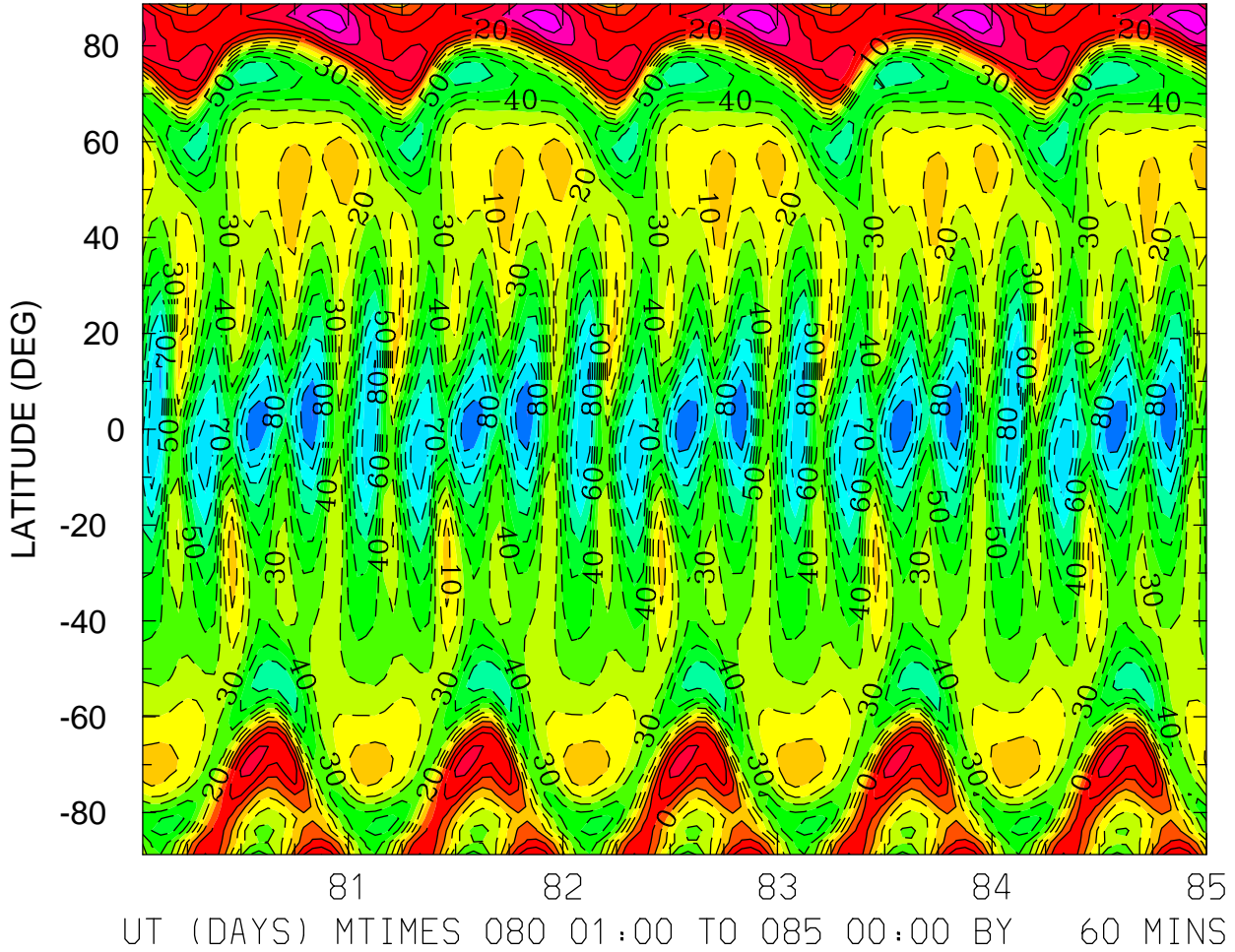


NEUTRAL TEMPERATURE (DEG K)  
ZP = 4.000 ZONAL MEANS



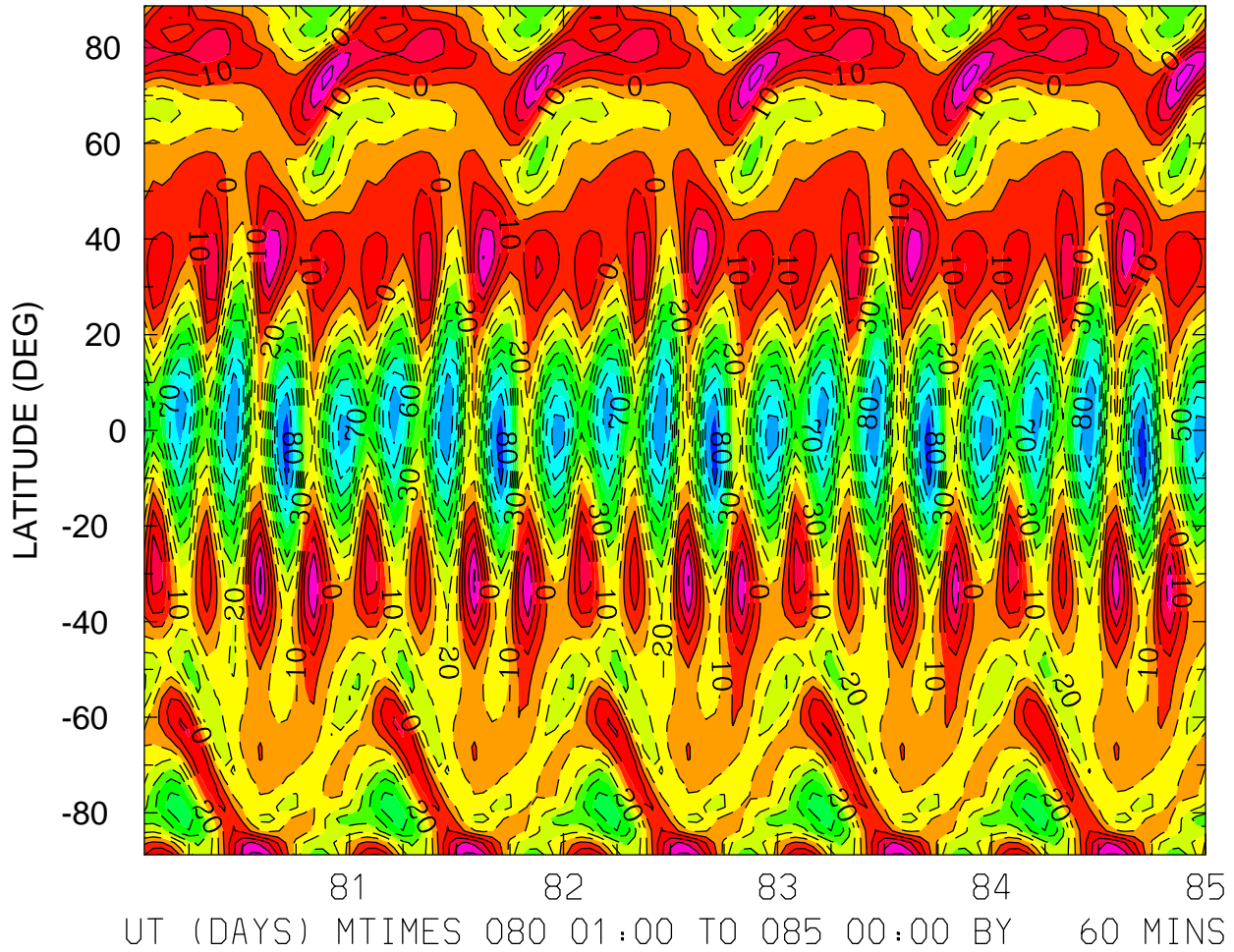
MIN,MAX= 6.9743E+02 7.6205E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
ZP = -4.000 LOCAL TIME = 0.00



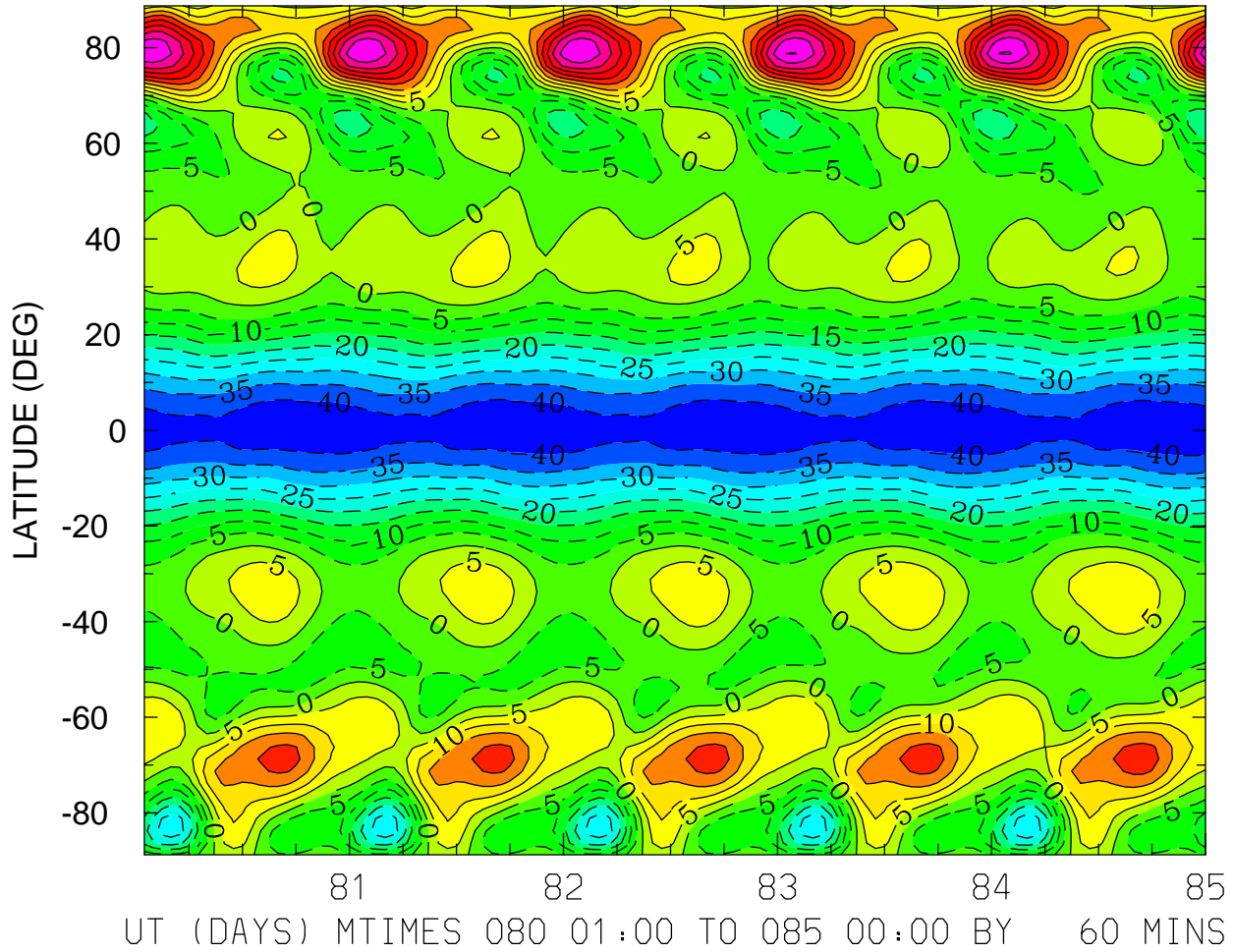
MIN,MAX= -1.0056E+02 5.4964E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
ZP = -4.000 LOCAL TIME = 12.00



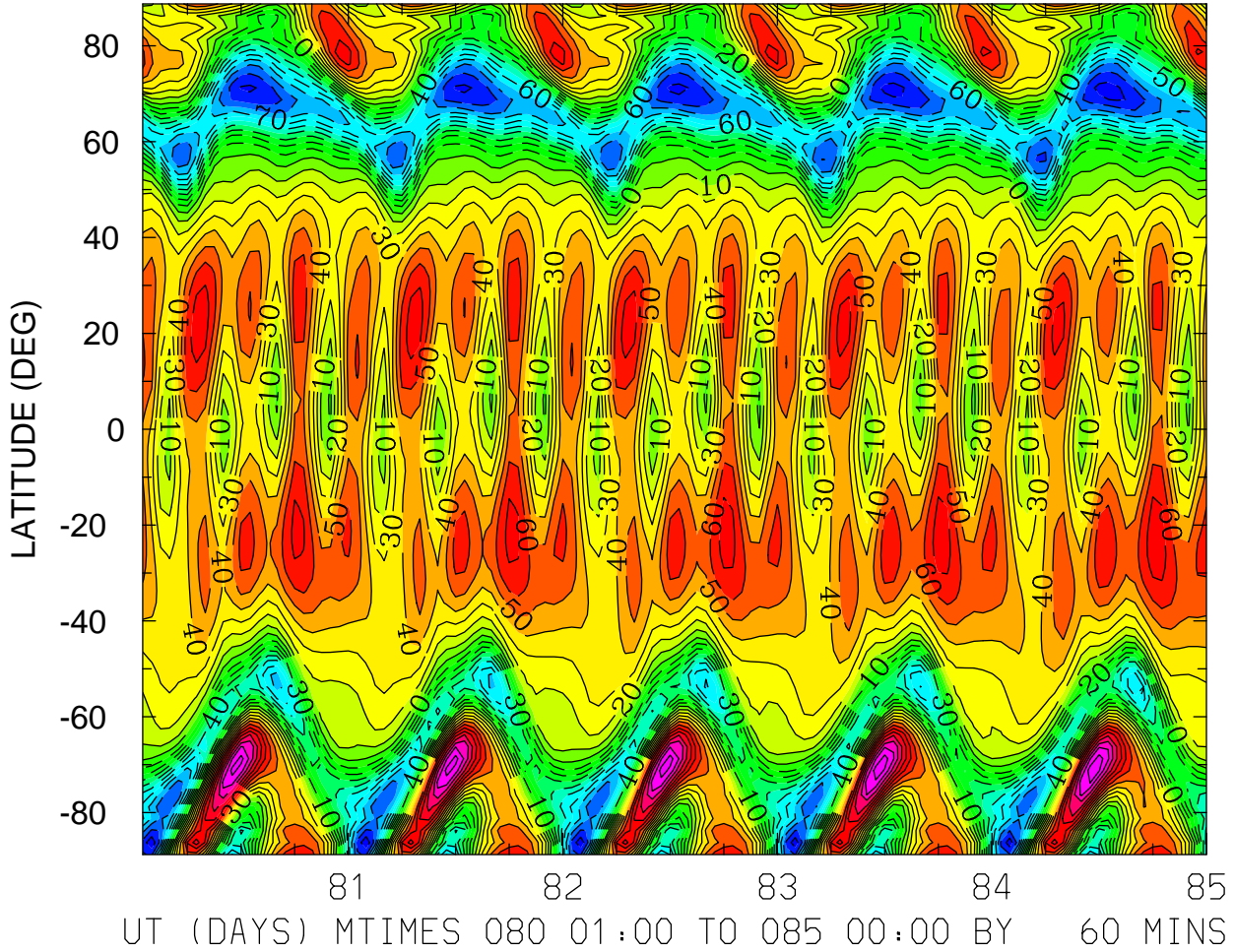
MIN,MAX= -9.7135E+01 4.2769E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
ZP = -4.000 ZONAL MEANS



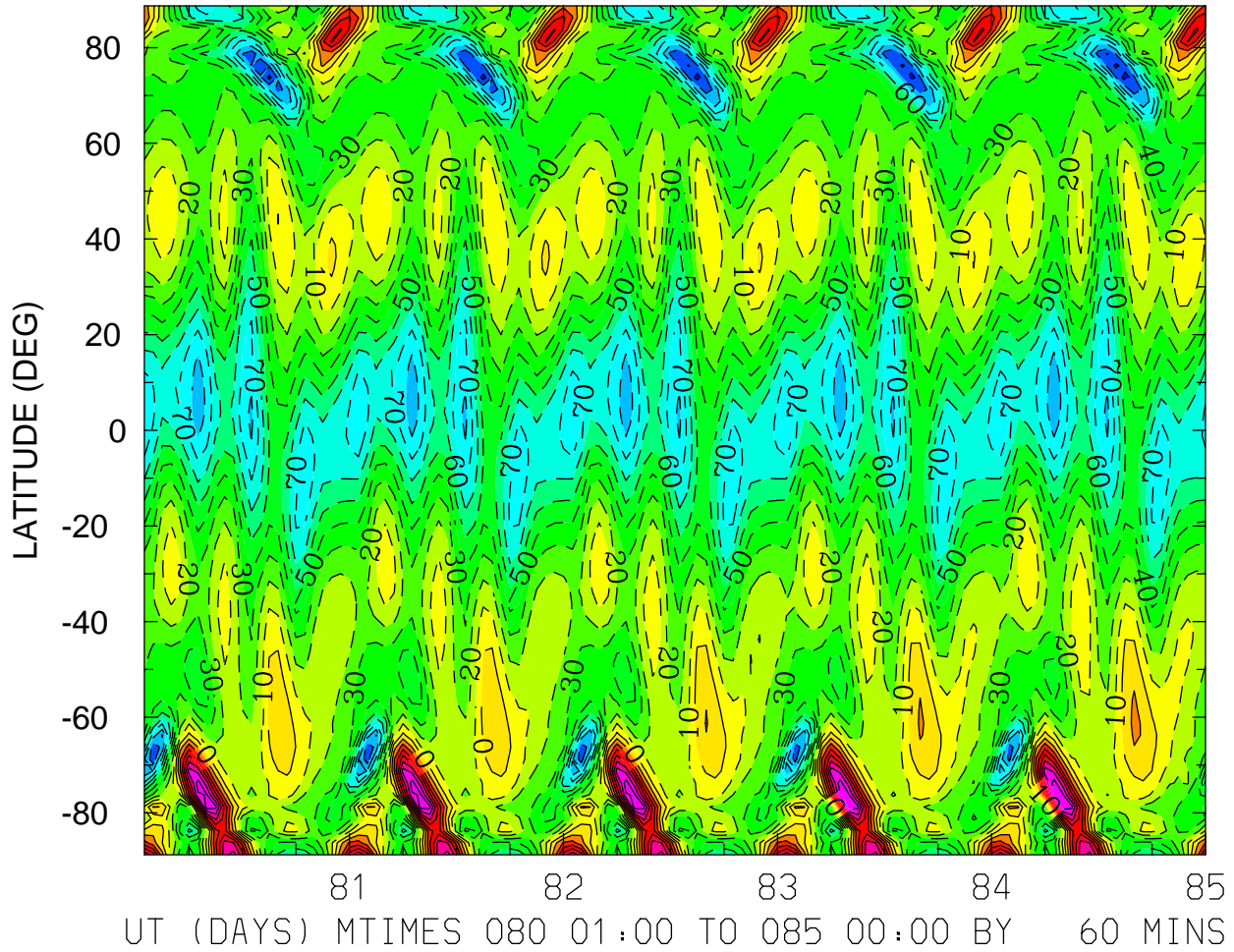
MIN,MAX= -4.3396E+01 4.5434E+01 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
ZP = 0.000 LOCAL TIME = 0.00



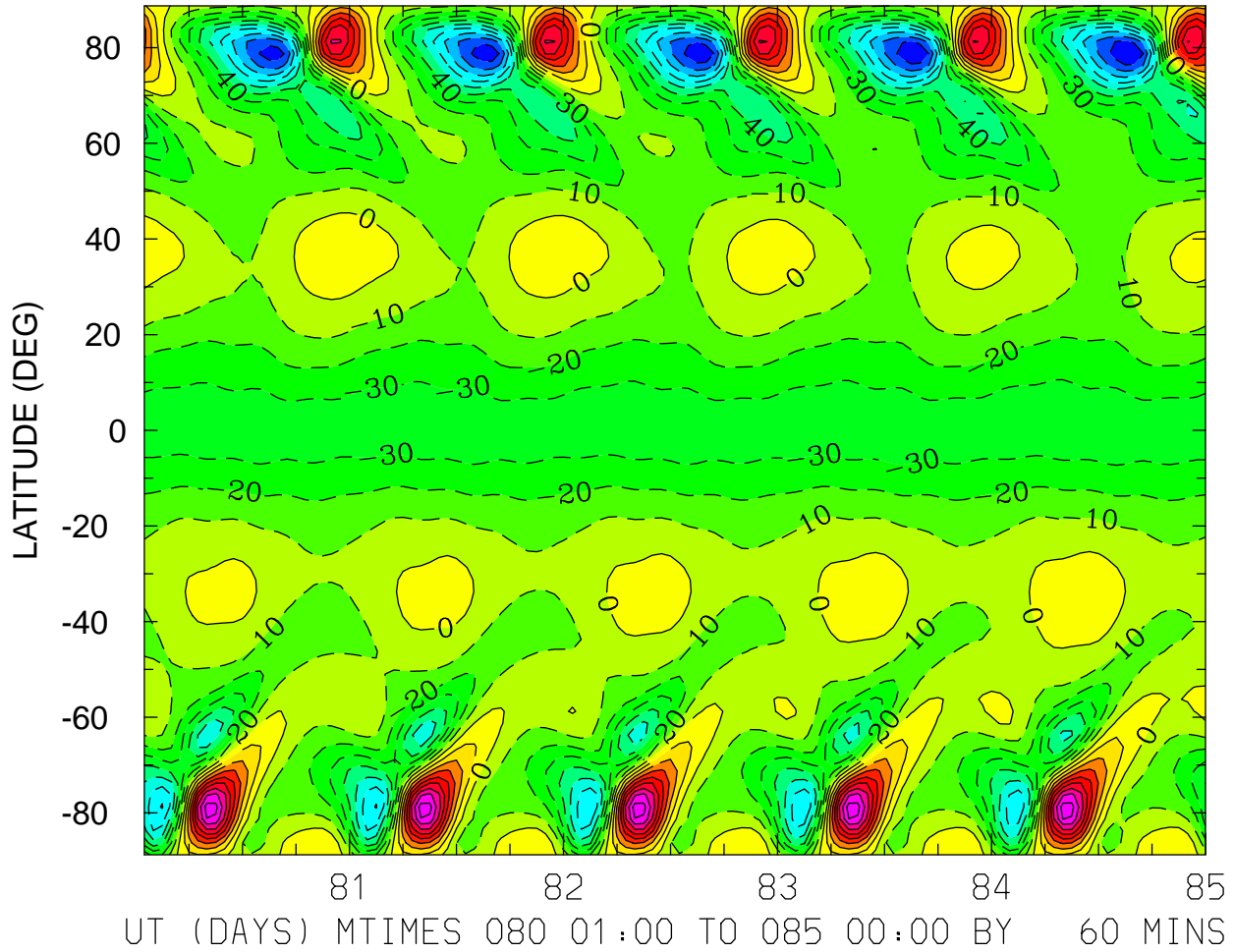
MIN,MAX= -1.0856E+02 1.2692E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
ZP = 0.000 LOCAL TIME = 12.00



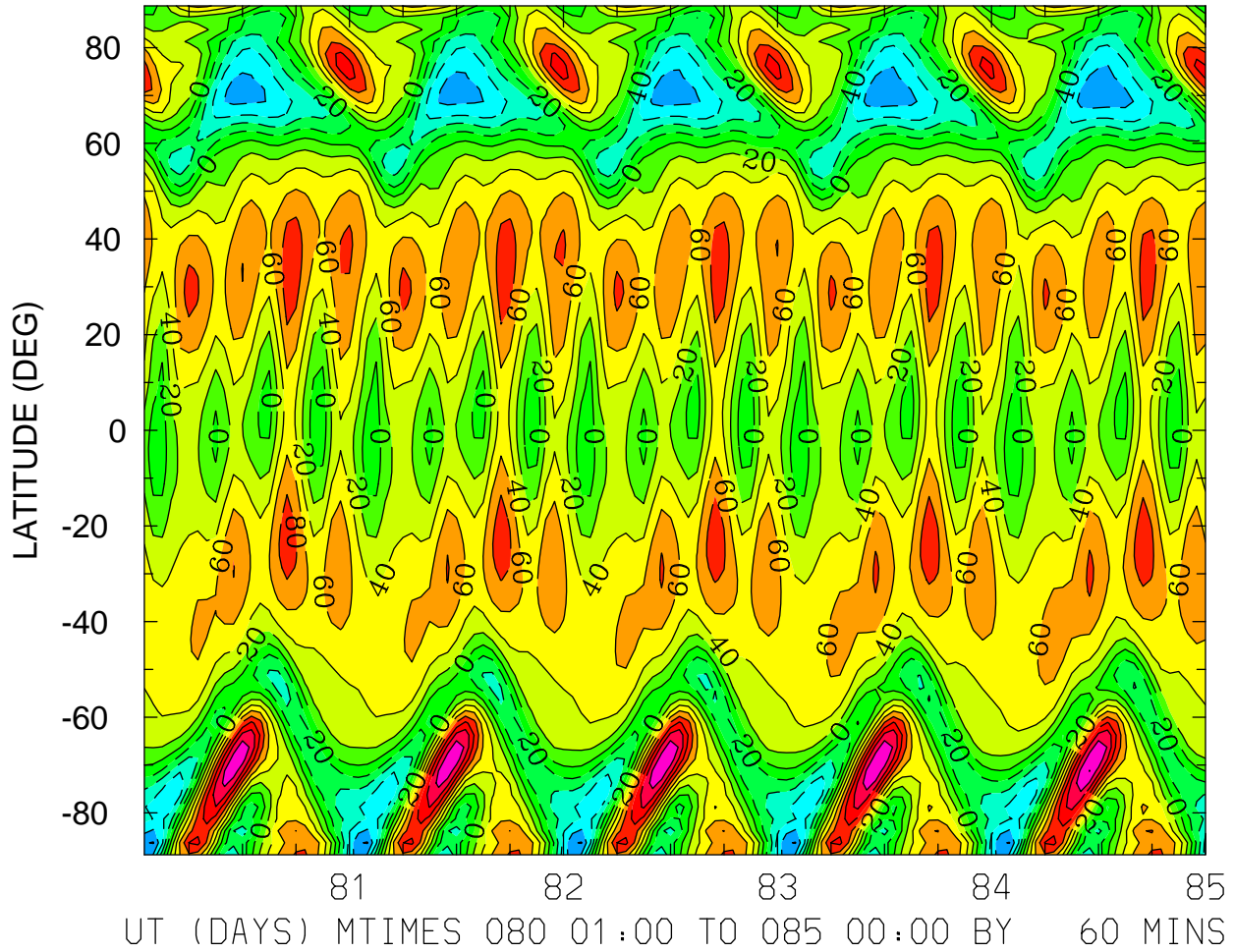
MIN,MAX= -1.0589E+02 7.8682E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
ZP = 0.000 ZONAL MEANS



MIN,MAX= -9.9485E+01 8.5086E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

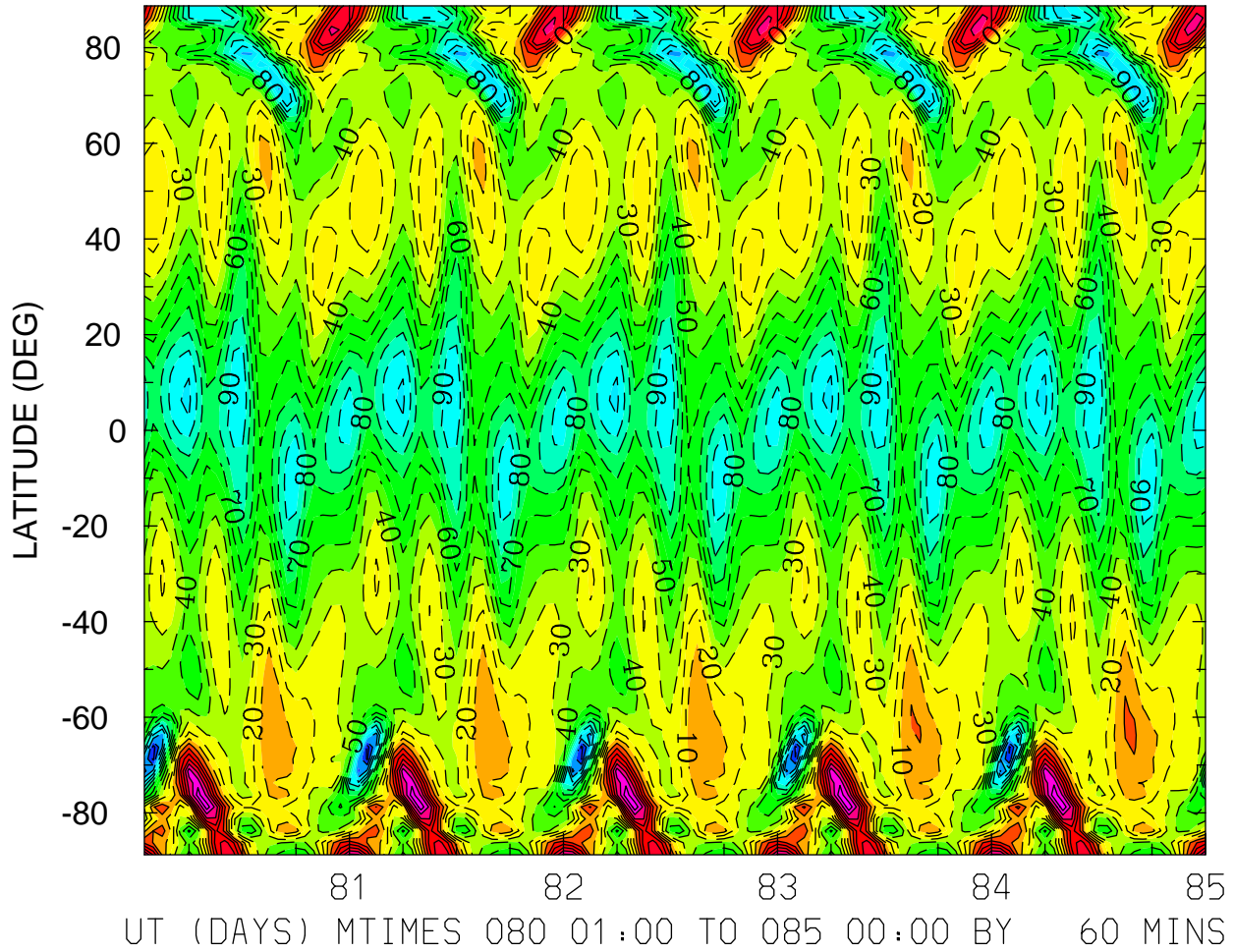
NEUTRAL ZONAL WIND (M/S)  
ZP = 4.000 LOCAL TIME = 0.00



MIN,MAX= -1.0142E+02 1.6039E+02 INTERVAL= 2.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

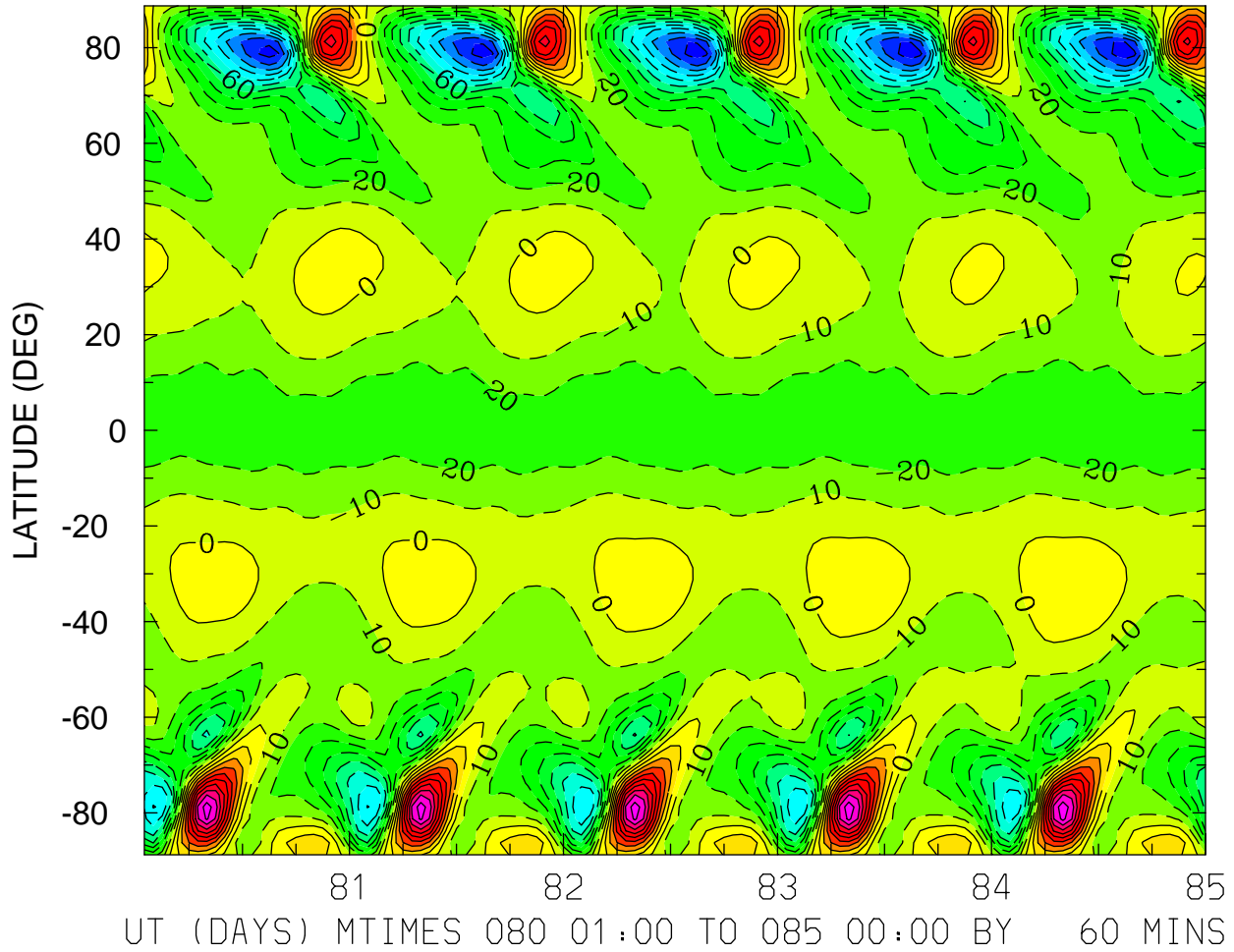


NEUTRAL ZONAL WIND (M/S)  
ZP = 4.000 LOCAL TIME = 12.00



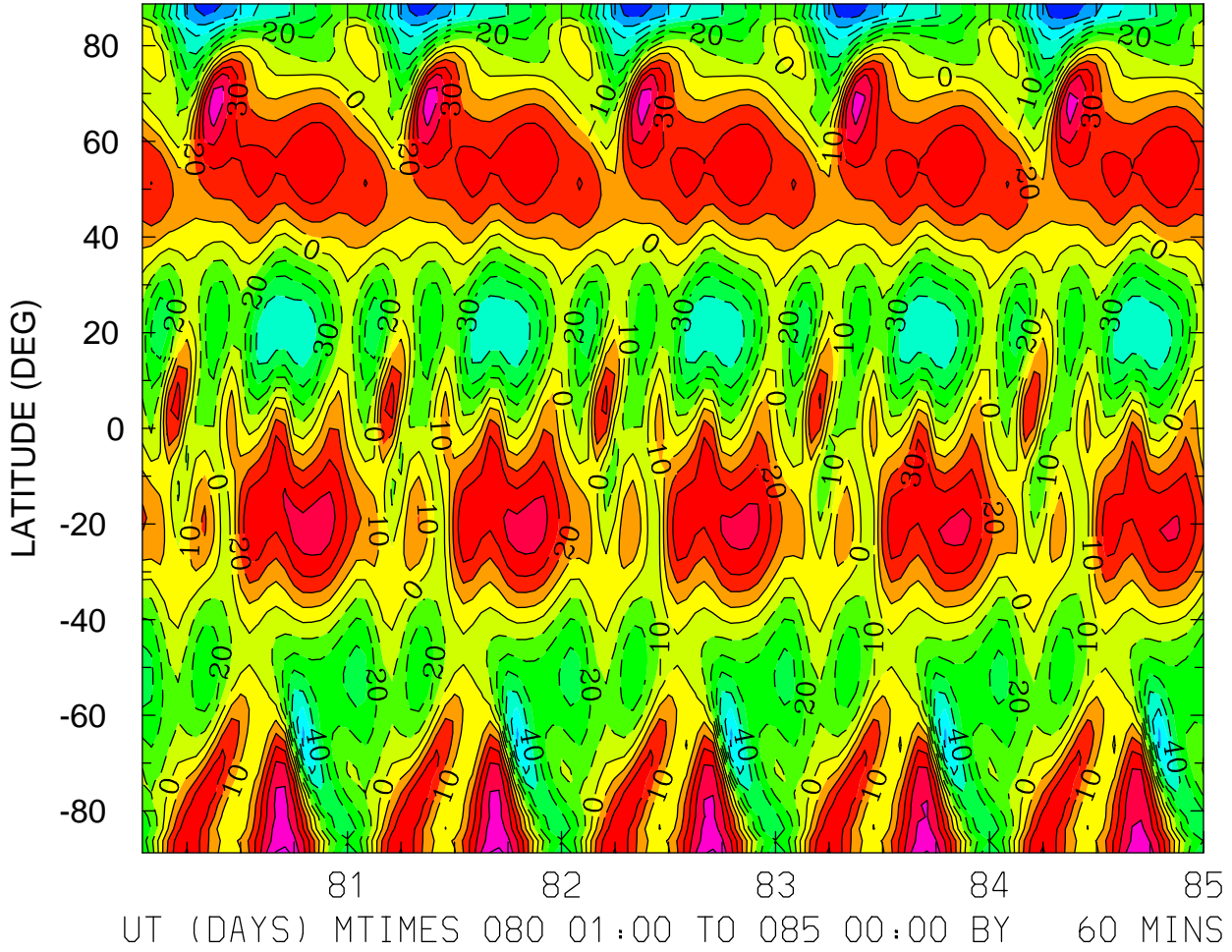
MIN,MAX= -1.3453E+02 6.7927E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
ZP = 4.000 ZONAL MEANS



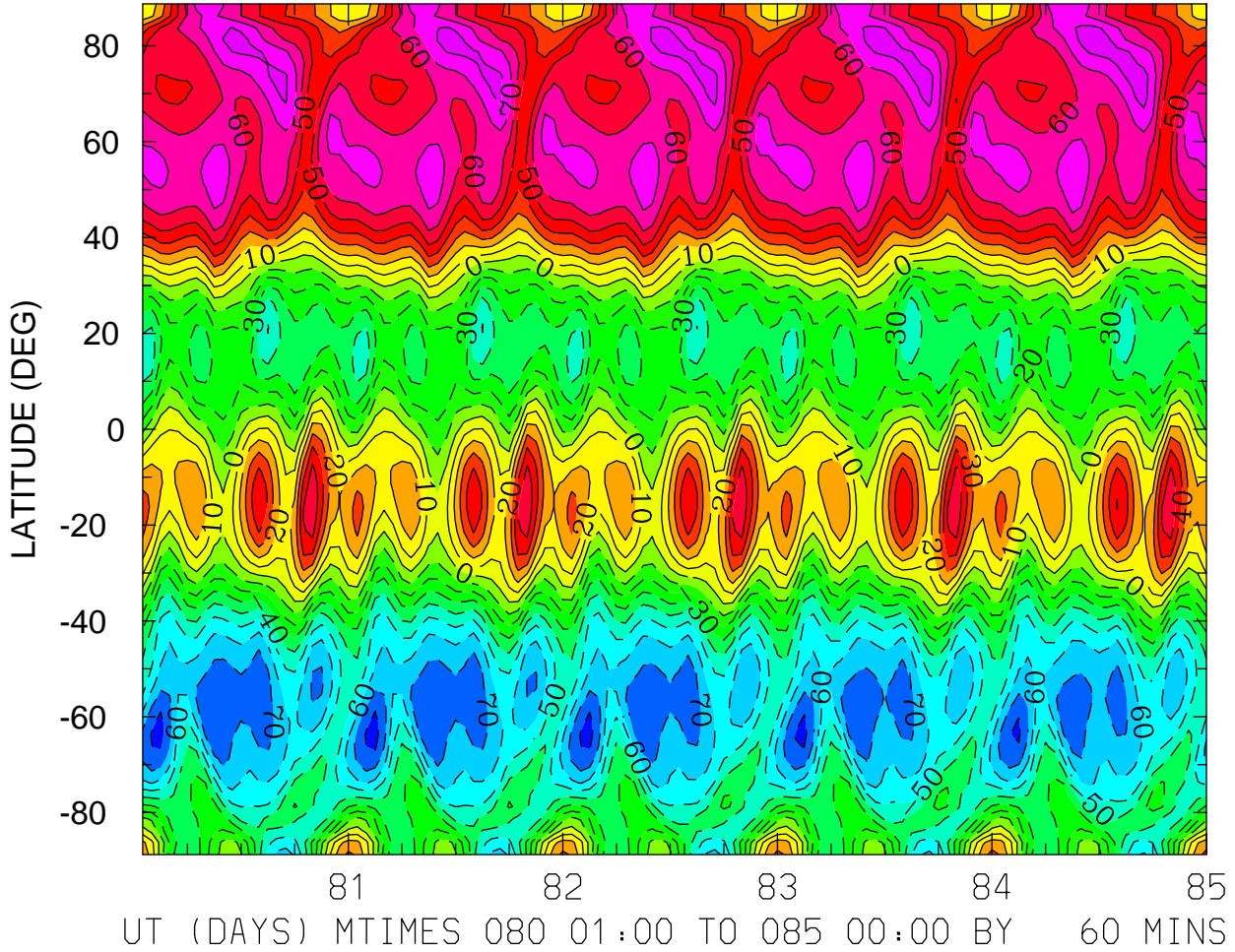
MIN,MAX= -1.1644E+02 9.7032E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
ZP = -4.000 LOCAL TIME = 0.00



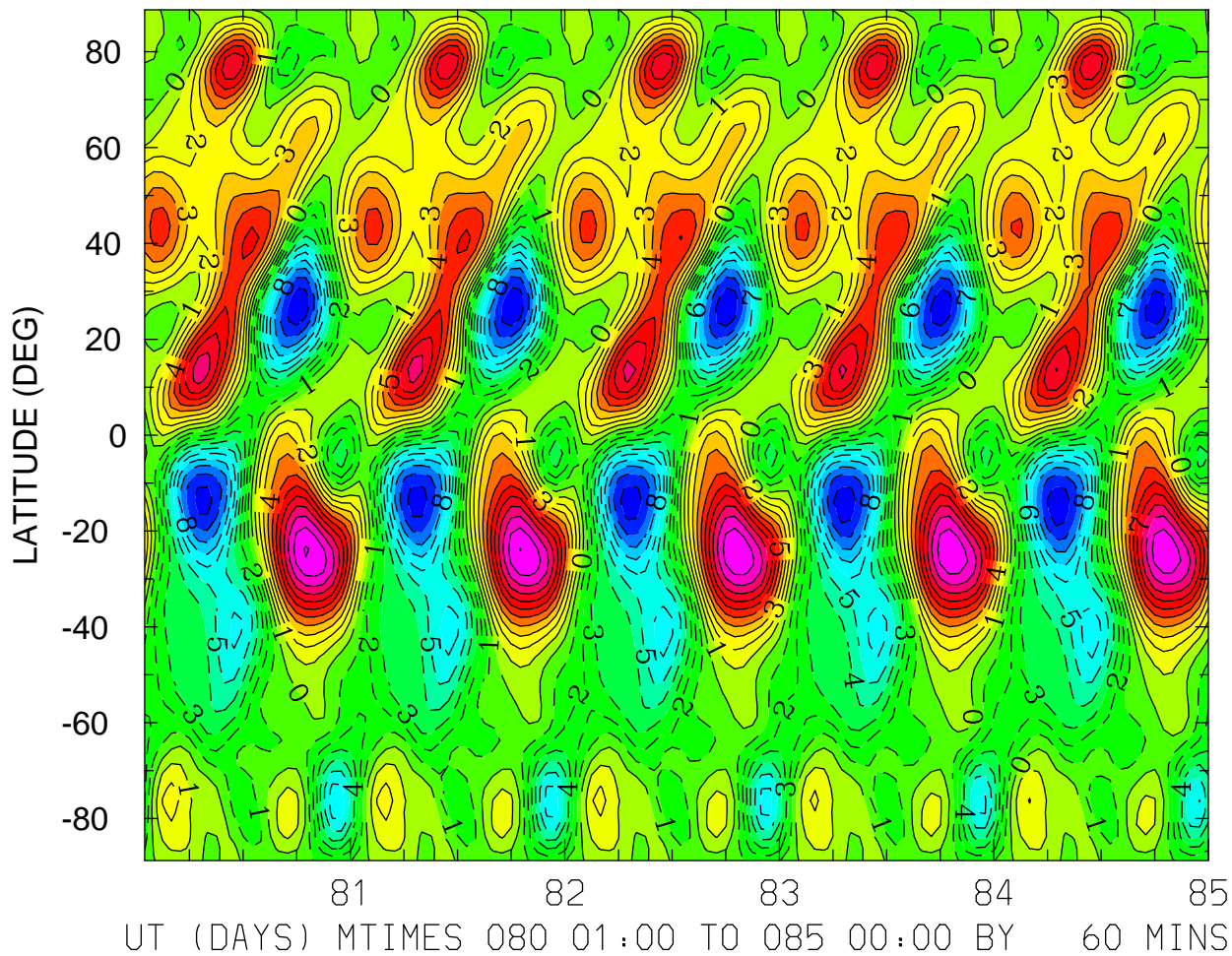
MIN,MAX= -7.8665E+01 6.3065E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
ZP = -4.000 LOCAL TIME = 12.00



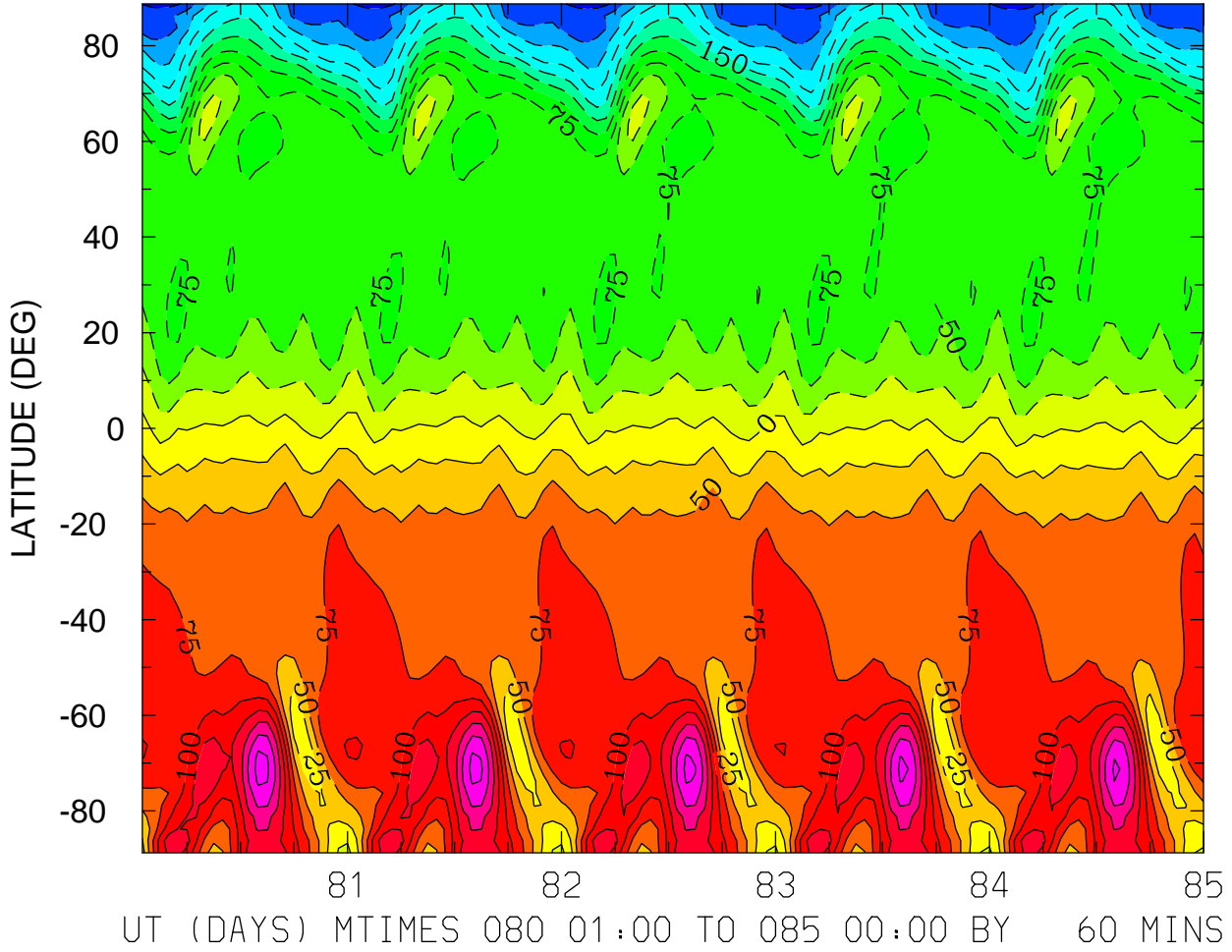
MIN,MAX= -8.3669E+01 8.5607E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
ZP = -4.000 ZONAL MEANS



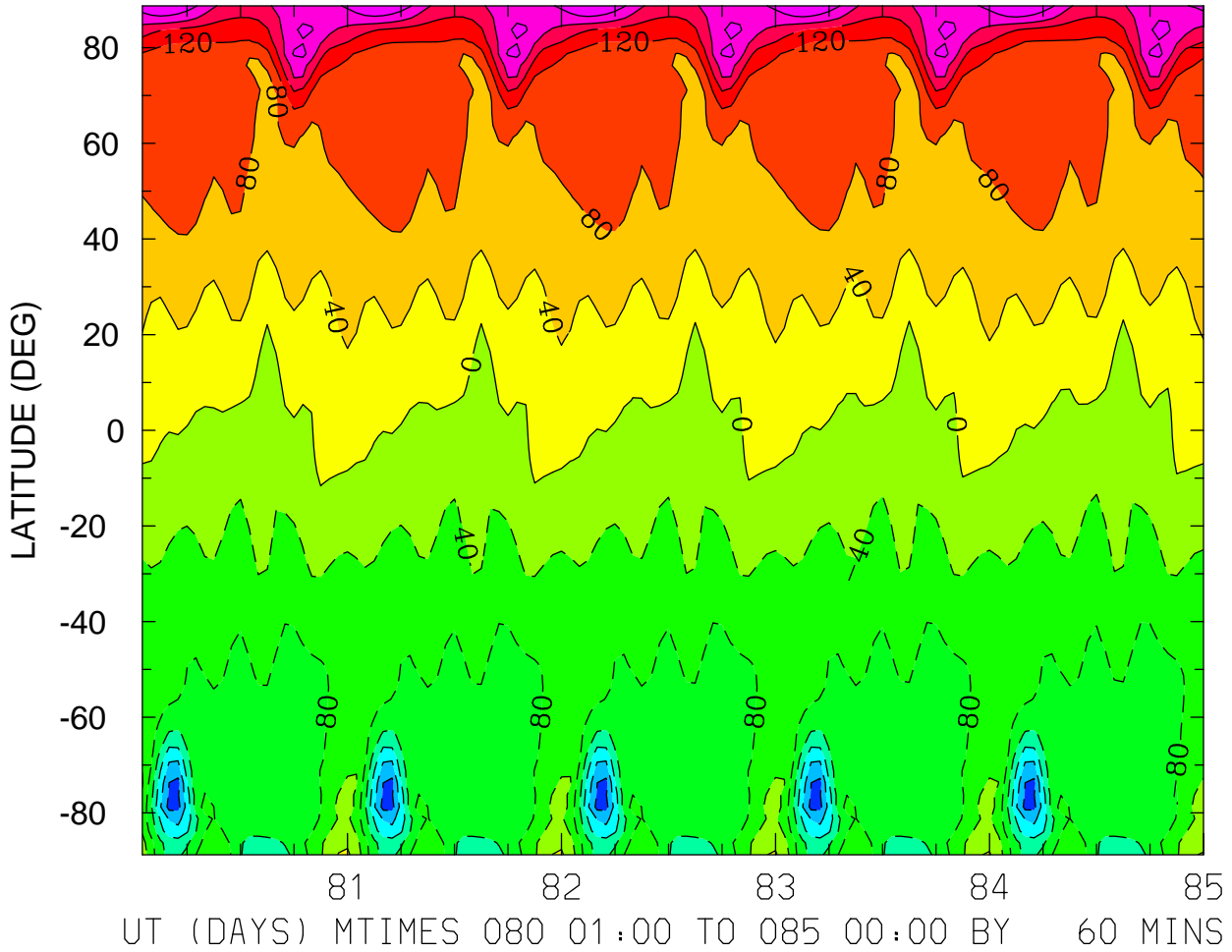
MIN,MAX= -1.0823E+01 1.1097E+01 INTERVAL= 1.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
ZP = 0.000 LOCAL TIME = 0.00



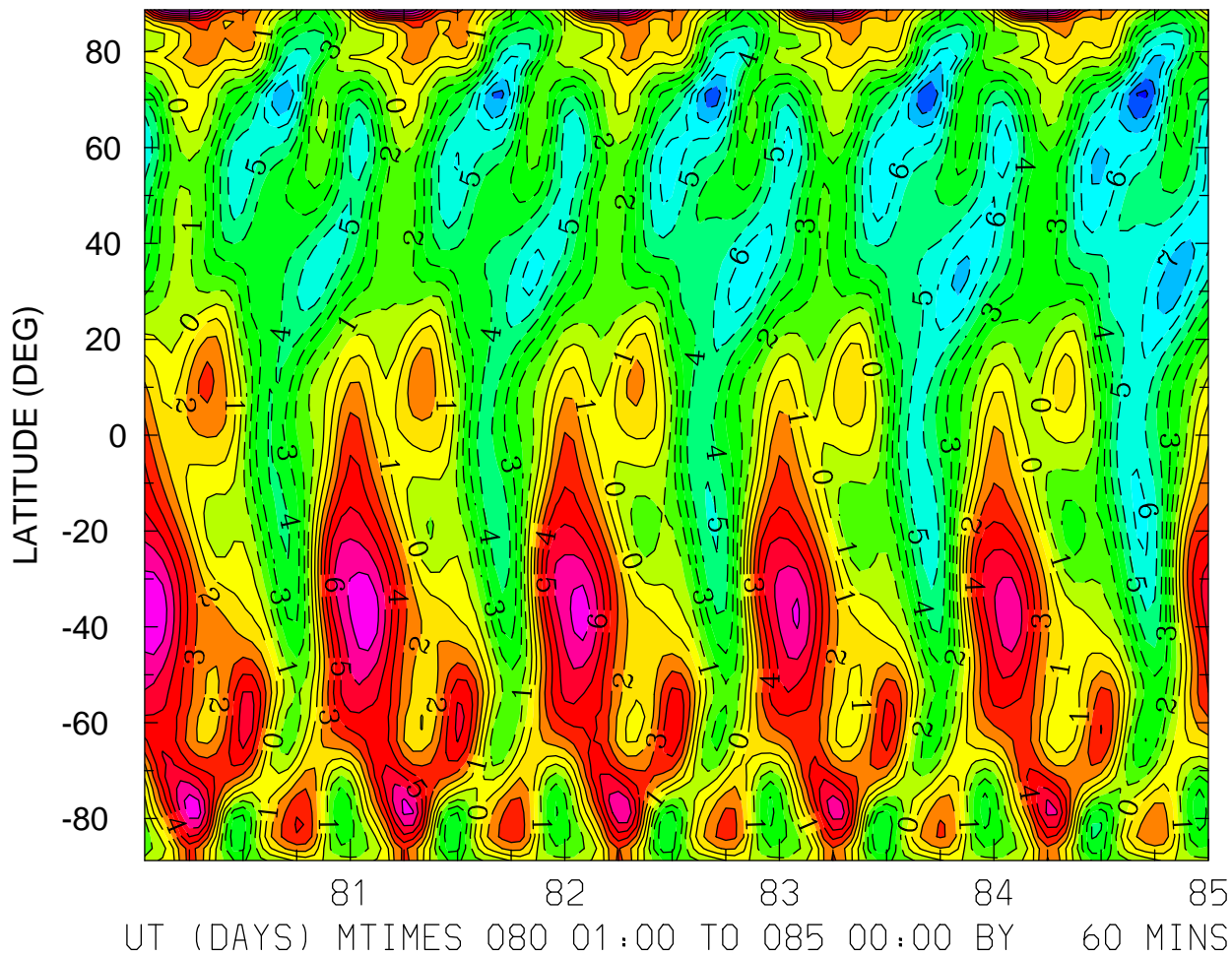
MIN,MAX= -2.6338E+02 2.1063E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
ZP = 0.000 LOCAL TIME = 12.00



MIN,MAX= -2.5546E+02 2.7740E+02 INTERVAL= 4.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

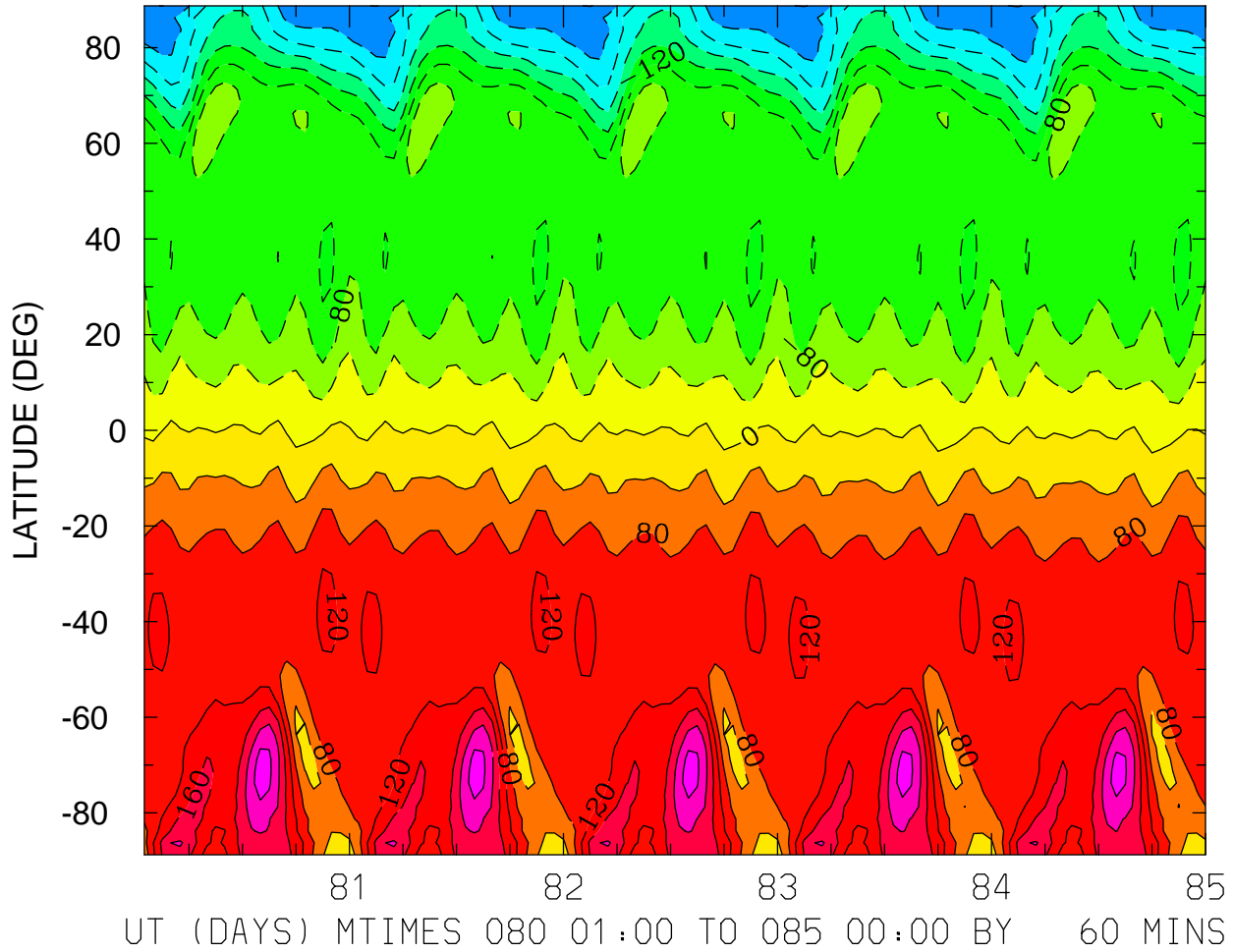
NEUTRAL MERIDIONAL WIND (M/S)  
ZP = 0.000 ZONAL MEANS



MIN,MAX= -9.2426E+00 8.9441E+00 INTERVAL= 1.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

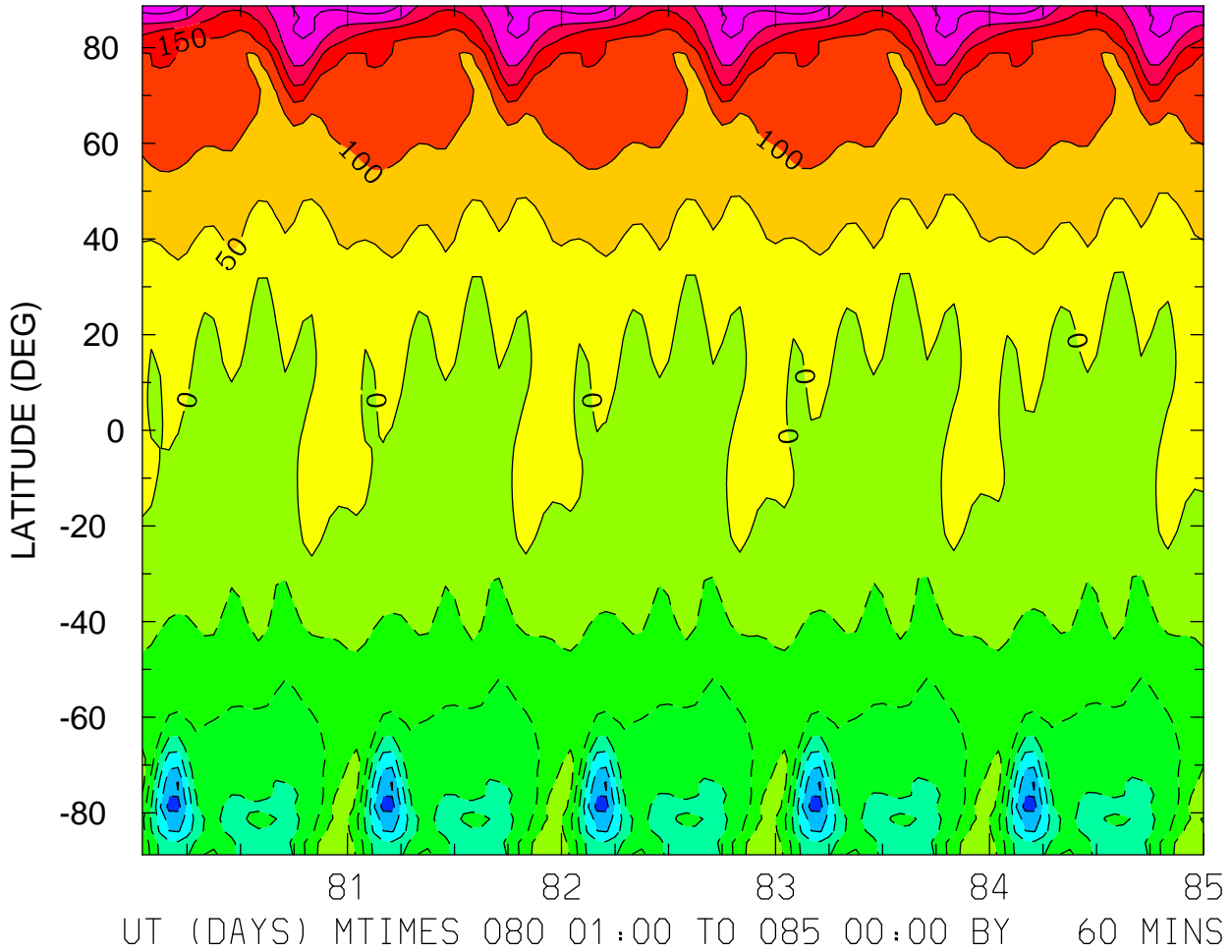


NEUTRAL MERIDIONAL WIND (M/S)  
ZP = 4.000 LOCAL TIME = 0.00



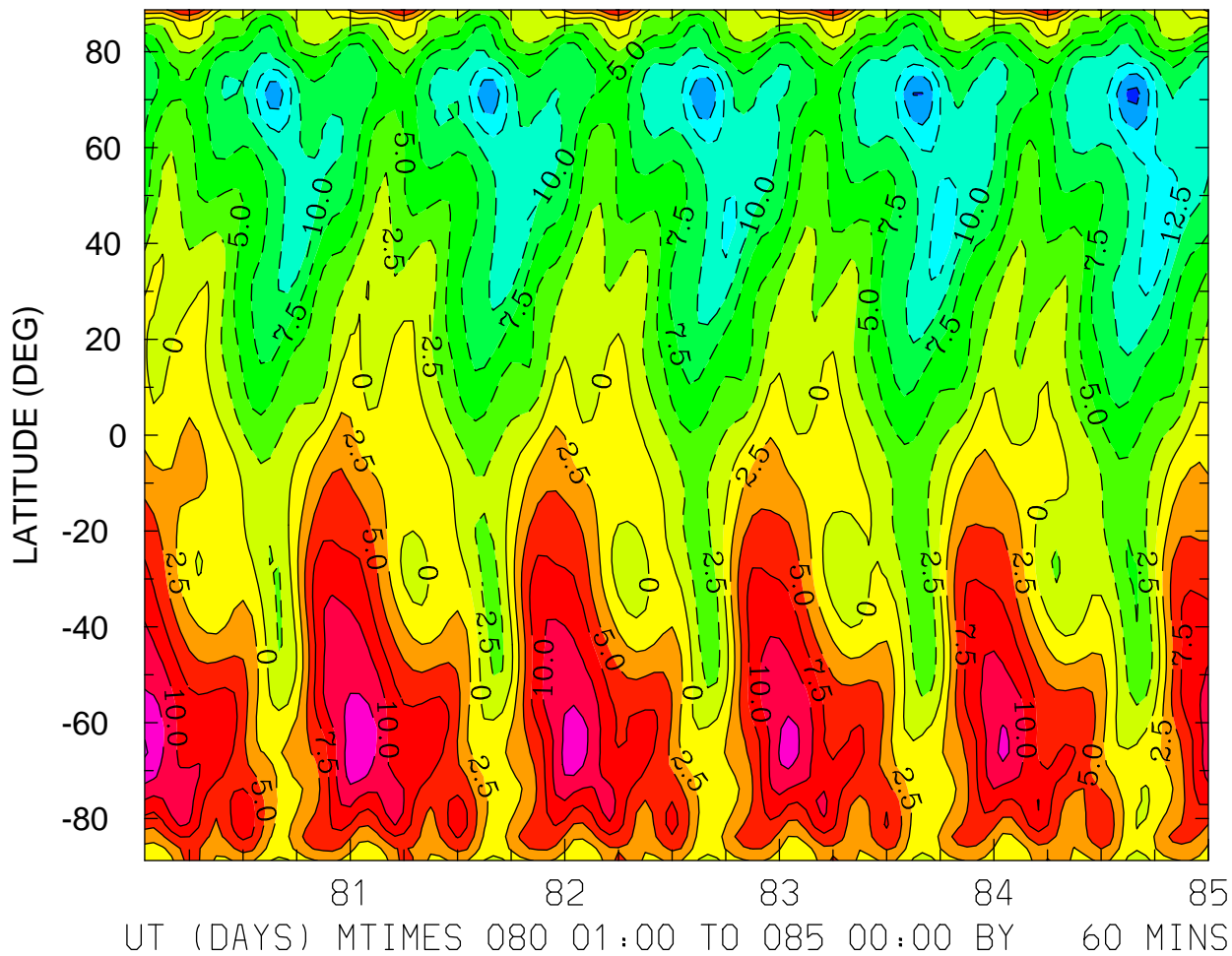
MIN,MAX= -3.2195E+02 2.6106E+02 INTERVAL= 4.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
ZP = 4.000 LOCAL TIME = 12.00



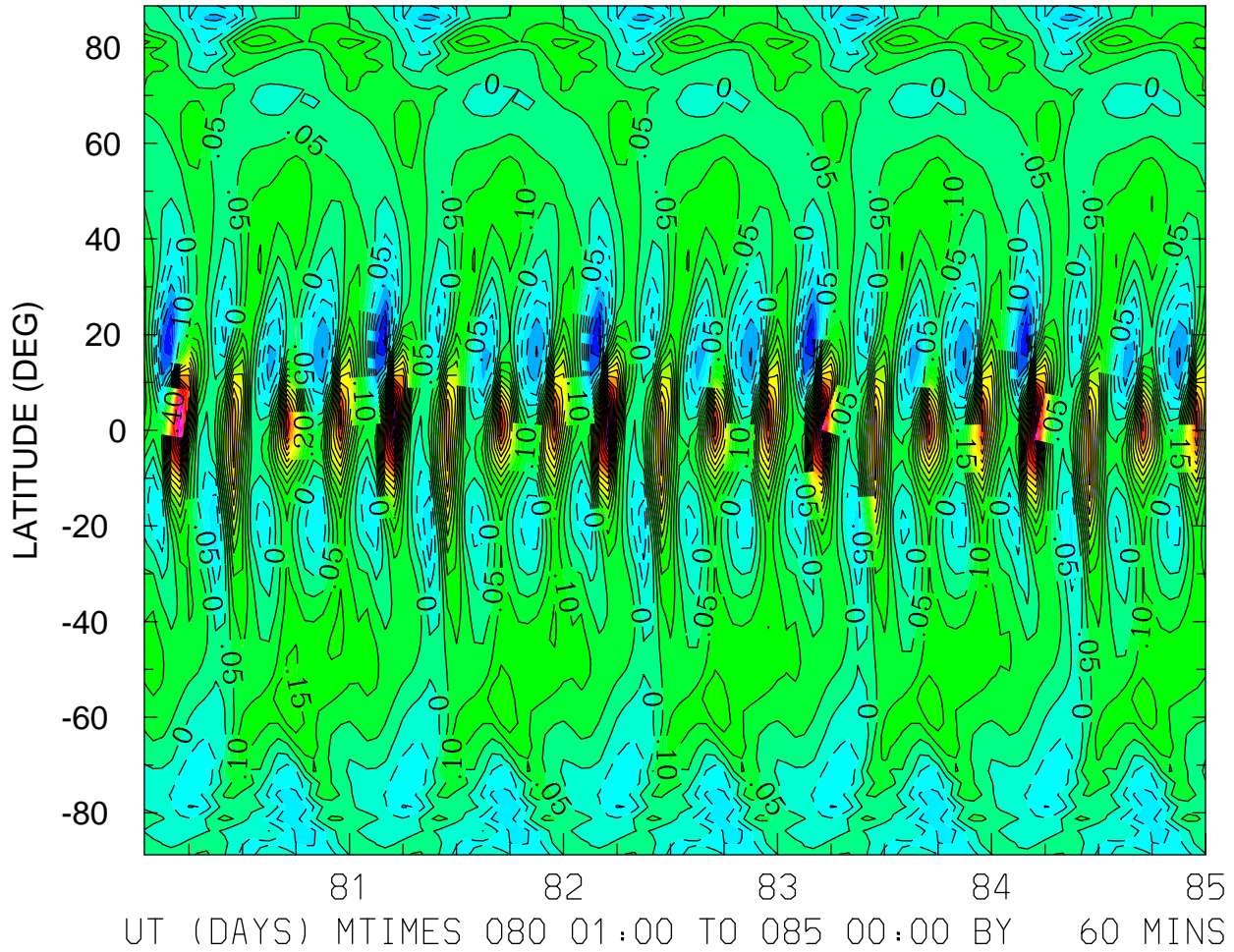
MIN,MAX= -3.1777E+02 3.2755E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
ZP = 4.000 ZONAL MEANS



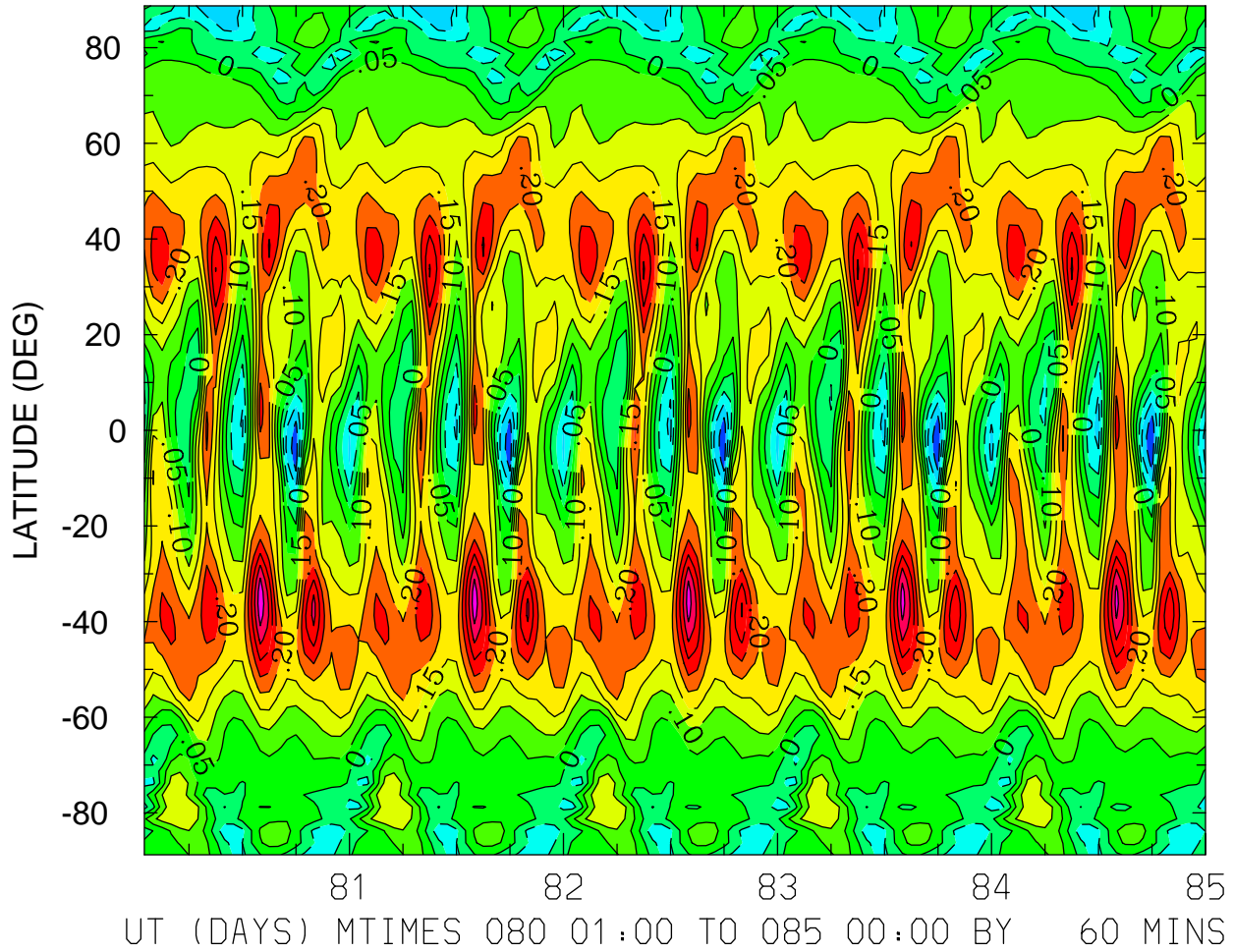
MIN,MAX= -1.8117E+01 1.5235E+01 INTERVAL= 2.5000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = -4.000 LOCAL TIME = 0.00



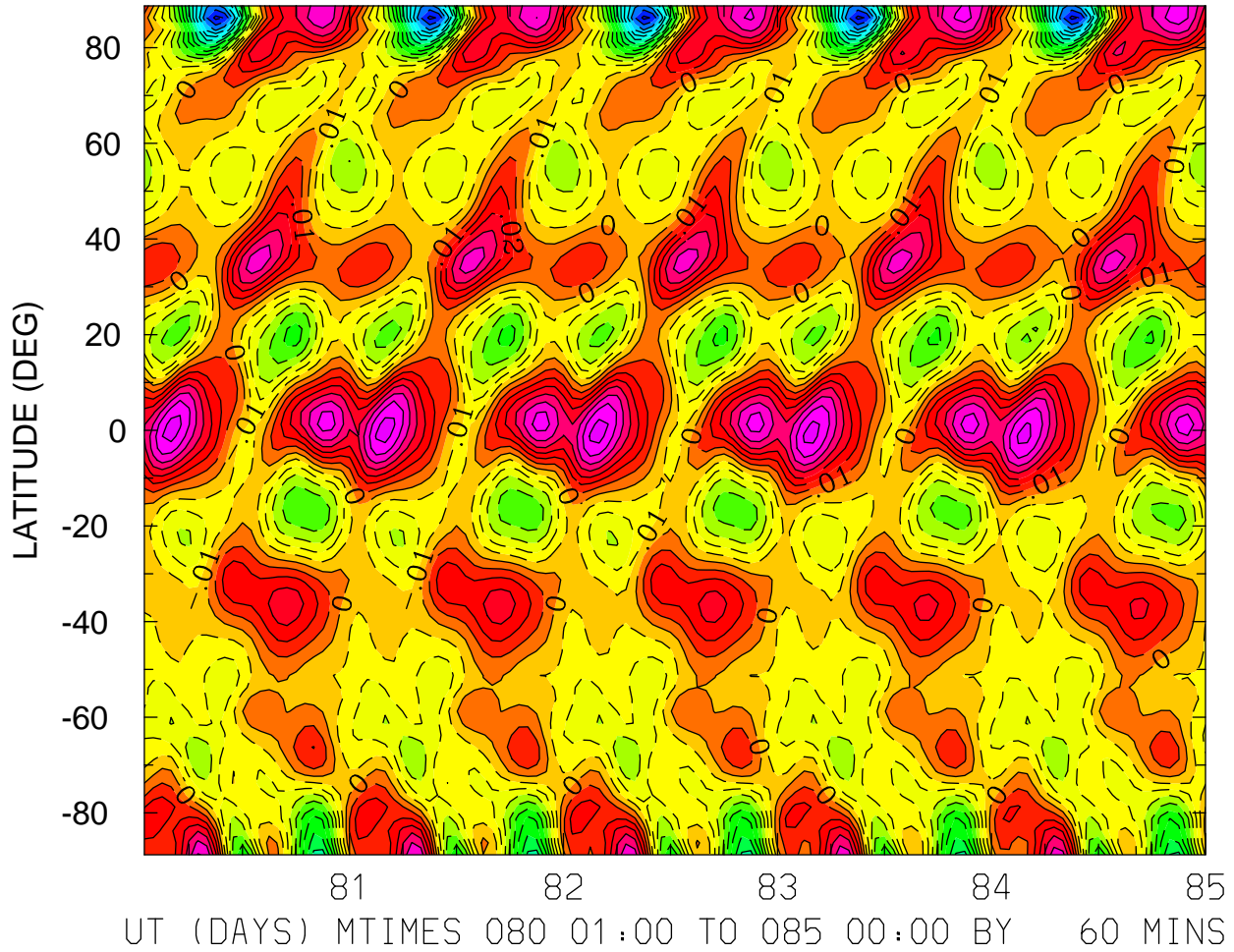
MIN,MAX= -3.1339E-01 8.5931E-01 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = -4.000 LOCAL TIME = 12.00



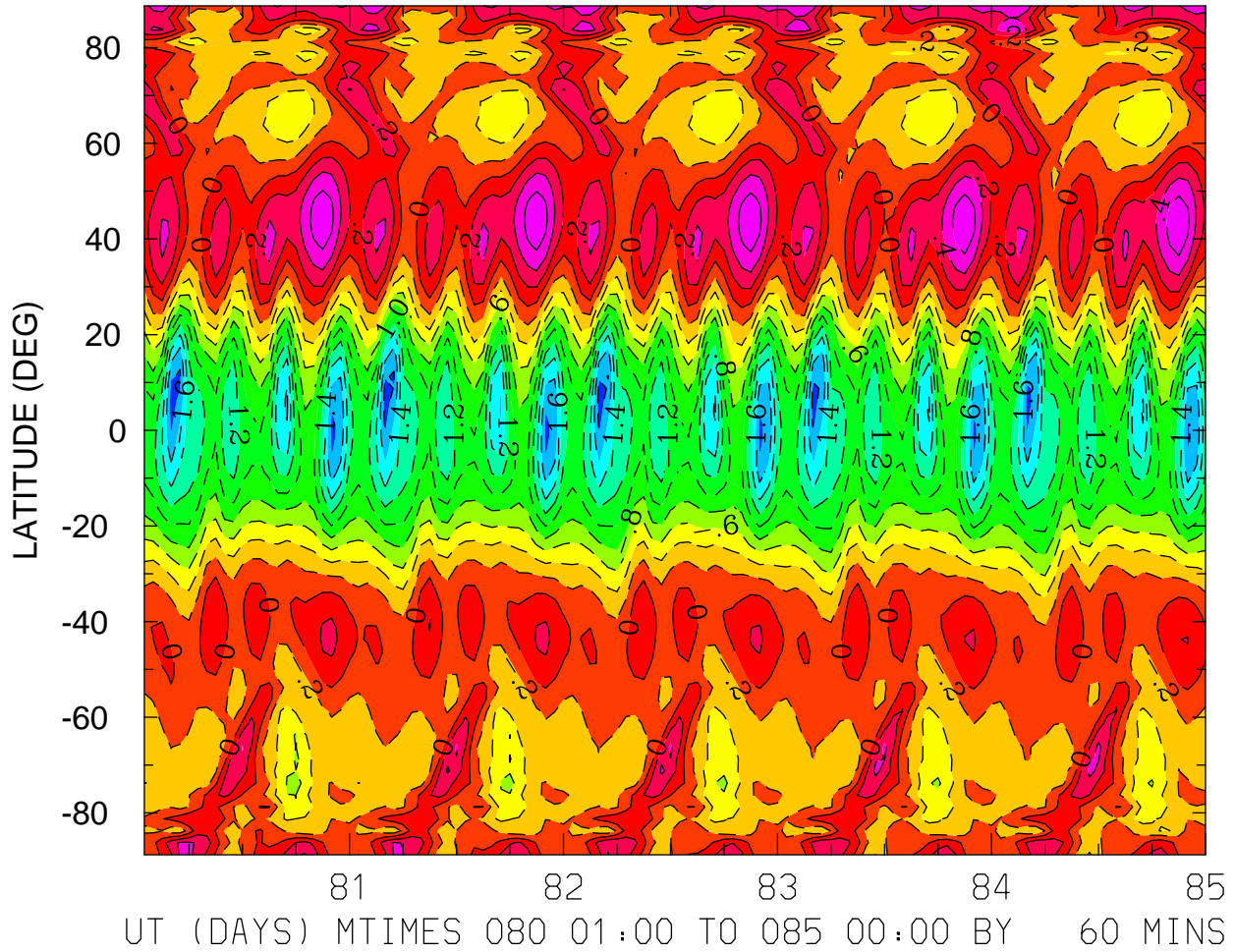
MIN,MAX= -1.9390E-01 4.3721E-01 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = -4.000 ZONAL MEANS



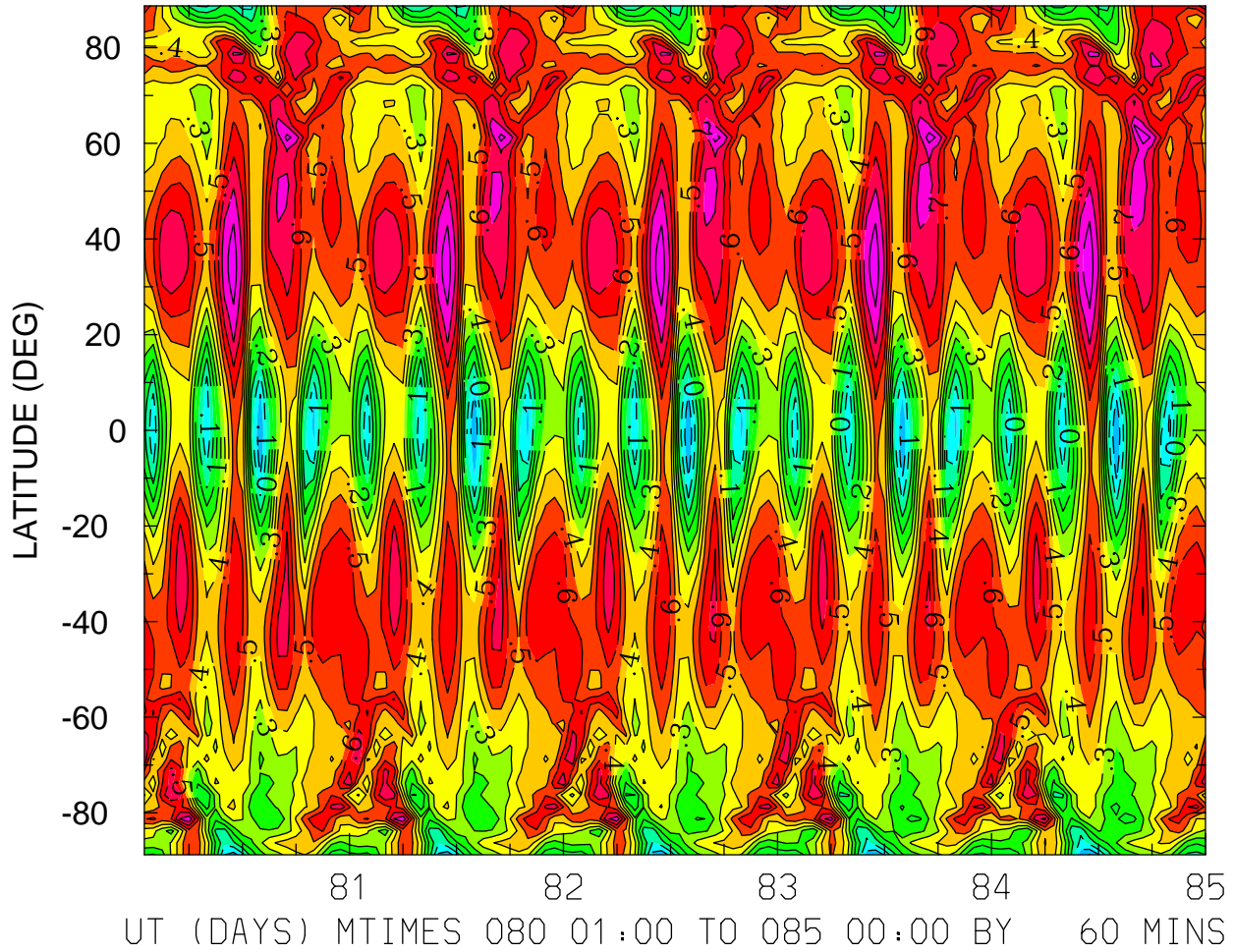
MIN,MAX= -1.4307E-01 7.4355E-02 INTERVAL= 1.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = 0.000 LOCAL TIME = 0.00



MIN,MAX= -1.8875E+00 7.3922E-01 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

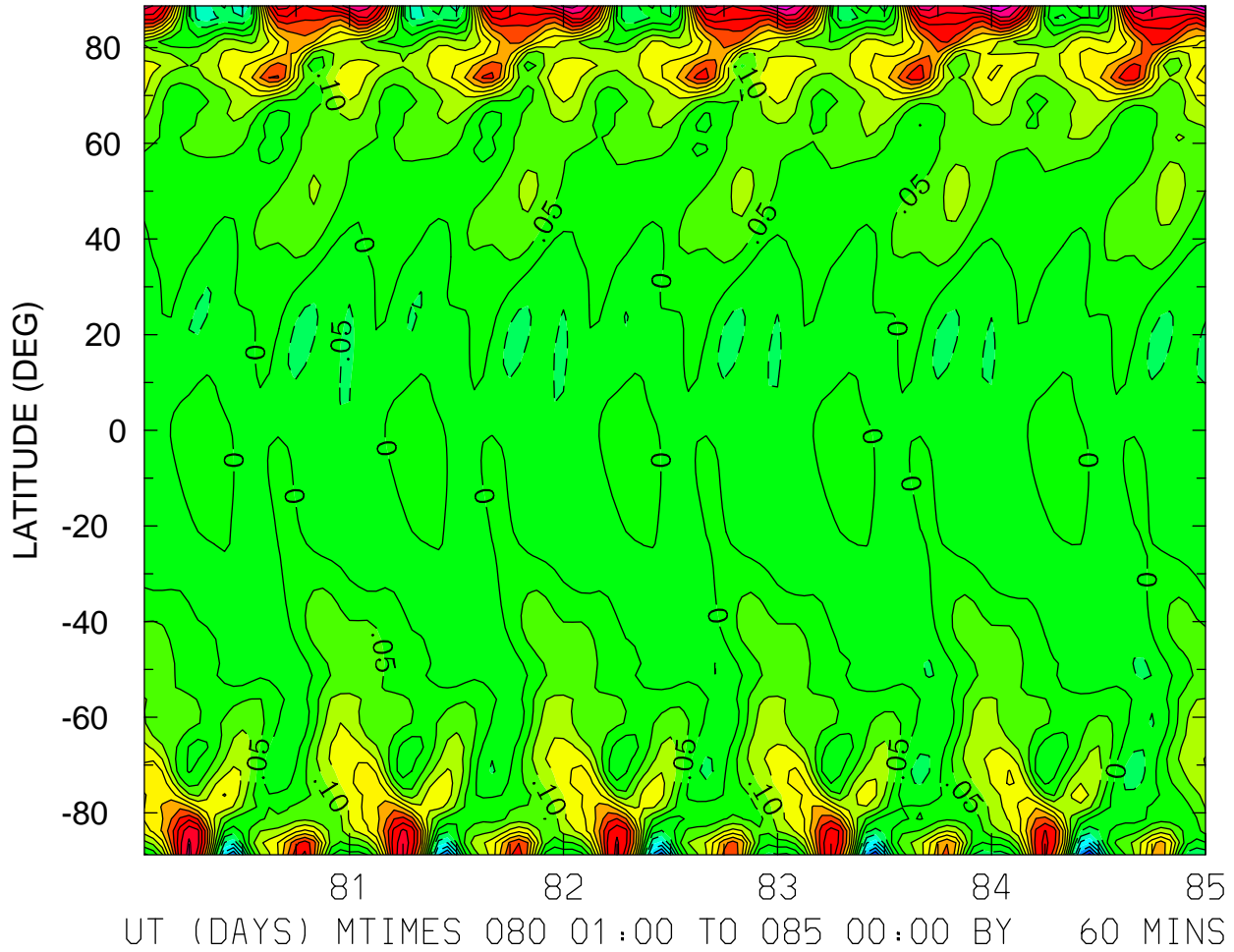
NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = 0.000 LOCAL TIME = 12.00



MIN,MAX= -3.0820E-01 9.7131E-01 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

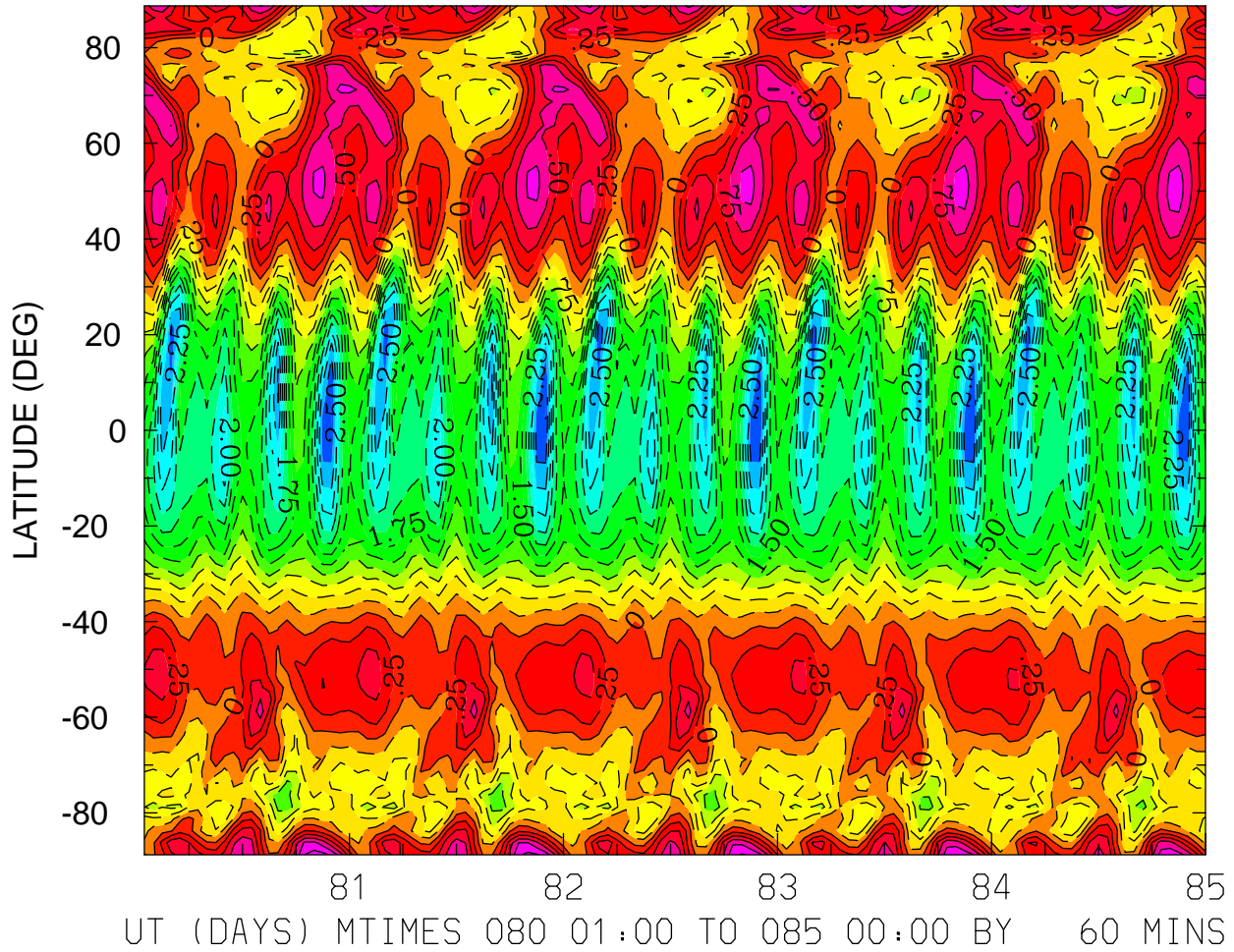


NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = 0.000 ZONAL MEANS



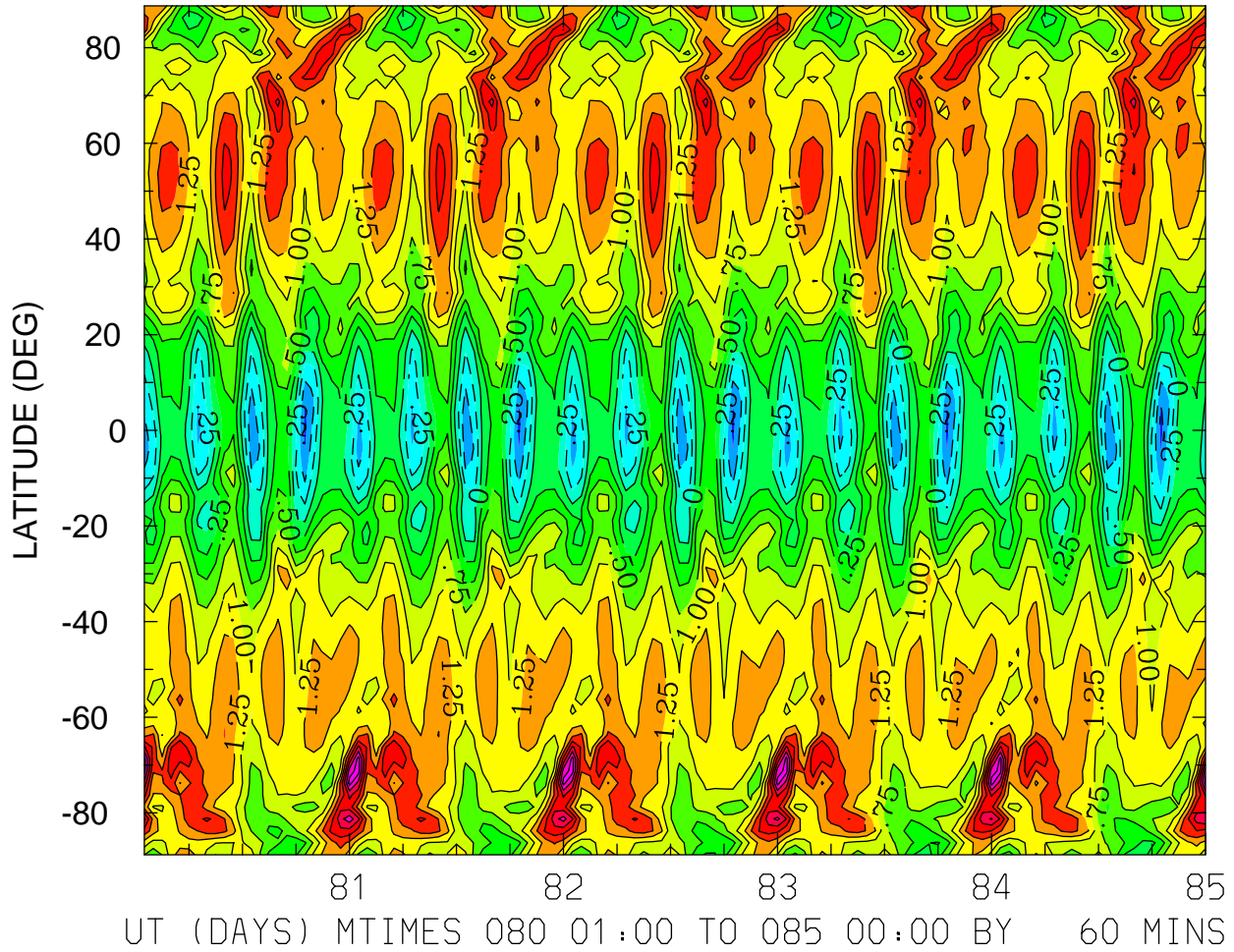
MIN,MAX= -3.6516E-01 6.2197E-01 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = 4.000 LOCAL TIME = 0.00



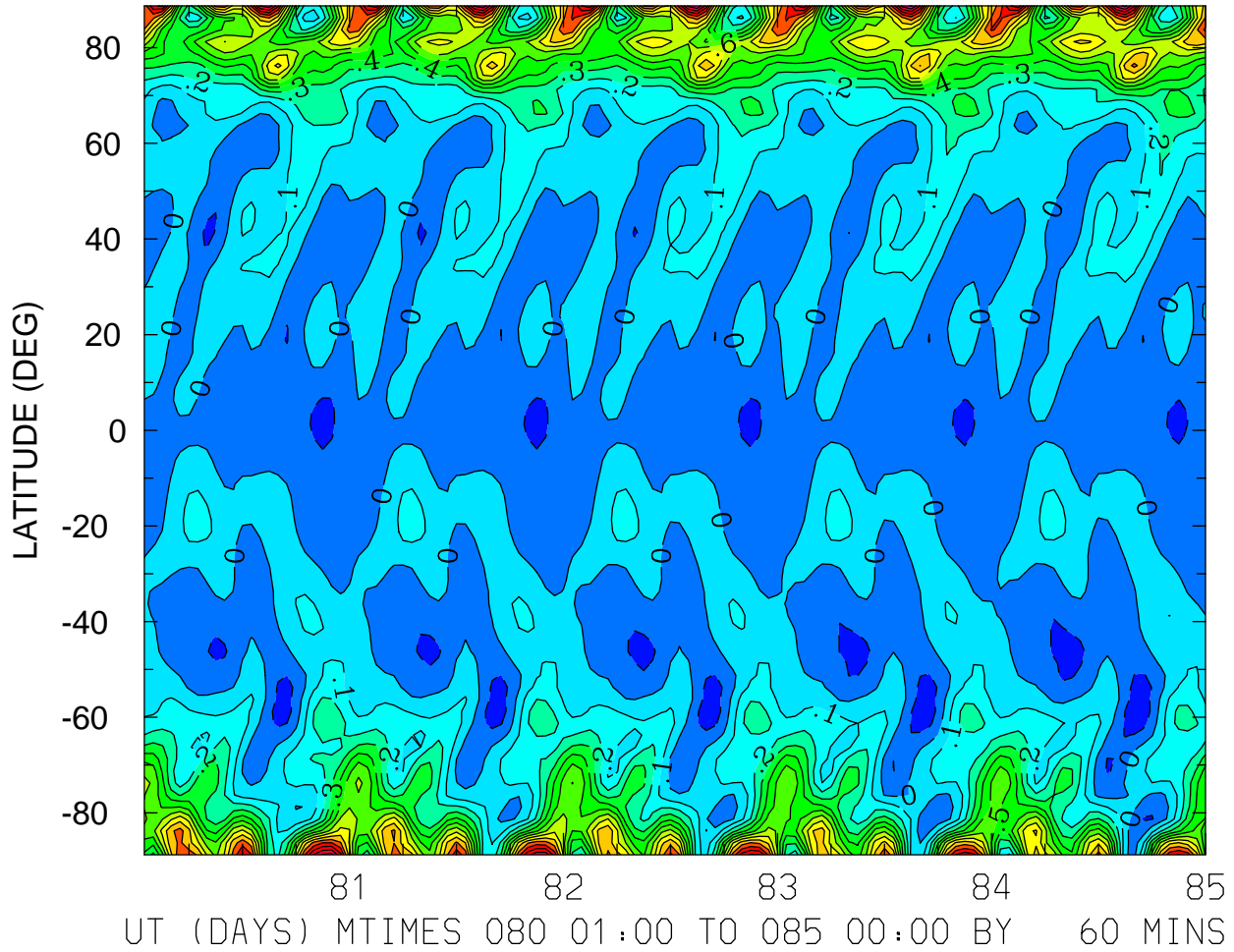
MIN,MAX= -3.0196E+00 1.3589E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = 4.000 LOCAL TIME = 12.00



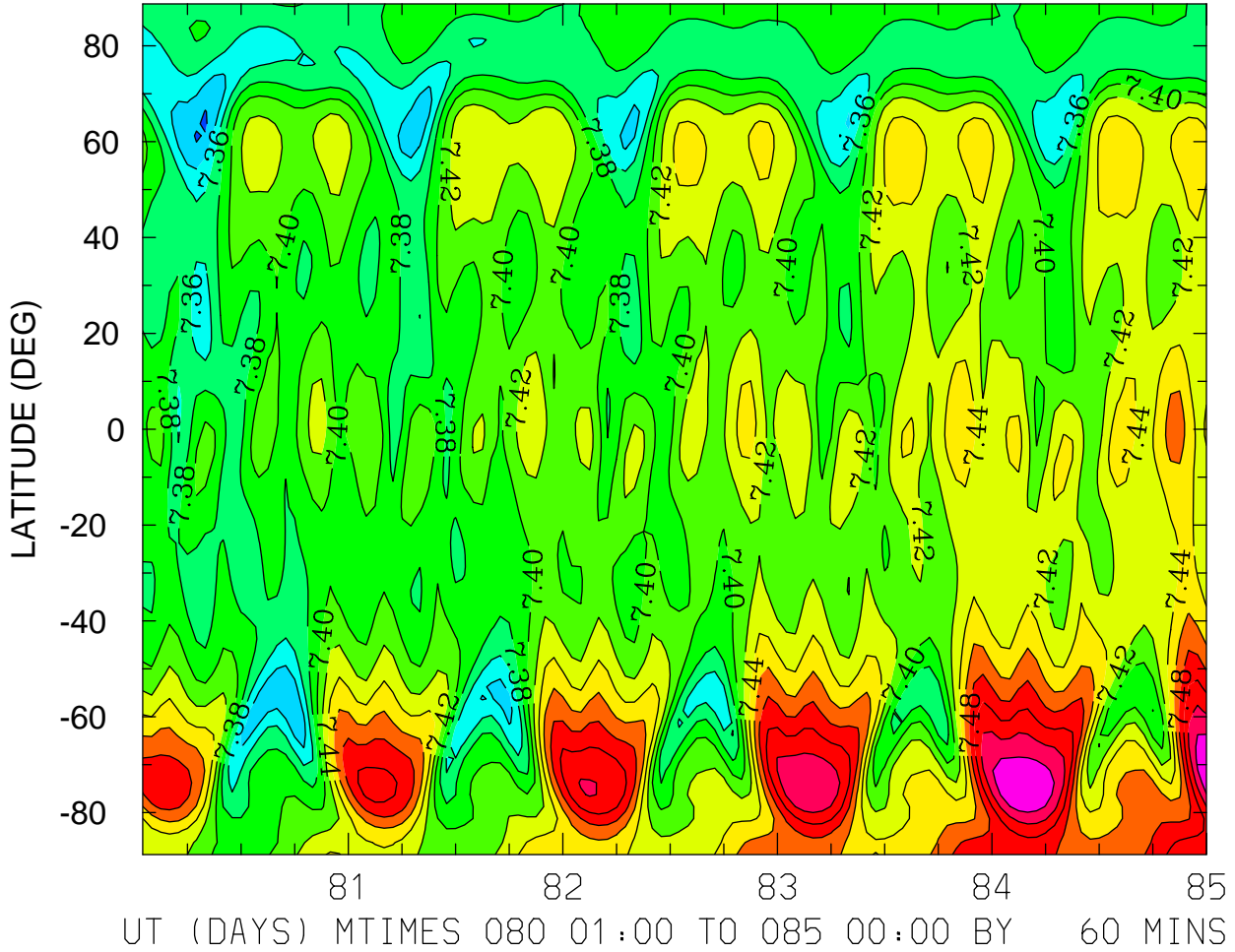
MIN,MAX= -8.3020E-01 2.6132E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = 4.000 ZONAL MEANS



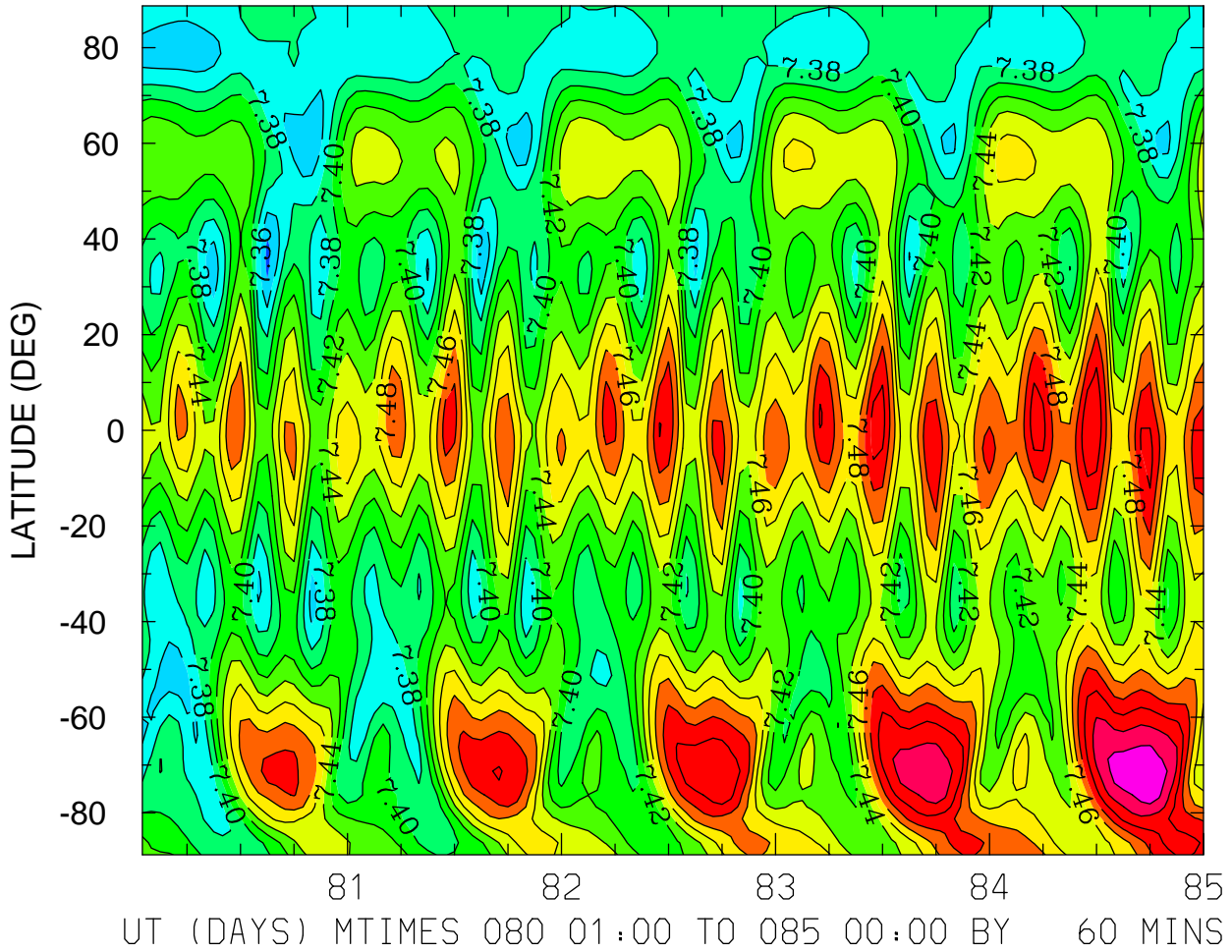
MIN,MAX= -1.6398E-01 1.4320E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
ZP = -4.125 LOCAL TIME = 0.00



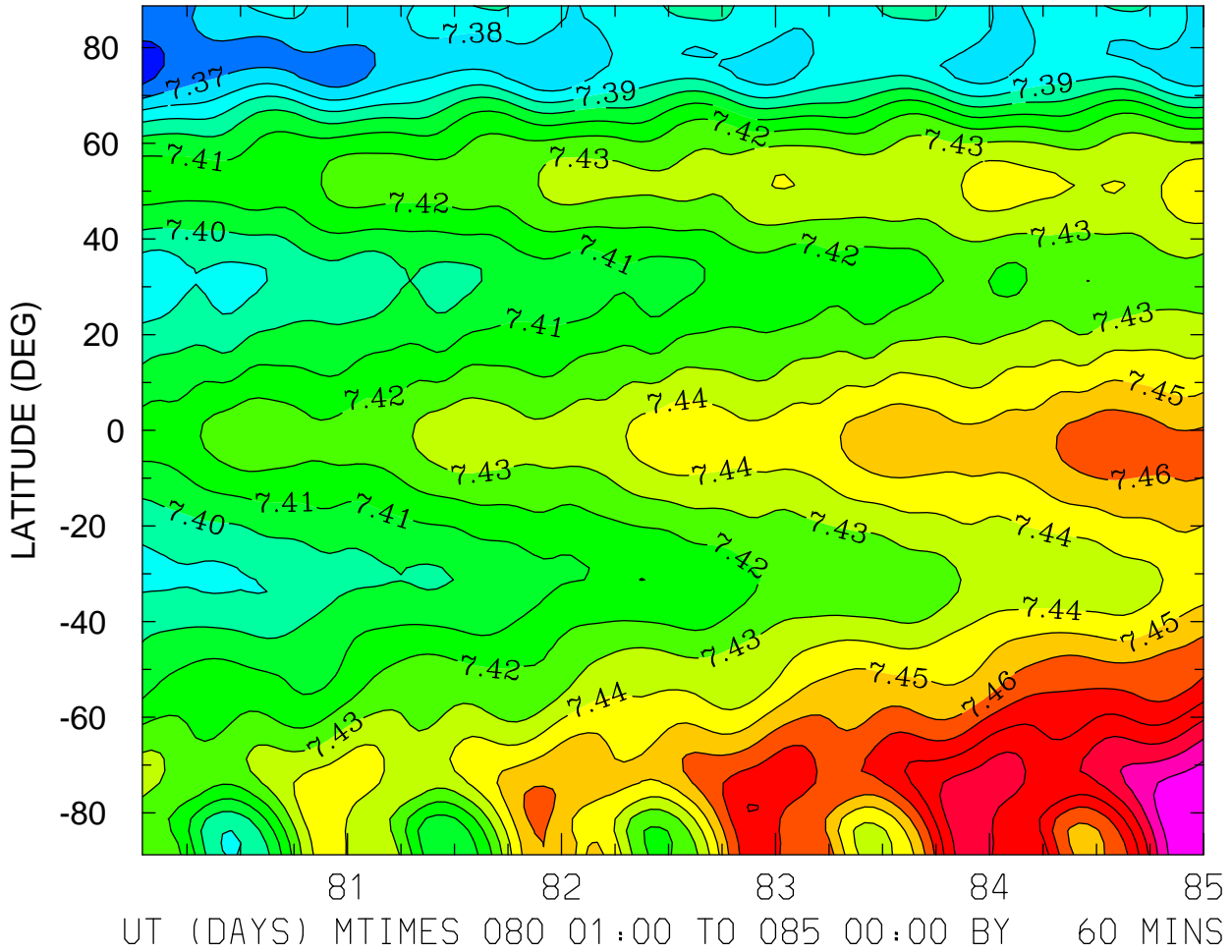
MIN,MAX= 7.3166E+00 7.5591E+00 INTERVAL= 2.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
ZP = -4.125 LOCAL TIME = 12.00



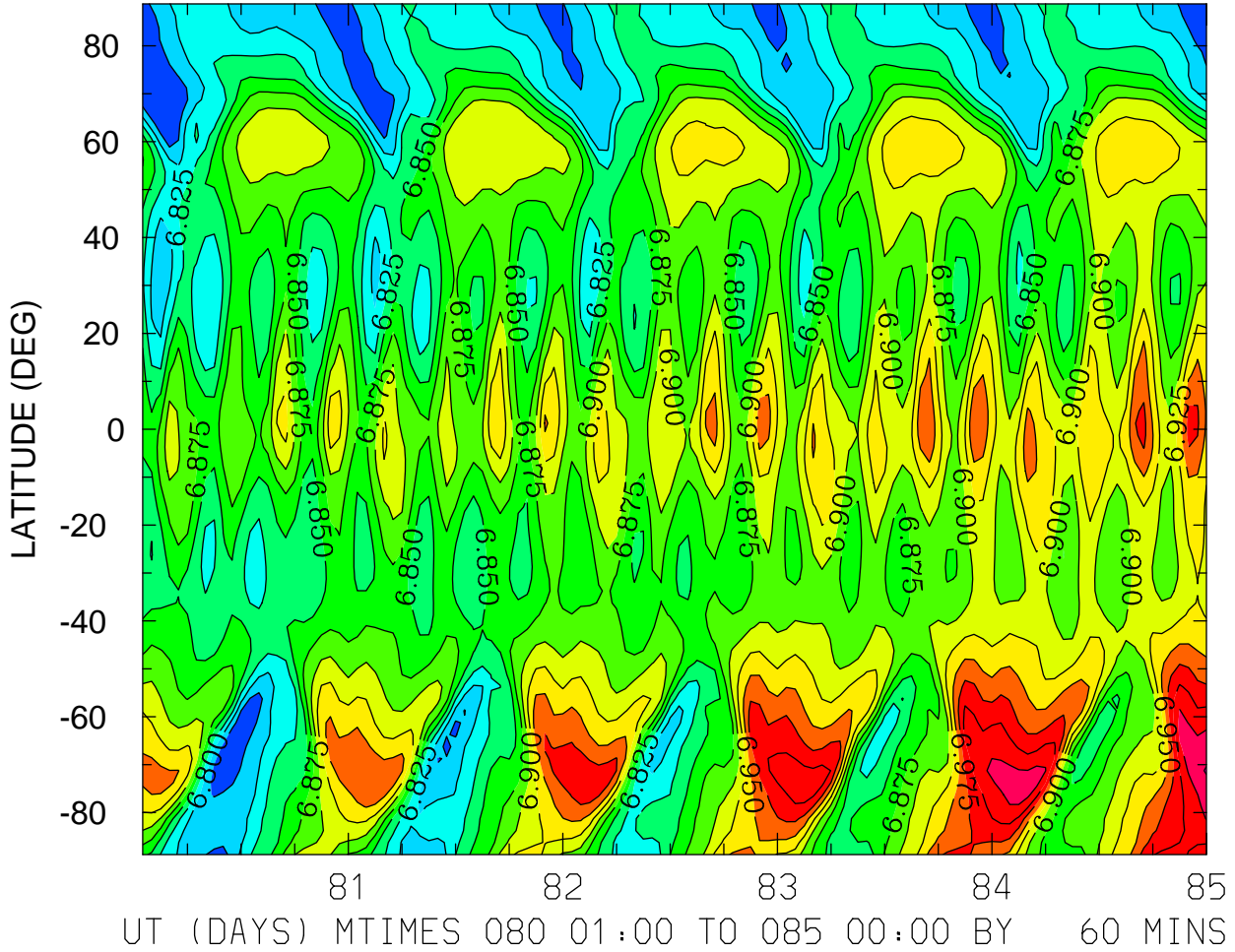
MIN,MAX= 7.3340E+00 7.5749E+00 INTERVAL= 2.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
ZP = -4.125 ZONAL MEANS



MIN,MAX= 7.3548E+00 7.5199E+00 INTERVAL= 1.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

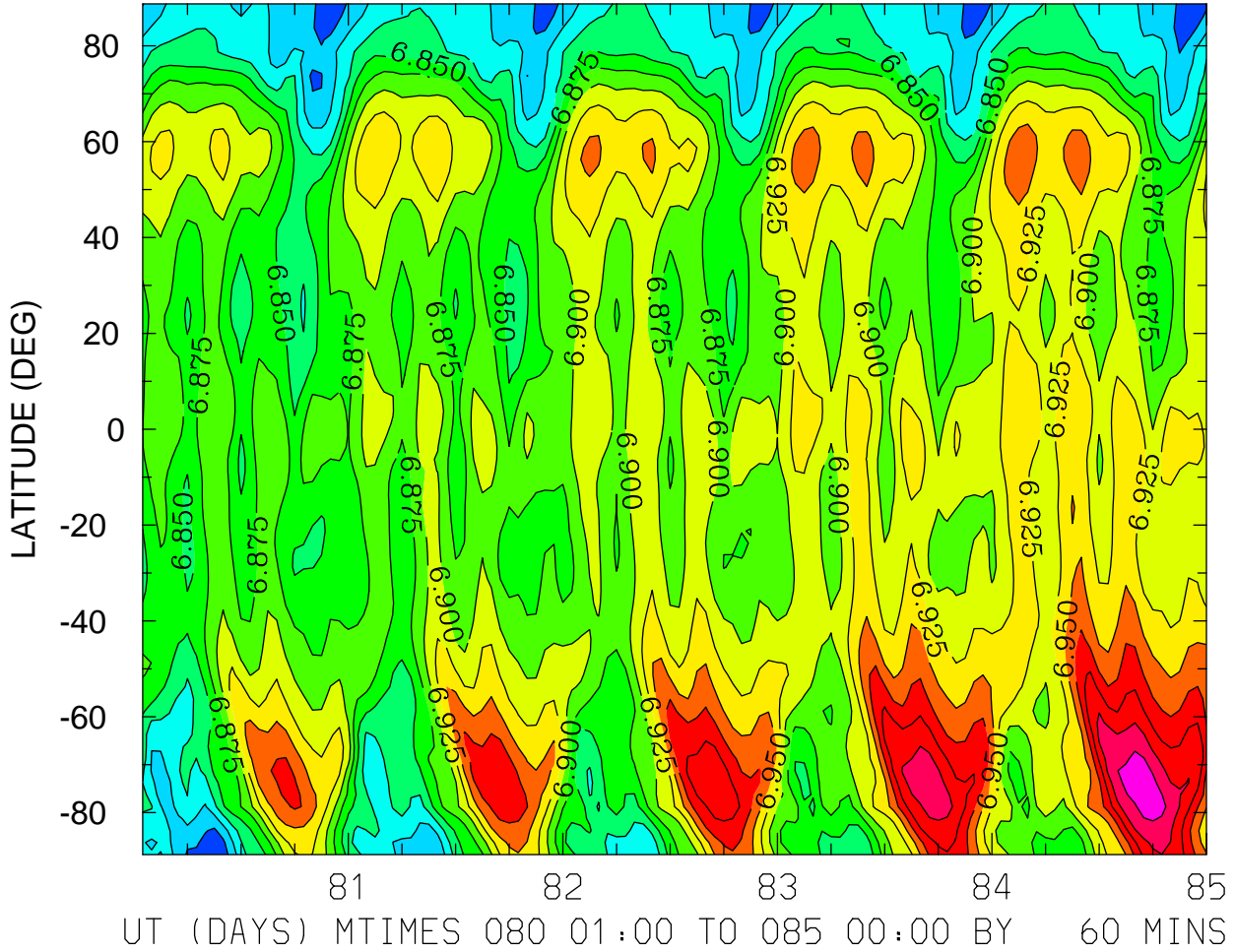
LOG10 HELIUM (HE) (CM3)  
ZP = -0.125 LOCAL TIME = 0.00



MIN,MAX= 6.7510E+00 7.0516E+00 INTERVAL= 2.5000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

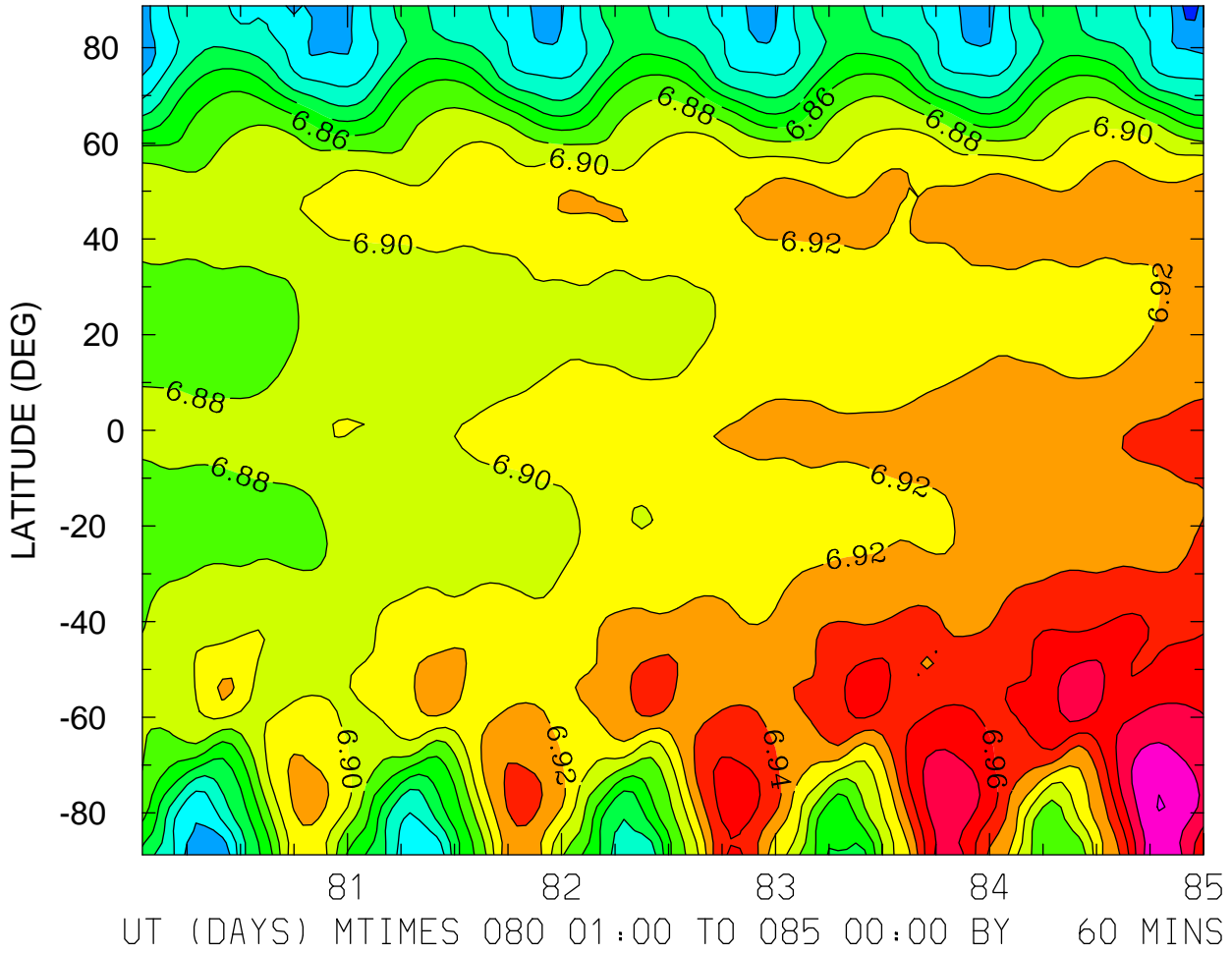


LOG10 HELIUM (HE) (CM3)  
ZP = -0.125 LOCAL TIME = 12.00



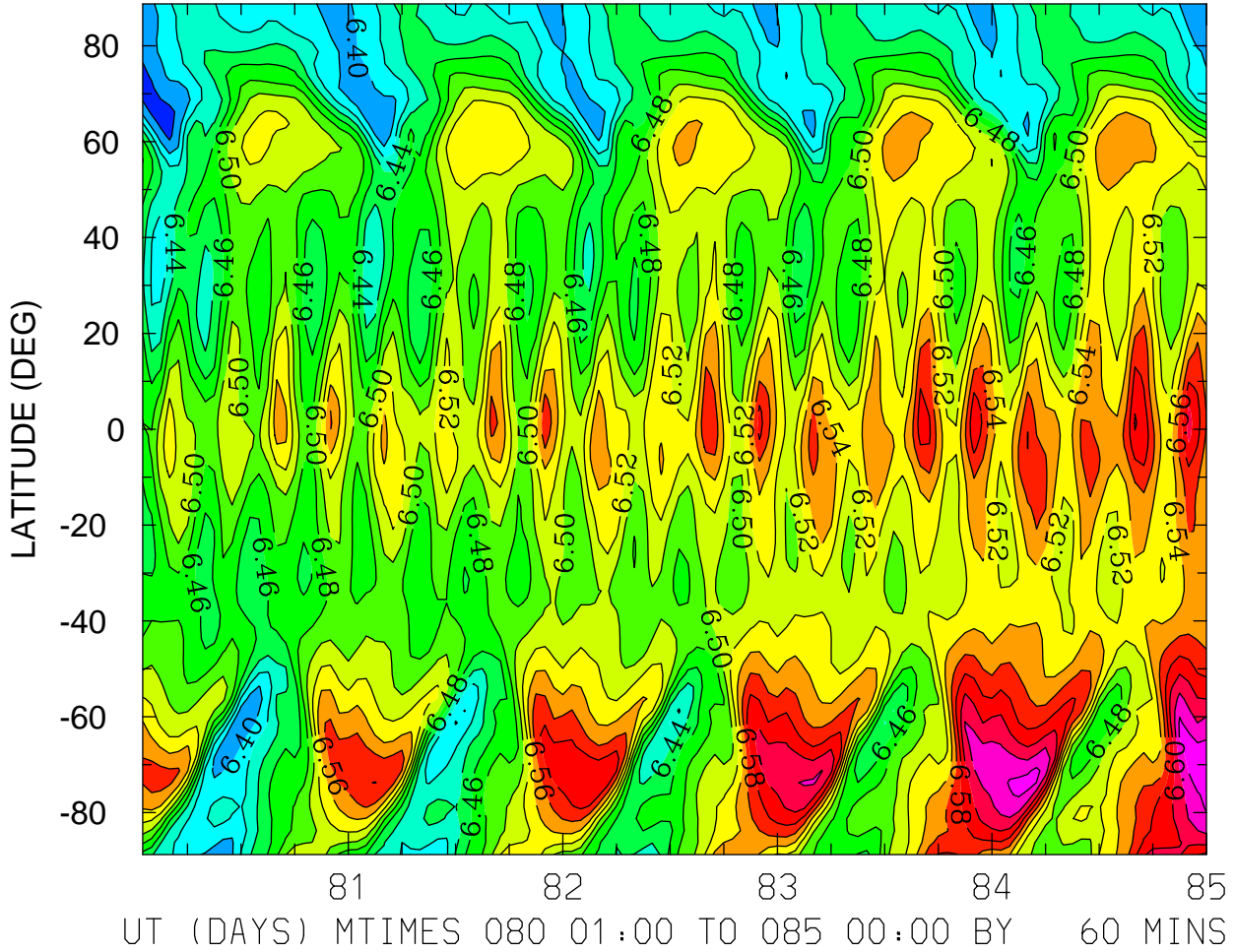
MIN,MAX= 6.7537E+00 7.0662E+00 INTERVAL= 2.5000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
ZP = -0.125 ZONAL MEANS



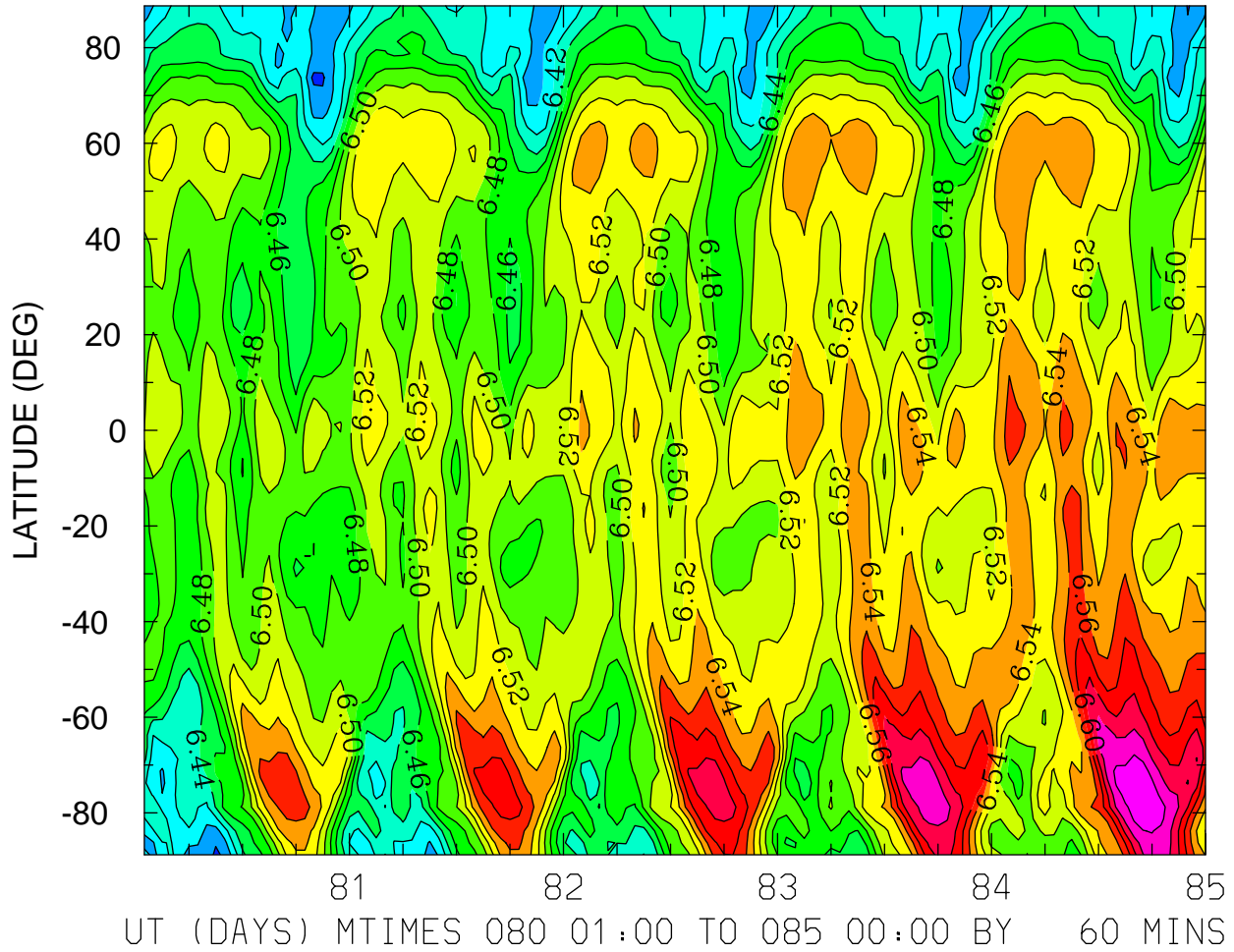
MIN,MAX= 6.7547E+00 7.0208E+00 INTERVAL= 2.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
ZP = 3.875 LOCAL TIME = 0.00



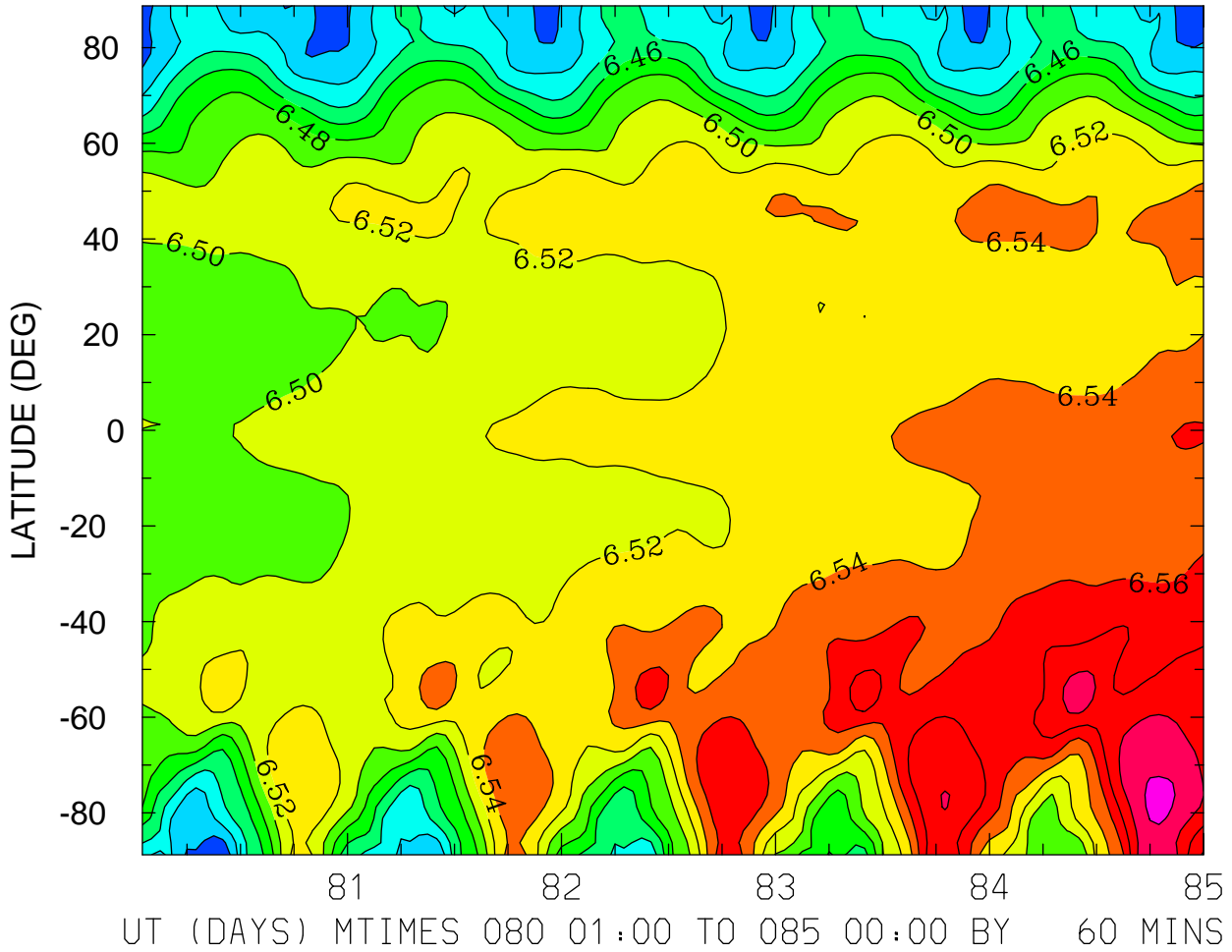
MIN,MAX= 6.3737E+00 6.6592E+00 INTERVAL= 2.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
ZP = 3.875 LOCAL TIME = 12.00



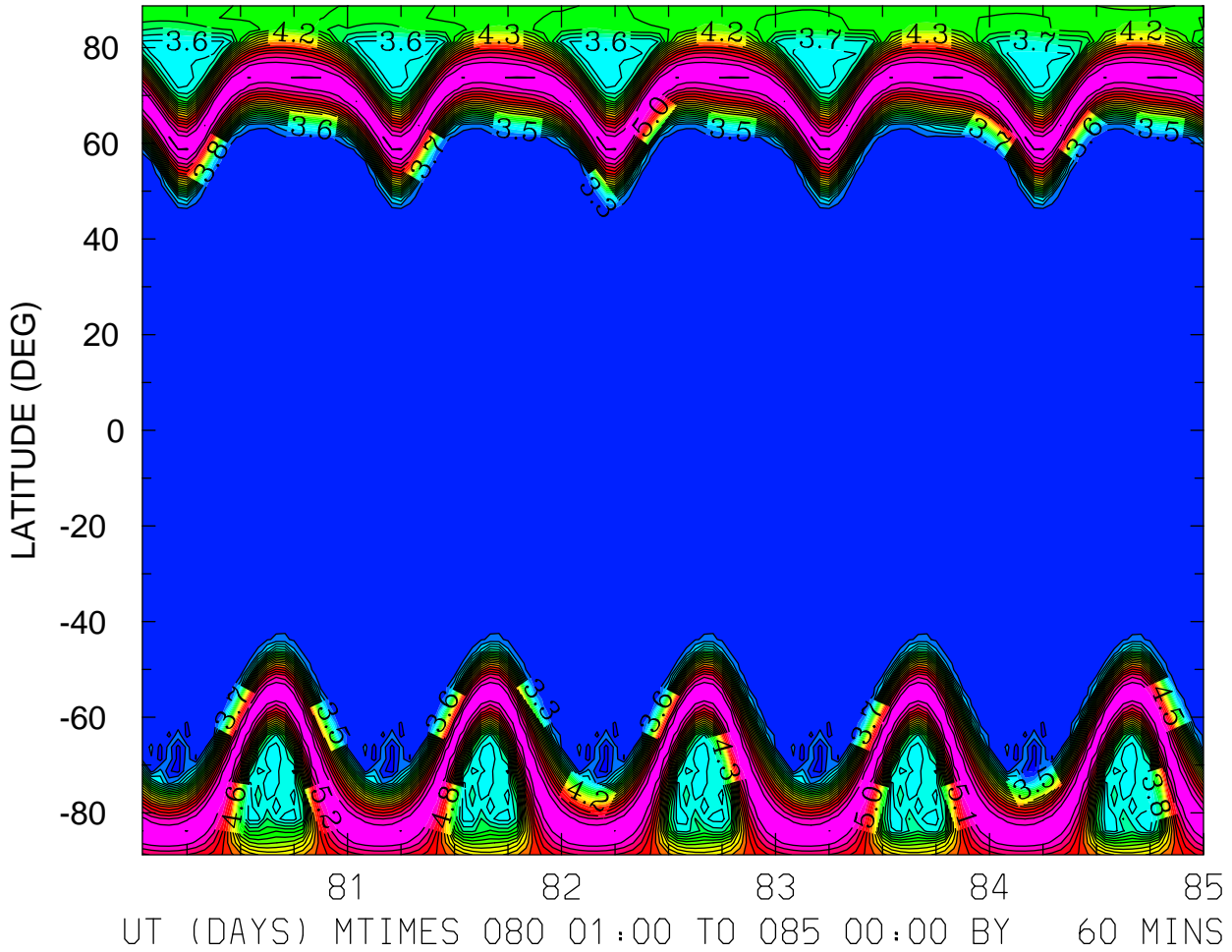
MIN,MAX= 6.3719E+00 6.6588E+00 INTERVAL= 2.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
ZP = 3.875 ZONAL MEANS



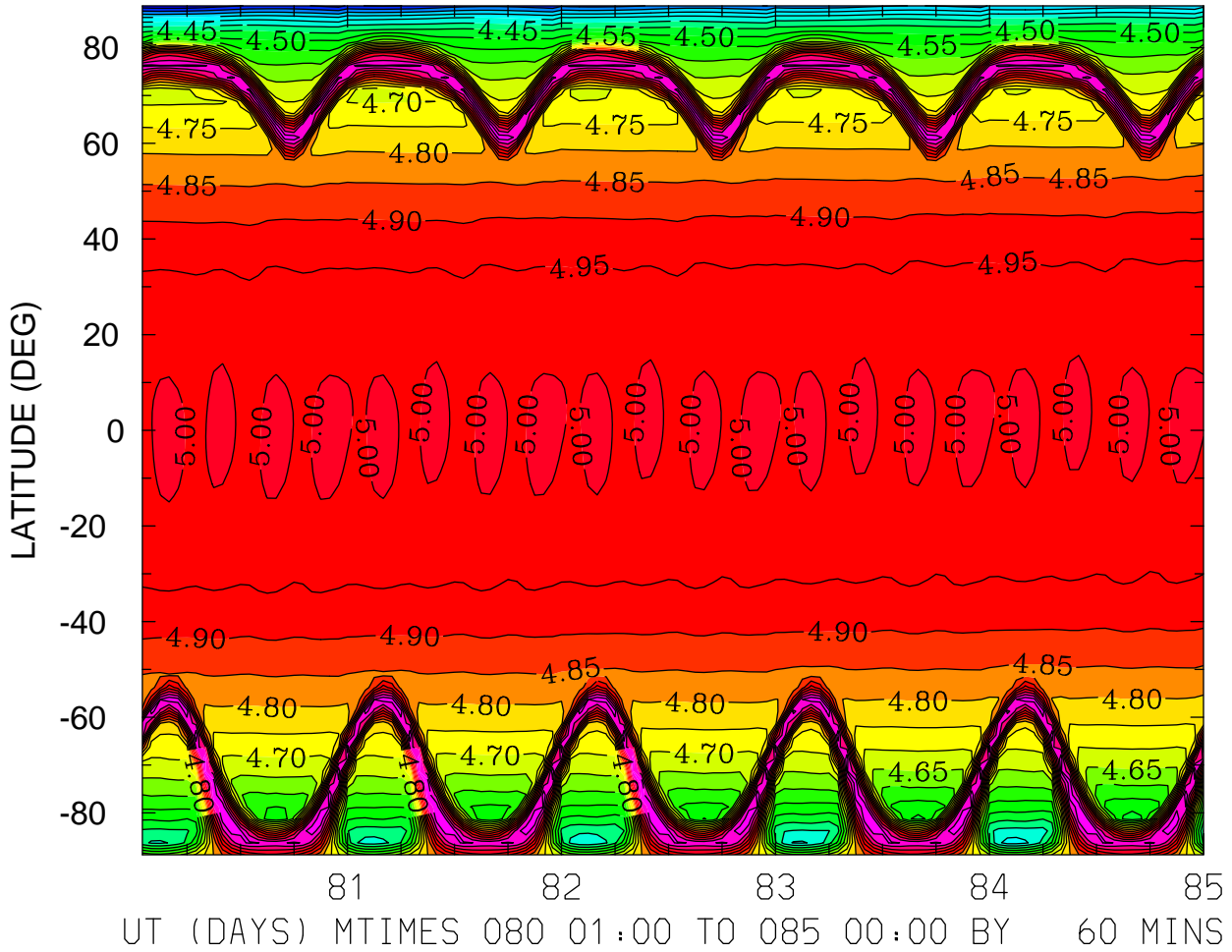
MIN,MAX= 6.3812E+00 6.6255E+00 INTERVAL= 2.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
ZP = -4.000 LOCAL TIME = 0.00



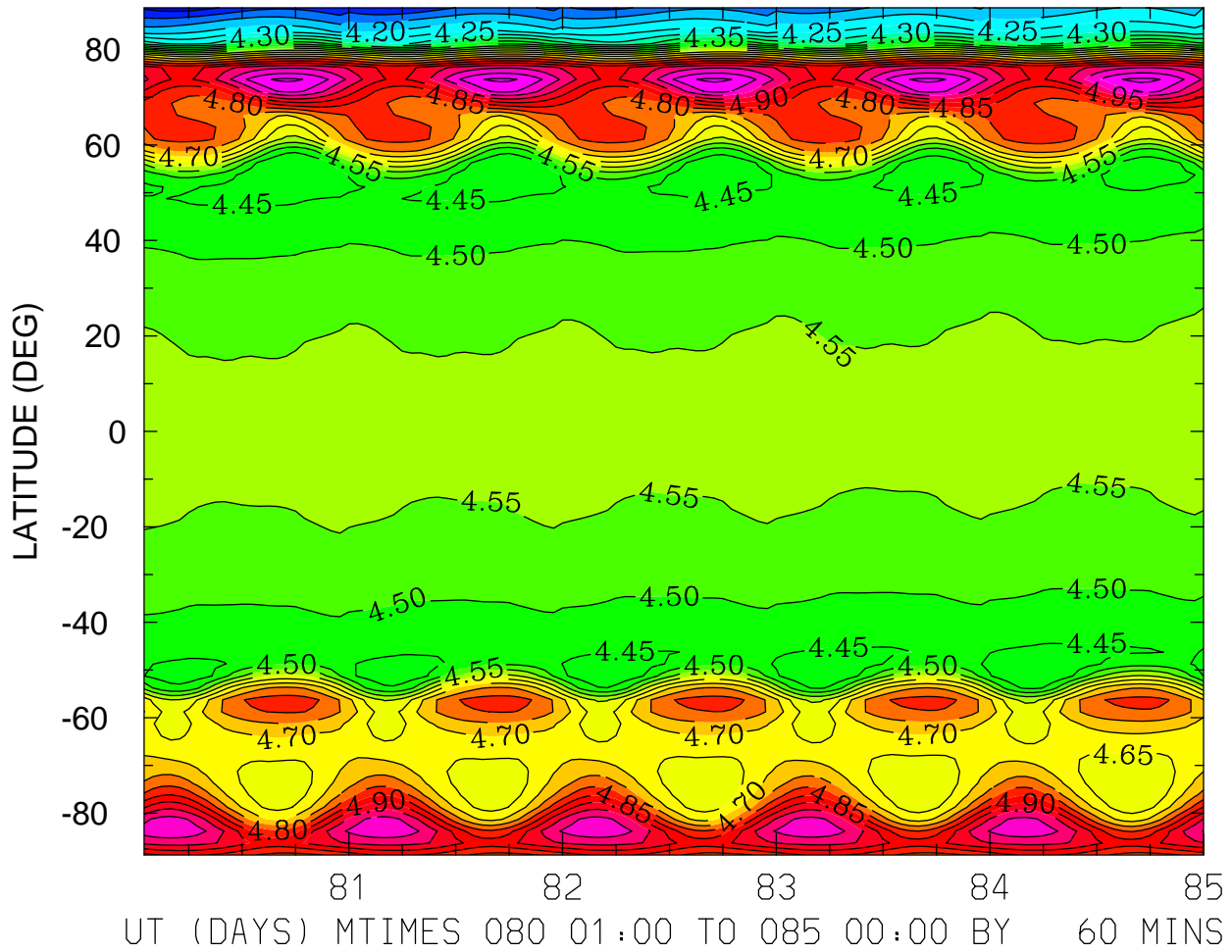
MIN,MAX= 3.1595E+00 5.3062E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
ZP = -4.000 LOCAL TIME = 12.00



MIN,MAX= 4.1093E+00 5.1934E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

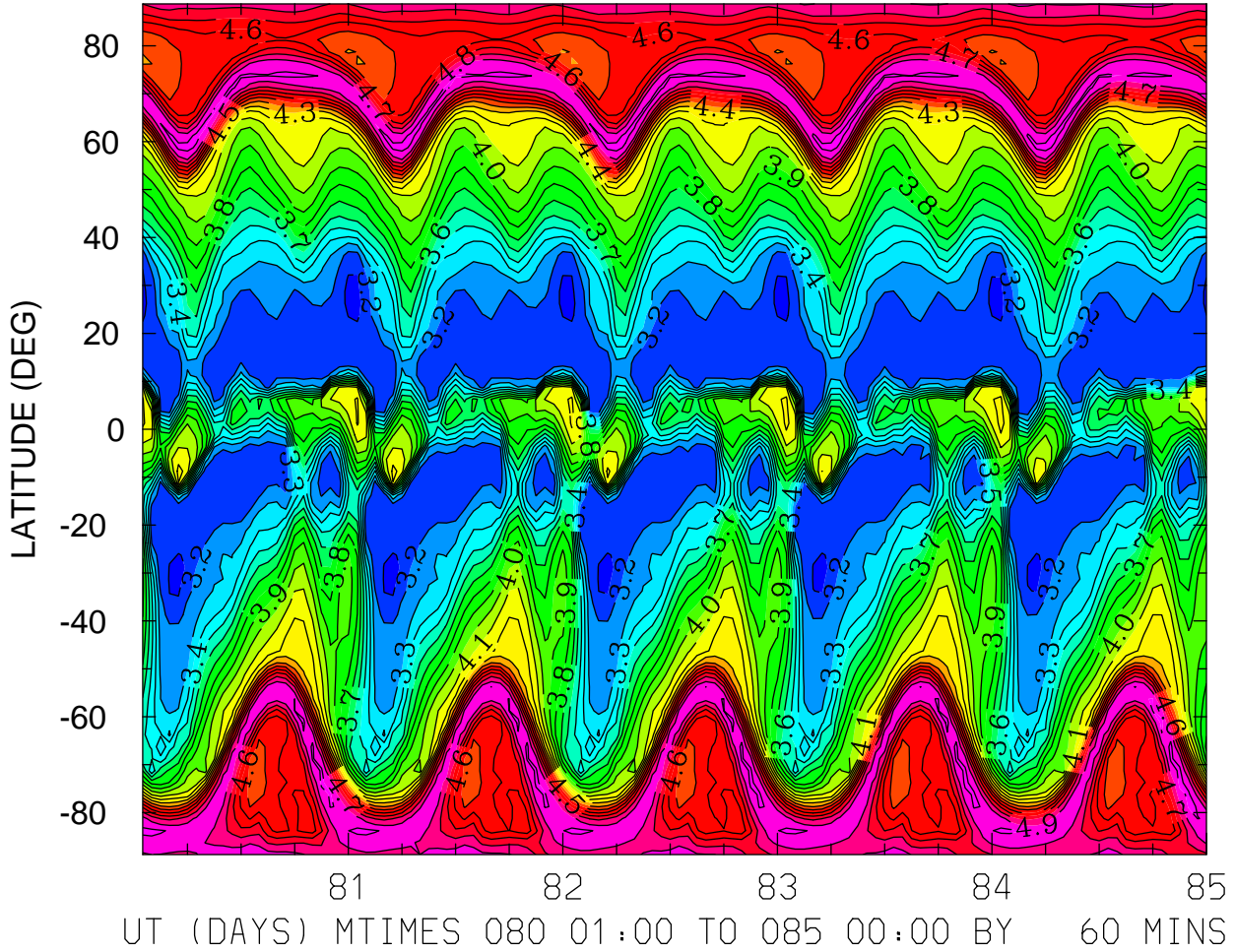
LOG10 ELECTRON DENSITY (CM3)  
ZP = -4.000 ZONAL MEANS



MIN,MAX= 4.0235E+00 5.1124E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

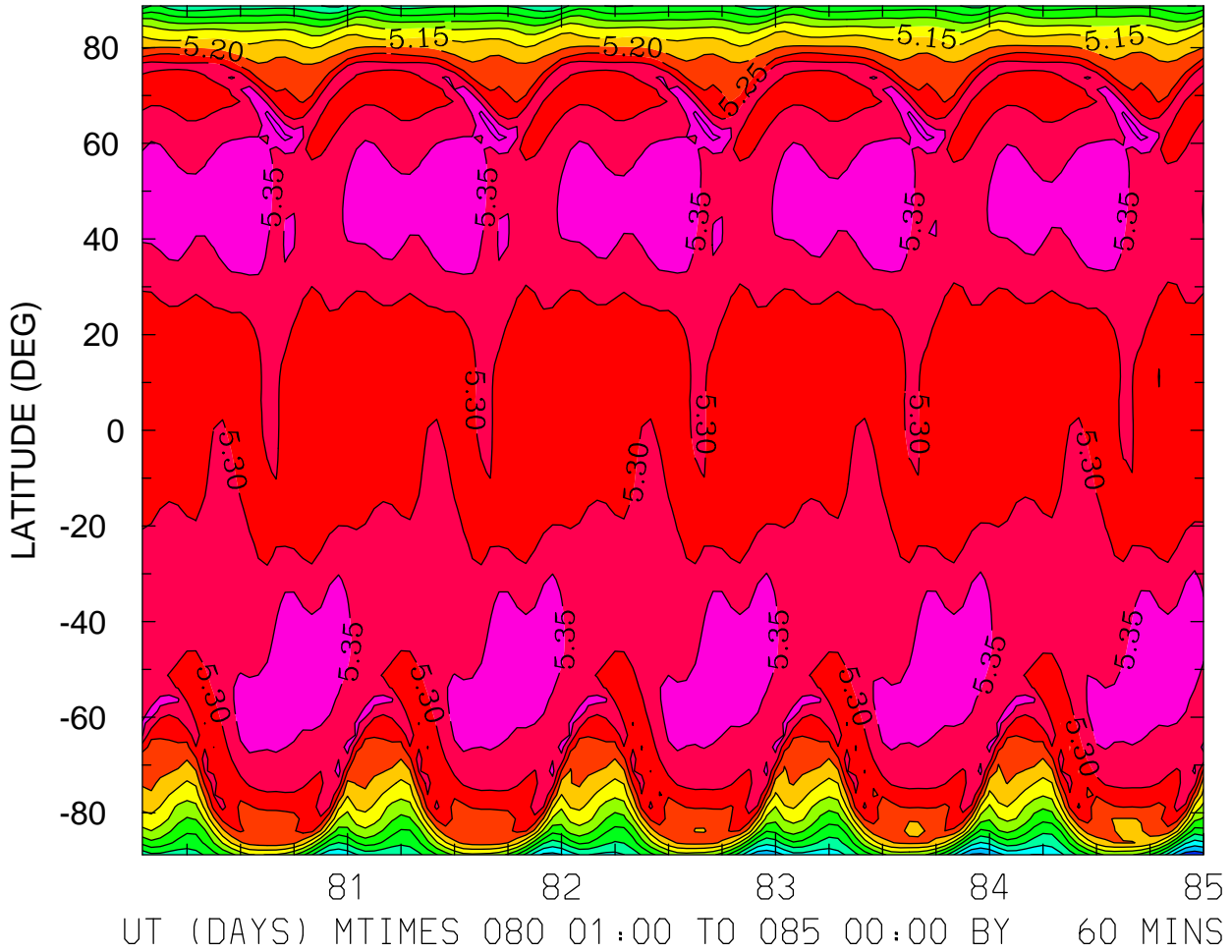


LOG10 ELECTRON DENSITY (CM3)  
ZP = 0.000 LOCAL TIME = 0.00



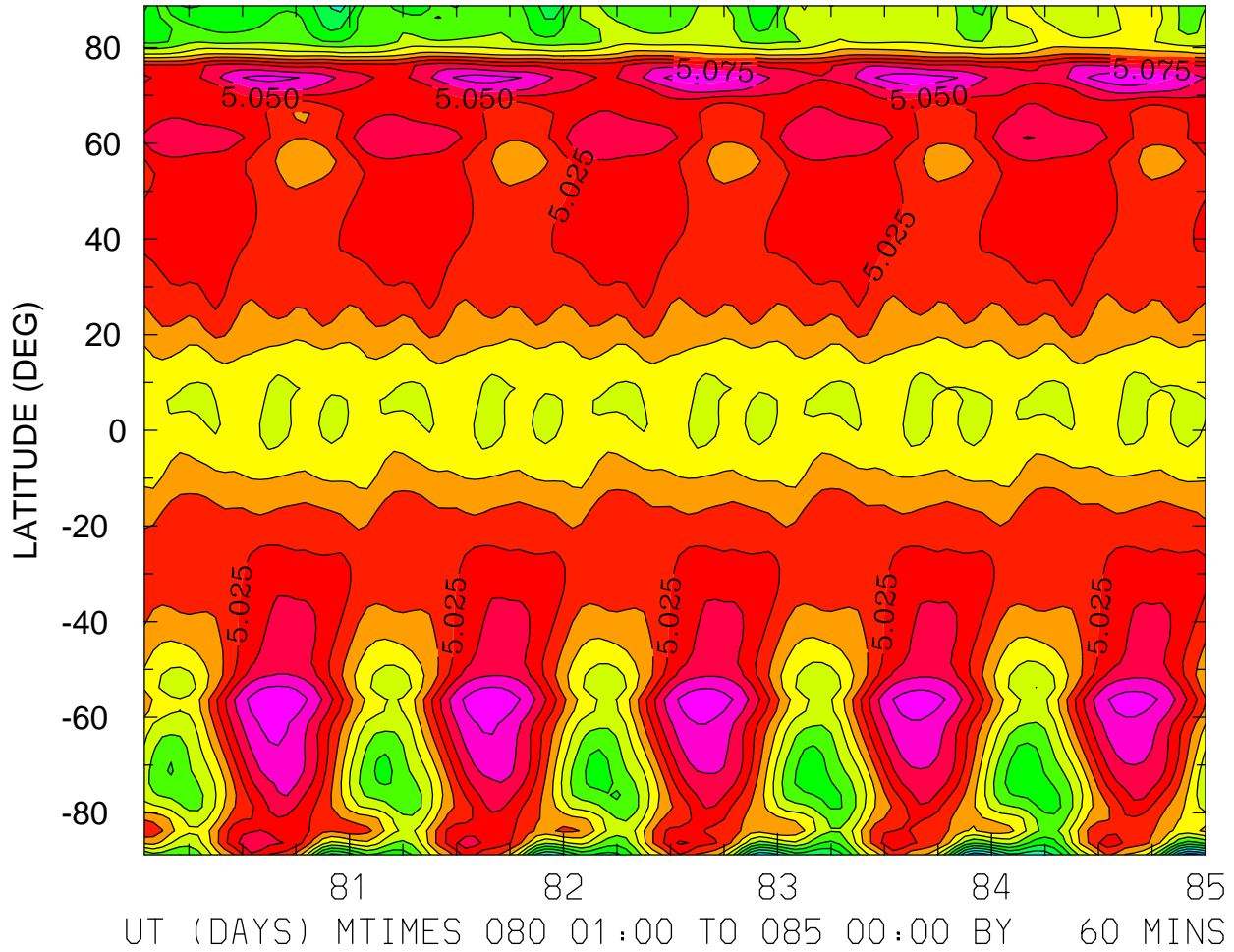
MIN,MAX= 3.0859E+00 5.0398E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
ZP = 0.000 LOCAL TIME = 12.00



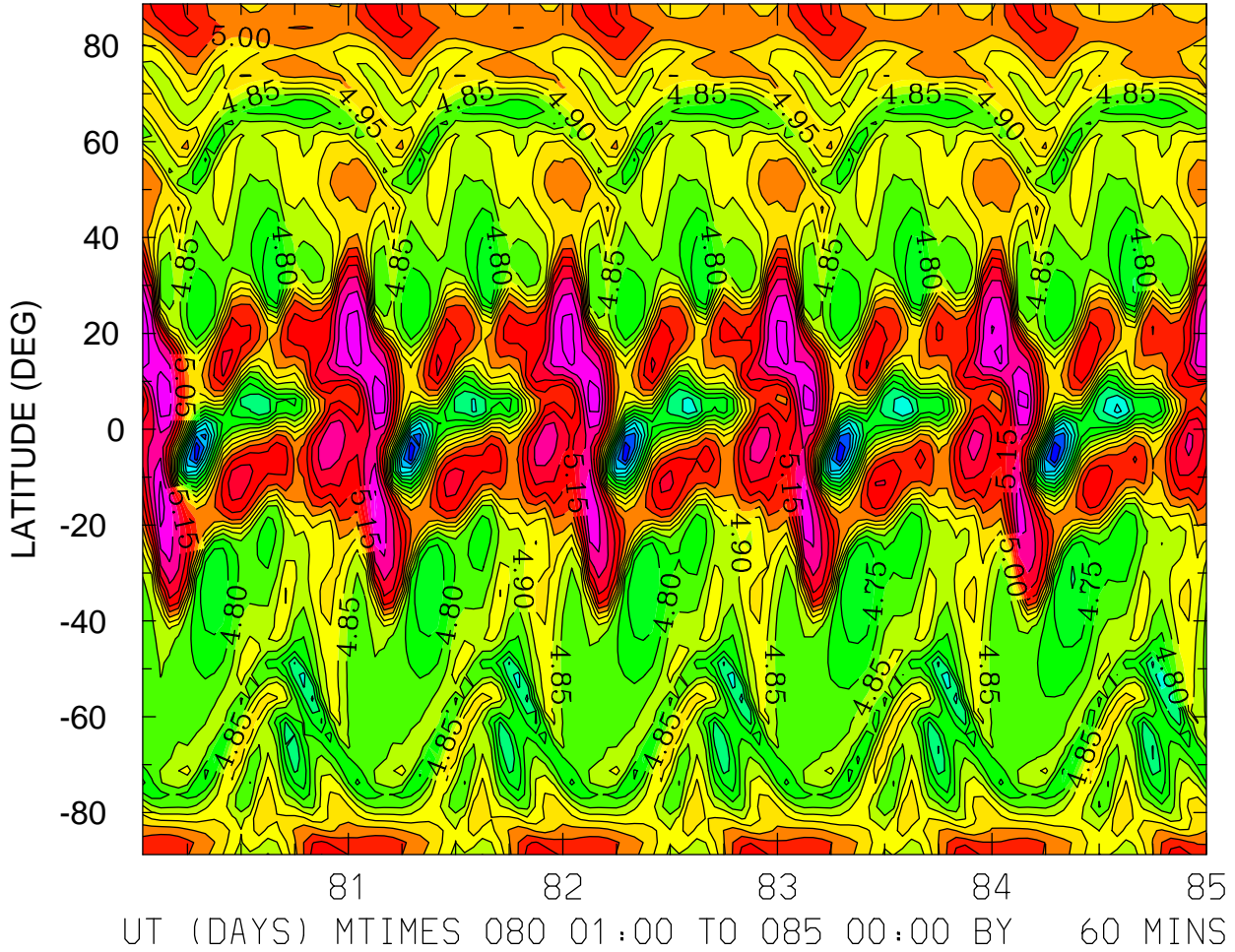
MIN,MAX= 4.7663E+00 5.4209E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
ZP = 0.000 ZONAL MEANS



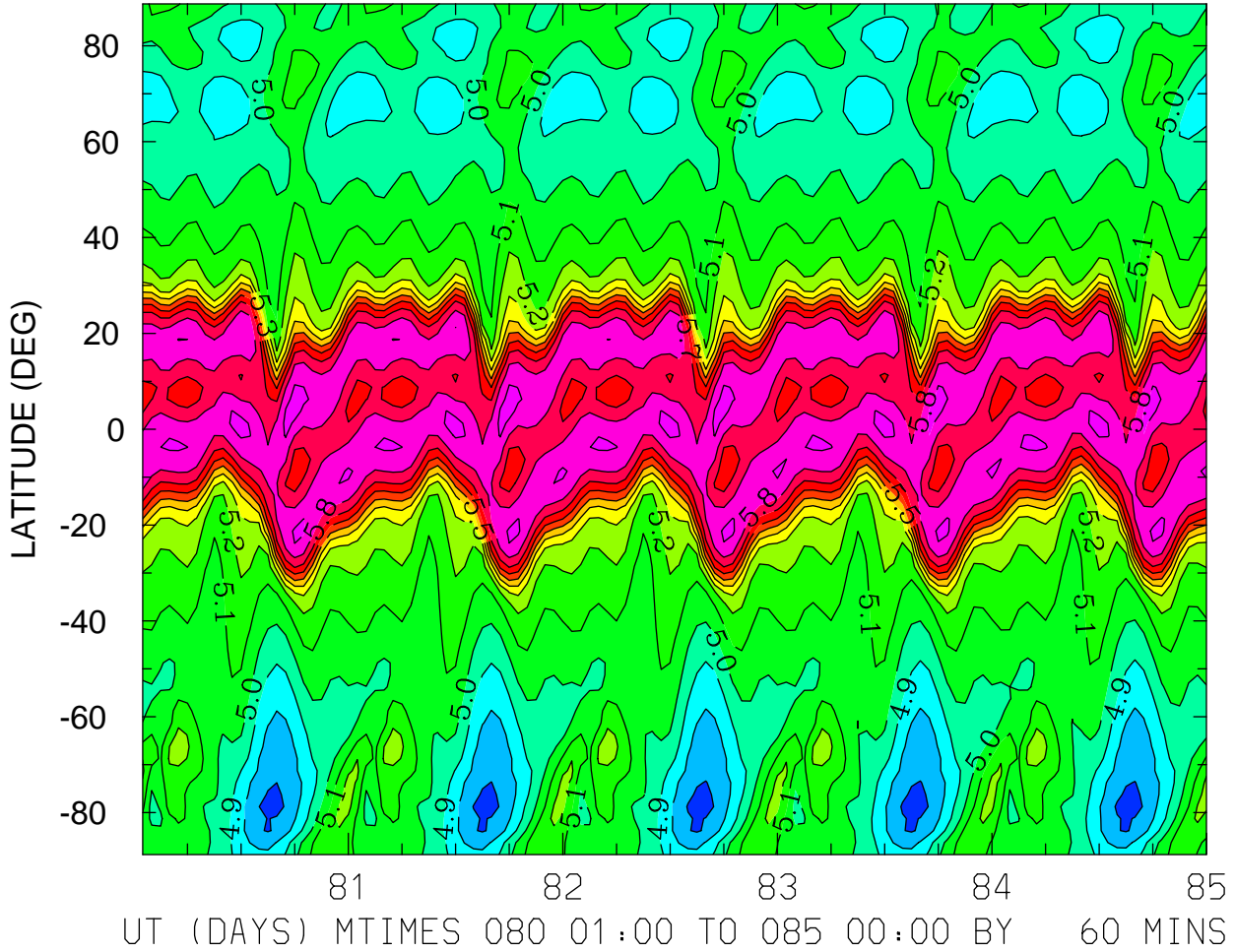
MIN,MAX= 4.7606E+00 5.1186E+00 INTERVAL= 2.5000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
ZP = 4.000 LOCAL TIME = 0.00



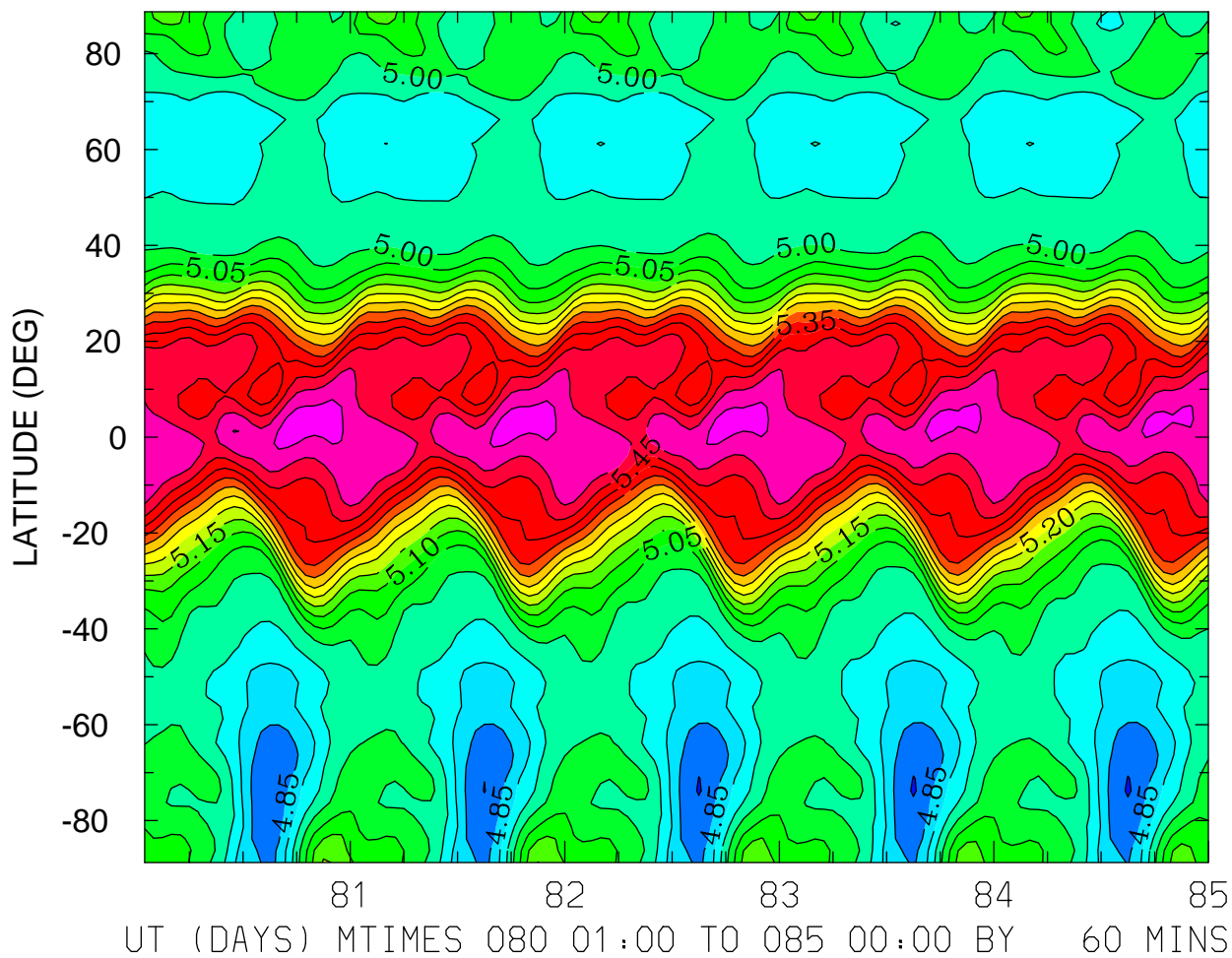
MIN,MAX= 4.4027E+00 5.3463E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
ZP = 4.000 LOCAL TIME = 12.00



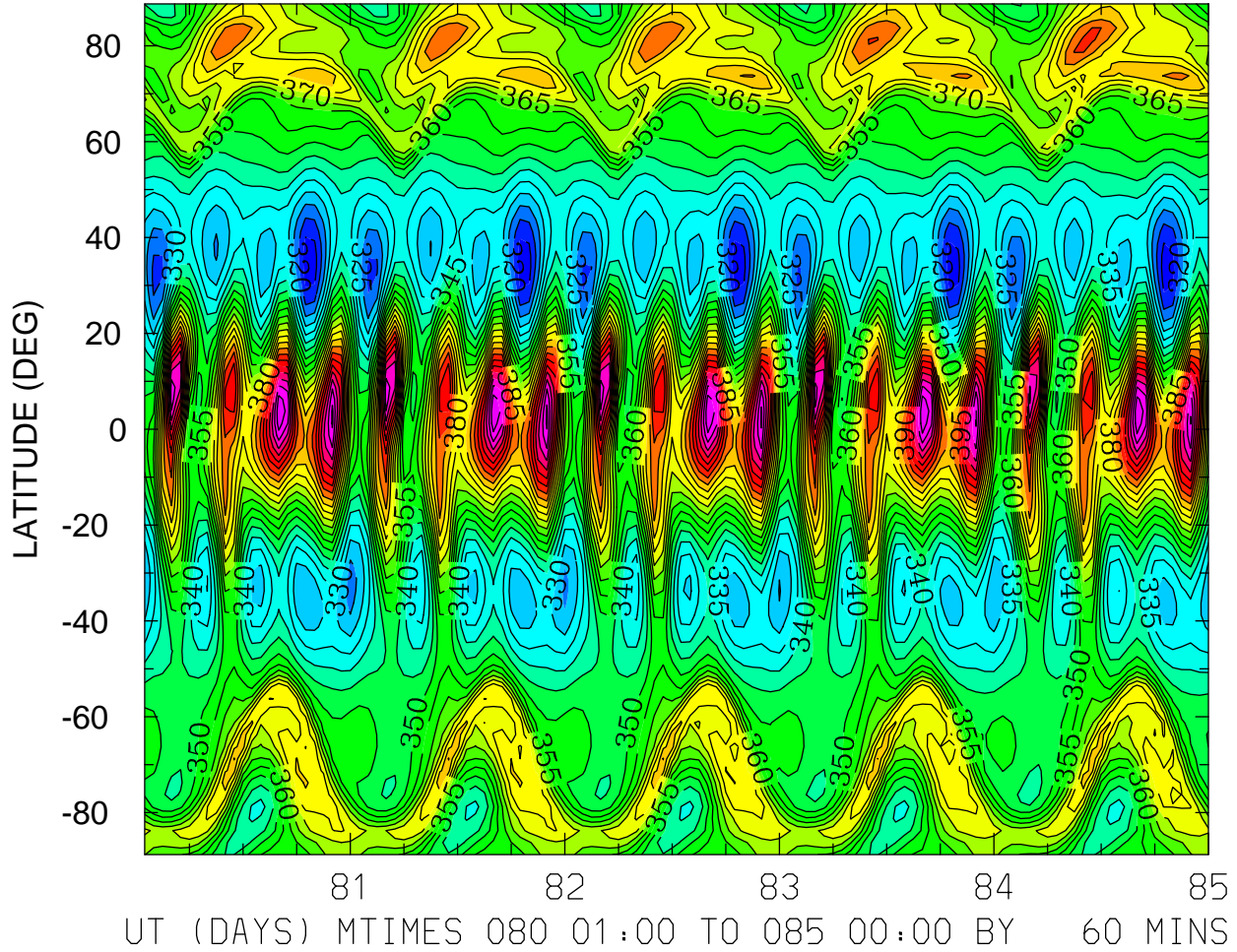
MIN,MAX= 4.6632E+00 5.9333E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
ZP = 4.000 ZONAL MEANS



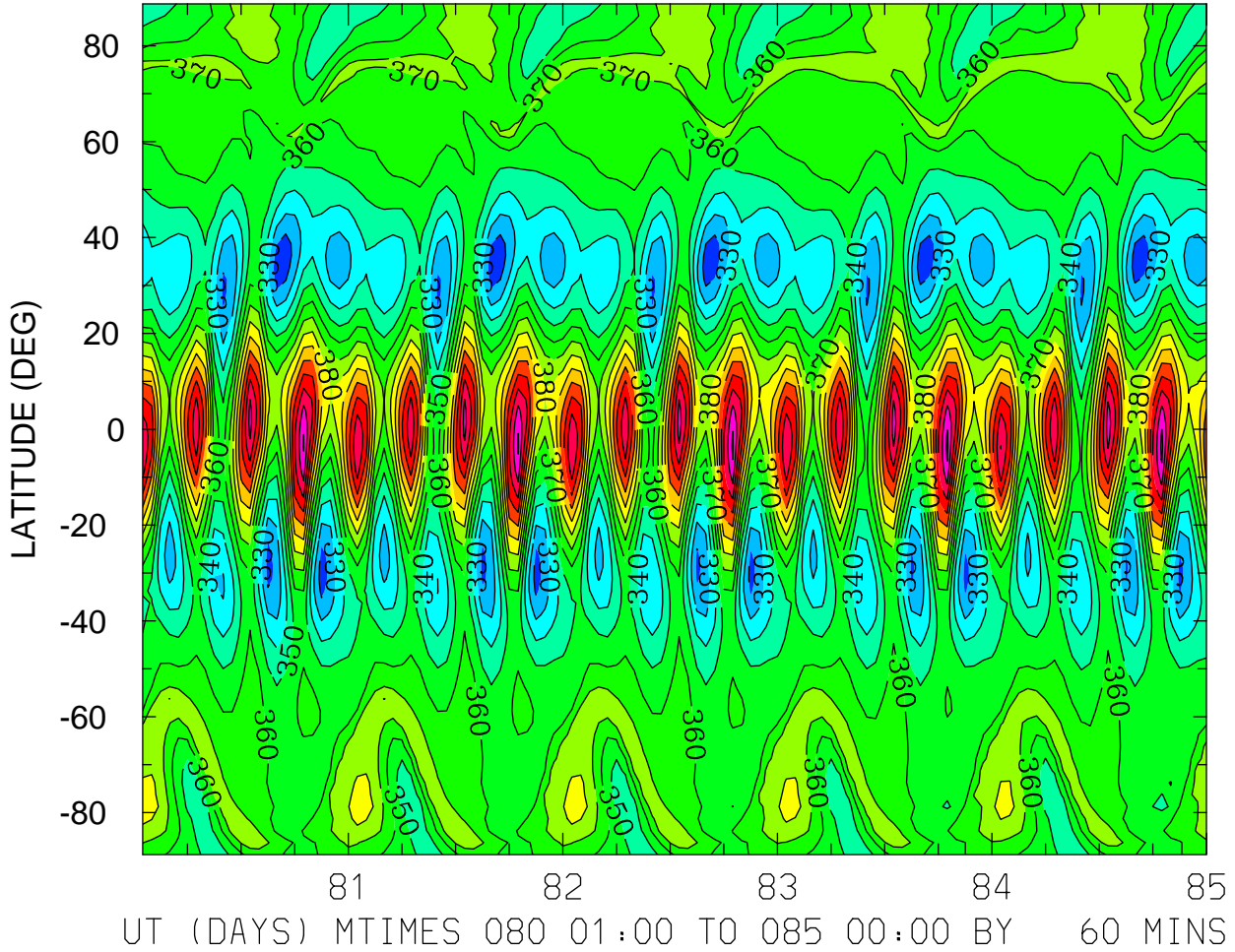
MIN,MAX= 4.7957E+00 5.5704E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
ZP = -4.125 LOCAL TIME = 0.00



MIN,MAX= 3.1232E+02 4.2456E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

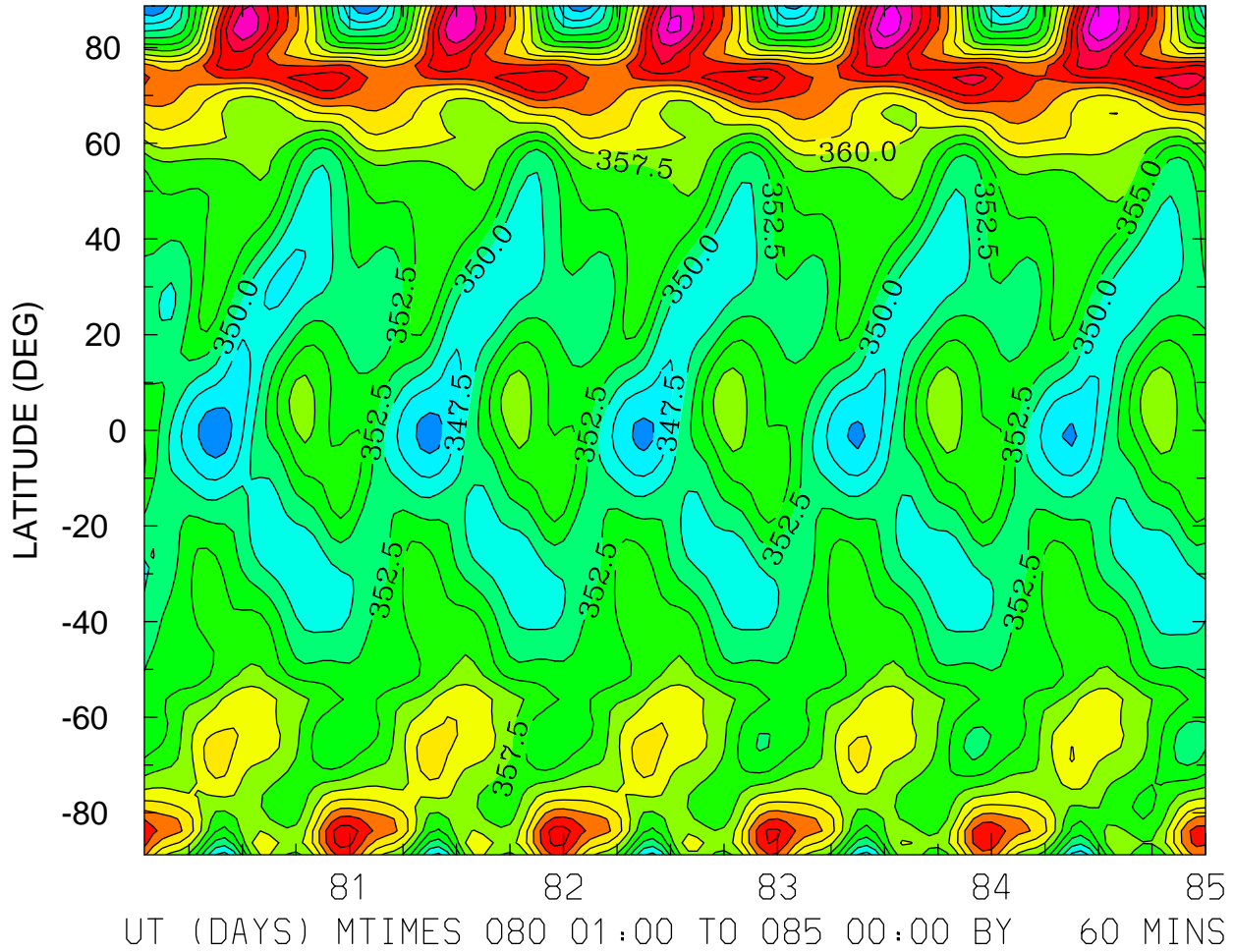
ELECTRON TEMPERATURE (DEG K)  
ZP = -4.125 LOCAL TIME = 12.00



MIN,MAX= 3.1364E+02 4.4259E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

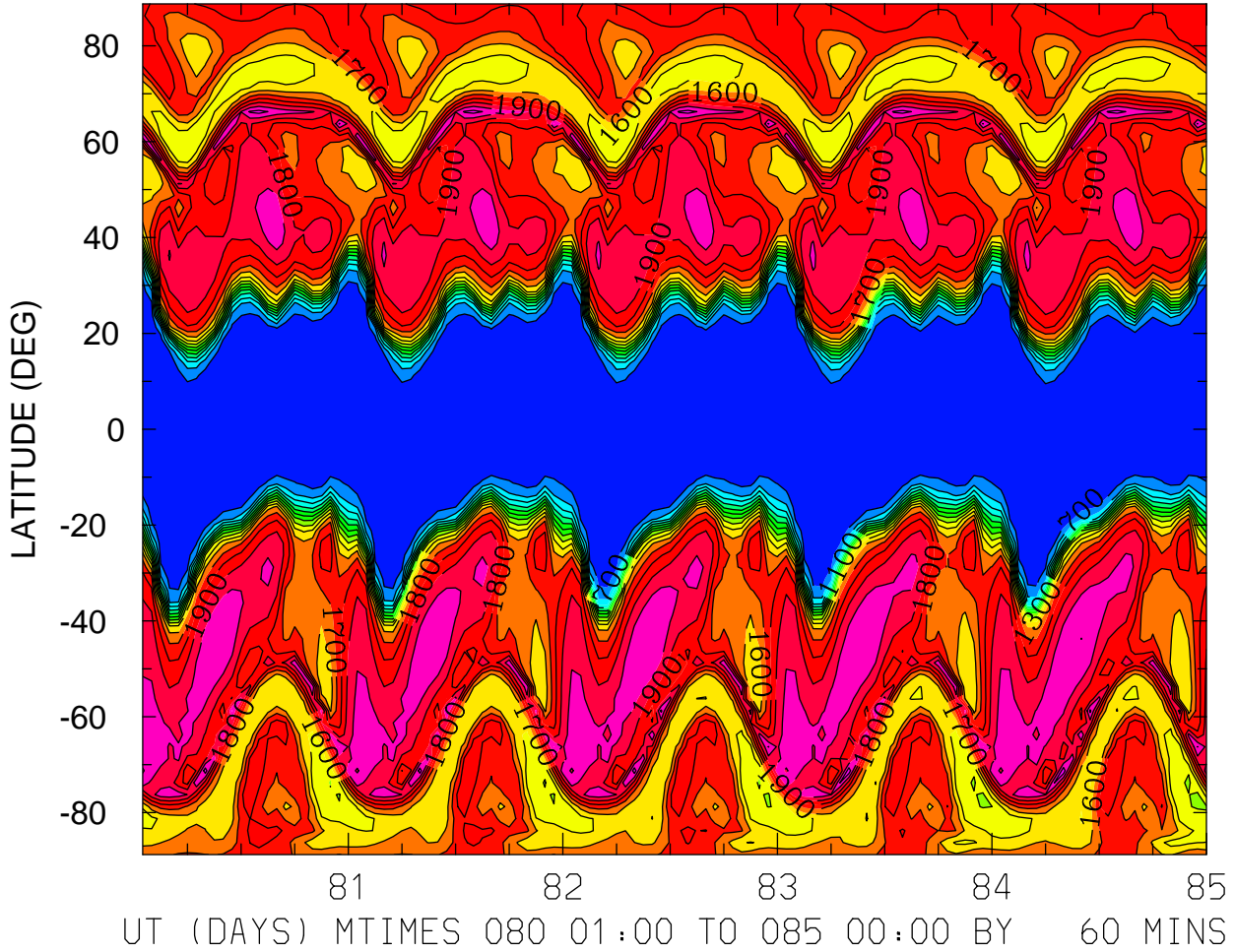


ELECTRON TEMPERATURE (DEG K)  
ZP = -4.125 ZONAL MEANS



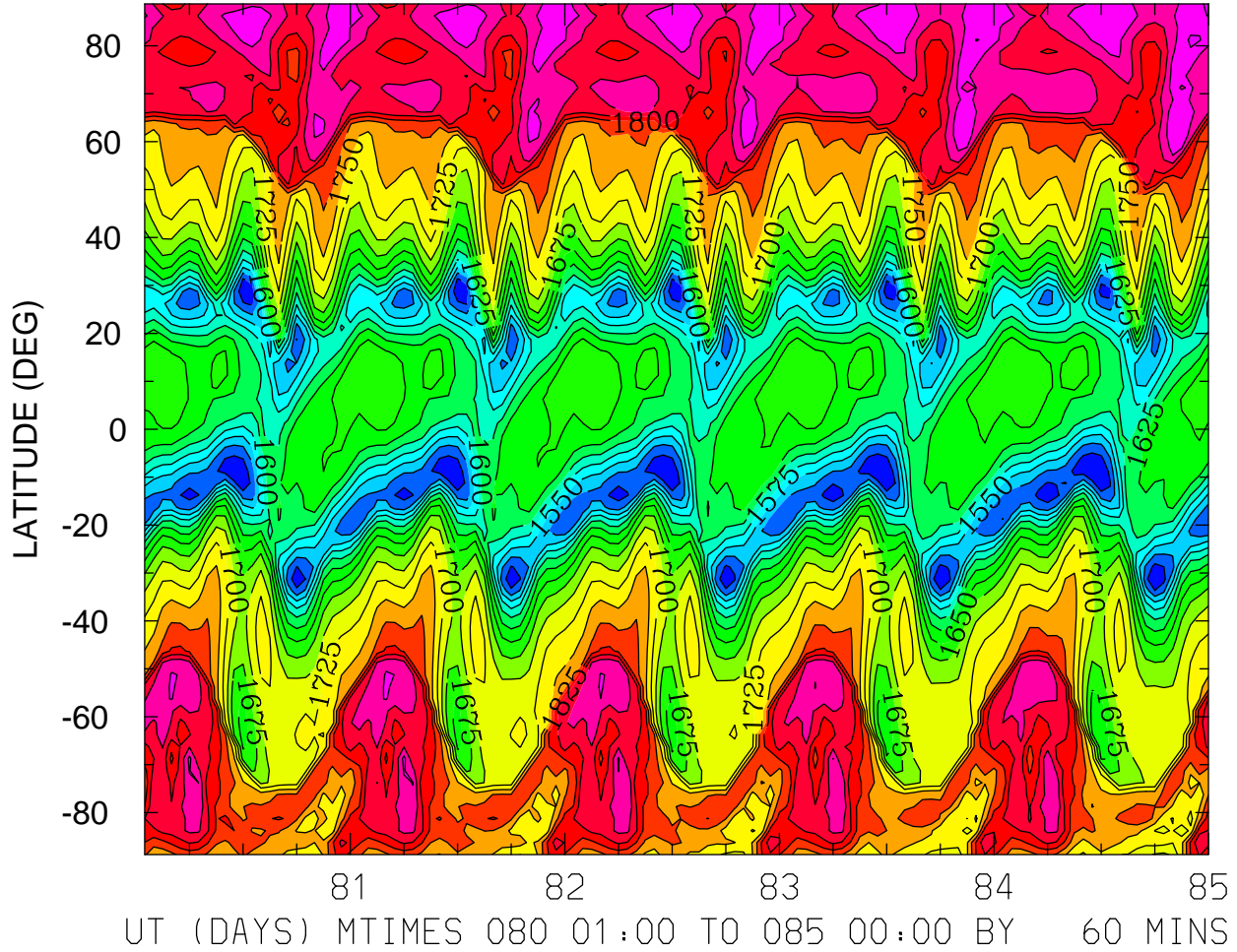
MIN,MAX= 3.4238E+02 3.7954E+02 INTERVAL= 2.5000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
ZP = -0.125 LOCAL TIME = 0.00

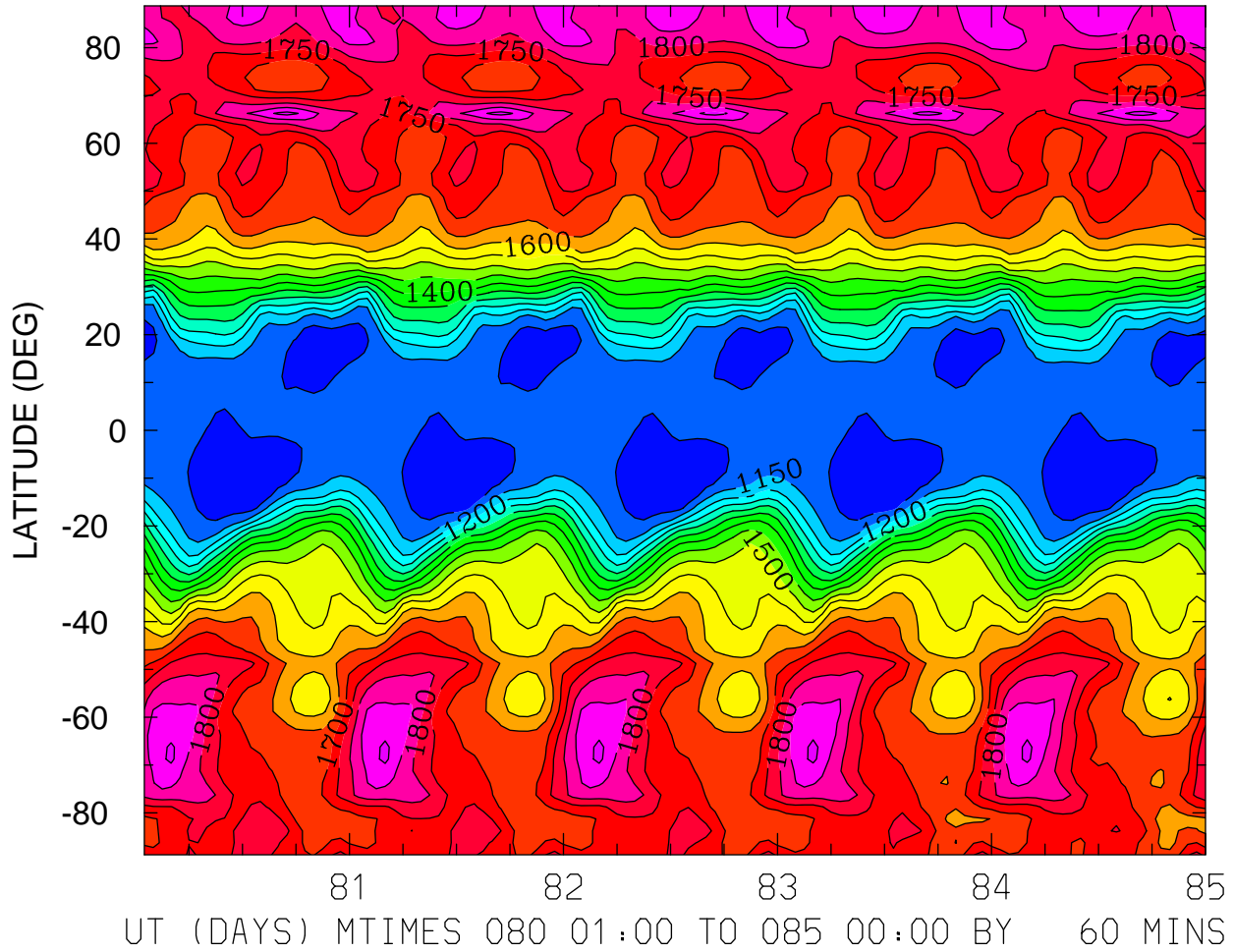


MIN,MAX= 6.1581E+02 2.1752E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
ZP = -0.125 LOCAL TIME = 12.00

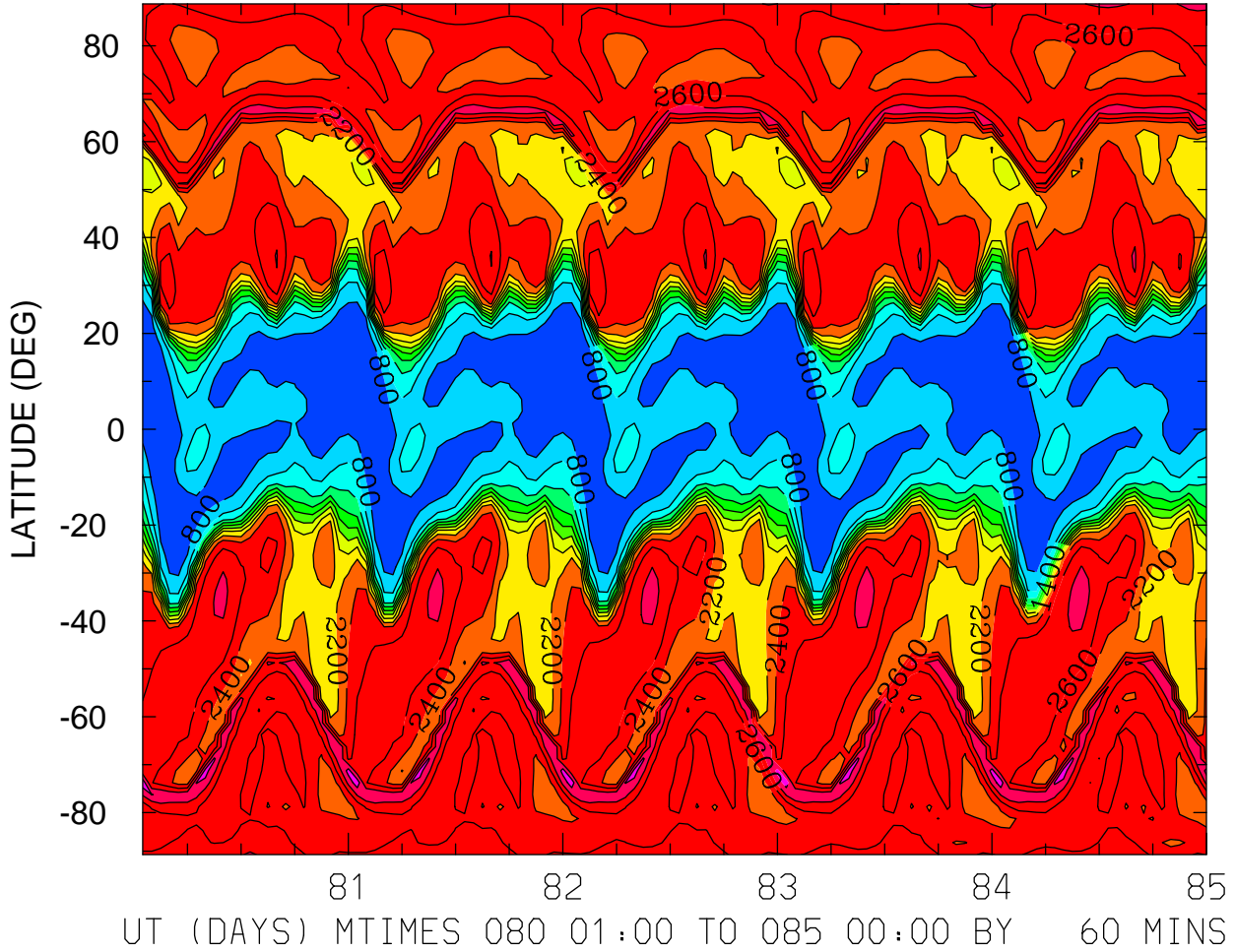


ELECTRON TEMPERATURE (DEG K)  
ZP = -0.125 ZONAL MEANS



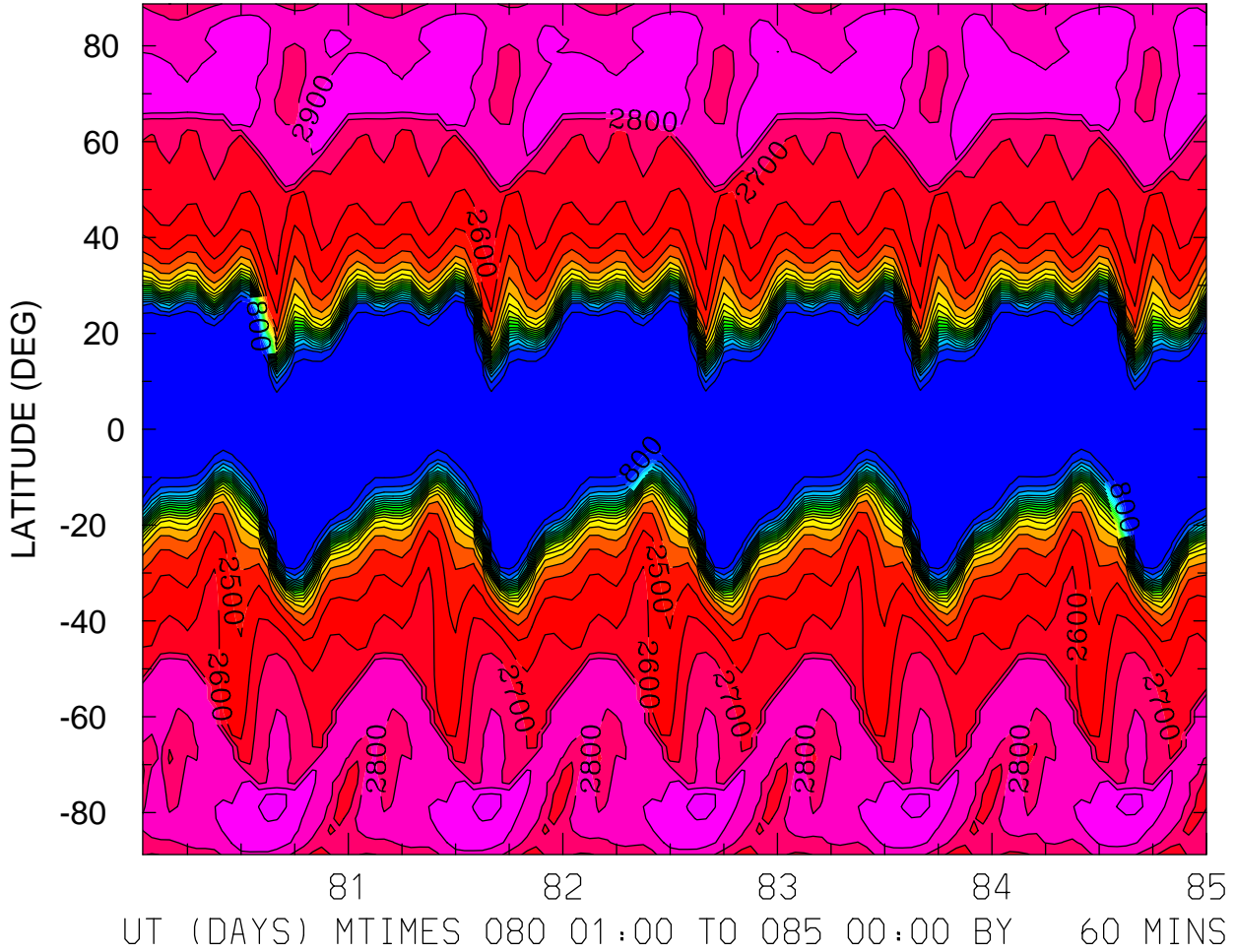
MIN,MAX= 1.0551E+03 1.9205E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
ZP = 3.875 LOCAL TIME = 0.00



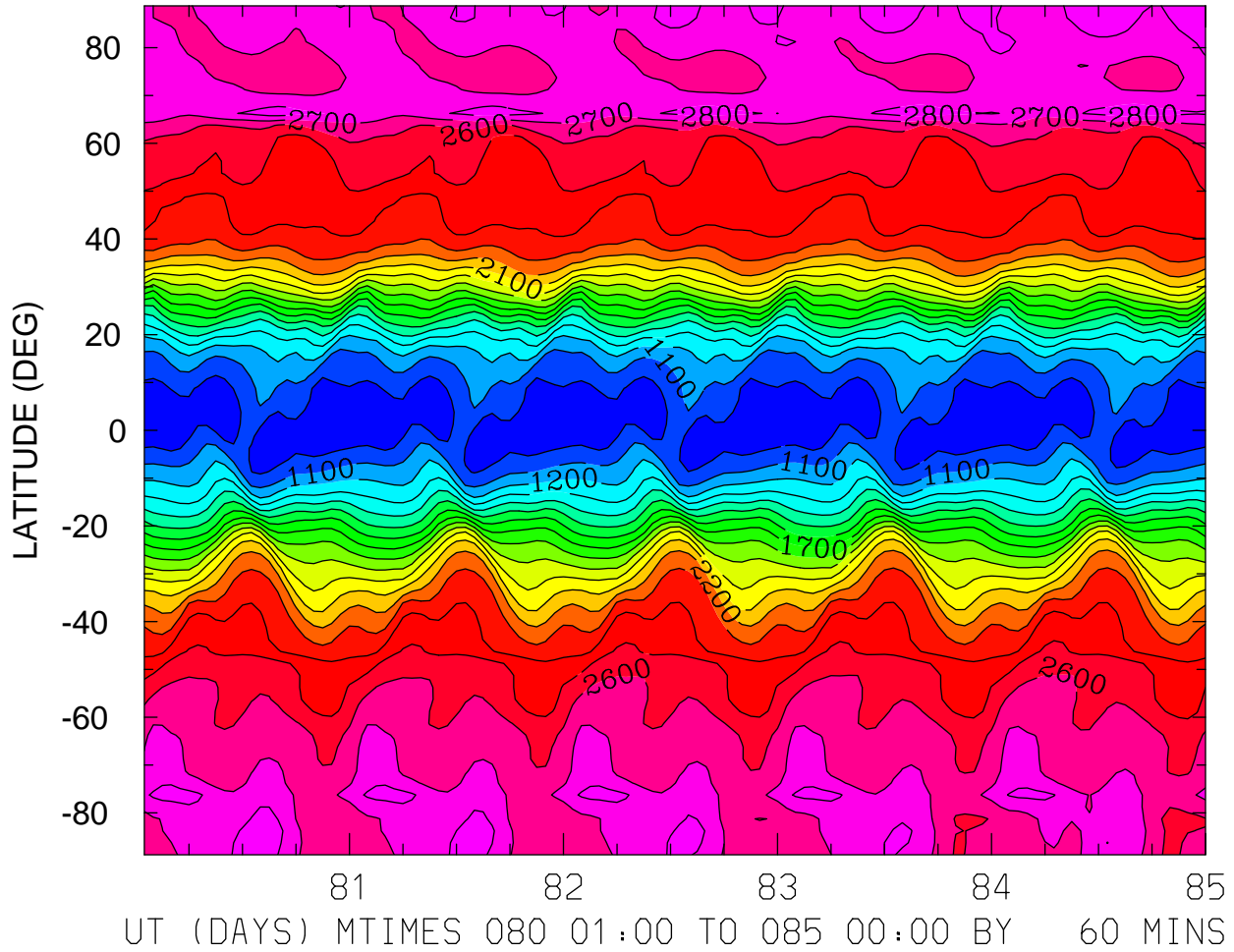
MIN,MAX= 6.5458E+02 3.1294E+03 INTERVAL= 2.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
ZP = 3.875 LOCAL TIME = 12.00



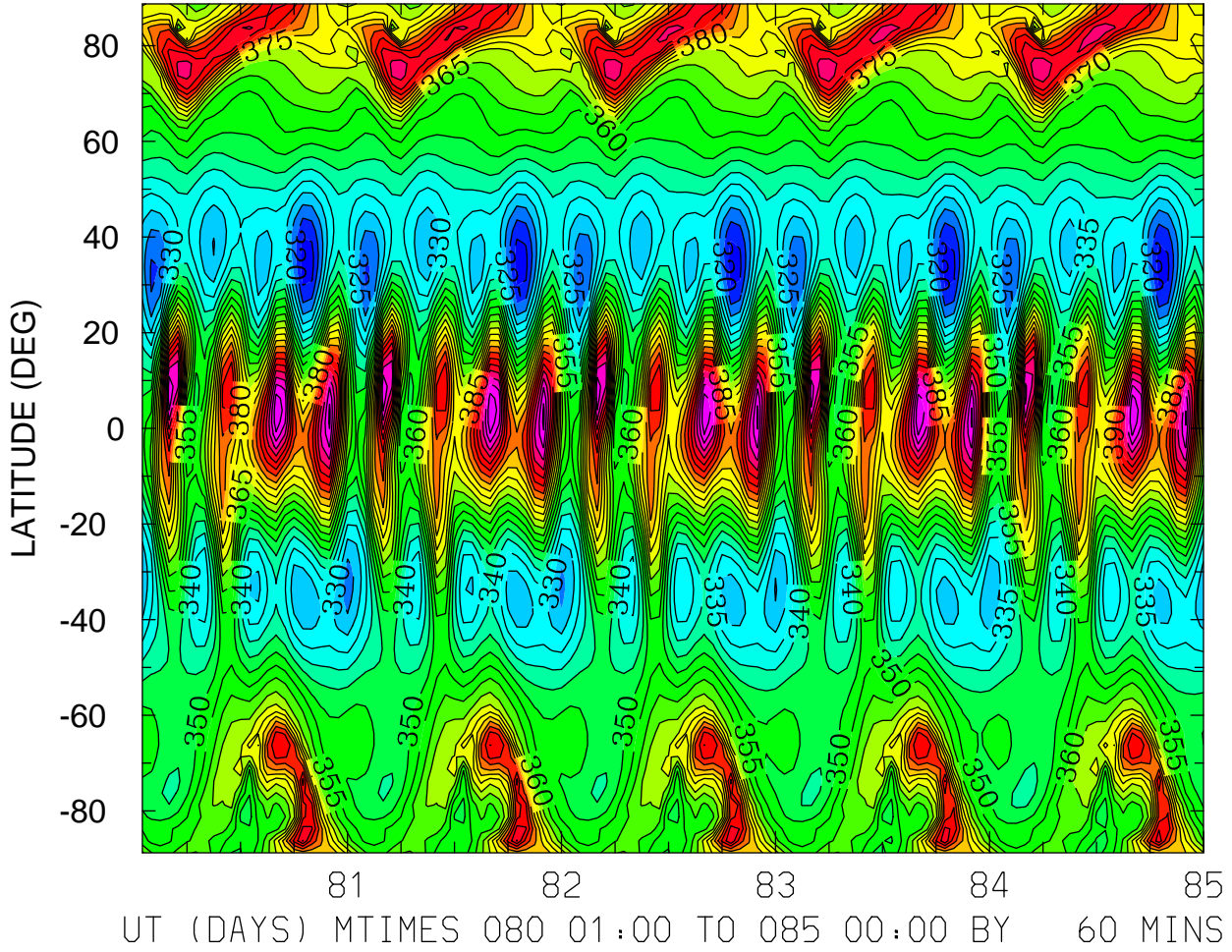
MIN,MAX= 7.1539E+02 3.0220E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
ZP = 3.875 ZONAL MEANS



MIN,MAX= 9.0657E+02 2.8700E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

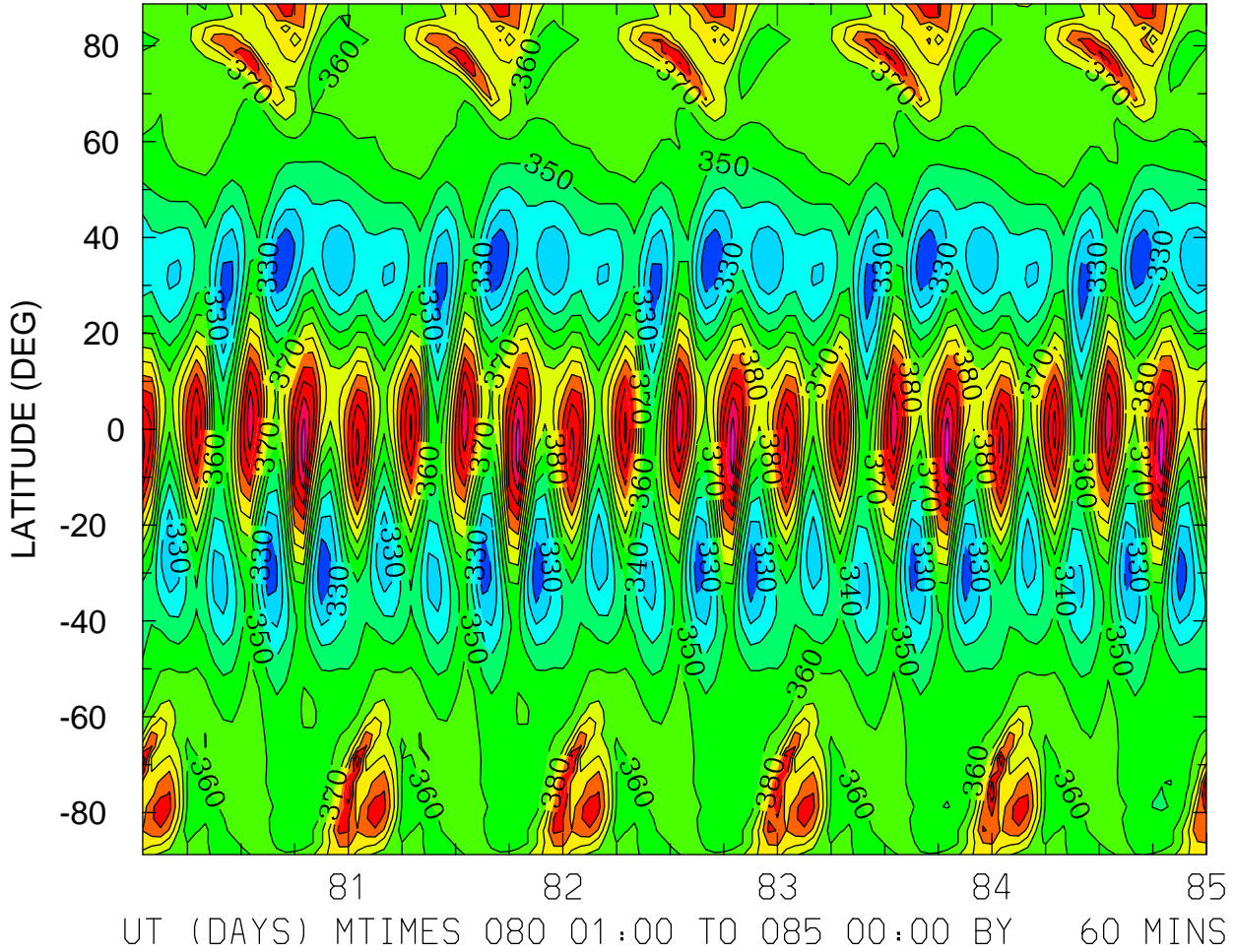
ION TEMPERATURE (DEG K)  
ZP = -4.125 LOCAL TIME = 0.00



MIN,MAX= 3.1250E+02 4.2481E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

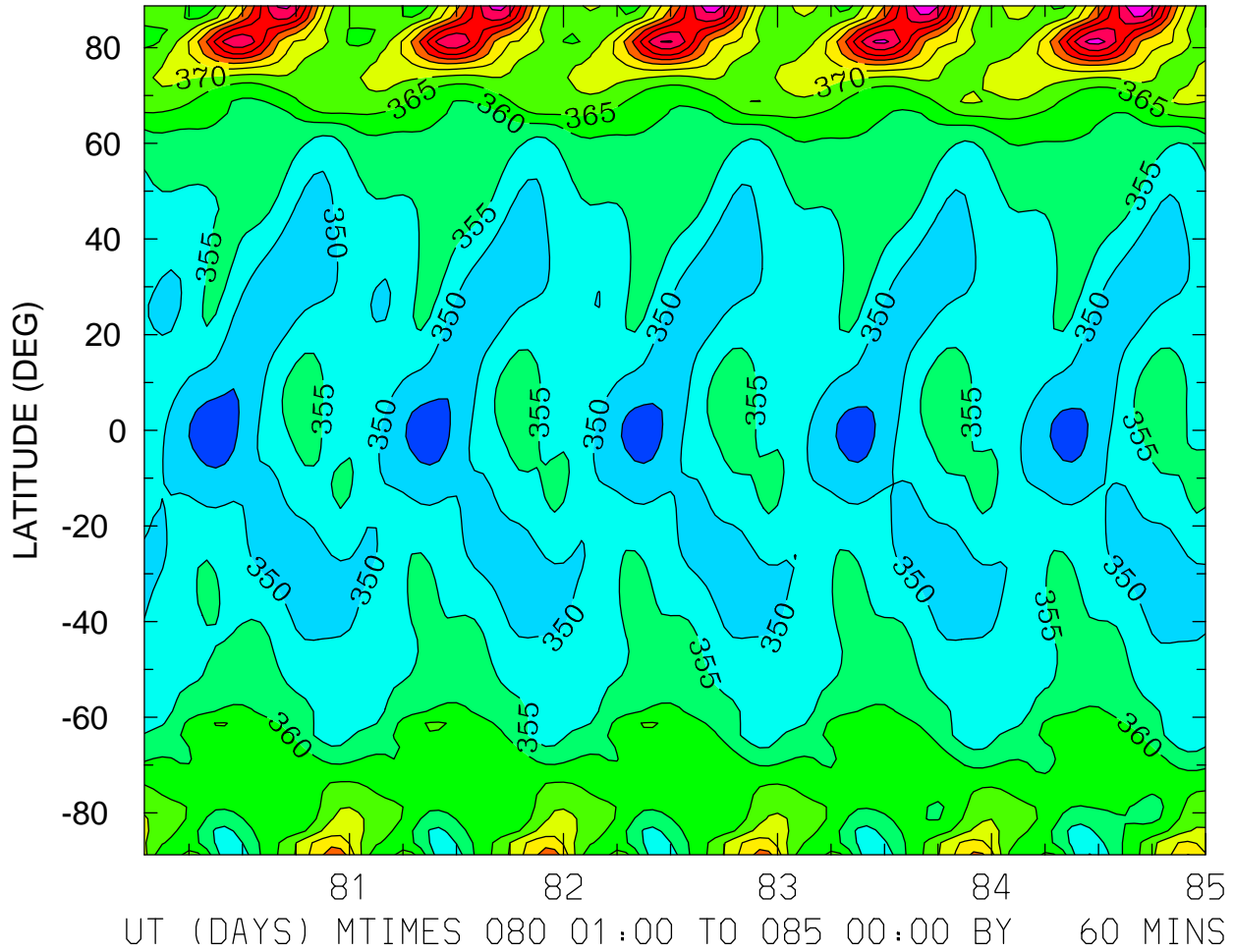


ION TEMPERATURE (DEG K)  
ZP = -4.125 LOCAL TIME = 12.00



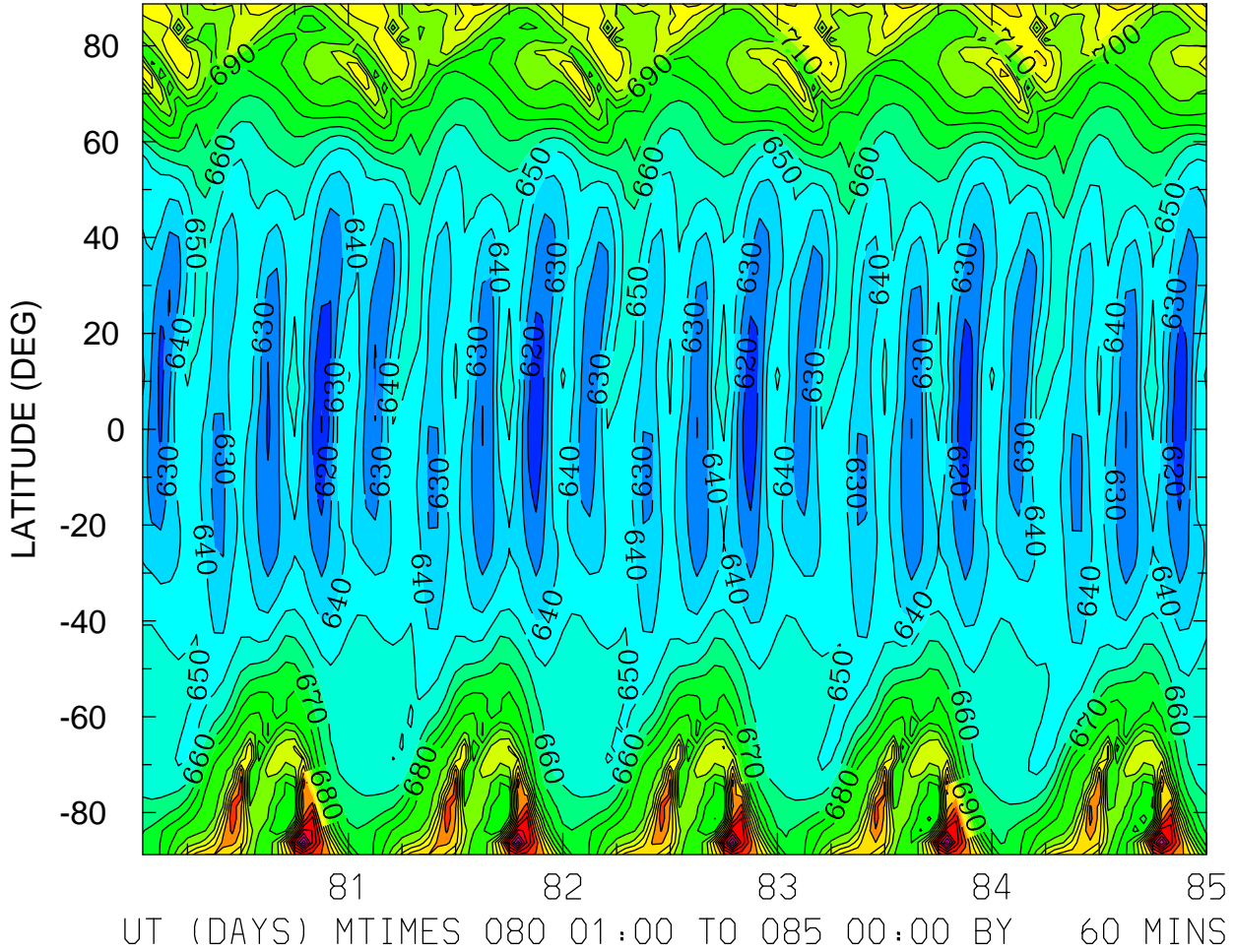
MIN,MAX= 3.1108E+02 4.3659E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
ZP = -4.125 ZONAL MEANS



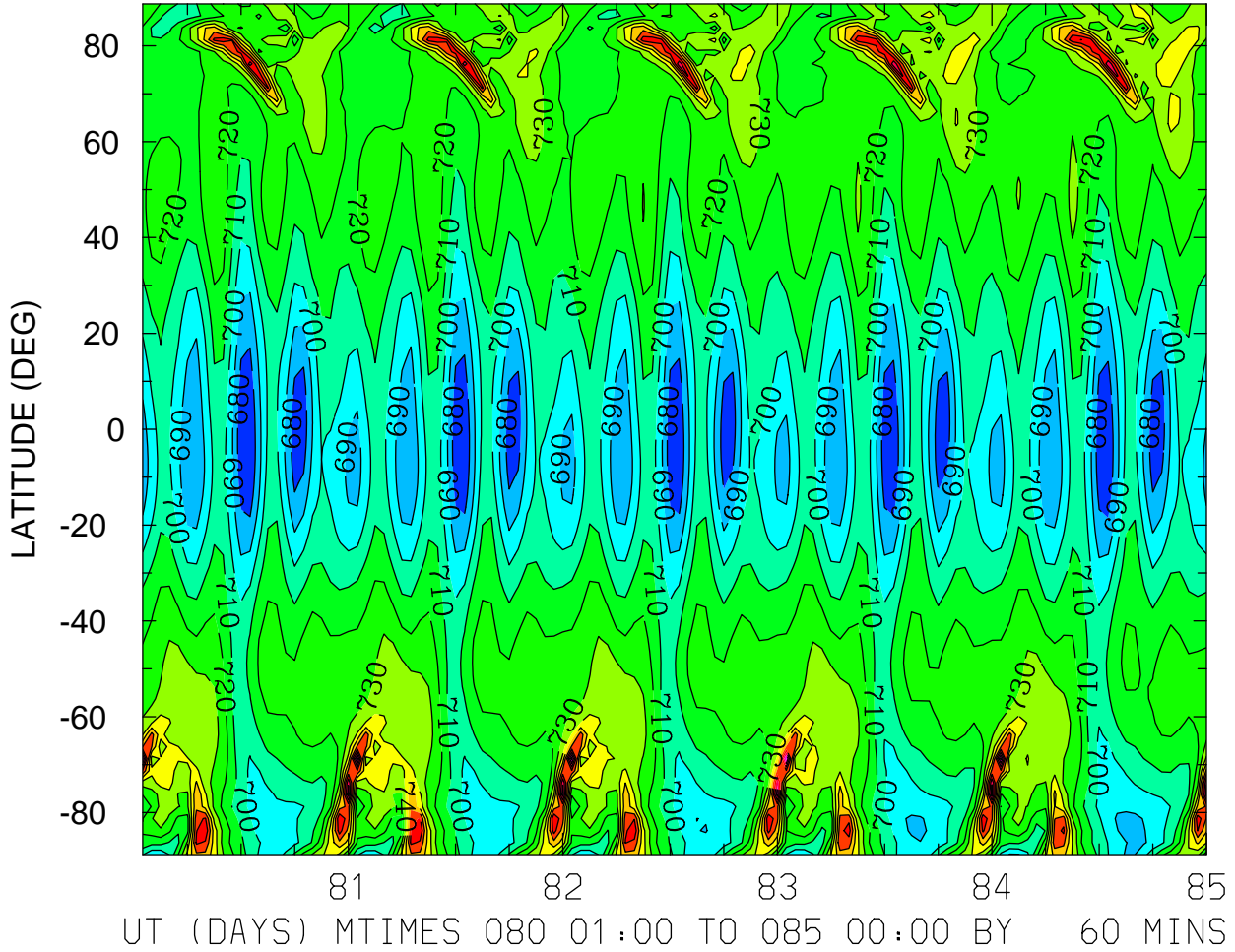
MIN,MAX= 3.4271E+02 4.0485E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
ZP = -0.125 LOCAL TIME = 0.00



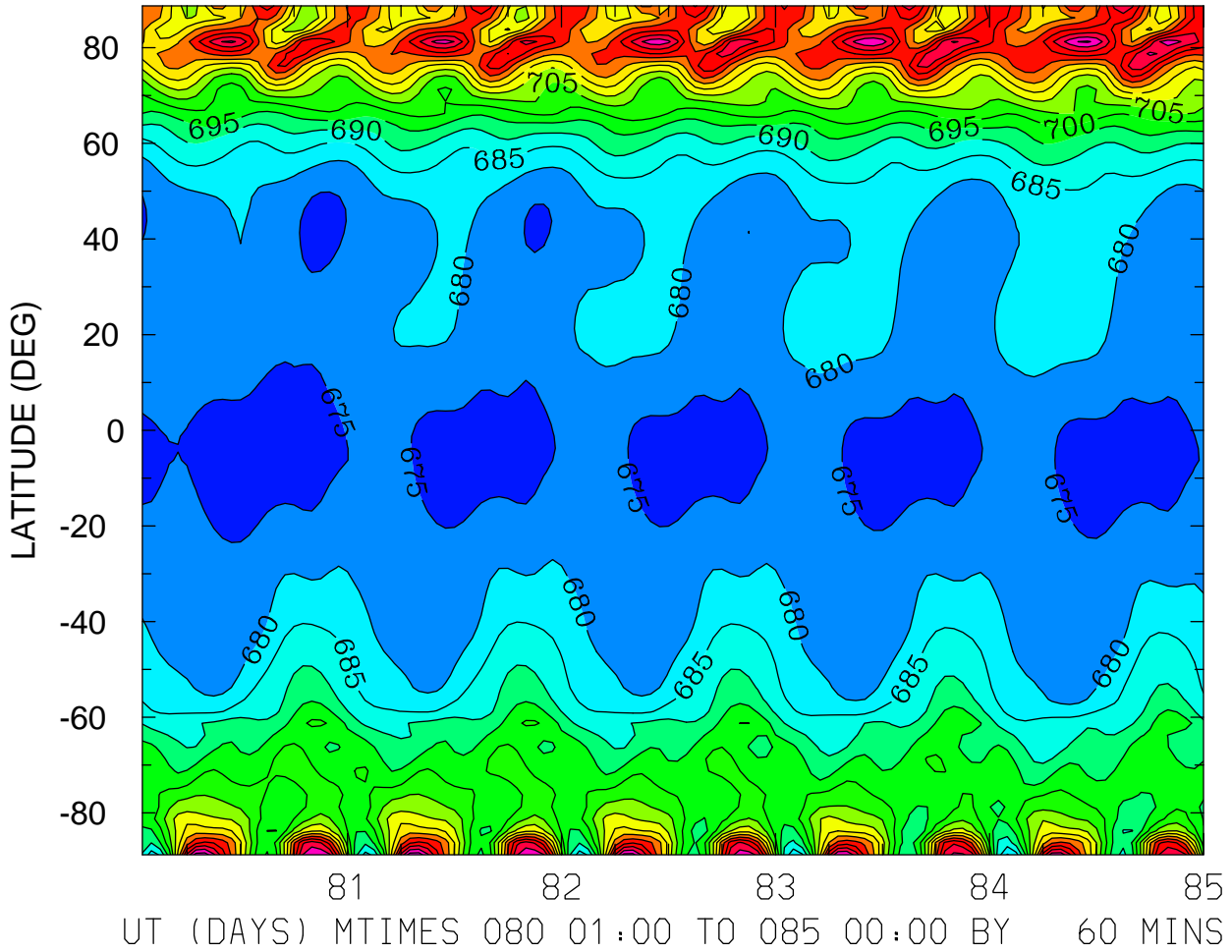
MIN,MAX= 6.0979E+02 8.1605E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
ZP = -0.125 LOCAL TIME = 12.00



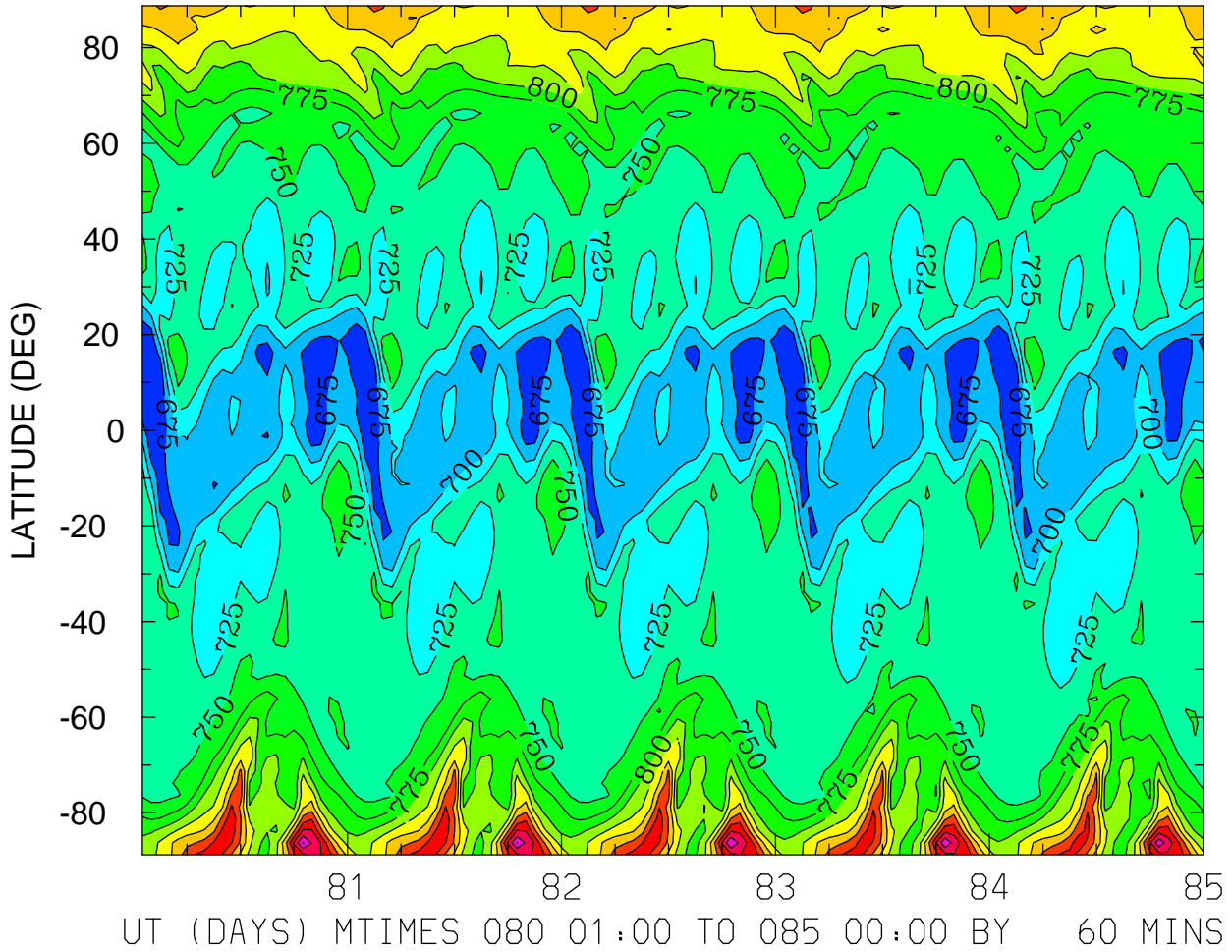
MIN,MAX= 6.7034E+02 8.0362E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
ZP = -0.125 ZONAL MEANS



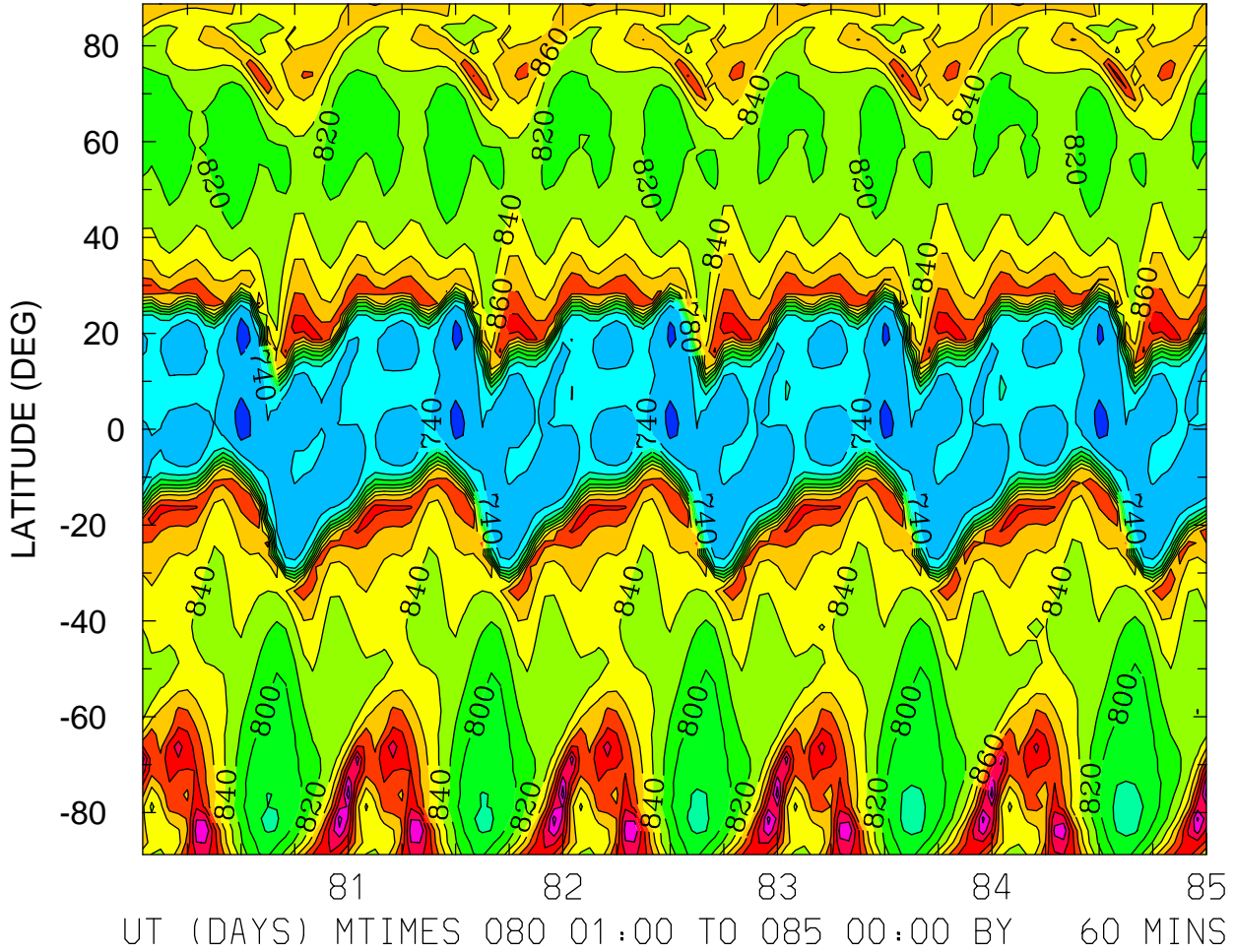
MIN,MAX= 6.7132E+02 7.4794E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
ZP = 3.875 LOCAL TIME = 0.00



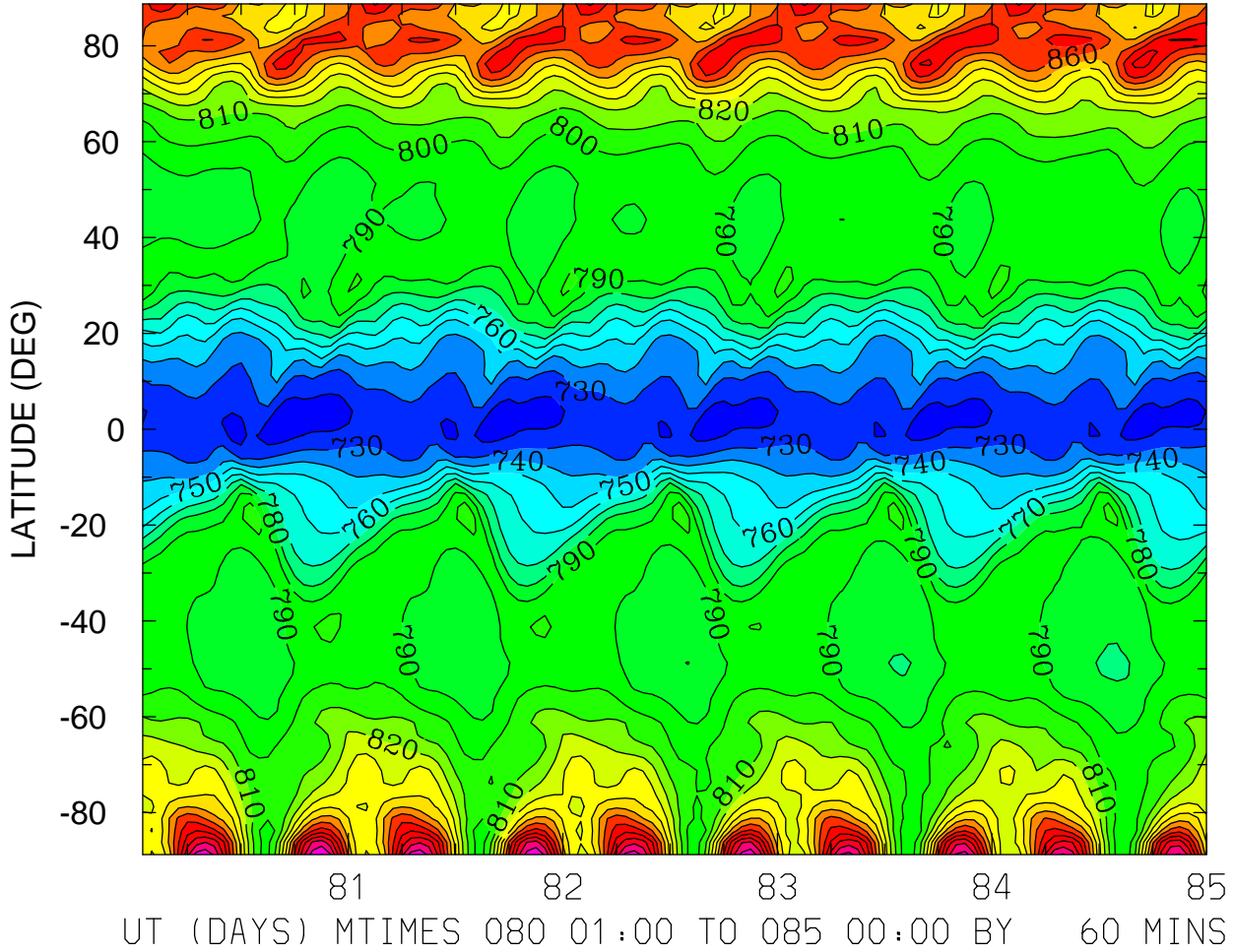
MIN,MAX= 6.5232E+02 9.7748E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
ZP = 3.875 LOCAL TIME = 12.00



MIN,MAX= 7.1464E+02 9.7012E+02 INTERVAL= 2.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

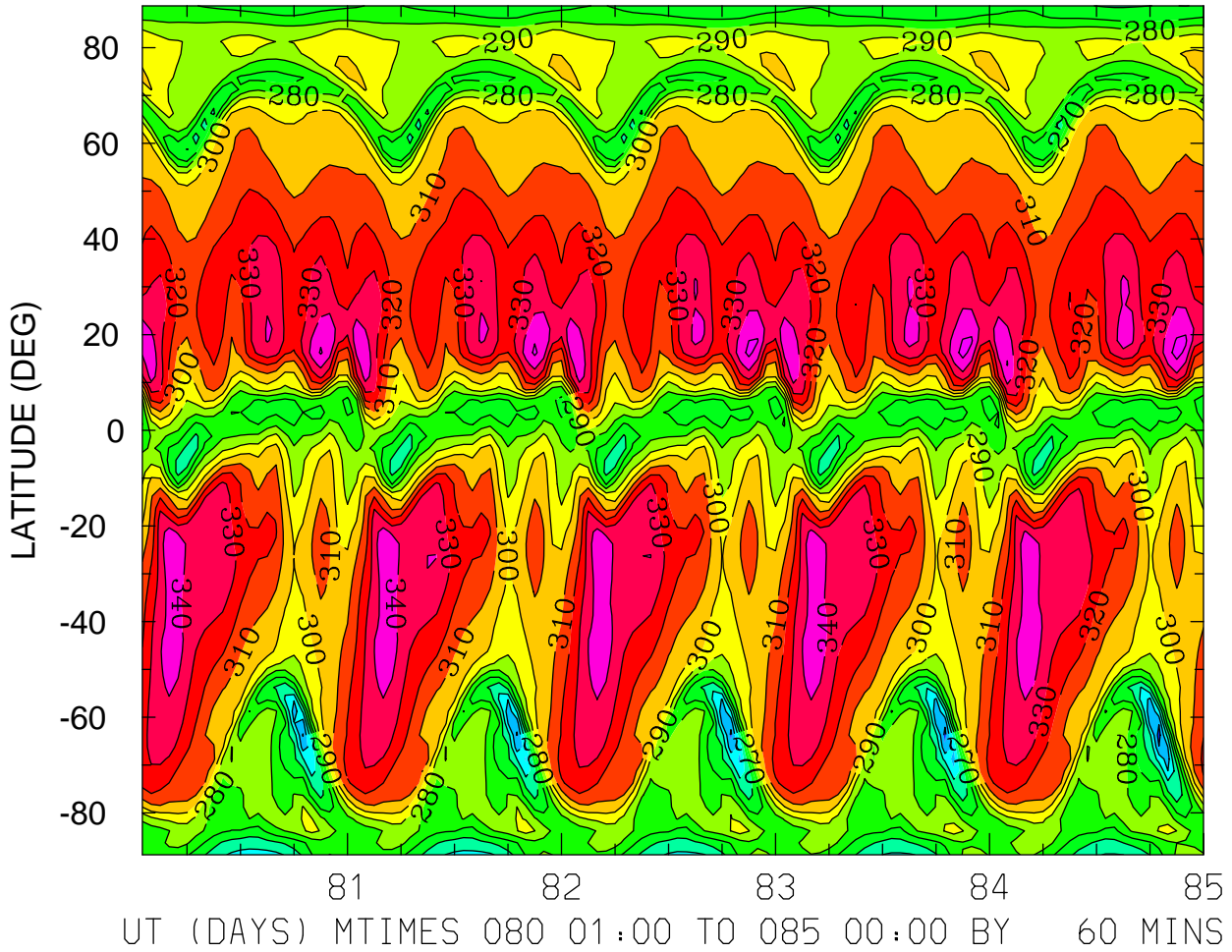
ION TEMPERATURE (DEG K)  
ZP = 3.875 ZONAL MEANS



MIN,MAX= 7.1487E+02 9.2026E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

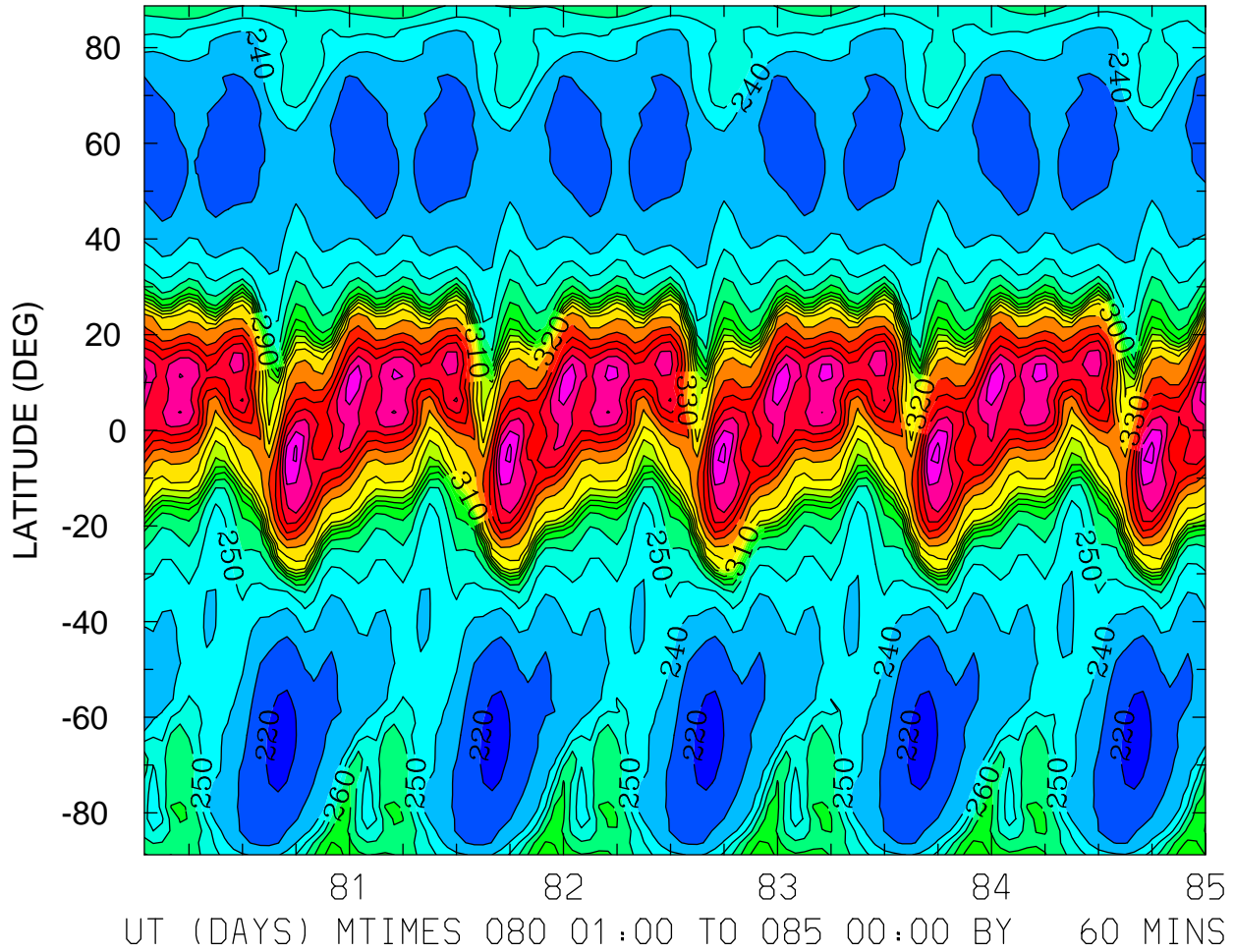


HMF2 (KM)  
LOCAL TIME = 0.00

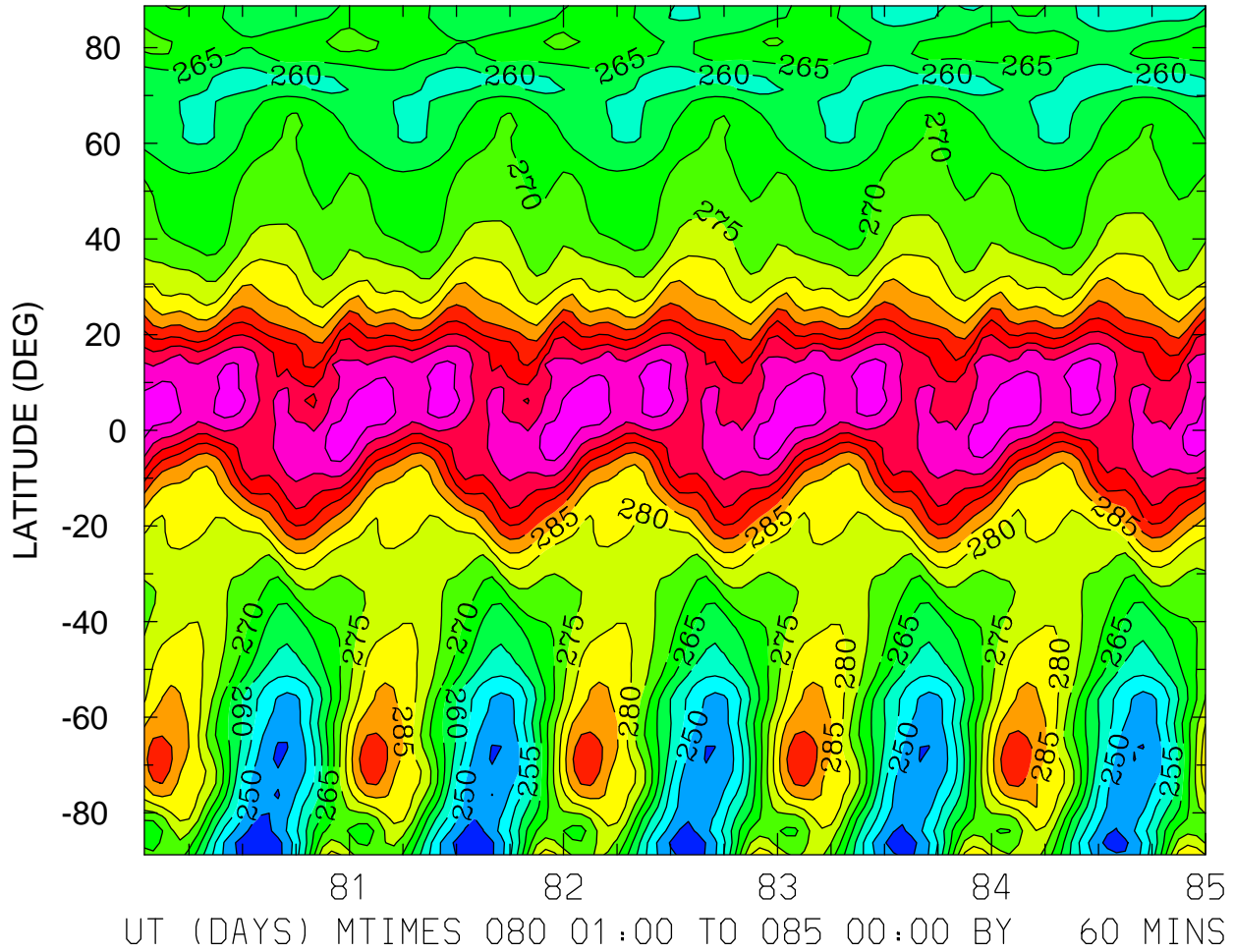


MIN,MAX= 2.2572E+02 3.5397E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

HMF2 (KM)  
LOCAL TIME = 12.00

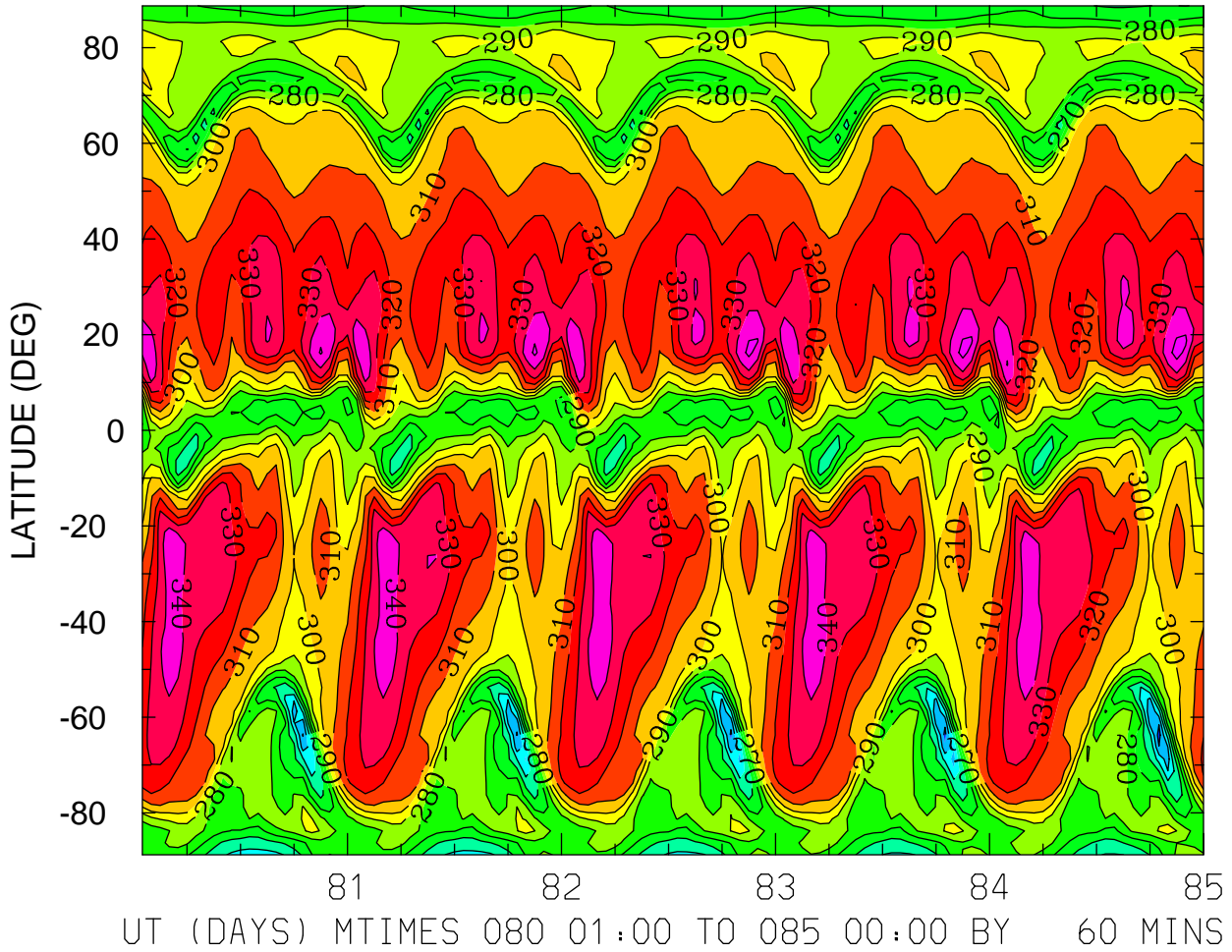


HMF2 (KM)  
ZONAL MEANS



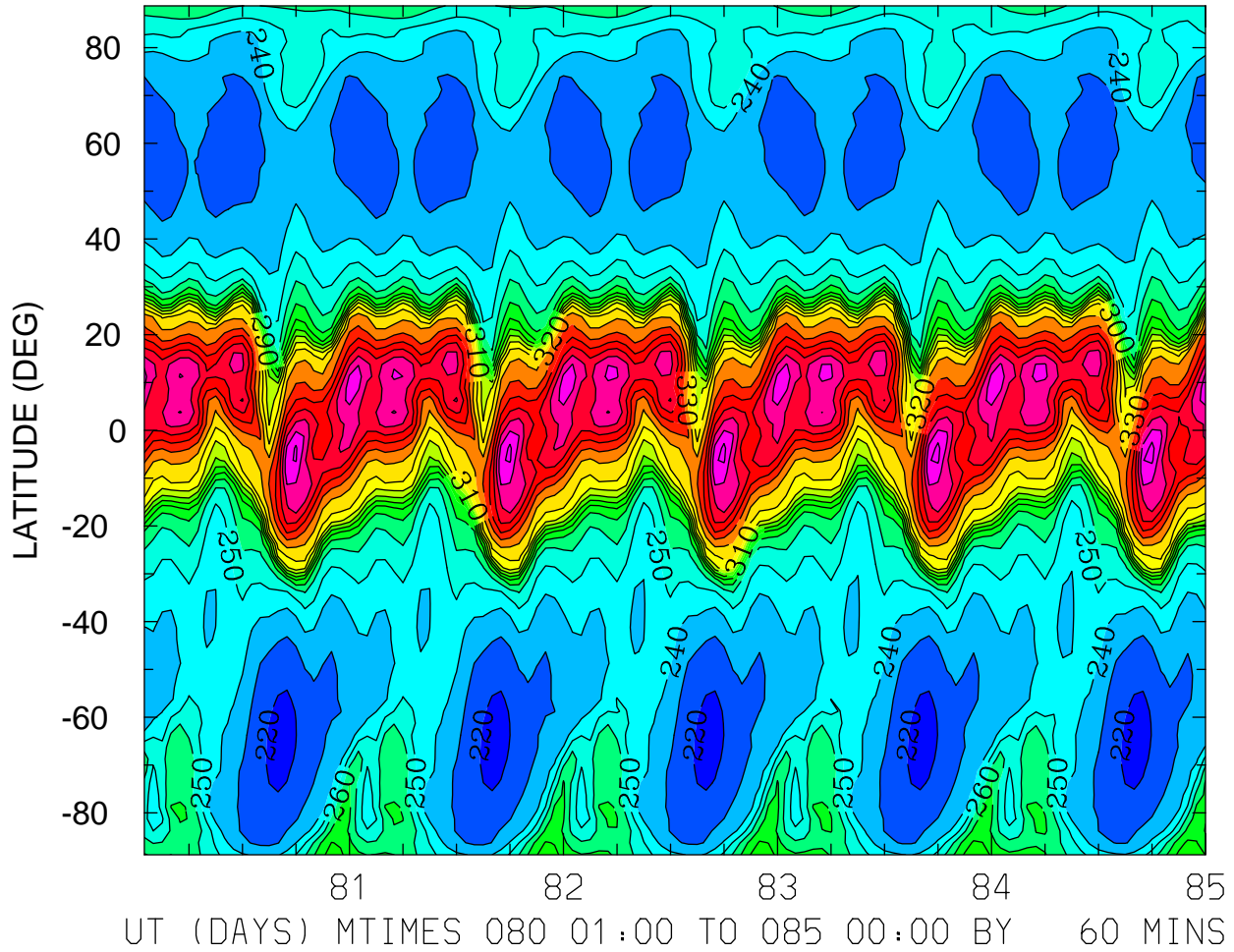
MIN,MAX= 2.4120E+02 3.1385E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

HMF2 (KM)  
LOCAL TIME = 0.00



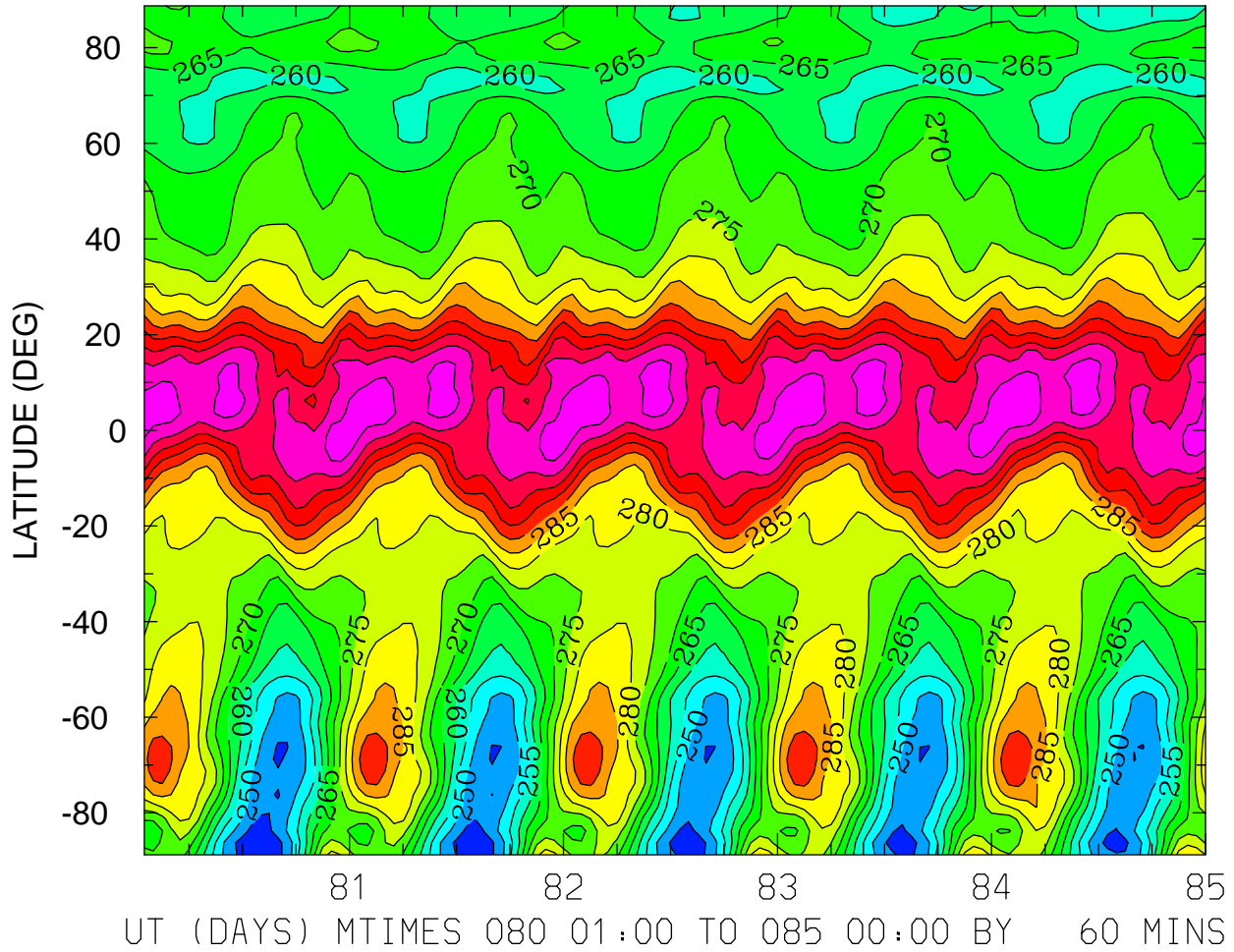
MIN,MAX= 2.2572E+02 3.5397E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

HMF2 (KM)  
LOCAL TIME = 12.00



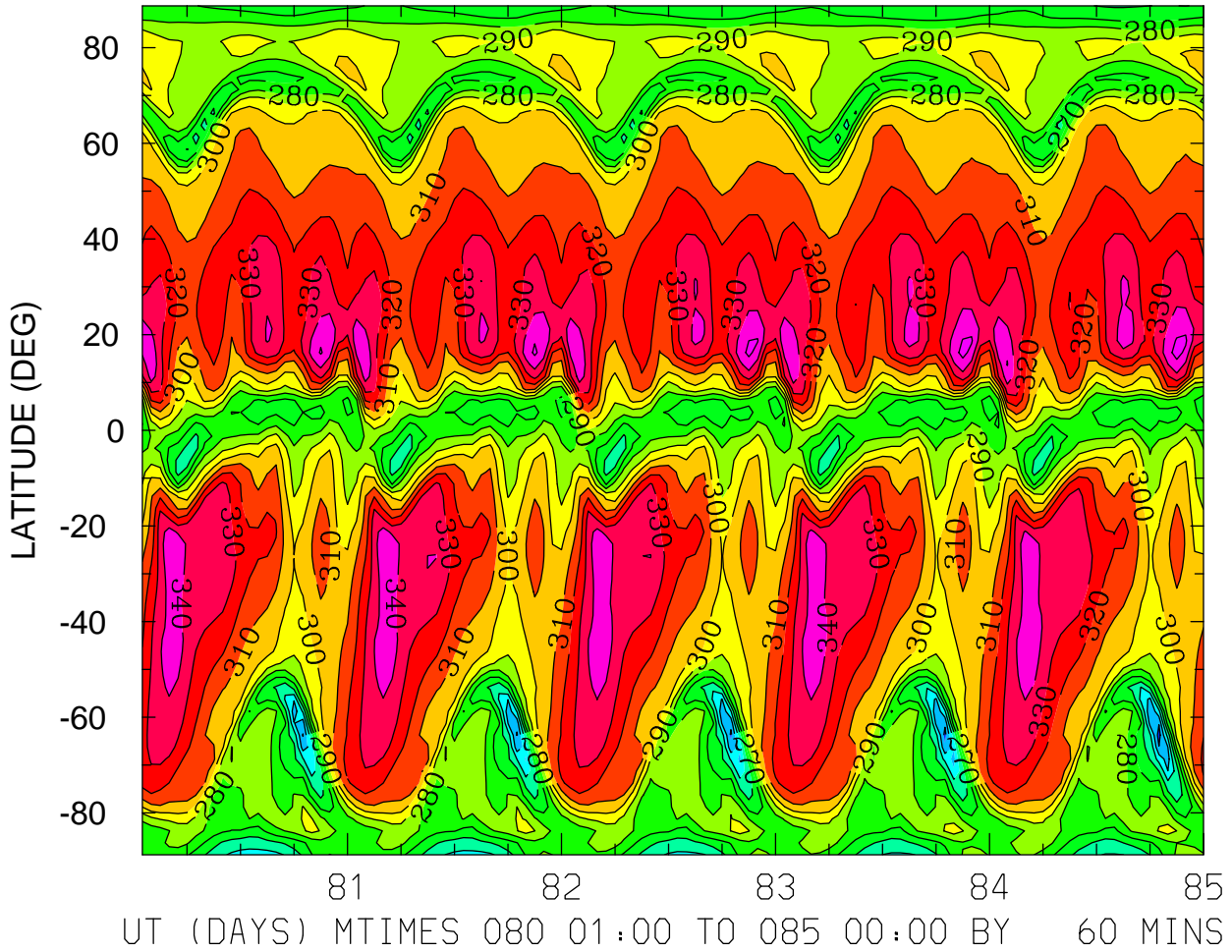
MIN,MAX= 2.1771E+02 3.9324E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

HMF2 (KM)  
ZONAL MEANS



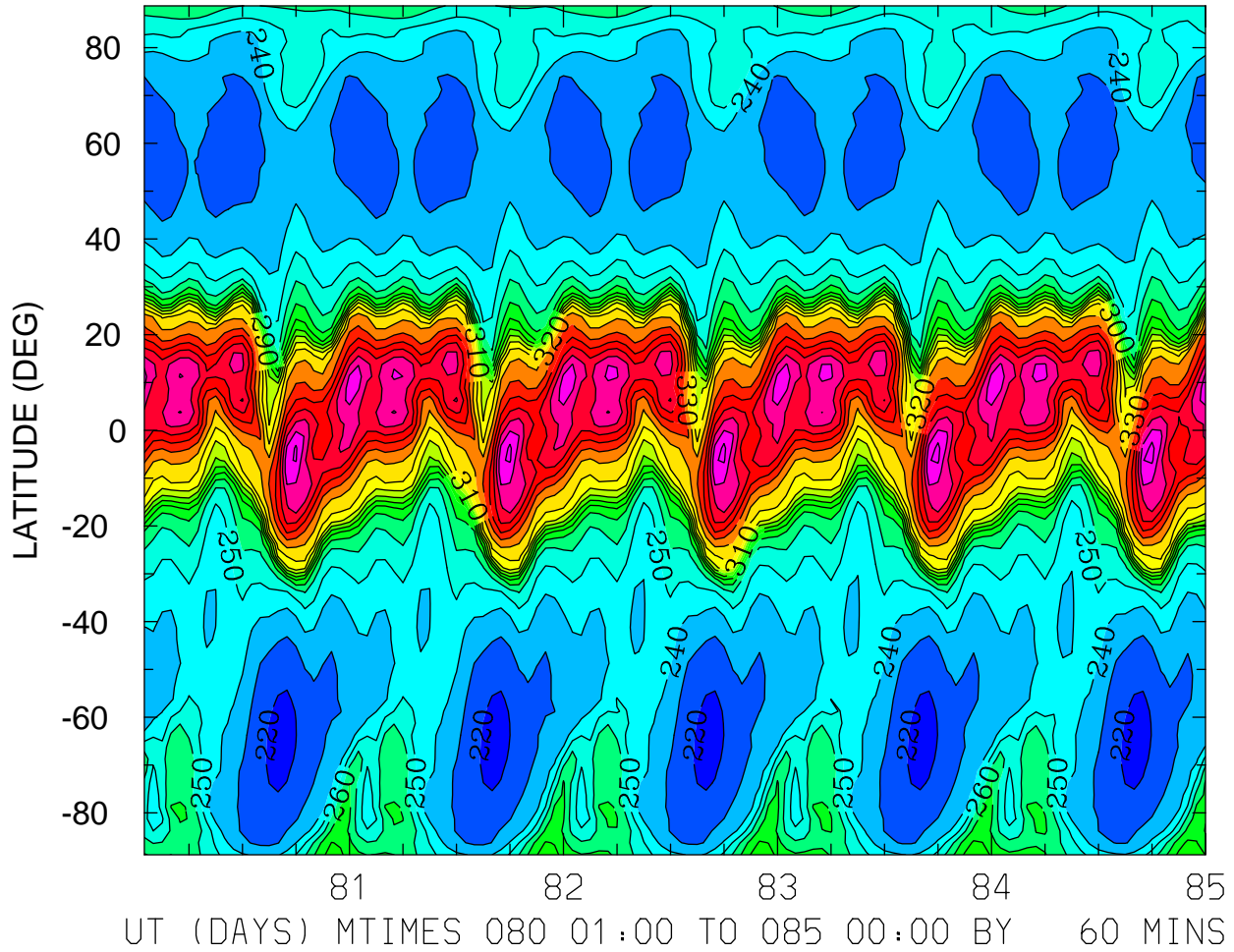
MIN,MAX= 2.4120E+02 3.1385E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

HMF2 (KM)  
LOCAL TIME = 0.00



MIN,MAX= 2.2572E+02 3.5397E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

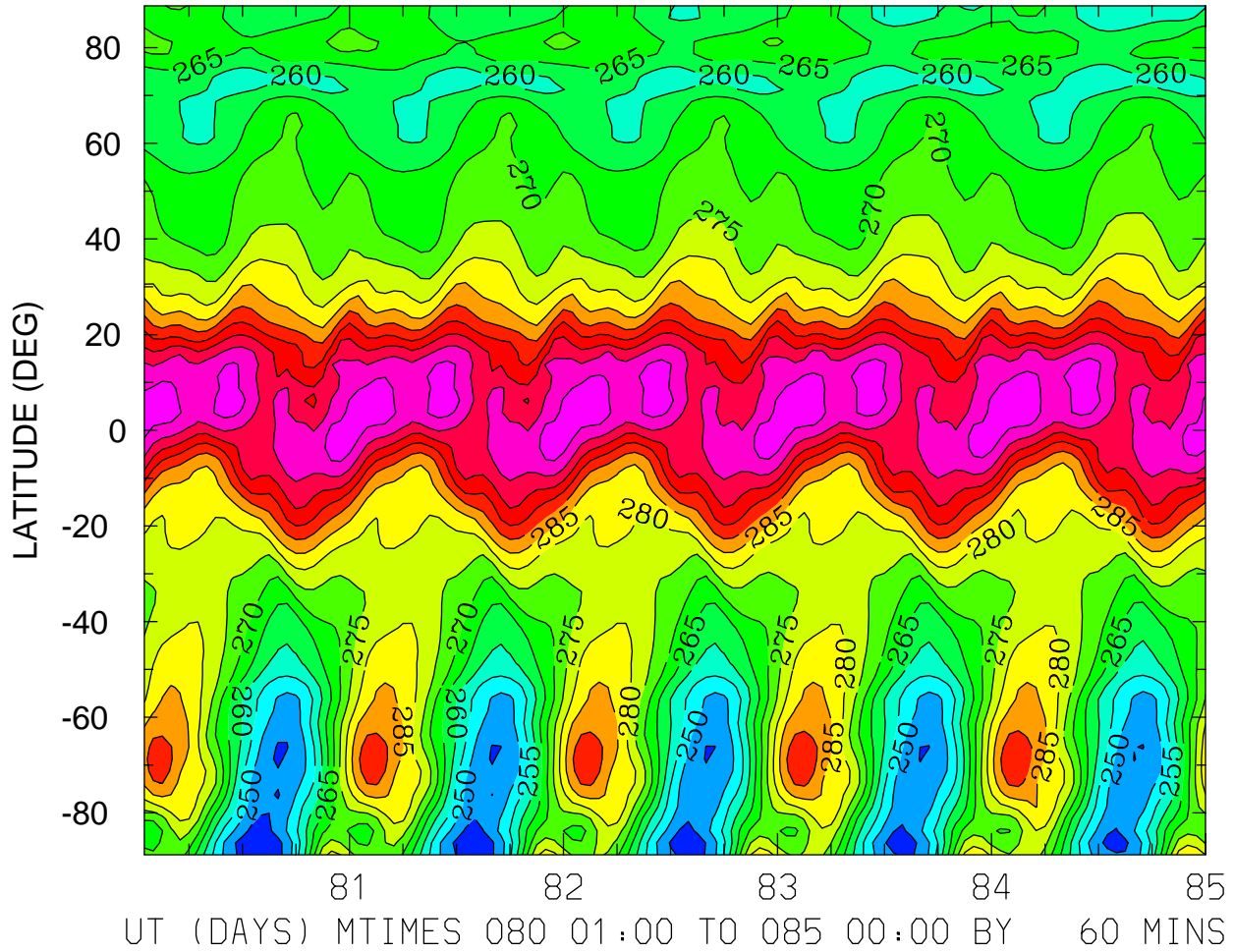
HMF2 (KM)  
LOCAL TIME = 12.00



MIN,MAX= 2.1771E+02 3.9324E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

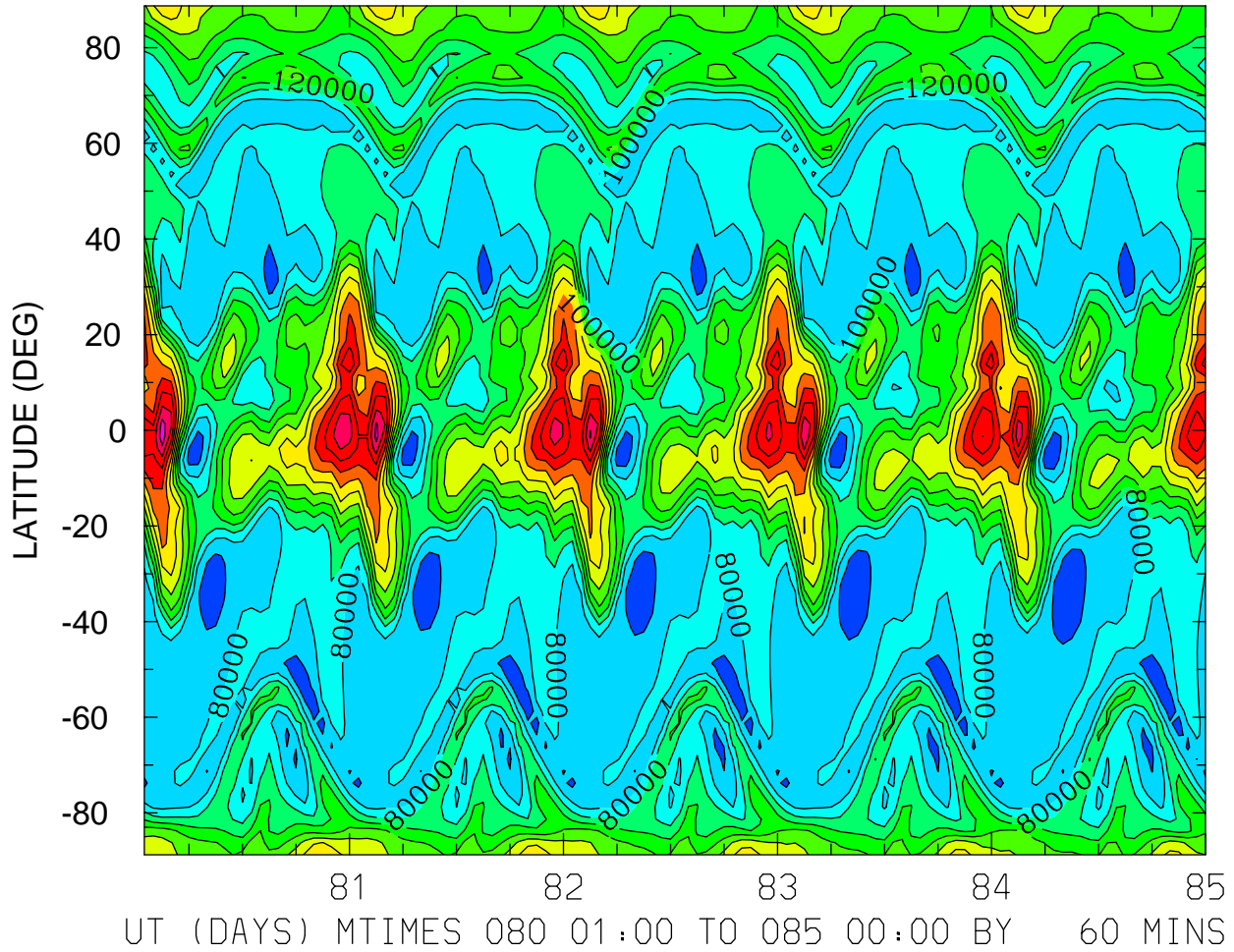


HMF2 (KM)  
ZONAL MEANS



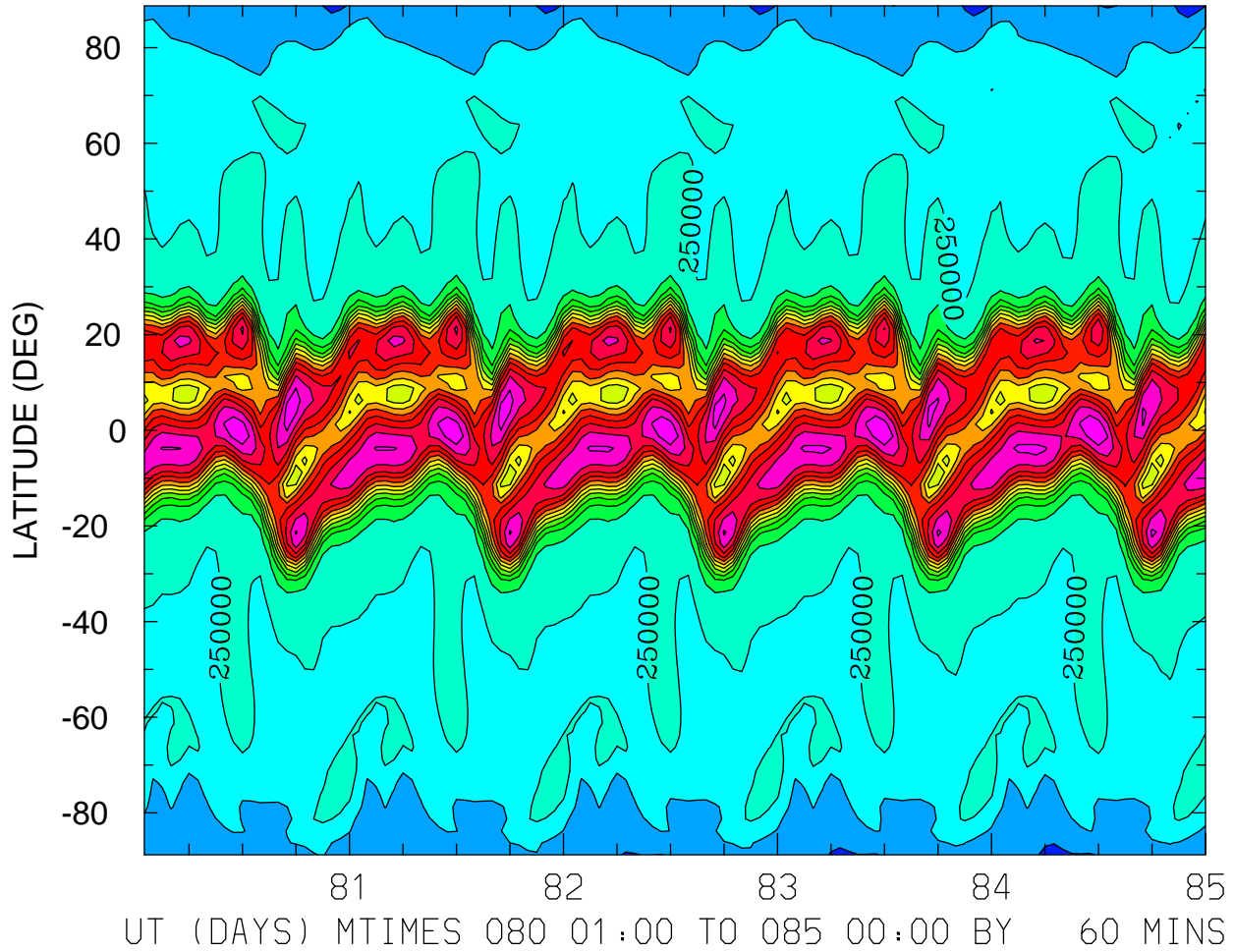
MIN,MAX= 2.4120E+02 3.1385E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NMF2 ( )  
LOCAL TIME = 0.00



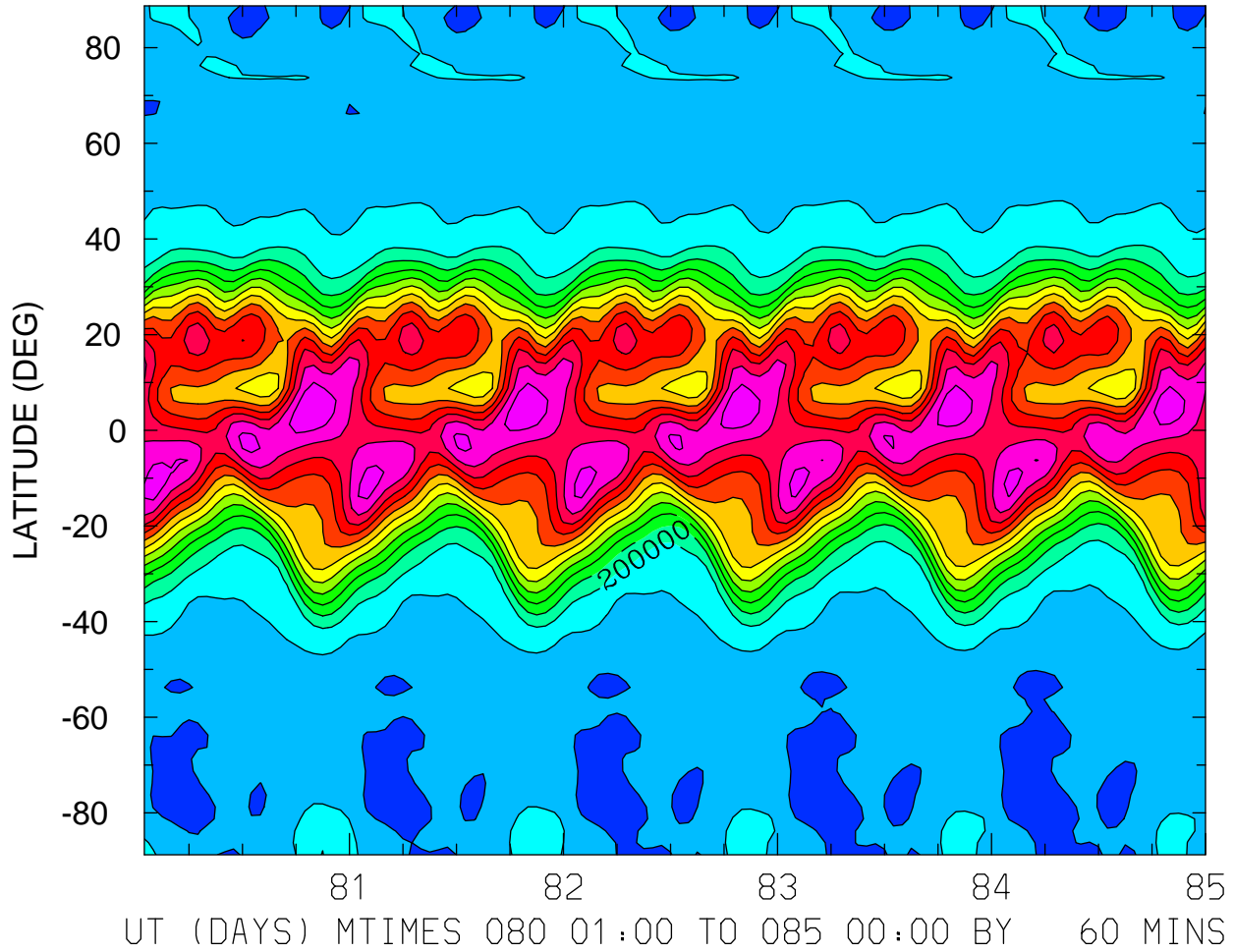
MIN,MAX= 4.4894E+04 2.9254E+05 INTERVAL= 2.0000E+04  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NMF2 ( )  
LOCAL TIME = 12.00



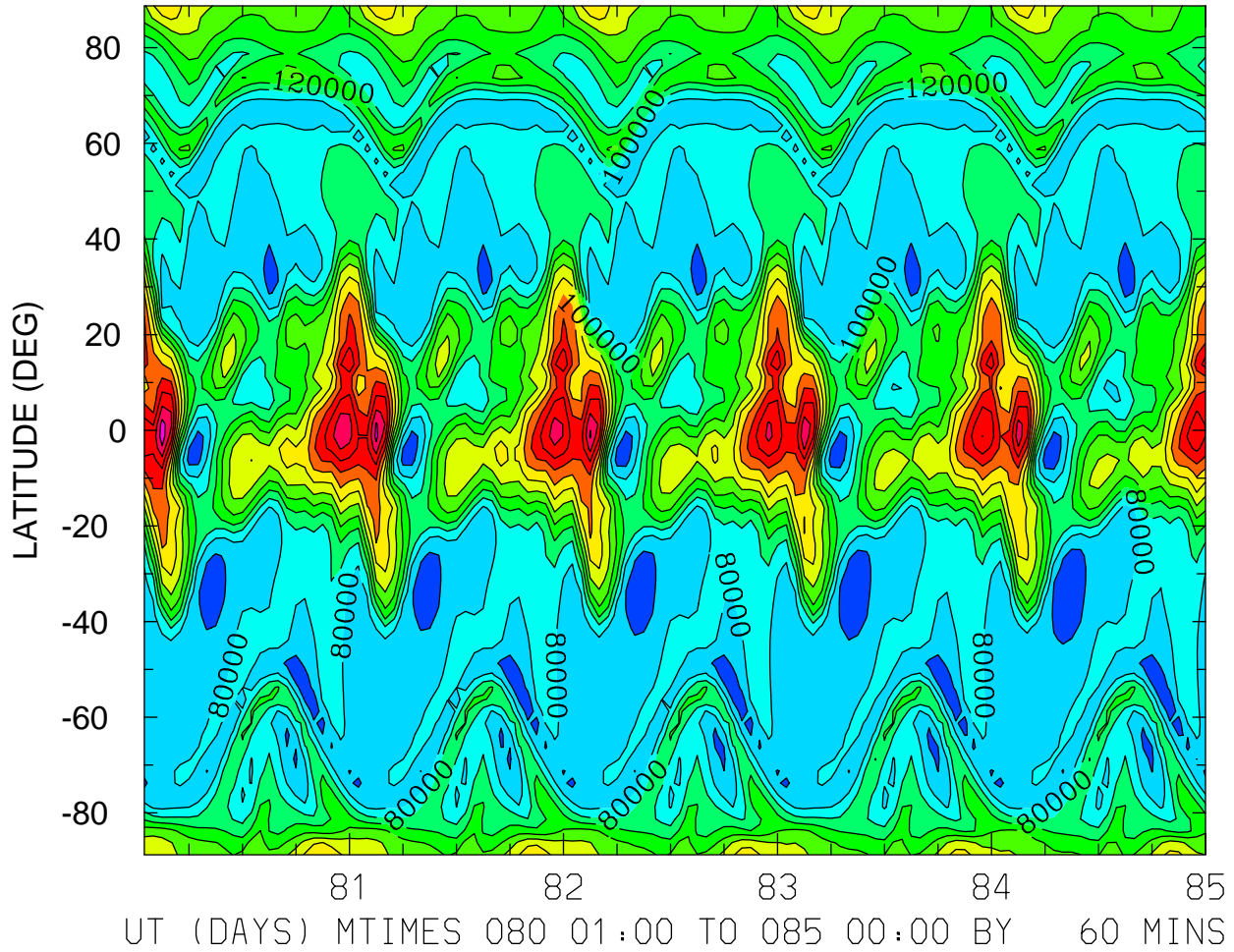
MIN,MAX= 1.4039E+05 8.3631E+05 INTERVAL= 5.0000E+04  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NMF2 ( )  
ZONAL MEANS



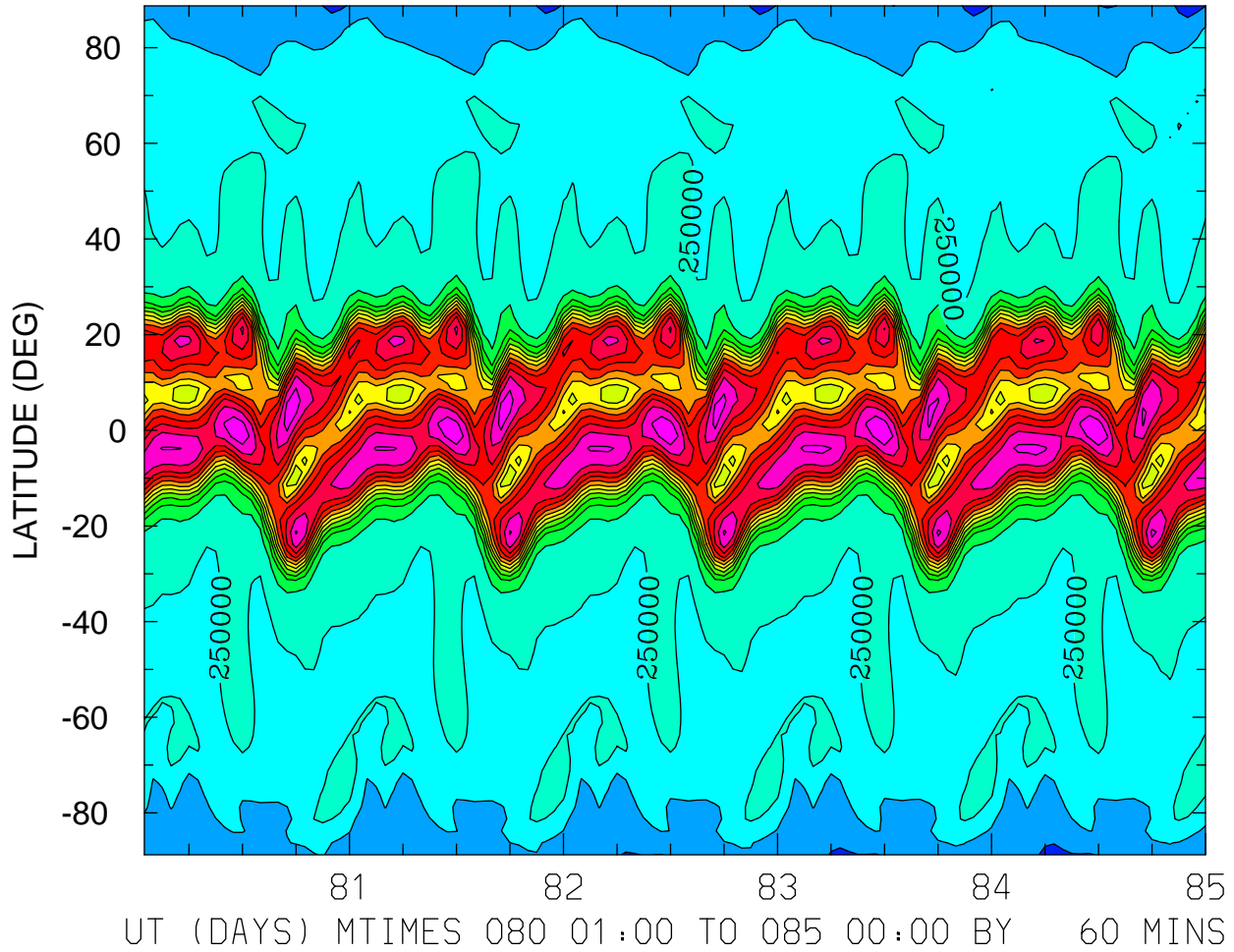
MIN,MAX= 1.3177E+05 4.7442E+05 INTERVAL= 2.5000E+04  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NMF2 ( )  
LOCAL TIME = 0.00



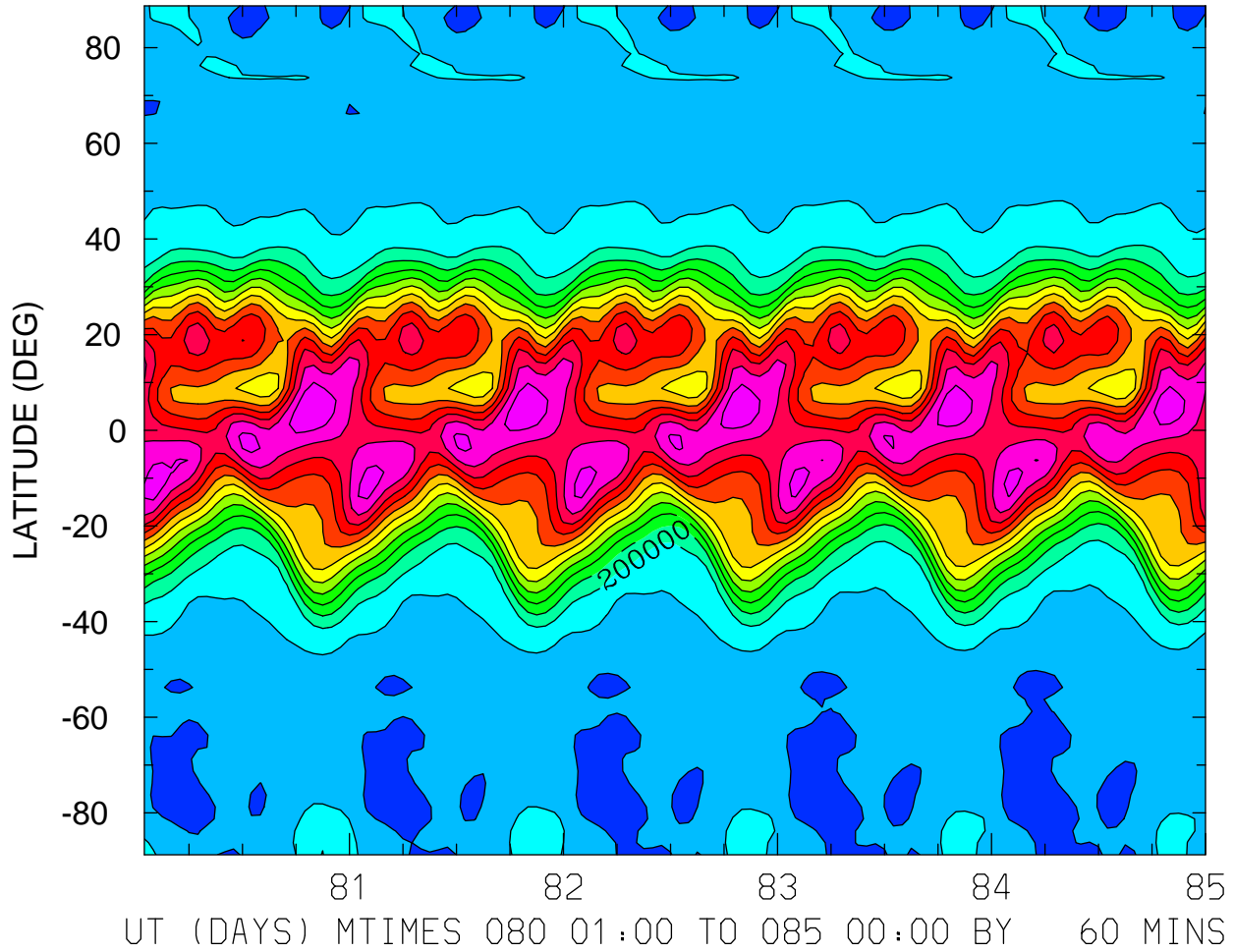
MIN,MAX= 4.4894E+04 2.9254E+05 INTERVAL= 2.0000E+04  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NMF2 ( )  
LOCAL TIME = 12.00



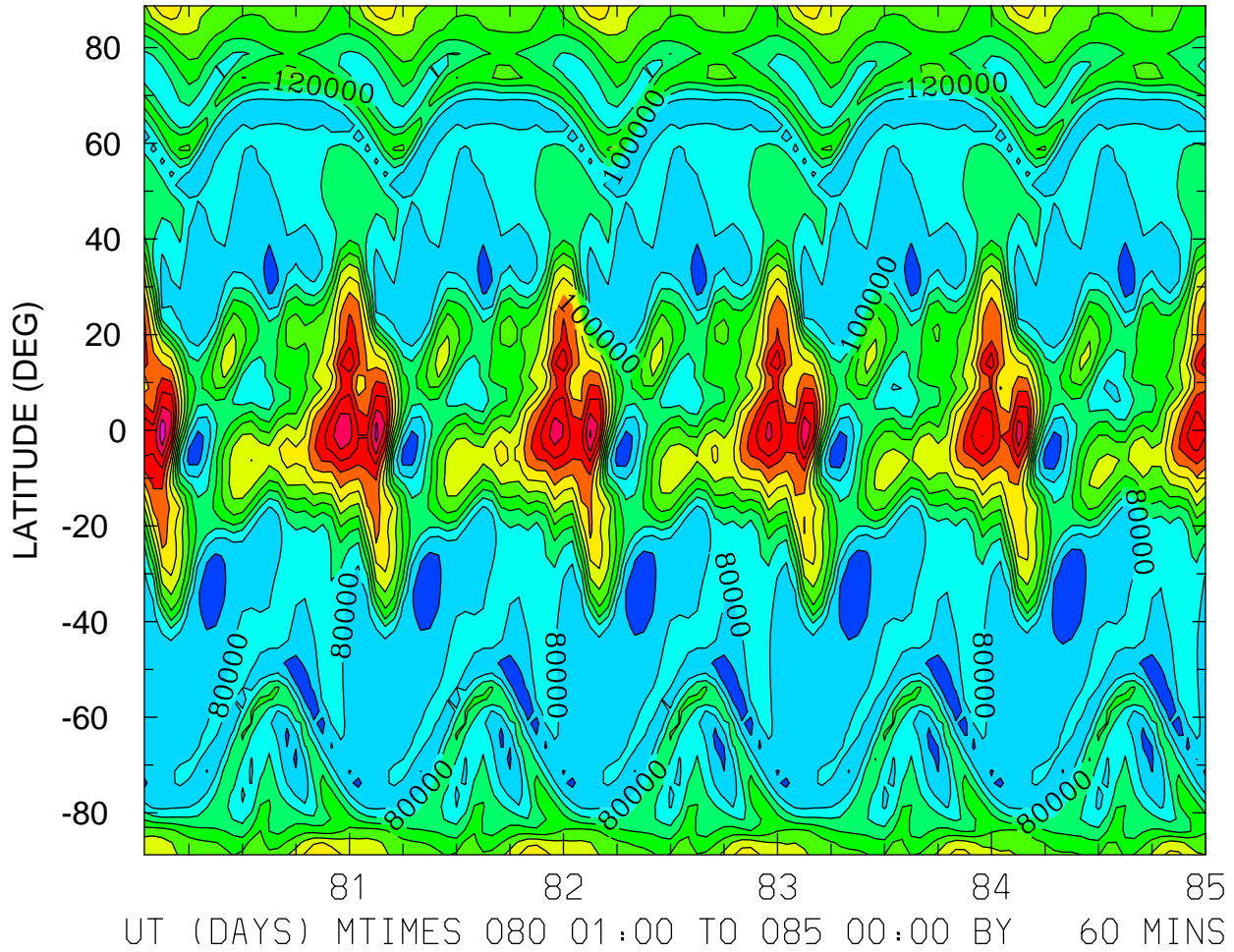
MIN,MAX= 1.4039E+05 8.3631E+05 INTERVAL= 5.0000E+04  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NMF2 ( )  
ZONAL MEANS



MIN,MAX= 1.3177E+05 4.7442E+05 INTERVAL= 2.5000E+04  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

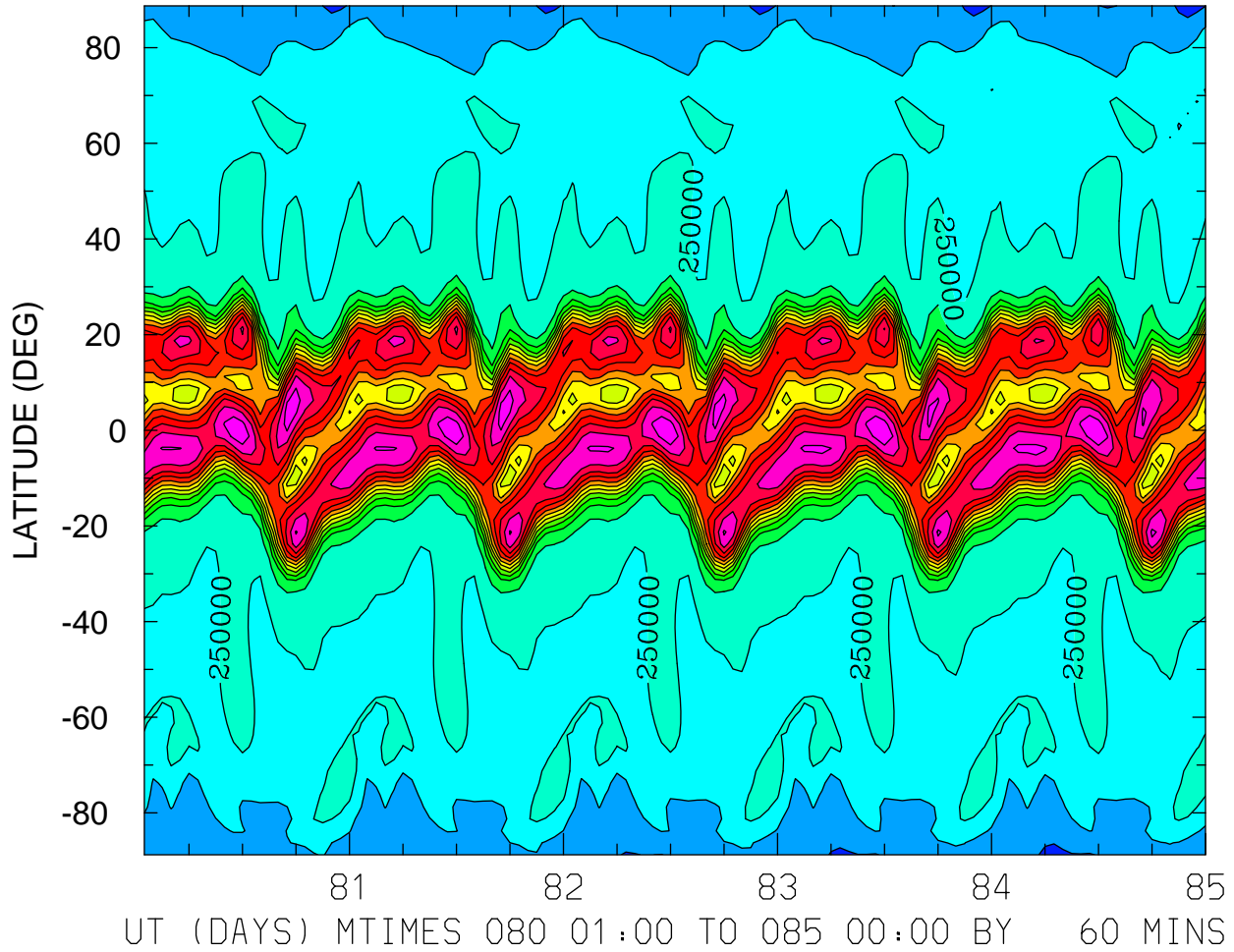
NMF2 ( )  
LOCAL TIME = 0.00



MIN,MAX= 4.4894E+04 2.9254E+05 INTERVAL= 2.0000E+04  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

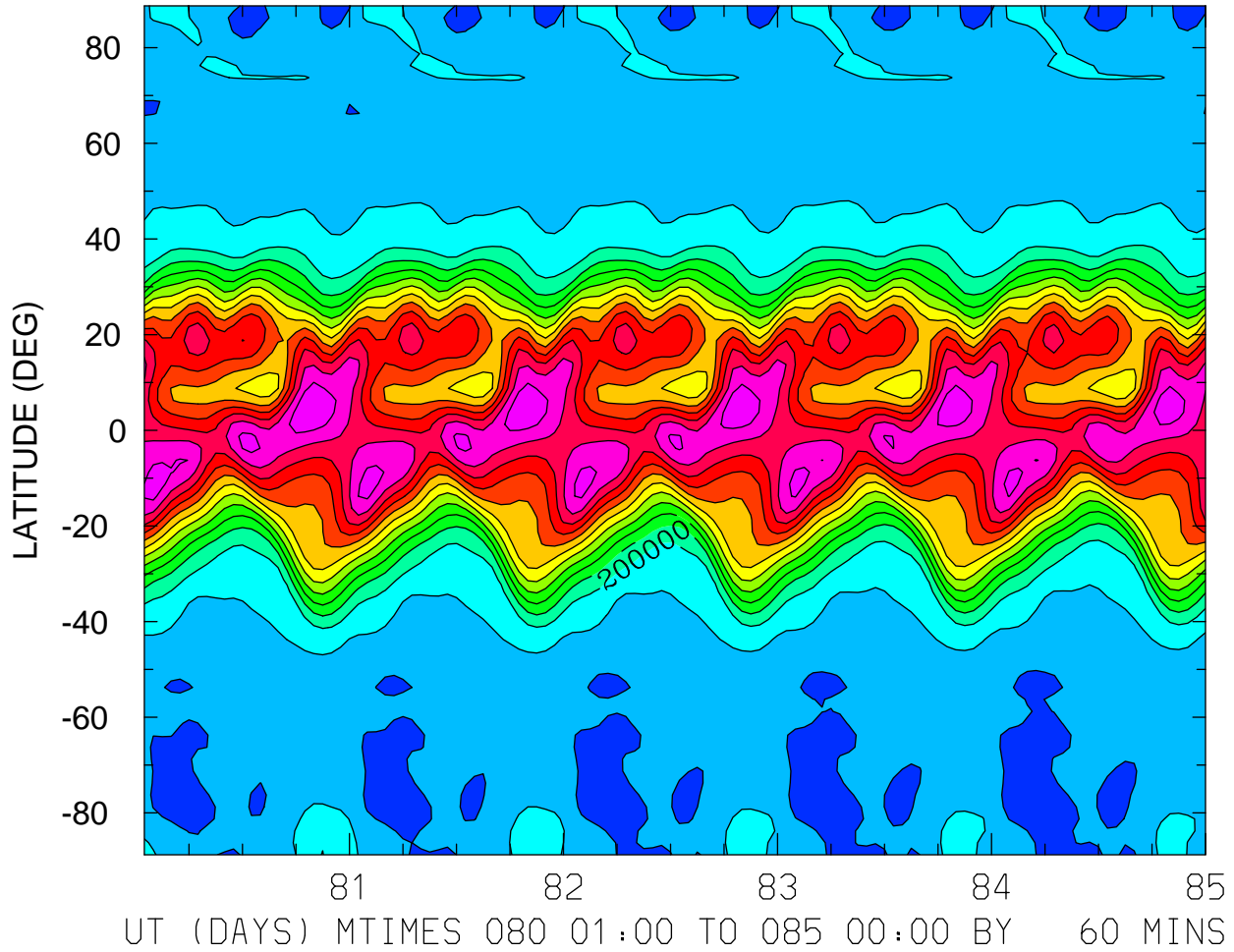


NMF2 ( )  
LOCAL TIME = 12.00



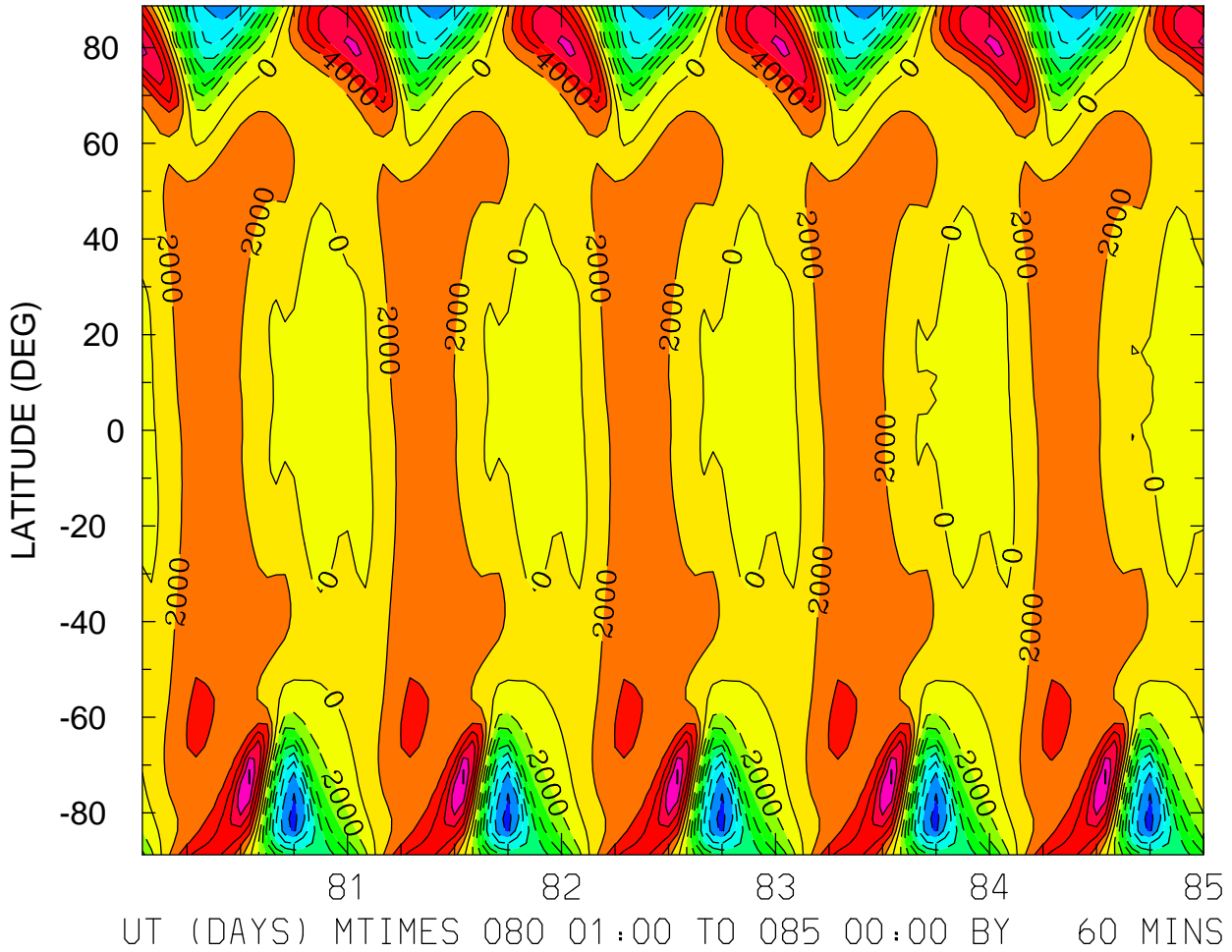
MIN,MAX= 1.4039E+05 8.3631E+05 INTERVAL= 5.0000E+04  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

NMF2 ( )  
ZONAL MEANS



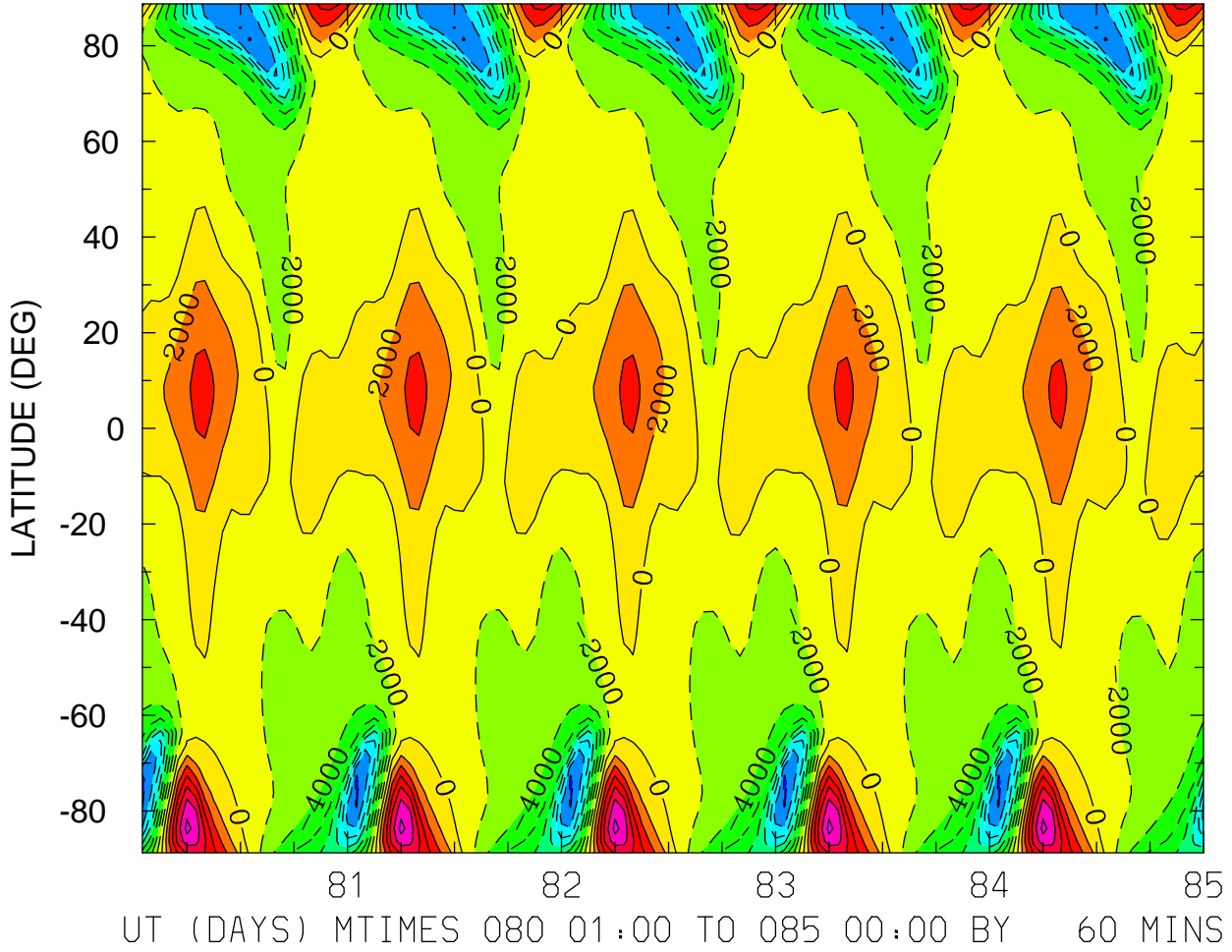
MIN,MAX= 1.3177E+05 4.7442E+05 INTERVAL= 2.5000E+04  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = -4.000 LOCAL TIME = 0.00



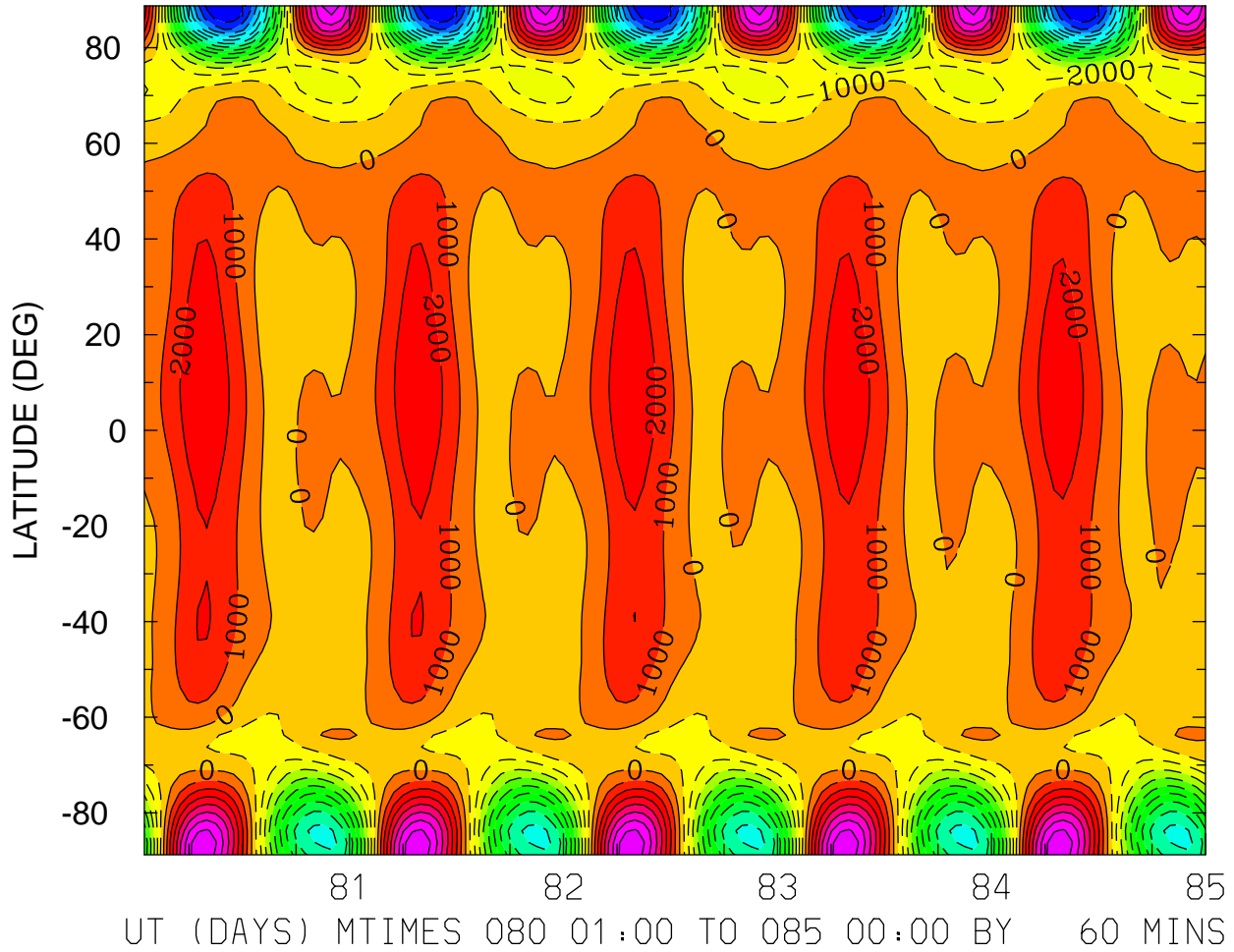
MIN,MAX= -1.6571E+04 1.2201E+04 INTERVAL= 2.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = -4.000 LOCAL TIME = 12.00



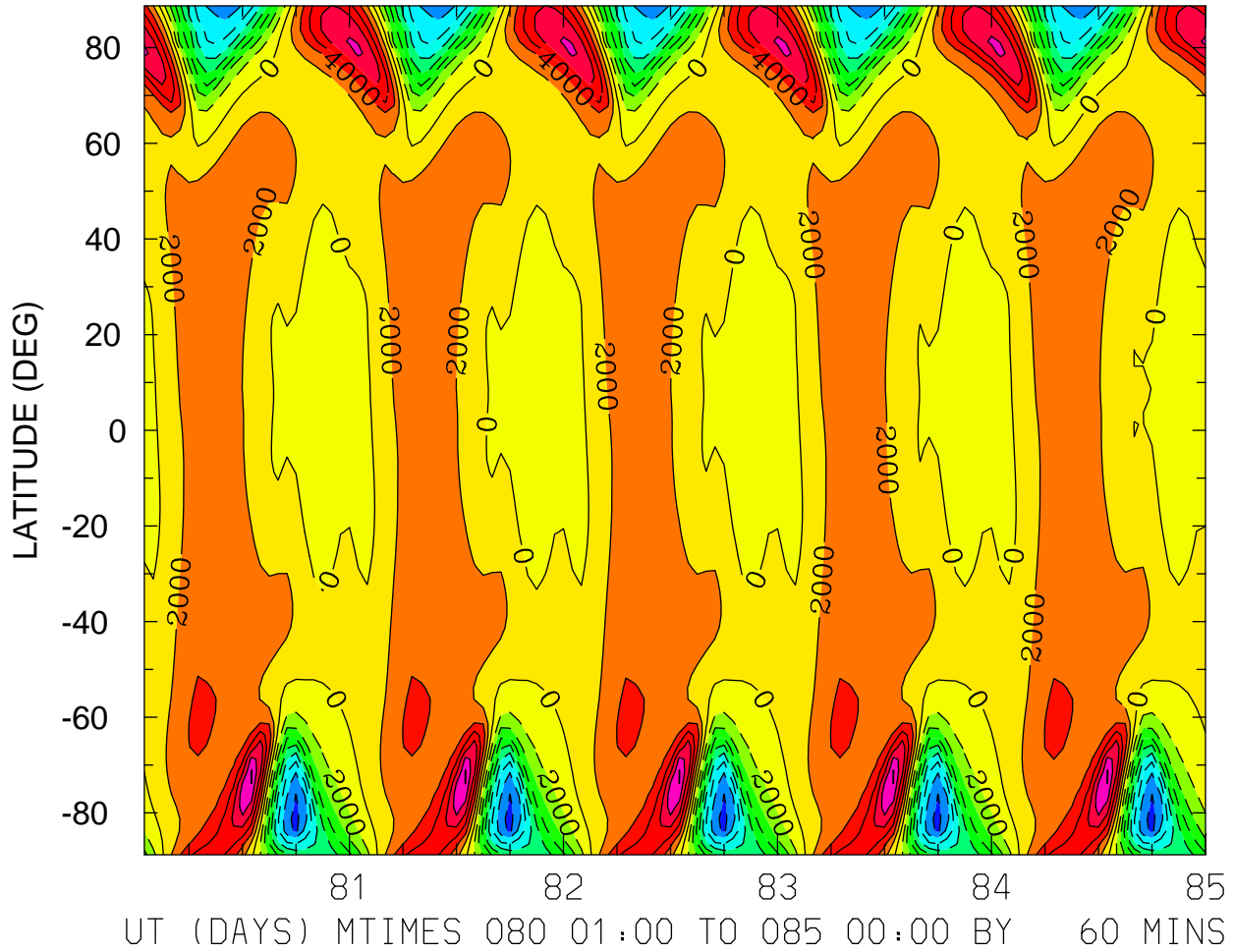
MIN,MAX= -1.6623E+04 1.2607E+04 INTERVAL= 2.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = -4.000 ZONAL MEANS



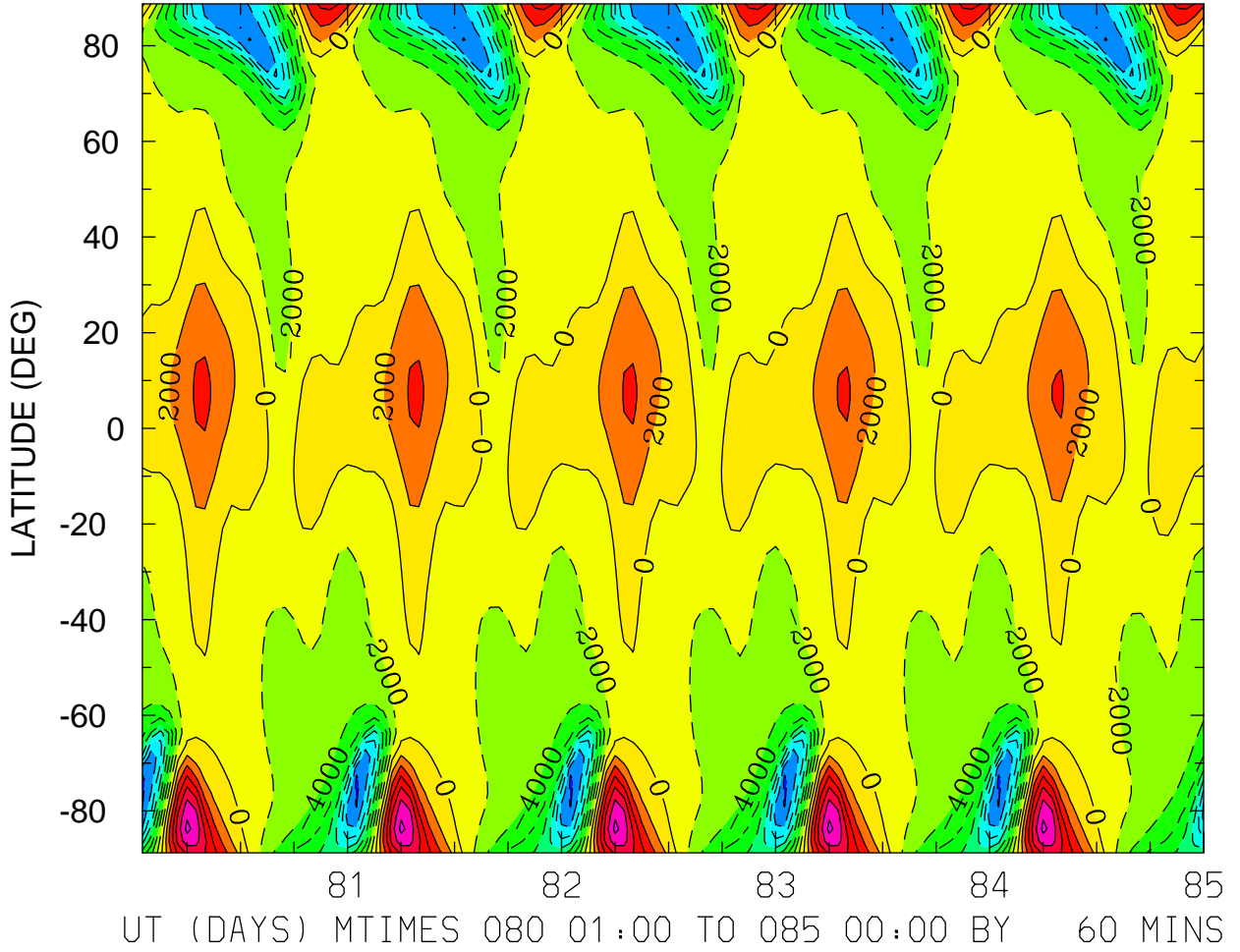
MIN,MAX= -1.4918E+04 7.7597E+03 INTERVAL= 1.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = 0.000 LOCAL TIME = 0.00



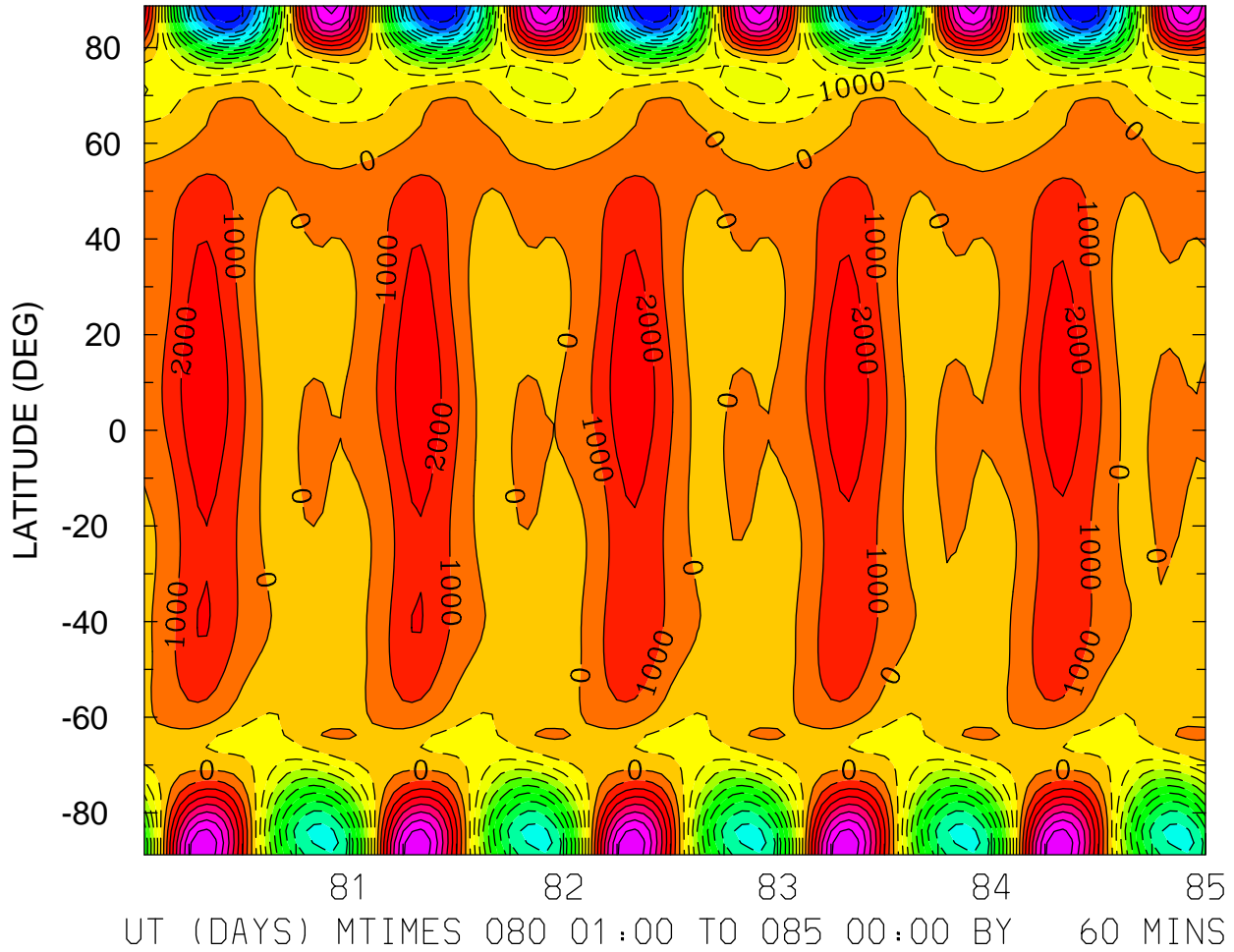
MIN,MAX= -1.6553E+04 1.2172E+04 INTERVAL= 2.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = 0.000 LOCAL TIME = 12.00



MIN,MAX= -1.6607E+04 1.2561E+04 INTERVAL= 2.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

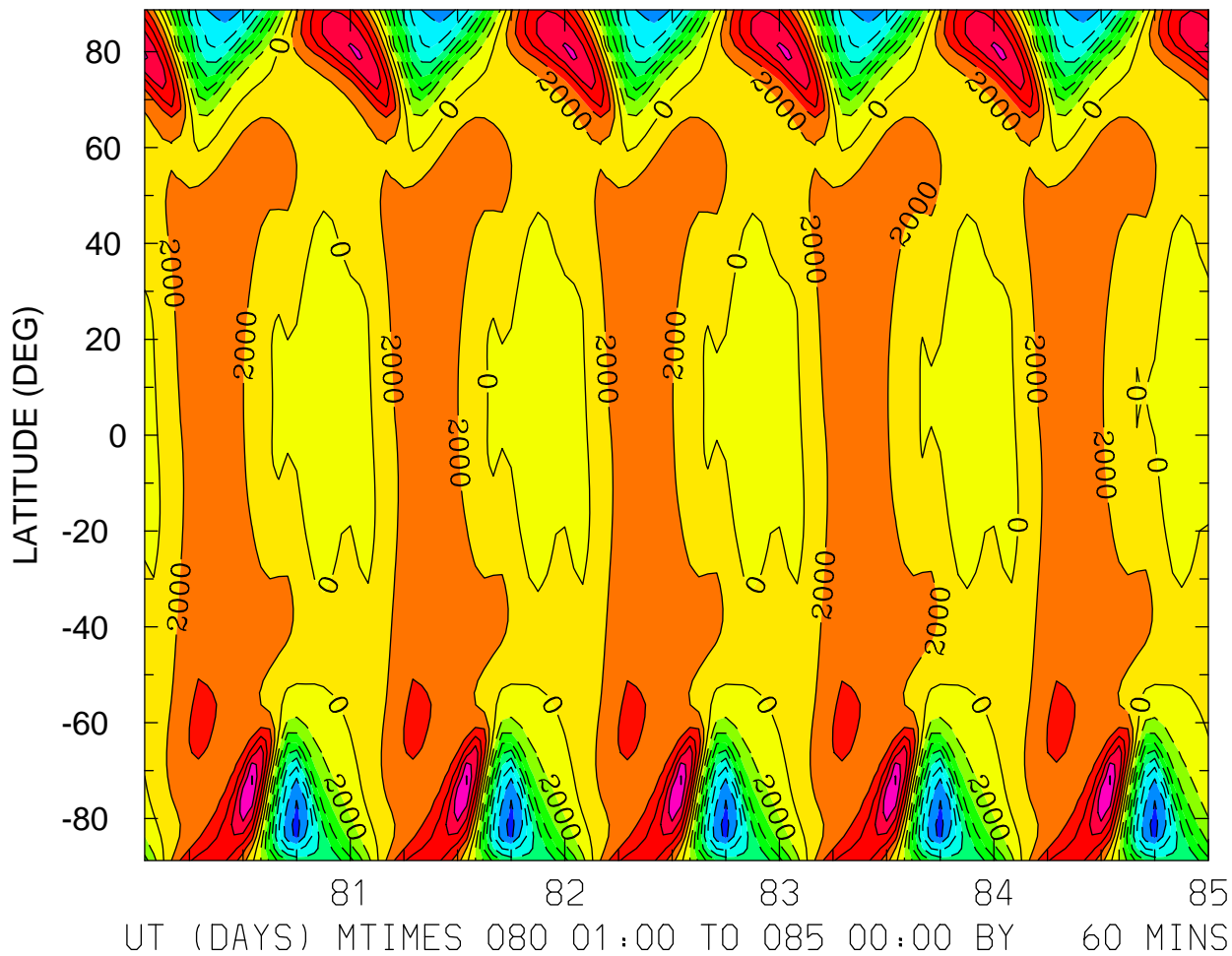
ELECTRIC POTENTIAL (VOLTS)  
ZP = 0.000 ZONAL MEANS



MIN,MAX= -1.4889E+04 7.8217E+03 INTERVAL= 1.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

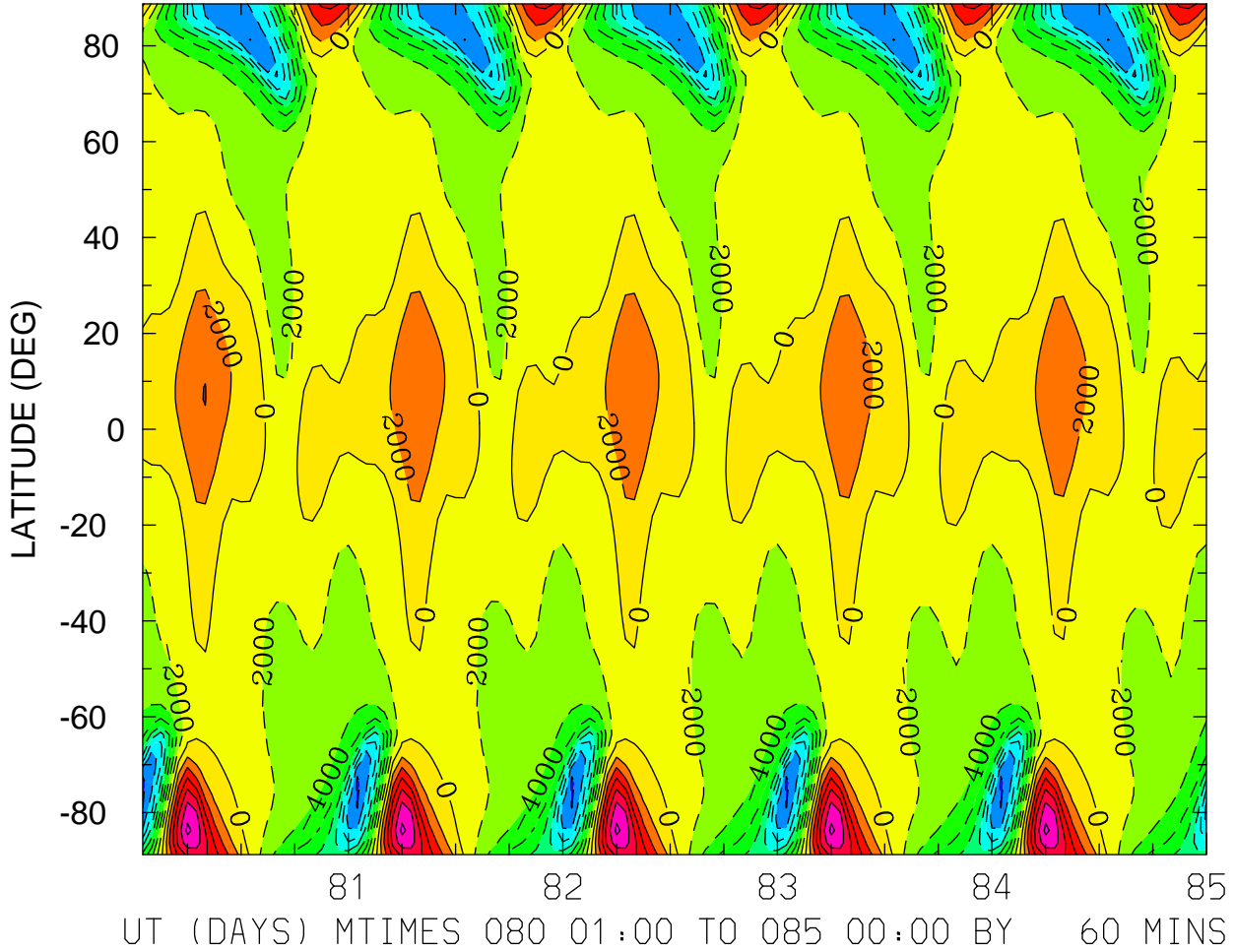


ELECTRIC POTENTIAL (VOLTS)  
ZP = 4.000 LOCAL TIME = 0.00



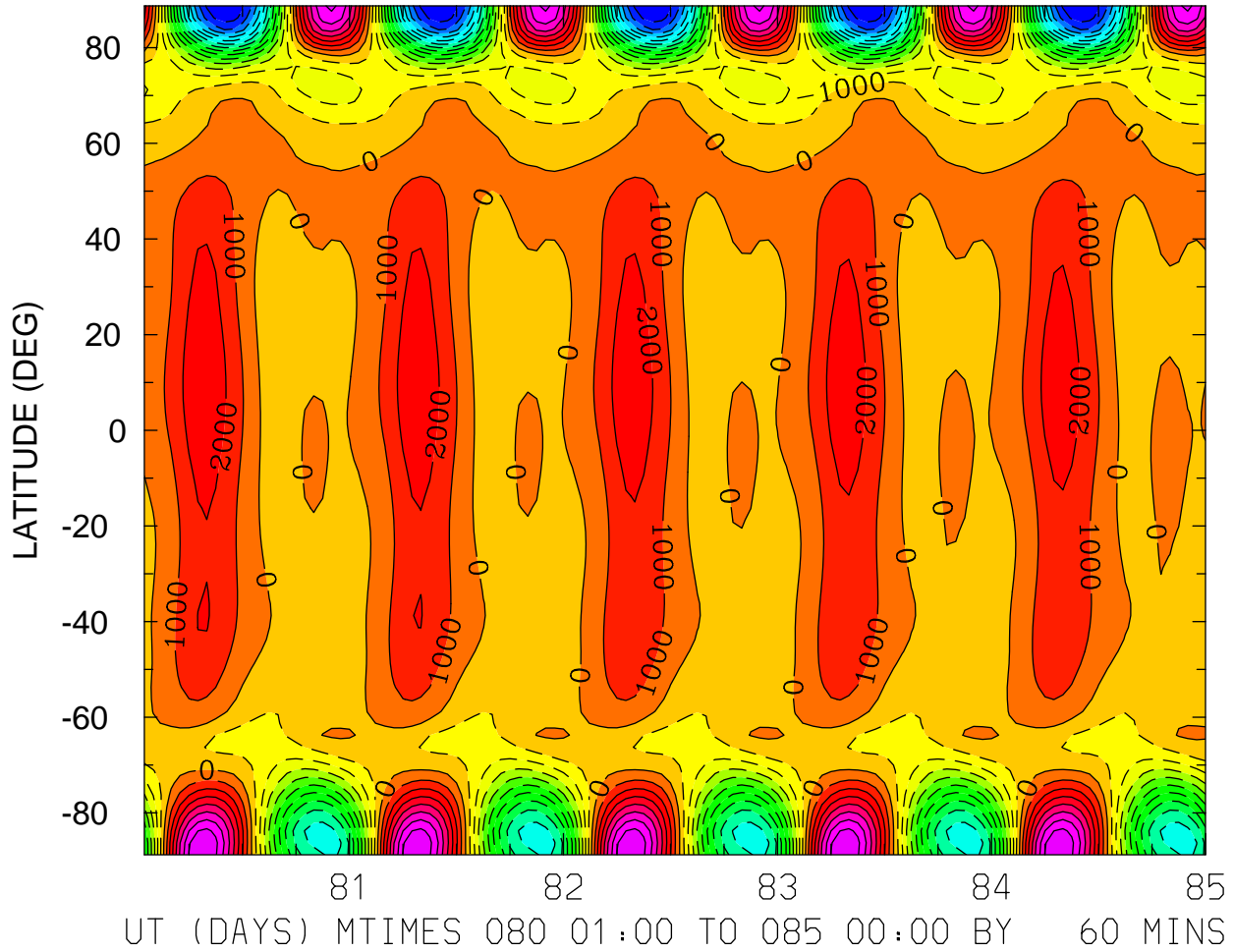
MIN,MAX= -1.6517E+04 1.2117E+04 INTERVAL= 2.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = 4.000 LOCAL TIME = 12.00



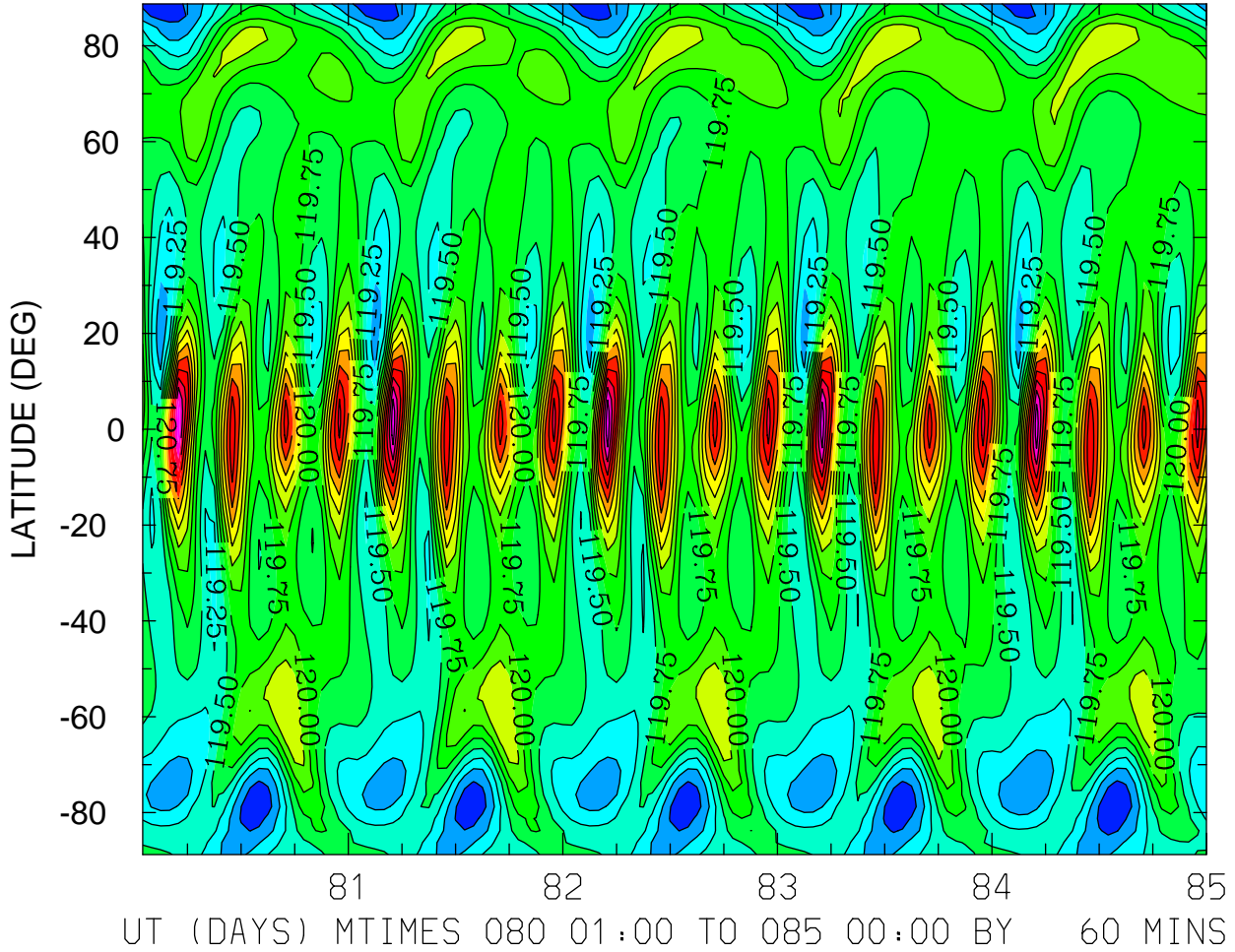
MIN,MAX= -1.6574E+04 1.2469E+04 INTERVAL= 2.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = 4.000 ZONAL MEANS



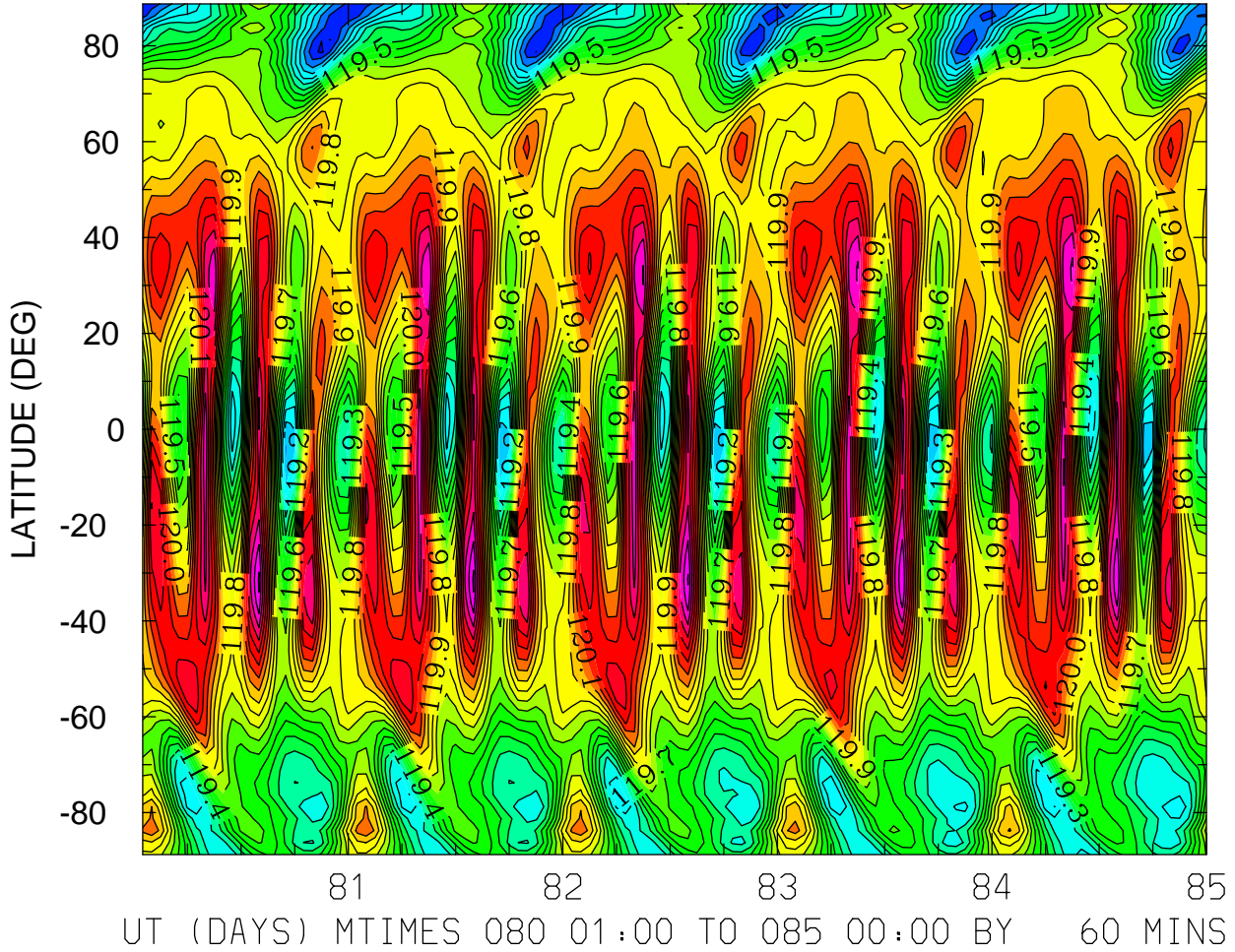
MIN,MAX= -1.4830E+04 7.9707E+03 INTERVAL= 1.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
ZP = -4.000 LOCAL TIME = 0.00



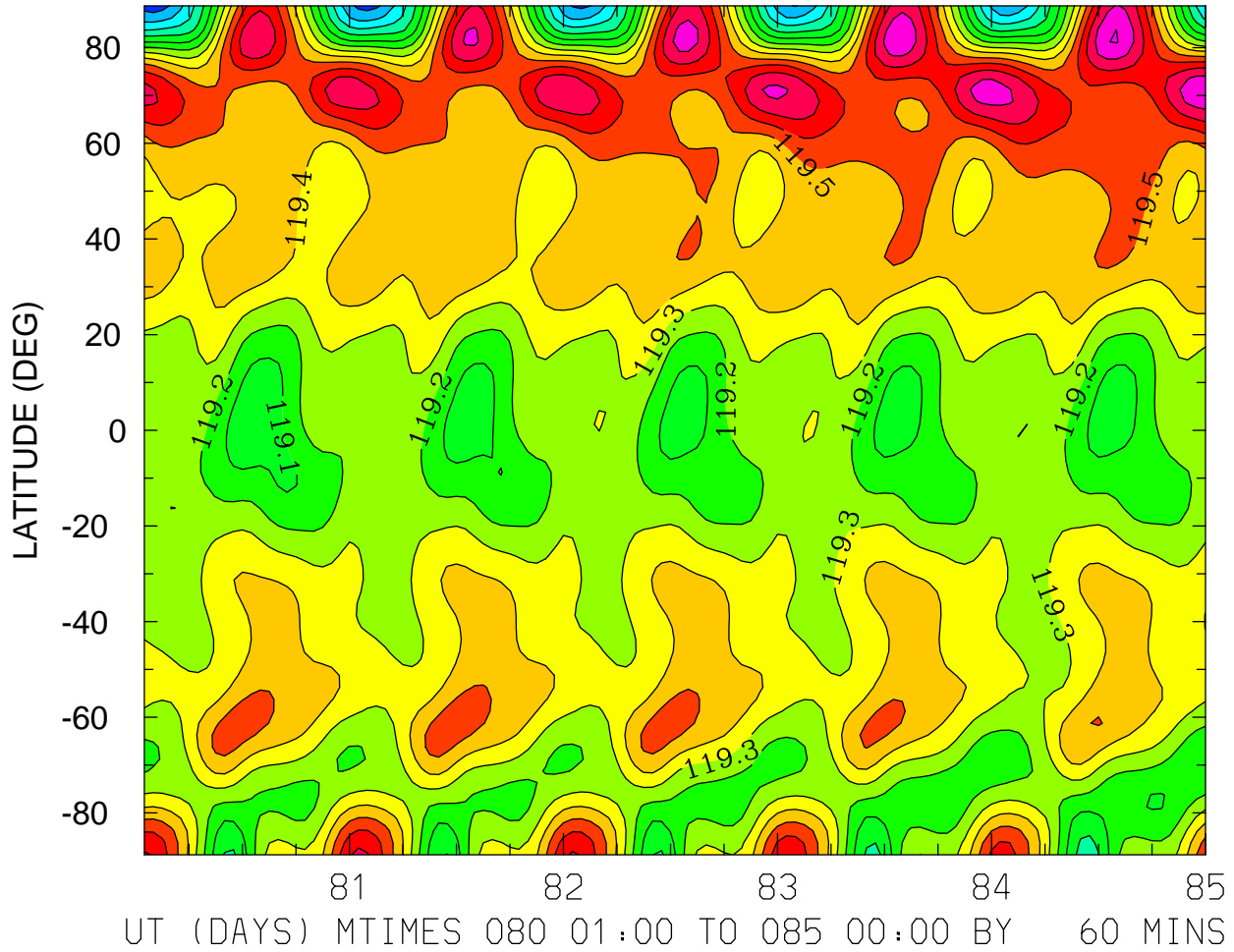
MIN,MAX= 1.1852E+02 1.2218E+02 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
ZP = -4.000 LOCAL TIME = 12.00



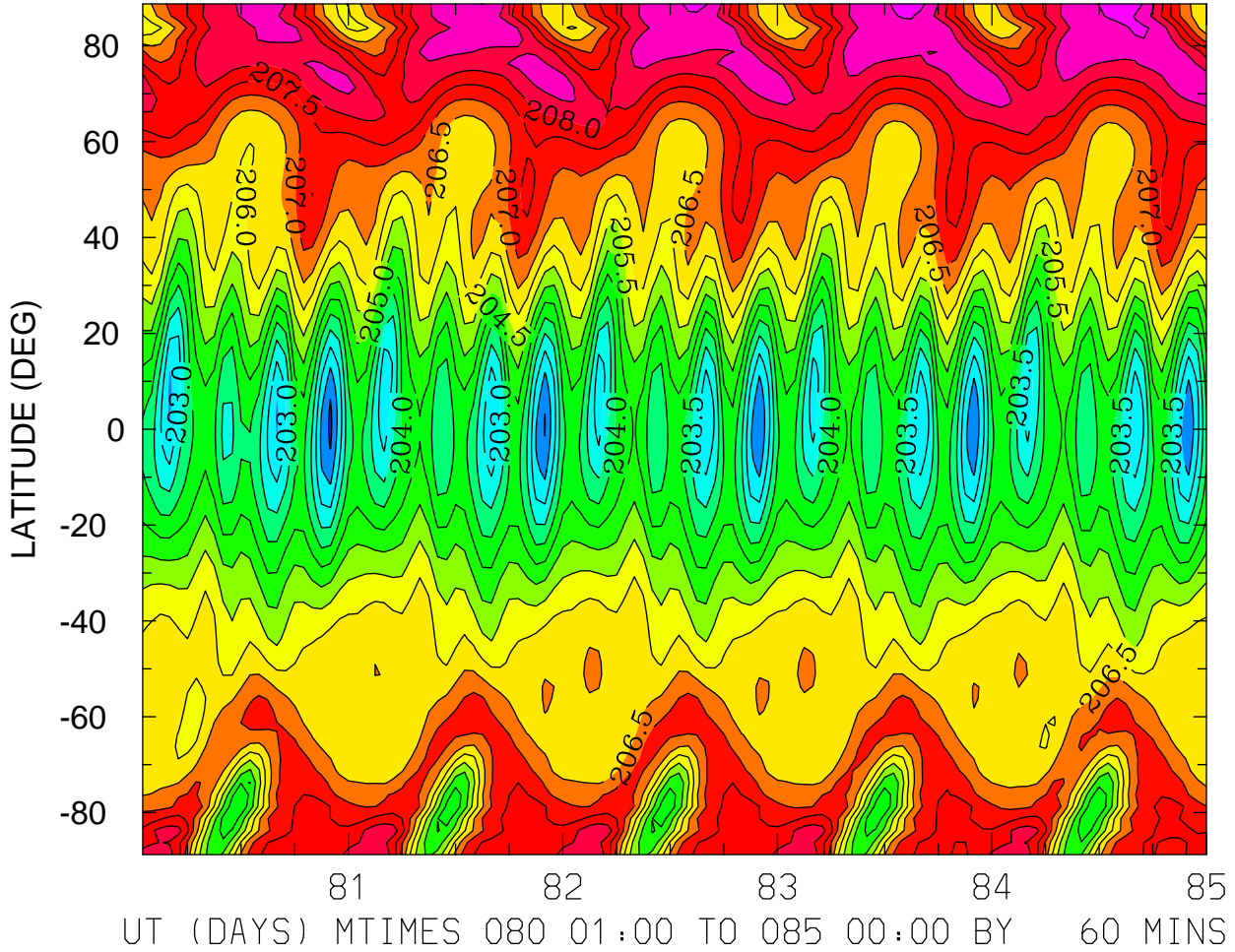
MIN,MAX= 1.1858E+02 1.2071E+02 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
ZP = -4.000 ZONAL MEANS



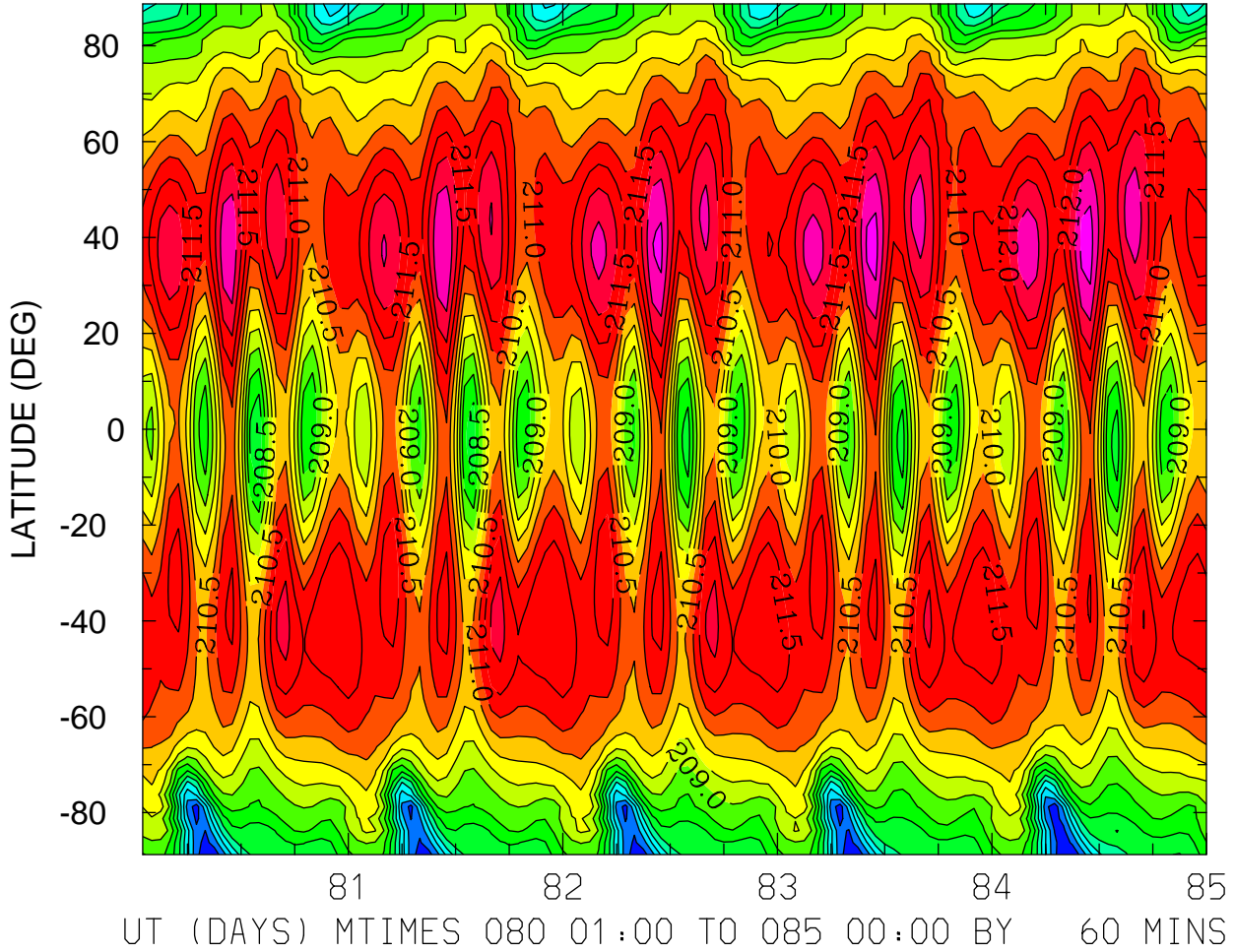
MIN,MAX= 1.1864E+02 1.1991E+02 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
ZP = 0.000 LOCAL TIME = 0.00



MIN,MAX= 2.0188E+02 2.0927E+02 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

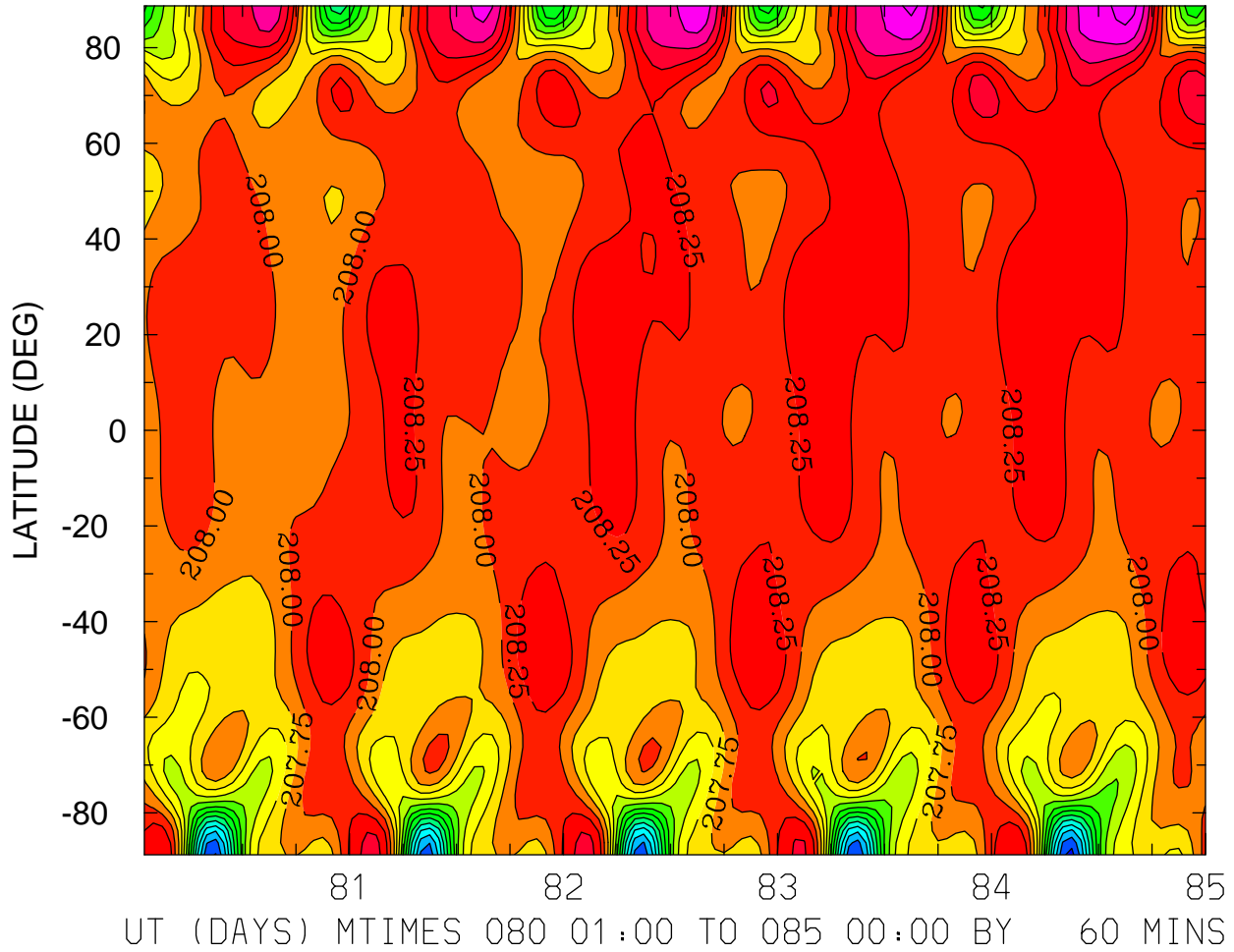
GEOPOTENTIAL HEIGHT (KM)  
ZP = 0.000 LOCAL TIME = 12.00



MIN,MAX= 2.0506E+02 2.1321E+02 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

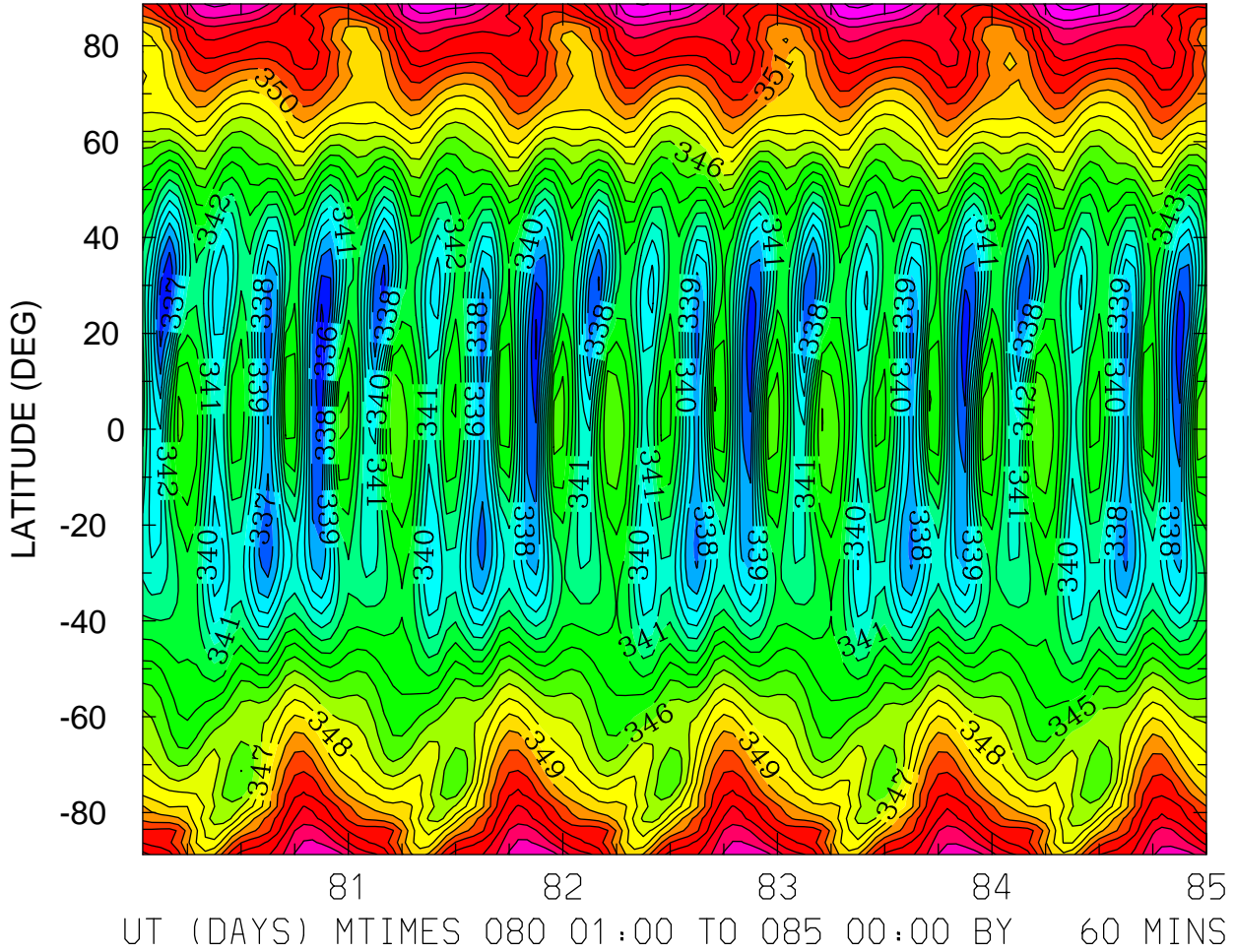


GEOPOTENTIAL HEIGHT (KM)  
ZP = 0.000 ZONAL MEANS



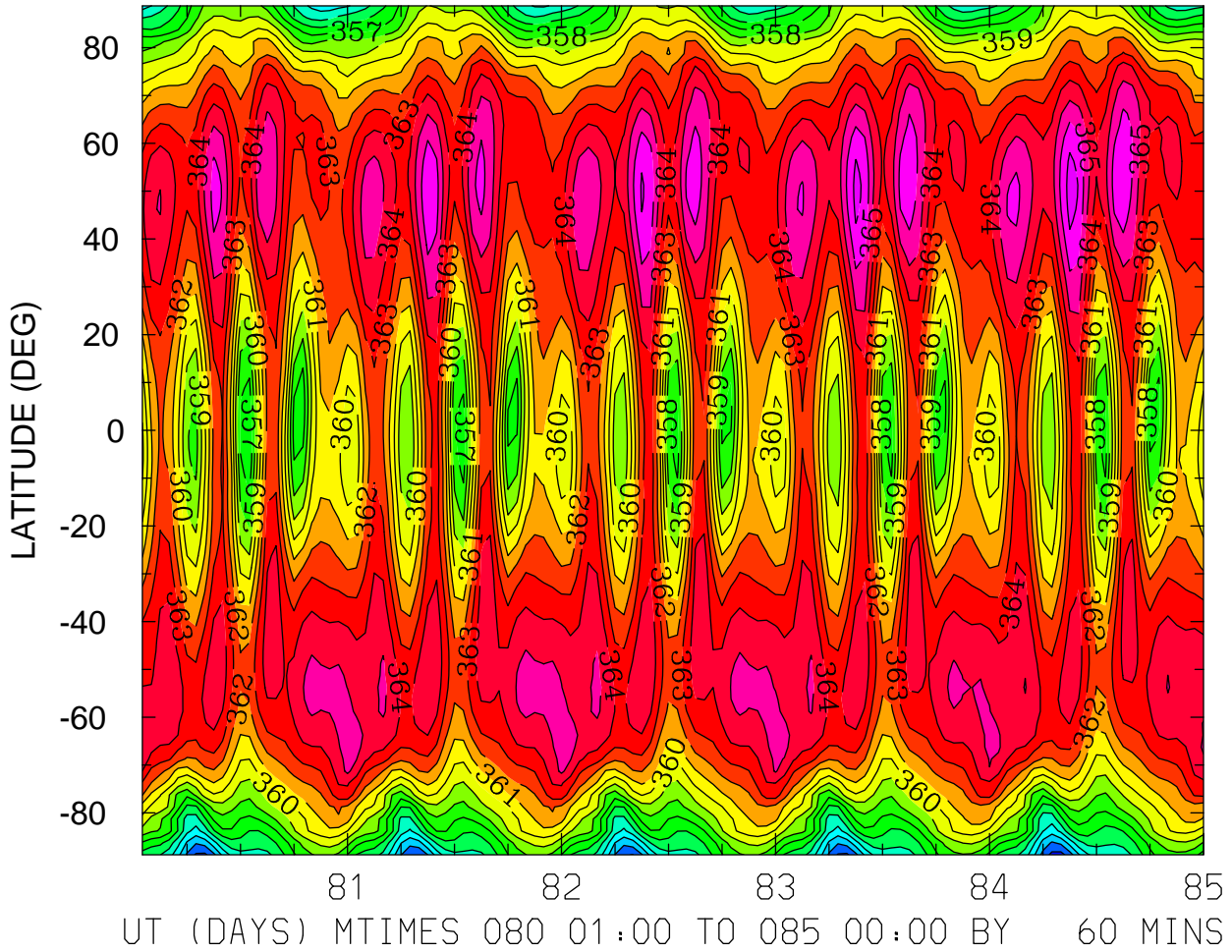
MIN,MAX= 2.0491E+02 2.0938E+02 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
ZP = 4.000 LOCAL TIME = 0.00



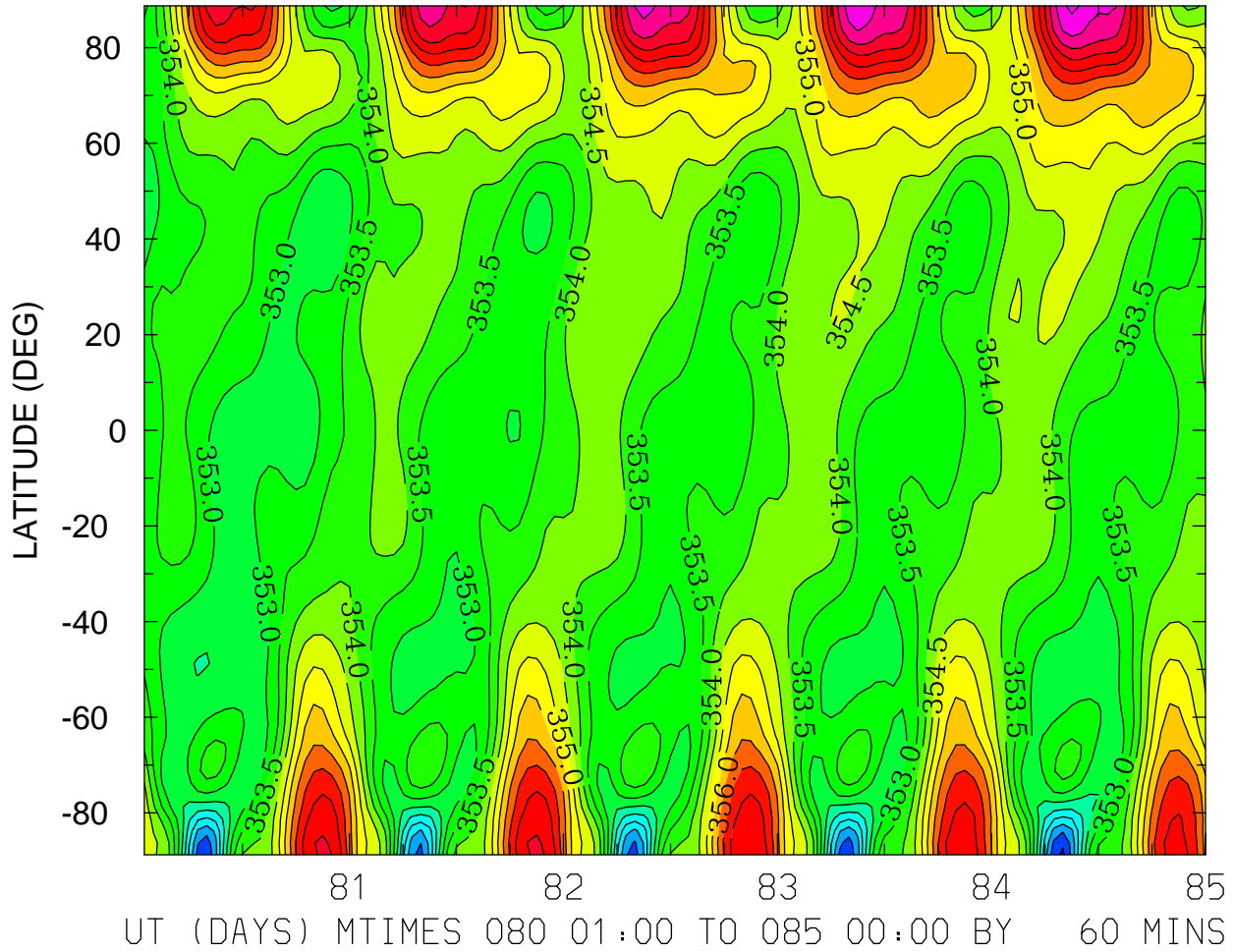
MIN,MAX= 3.3458E+02 3.5850E+02 INTERVAL= 1.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
ZP = 4.000 LOCAL TIME = 12.00



MIN,MAX= 3.5061E+02 3.6743E+02 INTERVAL= 1.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
ZP = 4.000 ZONAL MEANS



MIN,MAX= 3.4990E+02 3.5913E+02 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smin\_sech\_005.nc