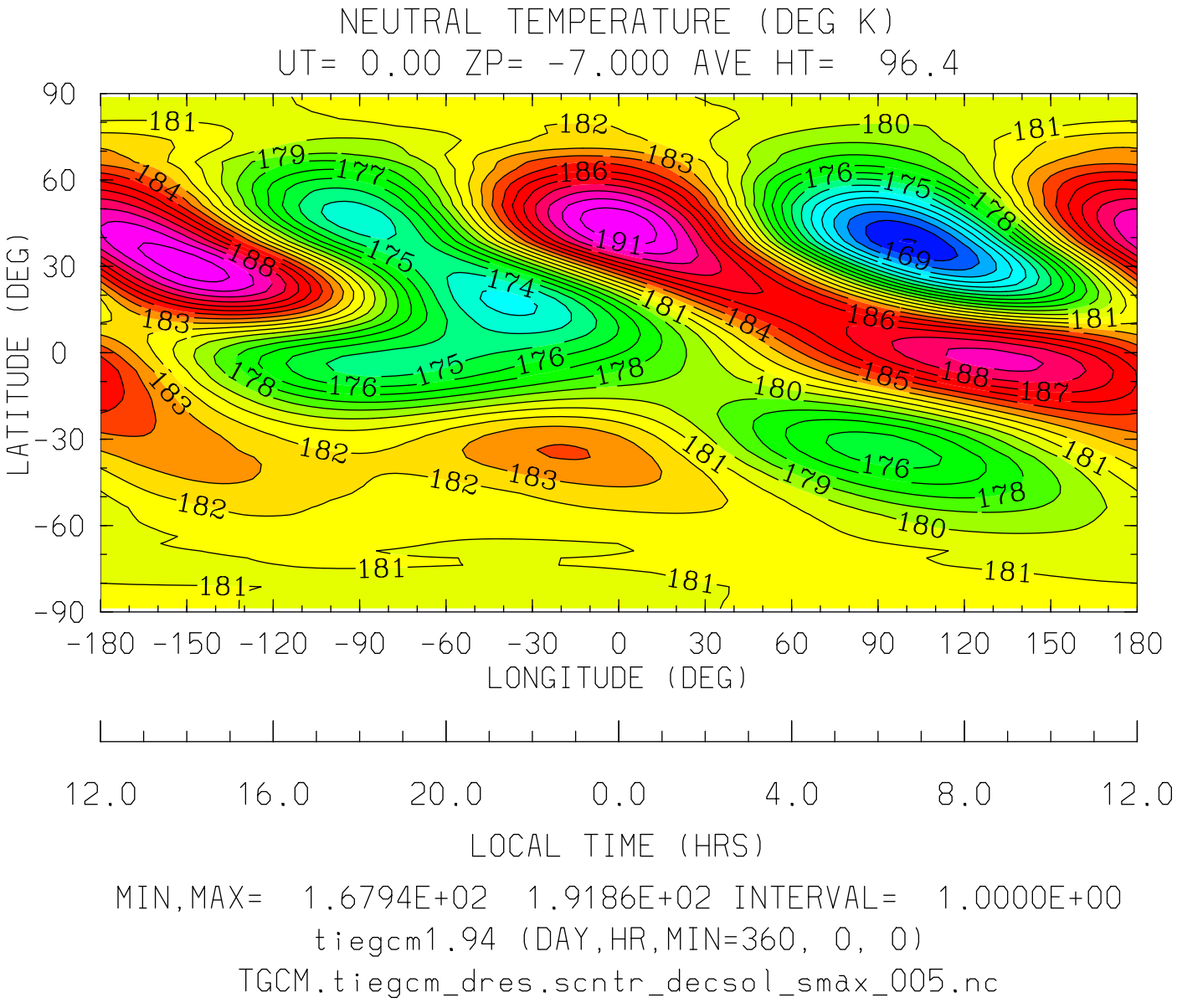
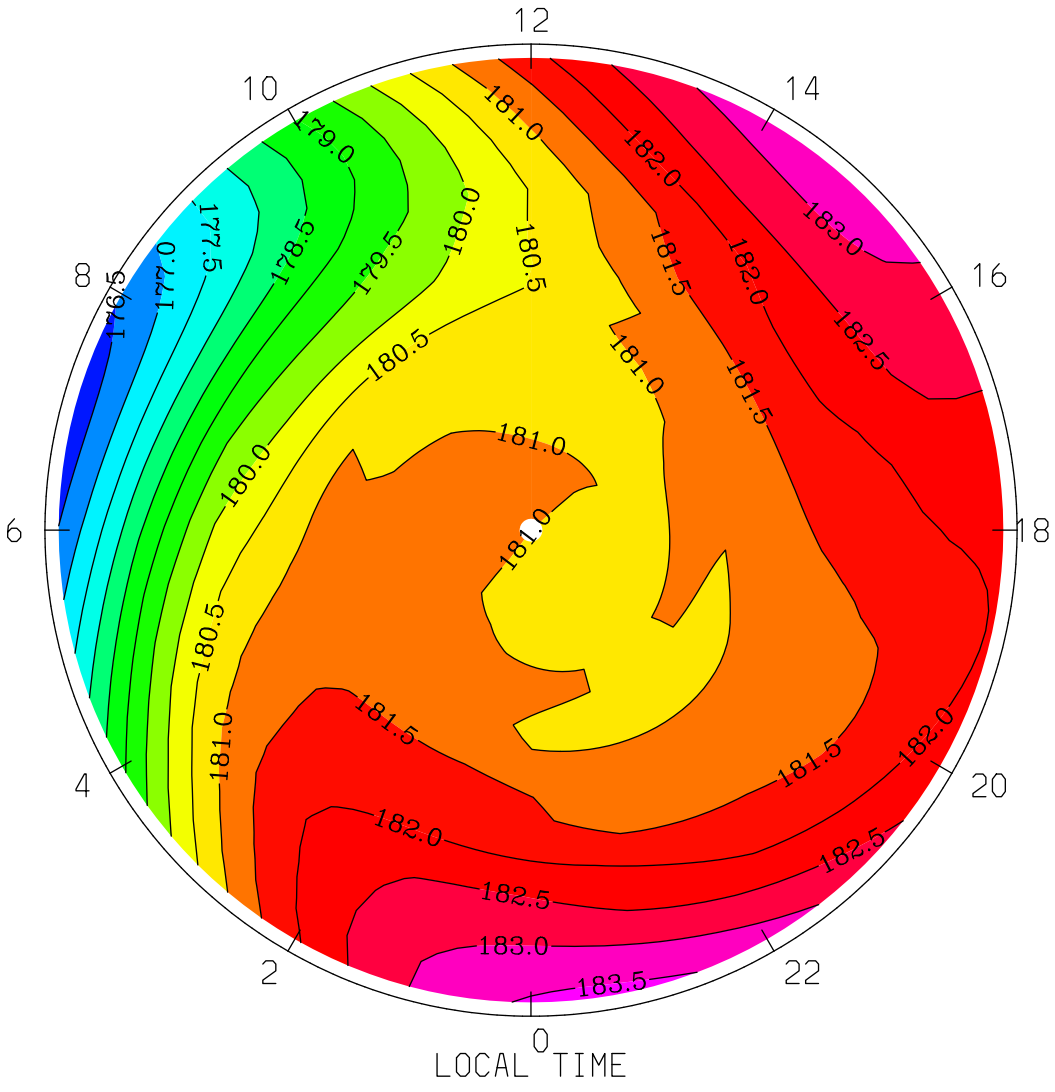
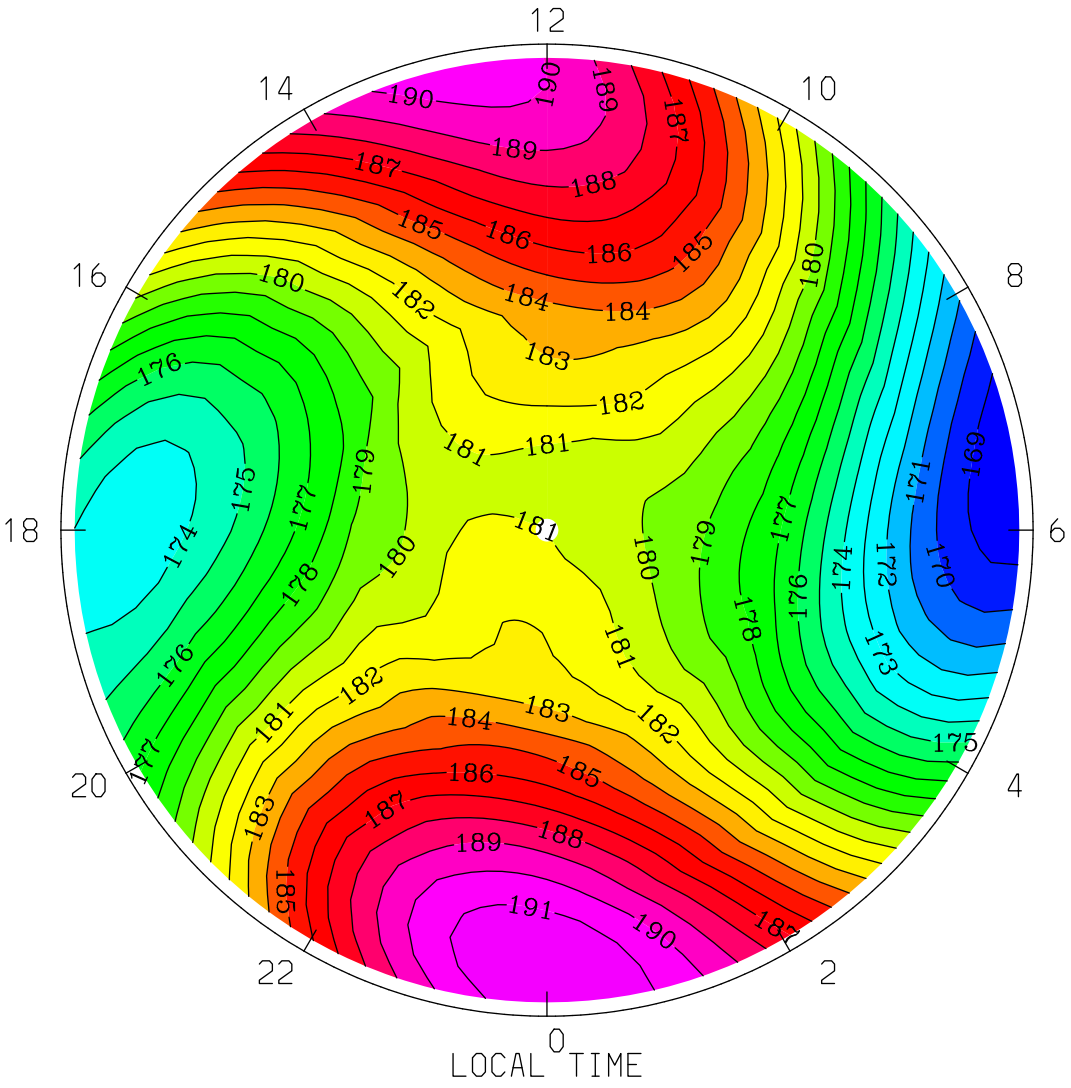

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.6794E+02 1.9186E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.7620E+02 1.8363E+02 INTERVAL= 5.0000E-01

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

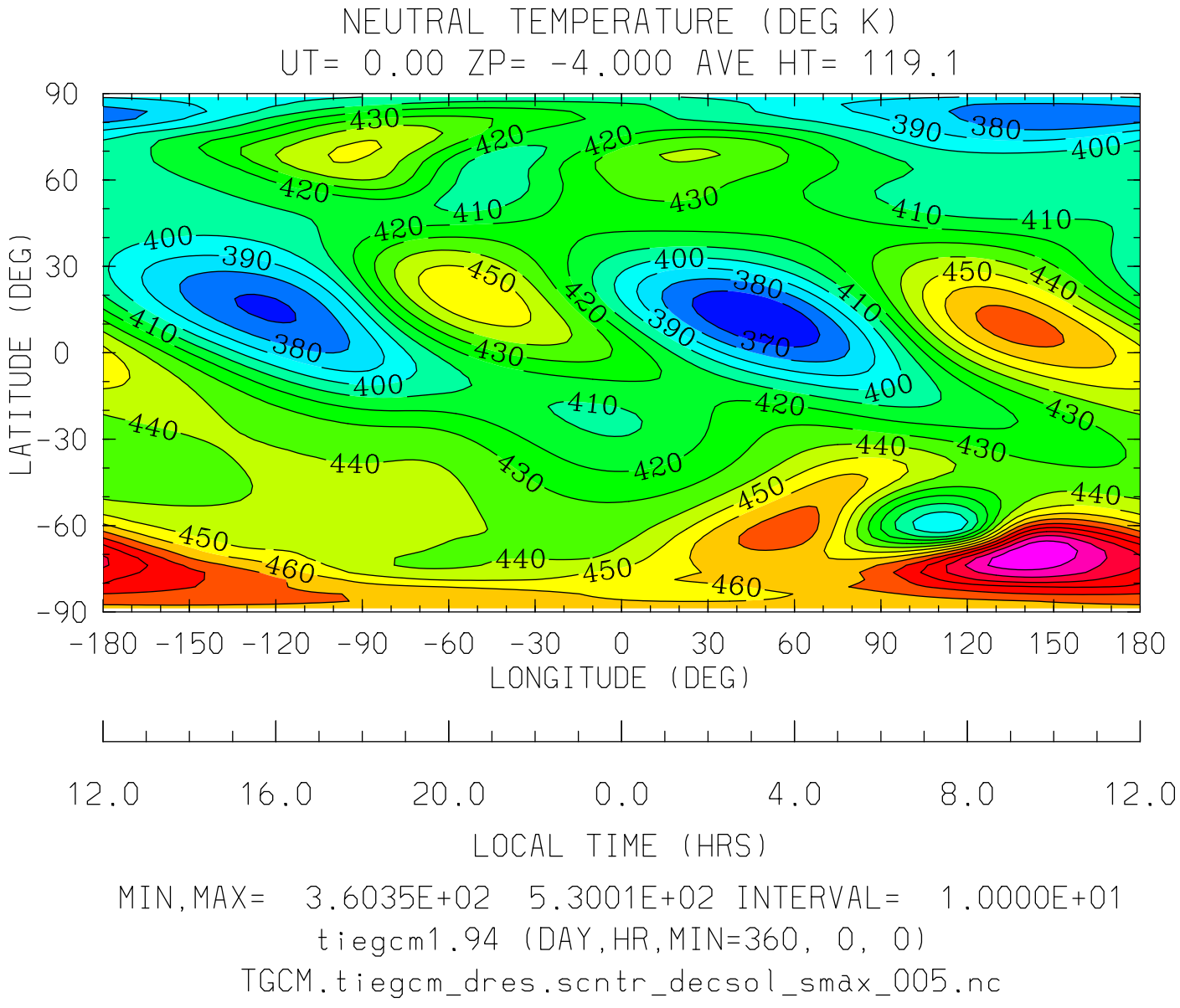
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

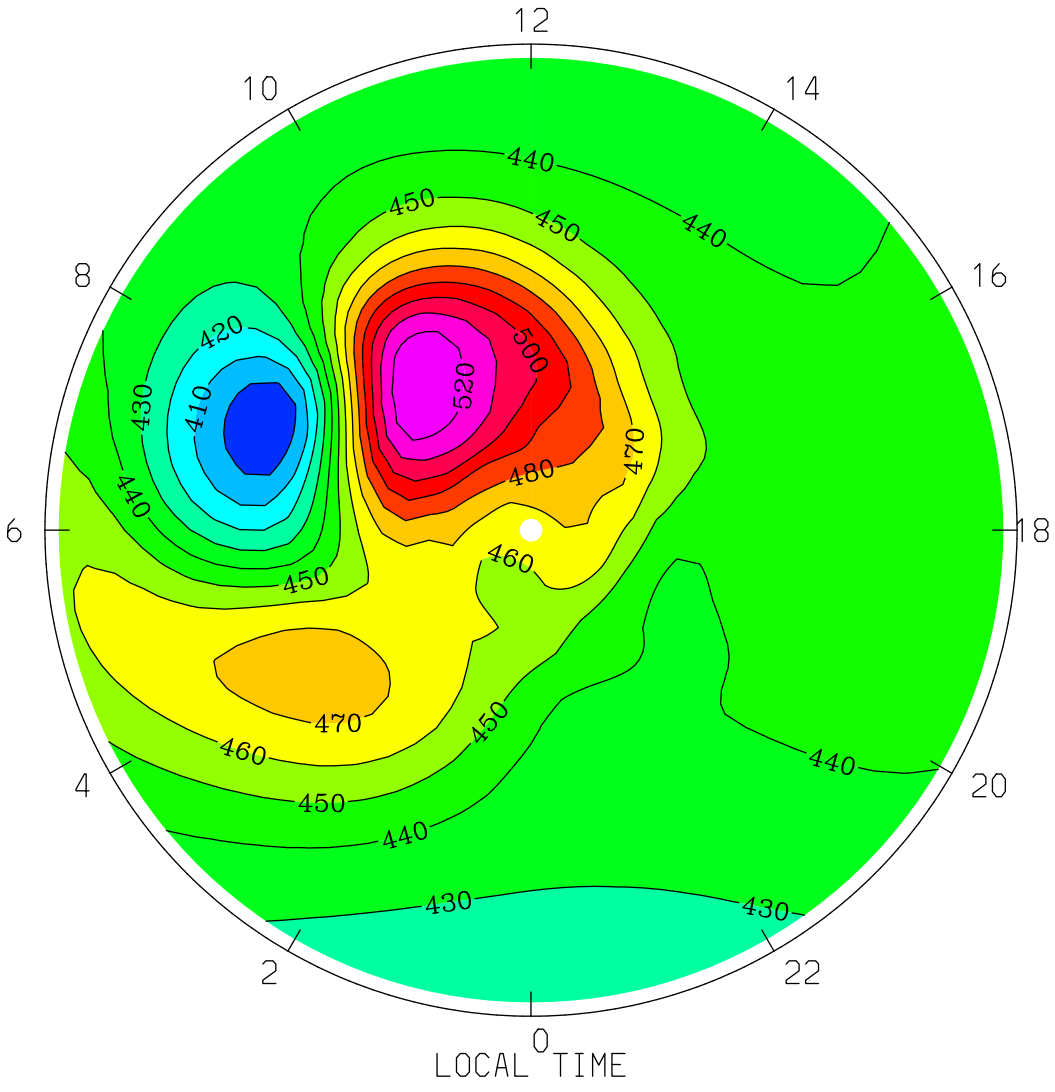


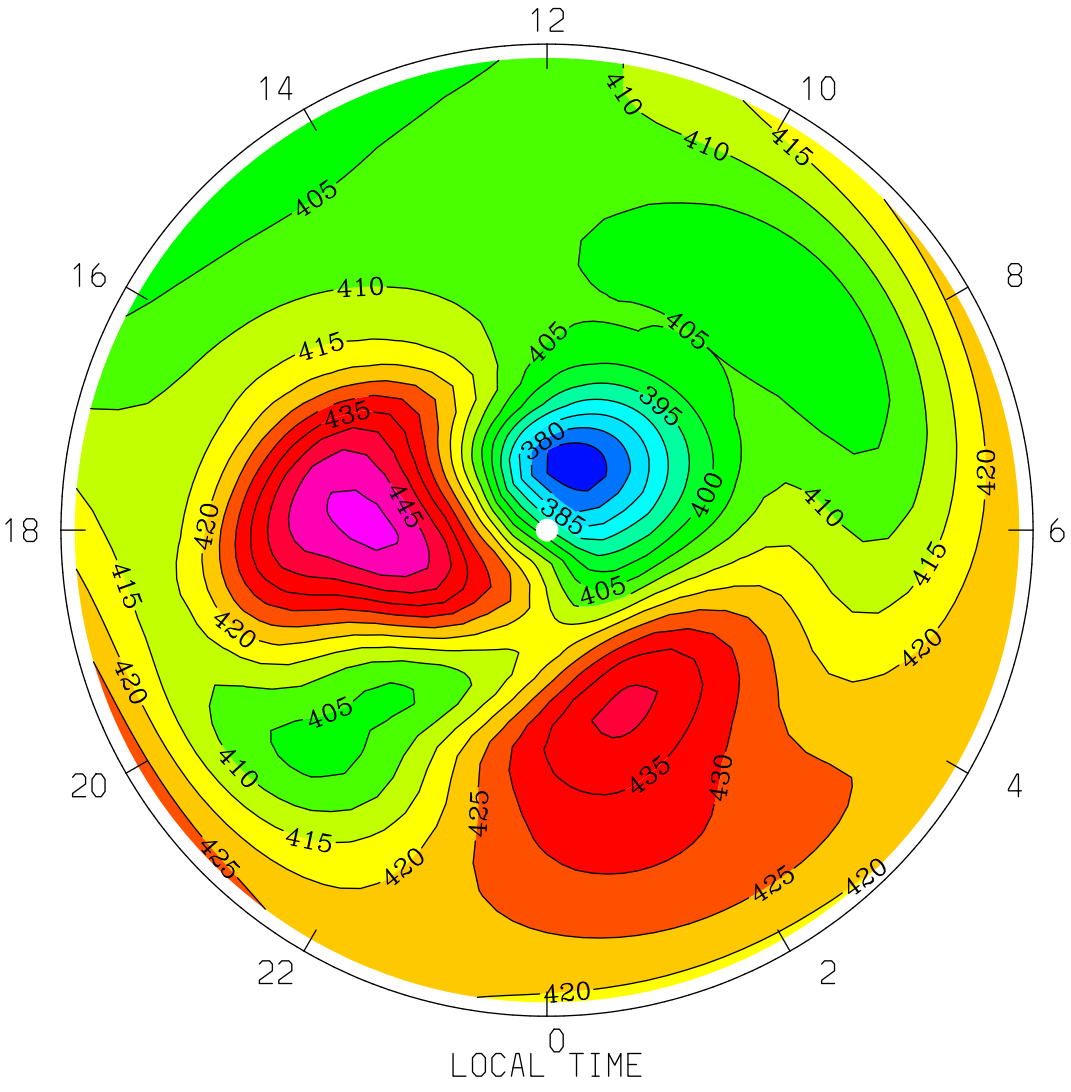
MIN,MAX= 1.6809E+02 1.9186E+02 INTERVAL= 1.0000E+00

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.000 AVE HT= 119.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.6035E+02 5.3001E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

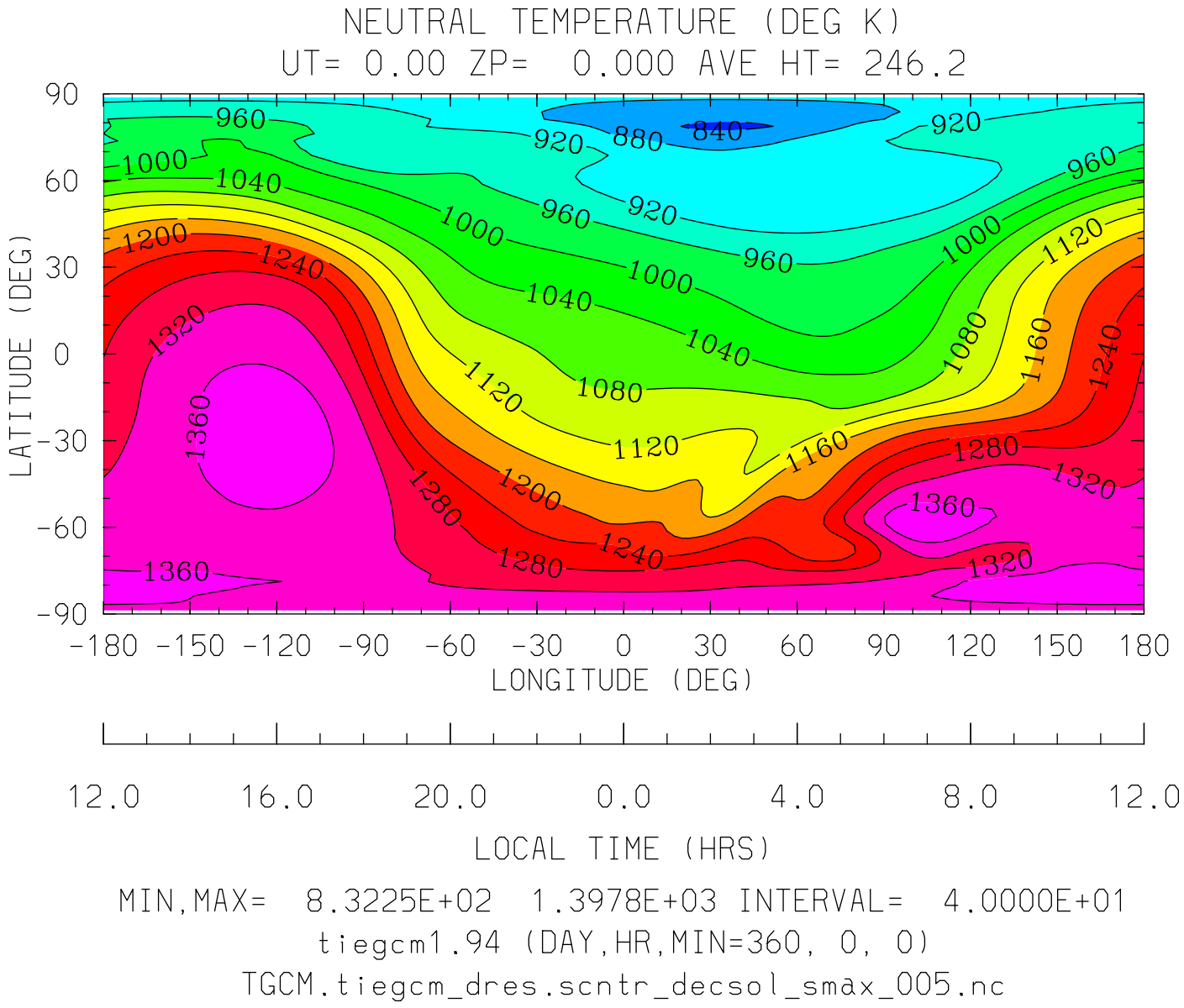

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.000 AVE HT= 119.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
440
450
450
440
420
430
410
500
520
440
480
470
460
450
470
460
450
450
440
440
430
430
MIN,MAX= 3.9030E+02 5.3001E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

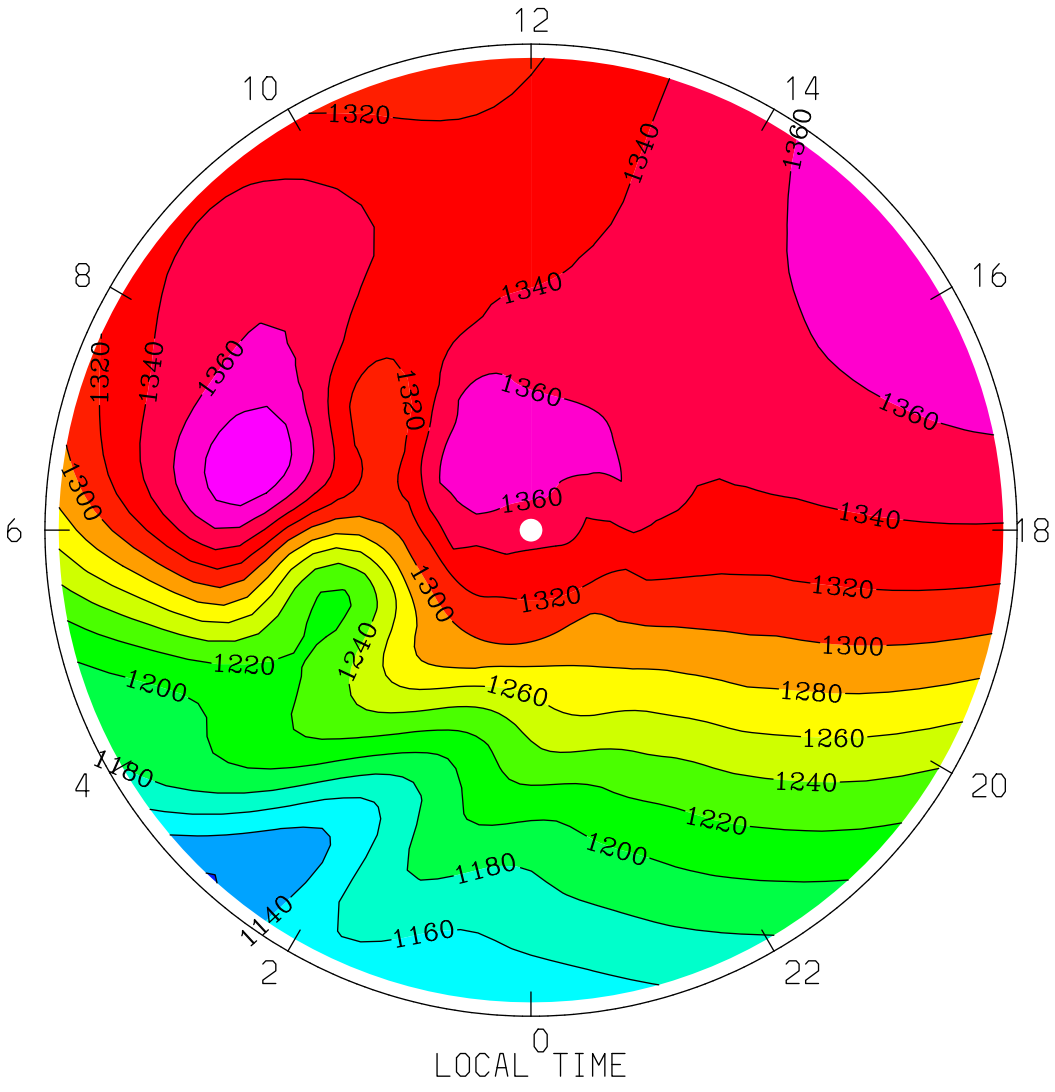


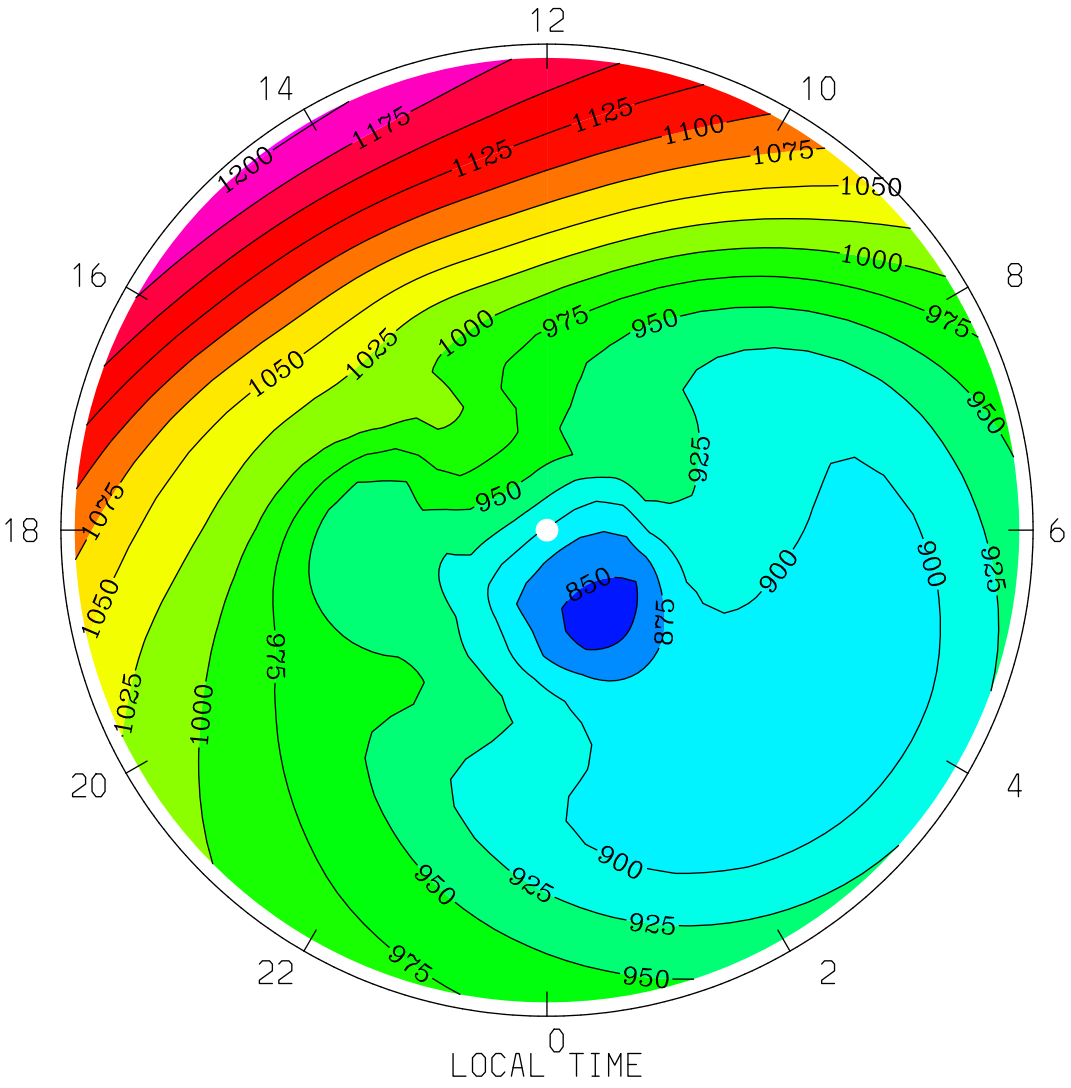
MIN,MAX= 3.7124E+02 4.5146E+02 INTERVAL= 5.0000E+00

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 0.000 AVE HT= 246.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 8.3225E+02 1.3978E+03 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

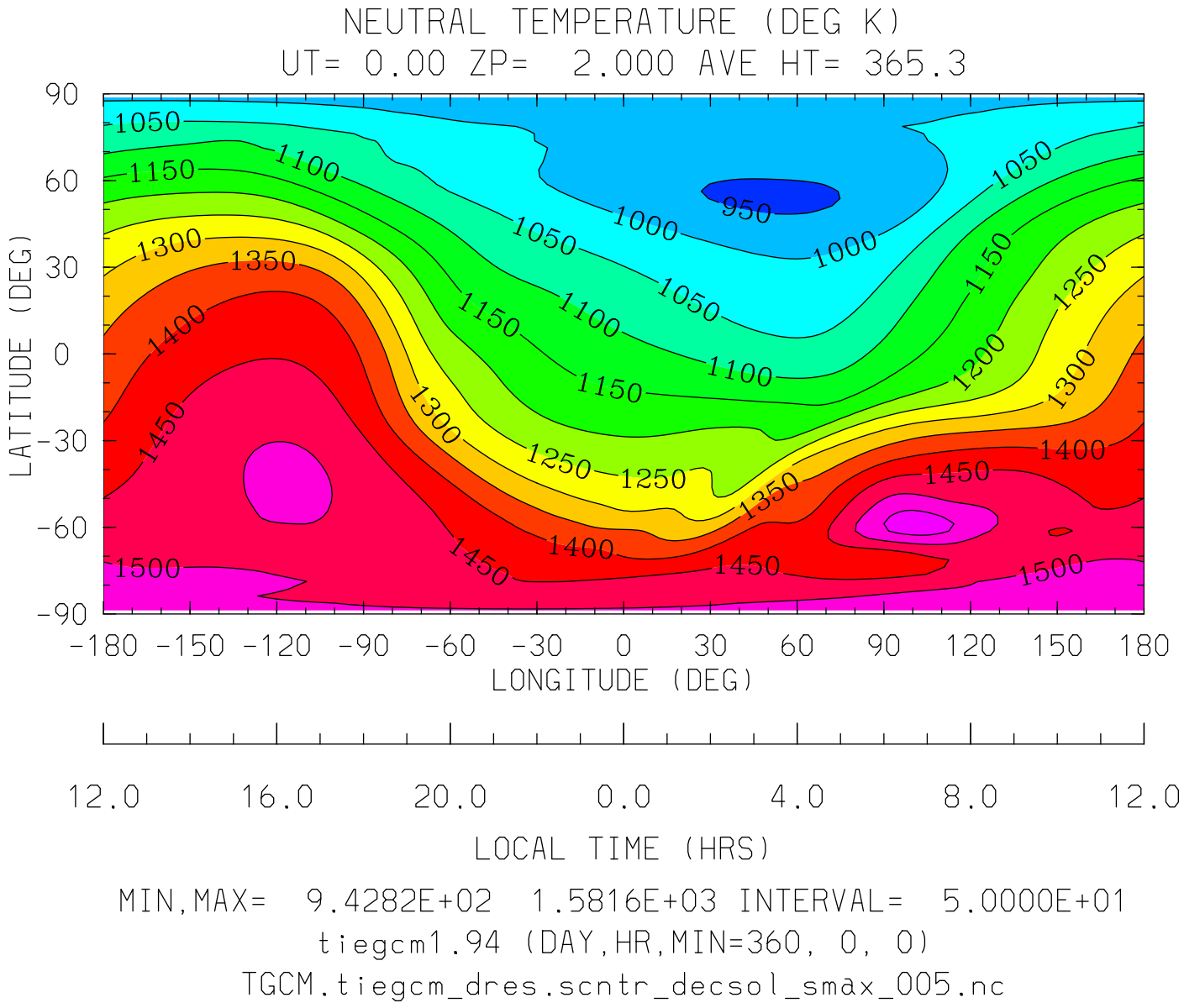

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 0.000 AVE HT= 246.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
1320
1340
1360
1300
1240
1220
1200
1180
1160
1140
1280
MIN,MAX= 1.1191E+03 1.3978E+03 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 8.3225E+02 1.2026E+03 INTERVAL= 2.5000E+01

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

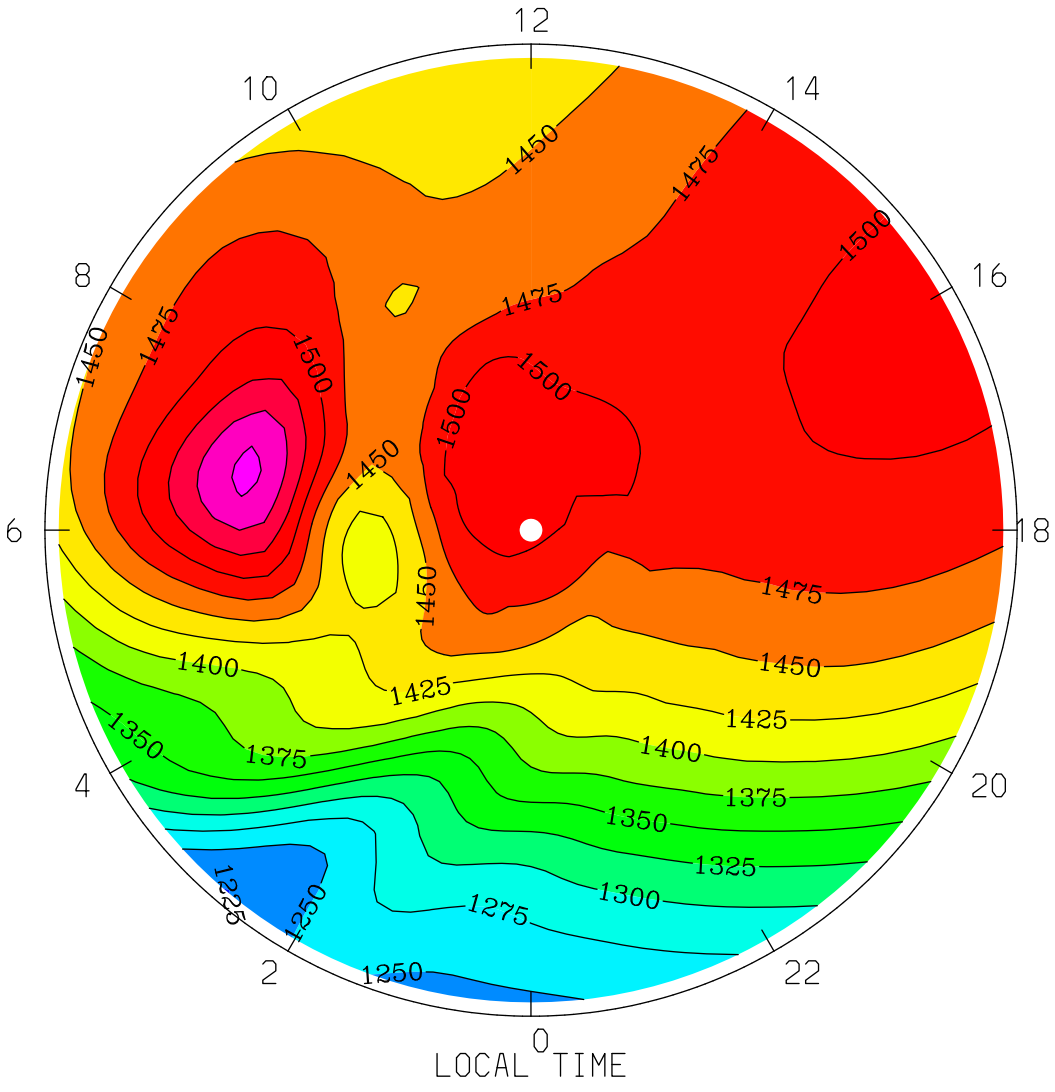
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

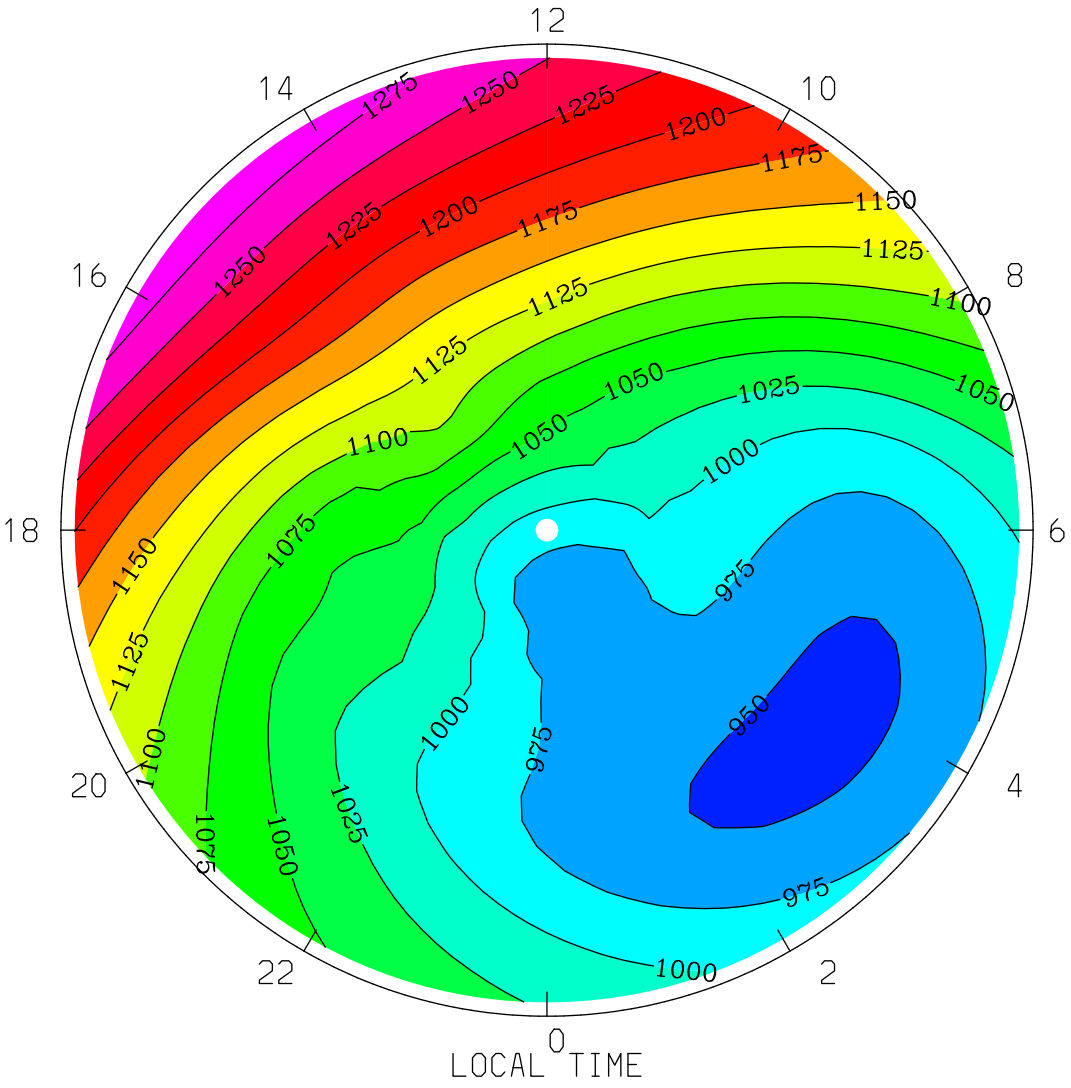


MIN,MAX= 9.4282E+02 1.5816E+03 INTERVAL= 5.0000E+01

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

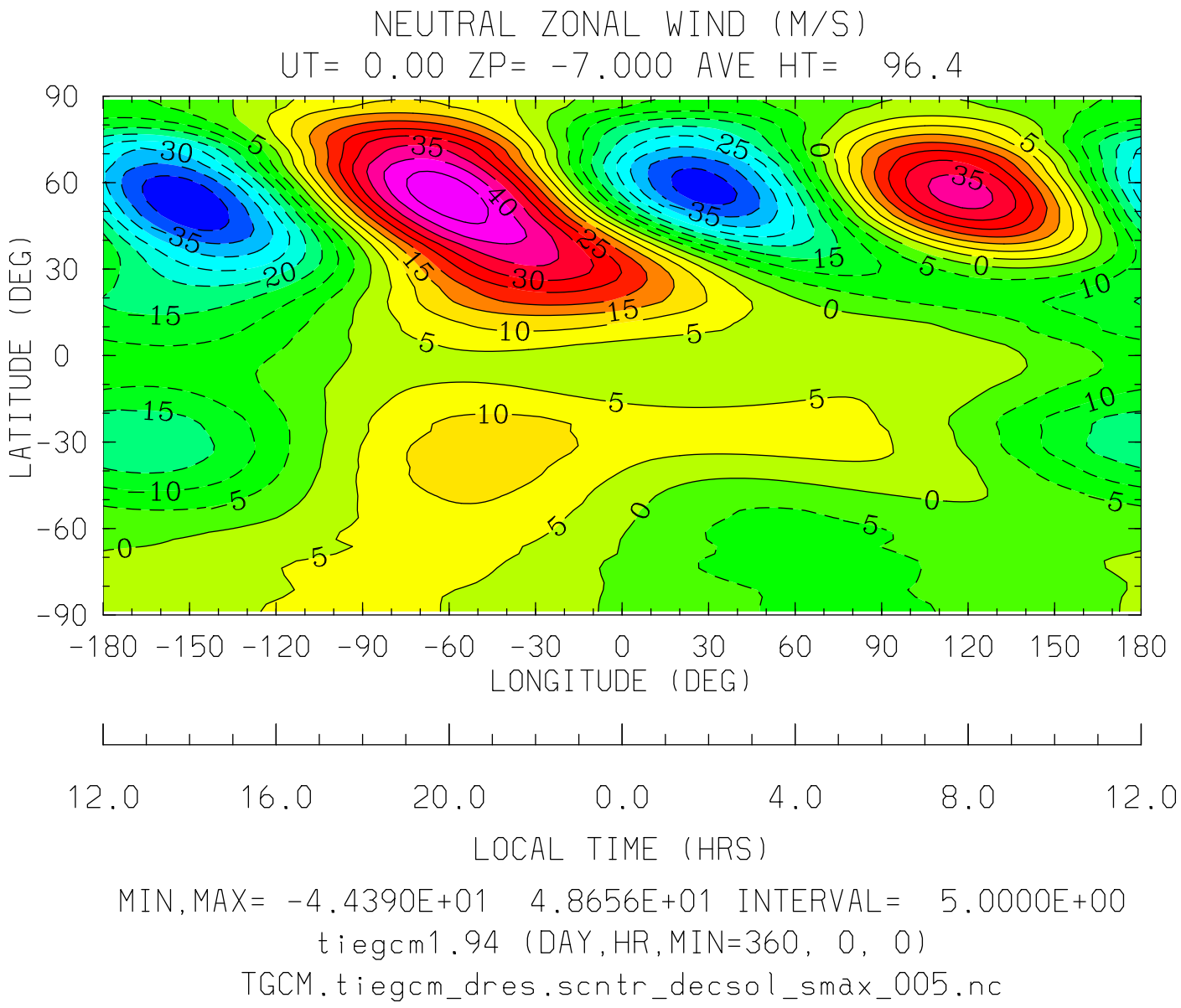

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 2.000 AVE HT= 365.3 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
1450
1475
1500
1425
1400
1375
1350
1325
1300
1275
1250
1225
LOCAL TIME
MIN,MAX= 1.2244E+03 1.5816E+03 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 9.4282E+02 1.2945E+03 INTERVAL= 2.5000E+01

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

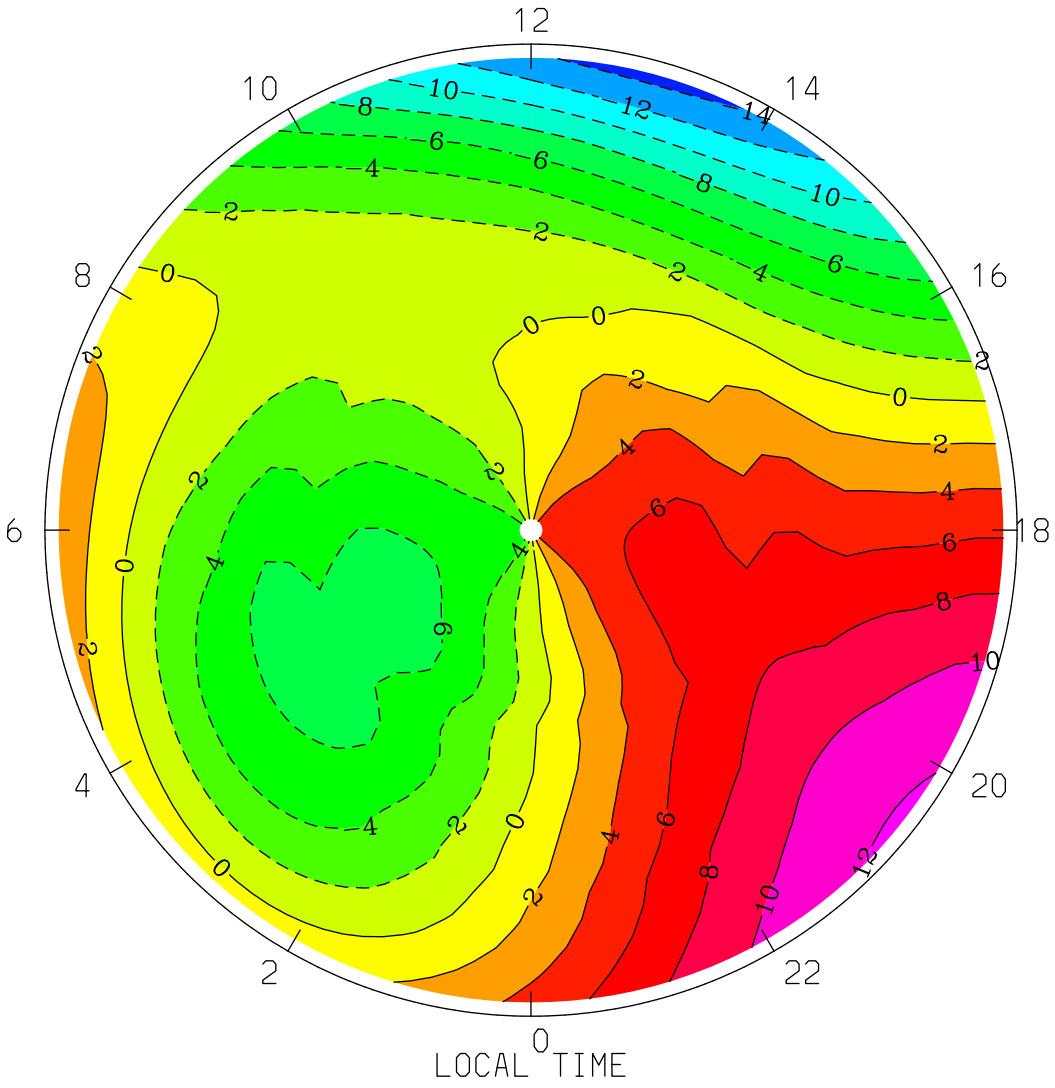
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

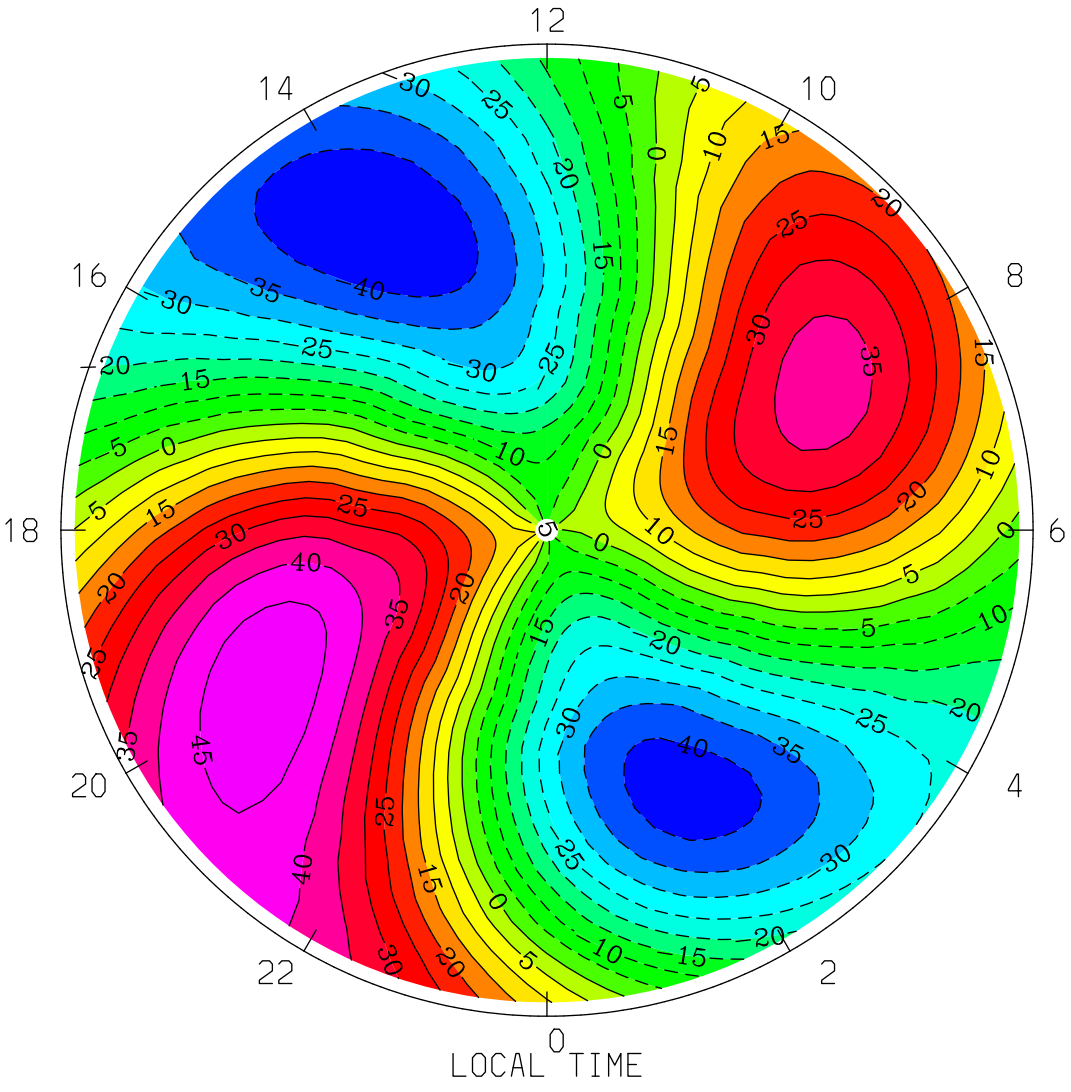


MIN,MAX= -4.4390E+01 4.8656E+01 INTERVAL= 5.0000E+00

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

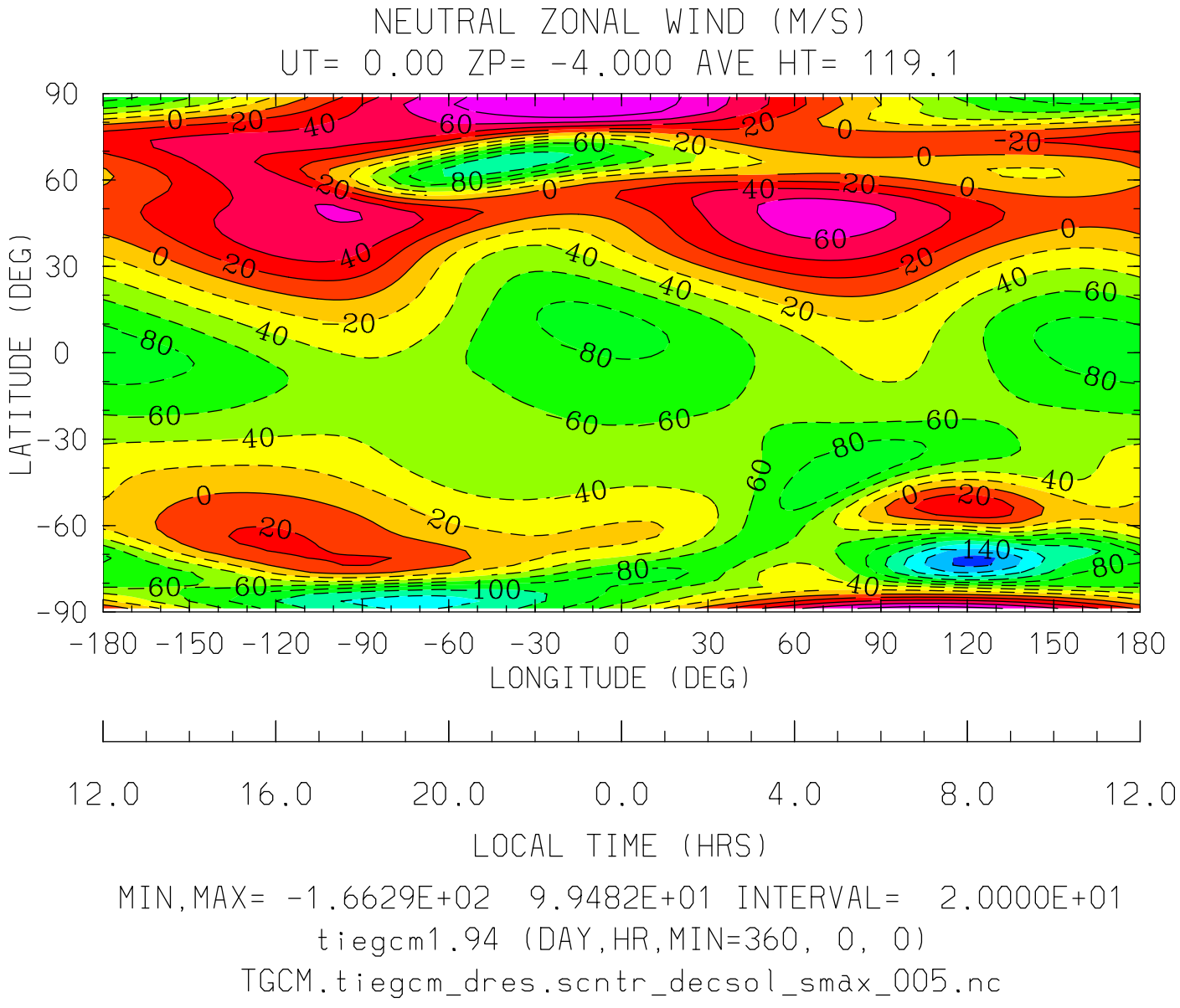

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -1.4721E+01 1.2232E+01 INTERVAL= 2.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

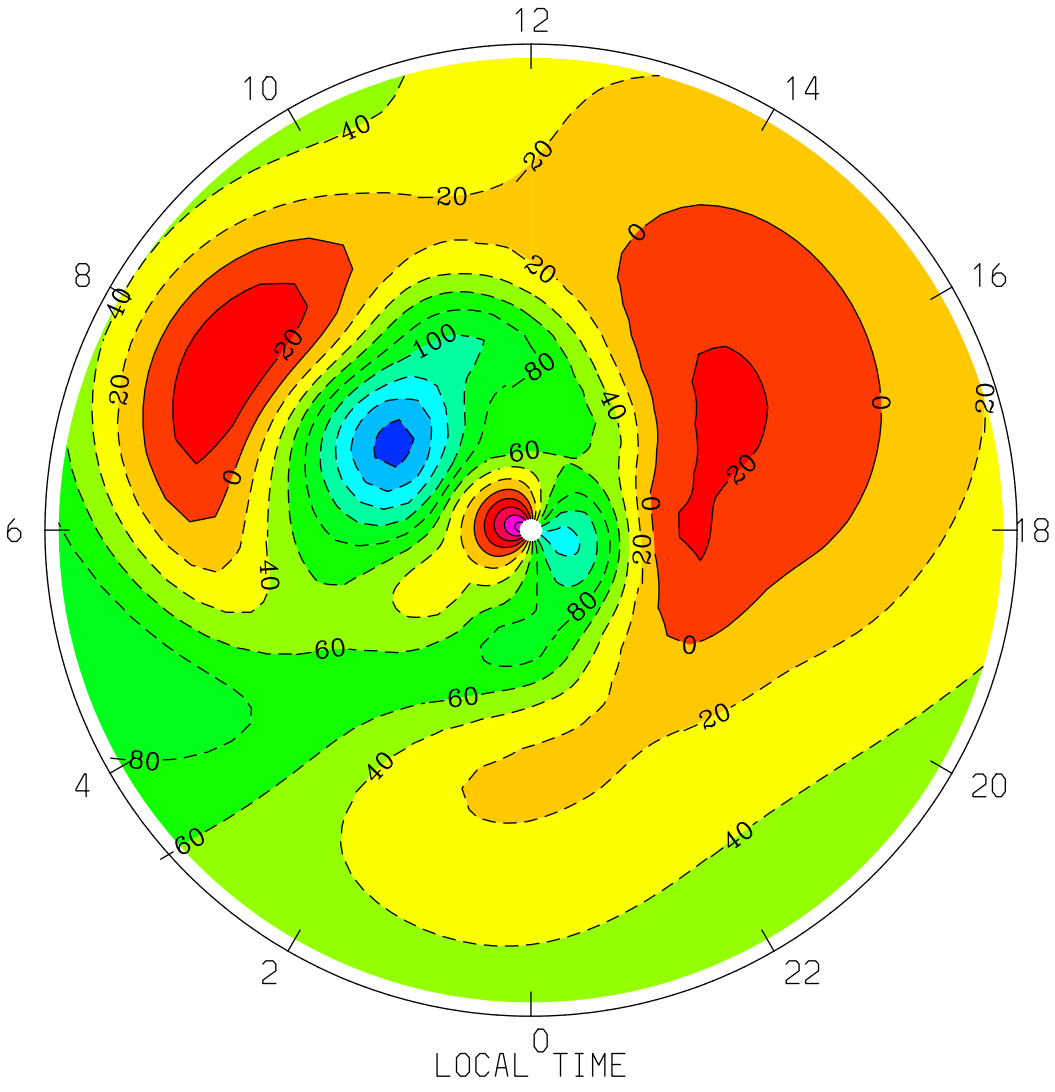


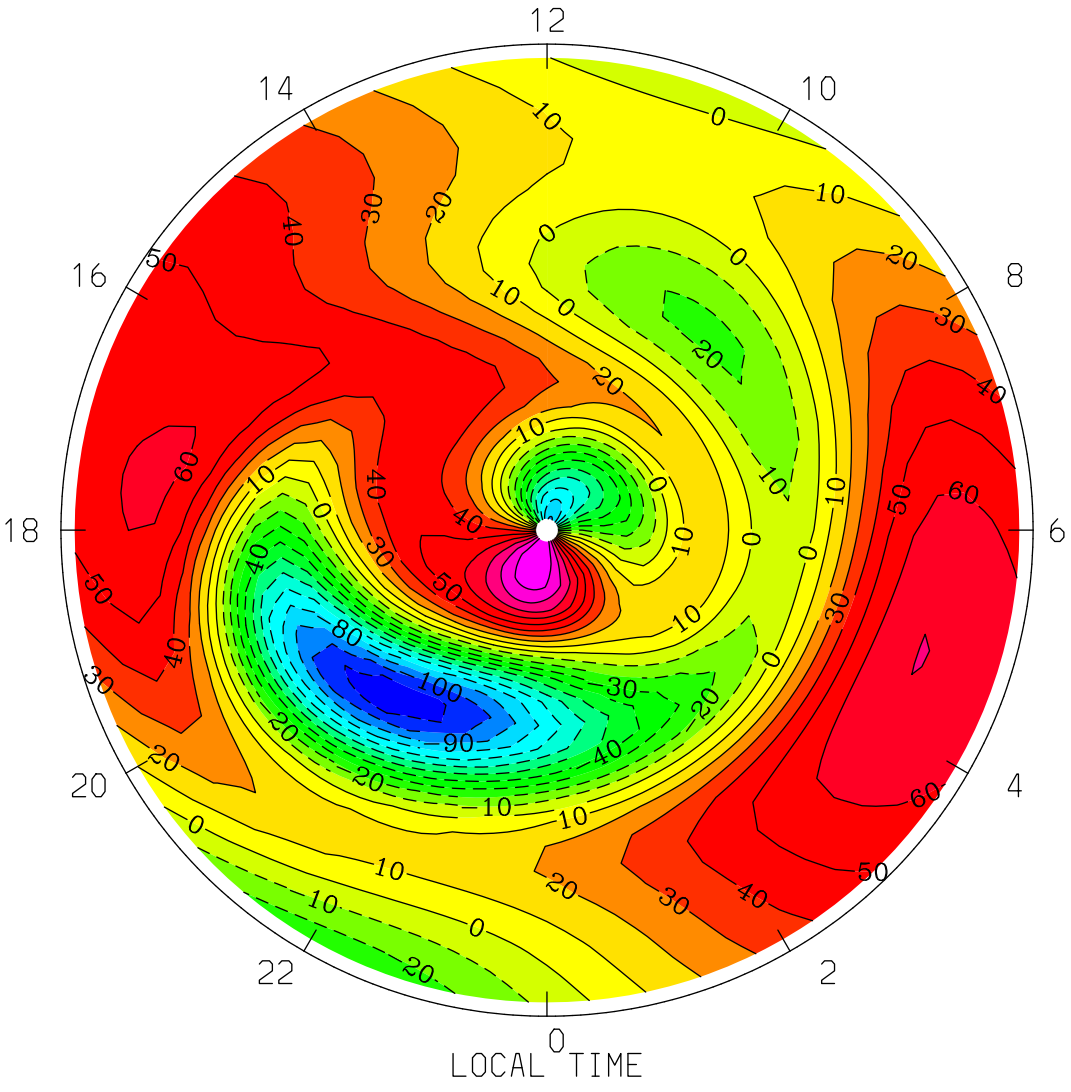
MIN,MAX= -4.4390E+01 4.8656E+01 INTERVAL= 5.0000E+00

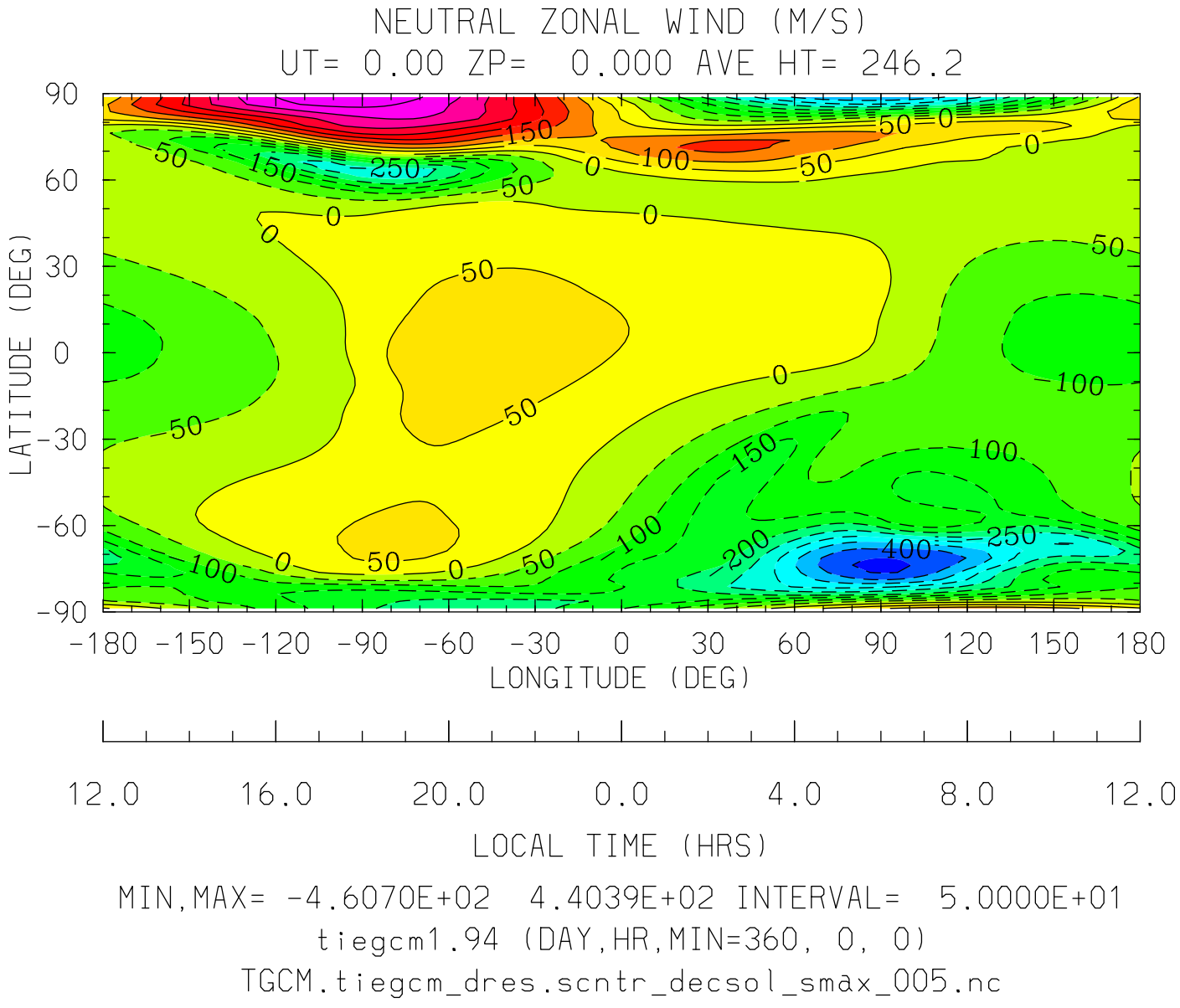
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

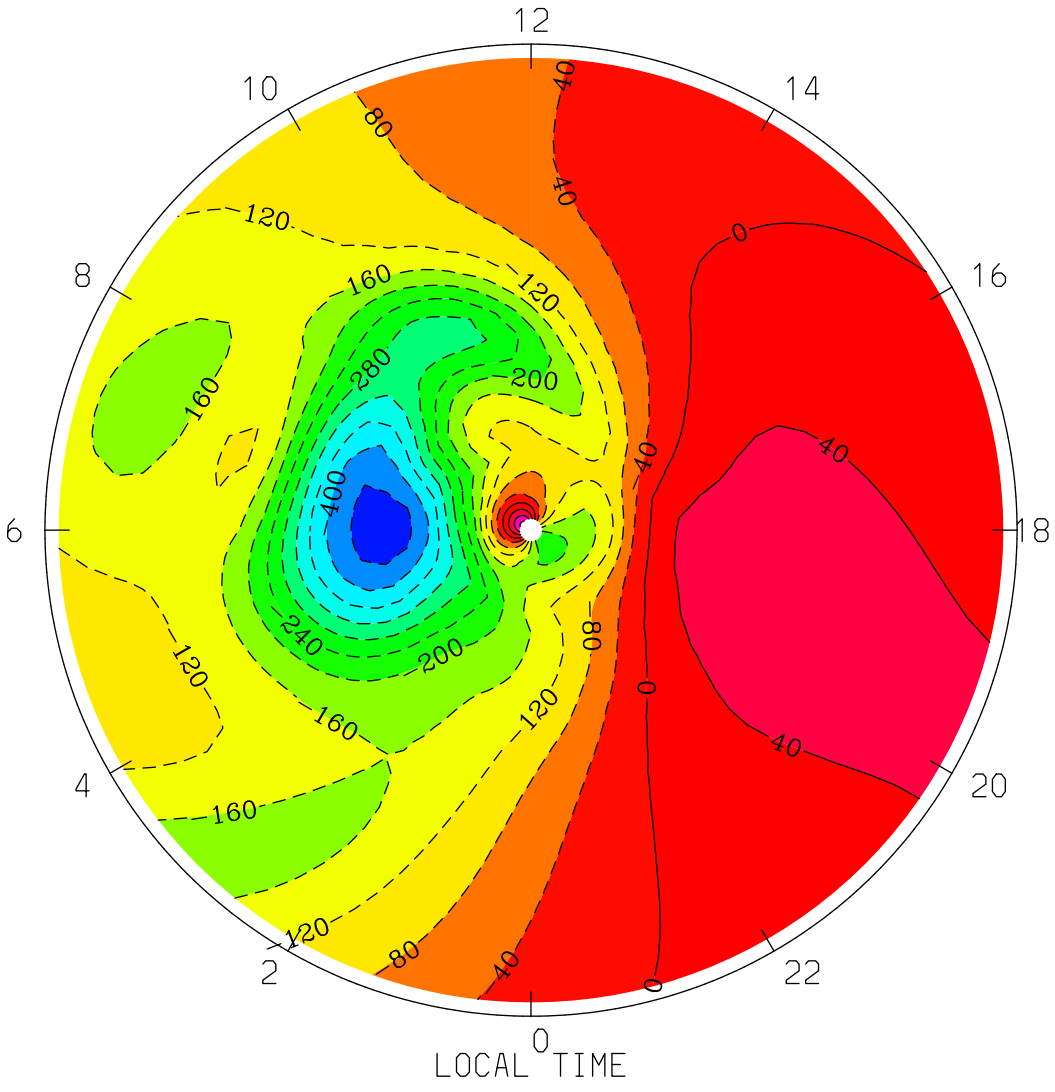
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

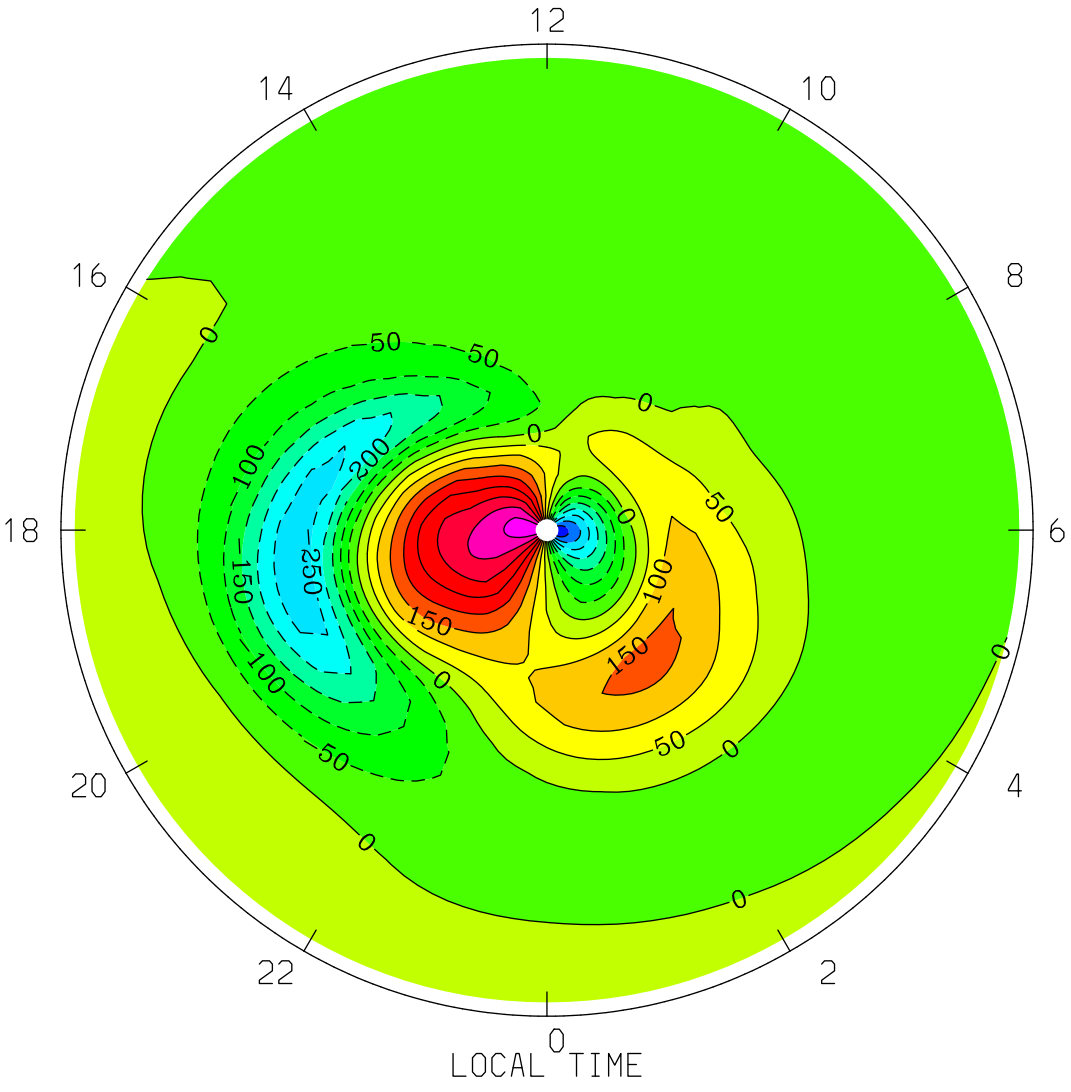

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 119.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.6629E+02 9.9482E+01 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

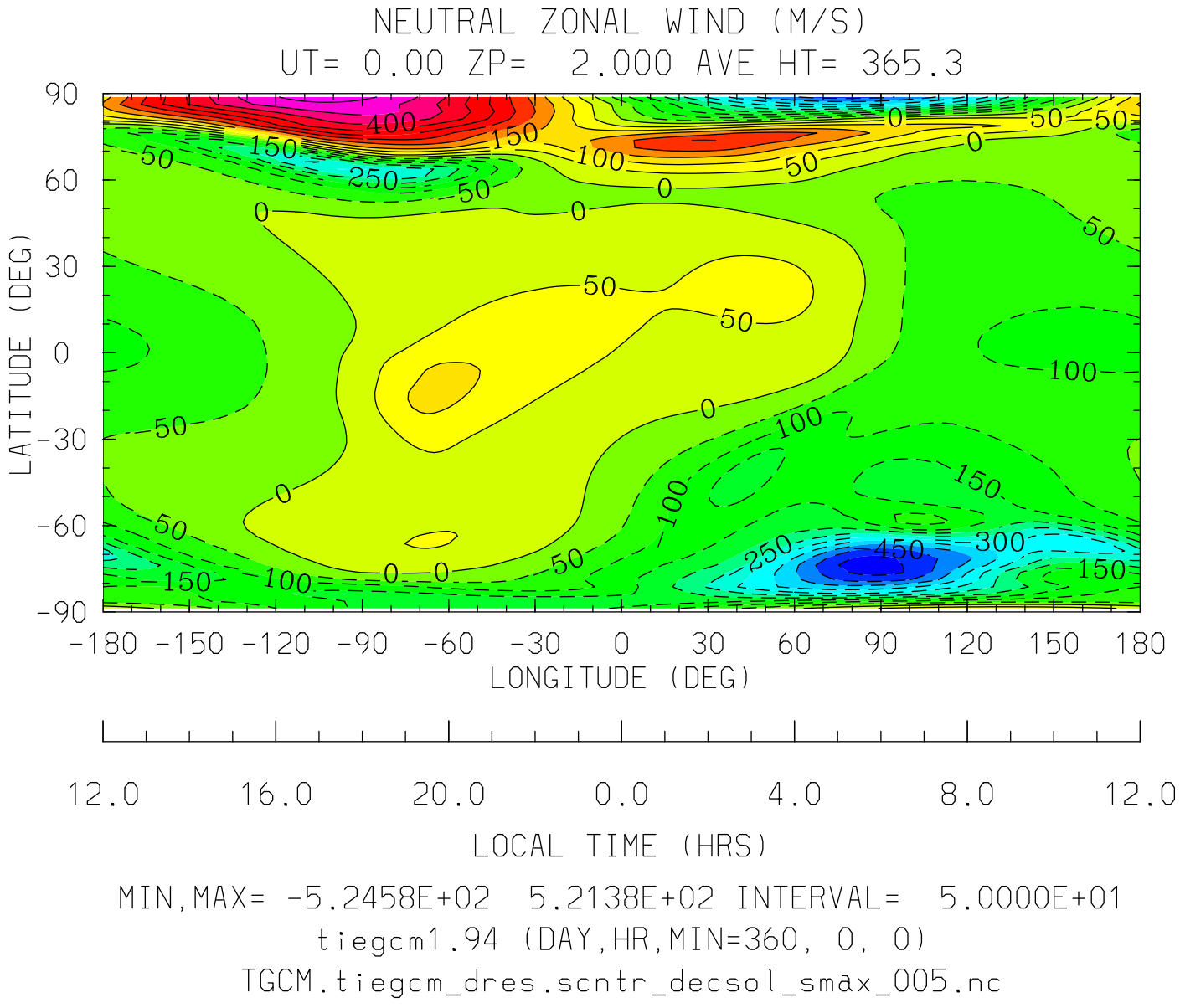

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 119.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -1.6629E+02 8.9985E+01 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

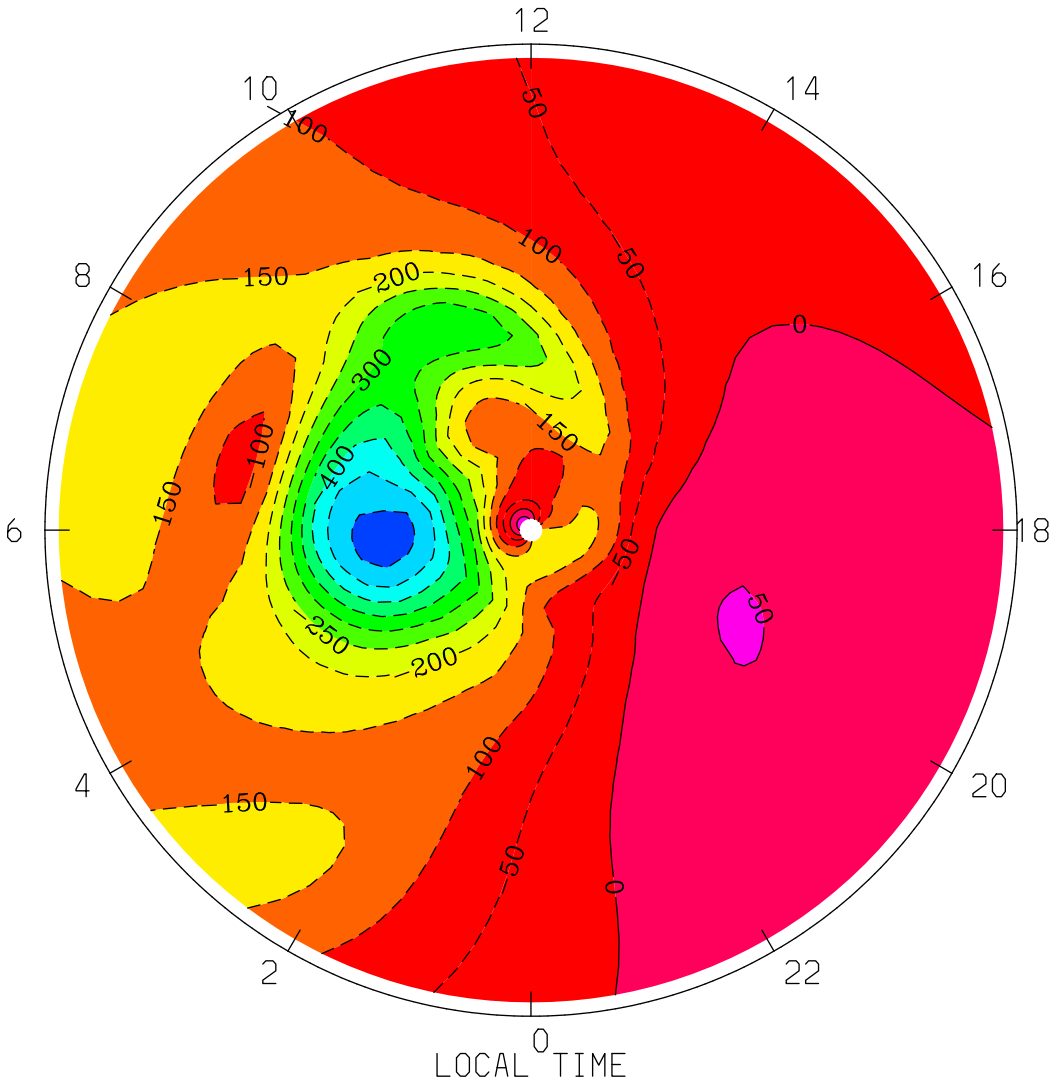

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 119.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -1.1764E+02 9.9482E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 246.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.6070E+02 4.4039E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 246.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -4.6070E+02 1.2816E+02 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 246.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -3.9412E+02 4.4039E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

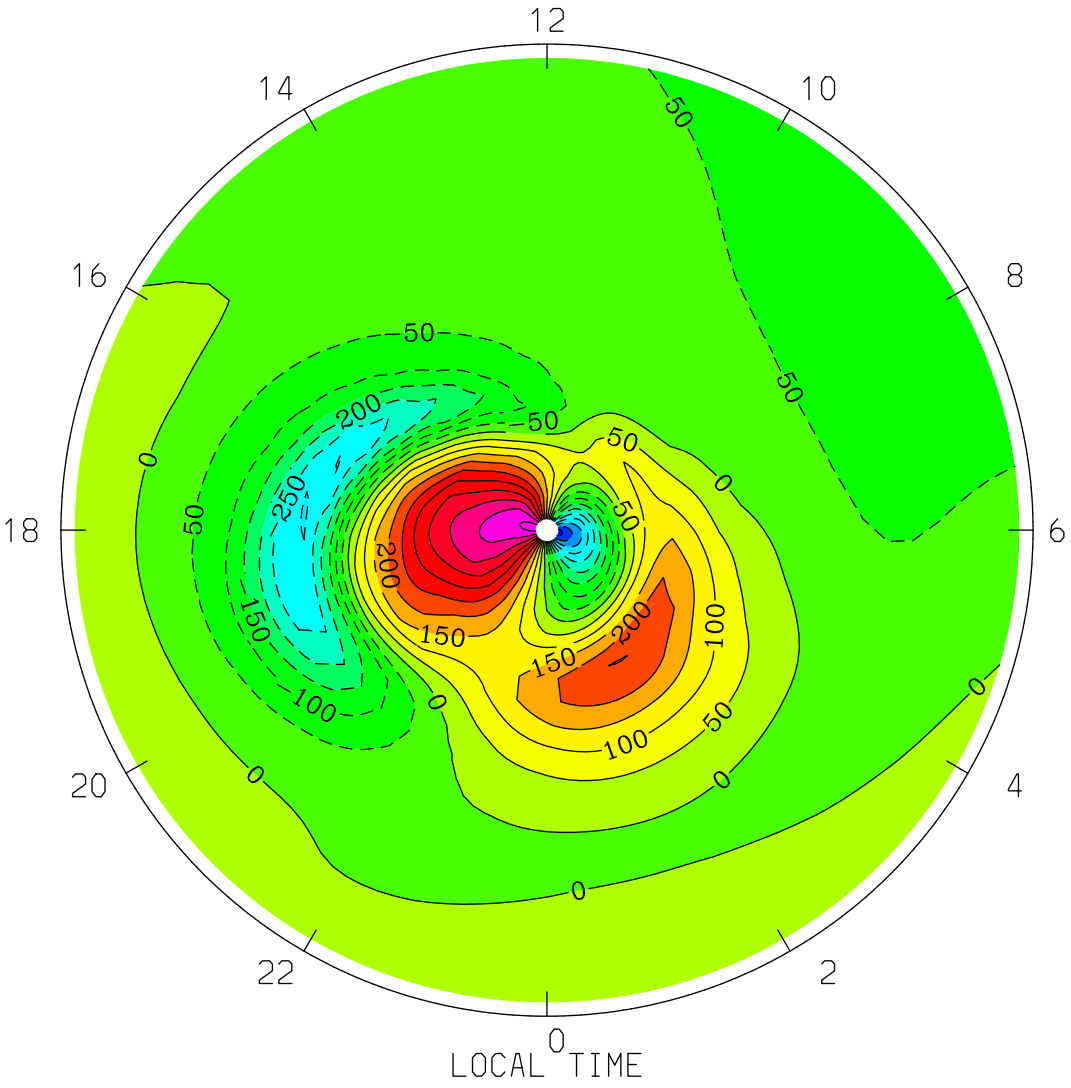

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 365.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.2458E+02 5.2138E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

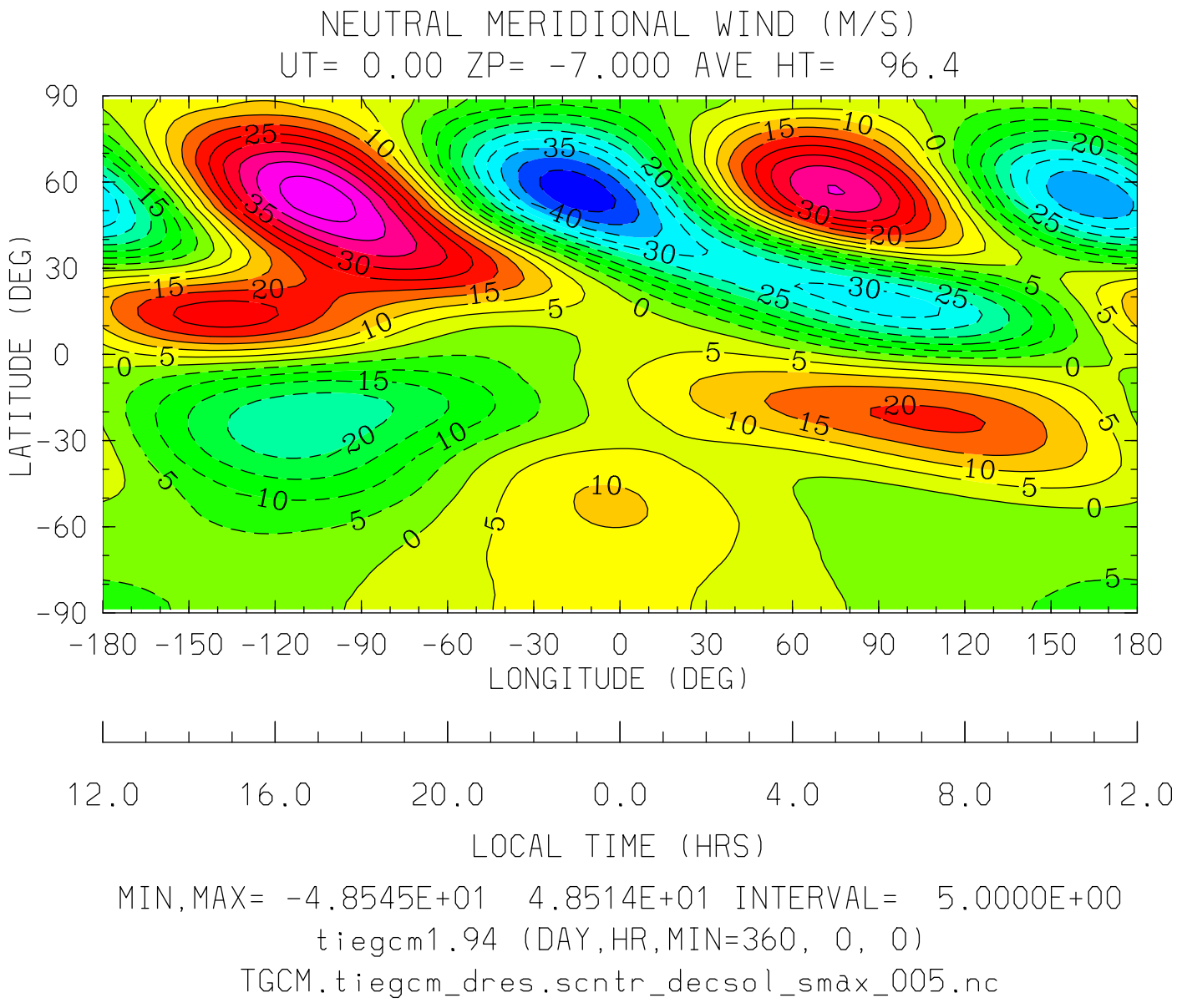


MIN,MAX= -5.2458E+02 8.4042E+01 INTERVAL= 5.0000E+01

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

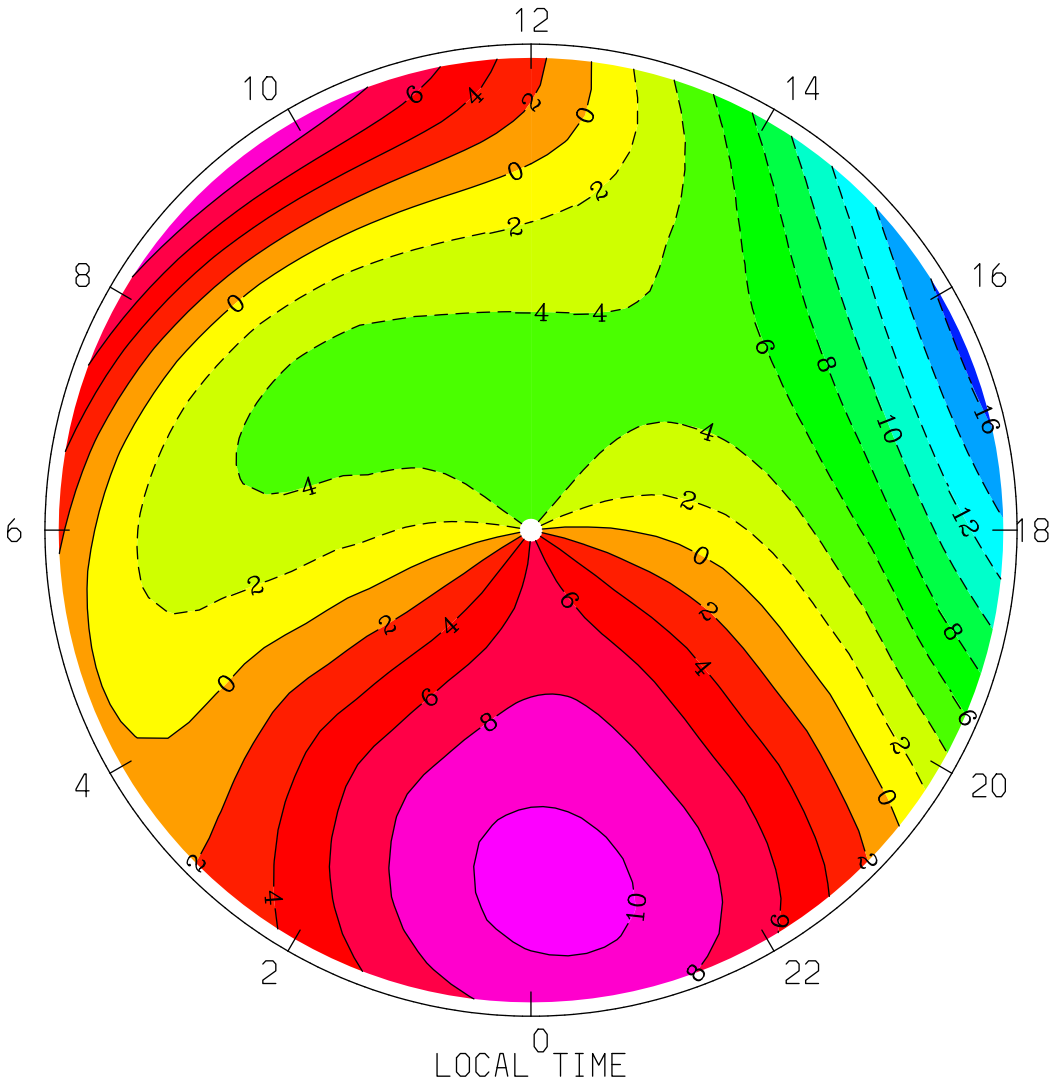

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 365.3 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -4.7053E+02 5.2138E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

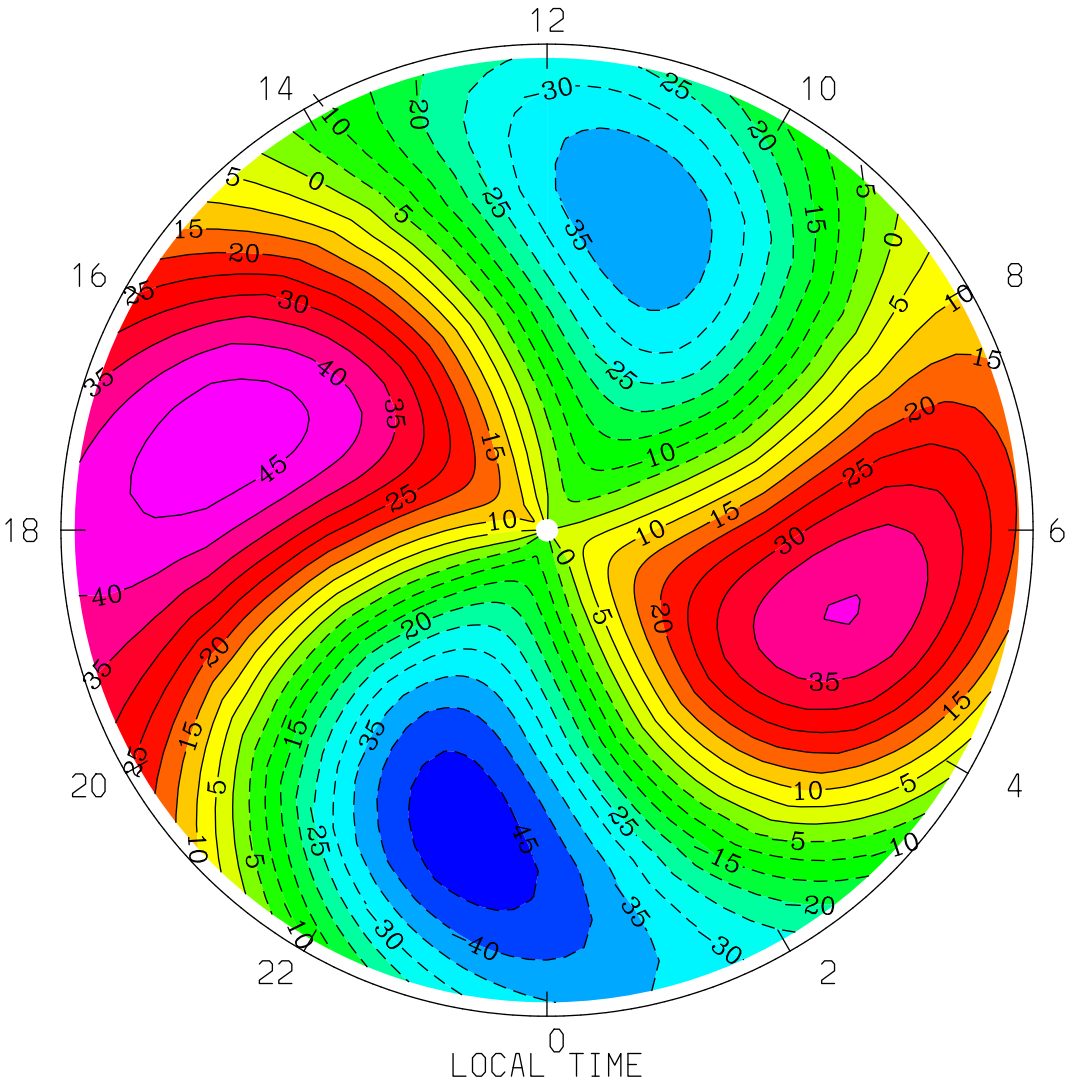


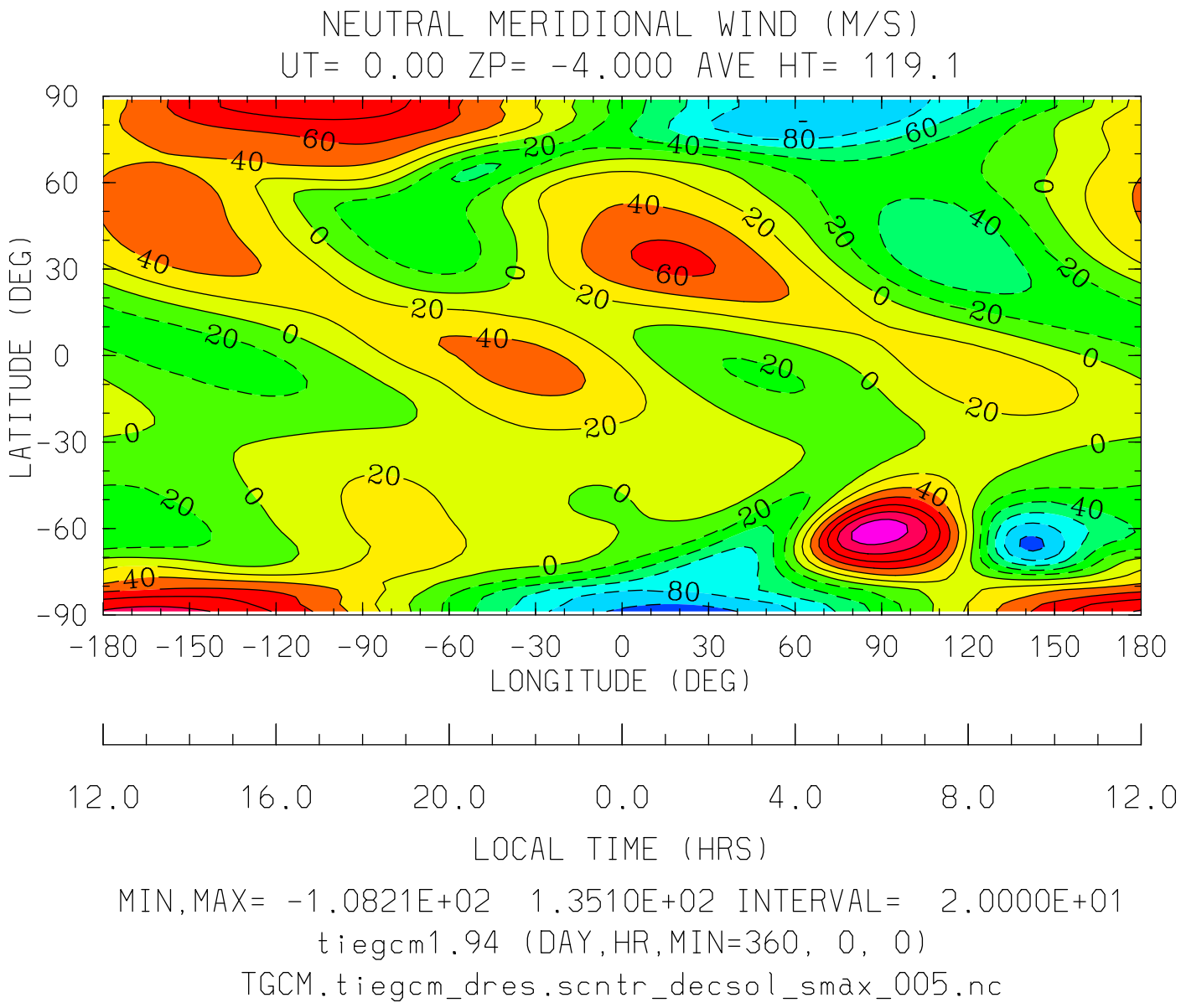
MIN,MAX= -4.8545E+01 4.8514E+01 INTERVAL= 5.0000E+00

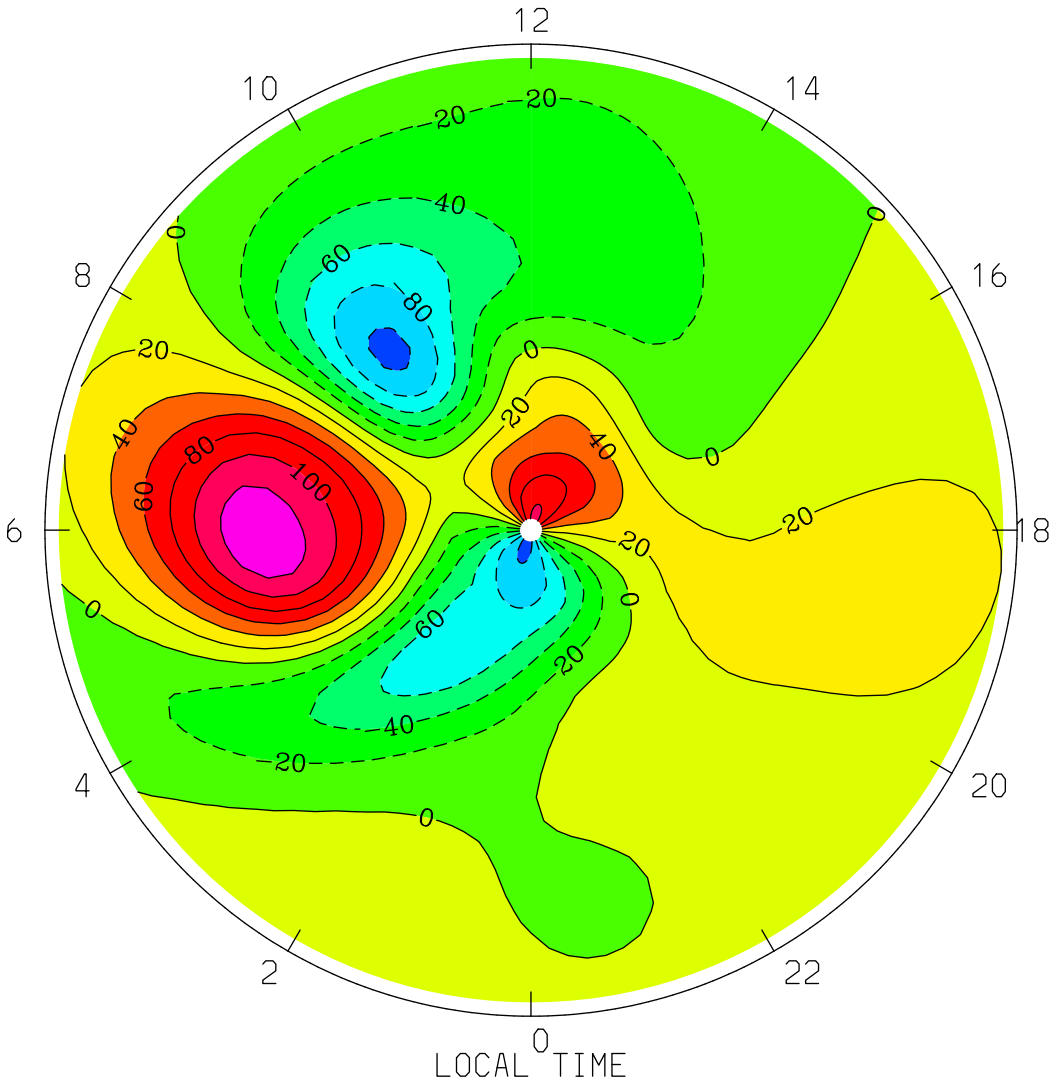
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

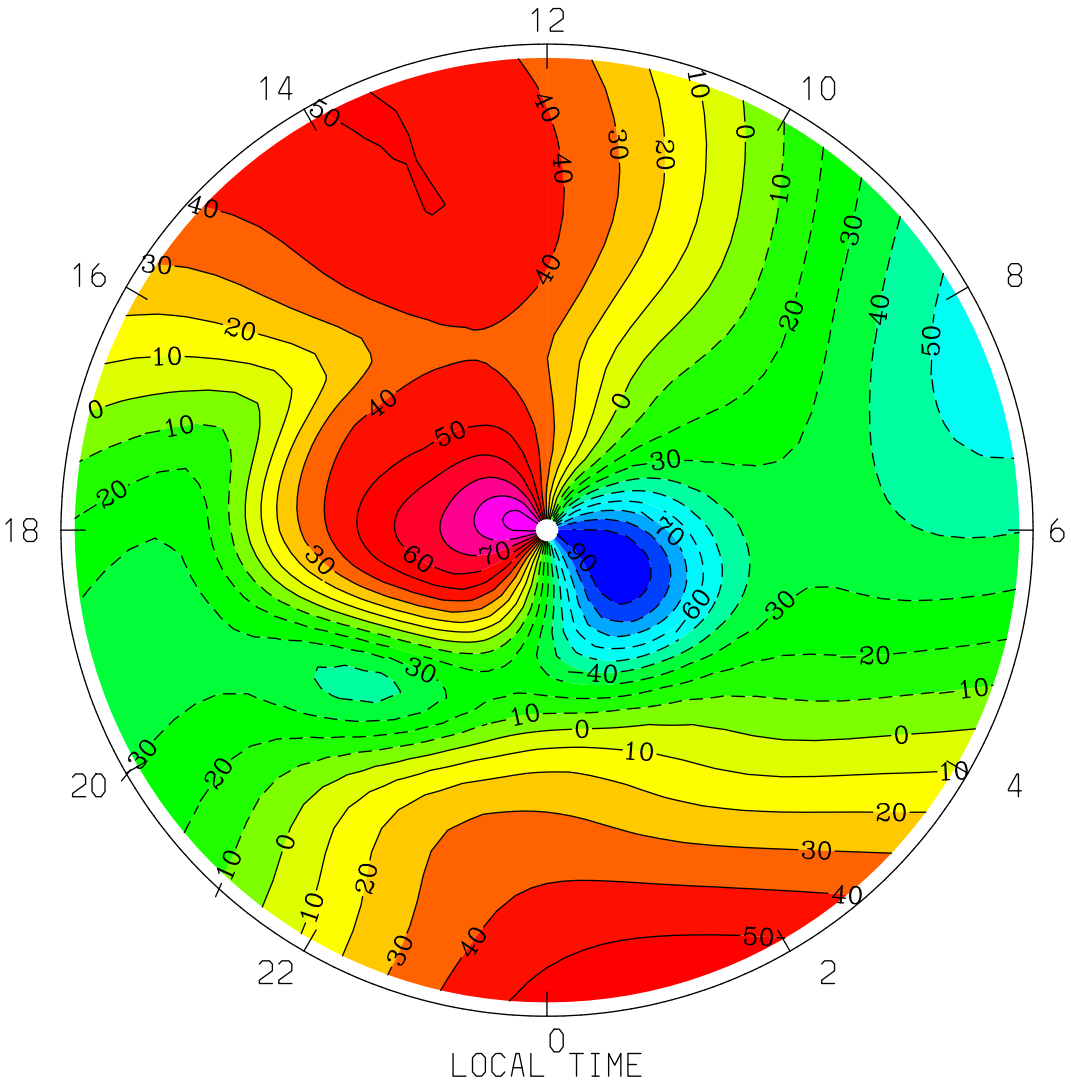
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

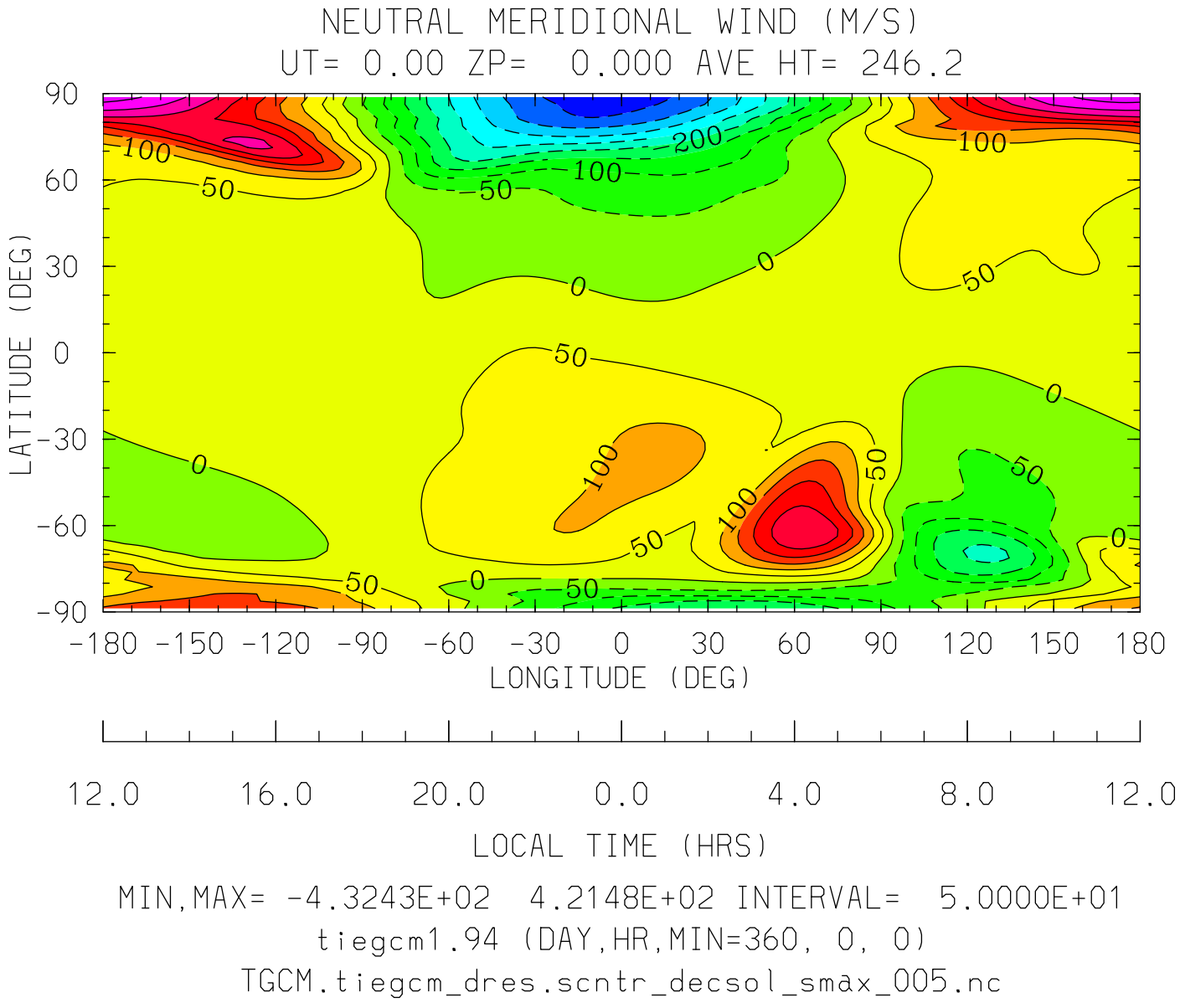

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -1.6603E+01 1.0628E+01 INTERVAL= 2.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

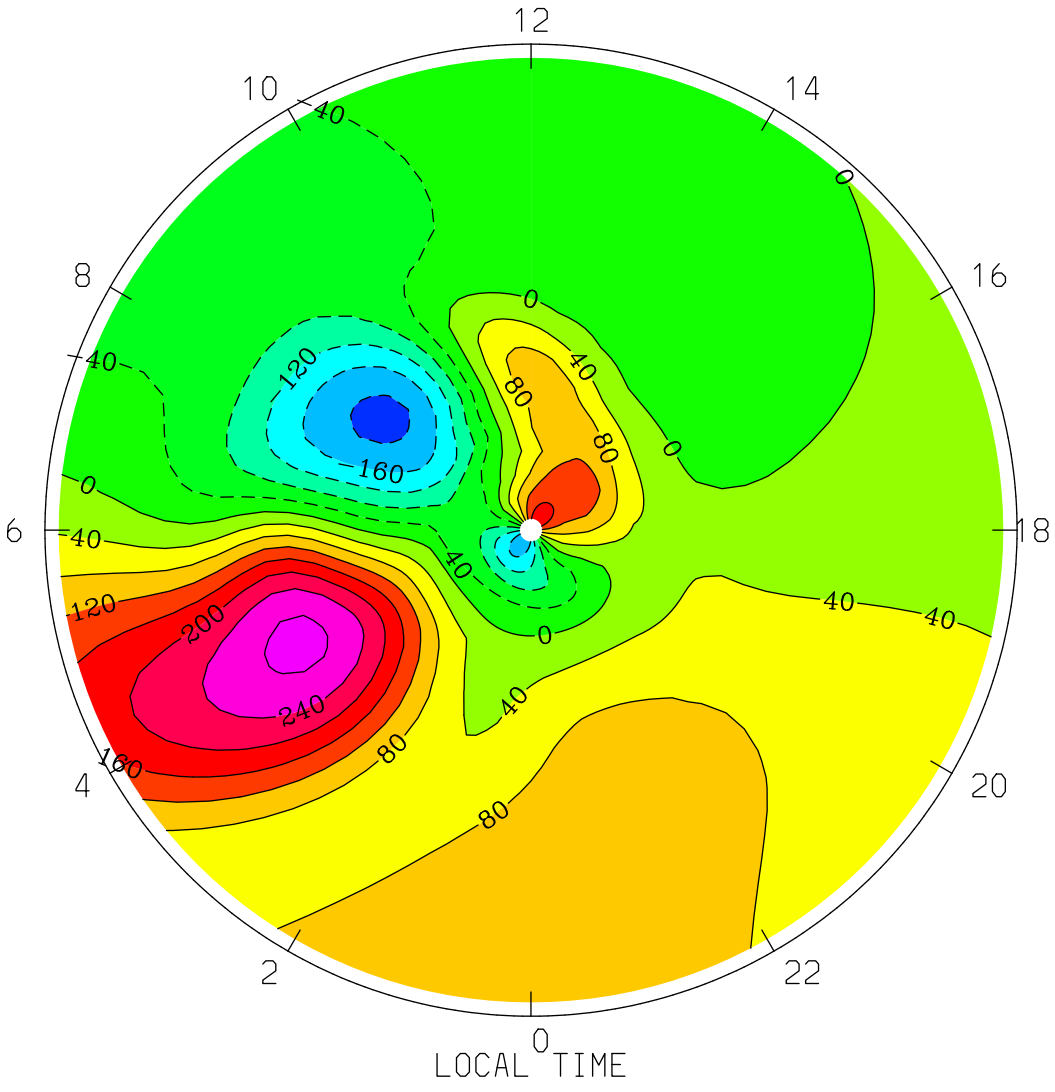

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -4.8545E+01 4.8514E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

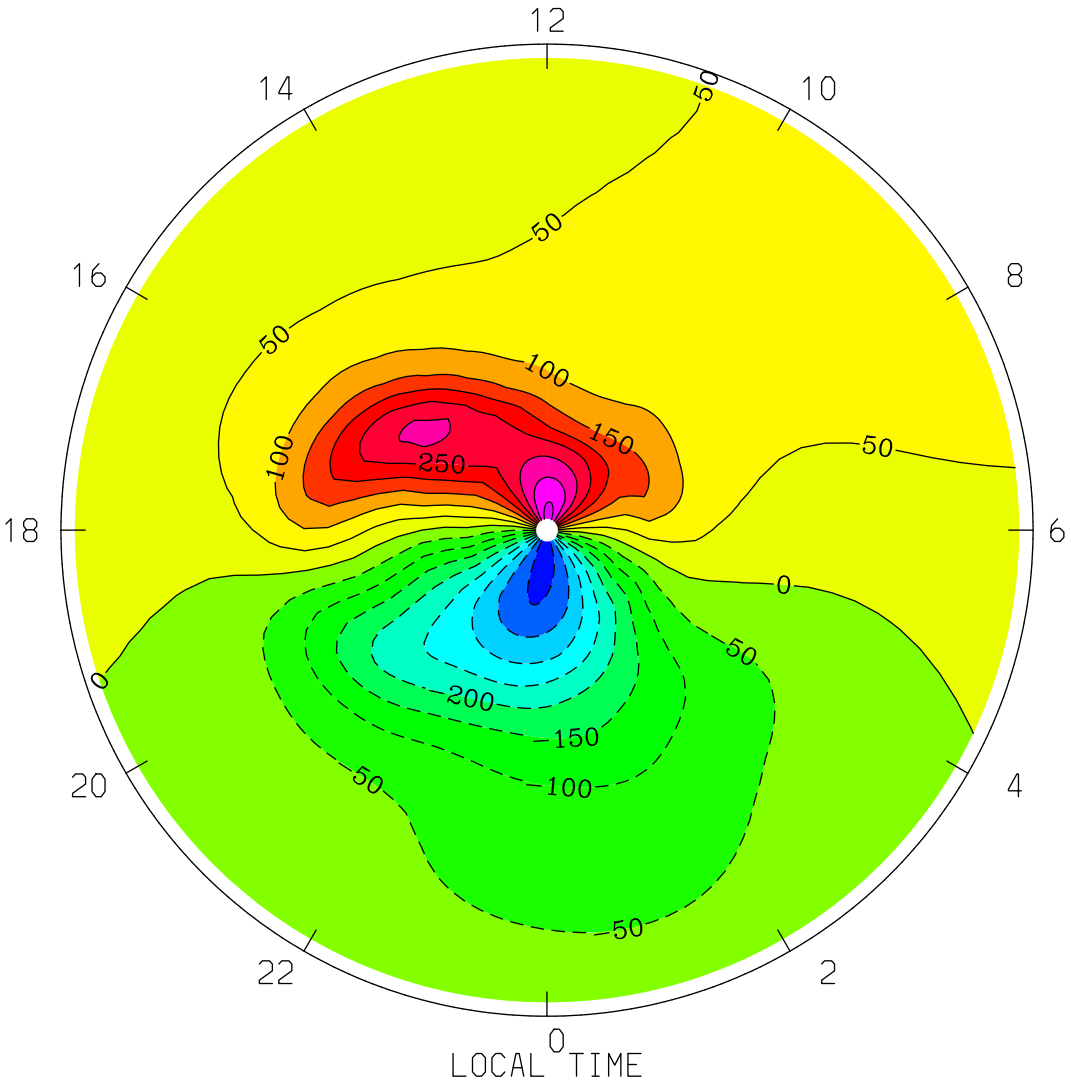

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 119.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.0821E+02 1.3510E+02 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 119.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -1.0821E+02 1.3510E+02 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 119.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -1.0006E+02 9.5467E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 246.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.3243E+02 4.2148E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

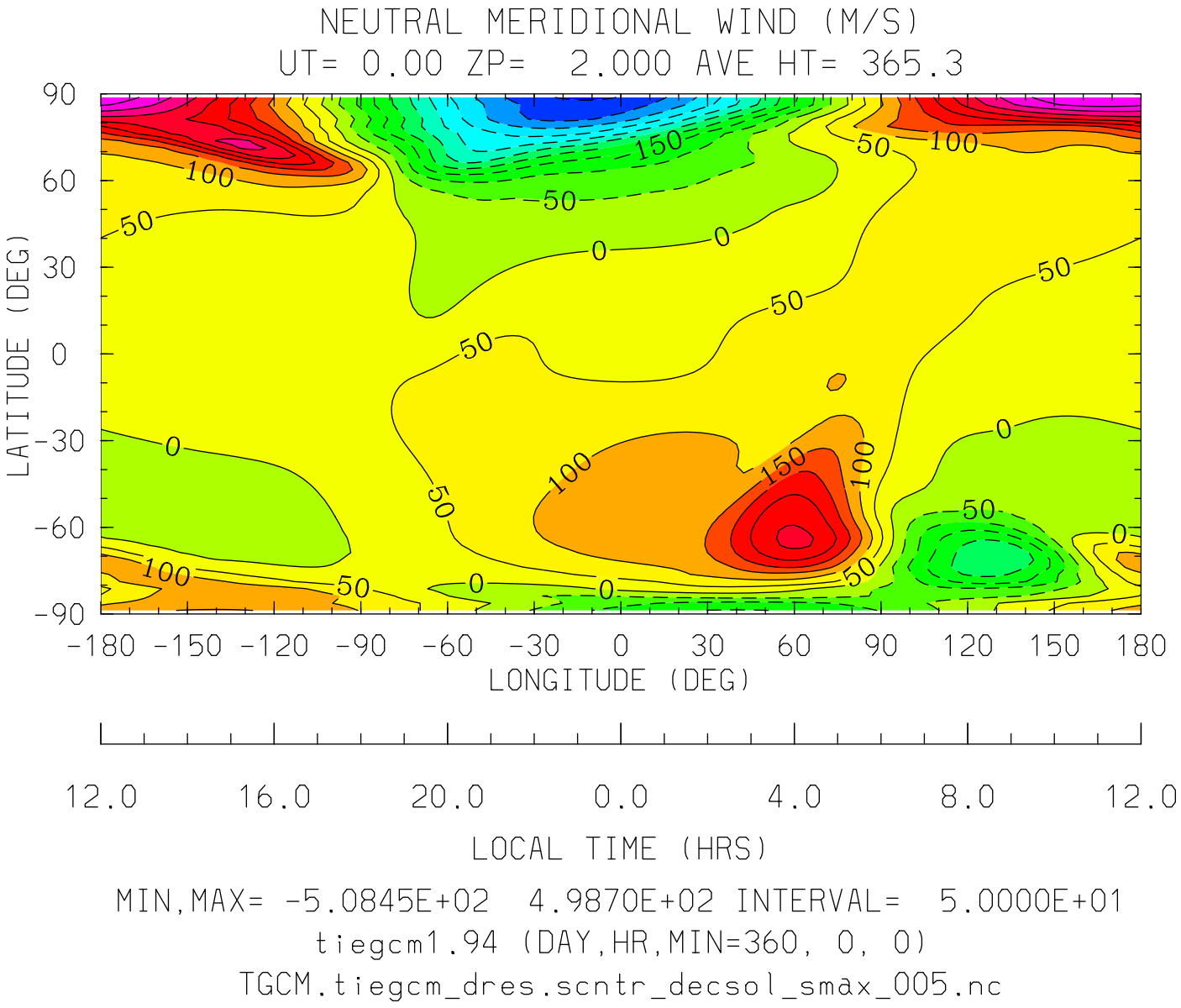

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 246.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -2.1190E+02 2.9063E+02 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

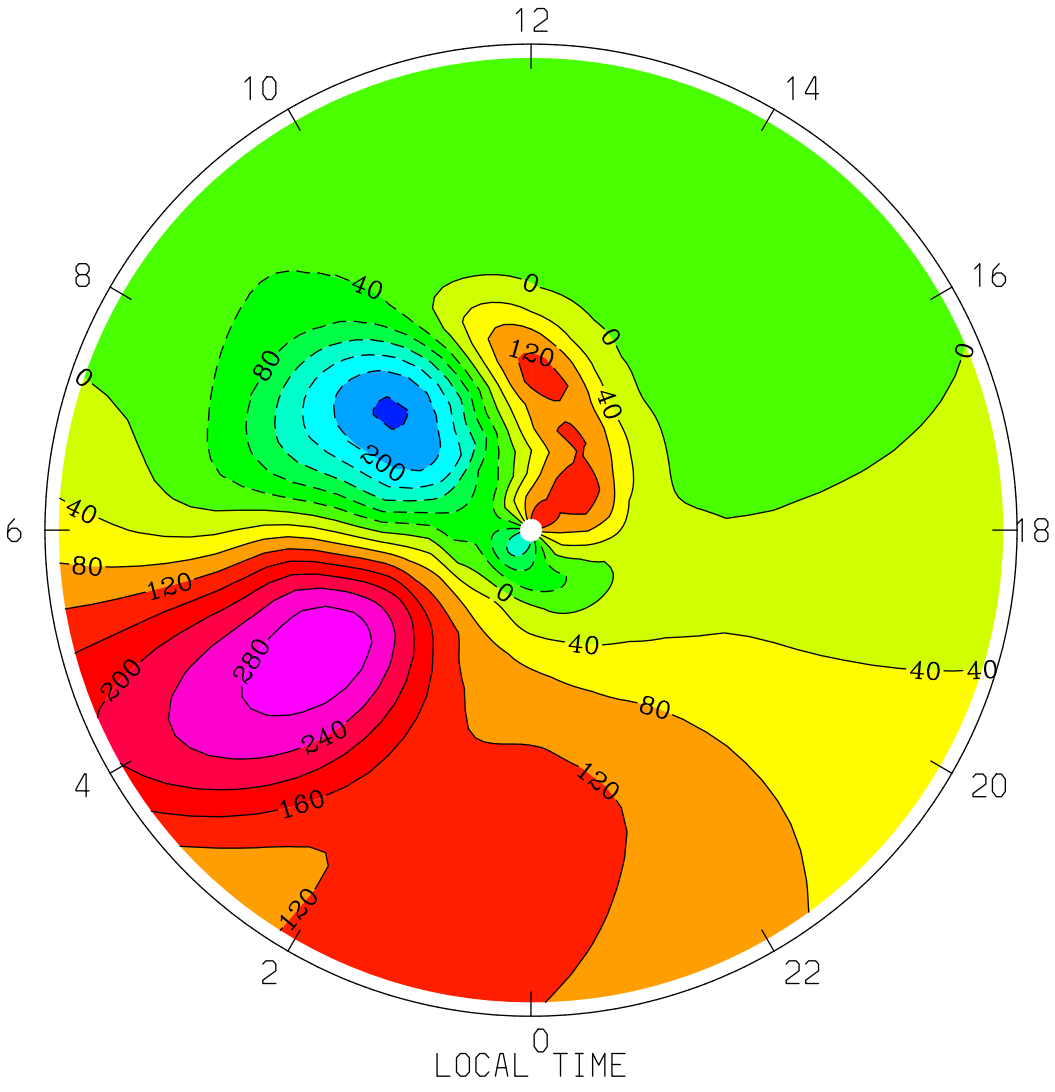


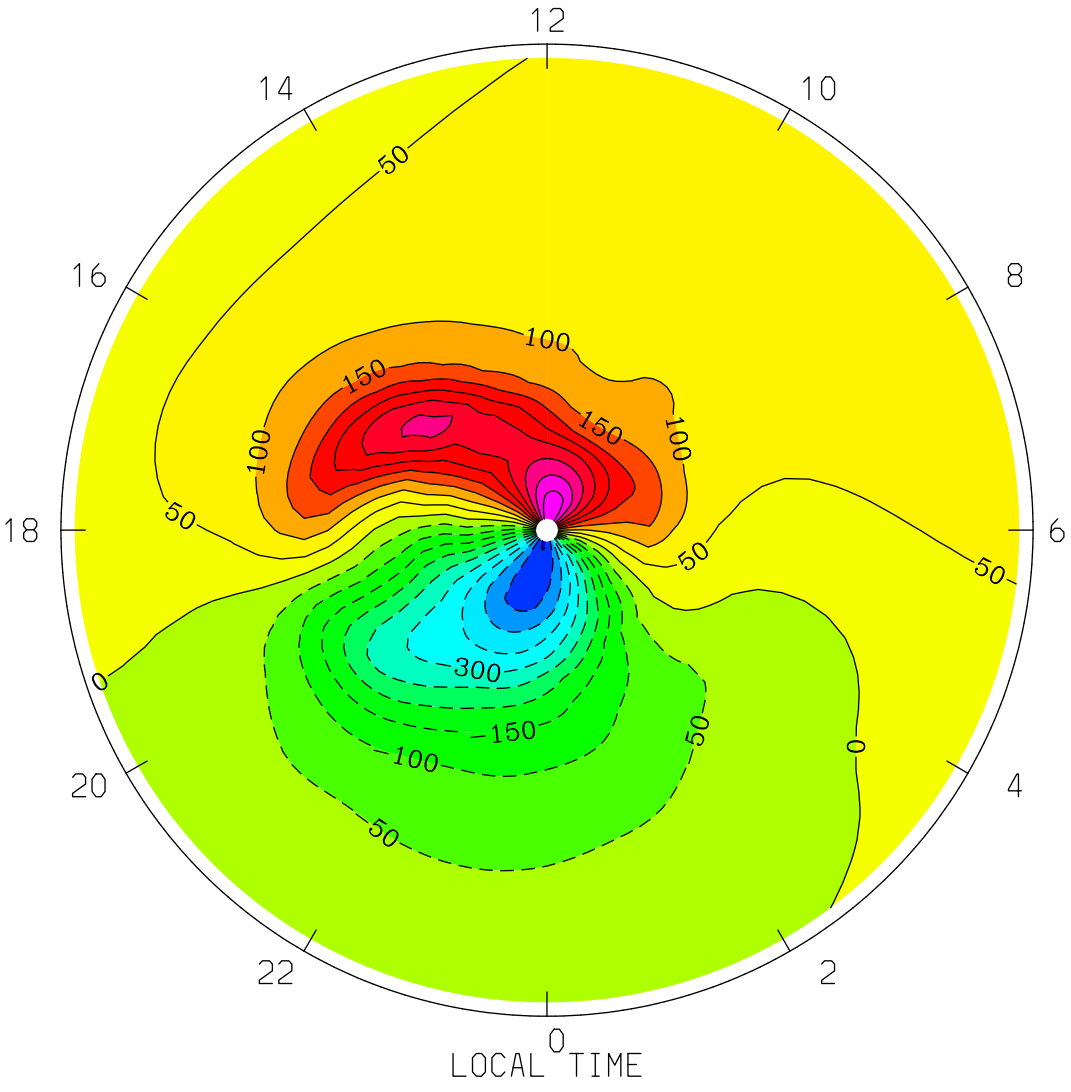
MIN,MAX= -4.3243E+02 4.2148E+02 INTERVAL= 5.0000E+01

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 365.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.0845E+02 4.9870E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

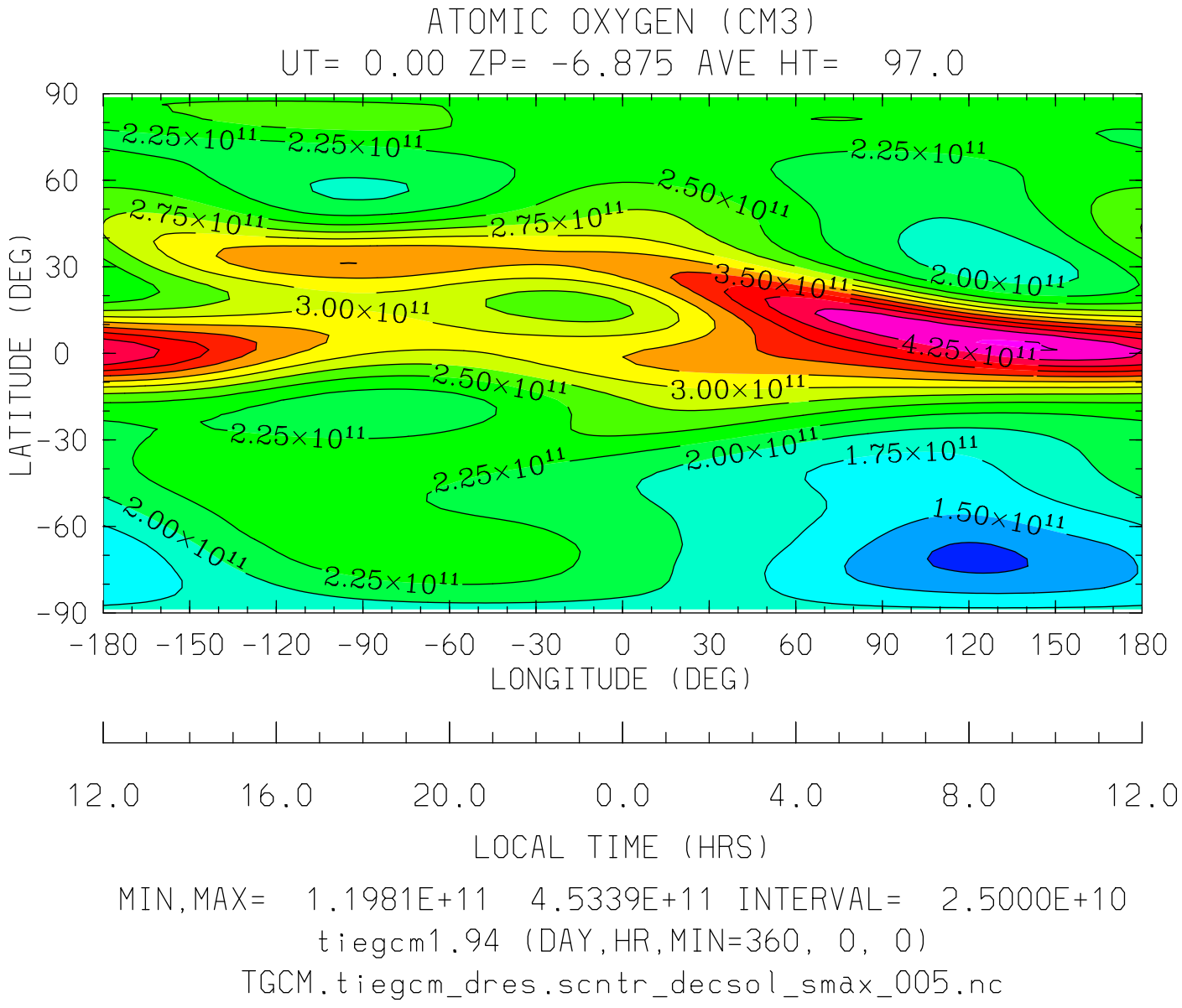

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 365.3 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -2.4449E+02 3.1233E+02 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= -5.0845E+02 4.9870E+02 INTERVAL= 5.0000E+01

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

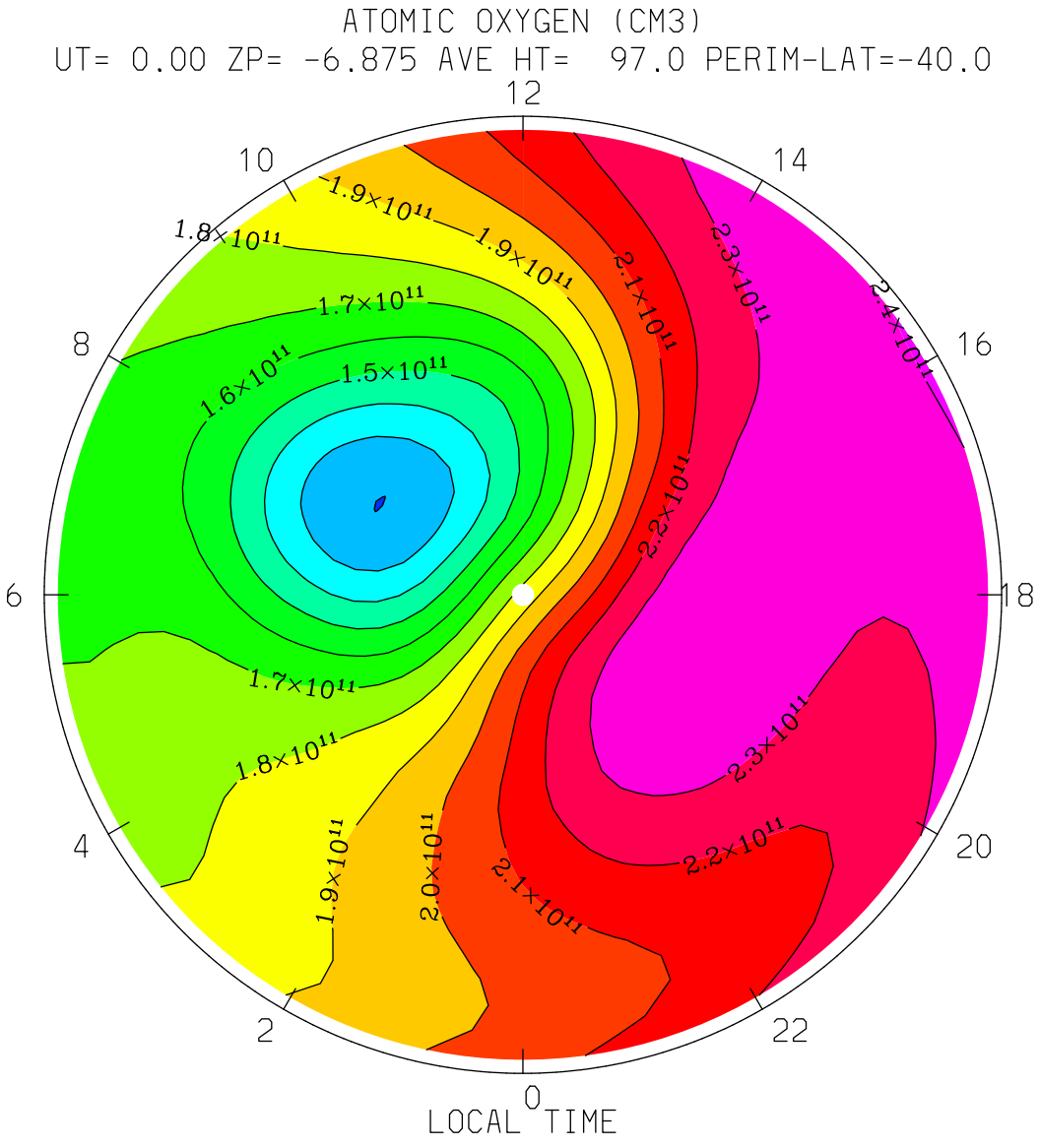
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.1981E+11 4.5339E+11 INTERVAL= 2.5000E+10

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

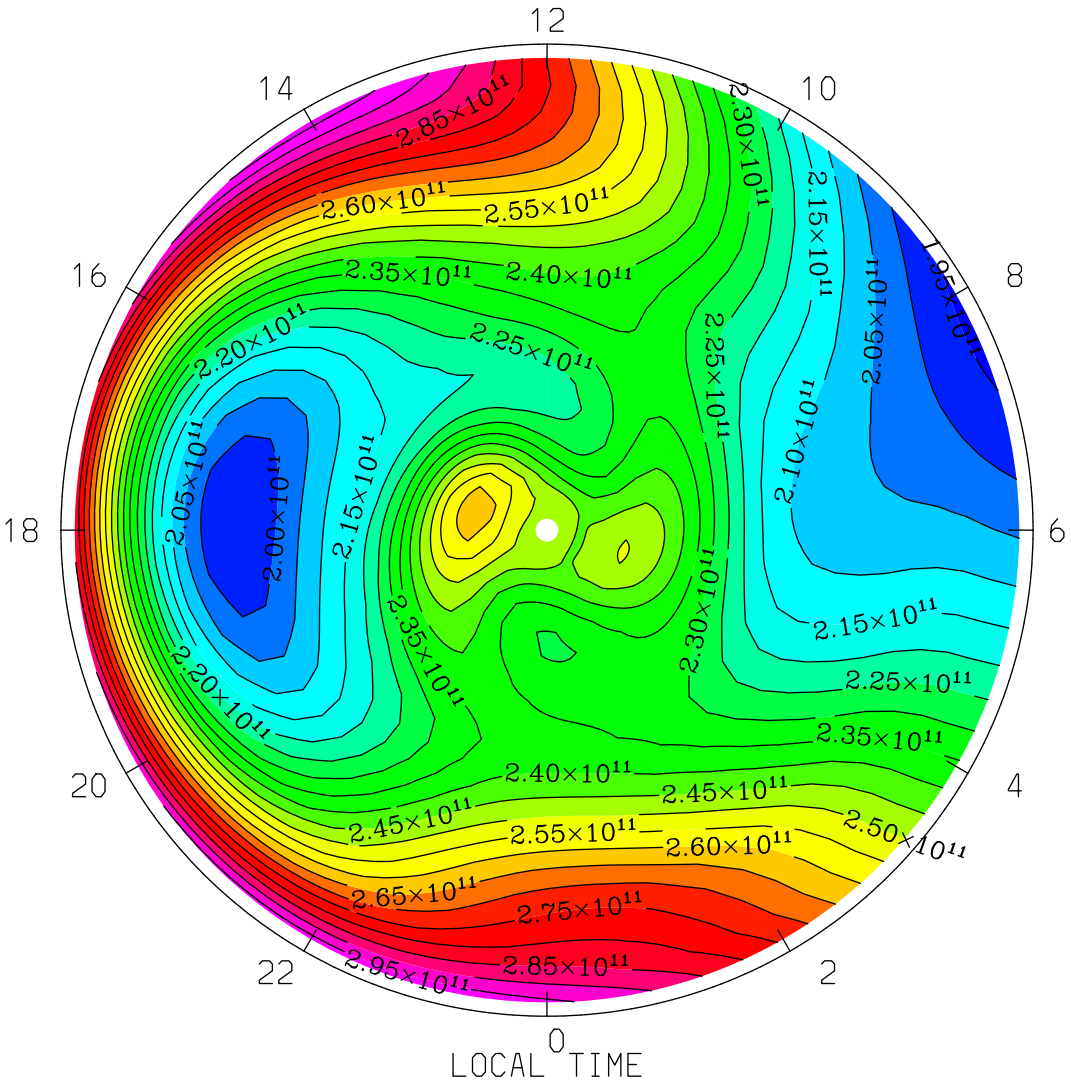
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.1981E+11 2.4041E+11 INTERVAL= 1.0000E+10

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

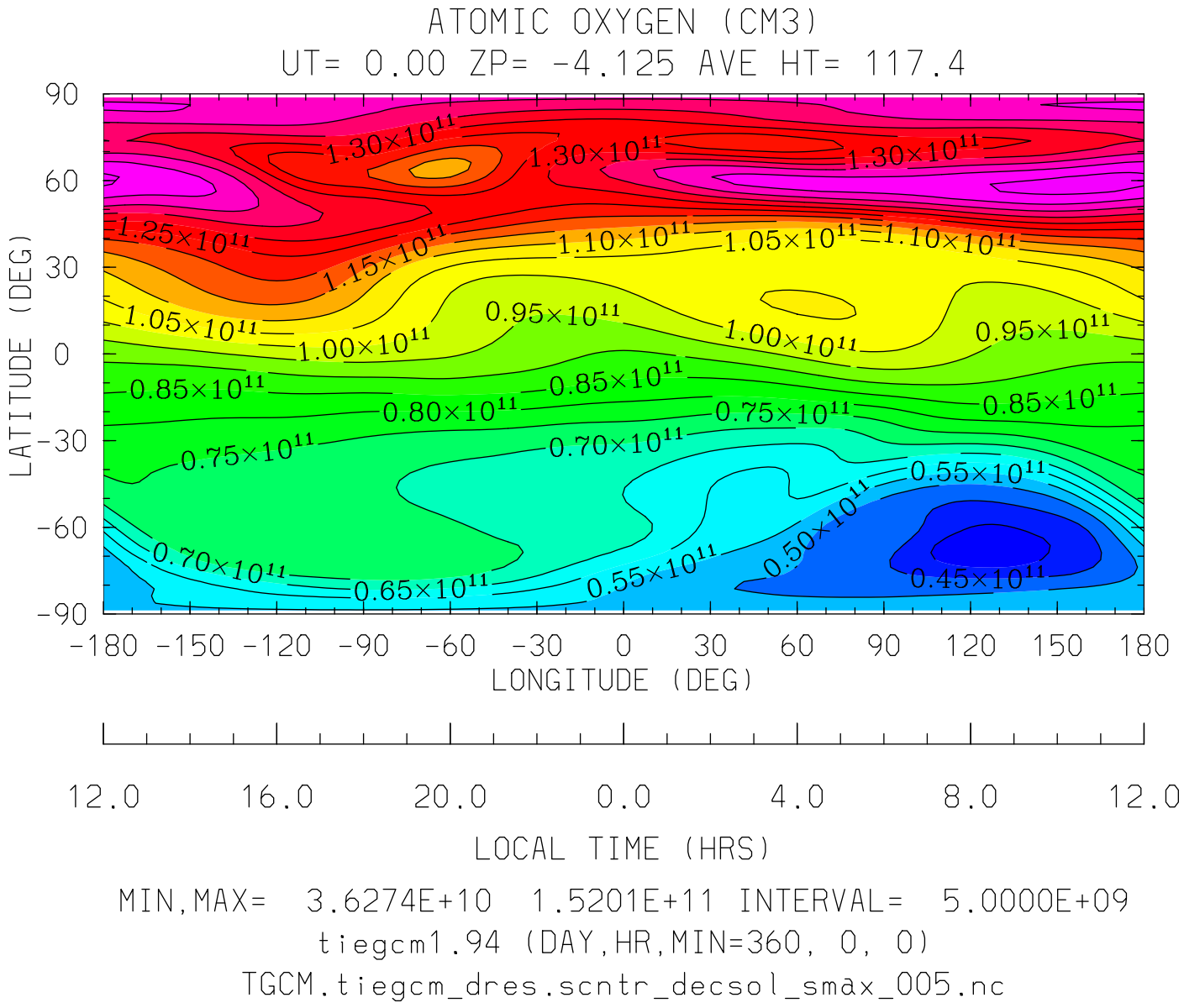
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.9375E+11 3.0230E+11 INTERVAL= 5.0000E+09

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

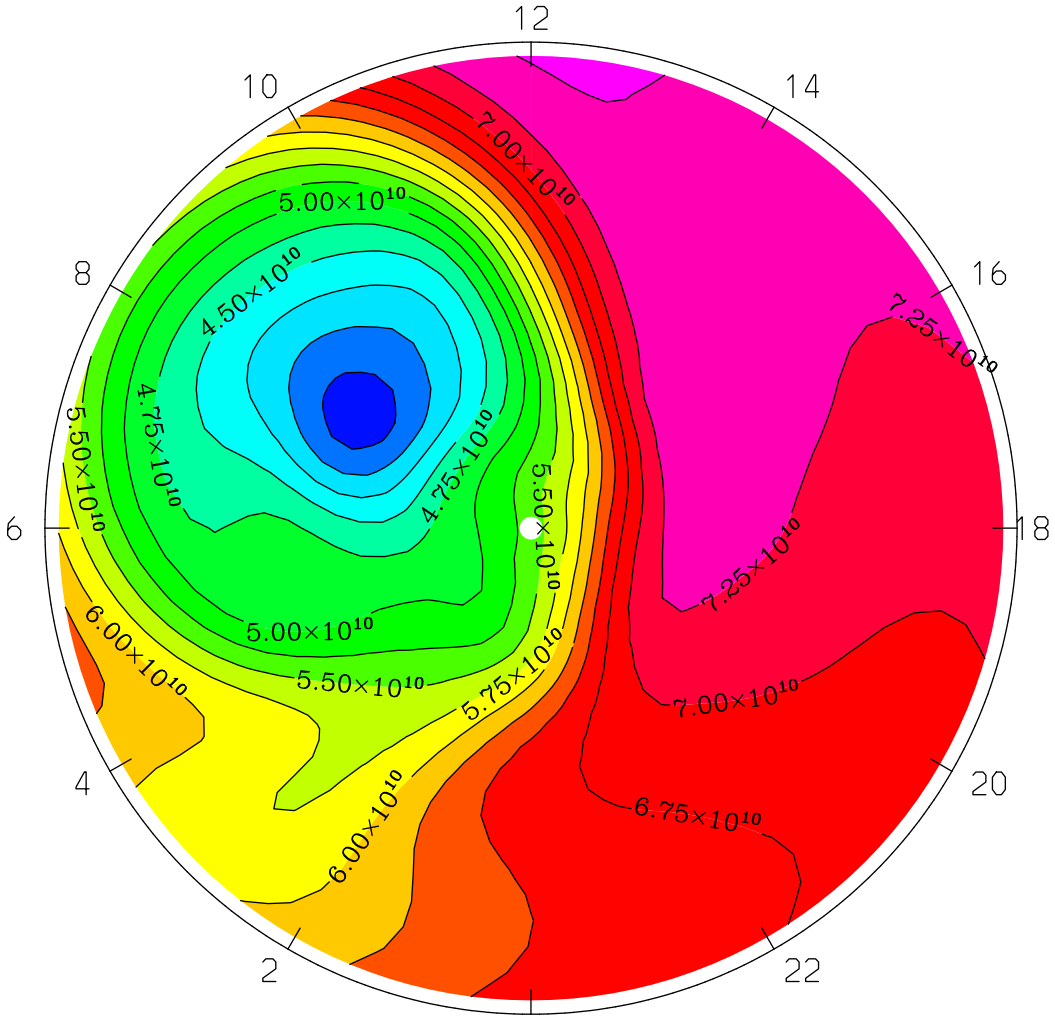


MIN,MAX= 3.6274E+10 1.5201E+11 INTERVAL= 5.0000E+09

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

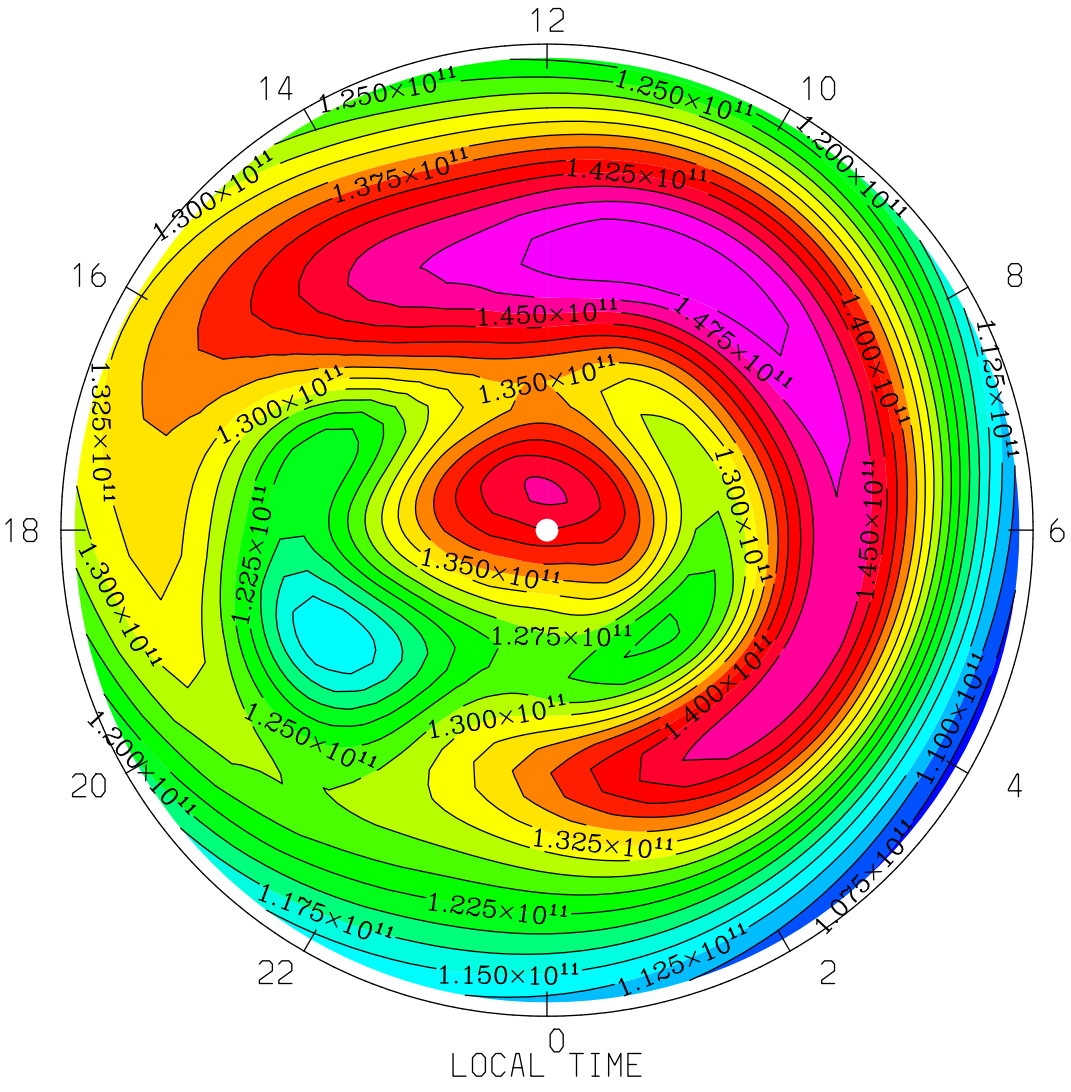
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

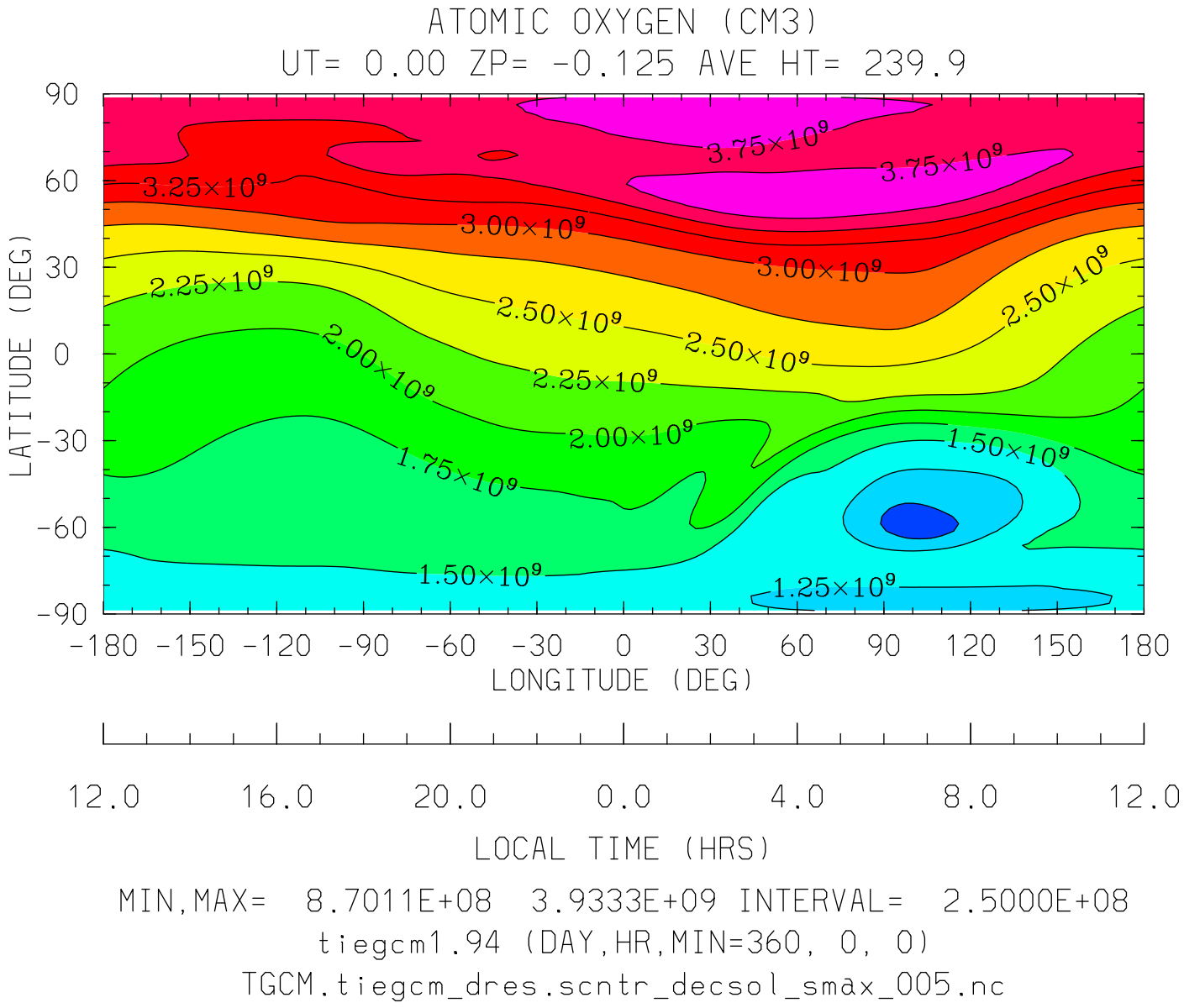
ATOMIC OXYGEN (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.4 PERIM-LAT=-40.0



LOCAL TIME

MIN,MAX= 3.6274E+10 7.5357E+10 INTERVAL= 2.5000E+09
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

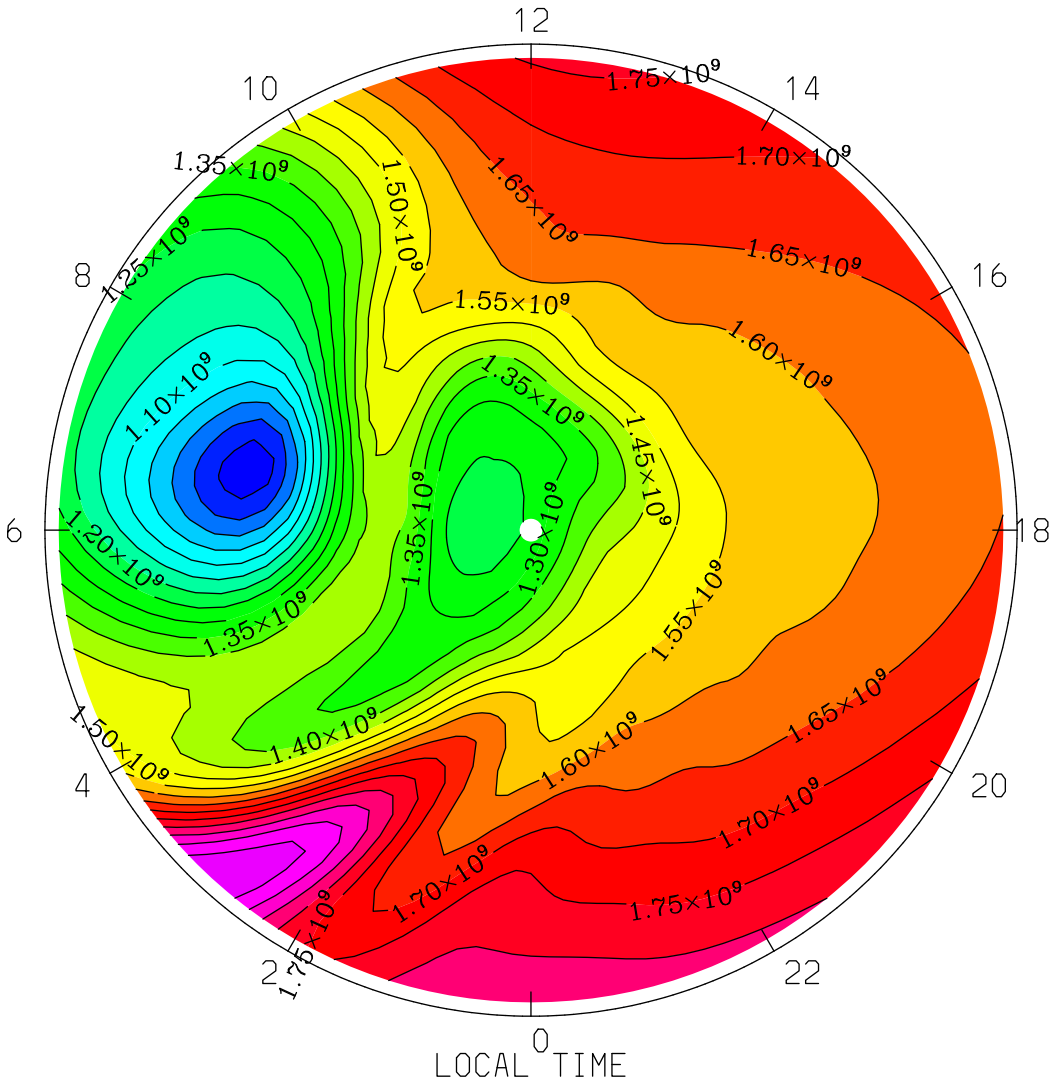

ATOMIC OXYGEN (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
1.250×10^11
1.300×10^11
1.375×10^11
1.425×10^11
1.200×10^11
1.450×10^11
1.475×10^11
1.400×10^11
1.125×10^11
1.350×10^11
1.325×10^11
1.225×10^11
1.275×10^11
1.175×10^11
1.150×10^11
1.100×10^11
1.075×10^11
LOCAL TIME
MIN,MAX= 1.0645E+11 1.5201E+11 INTERVAL= 2.5000E+09
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 8.7011E+08 3.9333E+09 INTERVAL= 2.5000E+08

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

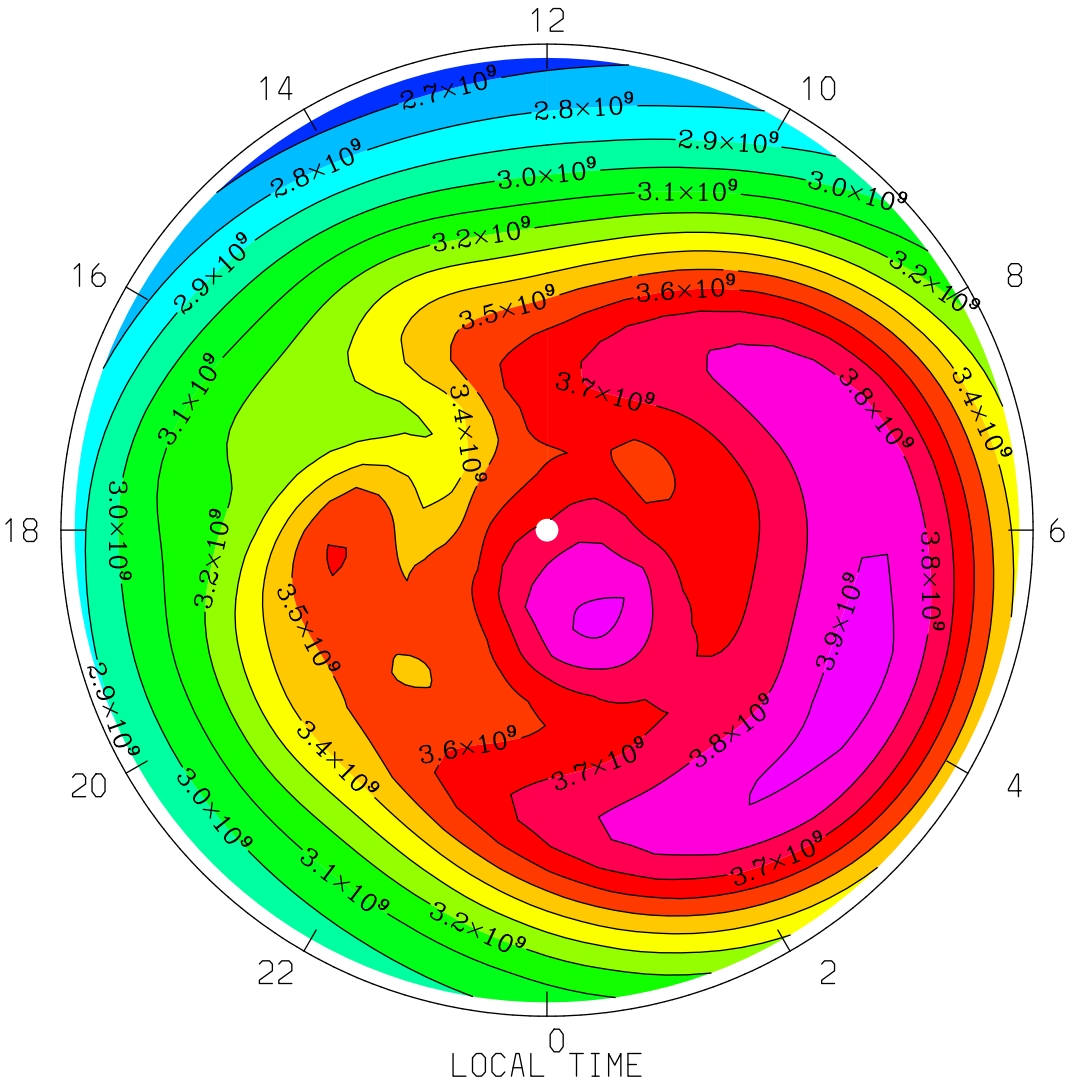
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 8.7011E+08 1.9980E+09 INTERVAL= 5.0000E+07

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

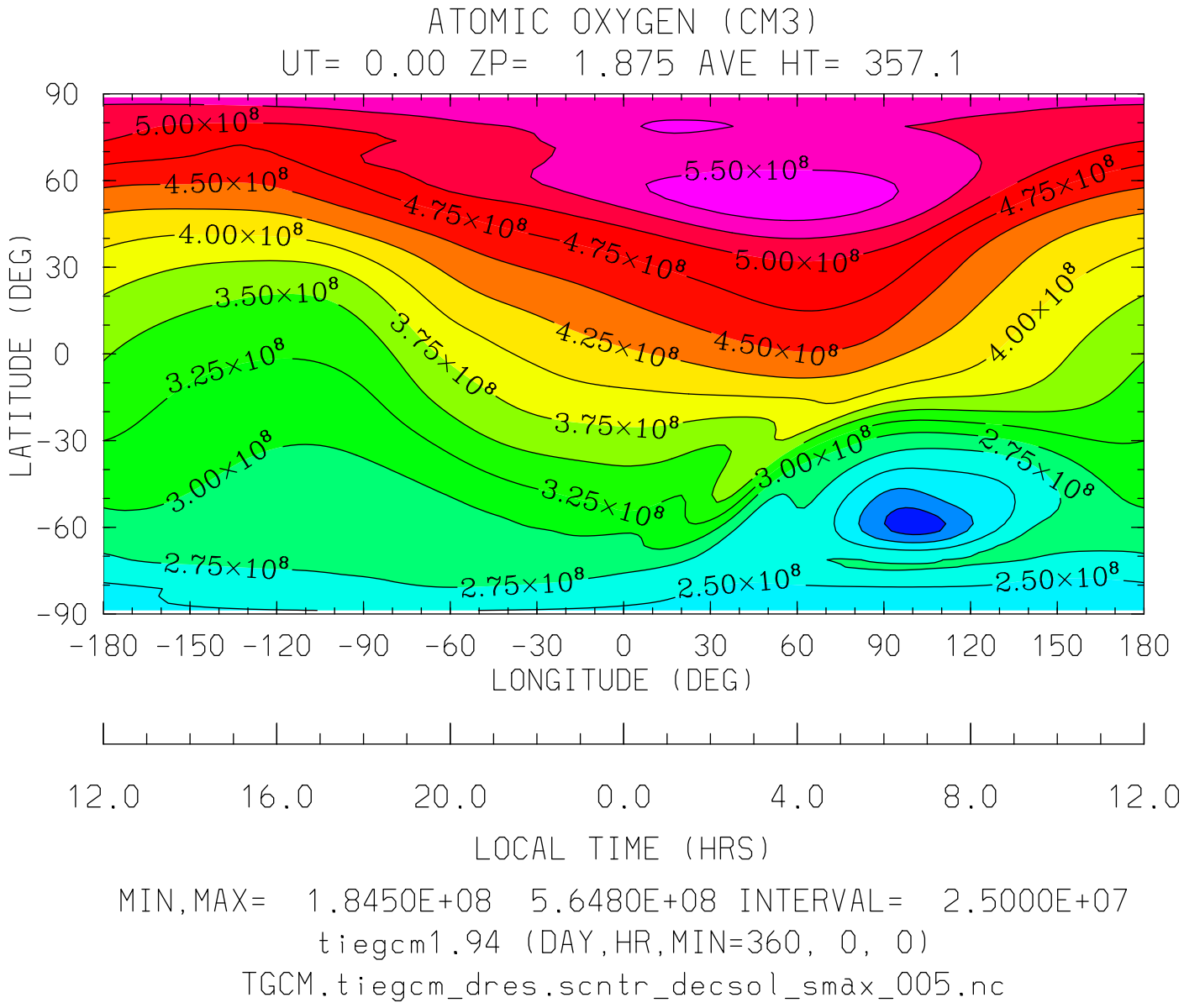
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 2.6458E+09 3.9333E+09 INTERVAL= 1.0000E+08

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

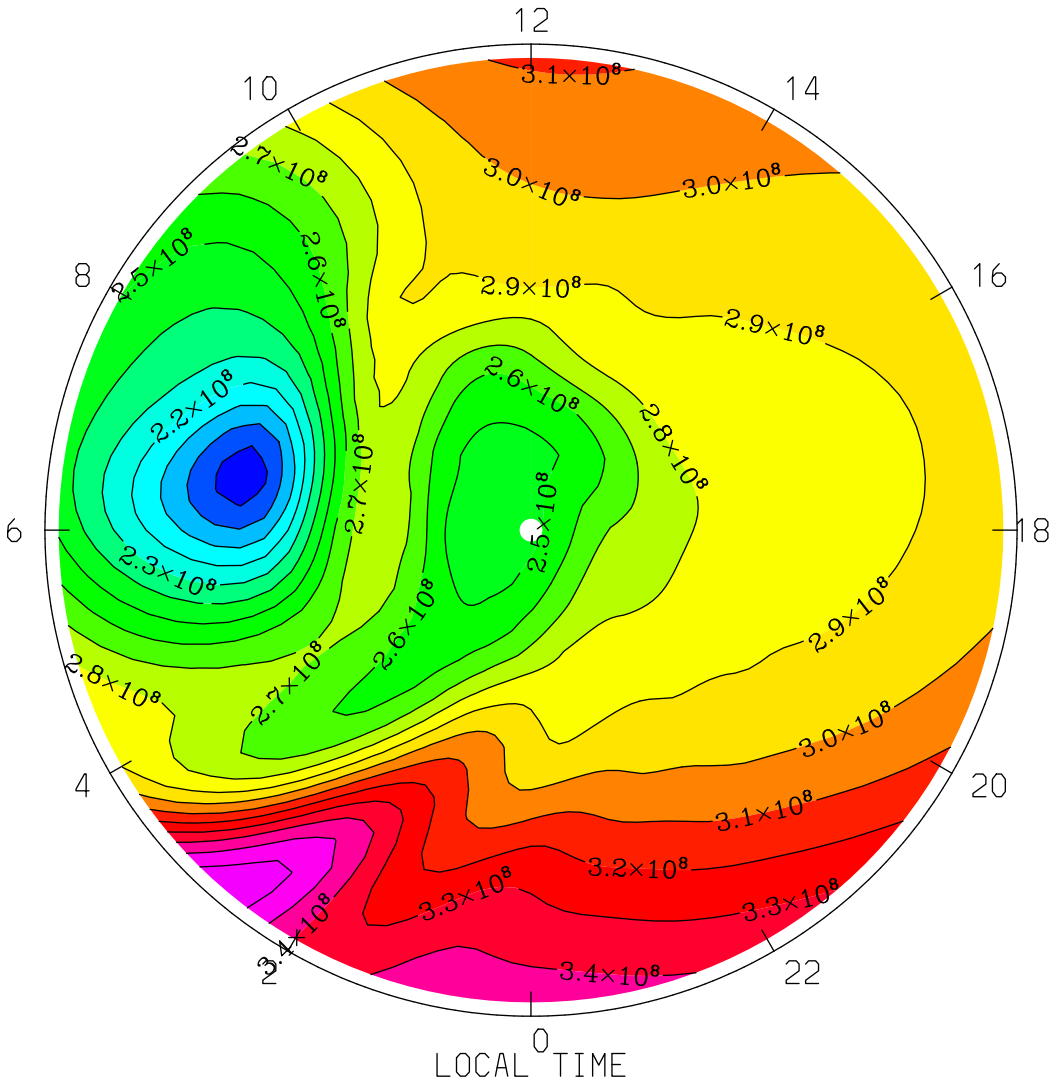
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.8450E+08 5.6480E+08 INTERVAL= 2.5000E+07

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

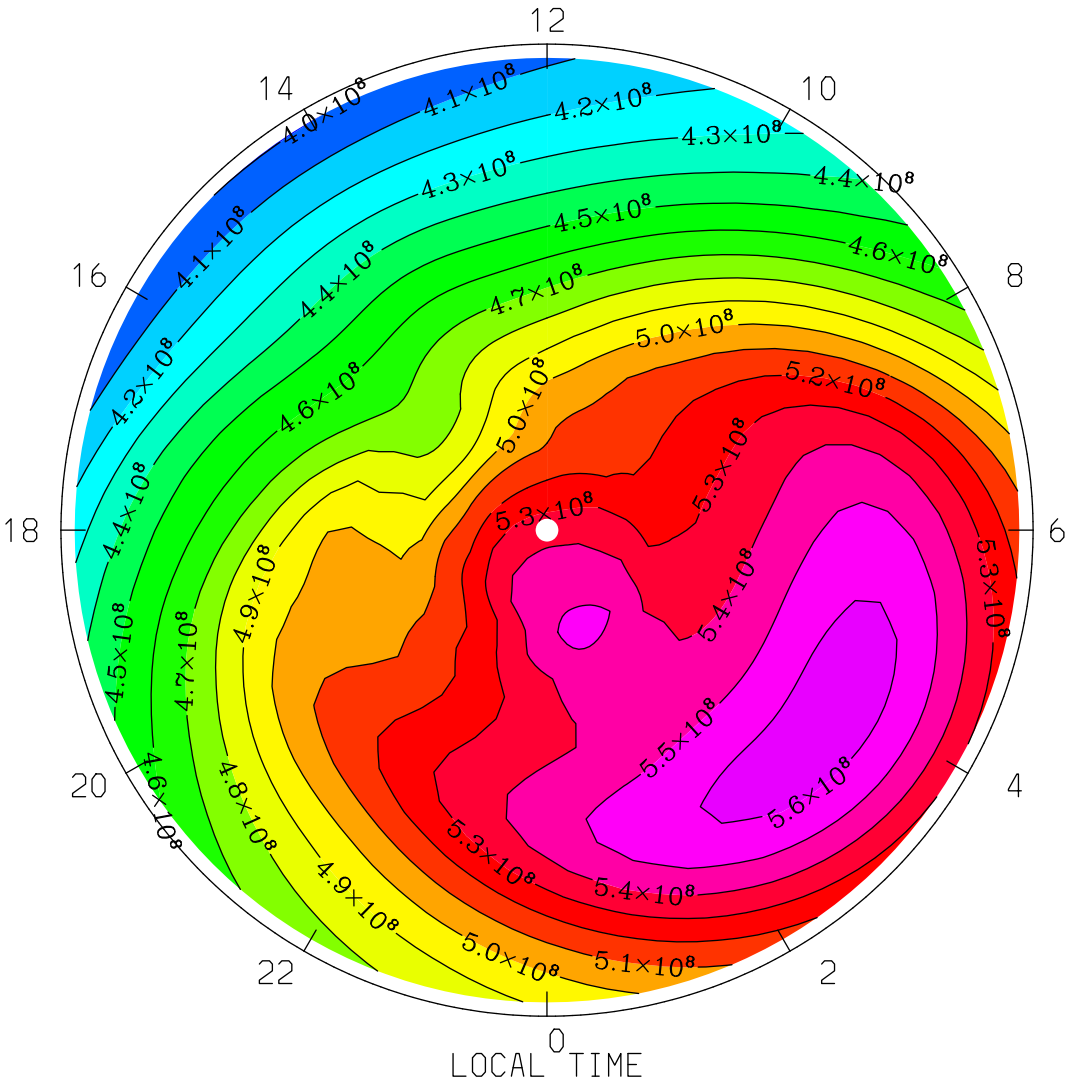
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.8450E+08 3.6612E+08 INTERVAL= 1.0000E+07

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

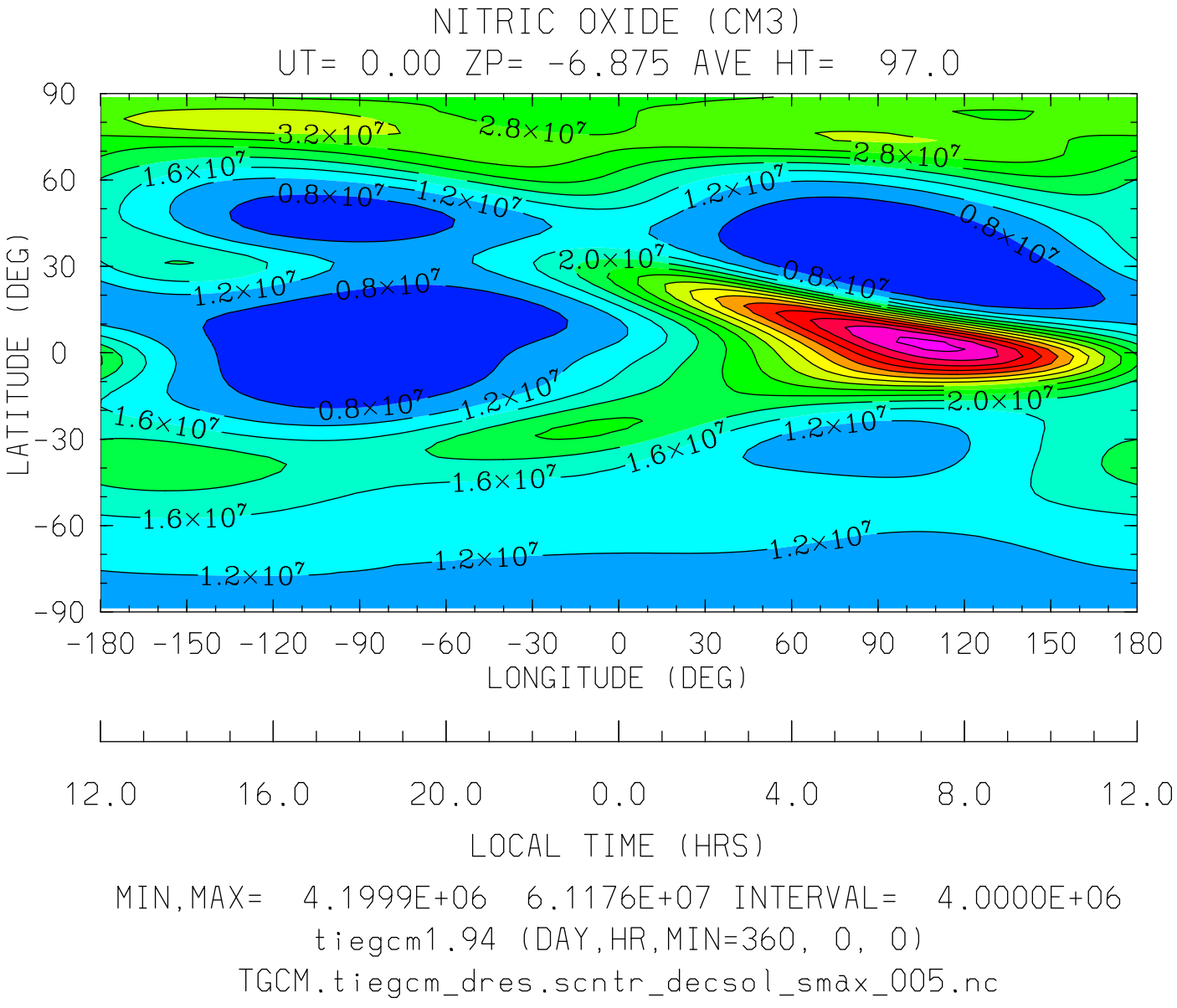
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 3.9967E+08 5.6480E+08 INTERVAL= 1.0000E+07

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

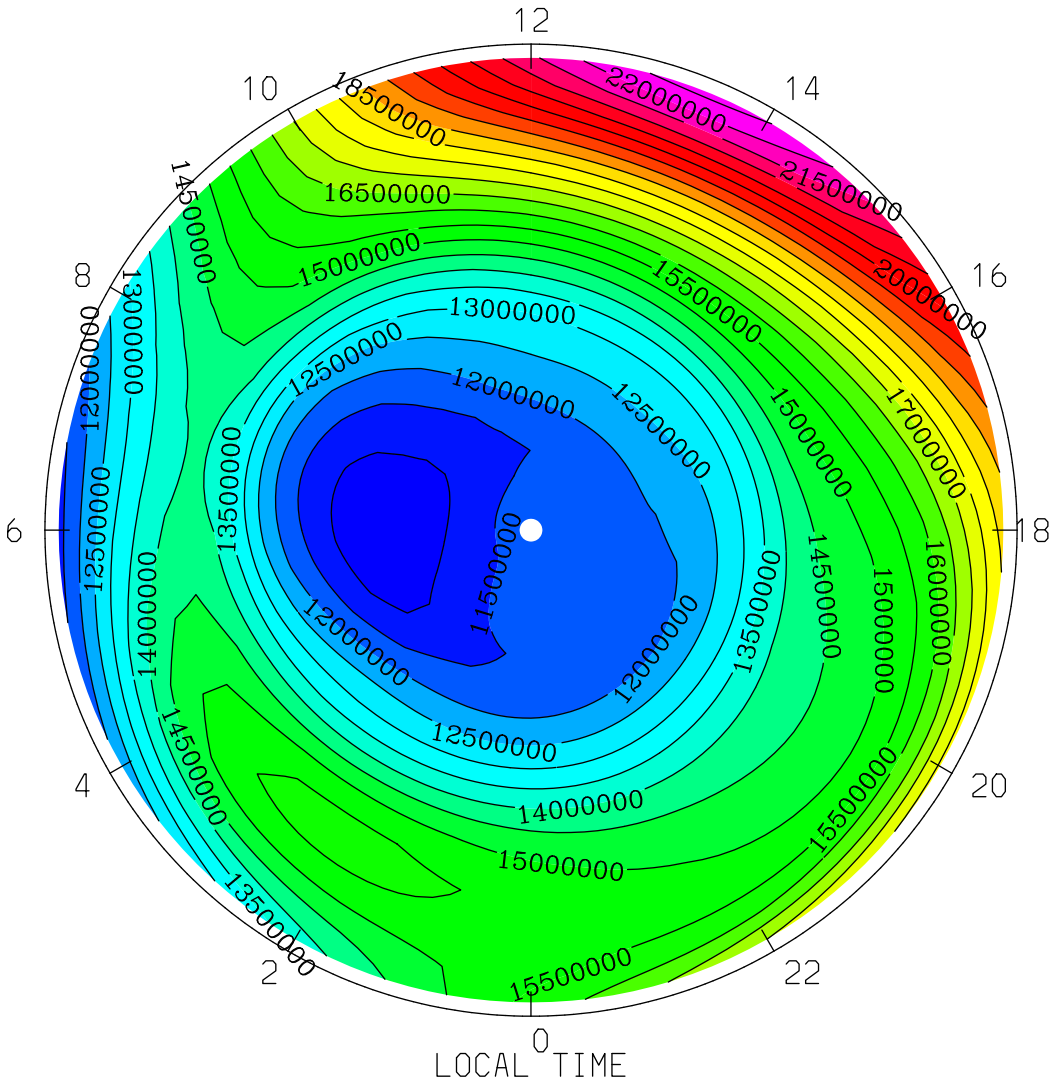
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

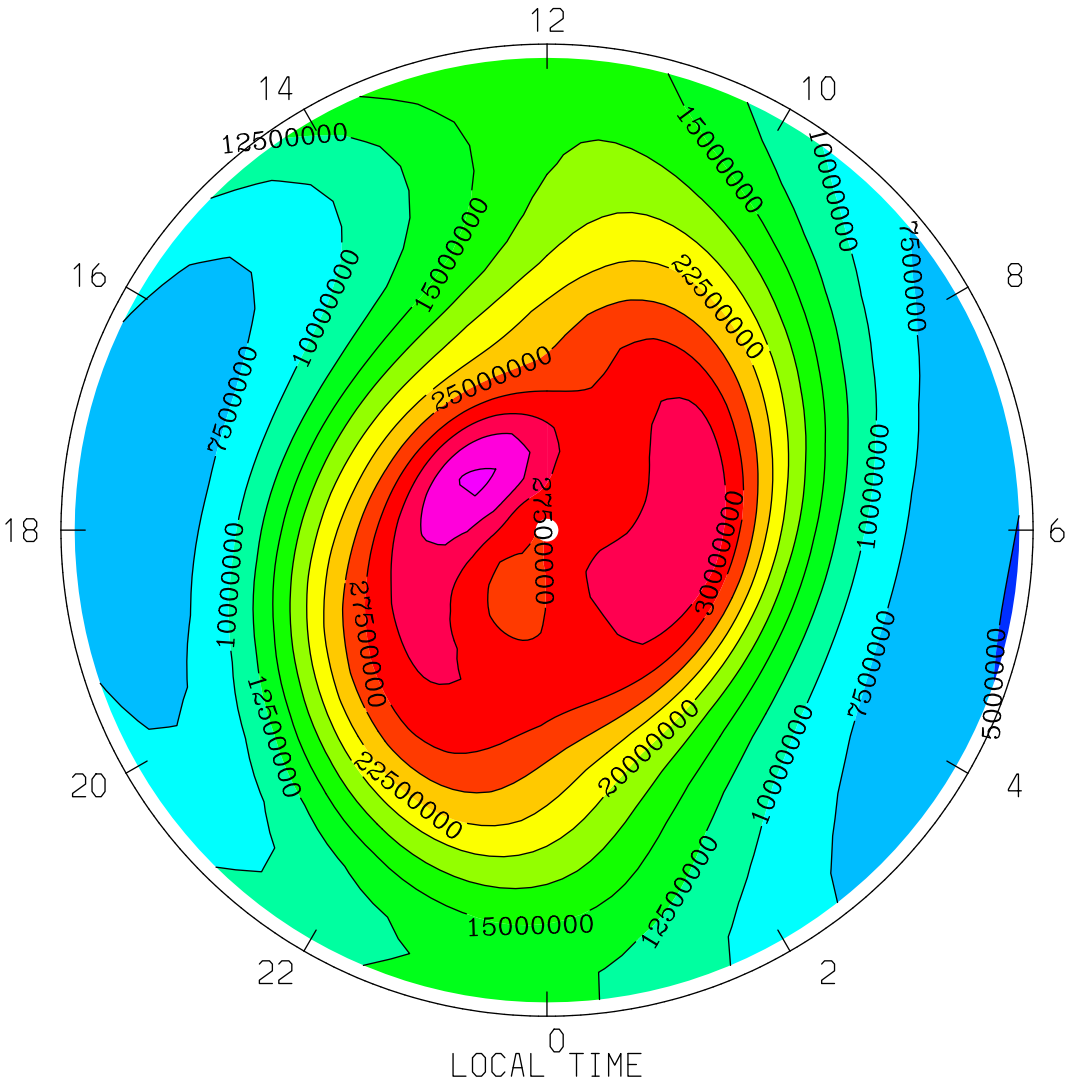


MIN,MAX= 4.1999E+06 6.1176E+07 INTERVAL= 4.0000E+06

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

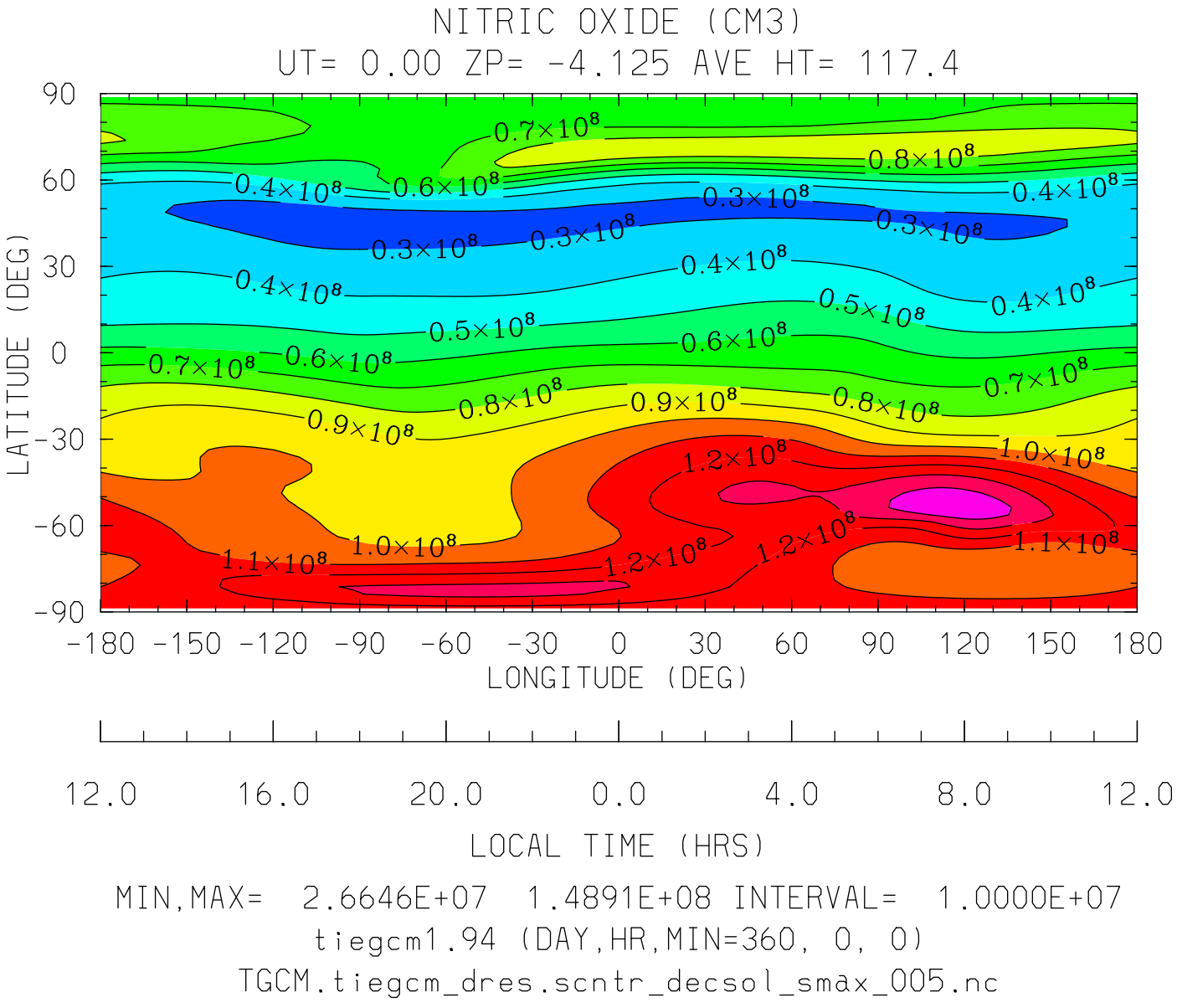

NITRIC OXIDE (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
22000000
21500000
20000000
18500000
17000000
16500000
16000000
15500000
15000000
14500000
14000000
13500000
13000000
12500000
12000000
11500000
MIN,MAX= 1.0668E+07 2.2660E+07 INTERVAL= 5.0000E+05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 4.9012E+06 3.5315E+07 INTERVAL= 2.5000E+06

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

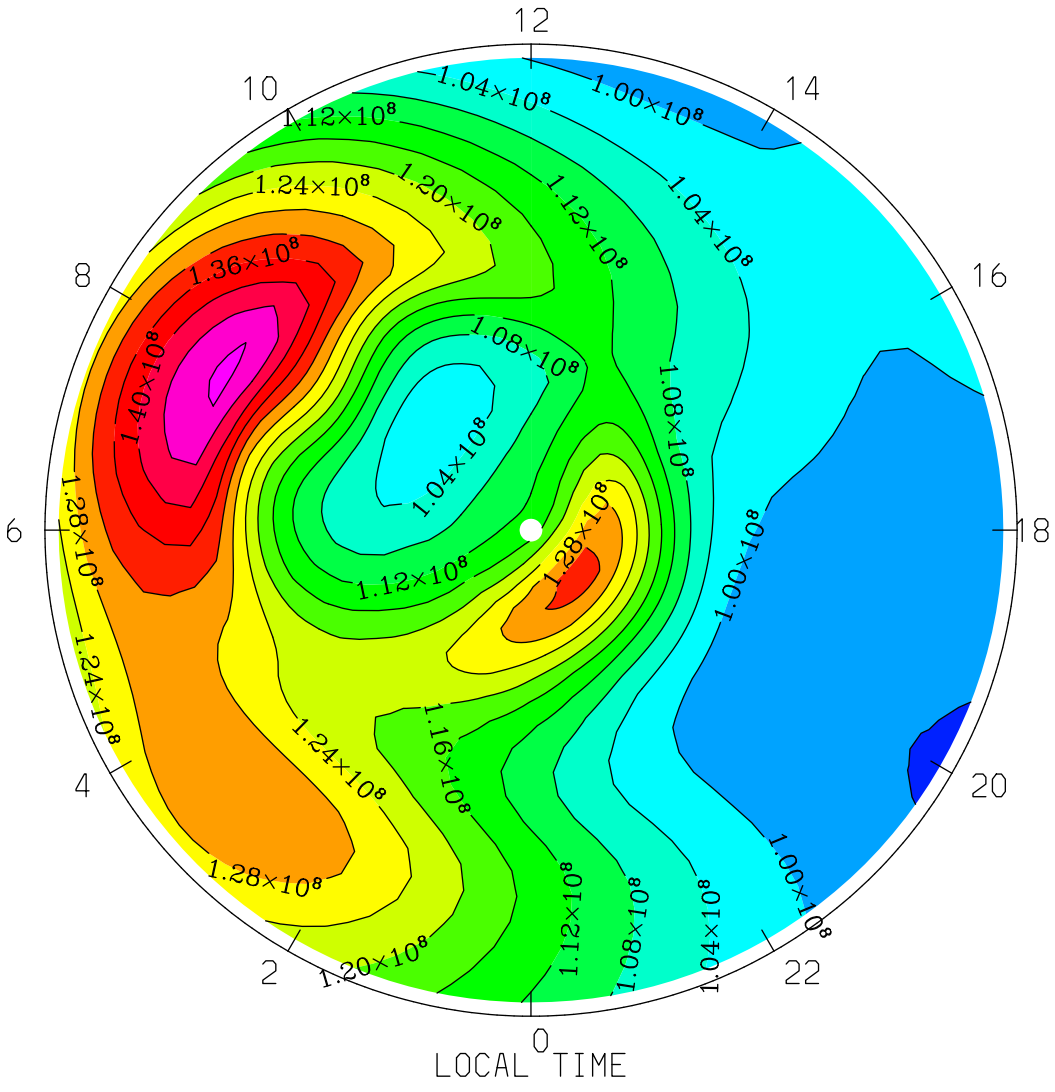
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 2.6646E+07 1.4891E+08 INTERVAL= 1.0000E+07

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

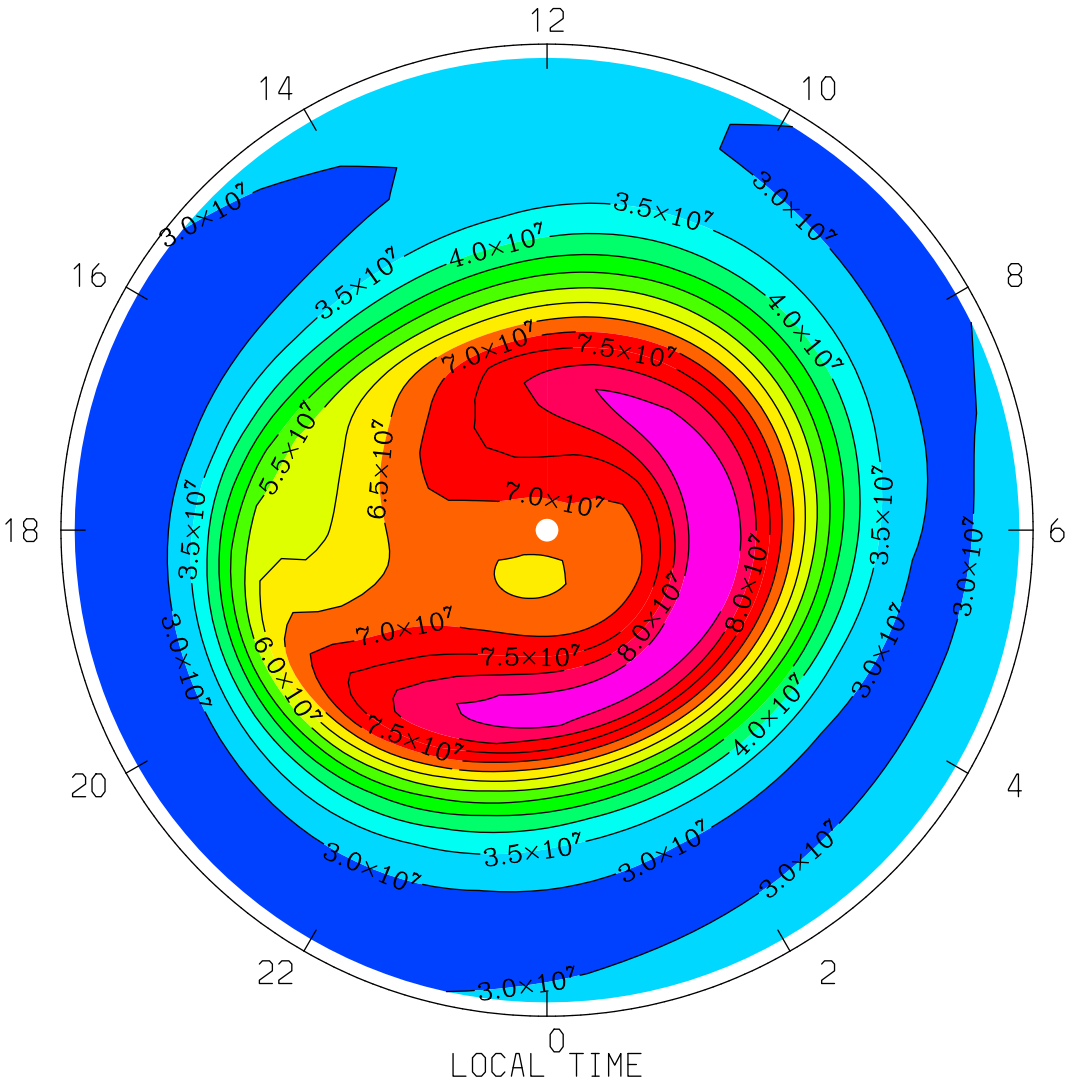
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 9.5645E+07 1.4891E+08 INTERVAL= 4.0000E+06

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

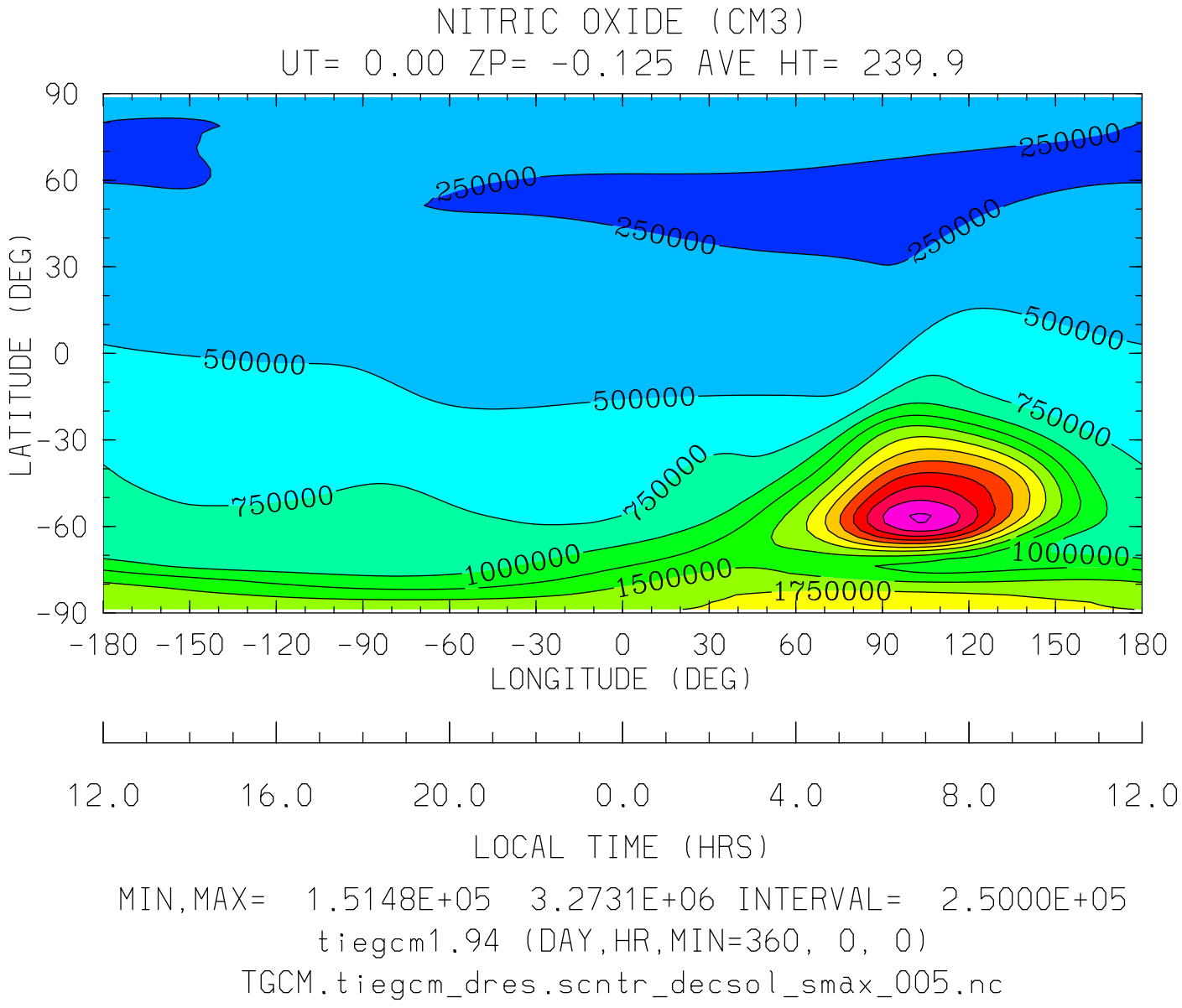
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 2.6646E+07 8.9369E+07 INTERVAL= 5.0000E+06

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

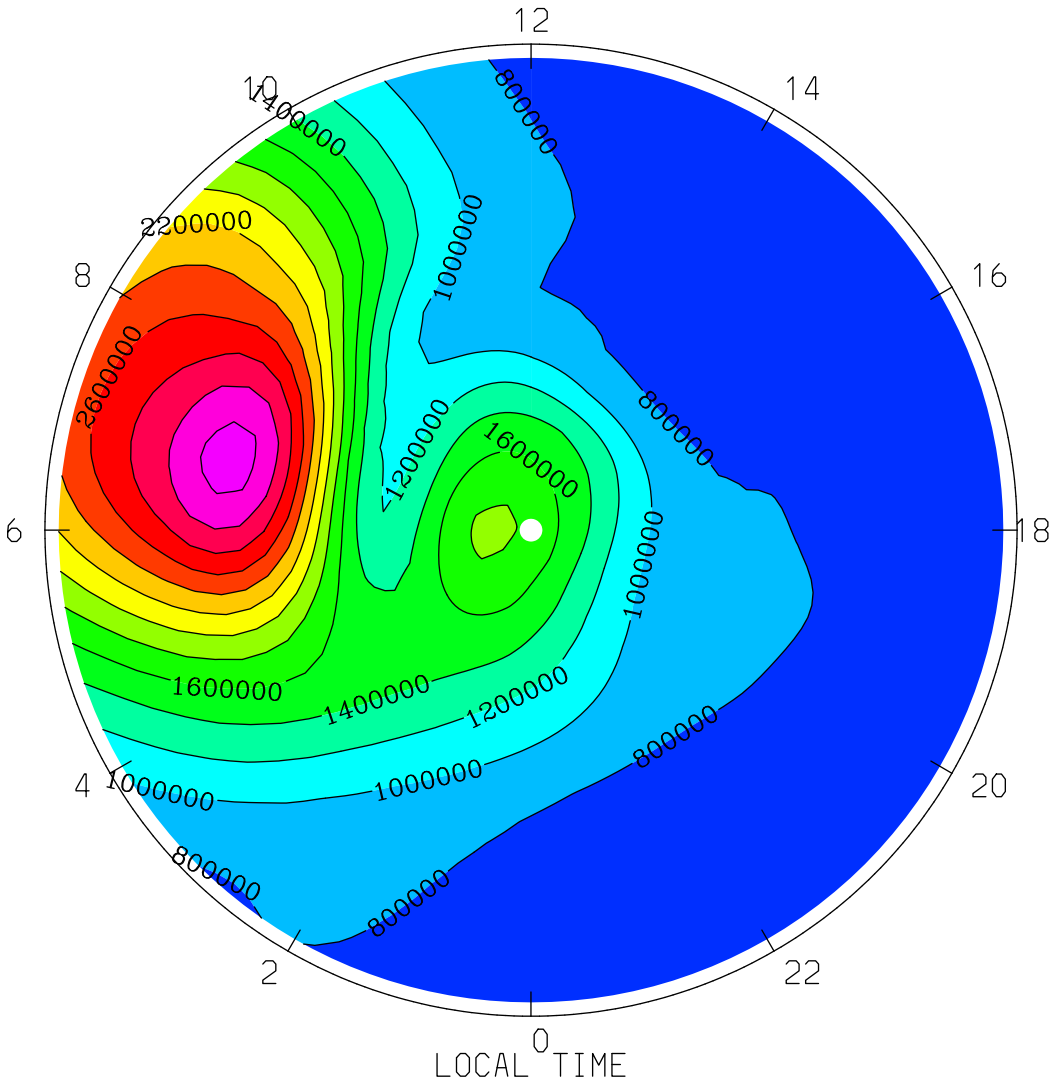
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

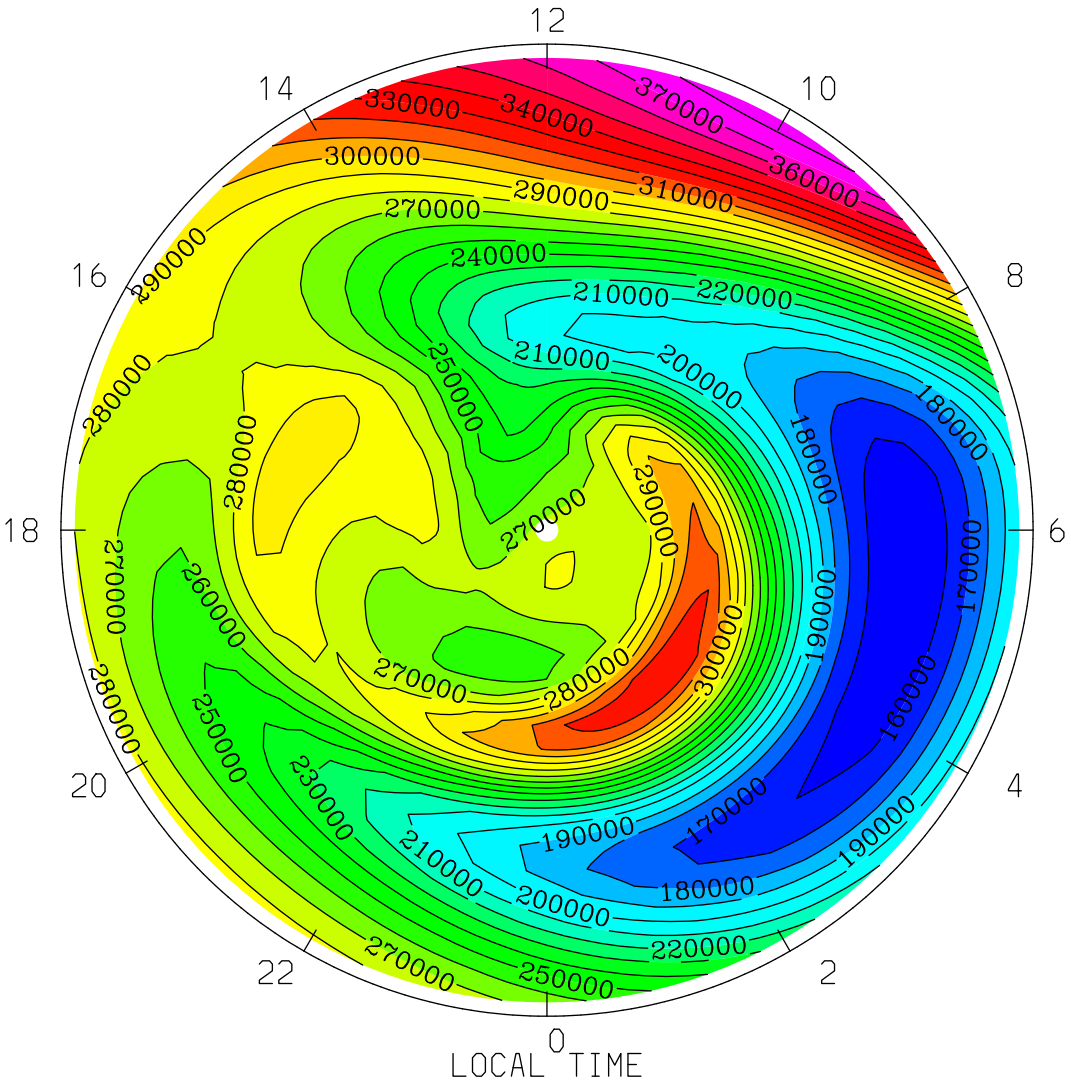


MIN,MAX= 1.5148E+05 3.2731E+06 INTERVAL= 2.5000E+05

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

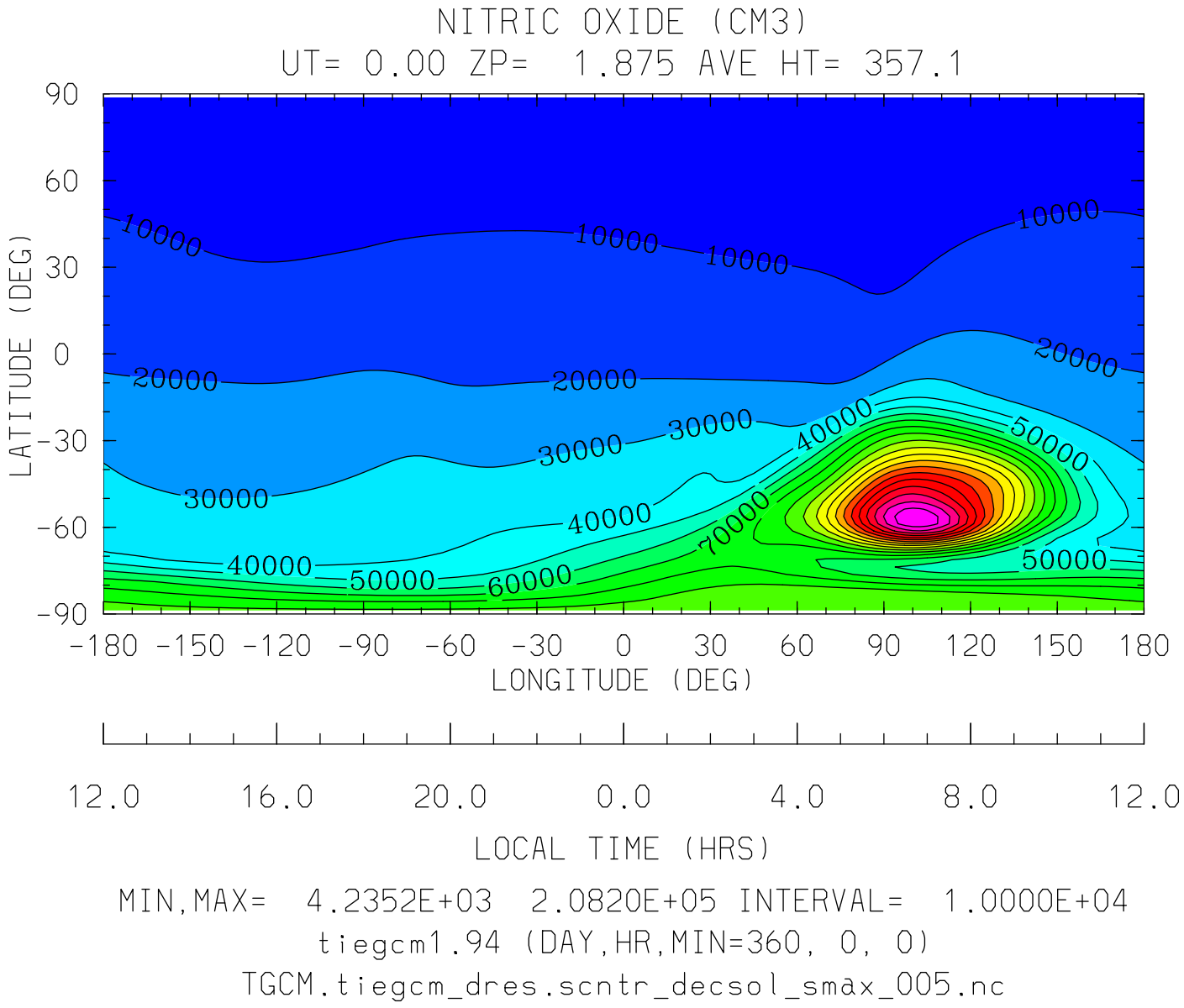

NITRIC OXIDE (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 239.9 PERIM-LAT=-40.0
12
14
16
18
20
22
0
2
4
6
8
10
800000
1000000
1200000
1400000
1600000
2200000
2600000
LOCAL TIME
MIN,MAX= 6.2812E+05 3.2731E+06 INTERVAL= 2.0000E+05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

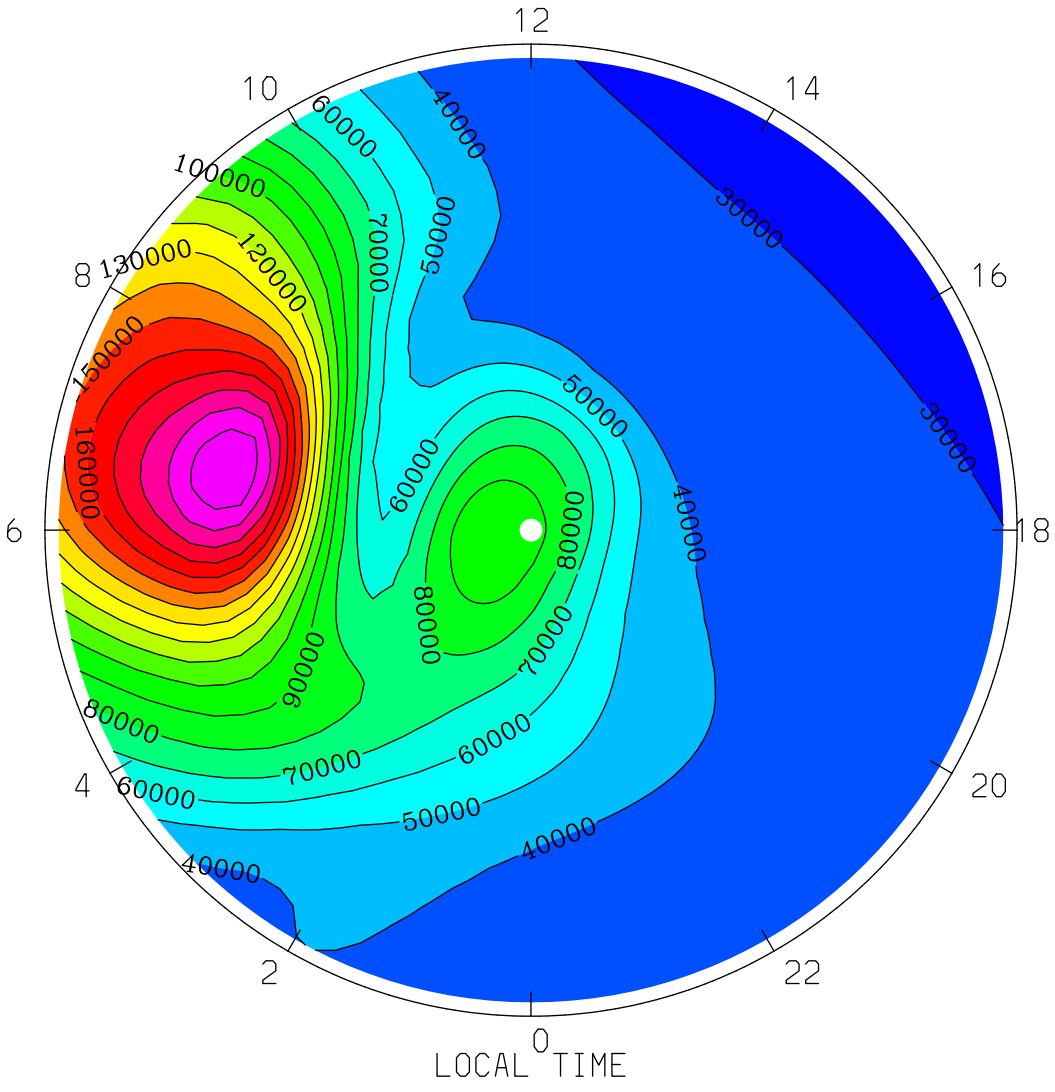


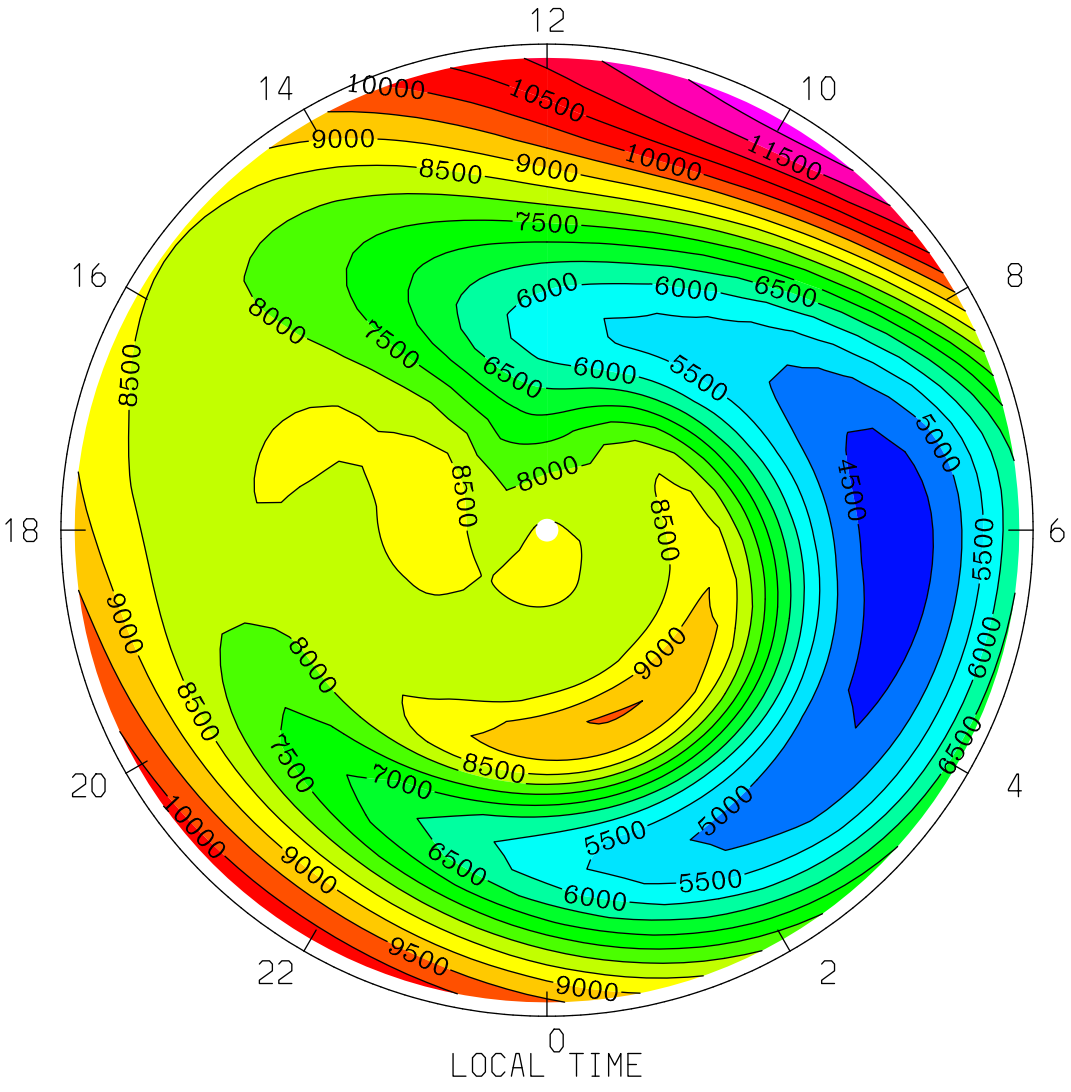
MIN,MAX= 1.5148E+05 3.8652E+05 INTERVAL= 1.0000E+04

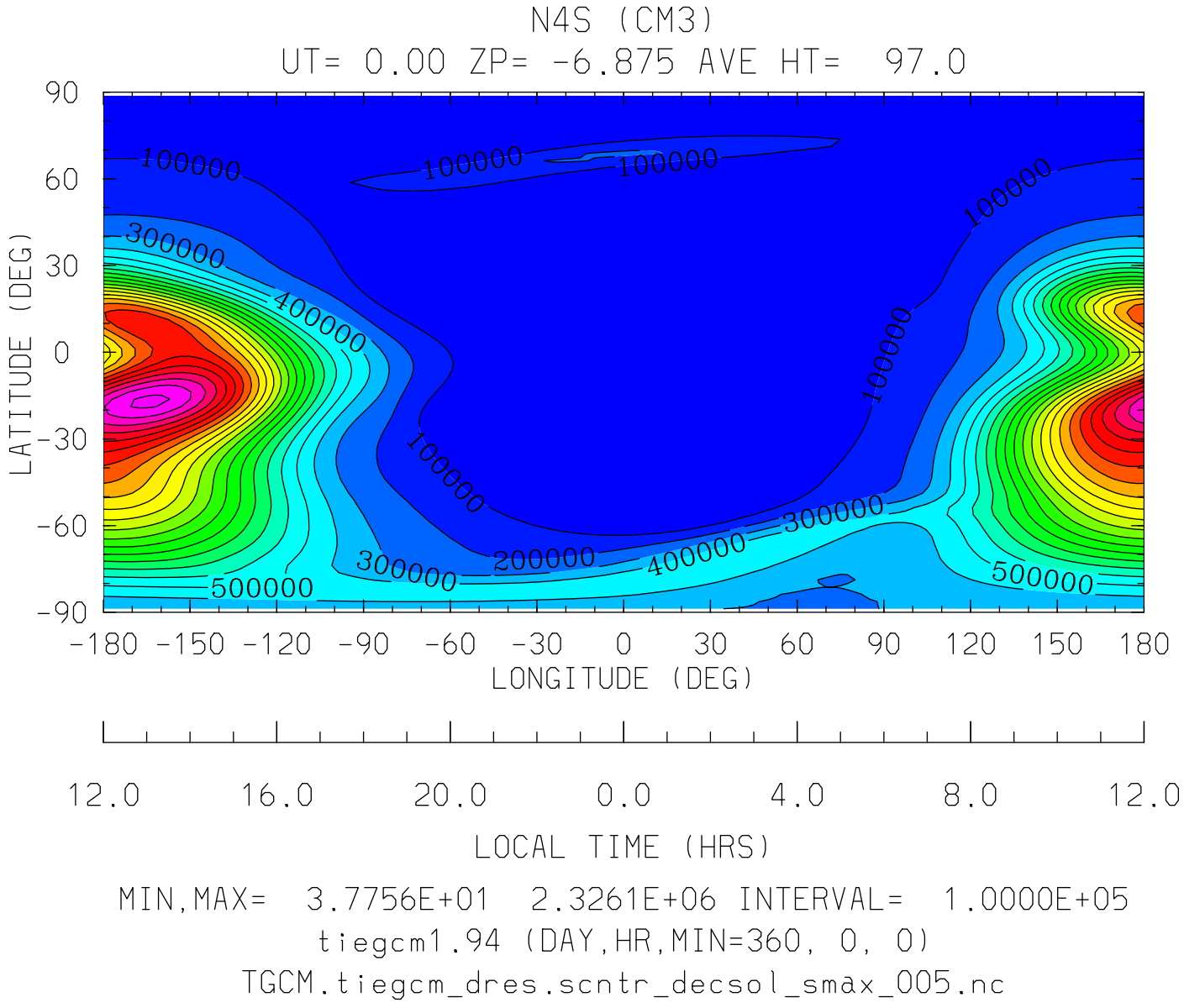
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

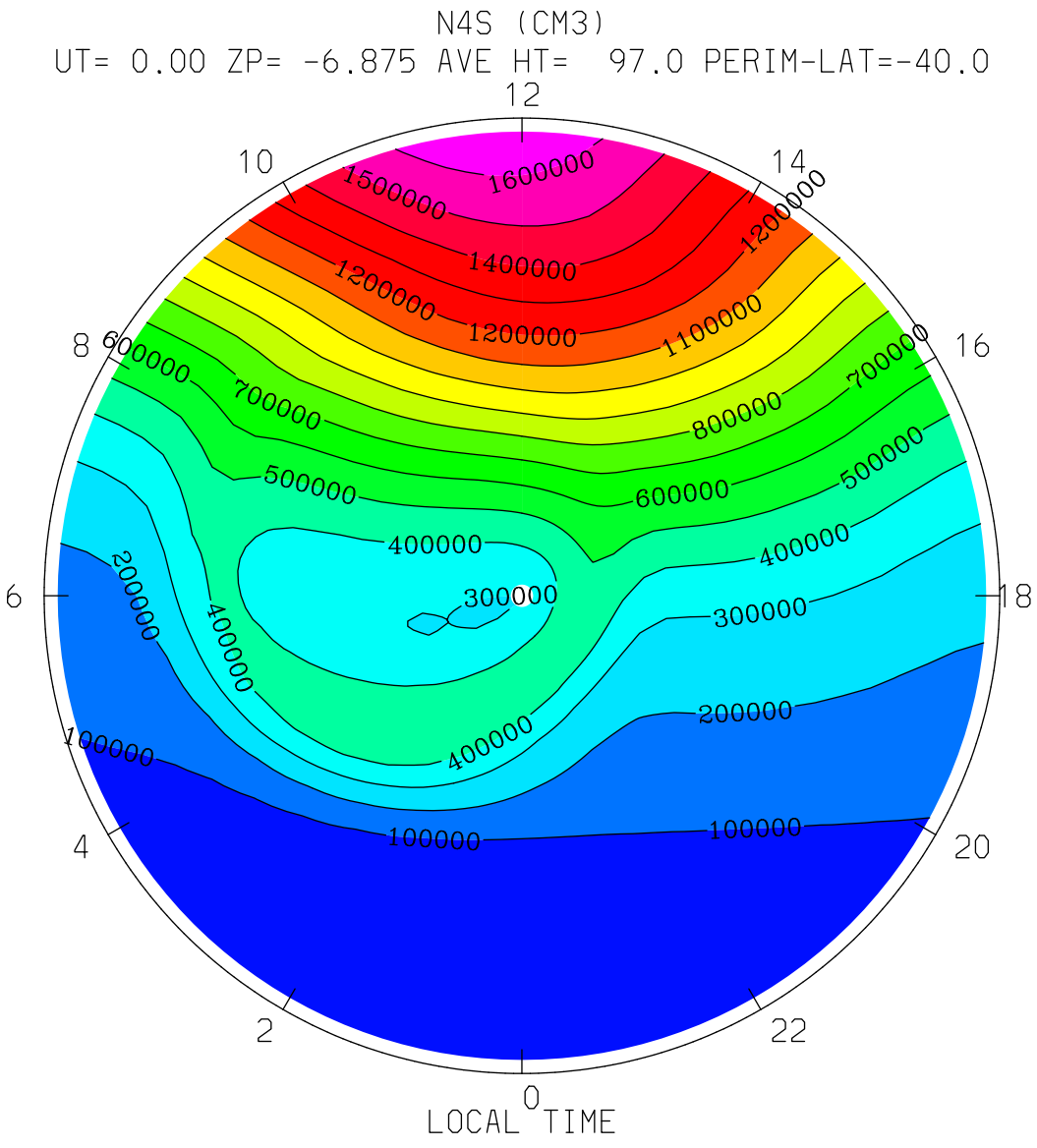
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


NITRIC OXIDE (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 357.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
10000
20000
30000
40000
50000
60000
70000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 4.2352E+03 2.0820E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


NITRIC OXIDE (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 357.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
160000
150000
130000
120000
100000
90000
80000
70000
60000
50000
40000
30000
MIN,MAX= 2.7349E+04 2.0820E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


NITRIC OXIDE (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 357.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 4.2352E+03 1.2277E+04 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

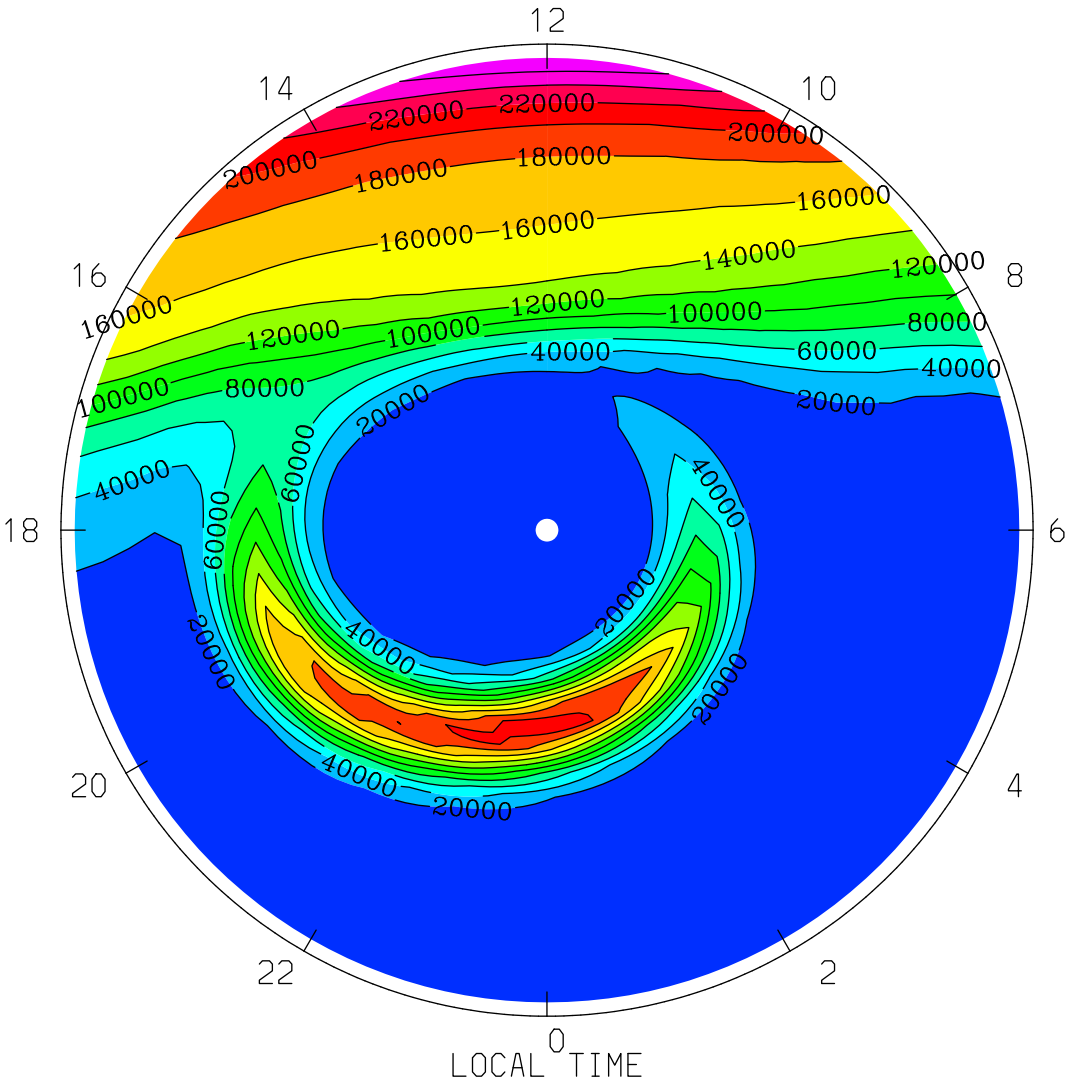

N4S (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
100000
300000
400000
500000
200000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.7756E+01 2.3261E+06 INTERVAL= 1.0000E+05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 2.2348E+02 1.6712E+06 INTERVAL= 1.0000E+05

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

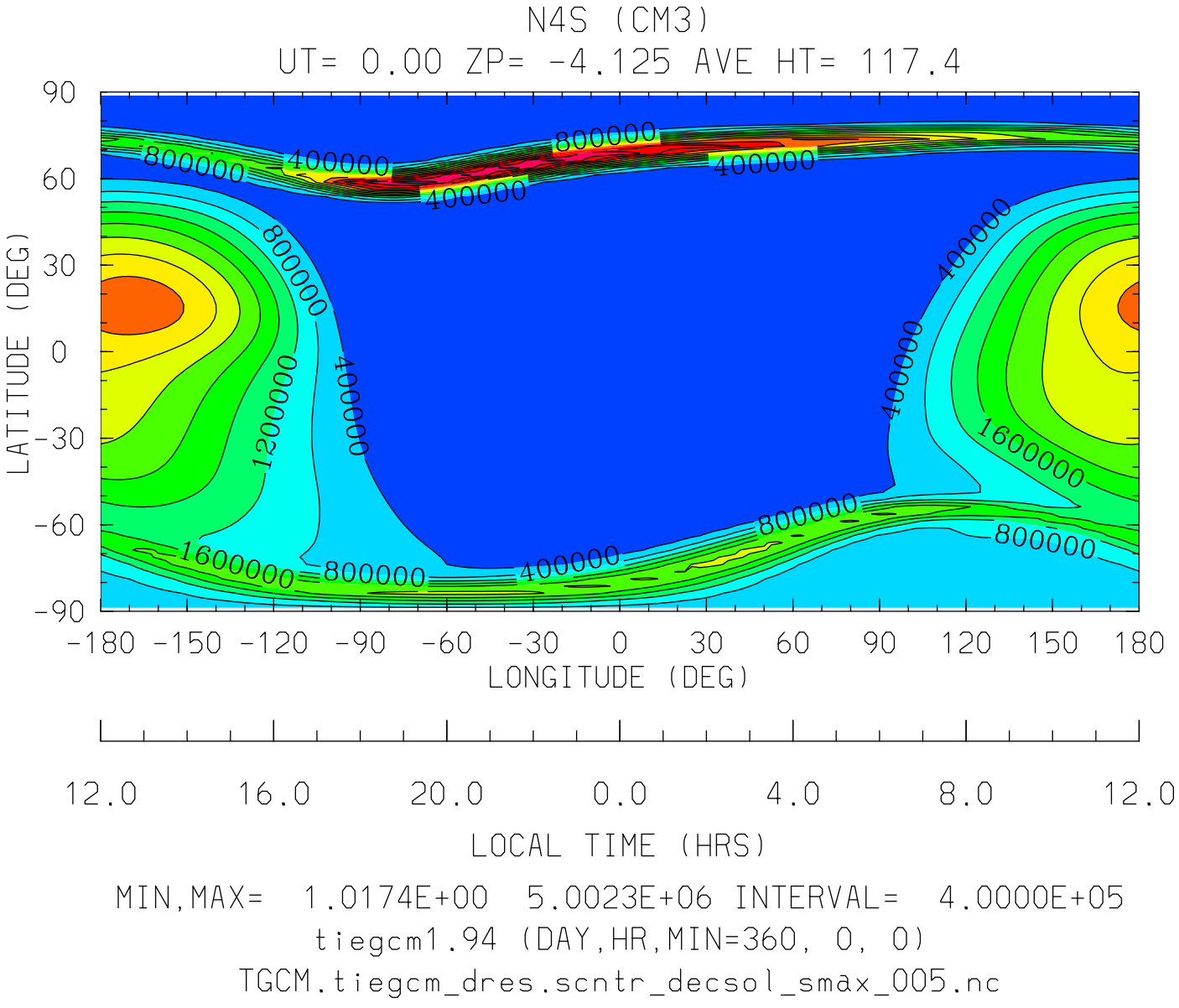
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 3.7756E+01 2.7972E+05 INTERVAL= 2.0000E+04

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

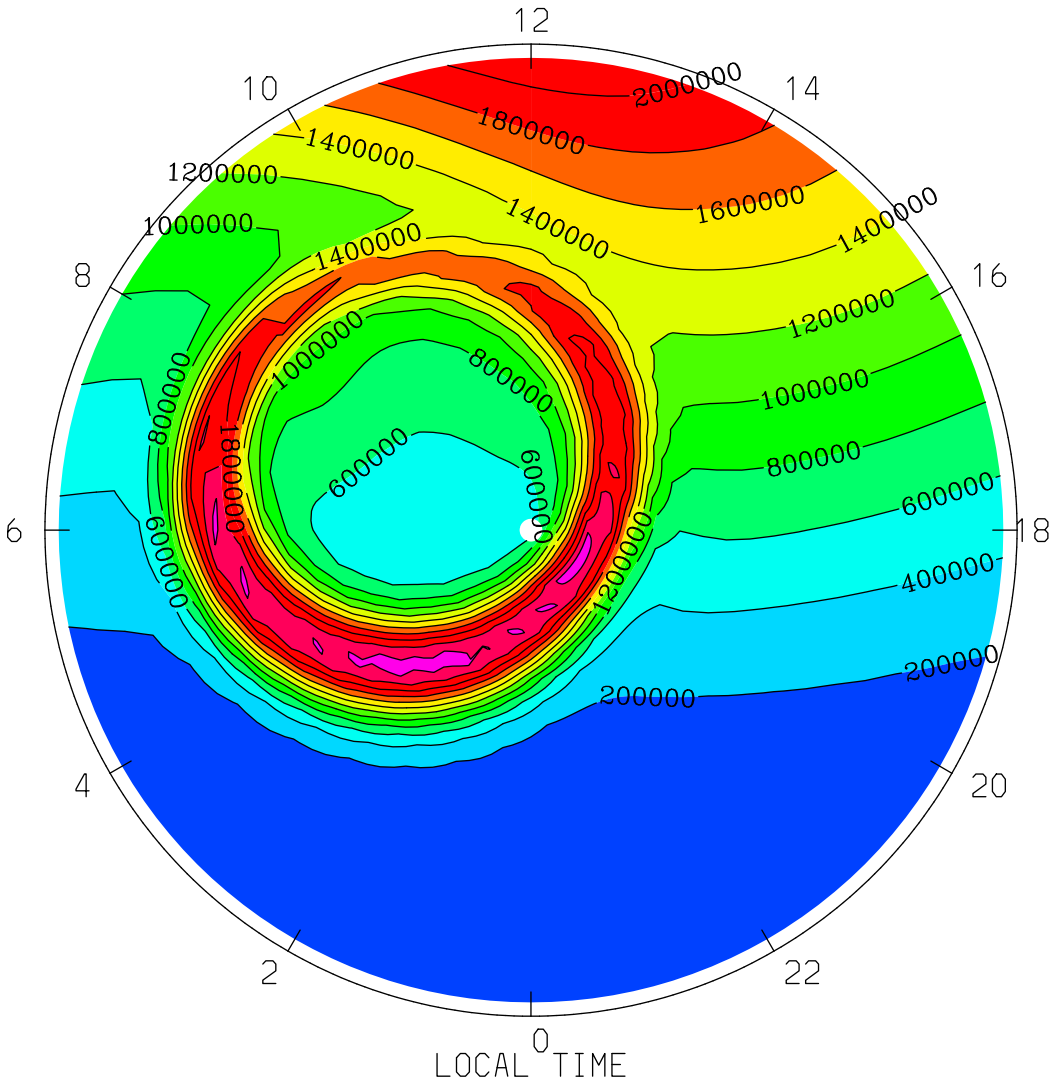
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

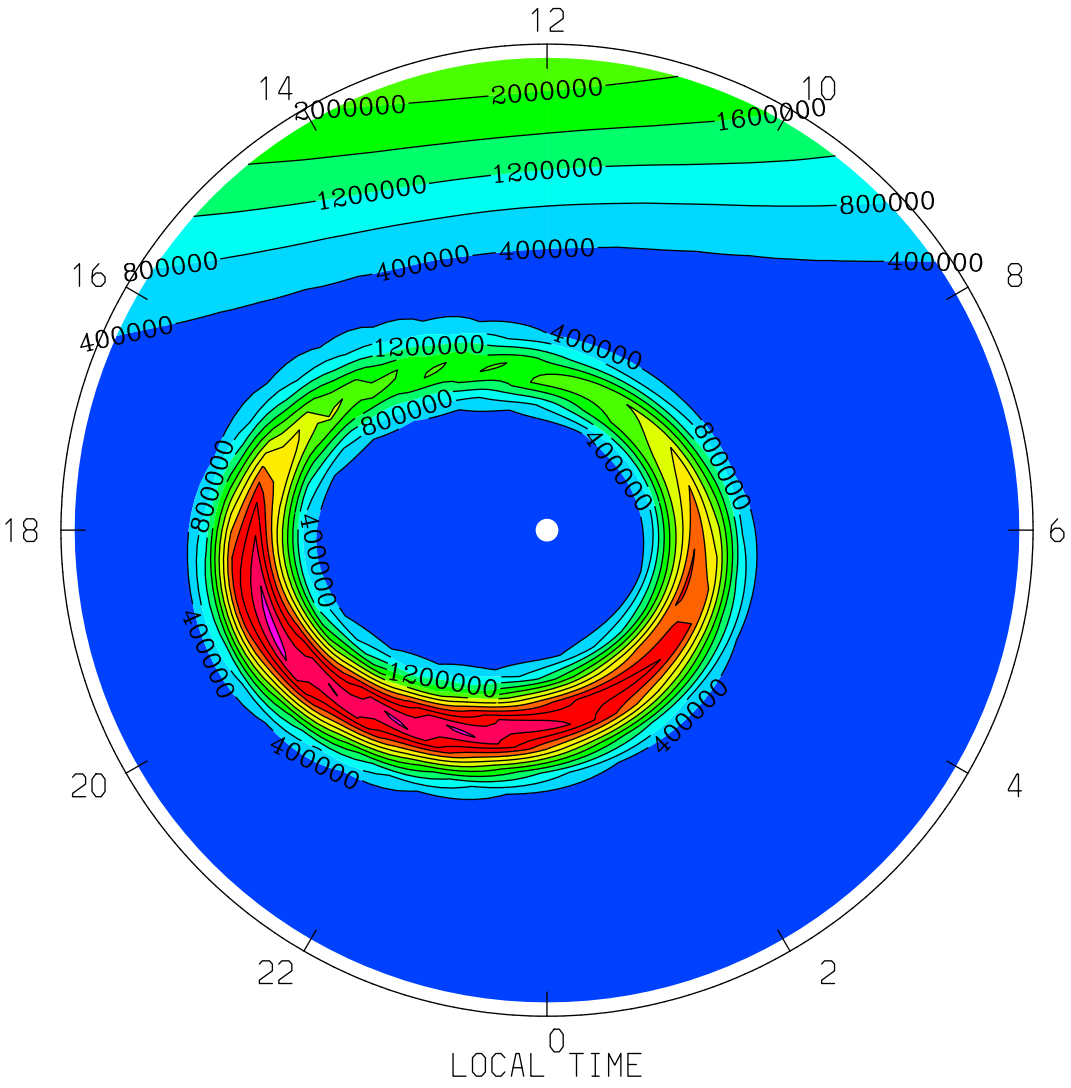


MIN,MAX= 1.0174E+00 5.0023E+06 INTERVAL= 4.0000E+05

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

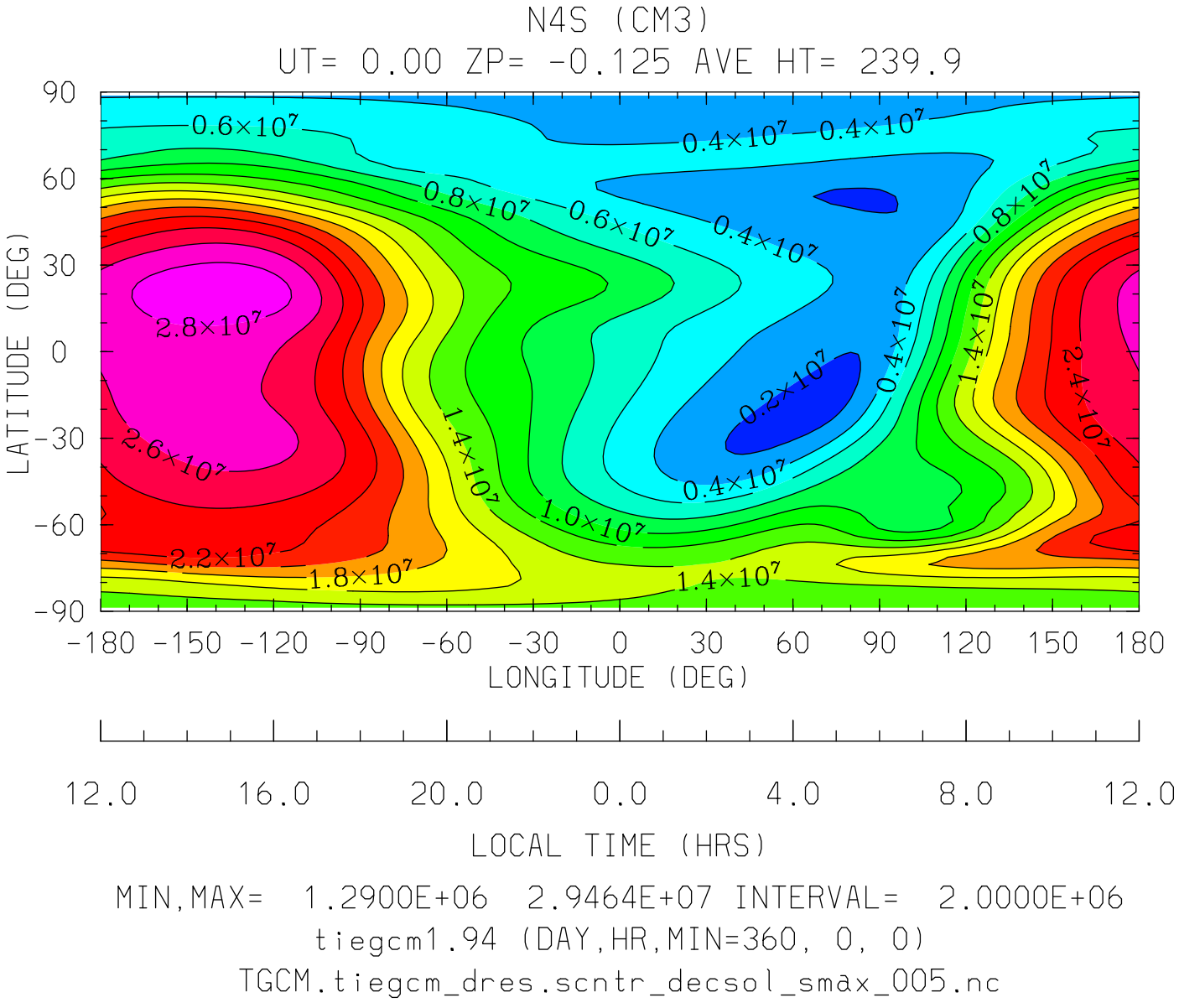

N4S (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
2000000
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
LOCAL TIME
MIN,MAX= 1.1022E+00 2.5436E+06 INTERVAL= 2.0000E+05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.0174E+00 5.0023E+06 INTERVAL= 4.0000E+05

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

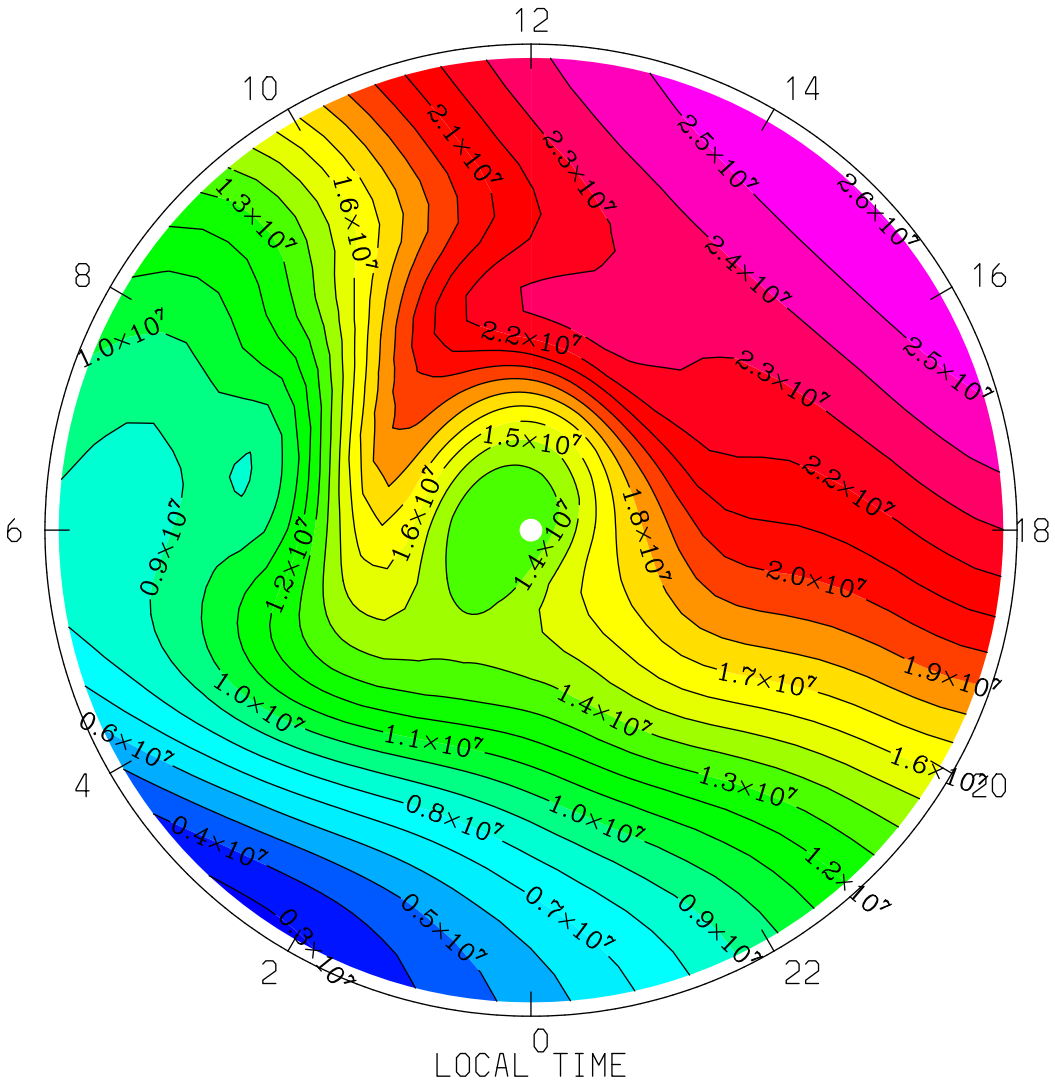
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.2900E+06 2.9464E+07 INTERVAL= 2.0000E+06

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

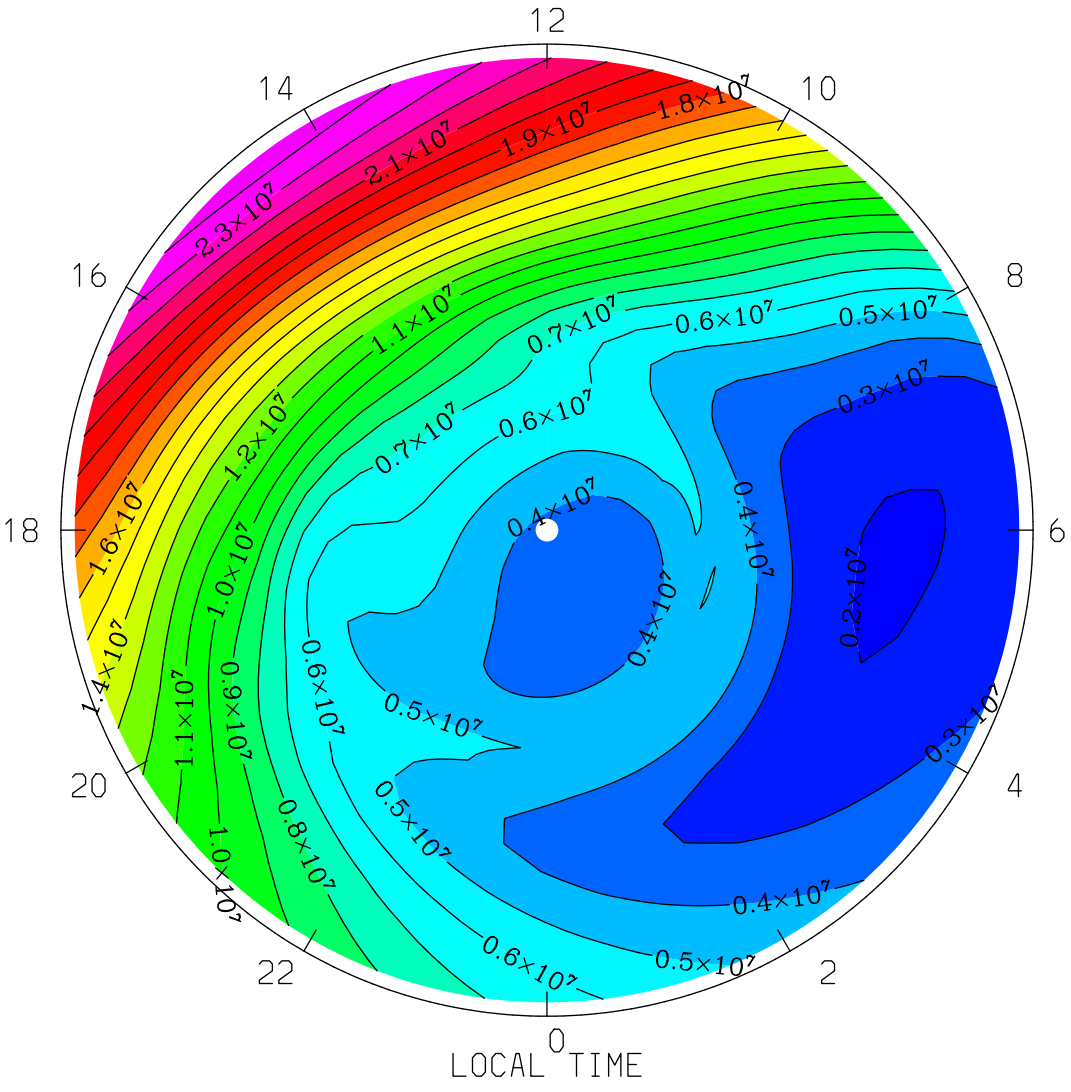
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

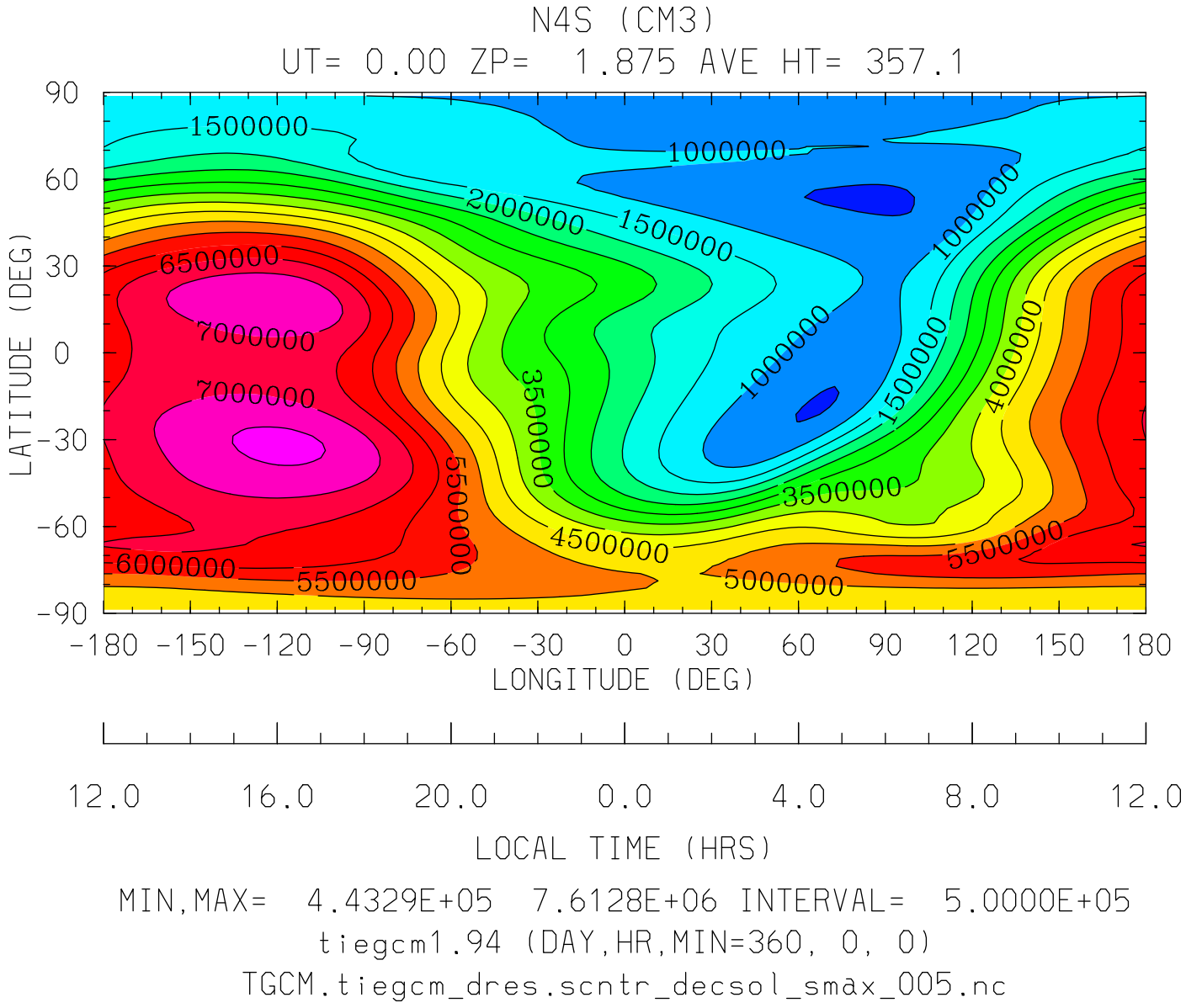


MIN,MAX= 2.7732E+06 2.6035E+07 INTERVAL= 1.0000E+06

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

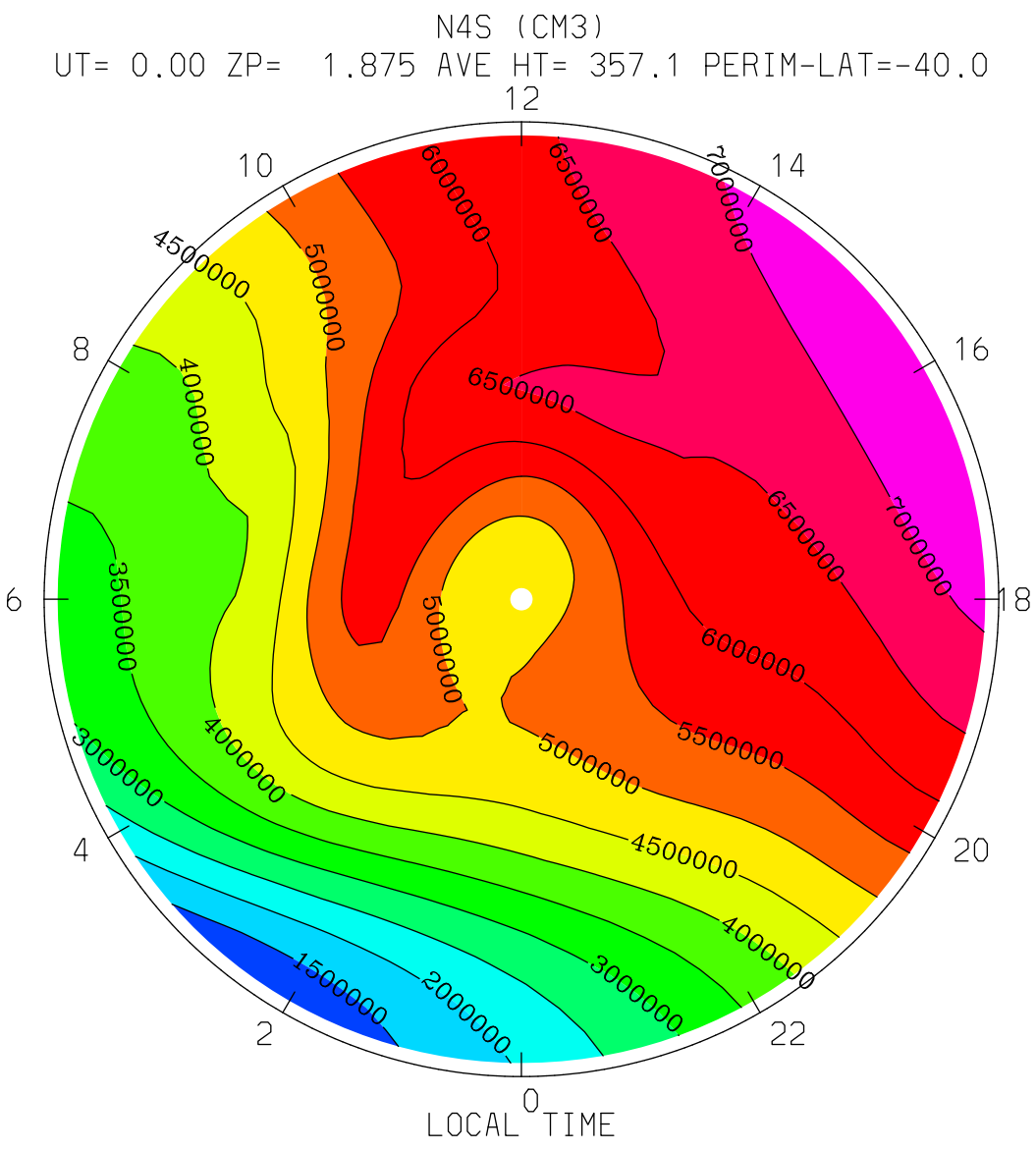

N4S (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 239.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
1.8×10⁷
1.9×10⁷
2.1×10⁷
2.3×10⁷
1.1×10⁷
0.7×10⁷
0.6×10⁷
0.5×10⁷
0.3×10⁷
0.4×10⁷
0.2×10⁷
1.2×10⁷
1.0×10⁷
0.9×10⁷
0.8×10⁷
1.6×10⁷
1.4×10⁷
MIN,MAX= 1.8748E+06 2.4722E+07 INTERVAL= 1.0000E+06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 4.4329E+05 7.6128E+06 INTERVAL= 5.0000E+05

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

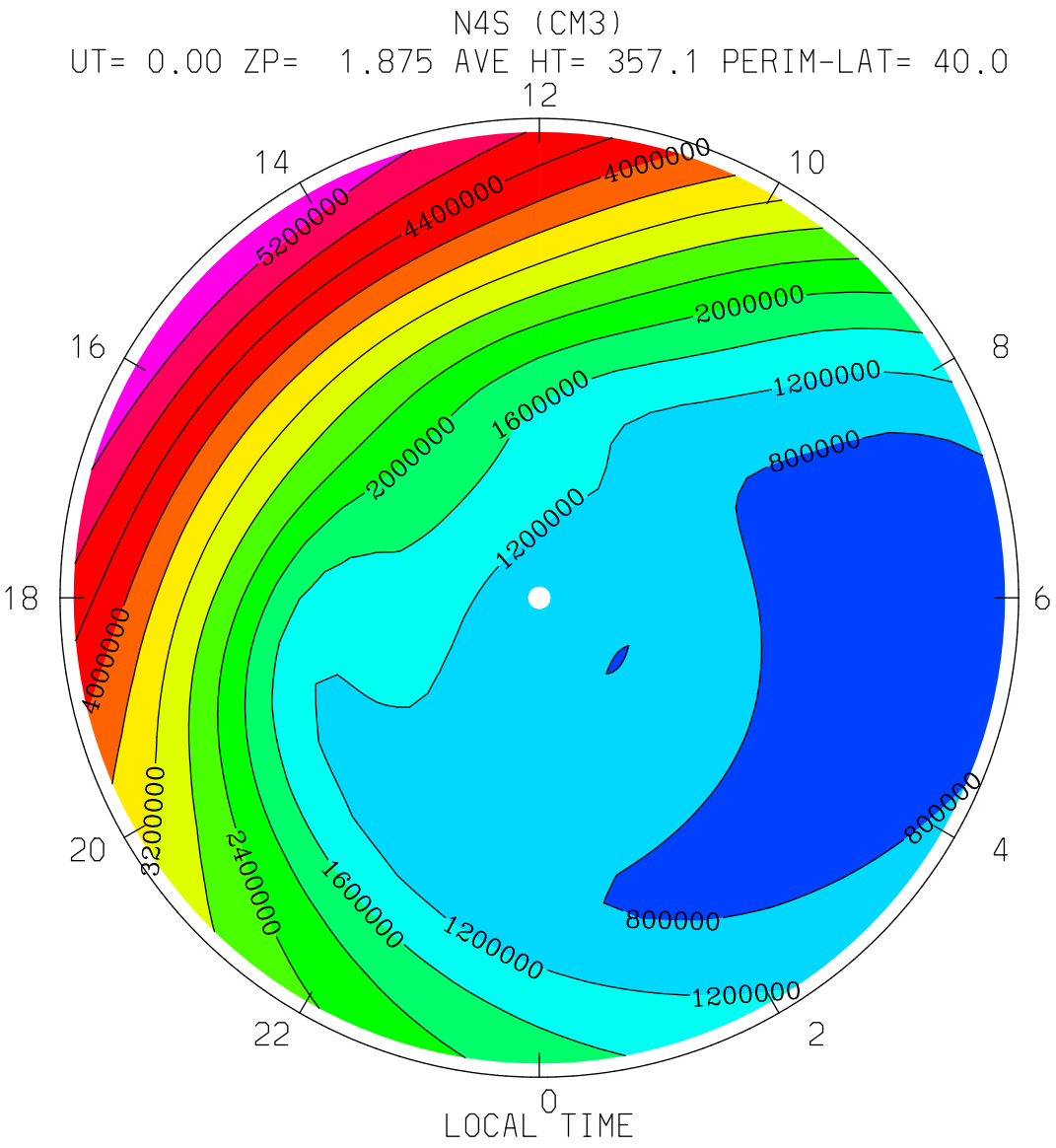
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

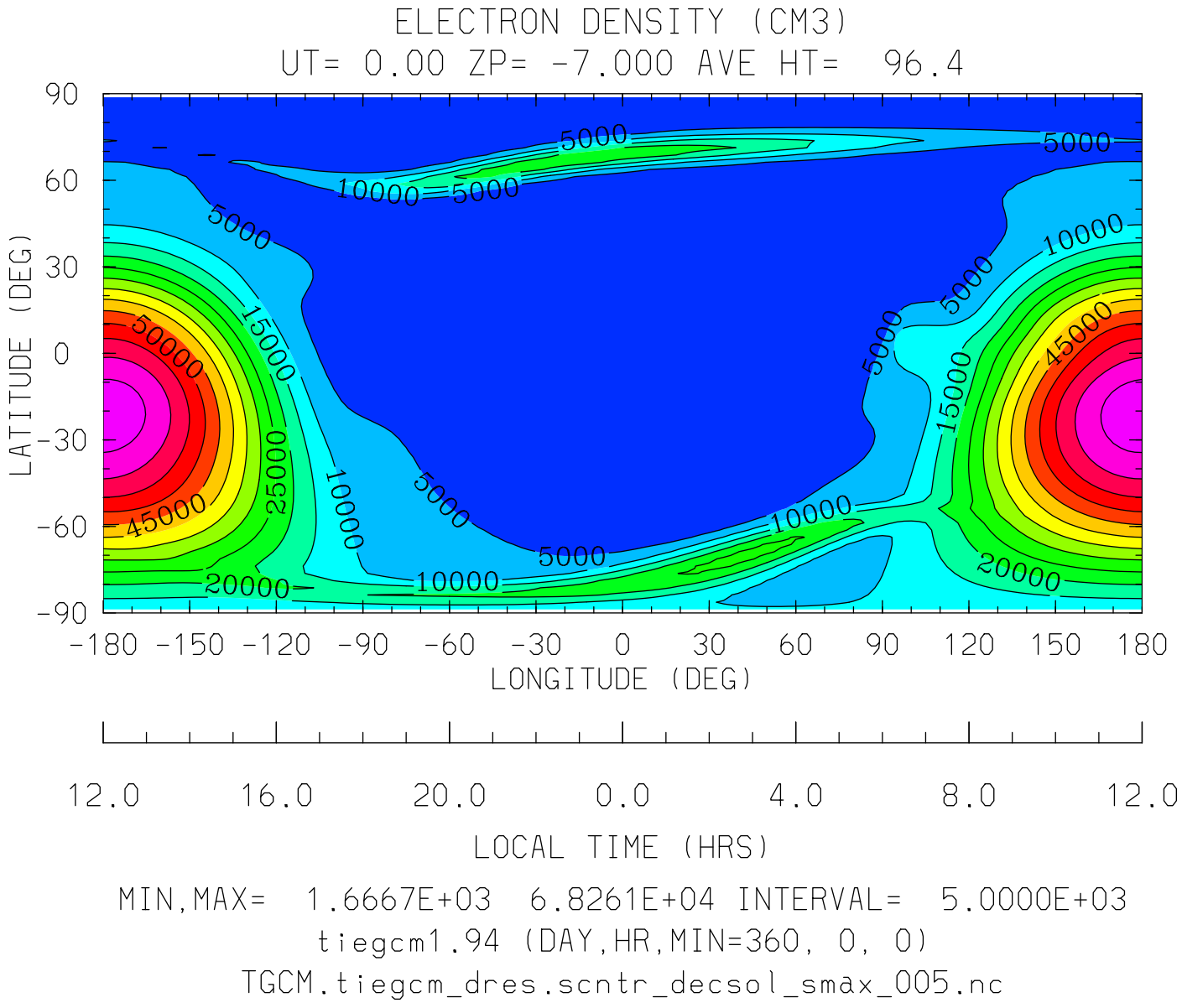


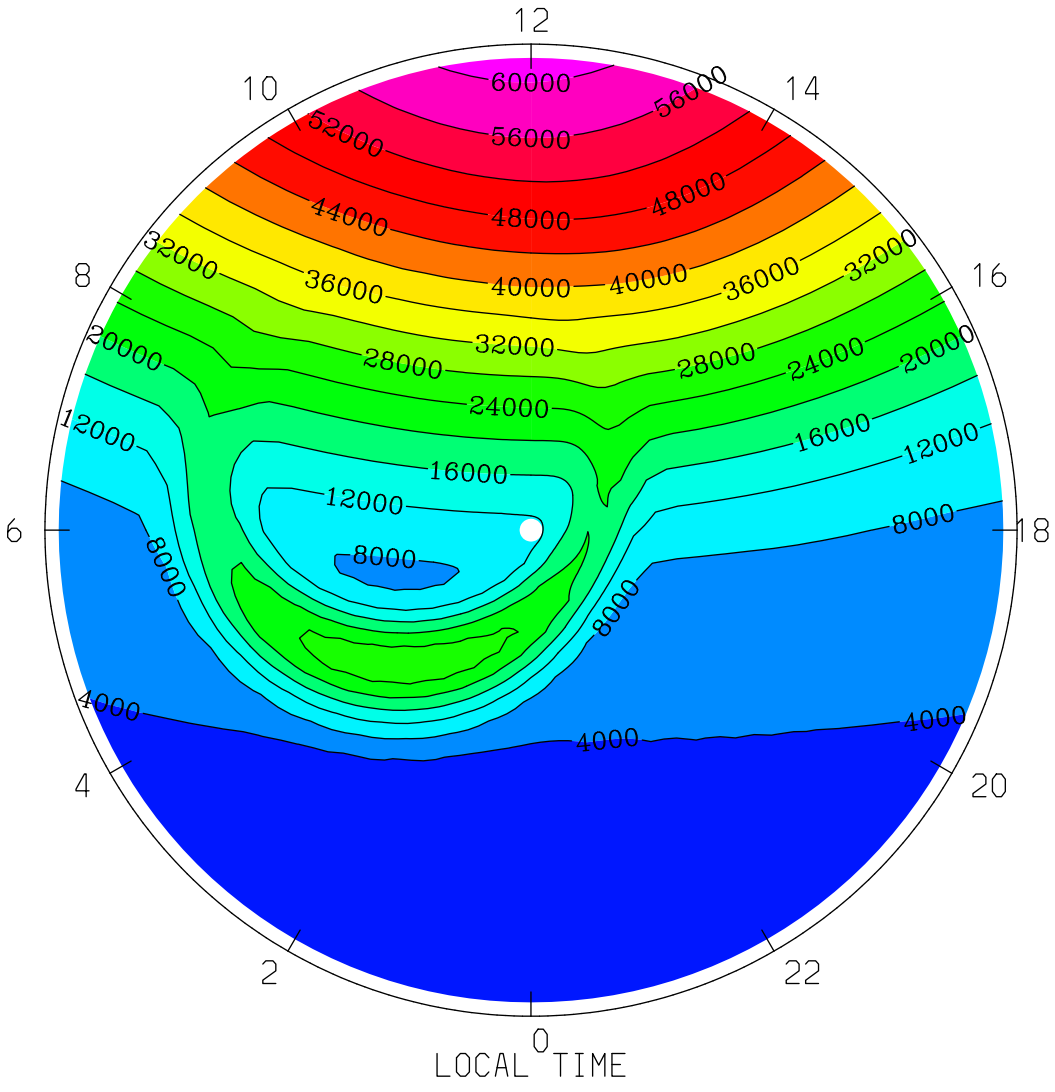
MIN,MAX= 1.1214E+06 7.4254E+06 INTERVAL= 5.0000E+05

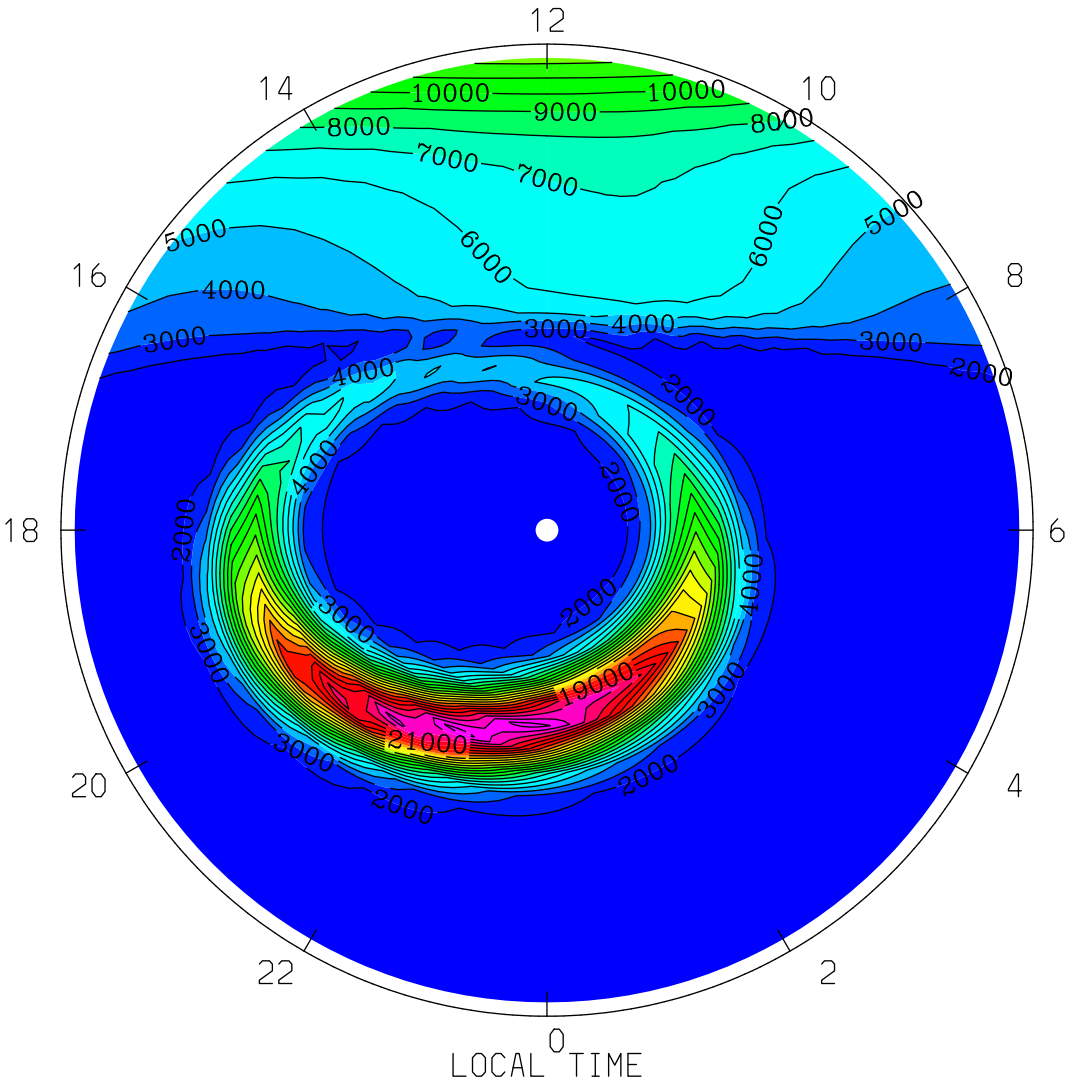
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


N4S (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 357.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
5200000
4400000
4000000
2000000
1600000
1200000
800000
2000000
1200000
4000000
3200000
2400000
1600000
1200000
800000
1200000
LOCAL TIME
MIN,MAX= 4.4329E+05 5.5476E+06 INTERVAL= 4.0000E+05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.6667E+03 6.8261E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

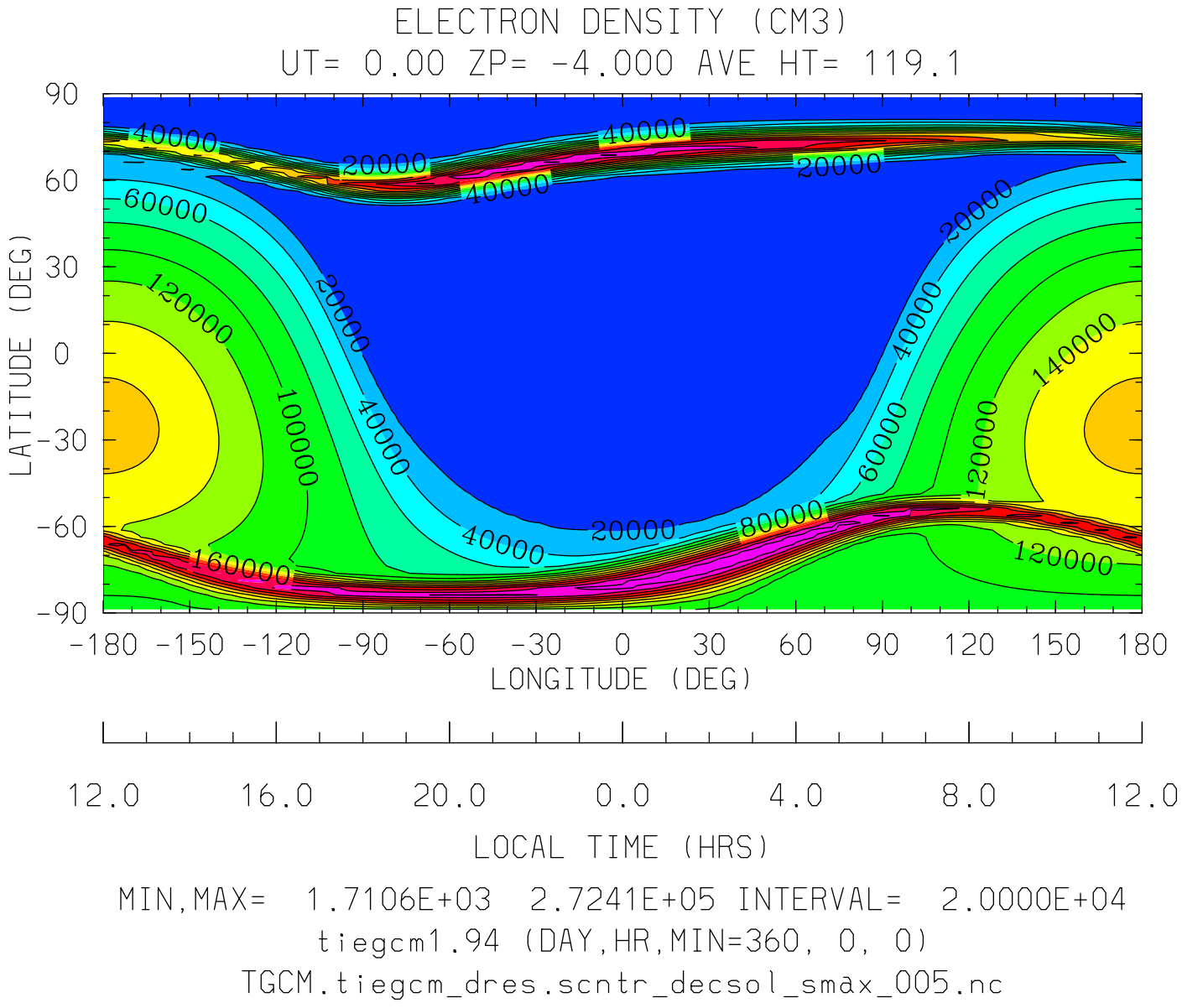

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
60000
56000
52000
48000
44000
40000
36000
32000
28000
24000
20000
16000
12000
8000
4000
LOCAL TIME
MIN,MAX= 1.6714E+03 6.1440E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

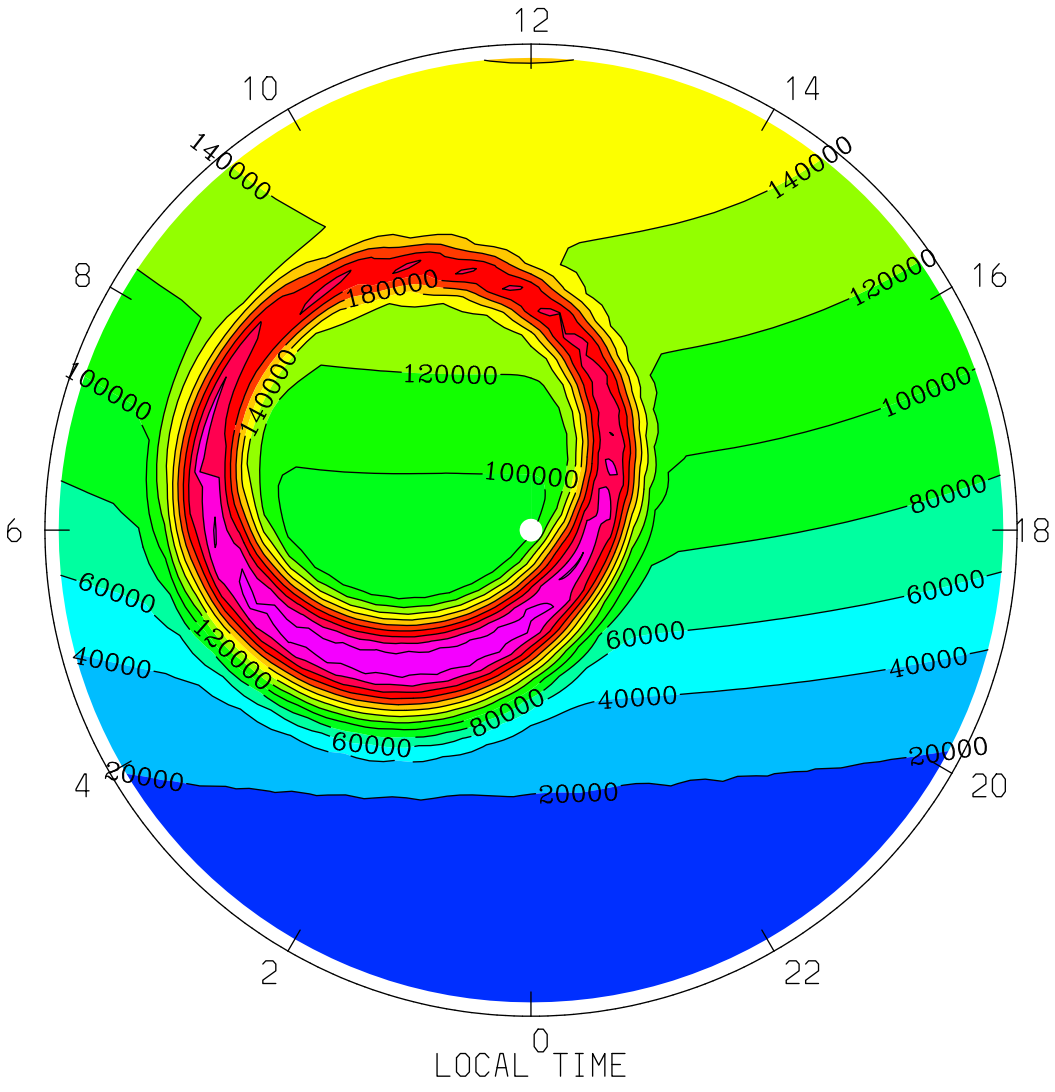


MIN,MAX= 1.6965E+03 2.4470E+04 INTERVAL= 1.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

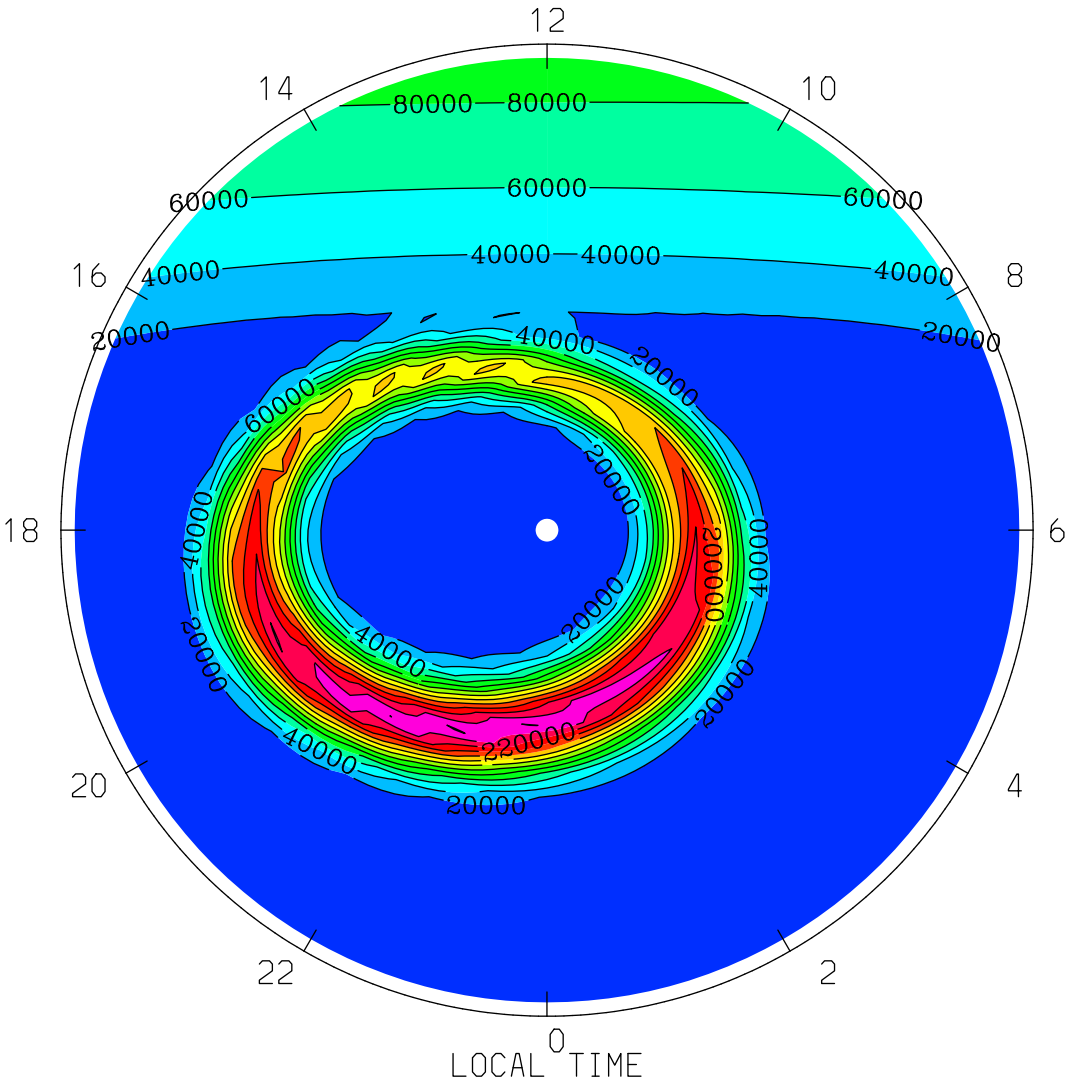

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -4.000 AVE HT= 119.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
40000
20000
60000
120000
100000
160000
80000
140000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.7106E+03 2.7241E+05 INTERVAL= 2.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 2.4332E+03 2.7241E+05 INTERVAL= 2.0000E+04

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

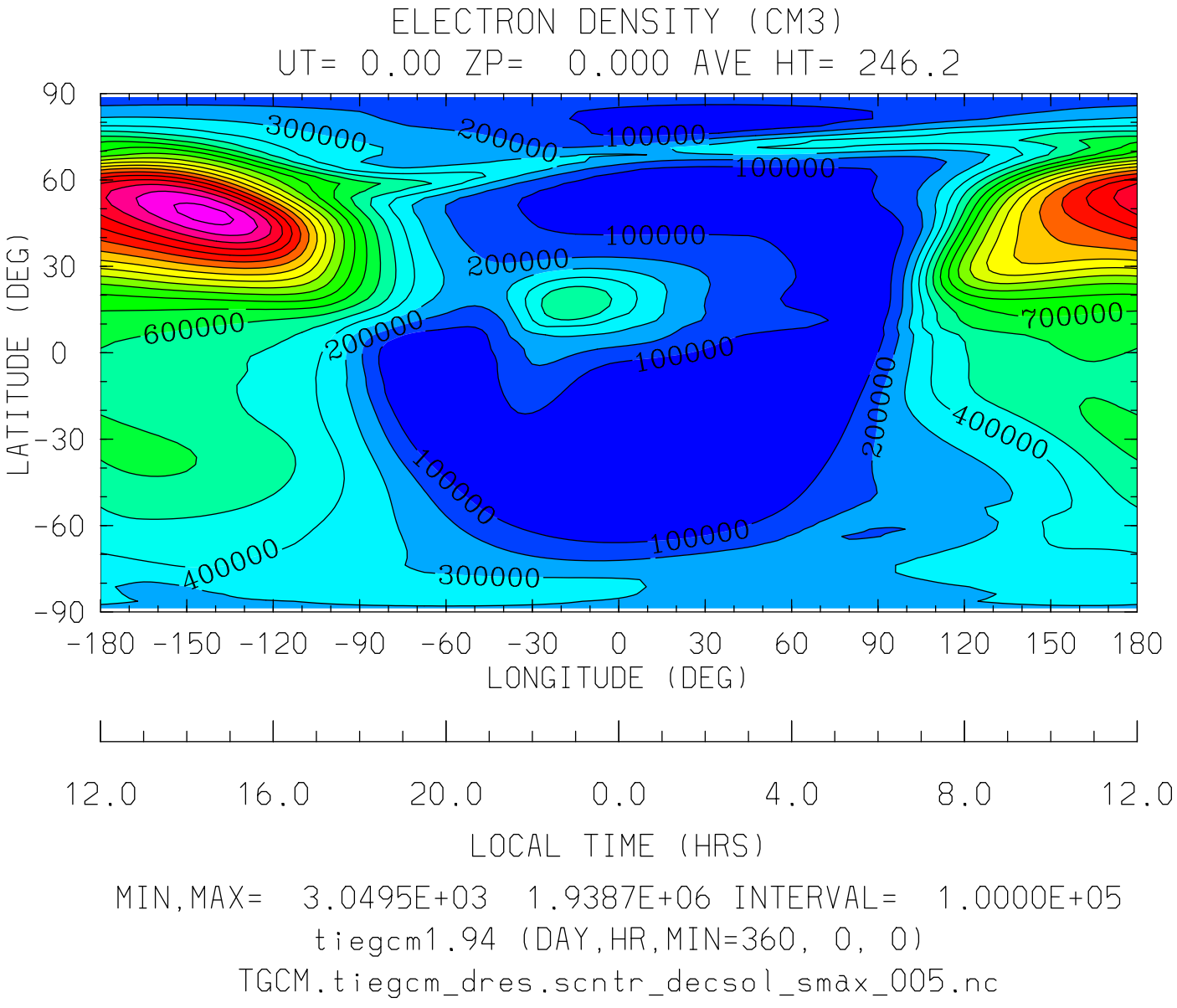
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.7106E+03 2.6176E+05 INTERVAL= 2.0000E+04

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

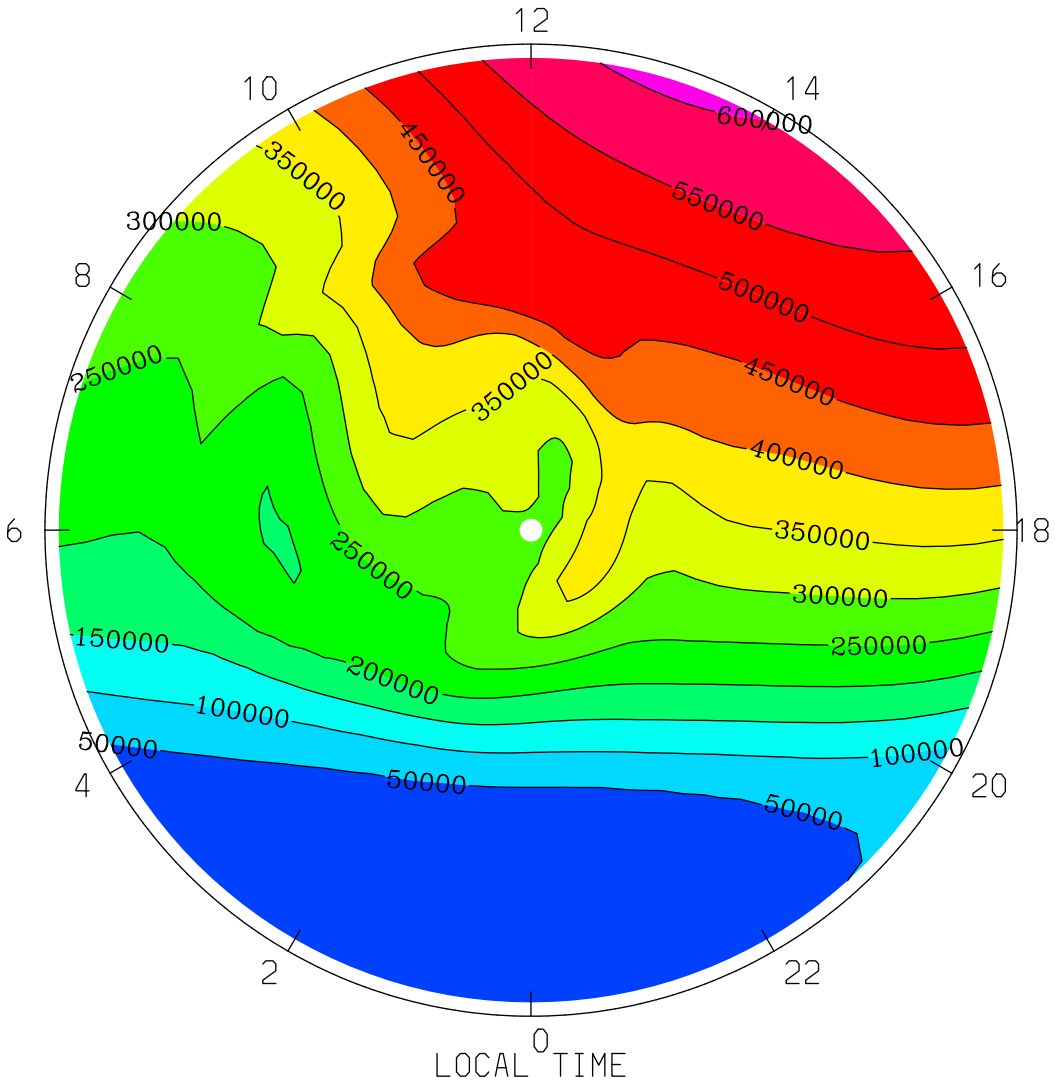
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

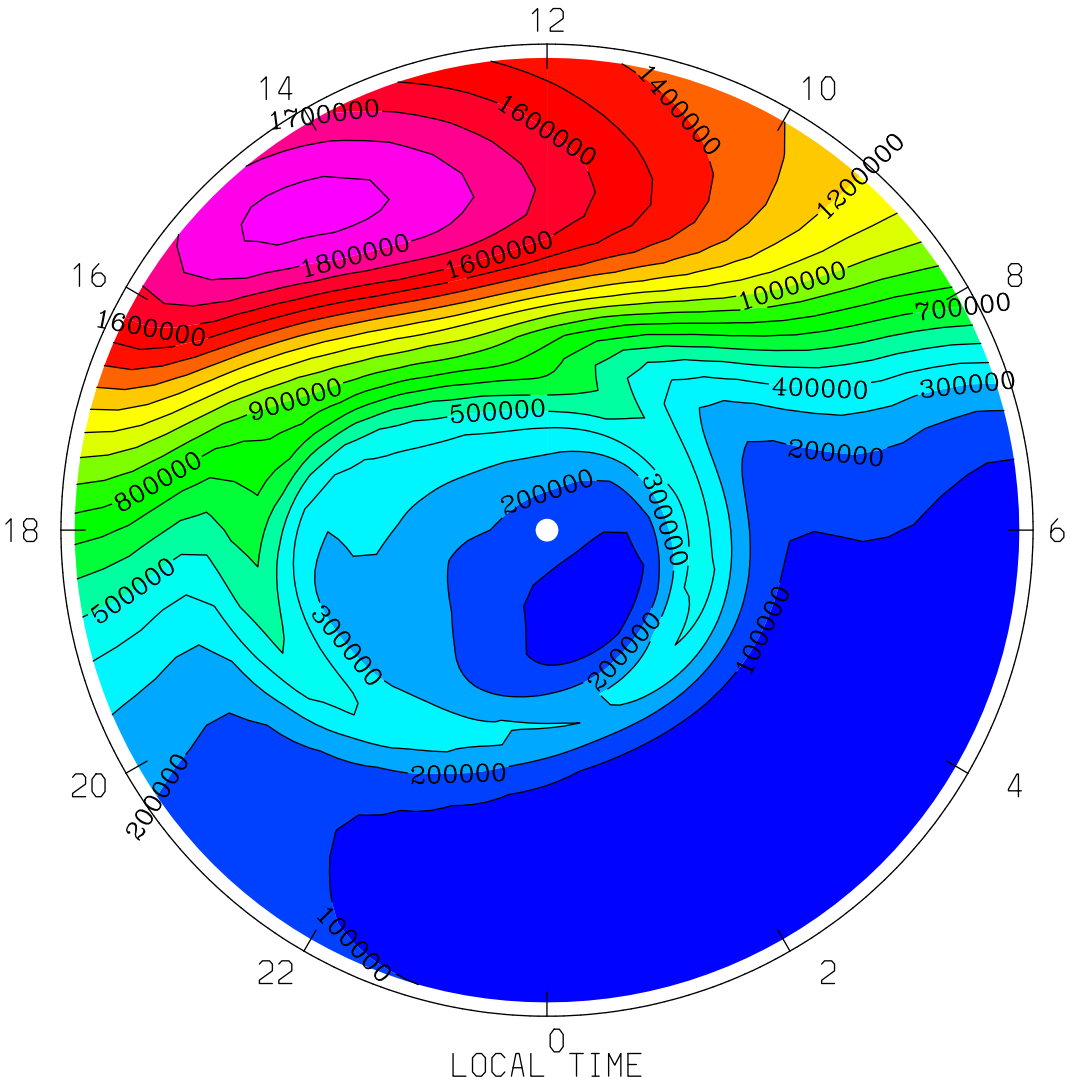


MIN,MAX= 3.0495E+03 1.9387E+06 INTERVAL= 1.0000E+05

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

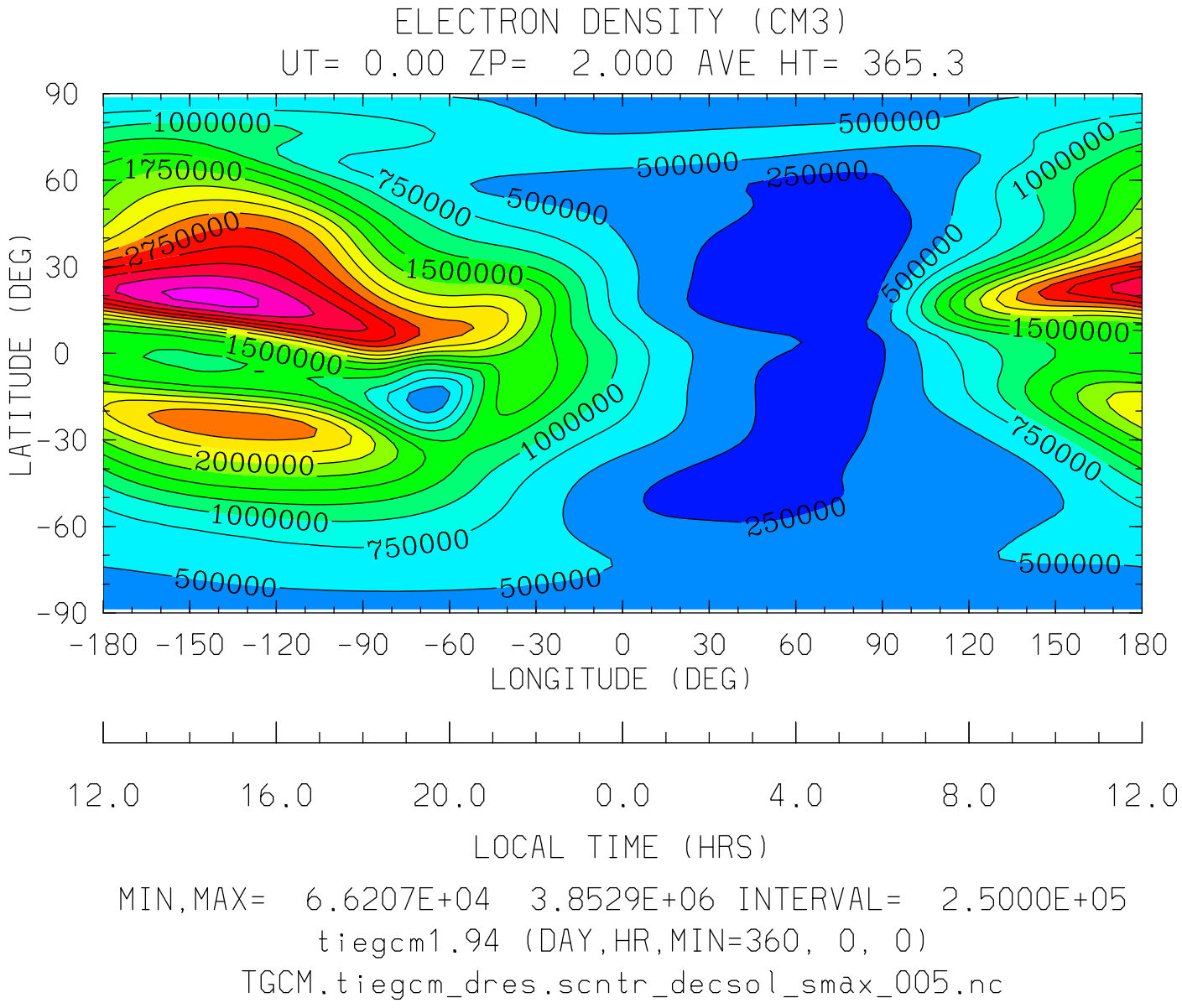

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 0.000 AVE HT= 246.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
LOCAL TIME
MIN,MAX= 3.5287E+03 6.0773E+05 INTERVAL= 5.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 3.3644E+04 1.9387E+06 INTERVAL= 1.0000E+05

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

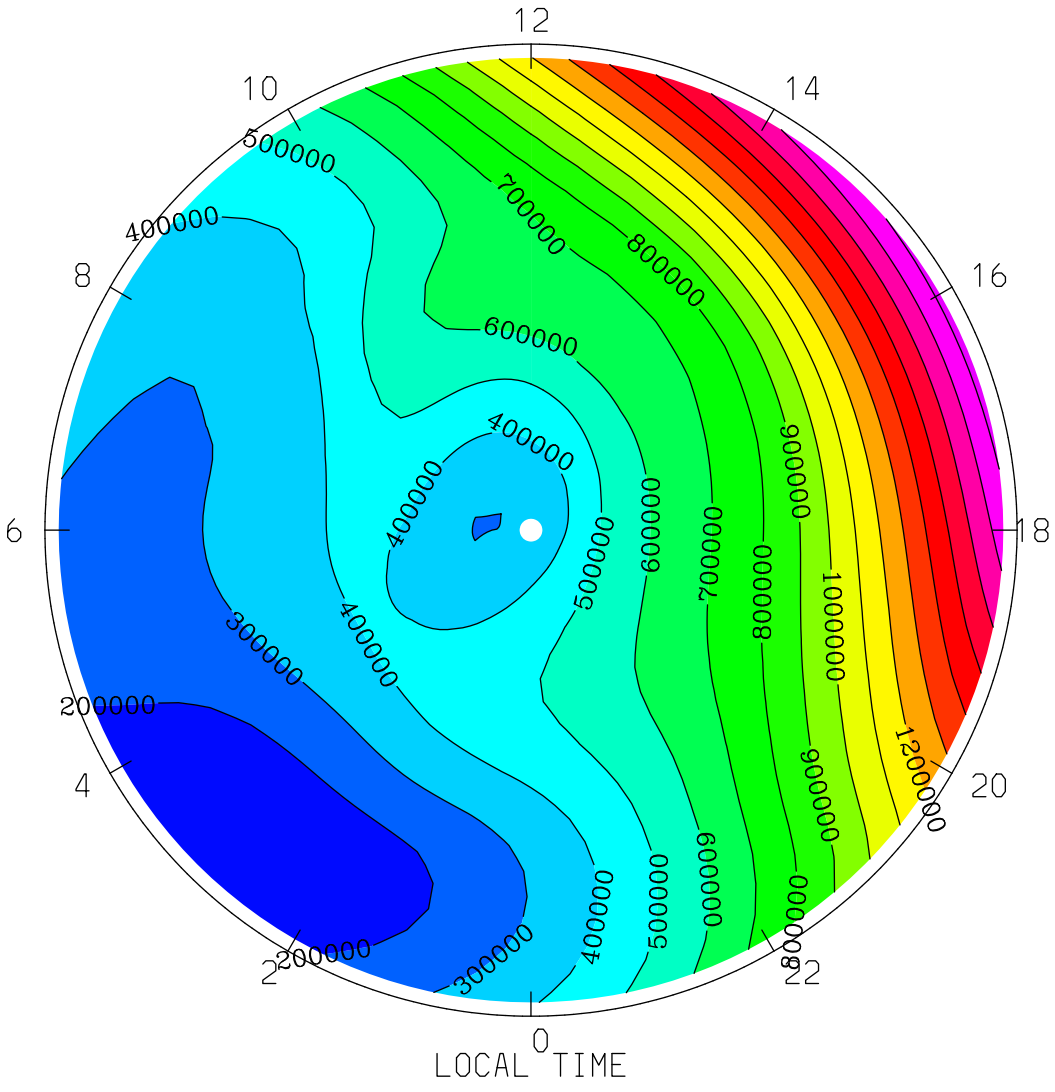
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 6.6207E+04 3.8529E+06 INTERVAL= 2.5000E+05

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

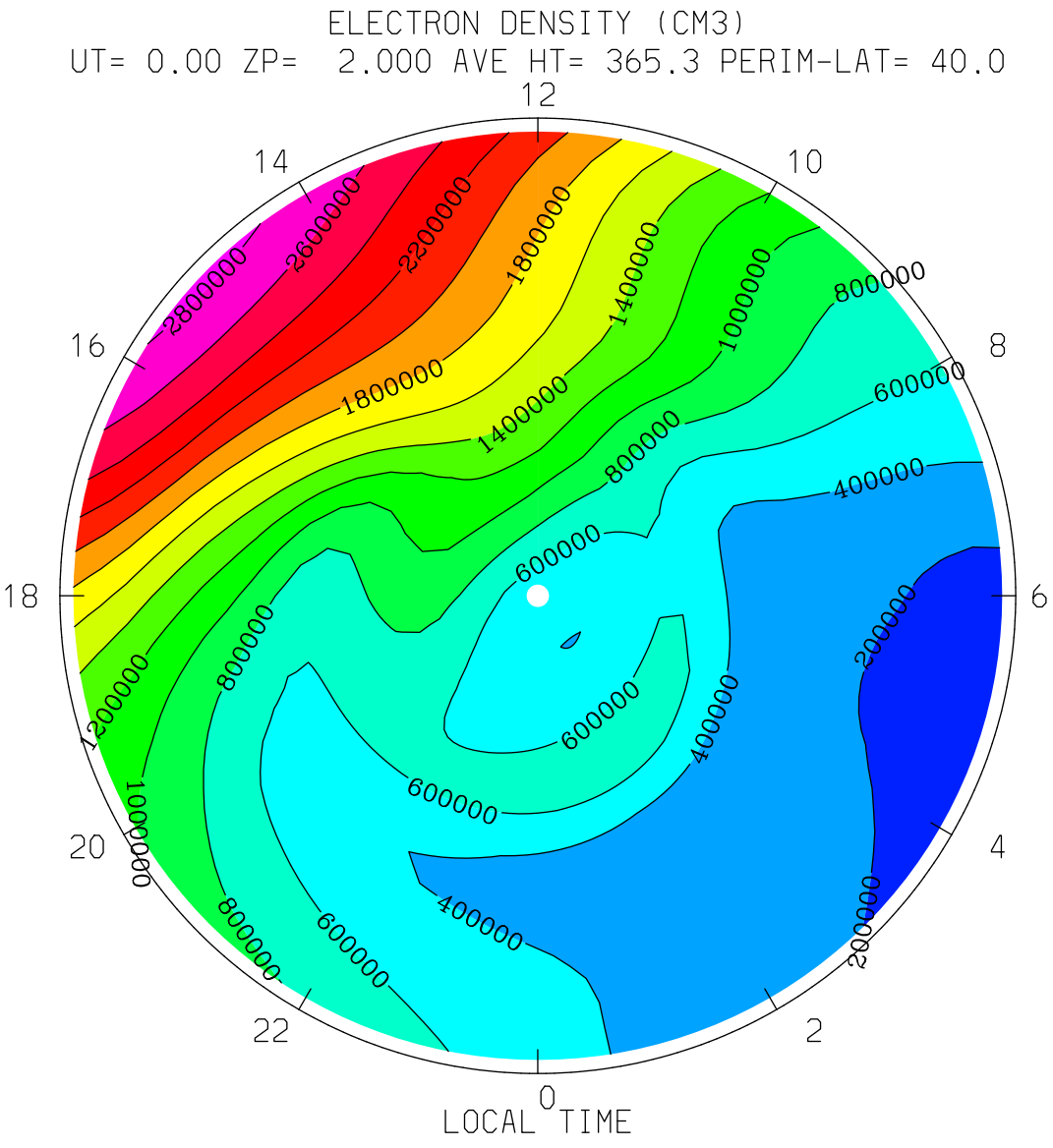
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

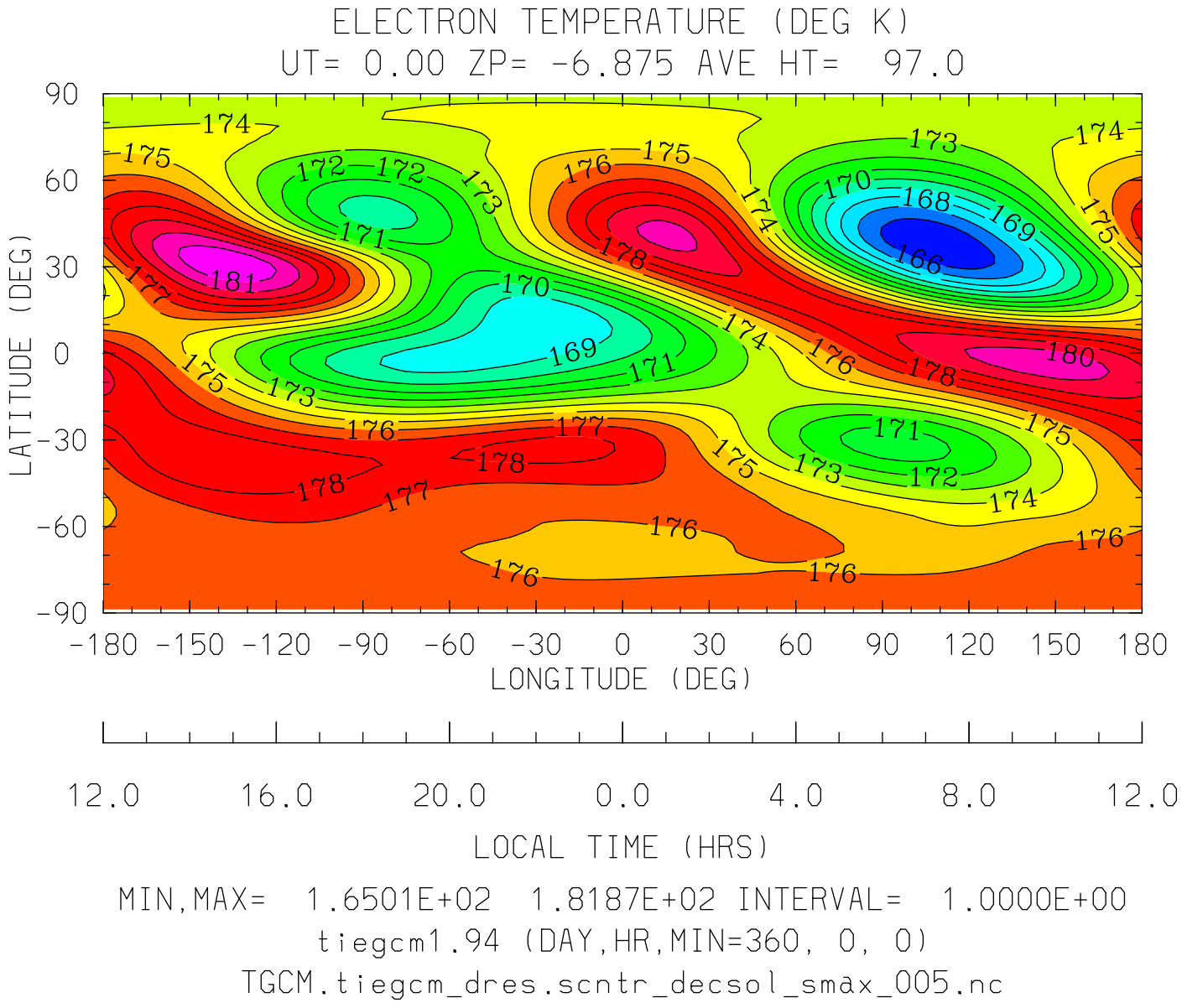


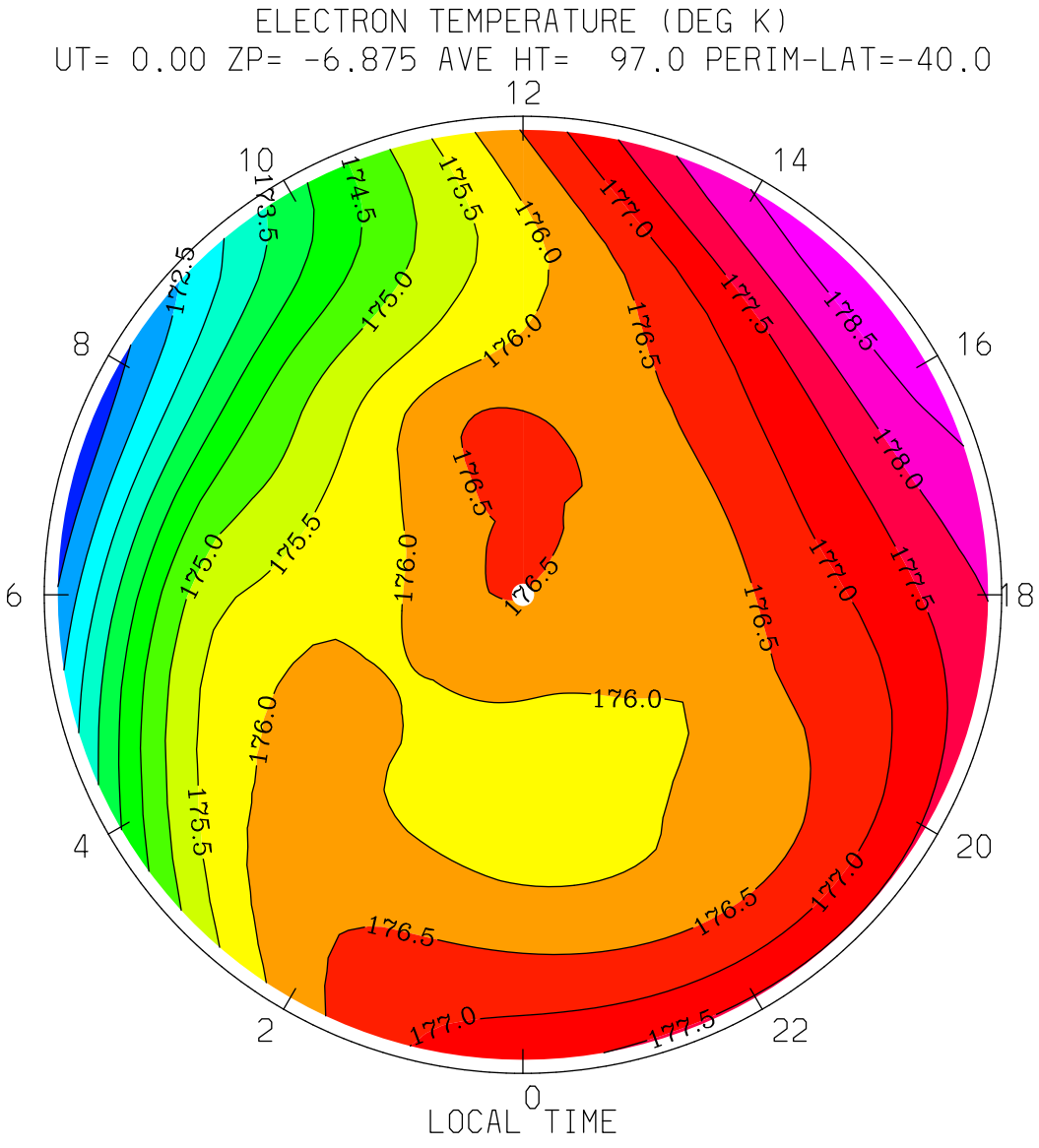
MIN,MAX= 1.0615E+05 1.8310E+06 INTERVAL= 1.0000E+05

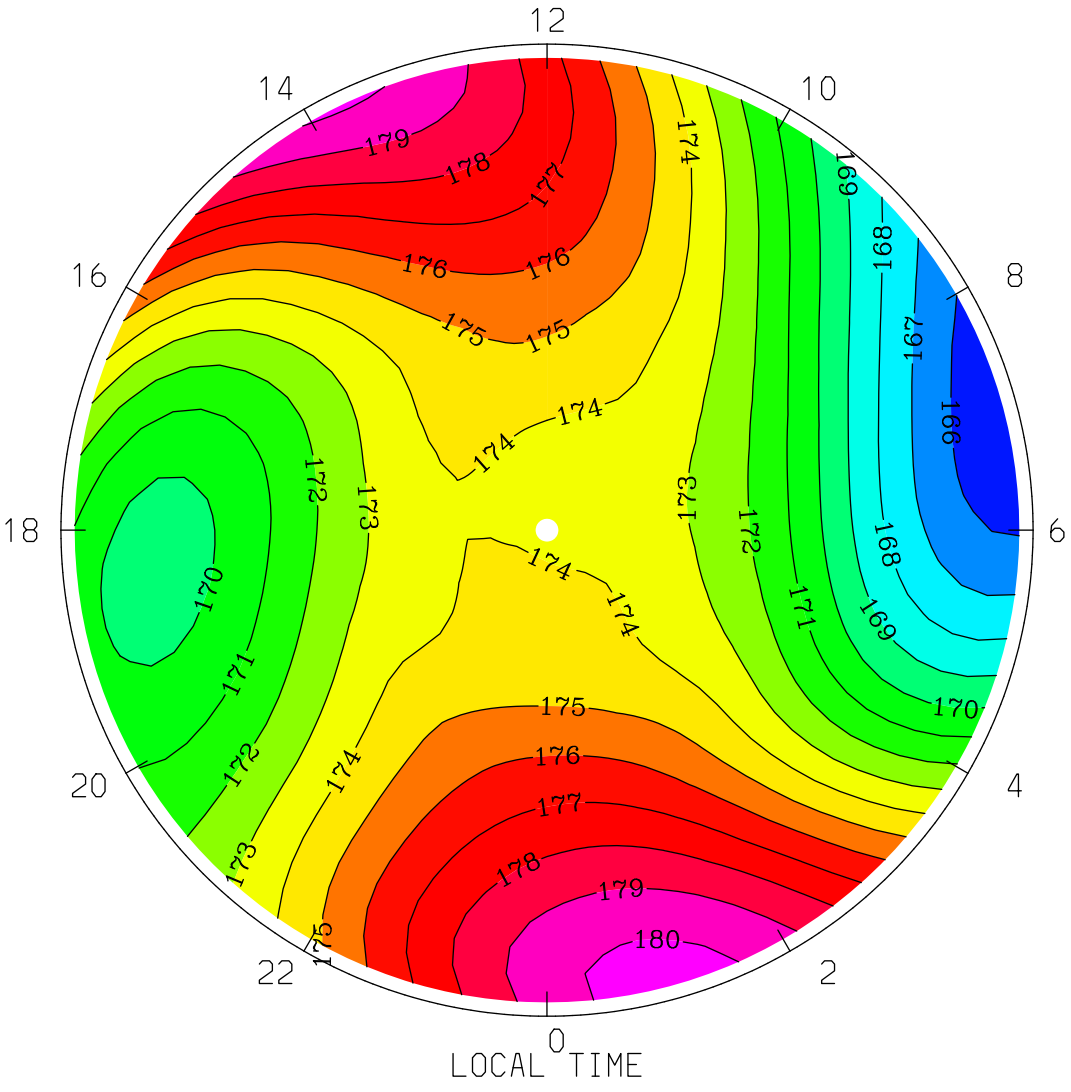
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

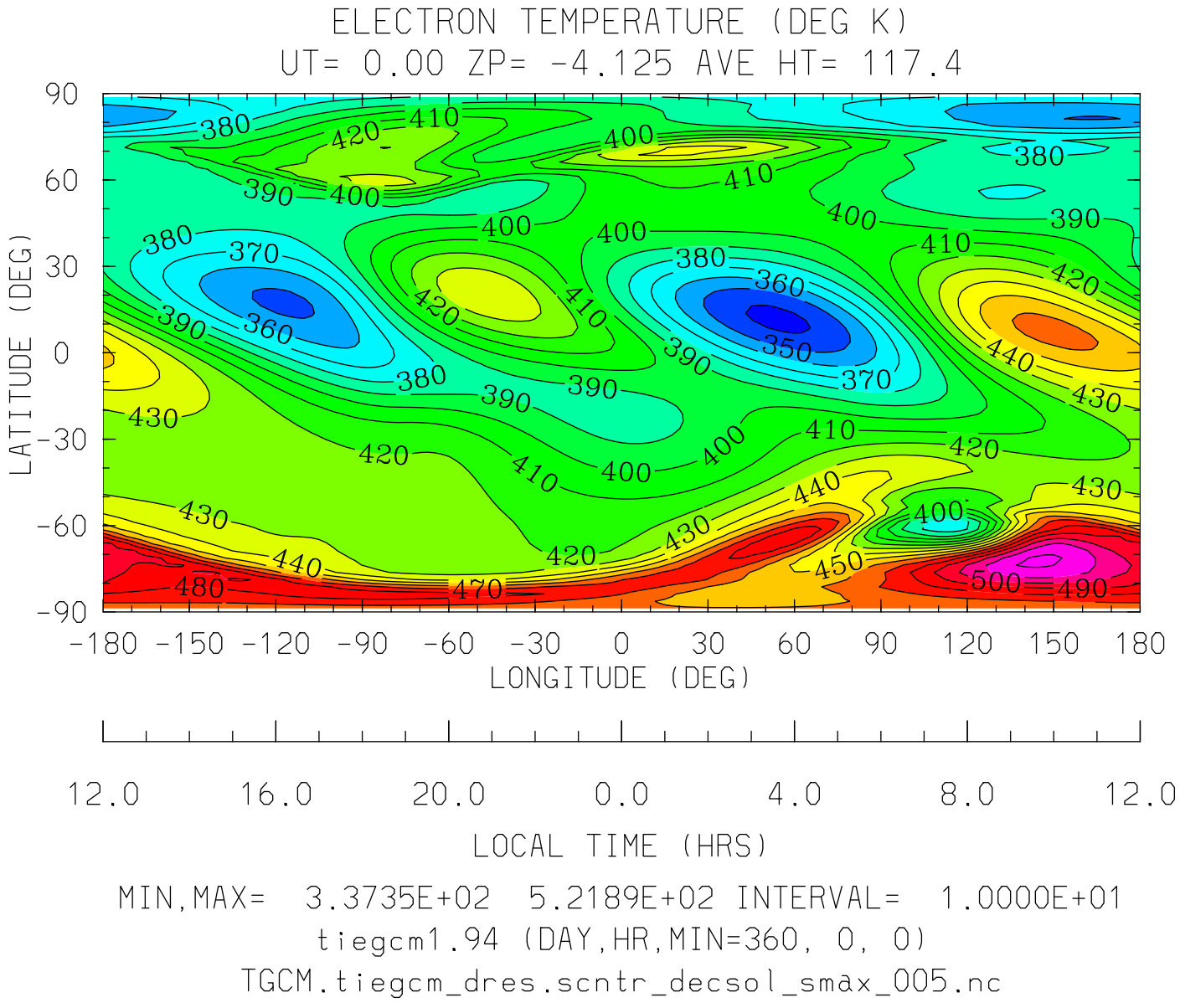
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 2.000 AVE HT= 365.3 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
2800000
2600000
2200000
1800000
1400000
1000000
800000
600000
400000
200000
MIN,MAX= 1.3241E+05 2.8484E+06 INTERVAL= 2.0000E+05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

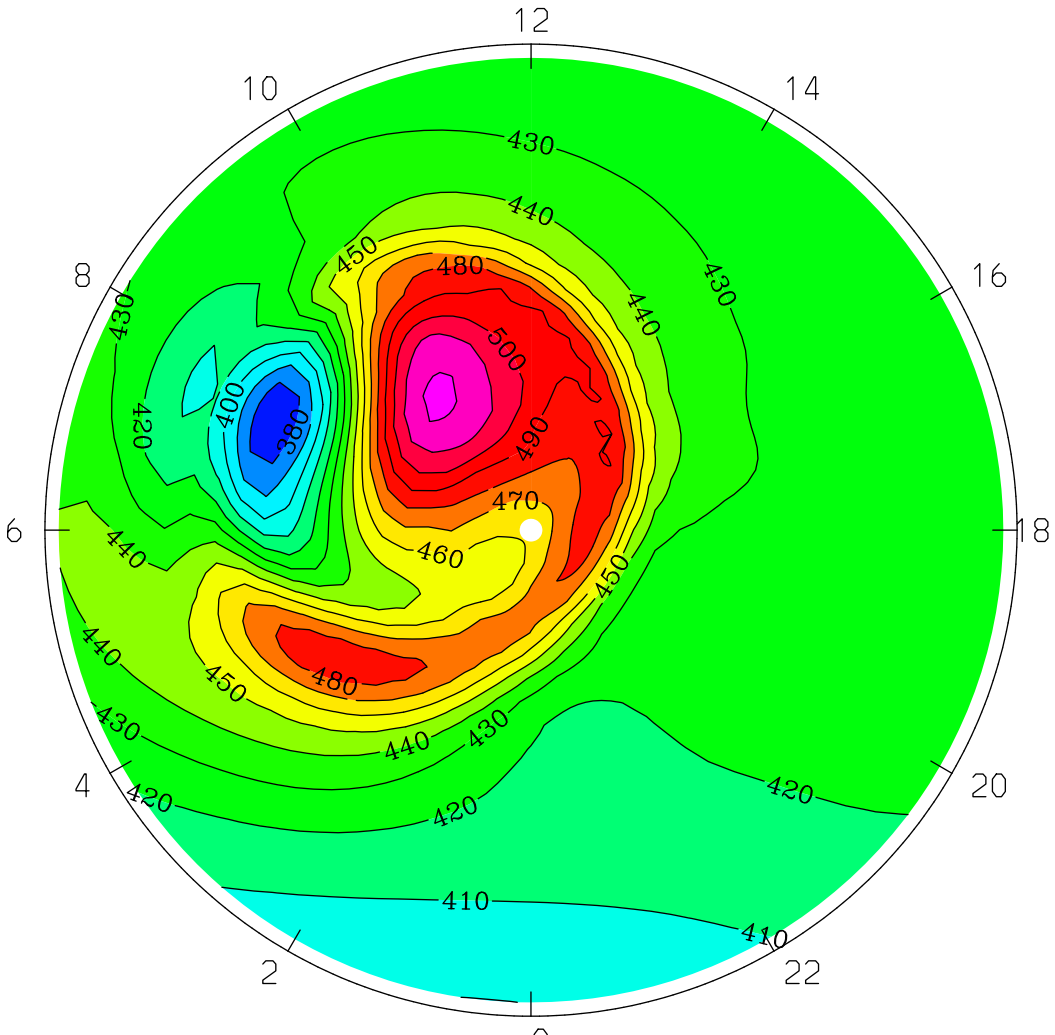

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.875 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.6501E+02 1.8187E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
14
16
18
20
22
0
2
4
6
8
10
172.5
173.5
174.5
175.0
175.5
176.0
176.5
177.0
177.5
178.0
178.5
LOCAL TIME
MIN,MAX= 1.7168E+02 1.7885E+02 INTERVAL= 5.0000E-01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

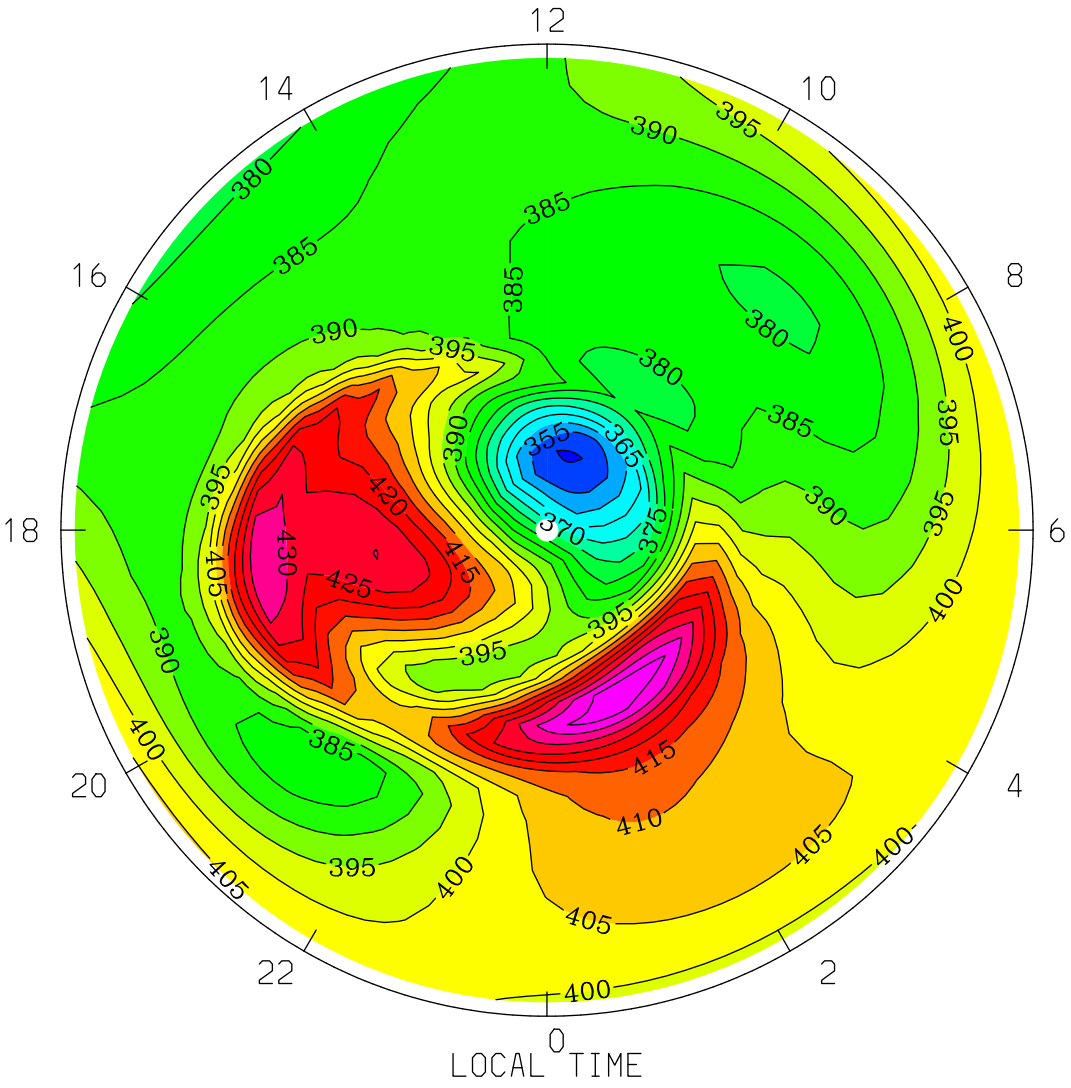

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 1.6515E+02 1.8038E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

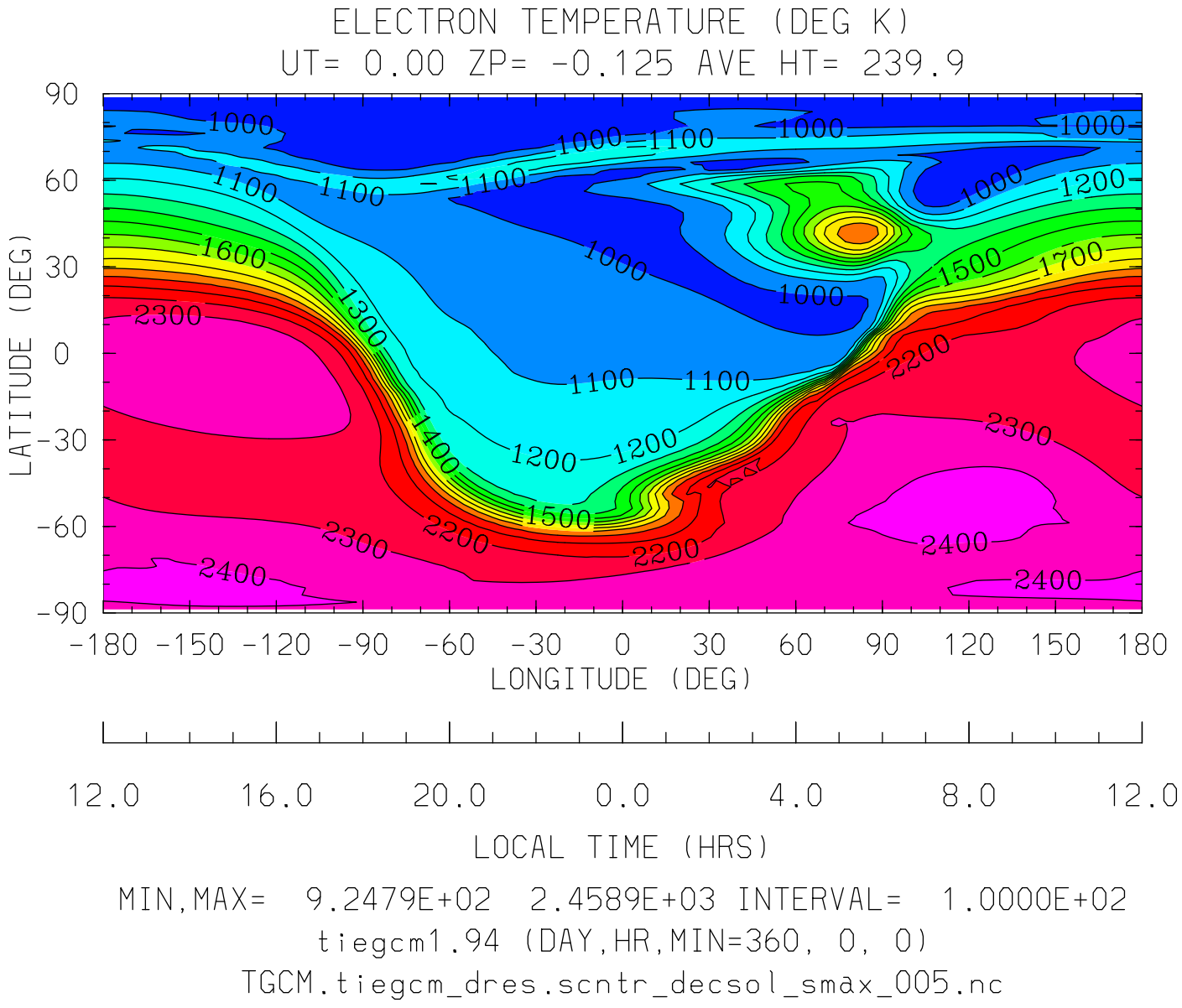

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 117.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.3735E+02 5.2189E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

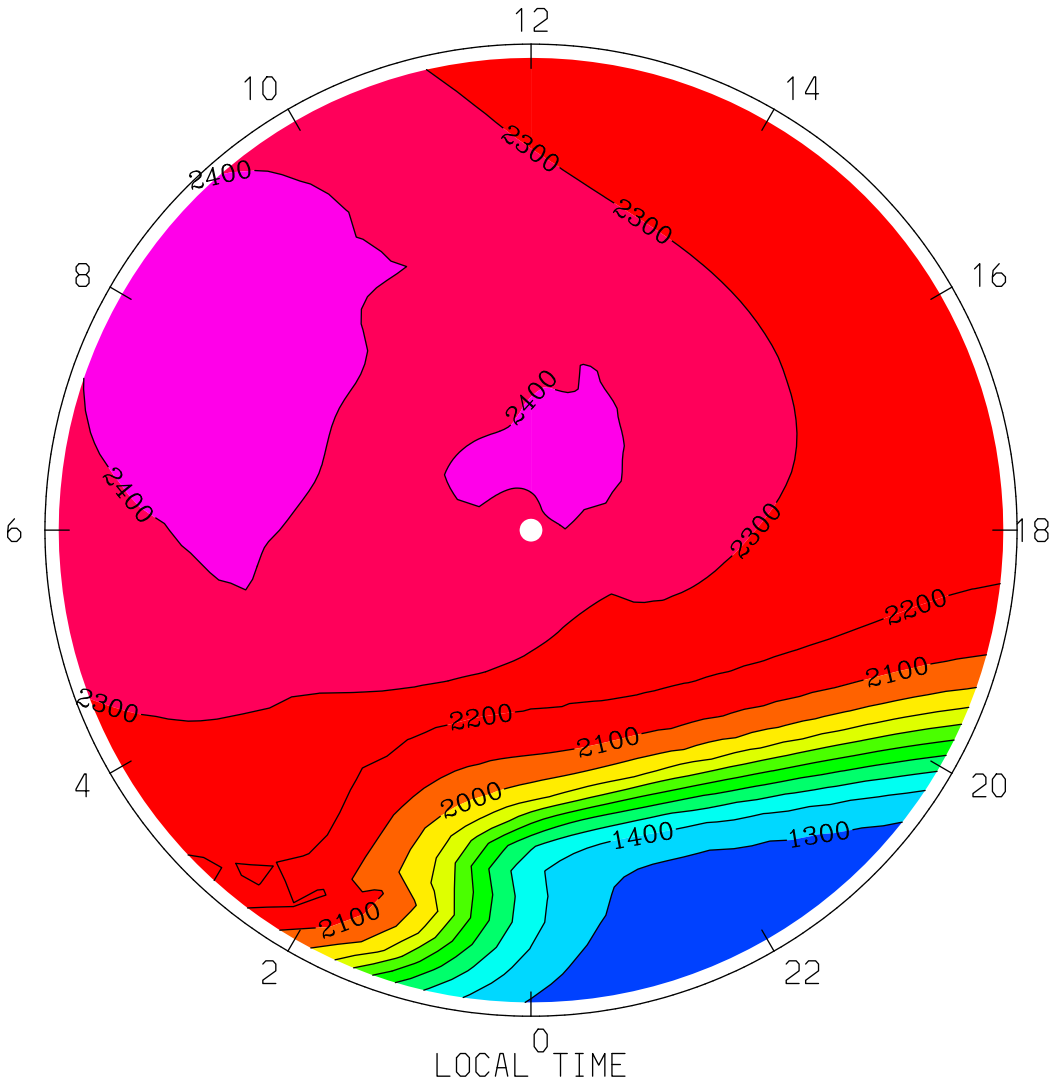
ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 117.4 PERIM-LAT=-40.0

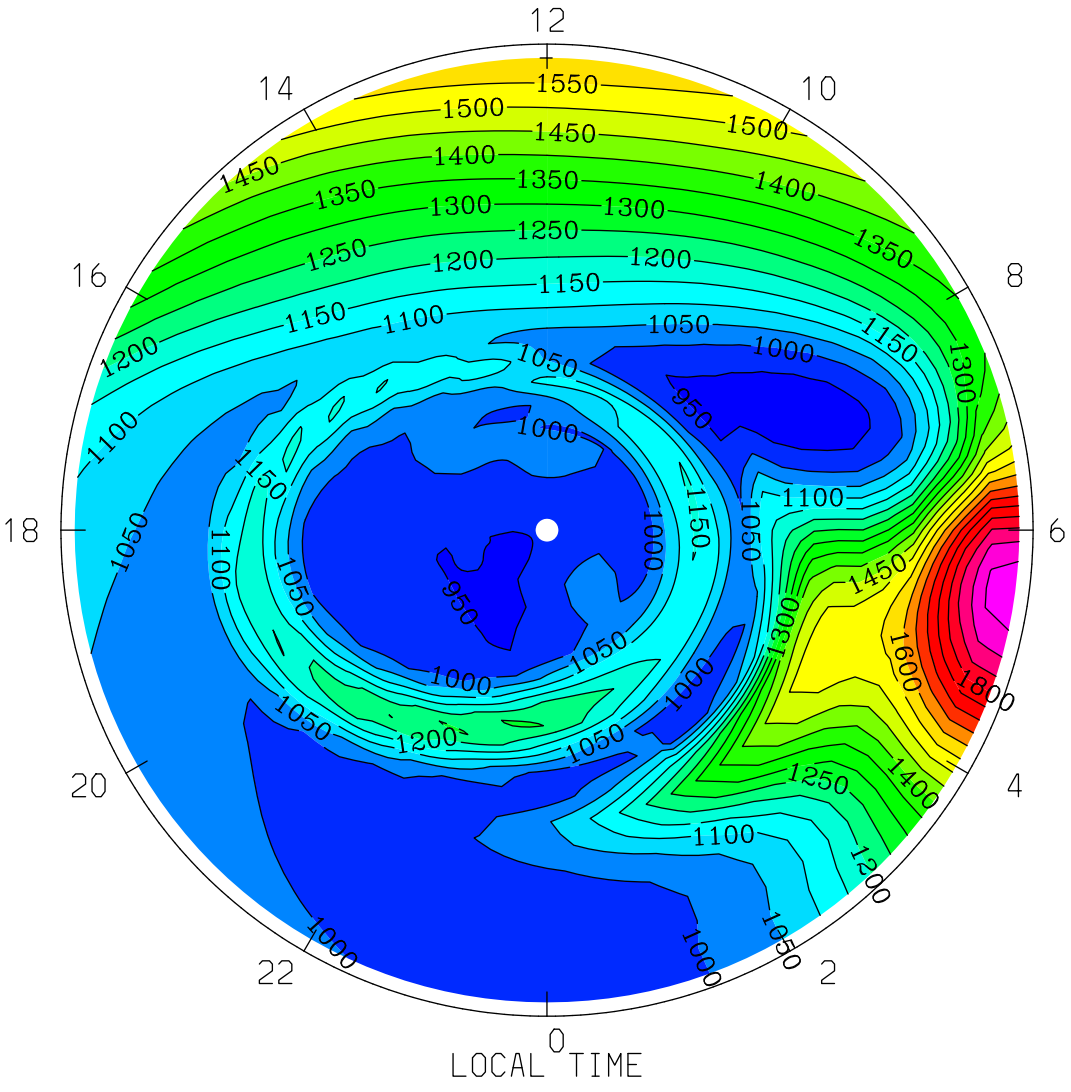


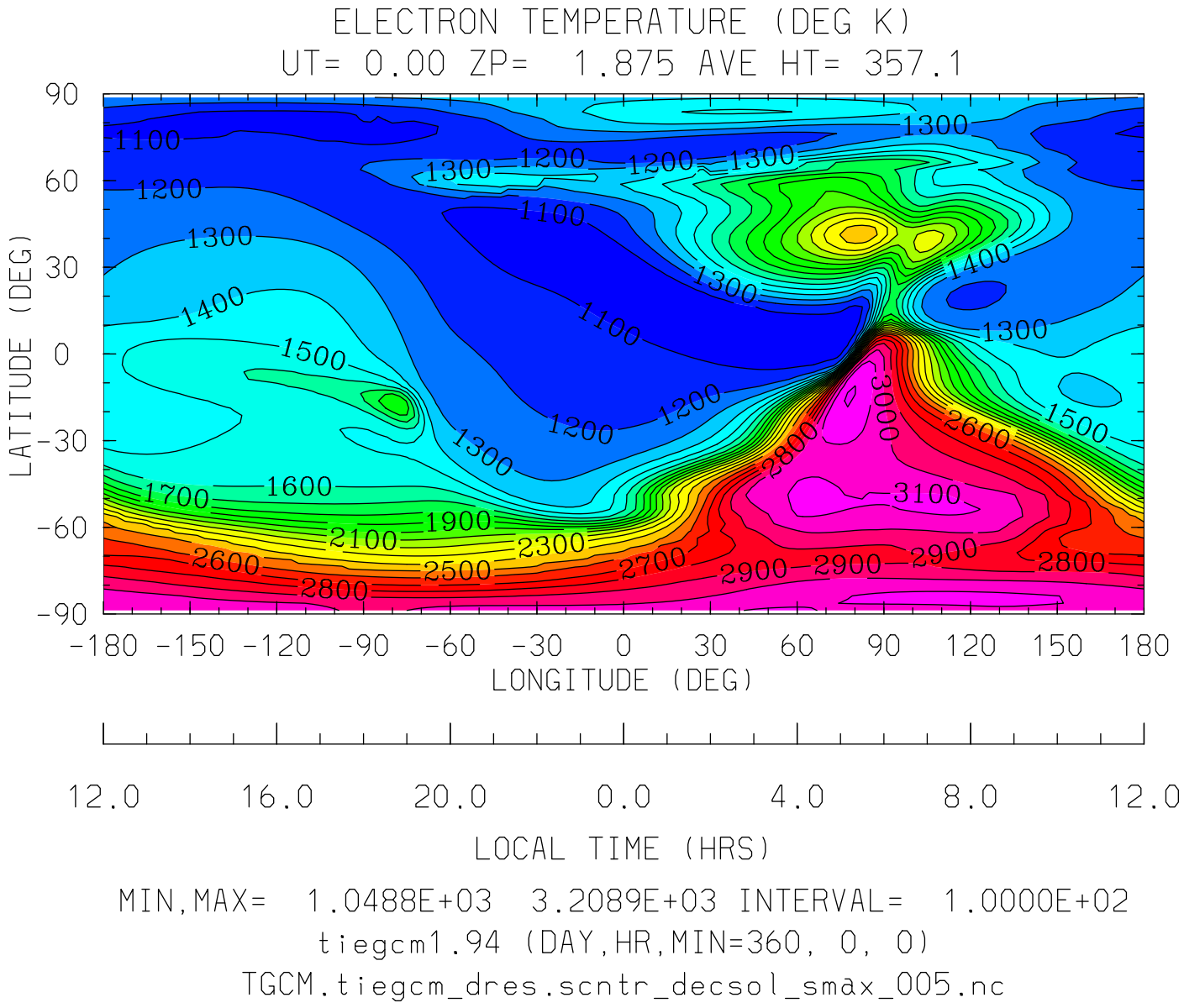
MIN,MAX= 3.7387E+02 5.2189E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

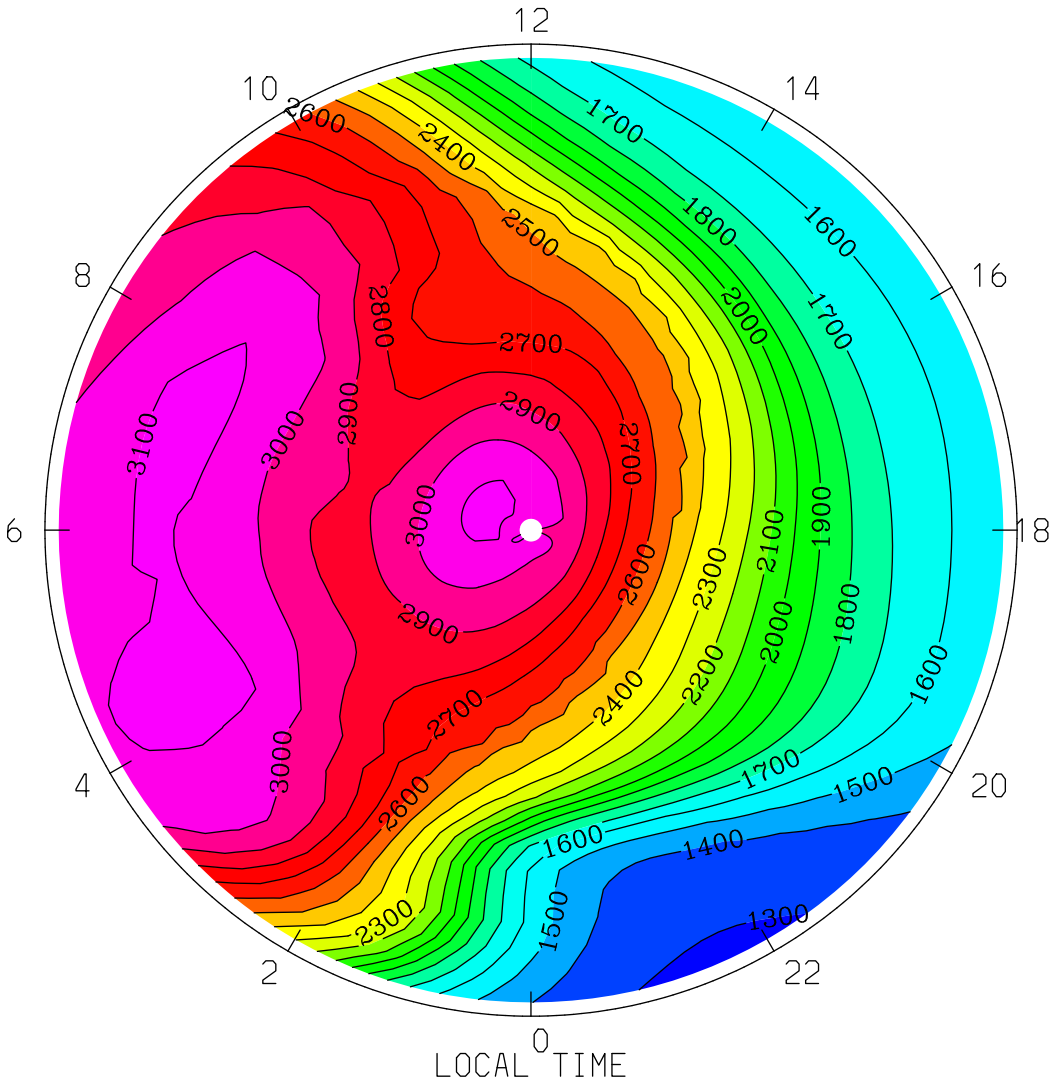

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 117.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 3.4940E+02 4.4356E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

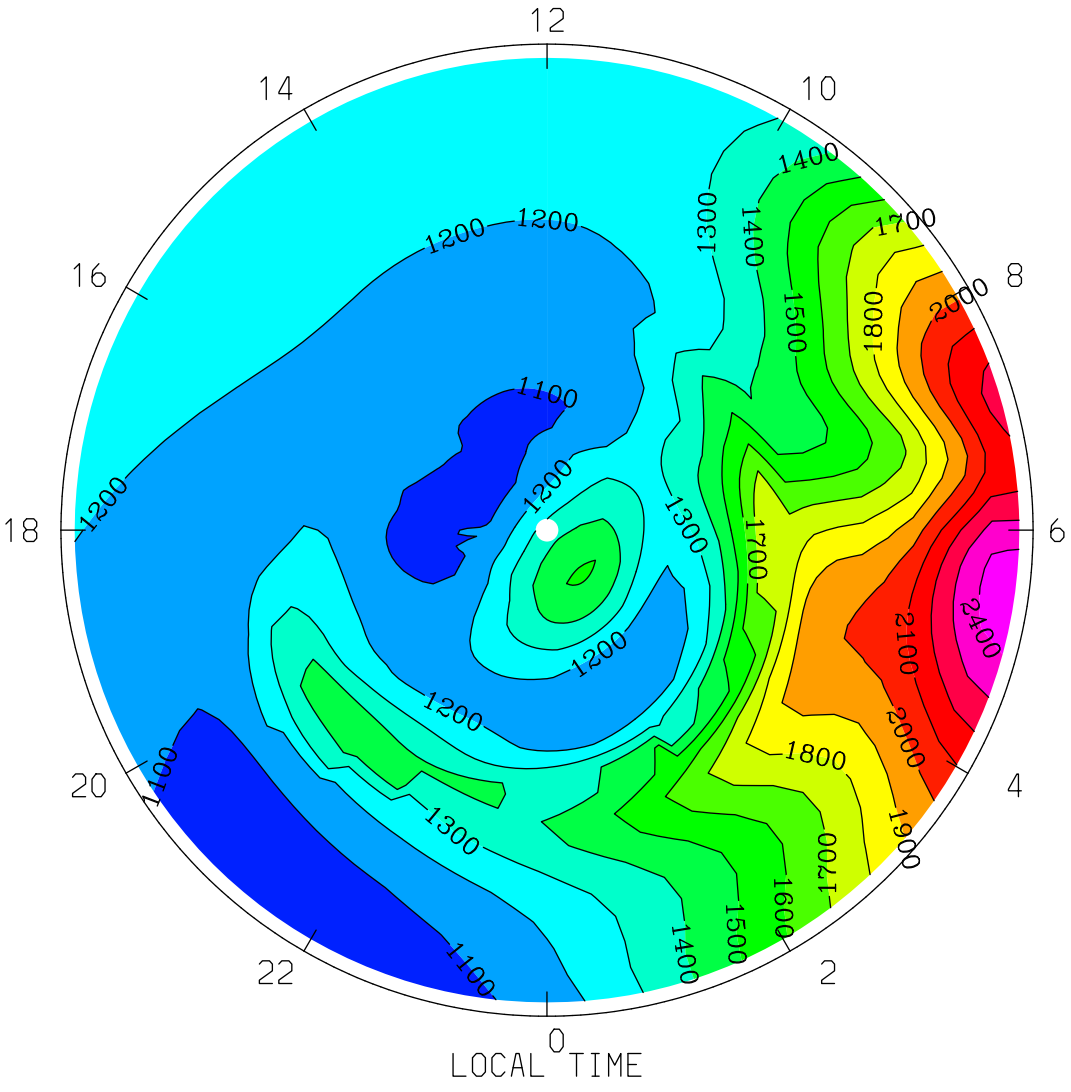

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 239.9
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.2479E+02 2.4589E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 239.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
2400
2300
2300
2400
2400
2300
2200
2100
2300
2200
2100
2000
1400
1300
2100
LOCAL TIME
MIN,MAX= 1.2237E+03 2.4589E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 239.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 9.2479E+02 1.9760E+03 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 357.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.0488E+03 3.2089E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

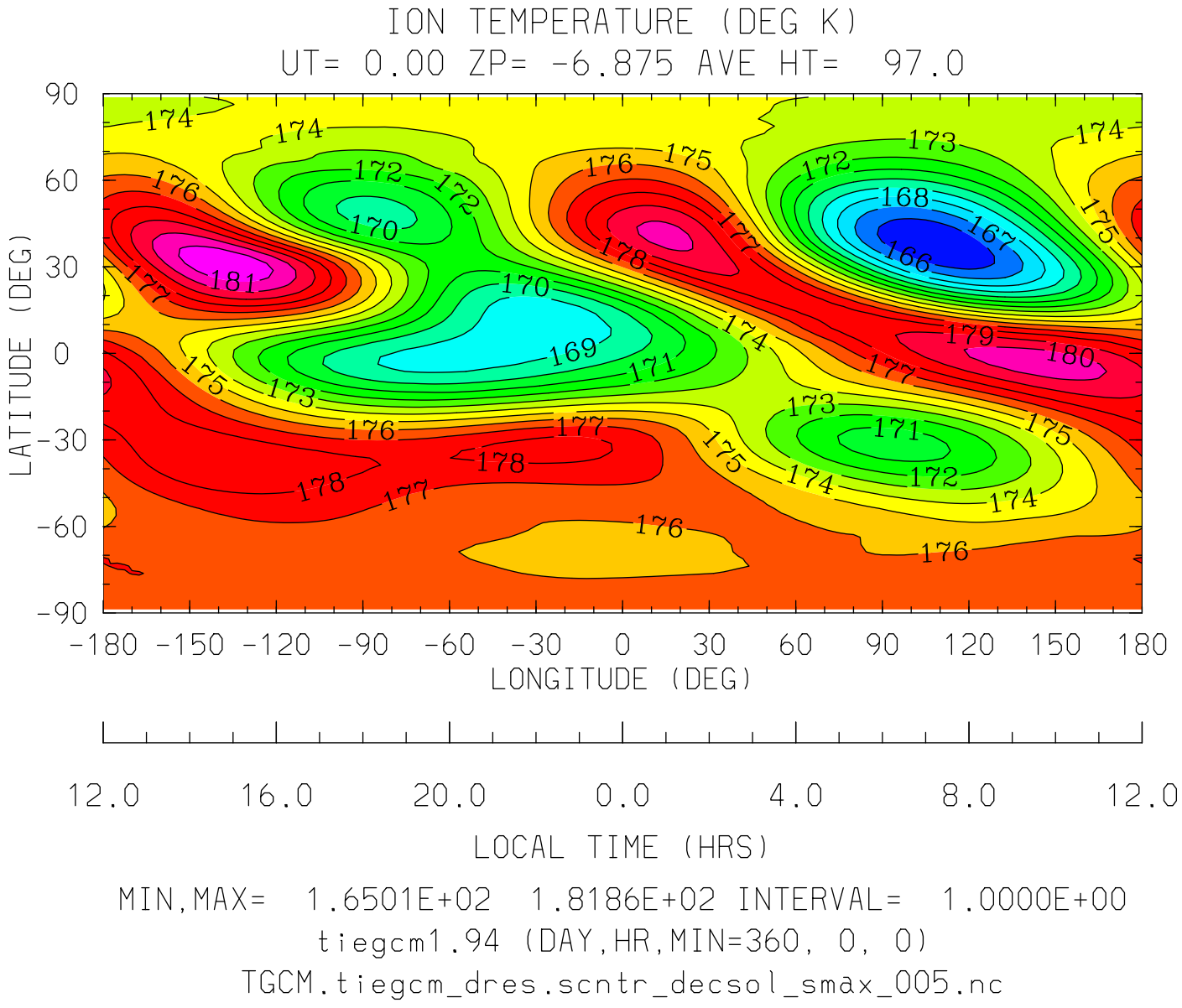

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 357.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 1.2827E+03 3.1513E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

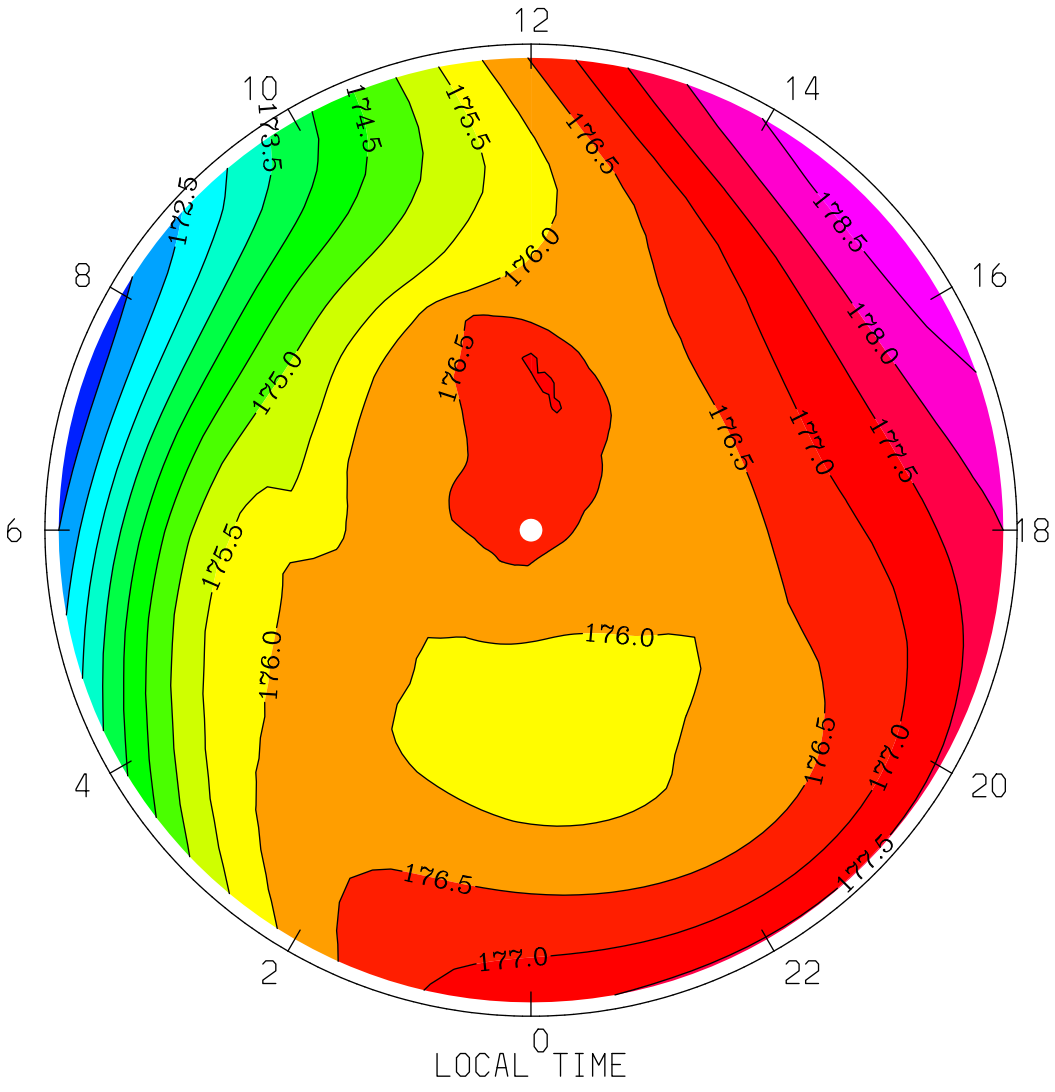


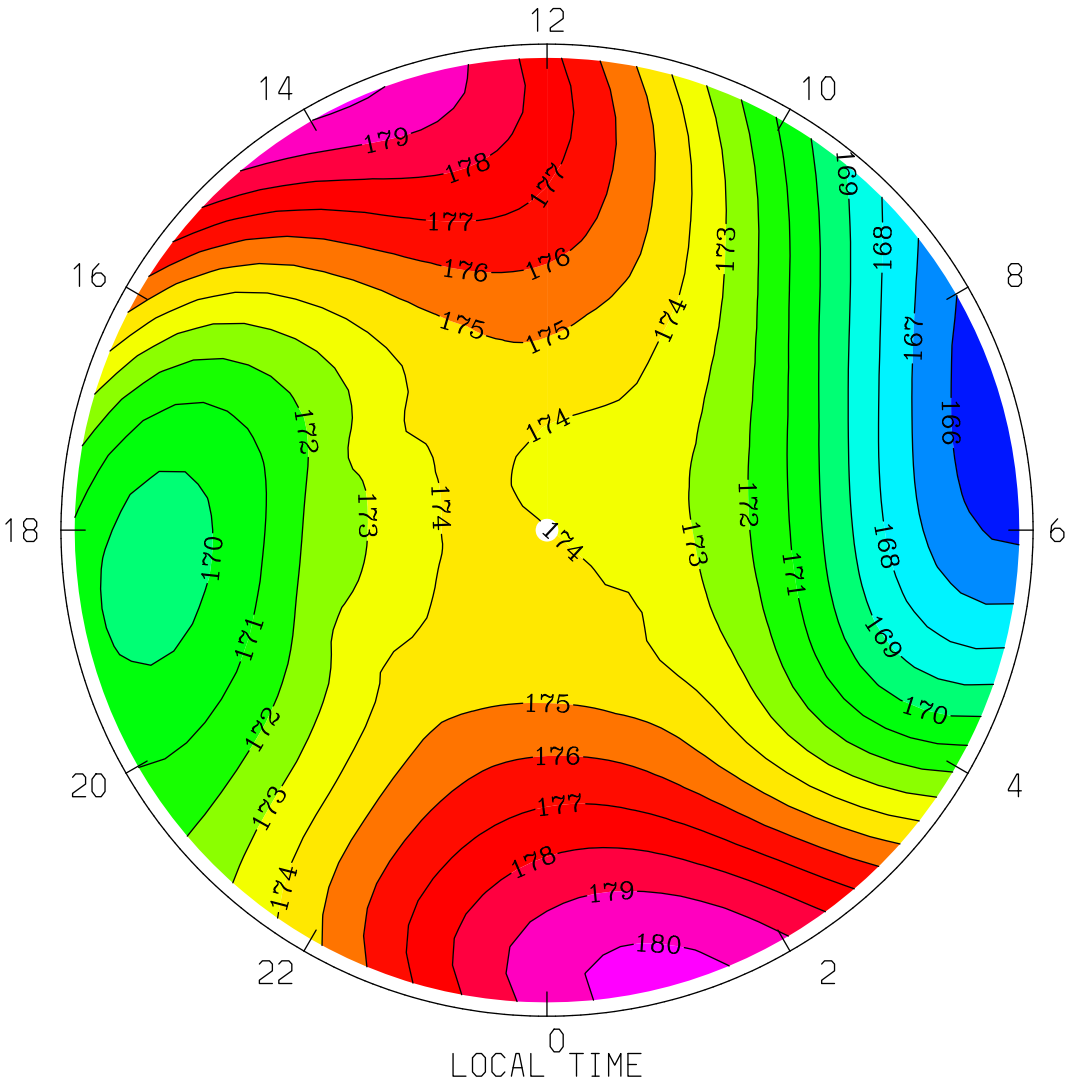
MIN,MAX= 1.0575E+03 2.4545E+03 INTERVAL= 1.0000E+02

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.875 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.6501E+02 1.8186E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

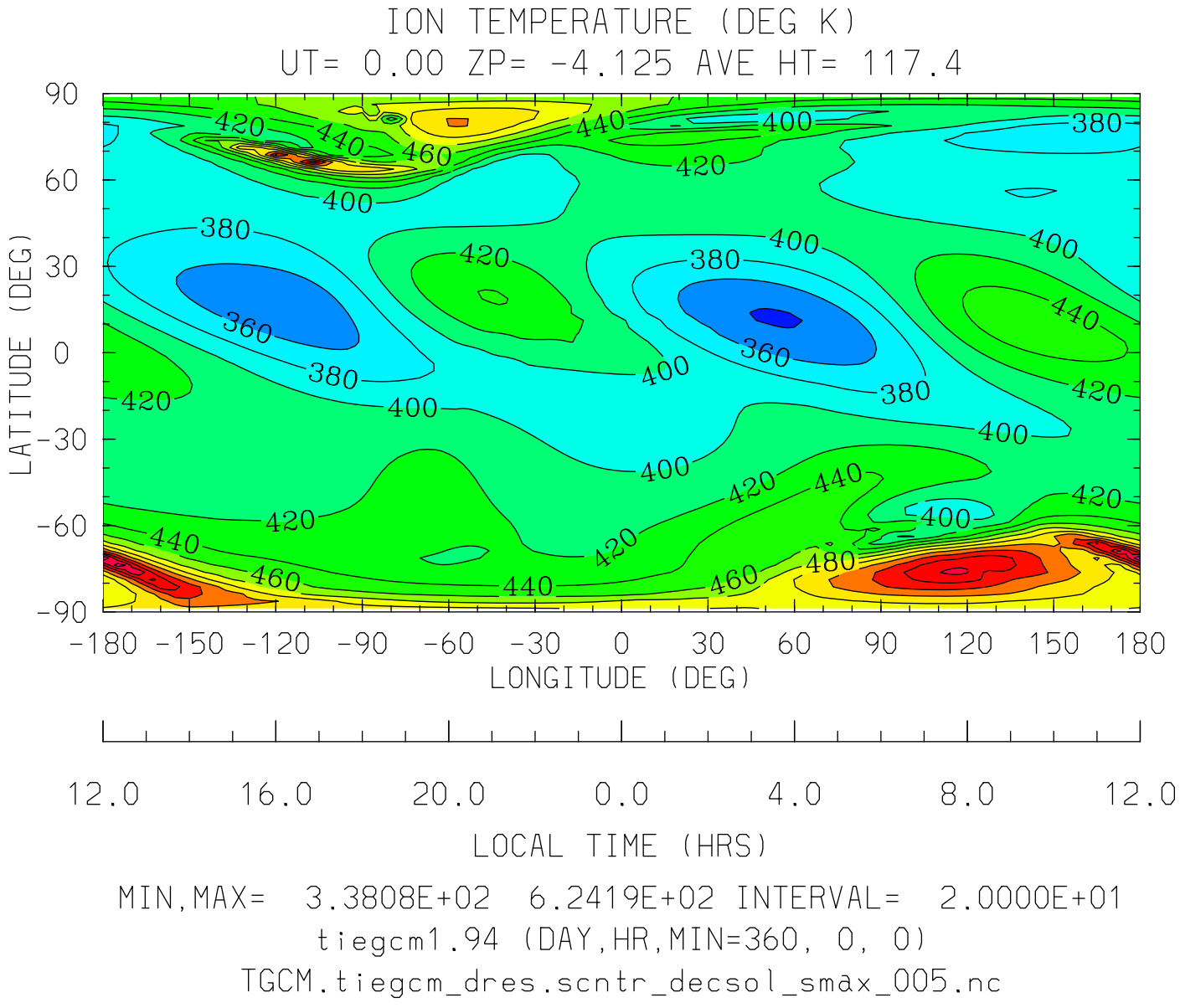

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
172.5
173.5
174.5
175.5
176.5
178.5
178.0
177.5
177.0
176.0
175.0
MIN,MAX= 1.7168E+02 1.7885E+02 INTERVAL= 5.0000E-01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

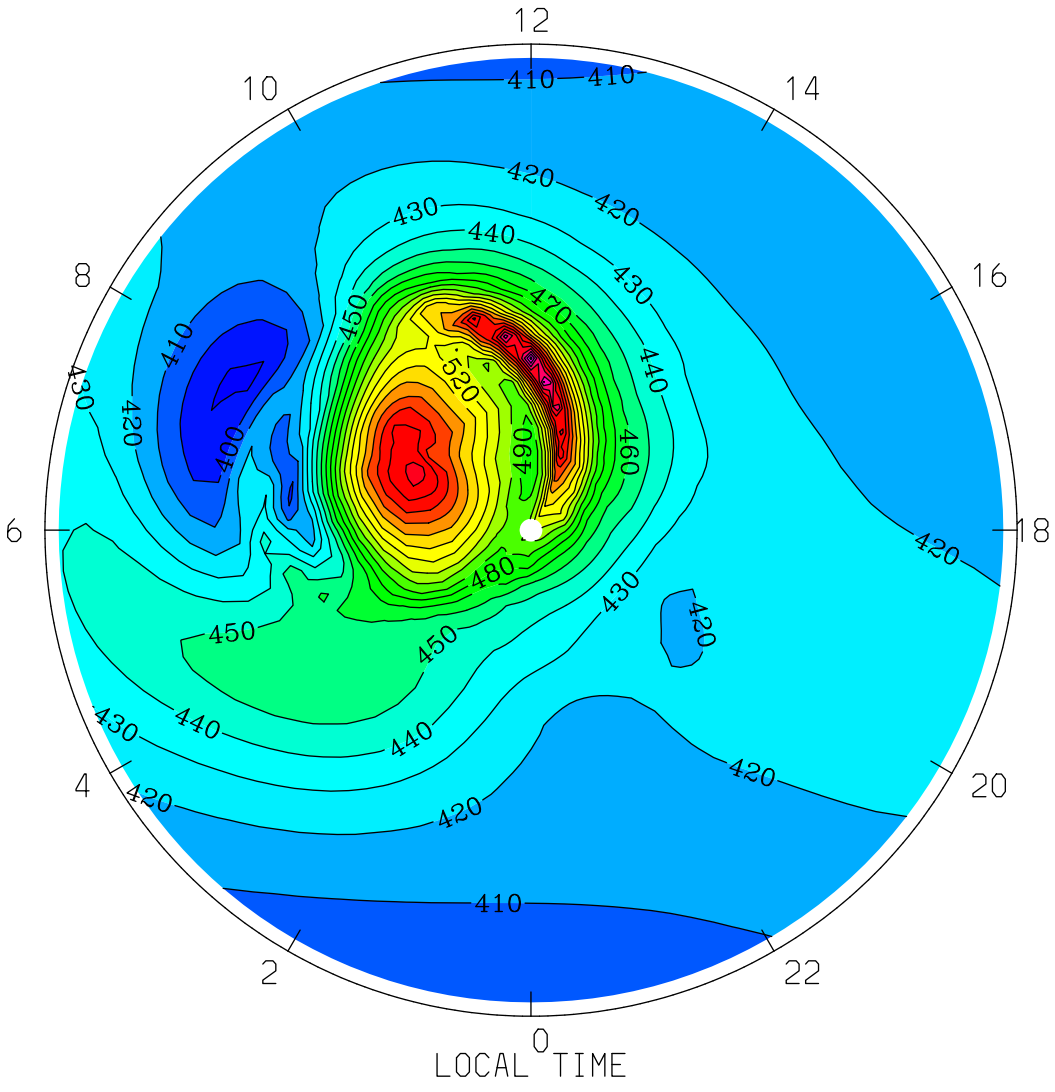


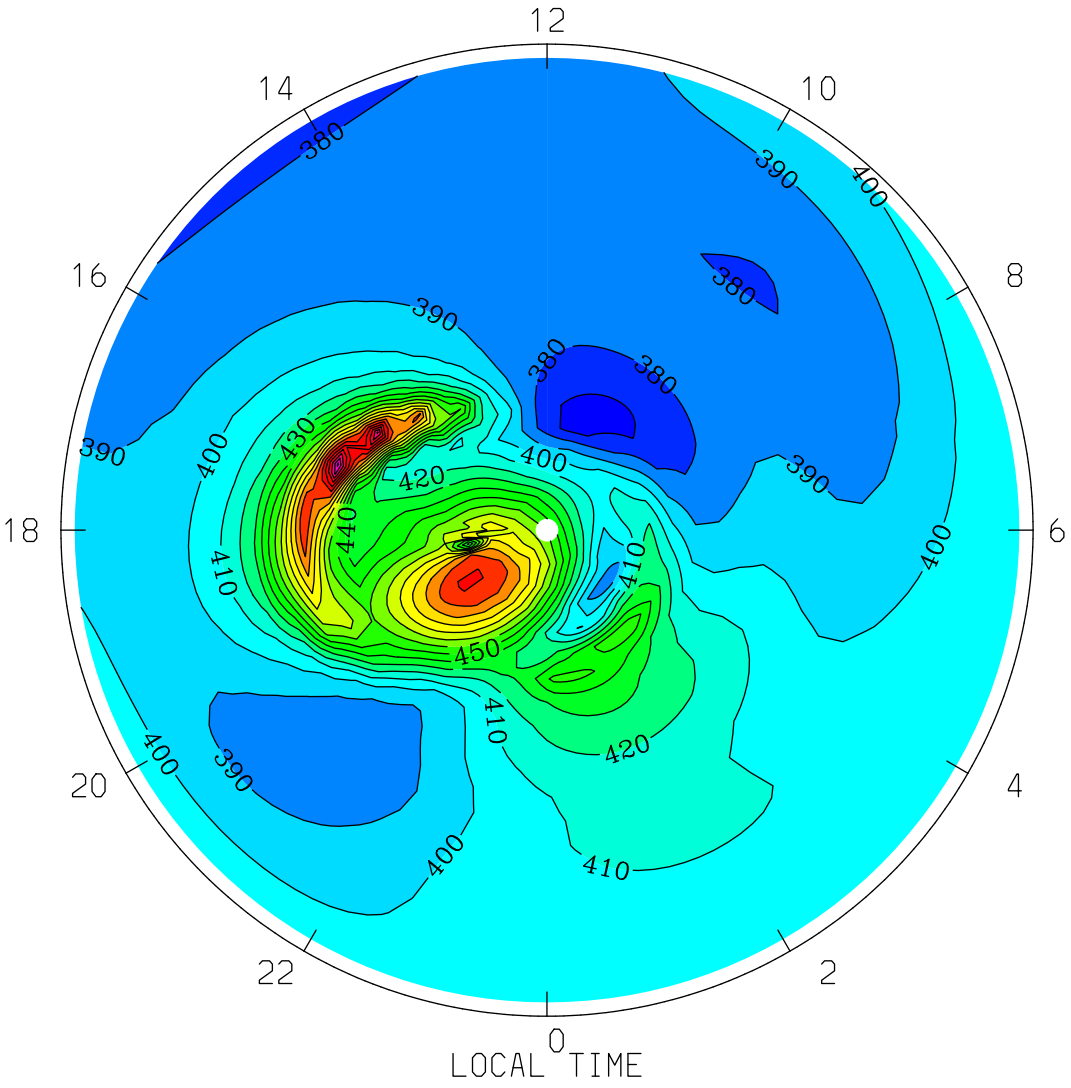
MIN,MAX= 1.6515E+02 1.8035E+02 INTERVAL= 1.0000E+00

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 117.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.3808E+02 6.2419E+02 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

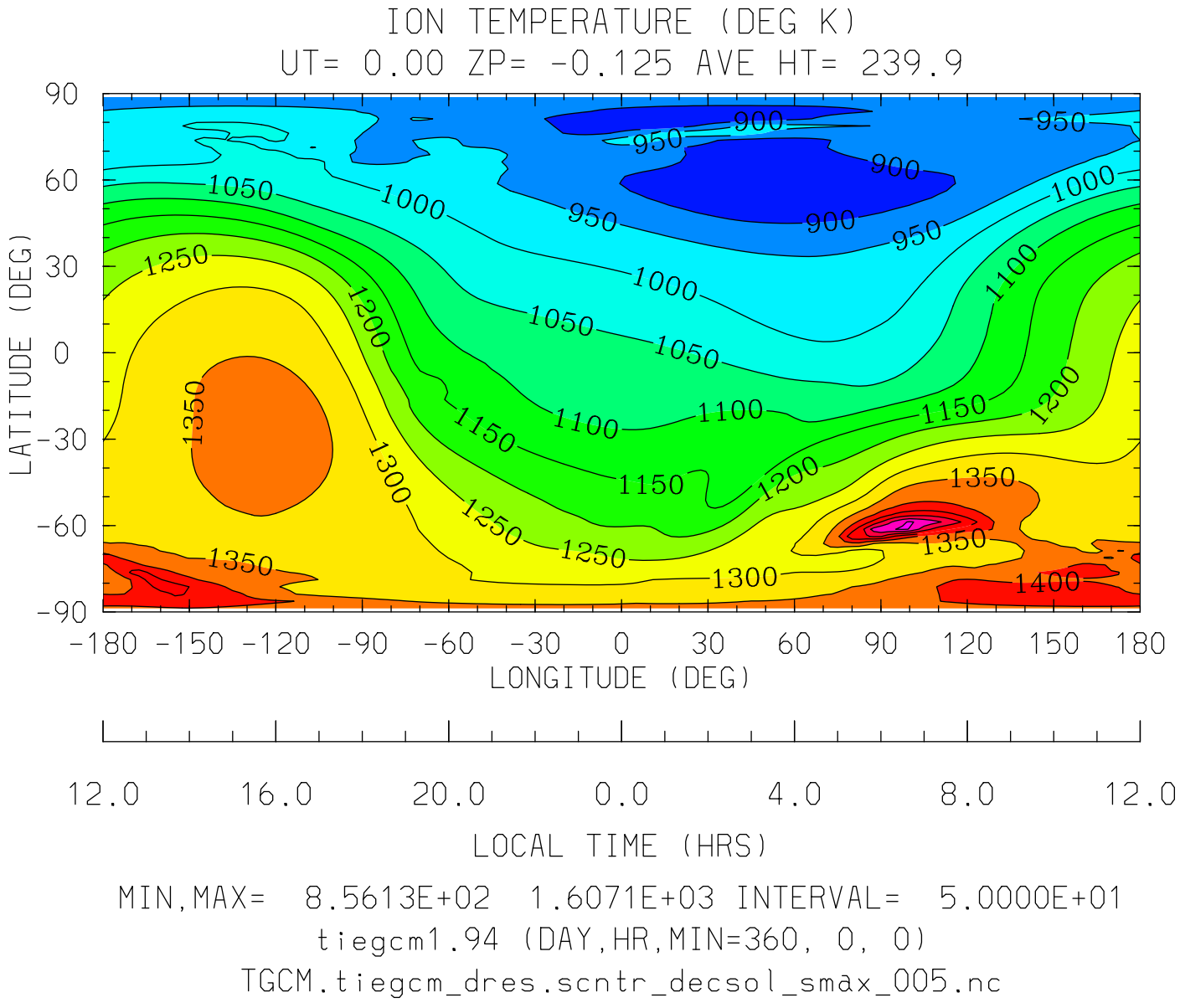

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 117.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
410
420
430
440
450
460
470
480
520
MIN,MAX= 3.8912E+02 6.2419E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

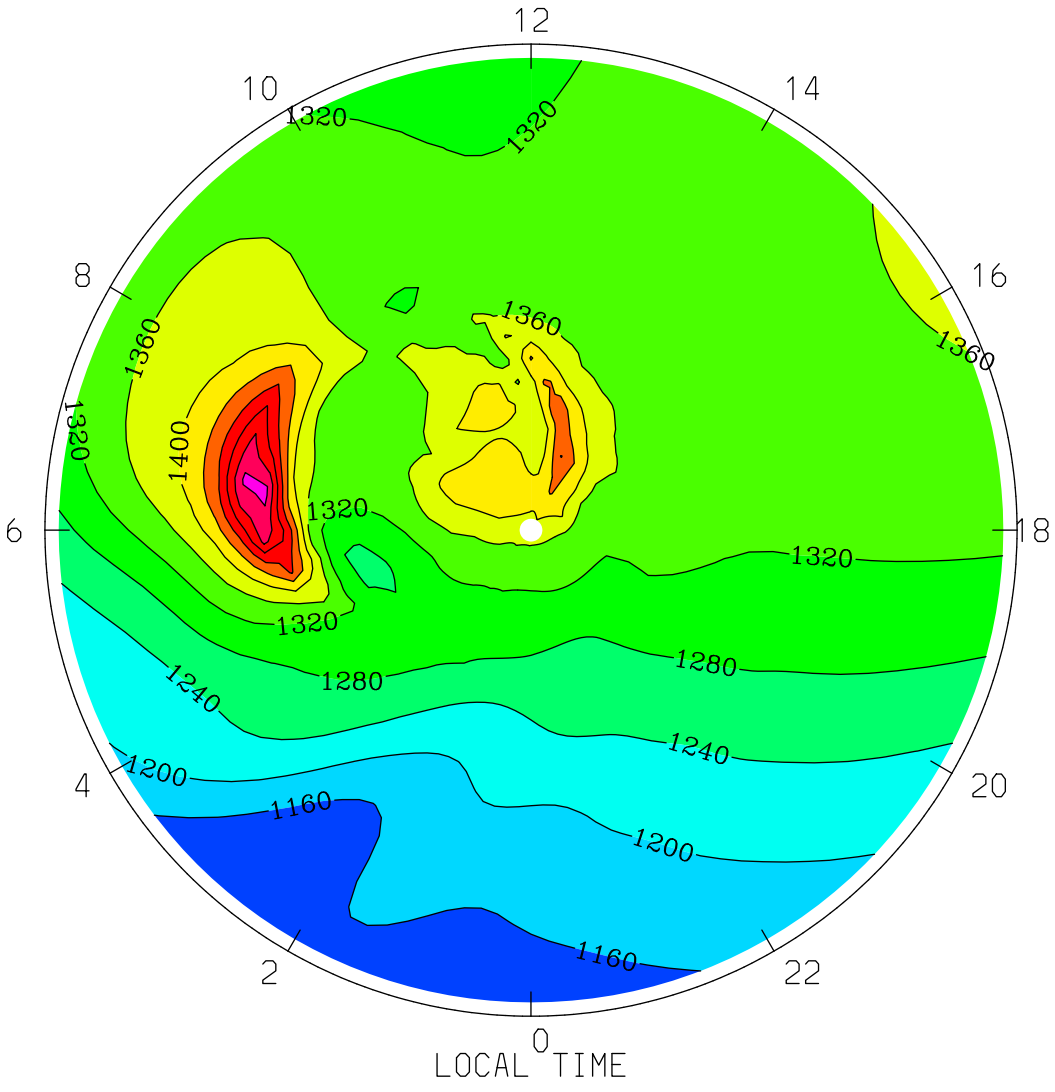


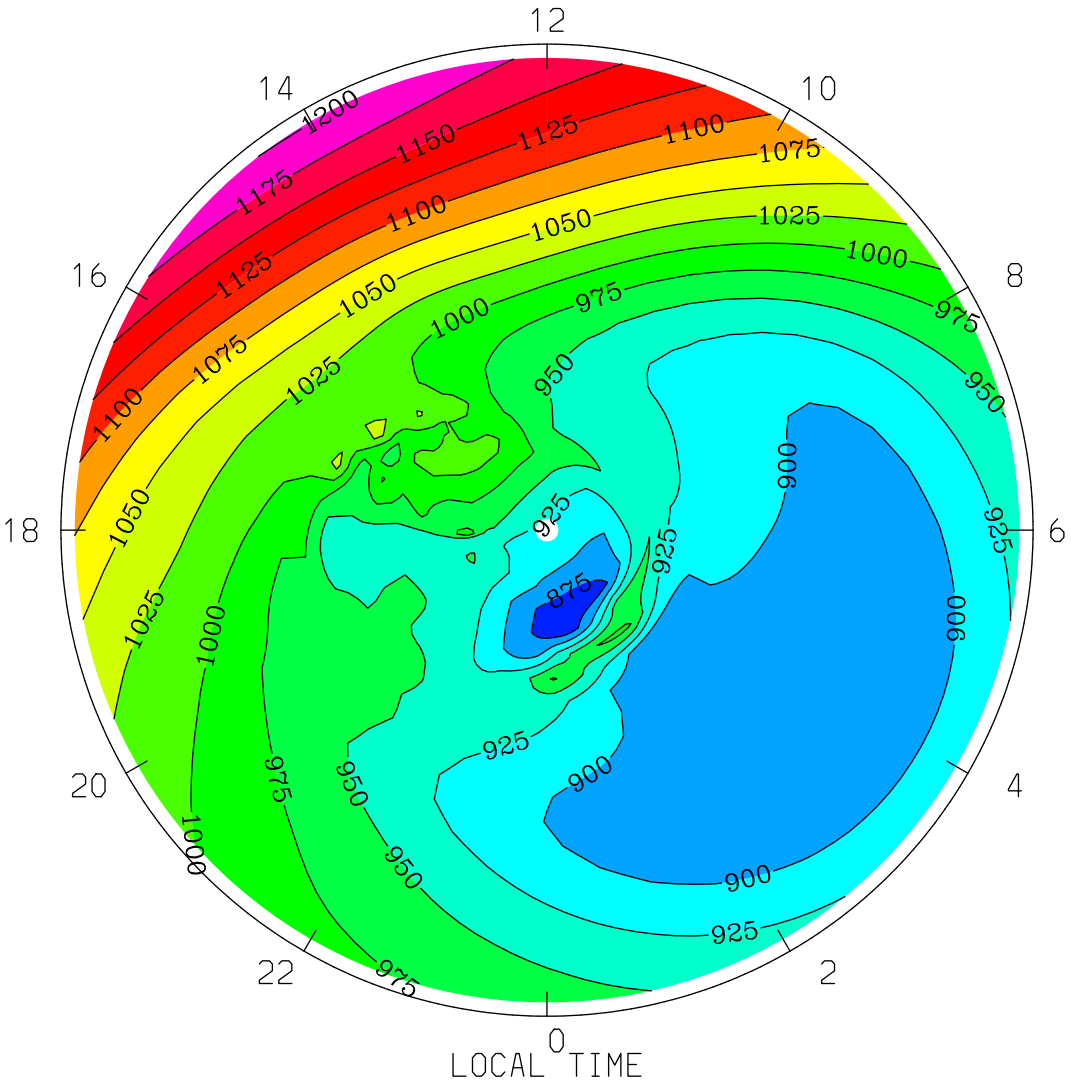
MIN,MAX= 3.6570E+02 5.7224E+02 INTERVAL= 1.0000E+01

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 239.9
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 8.5613E+02 1.6071E+03 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

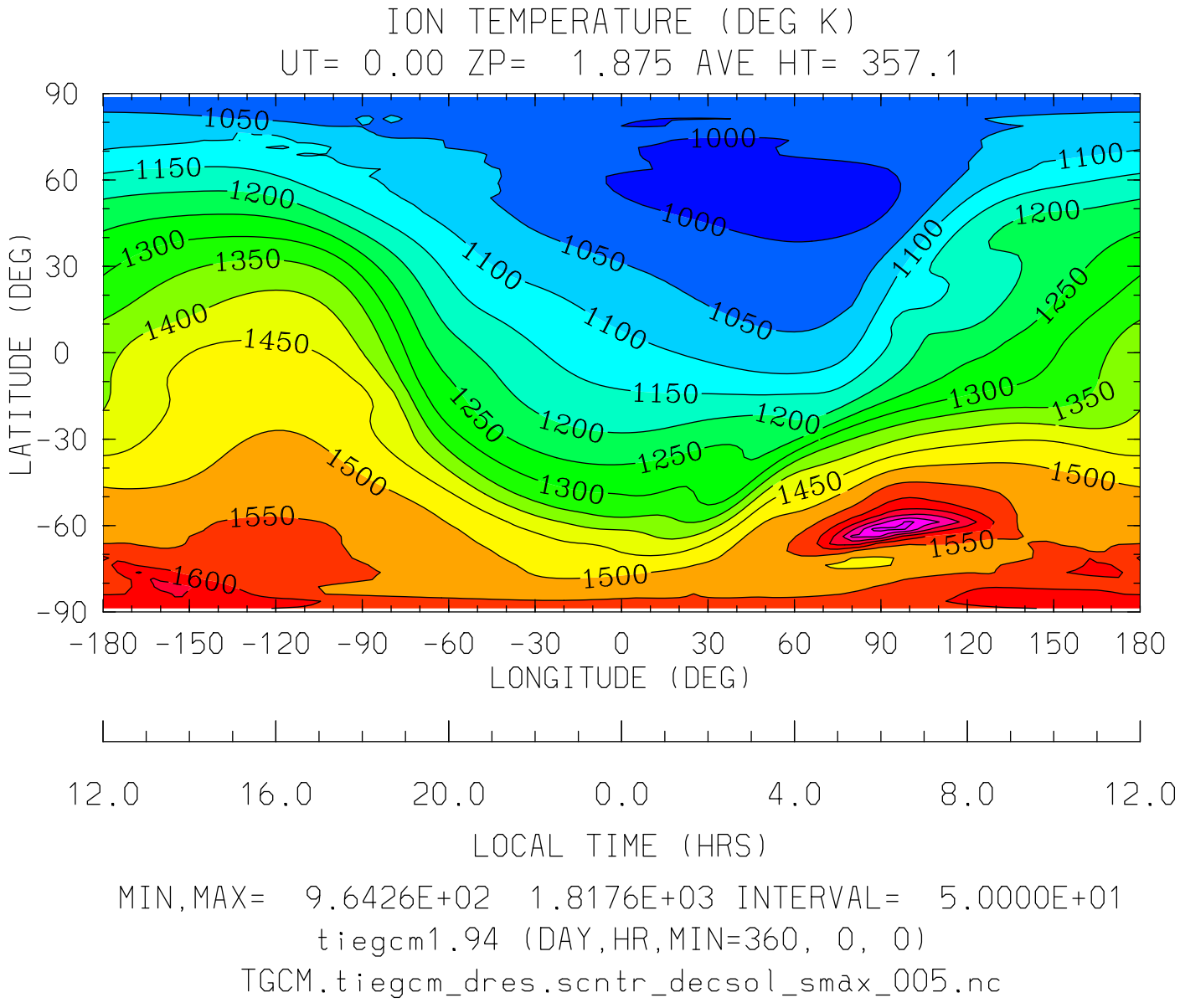

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 239.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
1320
1360
1400
1280
1240
1200
1160
LOCAL TIME
MIN,MAX= 1.1243E+03 1.6071E+03 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

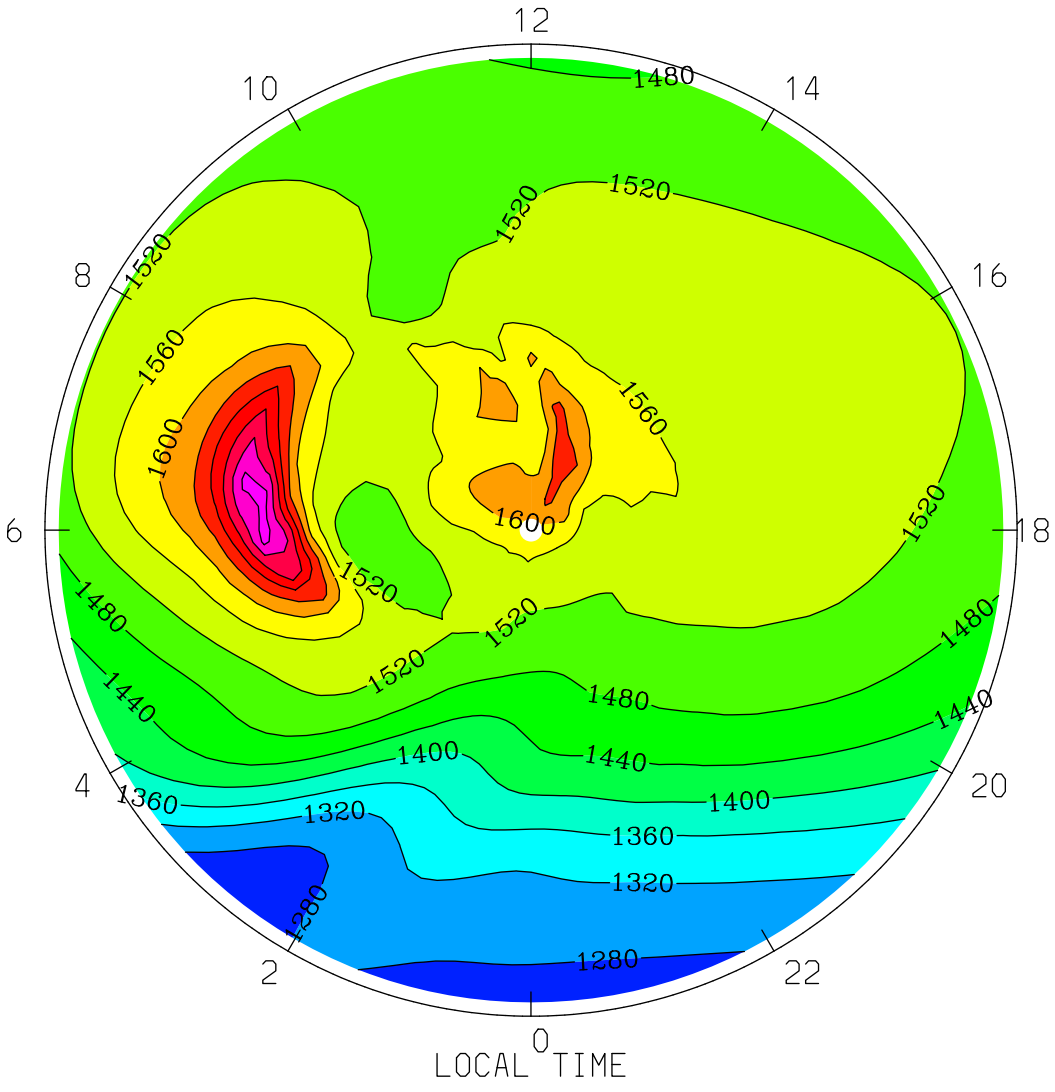


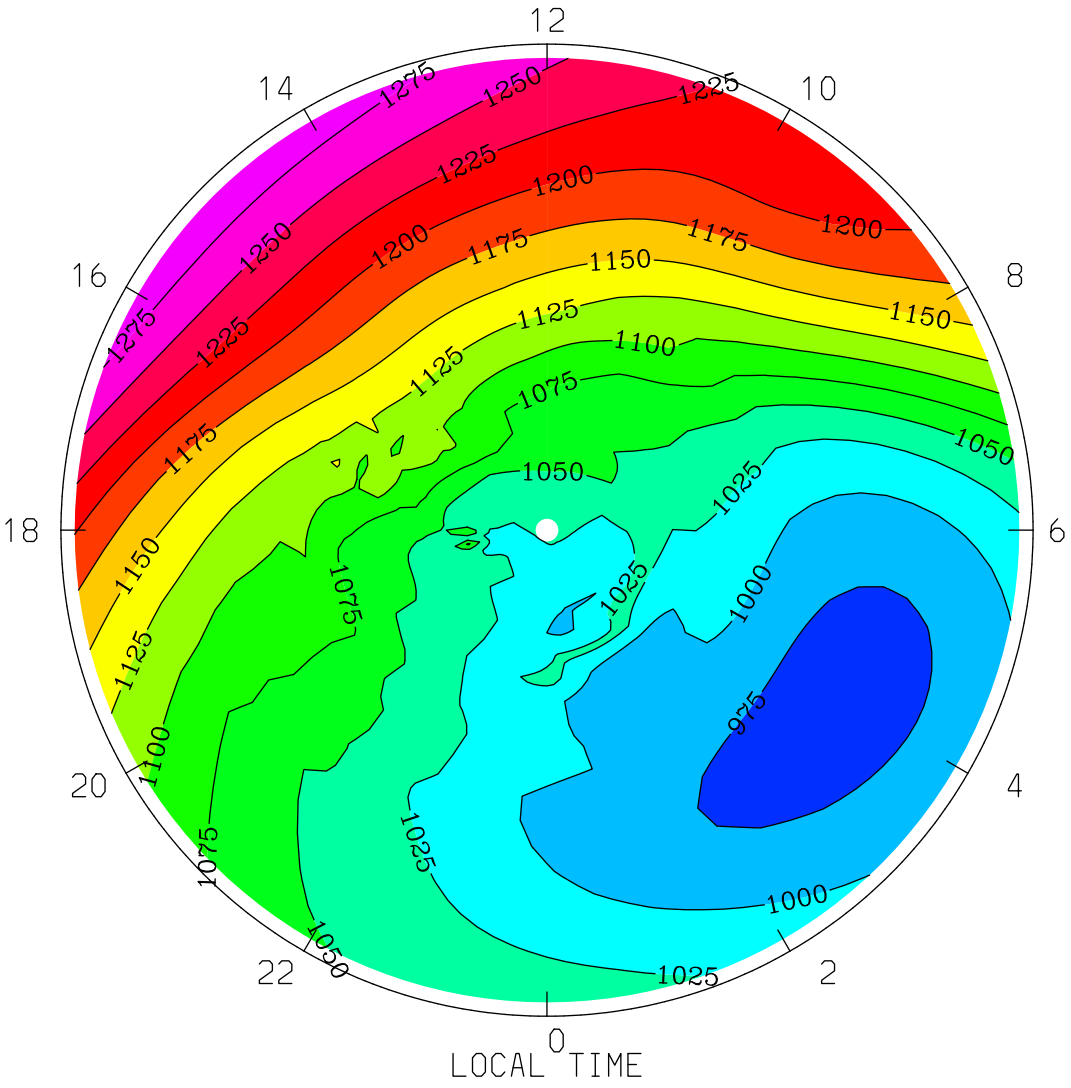
MIN,MAX= 8.5613E+02 1.2012E+03 INTERVAL= 2.5000E+01

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 357.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.6426E+02 1.8176E+03 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

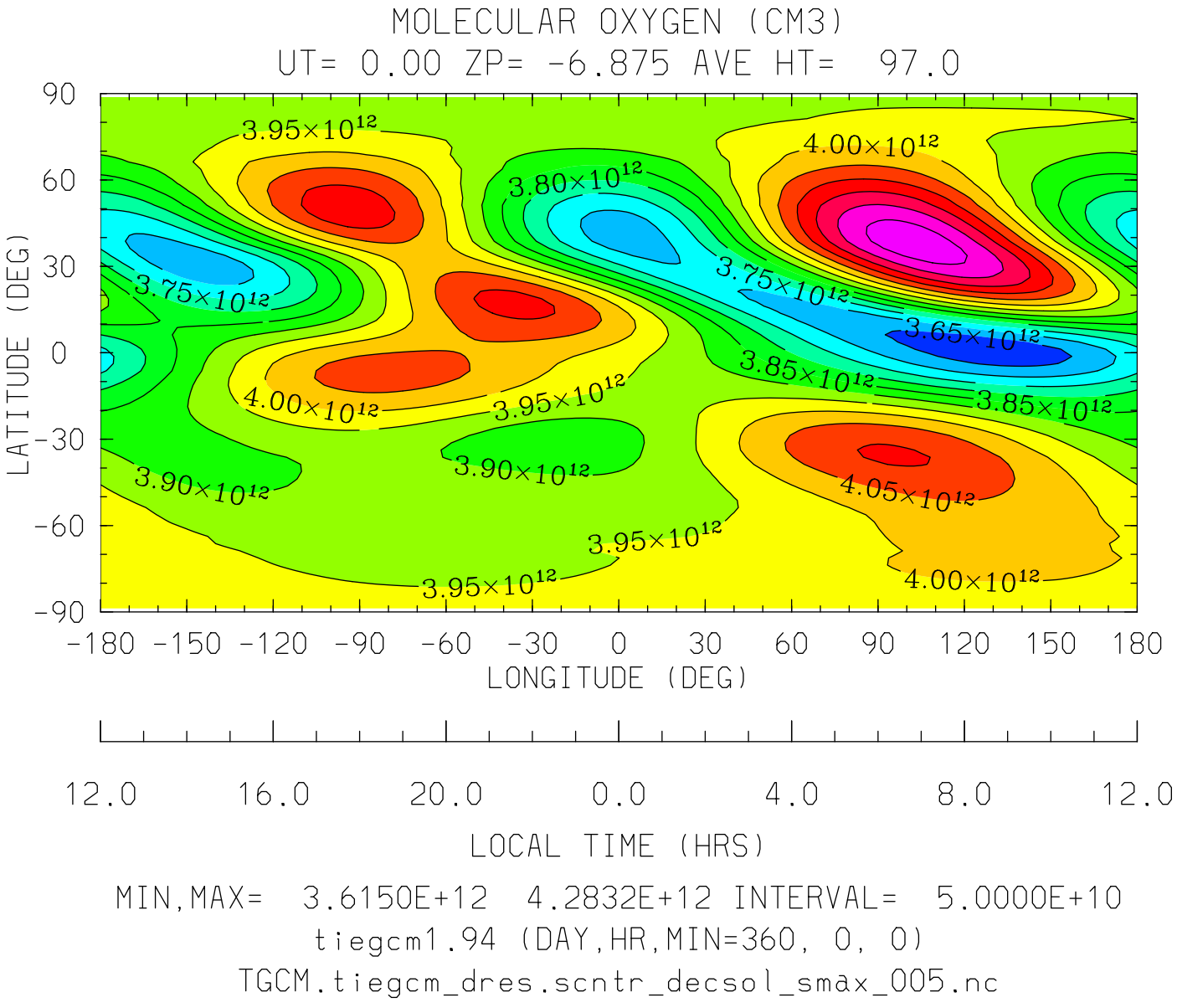

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 357.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
1480
1520
1560
1600
1440
1400
1360
1320
1280
LOCAL TIME
MIN,MAX= 1.2556E+03 1.8176E+03 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 9.6426E+02 1.2943E+03 INTERVAL= 2.5000E+01

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

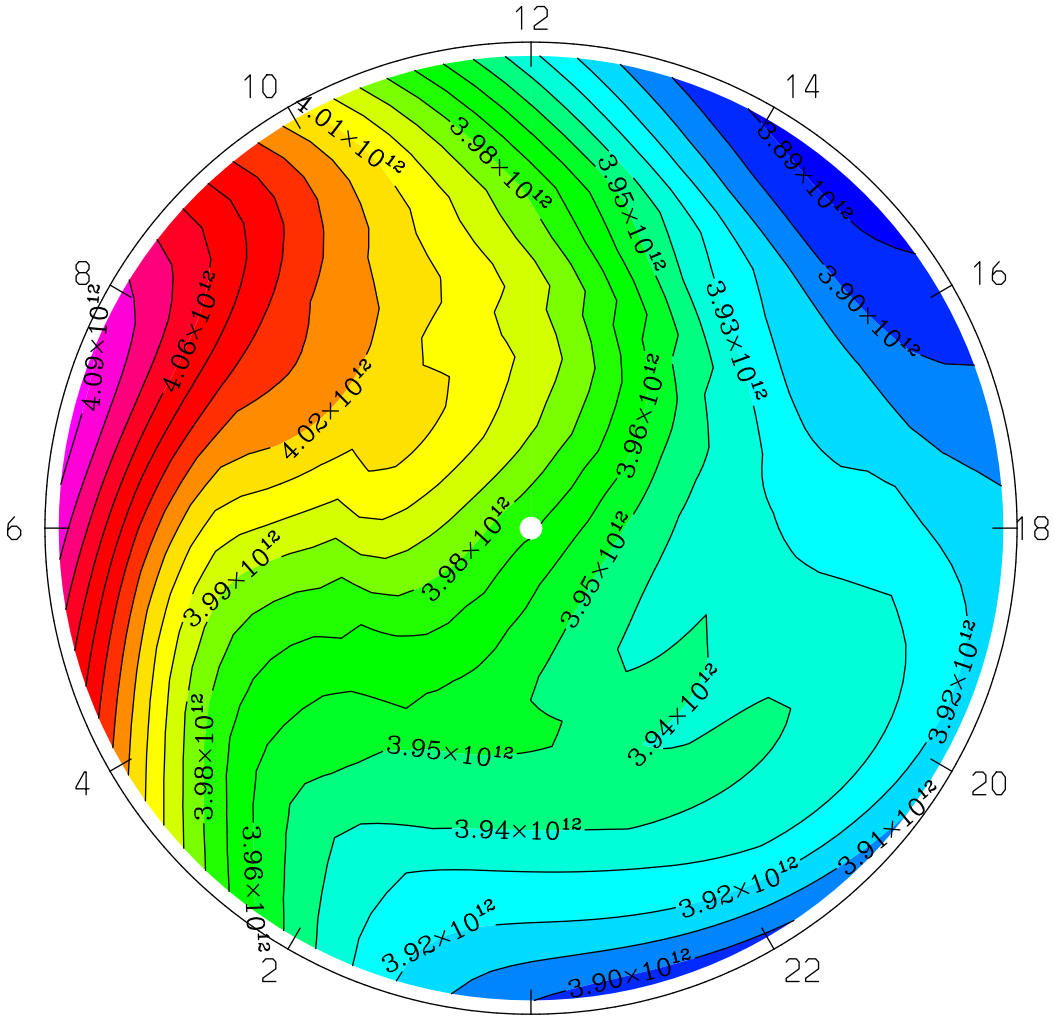


MIN,MAX= 3.6150E+12 4.2832E+12 INTERVAL= 5.0000E+10

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

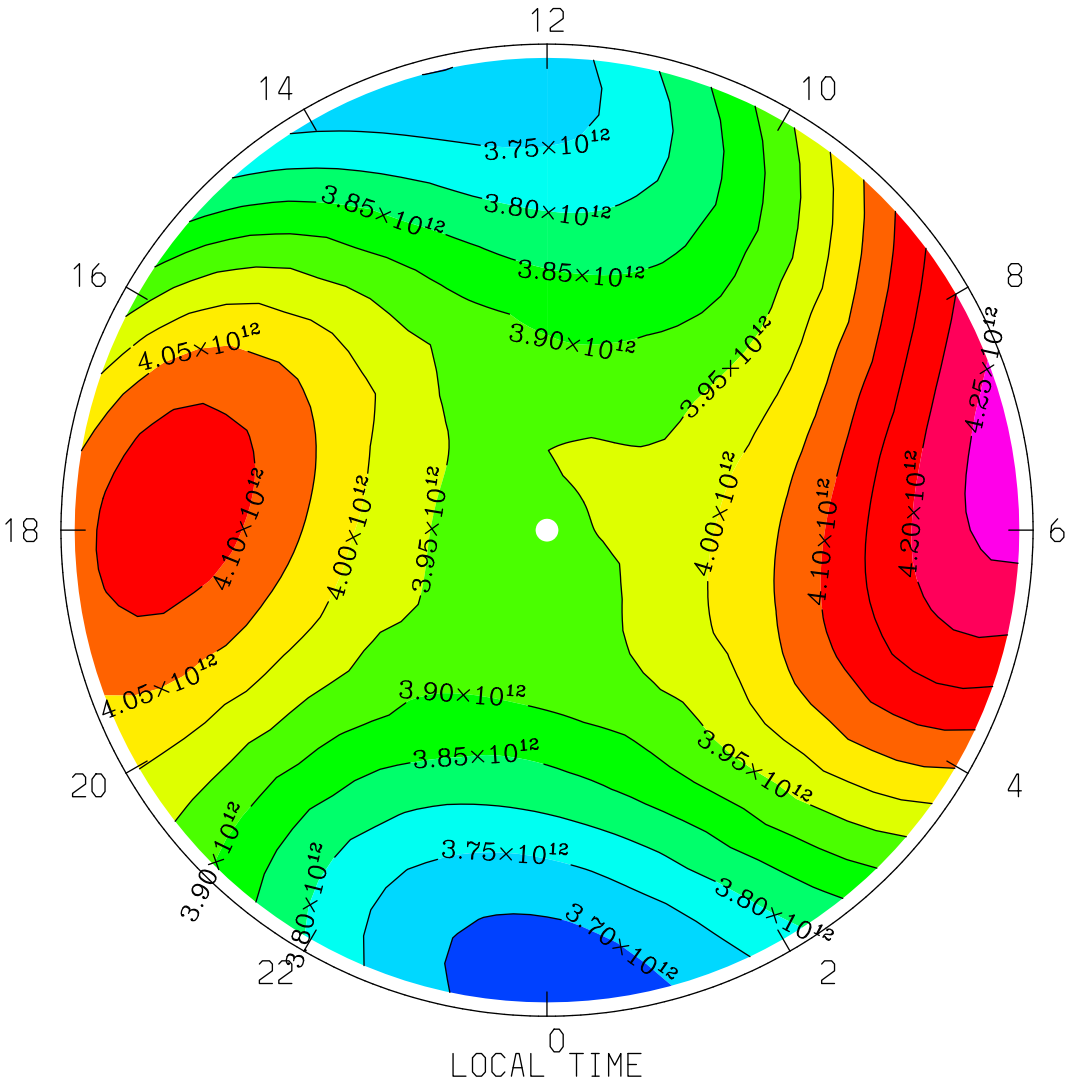
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0



LOCAL TIME

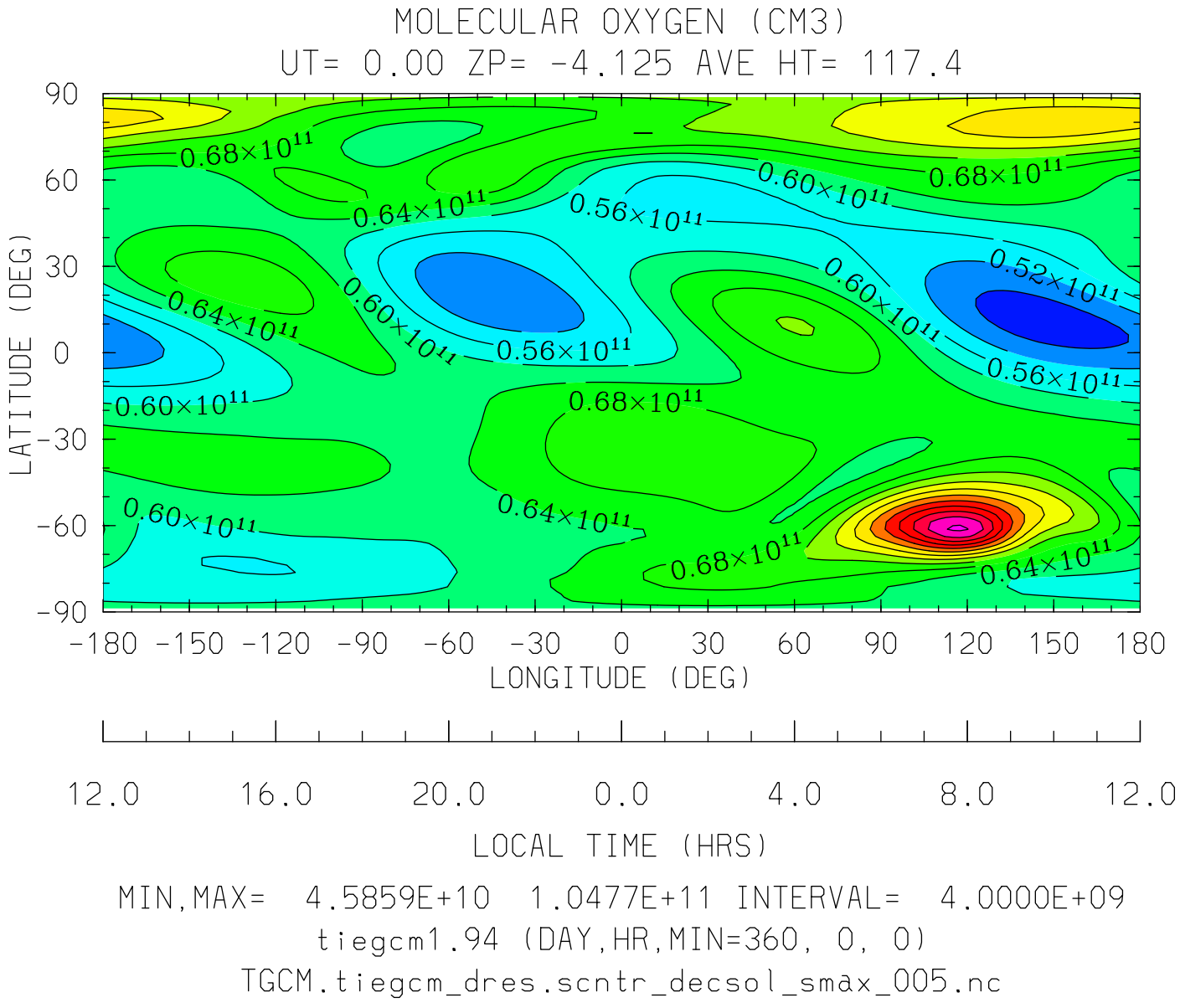
MIN,MAX= 3.8858E+12 4.0933E+12 INTERVAL= 1.0000E+10
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 3.6754E+12 4.2778E+12 INTERVAL= 5.0000E+10

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

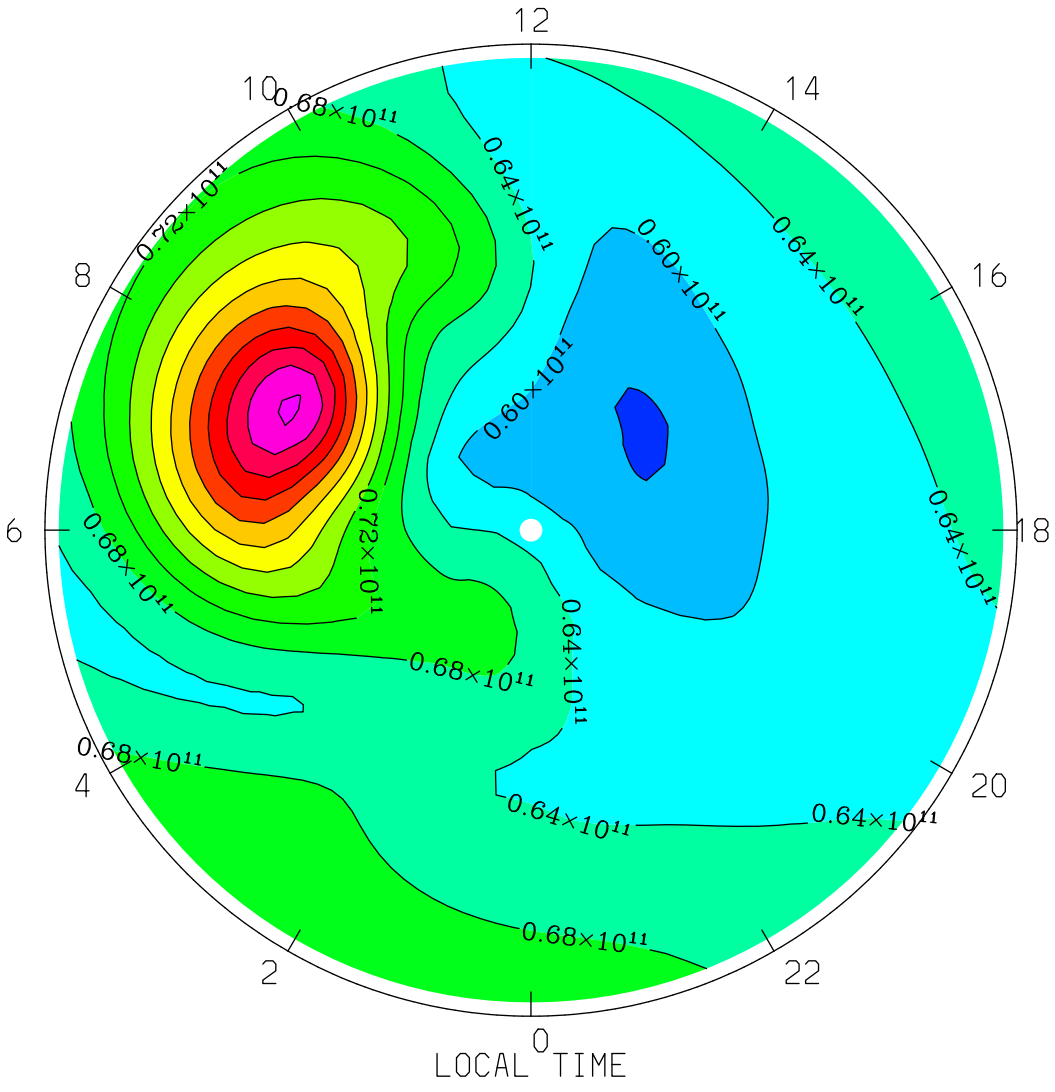
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 4.5859E+10 1.0477E+11 INTERVAL= 4.0000E+09

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

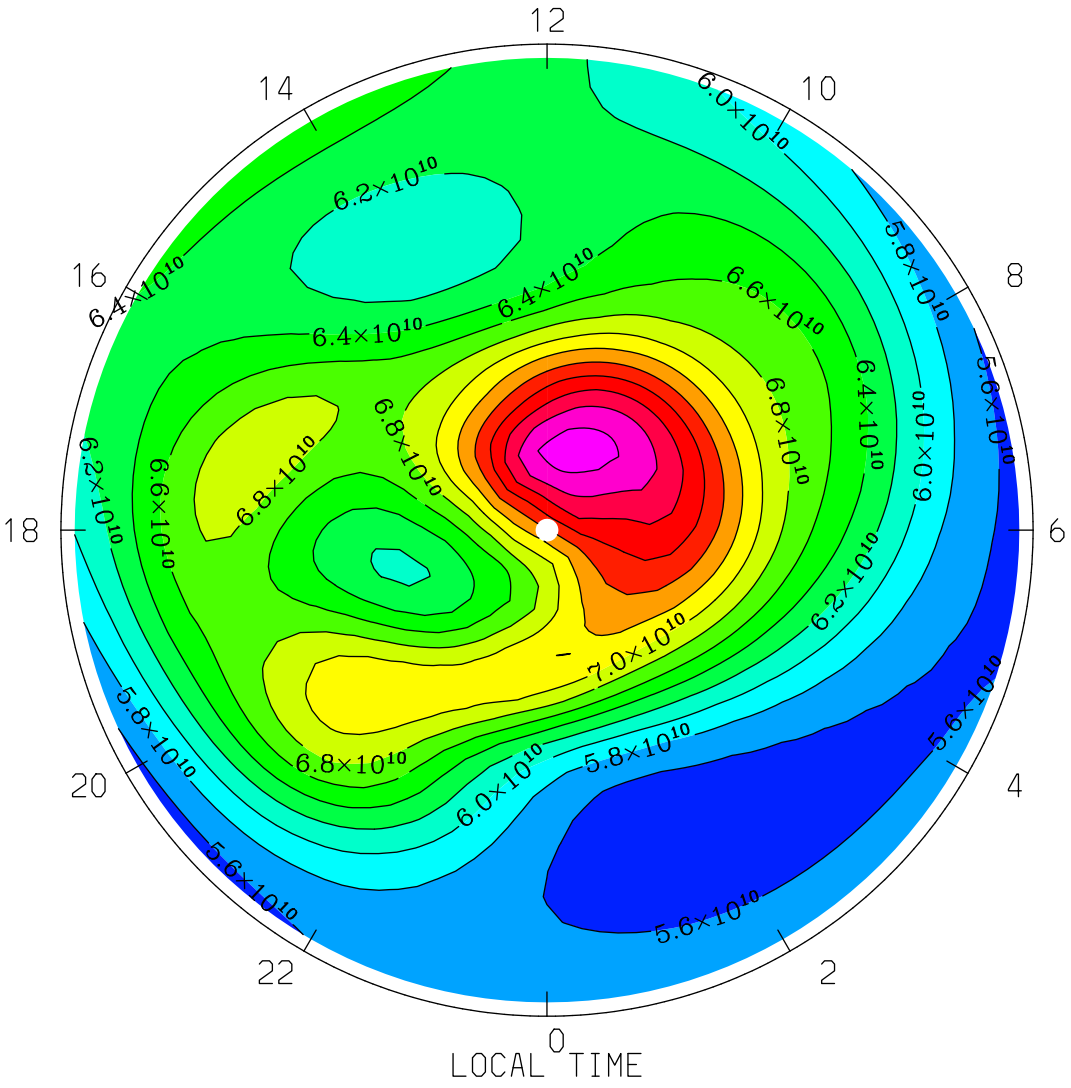


MIN,MAX= 5.5577E+10 1.0477E+11 INTERVAL= 4.0000E+09

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

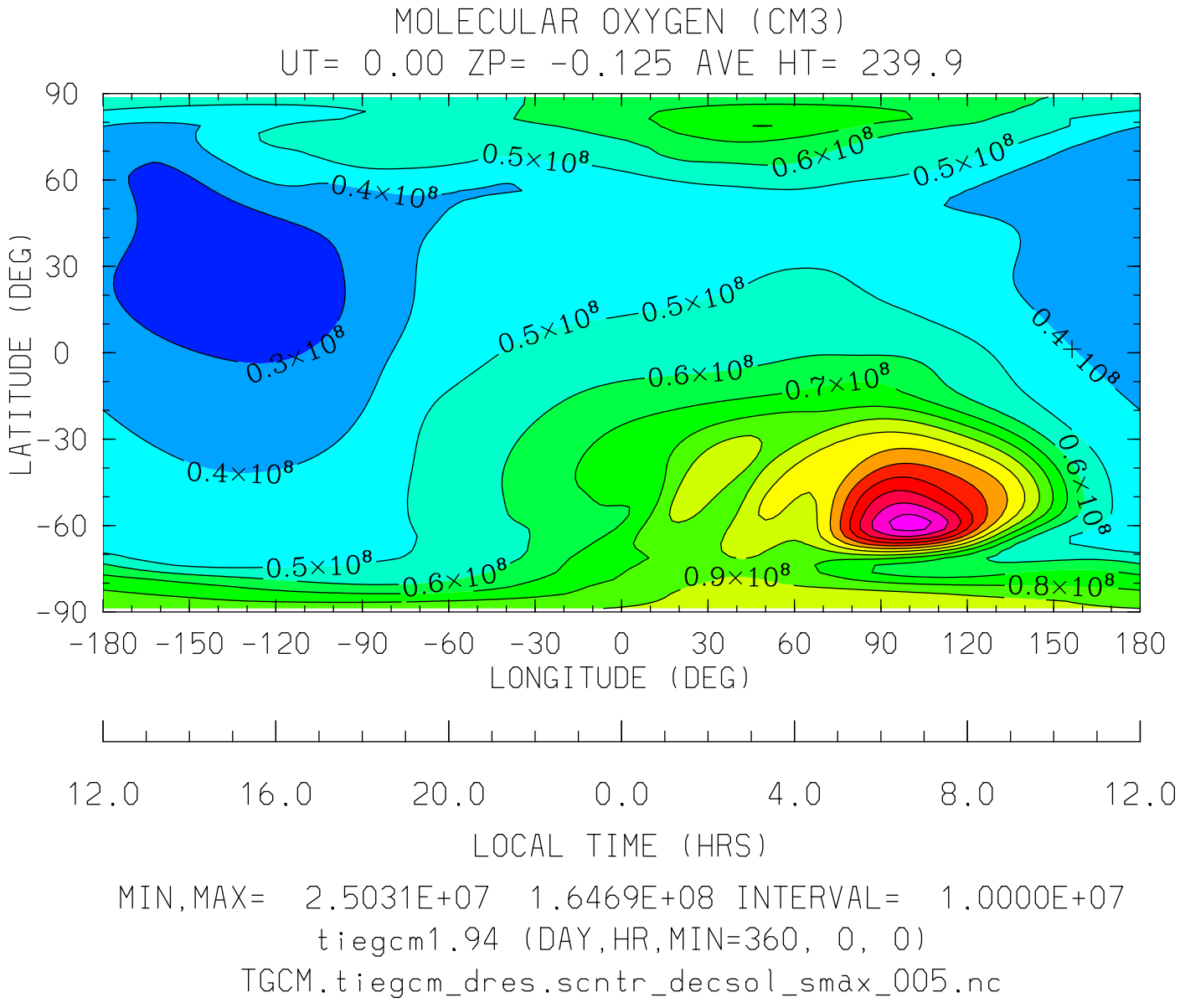
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.4 PERIM-LAT= 40.0



LOCAL TIME

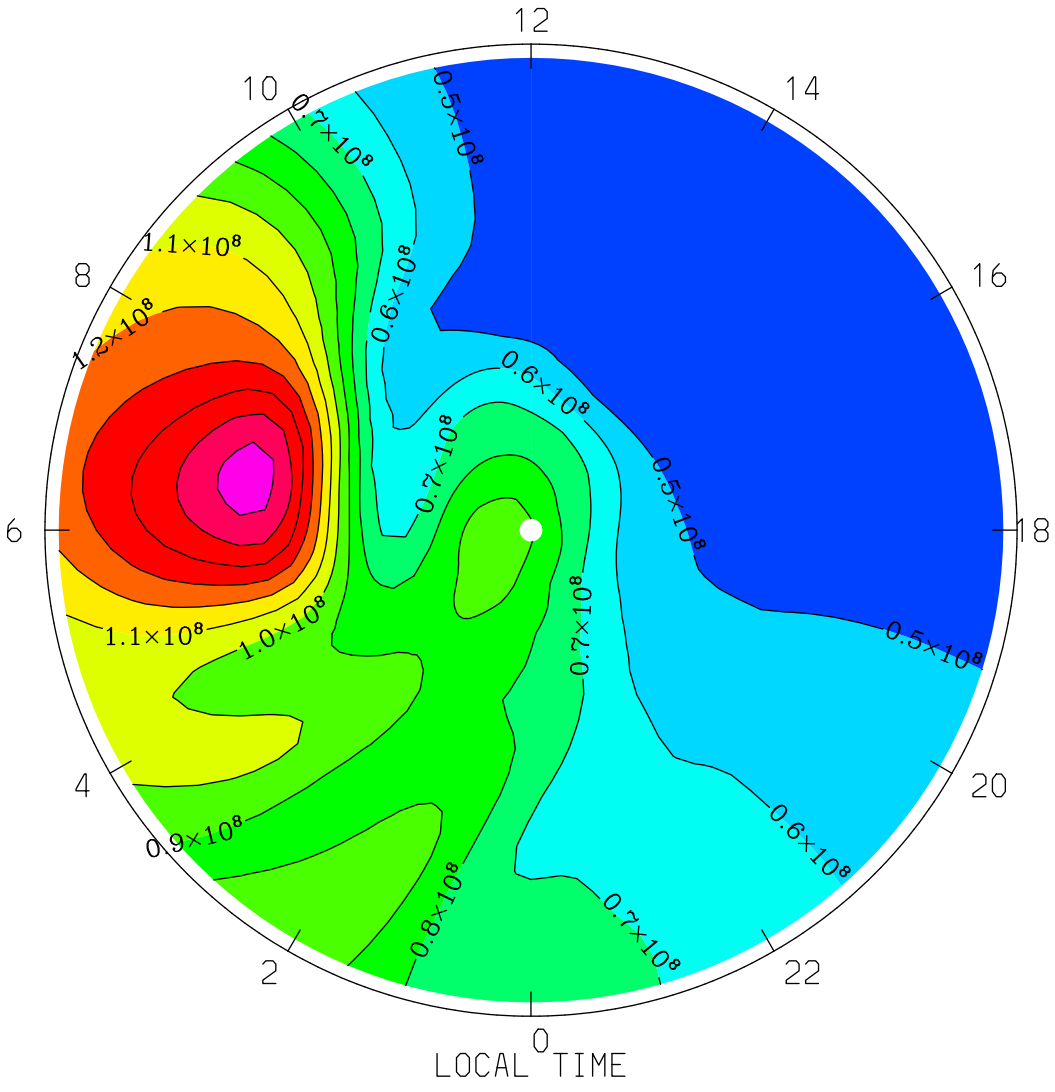
MIN,MAX= 5.4682E+10 8.3142E+10 INTERVAL= 2.0000E+09
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 2.5031E+07 1.6469E+08 INTERVAL= 1.0000E+07

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

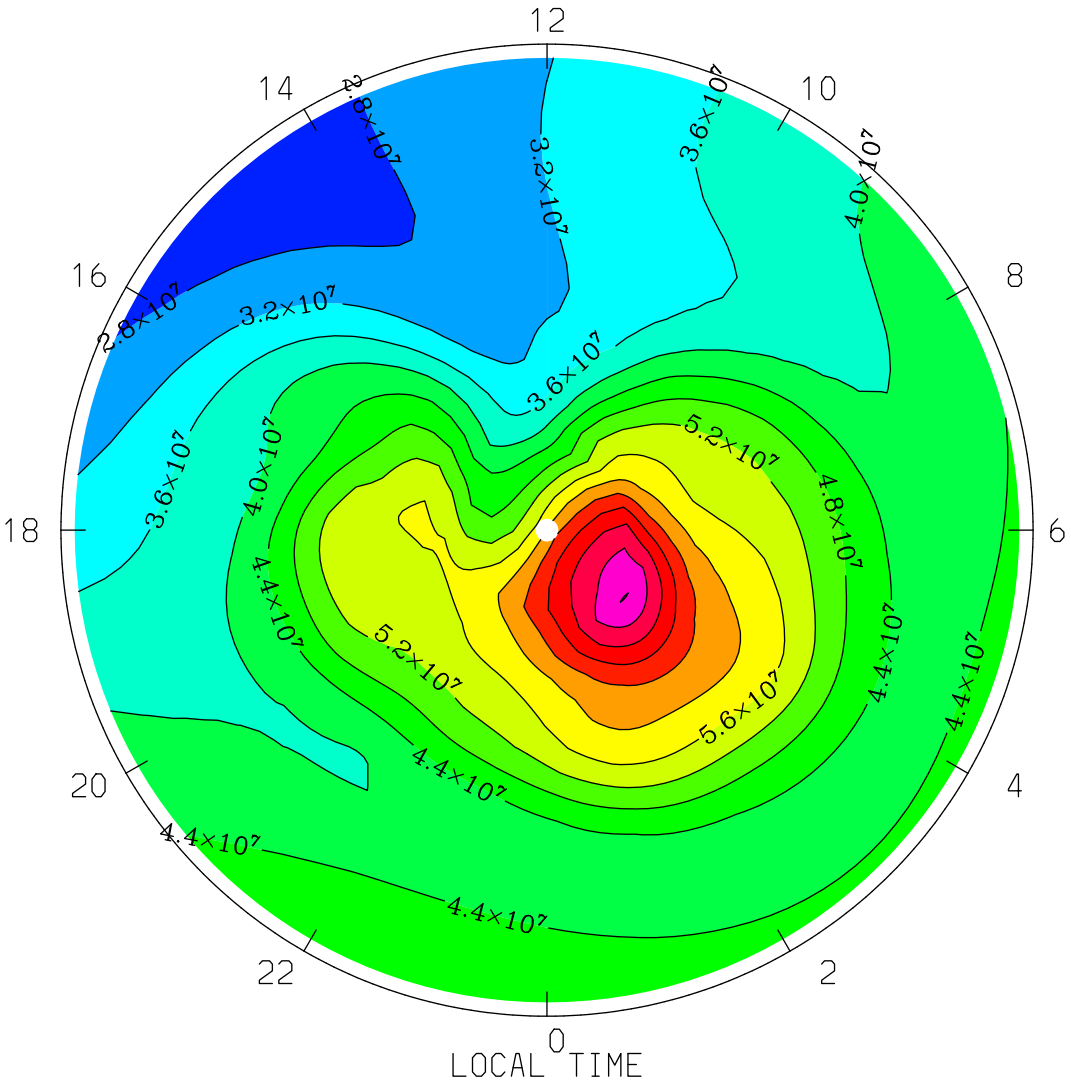
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 3.9884E+07 1.6469E+08 INTERVAL= 1.0000E+07

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

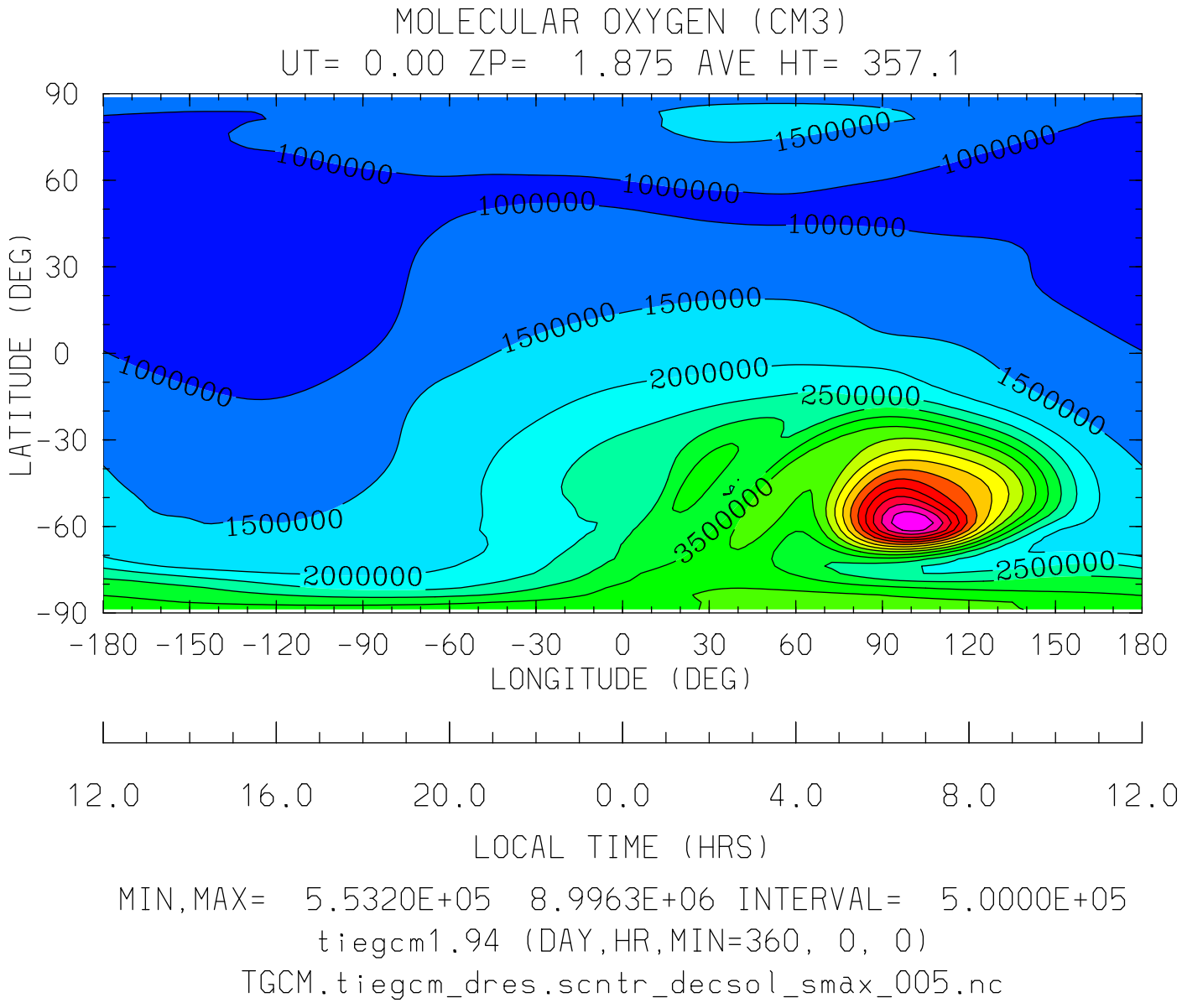
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 2.5846E+07 8.0119E+07 INTERVAL= 4.0000E+06

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

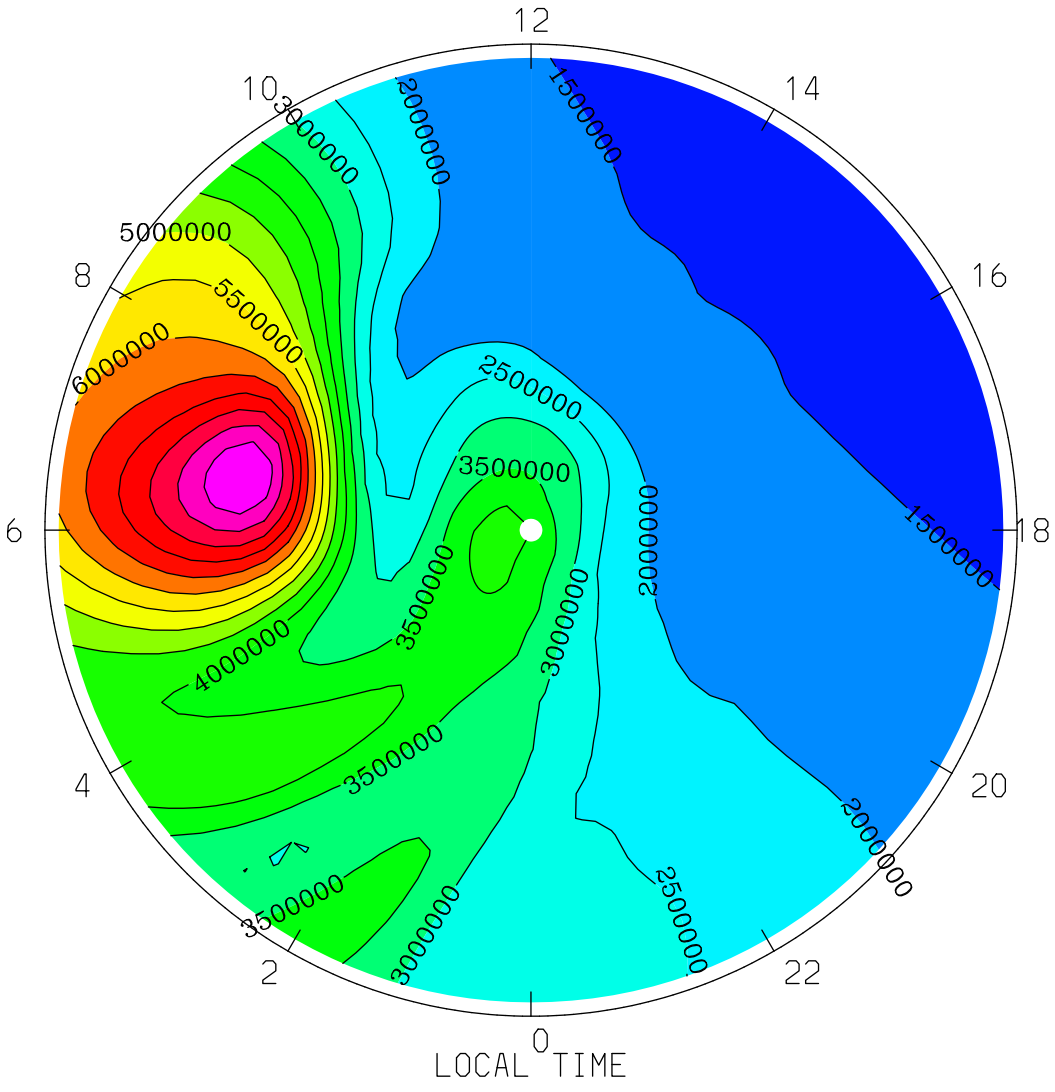
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

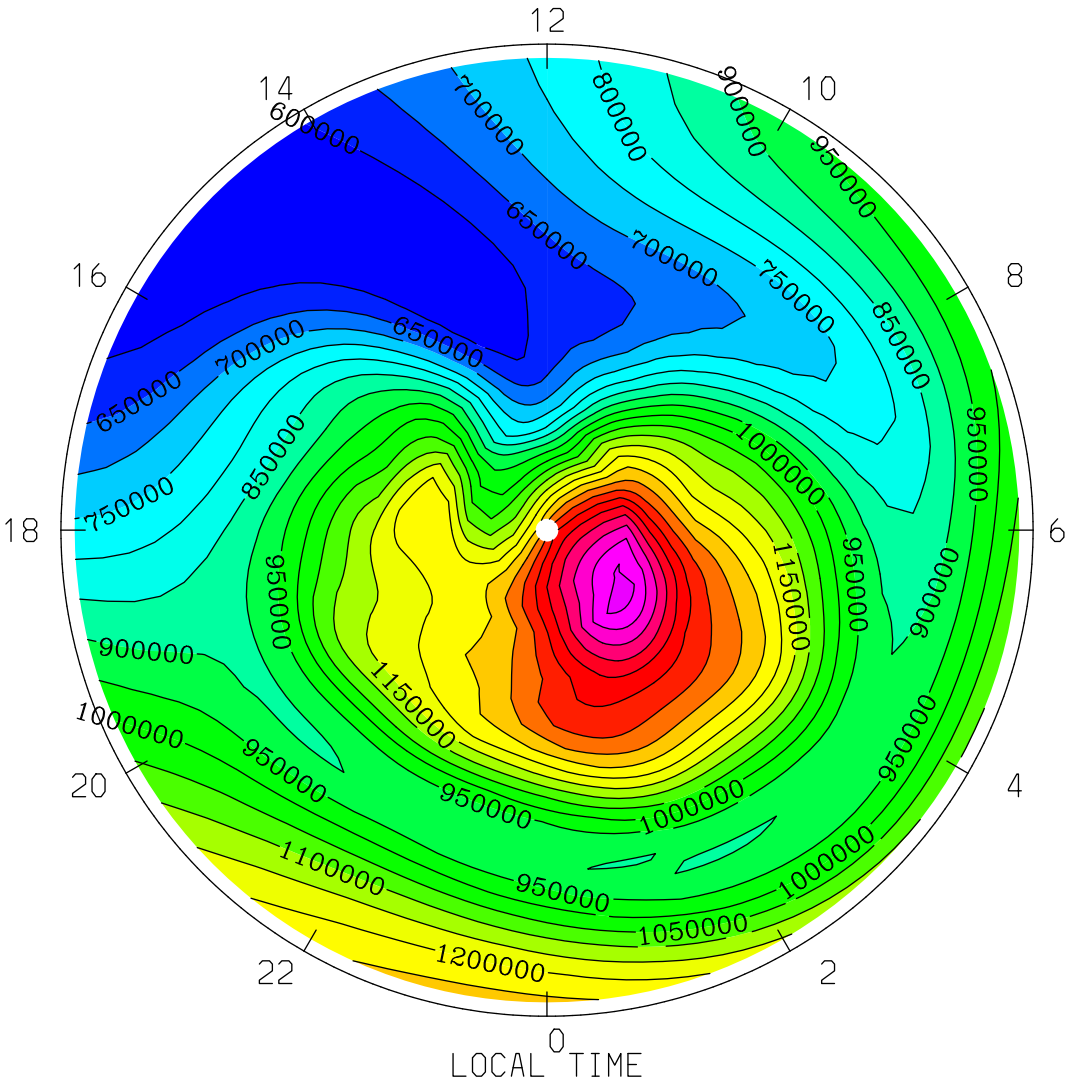


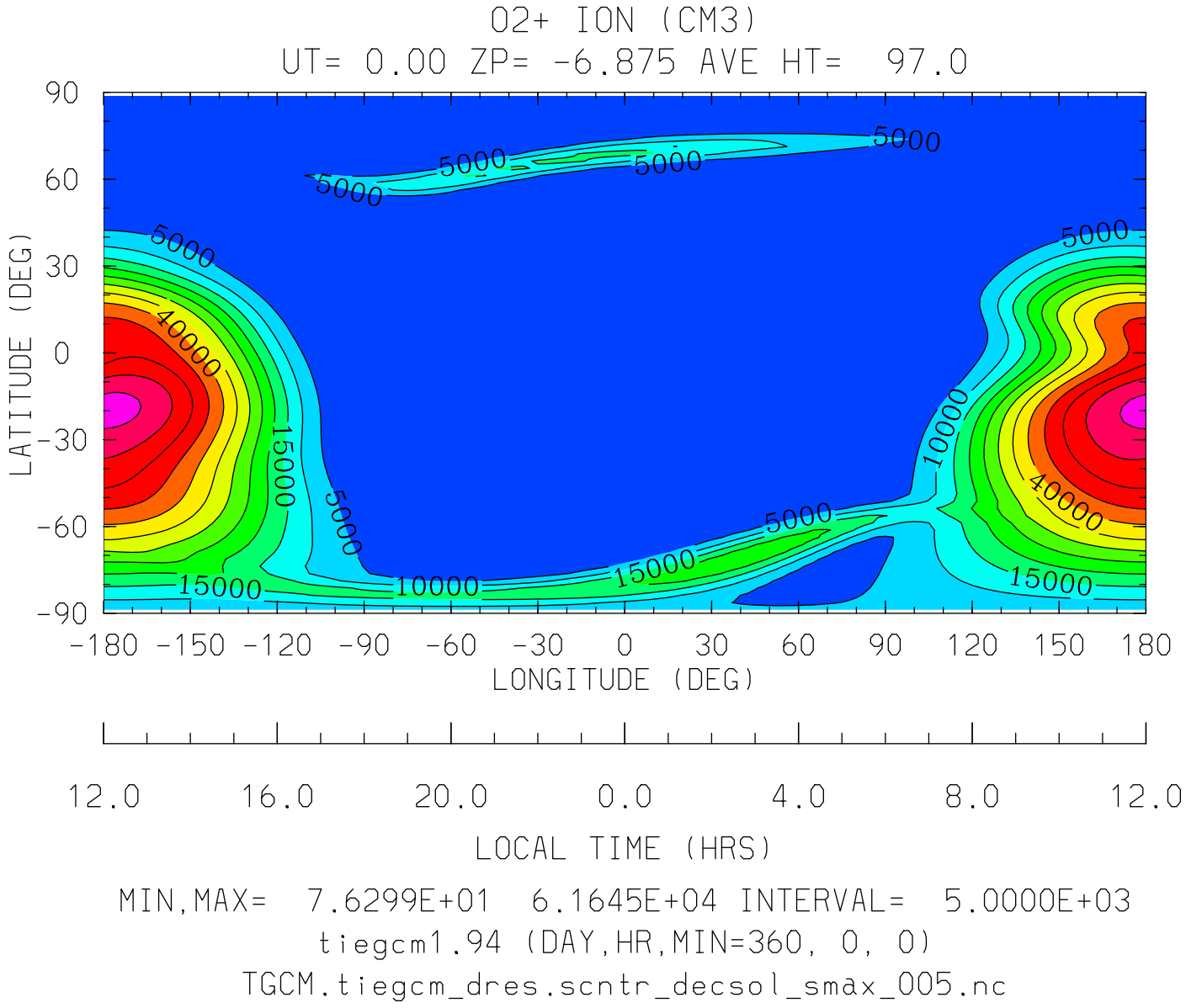
MIN,MAX= 5.5320E+05 8.9963E+06 INTERVAL= 5.0000E+05

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 357.1 PERIM-LAT=-40.0
12
14
16
18
20
22
0
2
4
6
8
10
1500000
2000000
2500000
3000000
3500000
4000000
5000000
5500000
6000000
LOCAL TIME
MIN,MAX= 1.2659E+06 8.9963E+06 INTERVAL= 5.0000E+05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

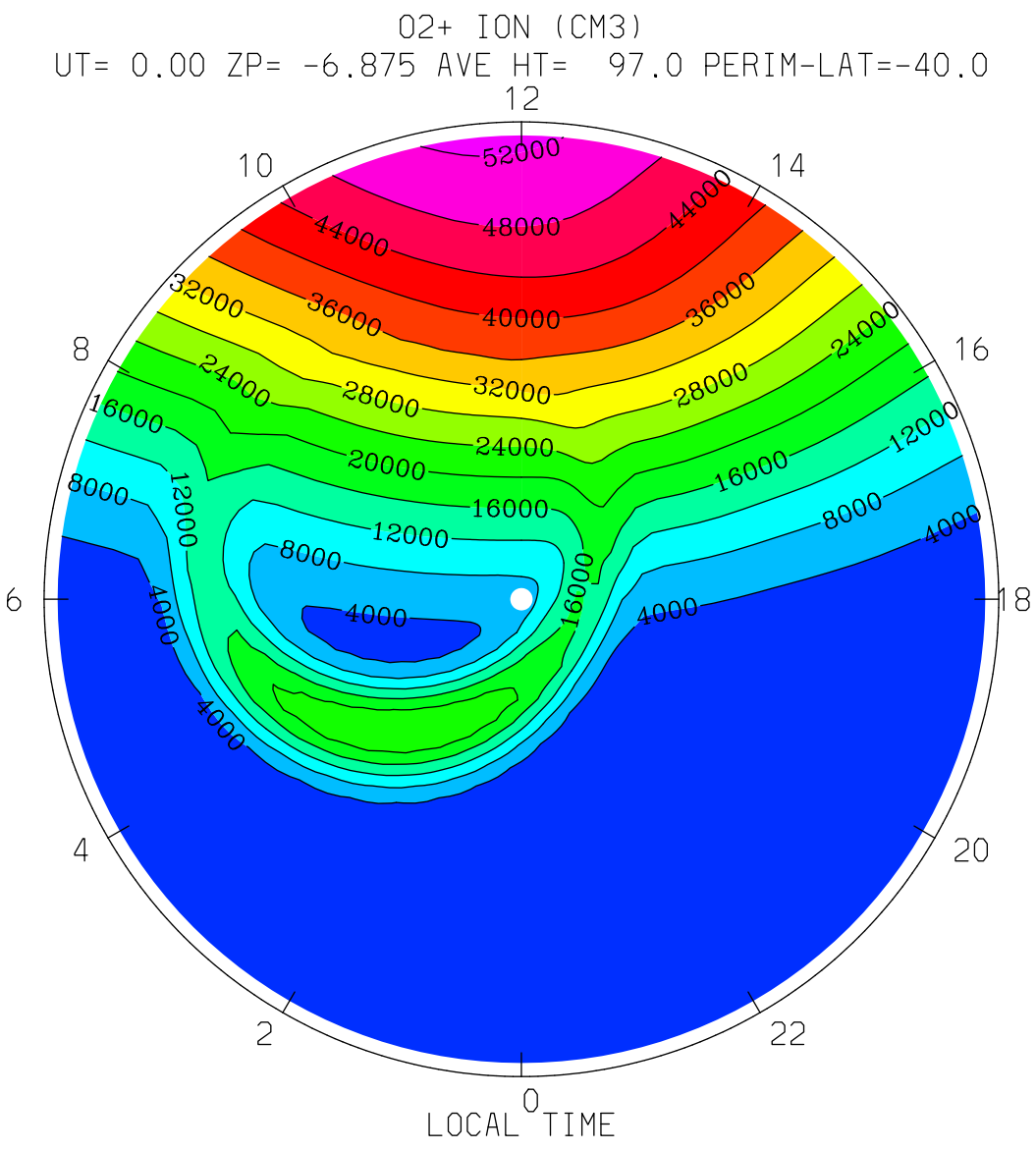

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 357.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
600000
650000
700000
750000
800000
850000
900000
950000
1000000
1050000
1100000
1150000
1200000
LOCAL TIME
MIN,MAX= 5.5320E+05 1.6733E+06 INTERVAL= 5.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 7.6299E+01 6.1645E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

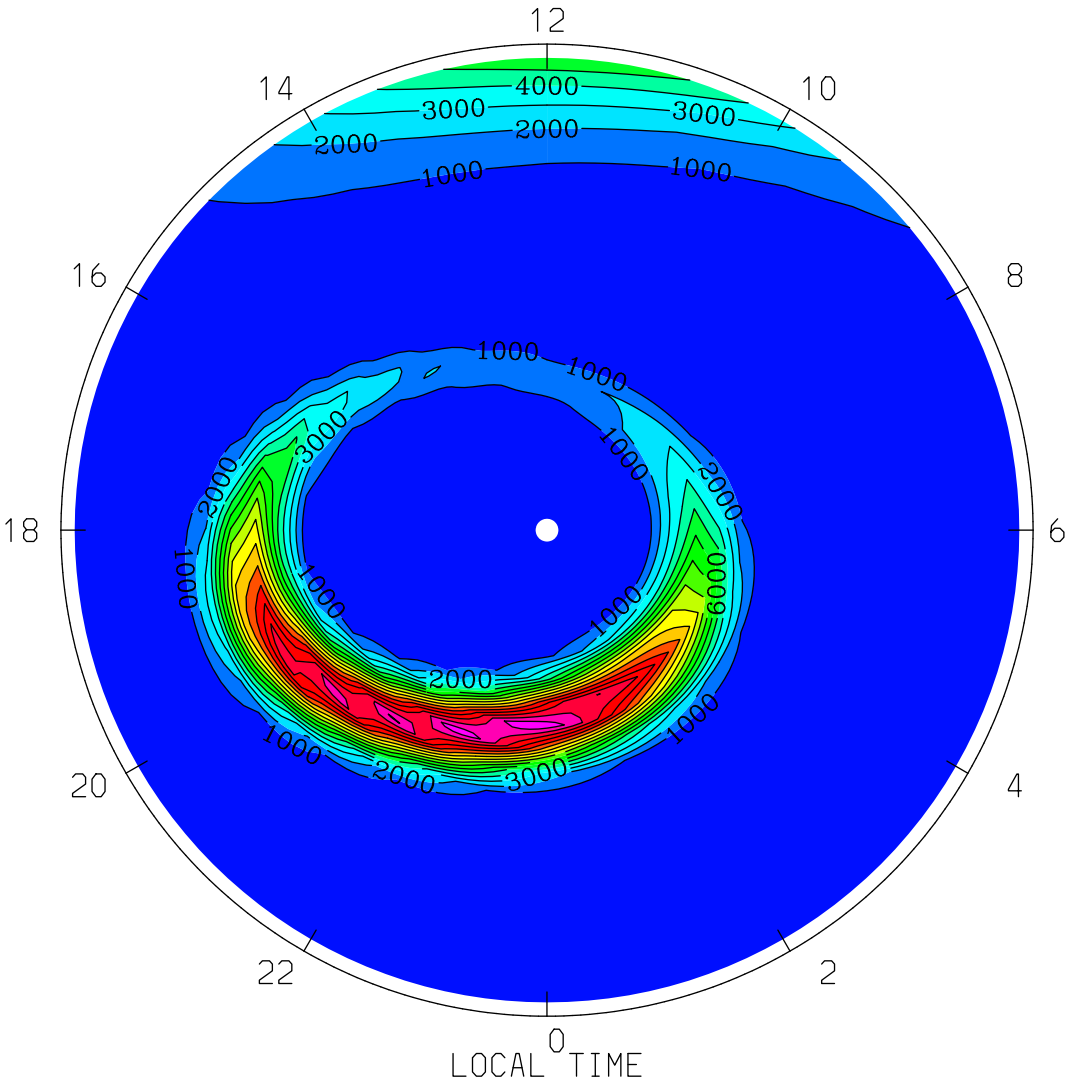
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.9215E+02 5.2893E+04 INTERVAL= 4.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

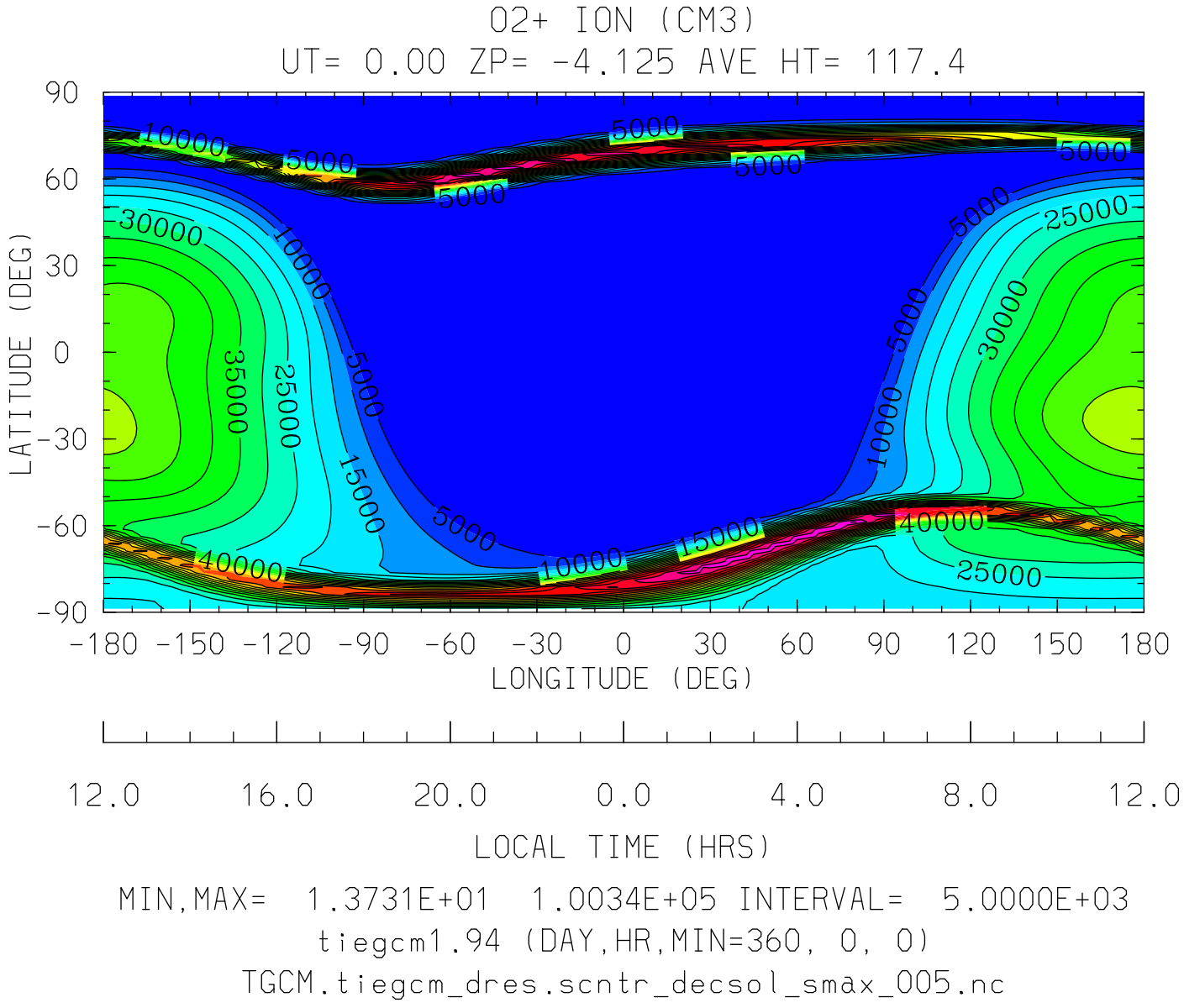
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

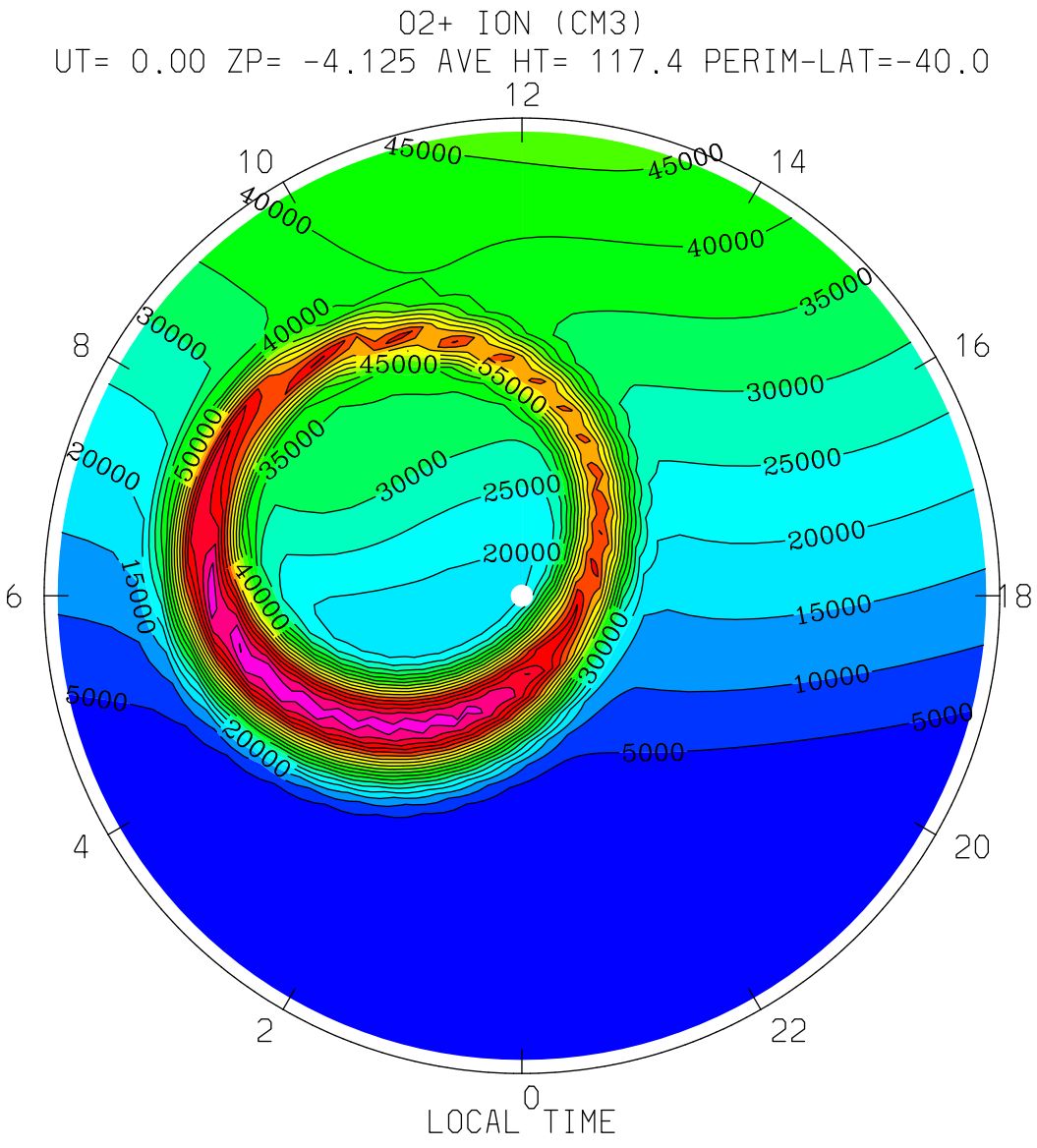


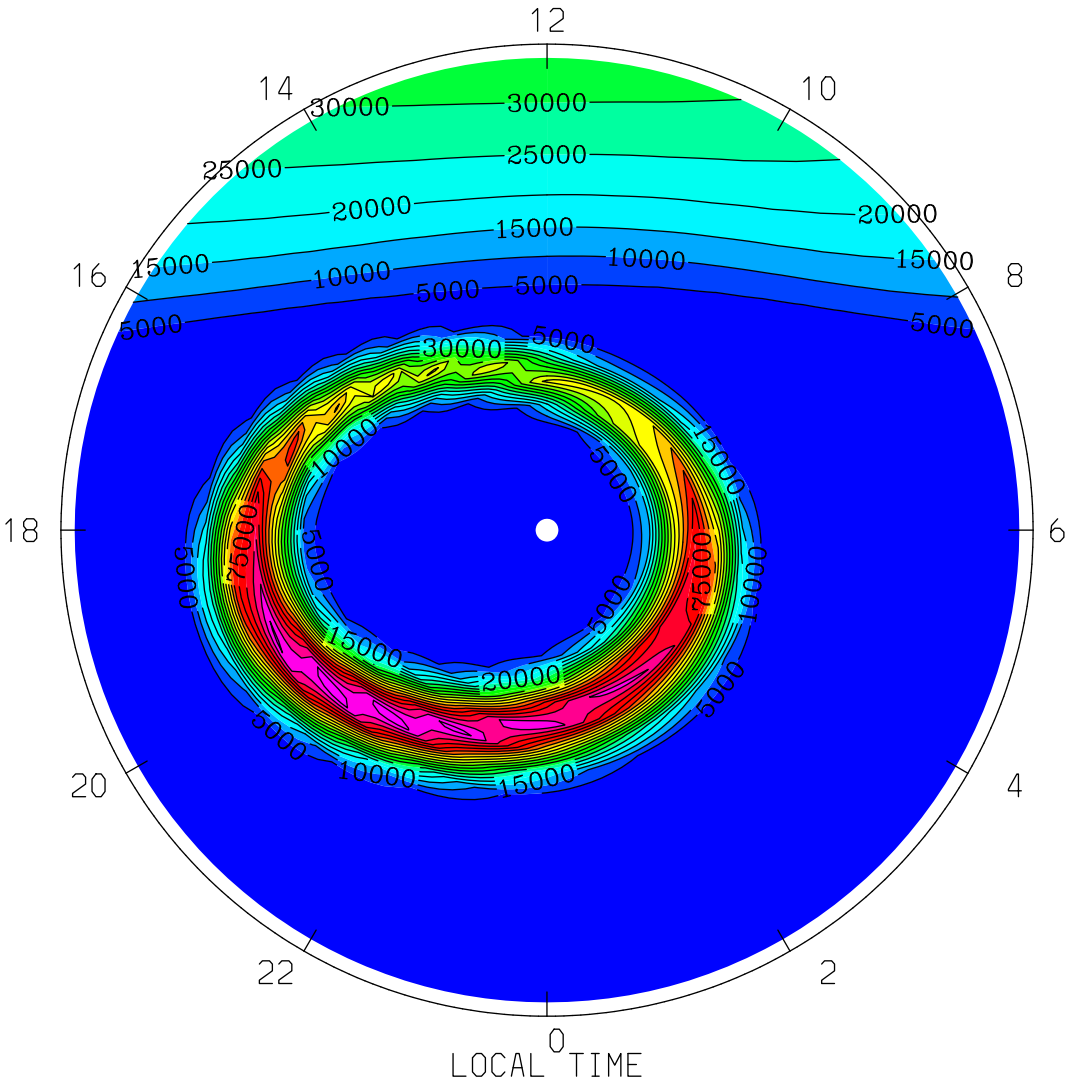
MIN,MAX= 1.1306E+02 1.6853E+04 INTERVAL= 1.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


O2+ ION (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.3731E+01 1.0034E+05 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

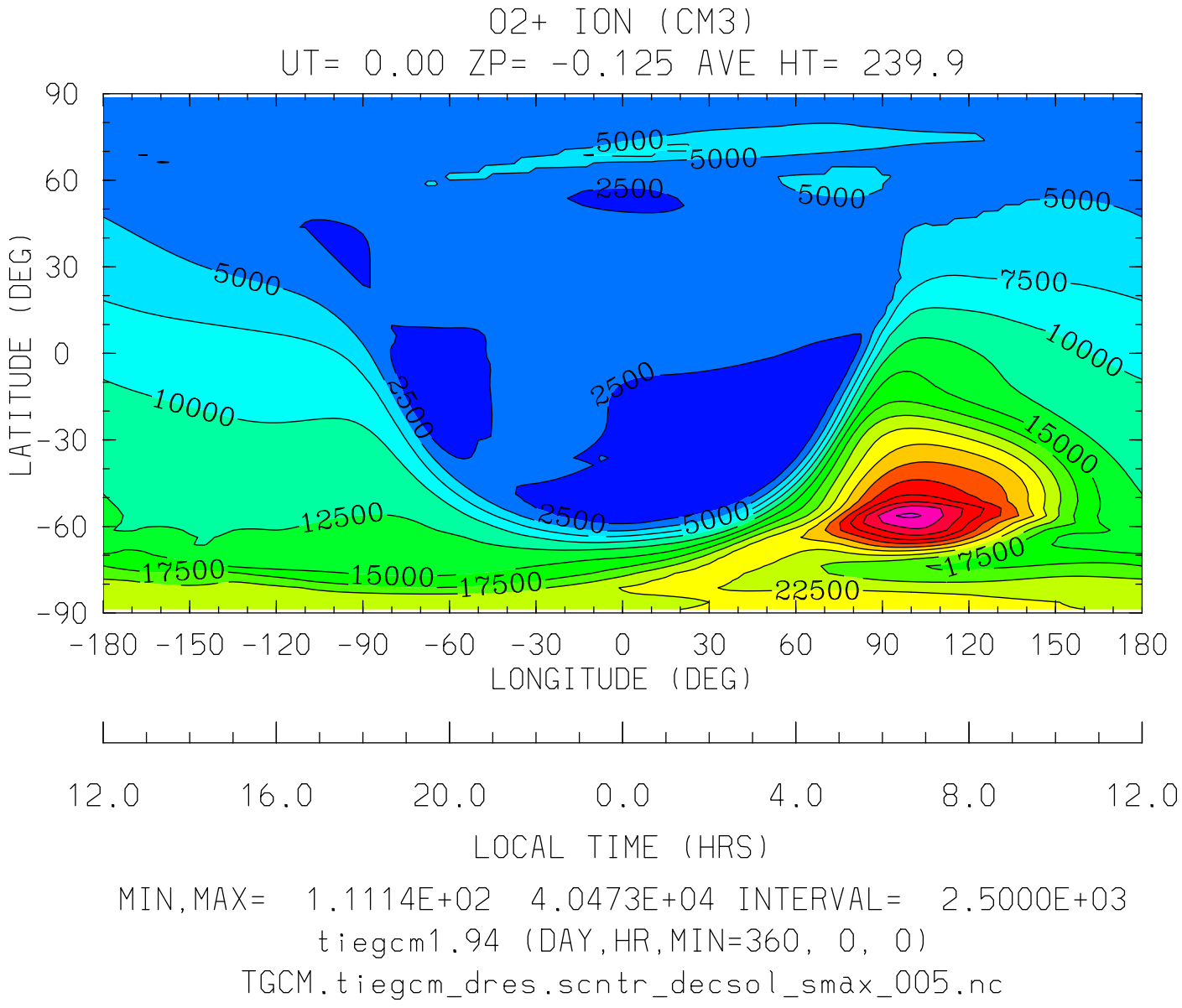

O2+ ION (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
45000
40000
35000
30000
25000
20000
15000
10000
5000
55000
LOCAL TIME
MIN,MAX= 1.3731E+01 1.0034E+05 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 2.5640E+01 9.9883E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

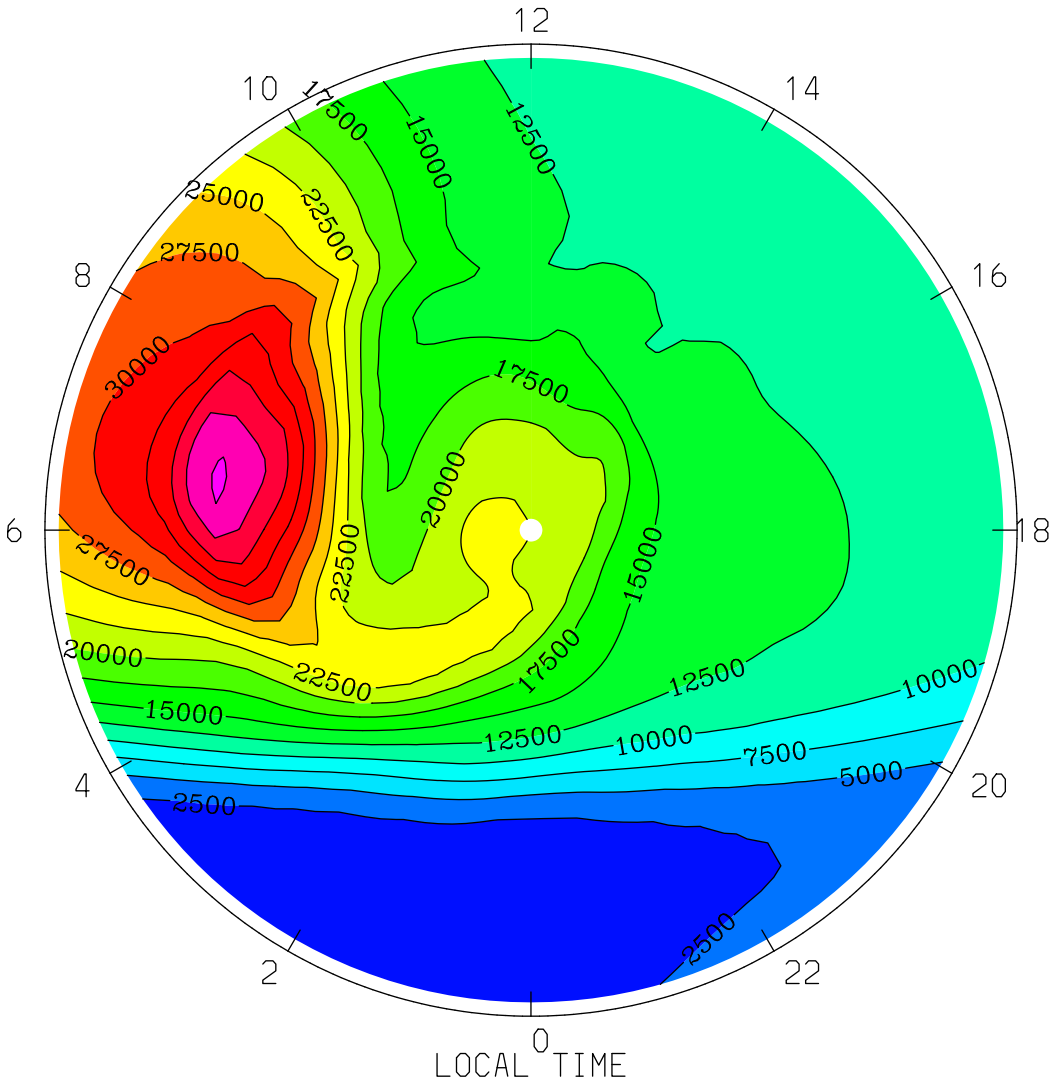
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

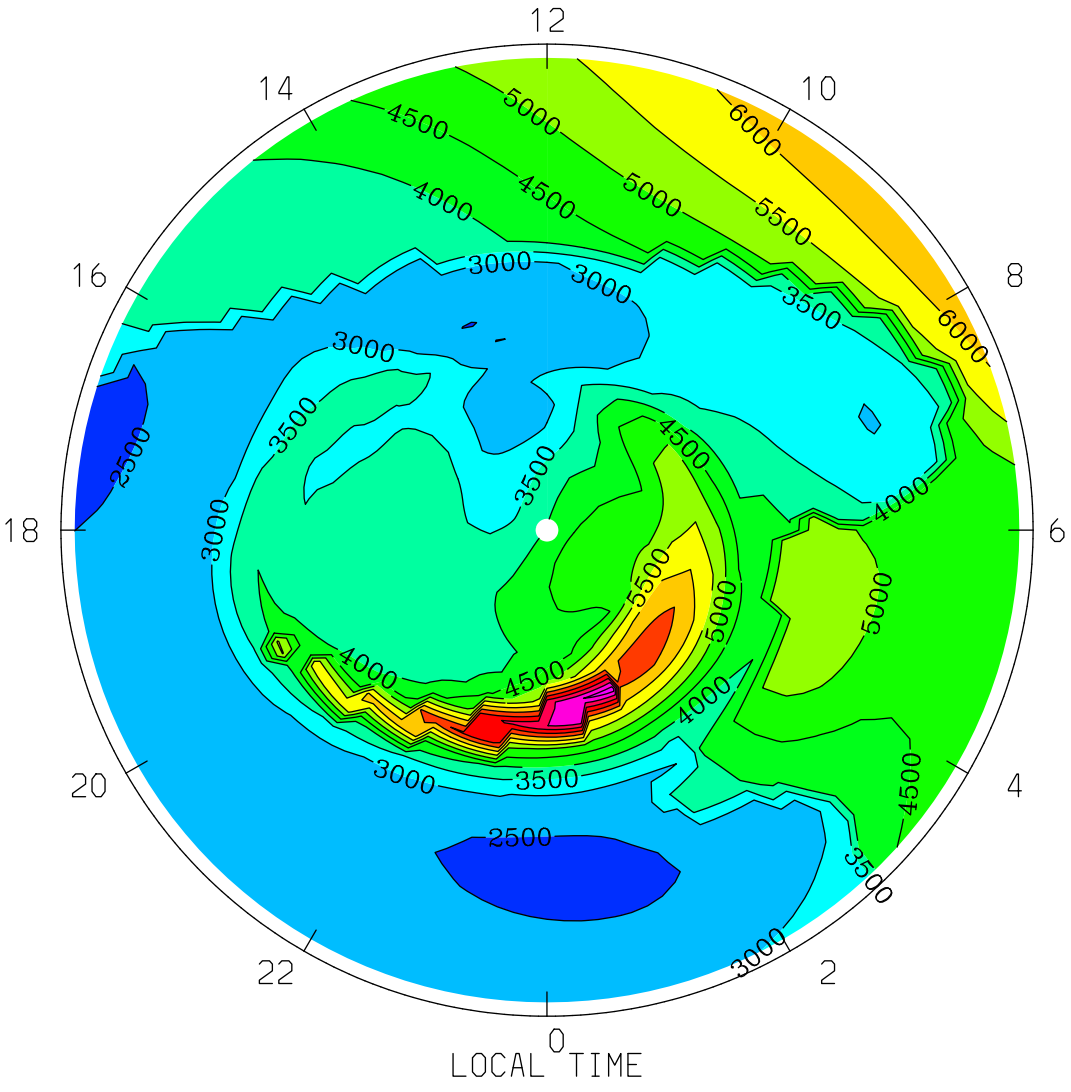


MIN,MAX= 1.1114E+02 4.0473E+04 INTERVAL= 2.5000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

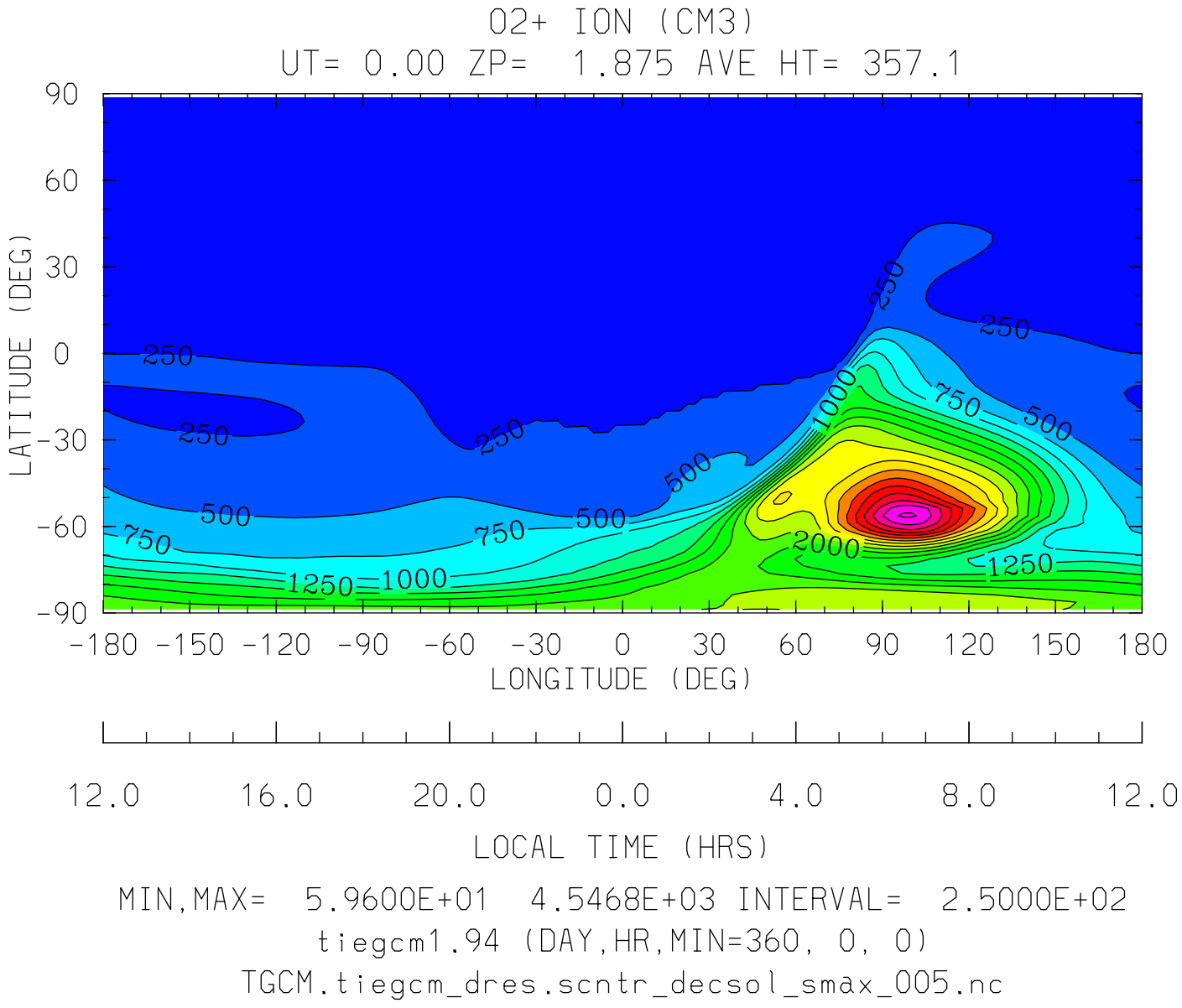

O2+ ION (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 239.9 PERIM-LAT=-40.0
12
14
16
18
20
22
0
2
4
6
8
10
2500
5000
7500
10000
12500
15000
17500
20000
22500
25000
27500
30000
LOCAL TIME
MIN,MAX= 1.4852E+02 4.0473E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 2.3755E+03 8.7978E+03 INTERVAL= 5.0000E+02

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

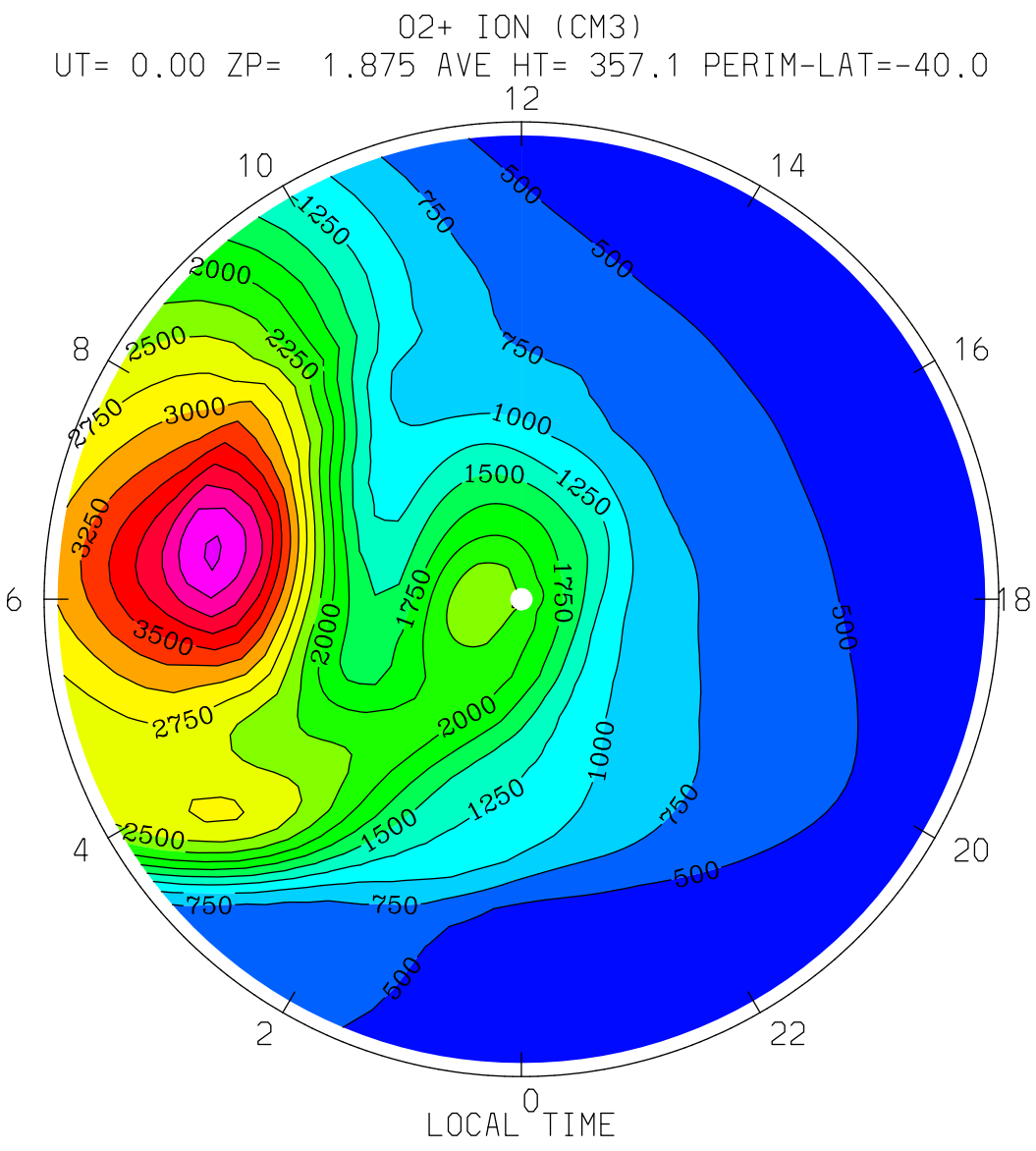
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 5.9600E+01 4.5468E+03 INTERVAL= 2.5000E+02

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

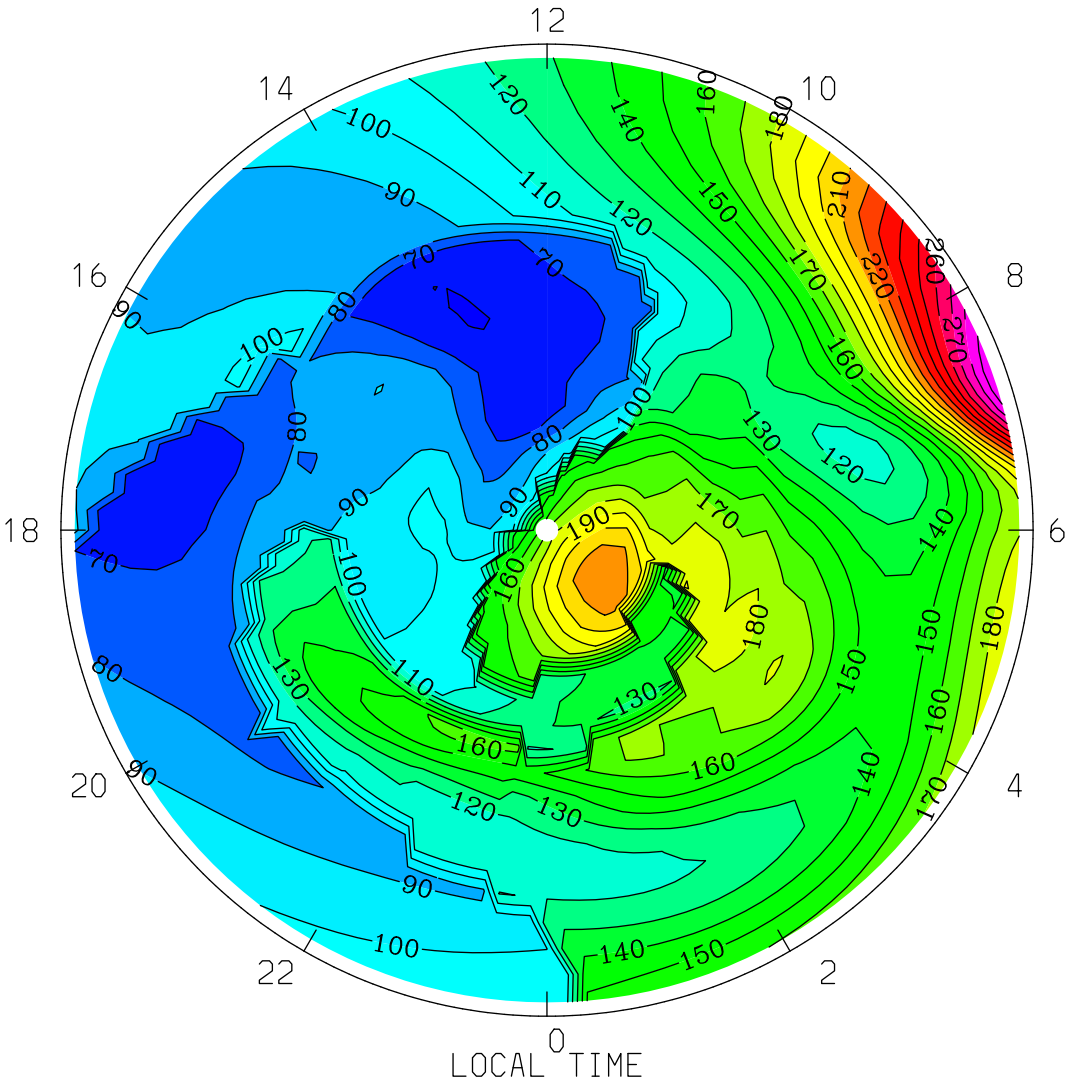
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

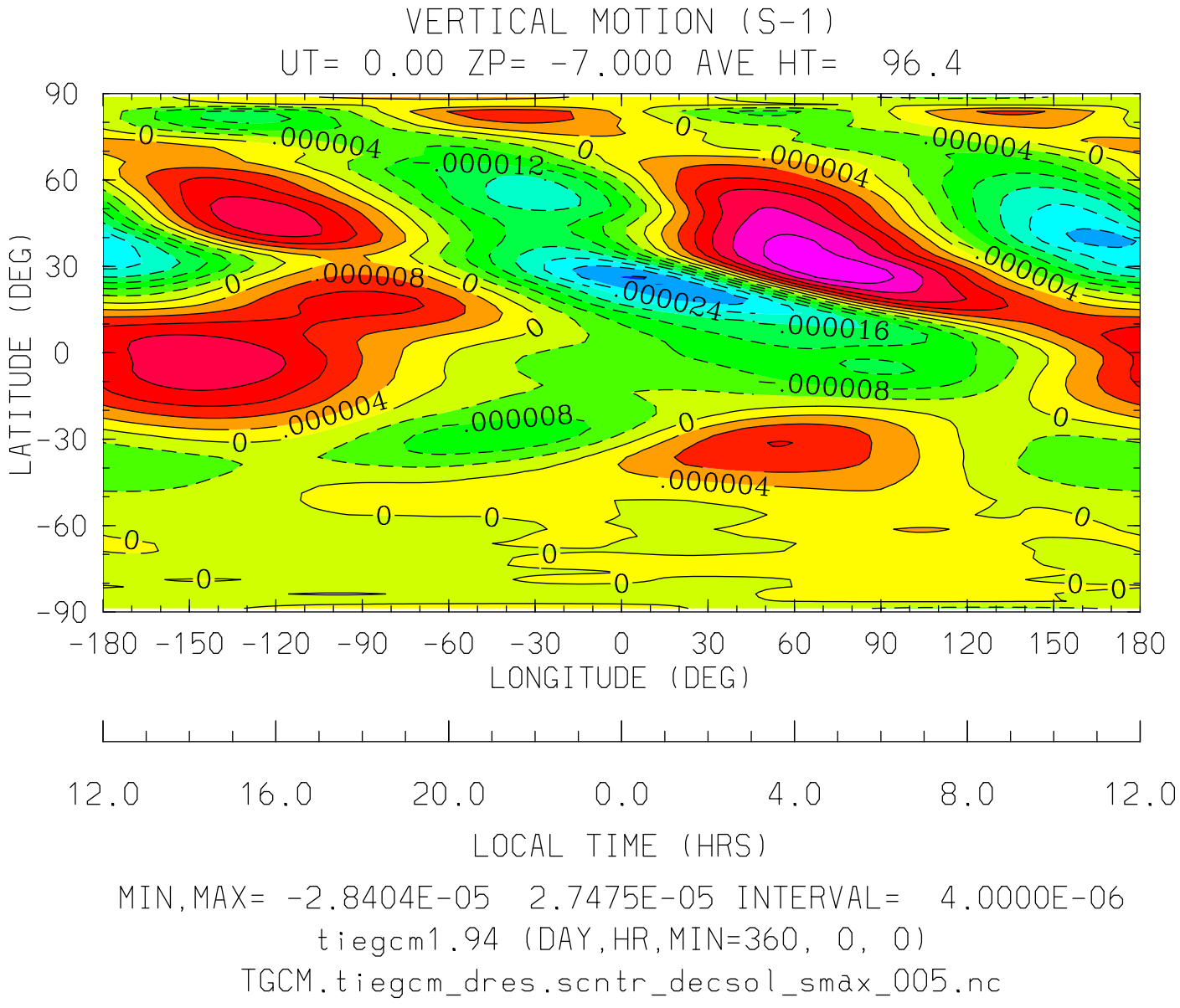


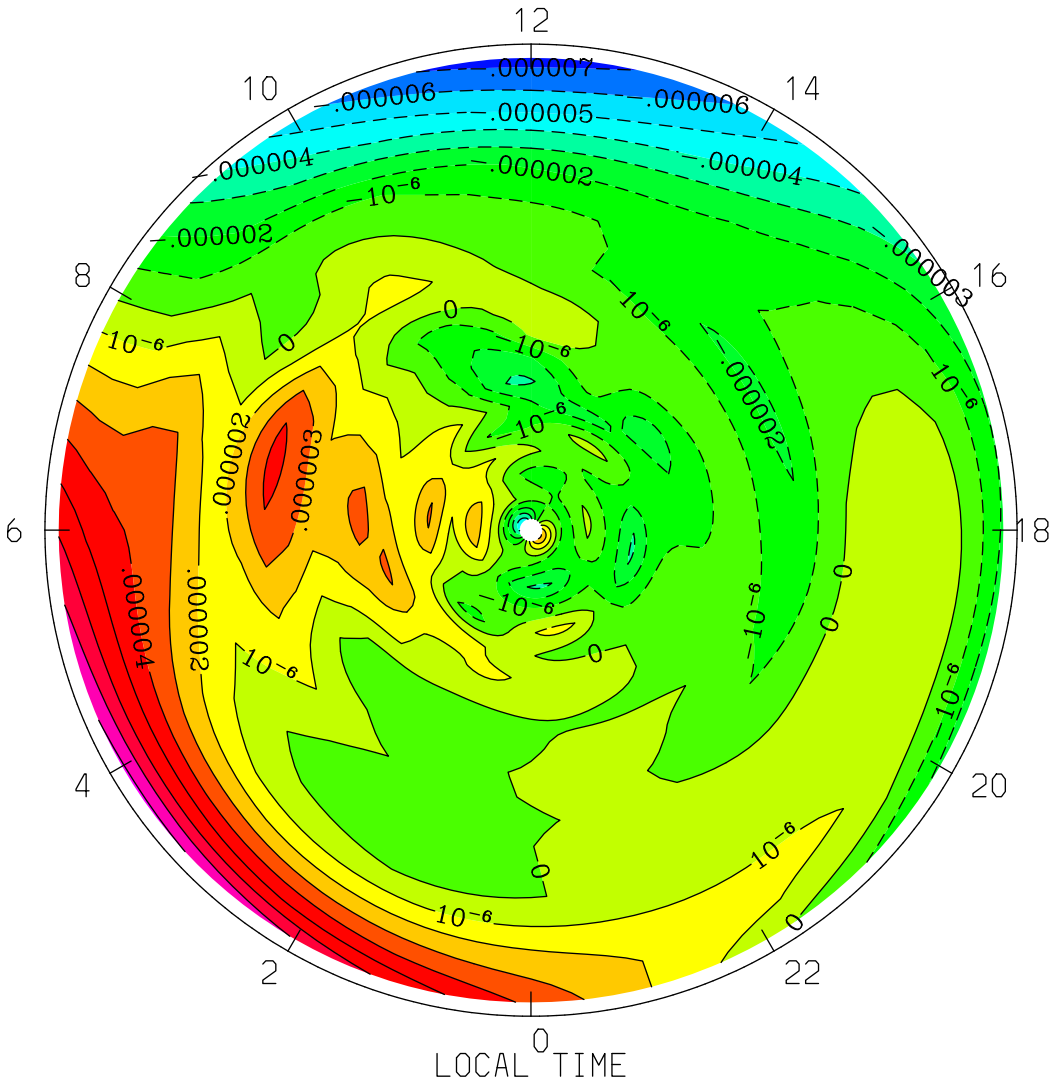
MIN,MAX= 2.7400E+02 4.5468E+03 INTERVAL= 2.5000E+02

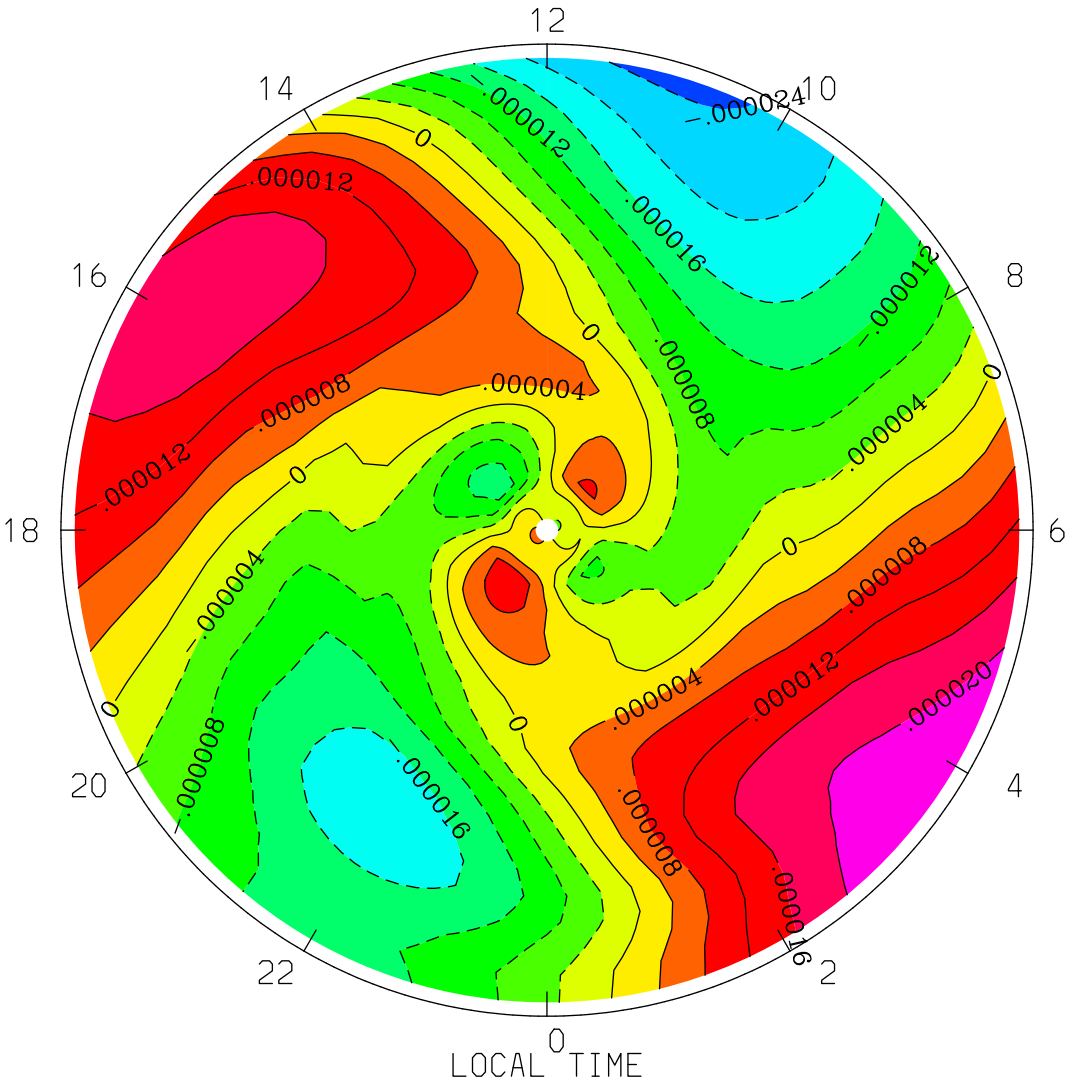
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

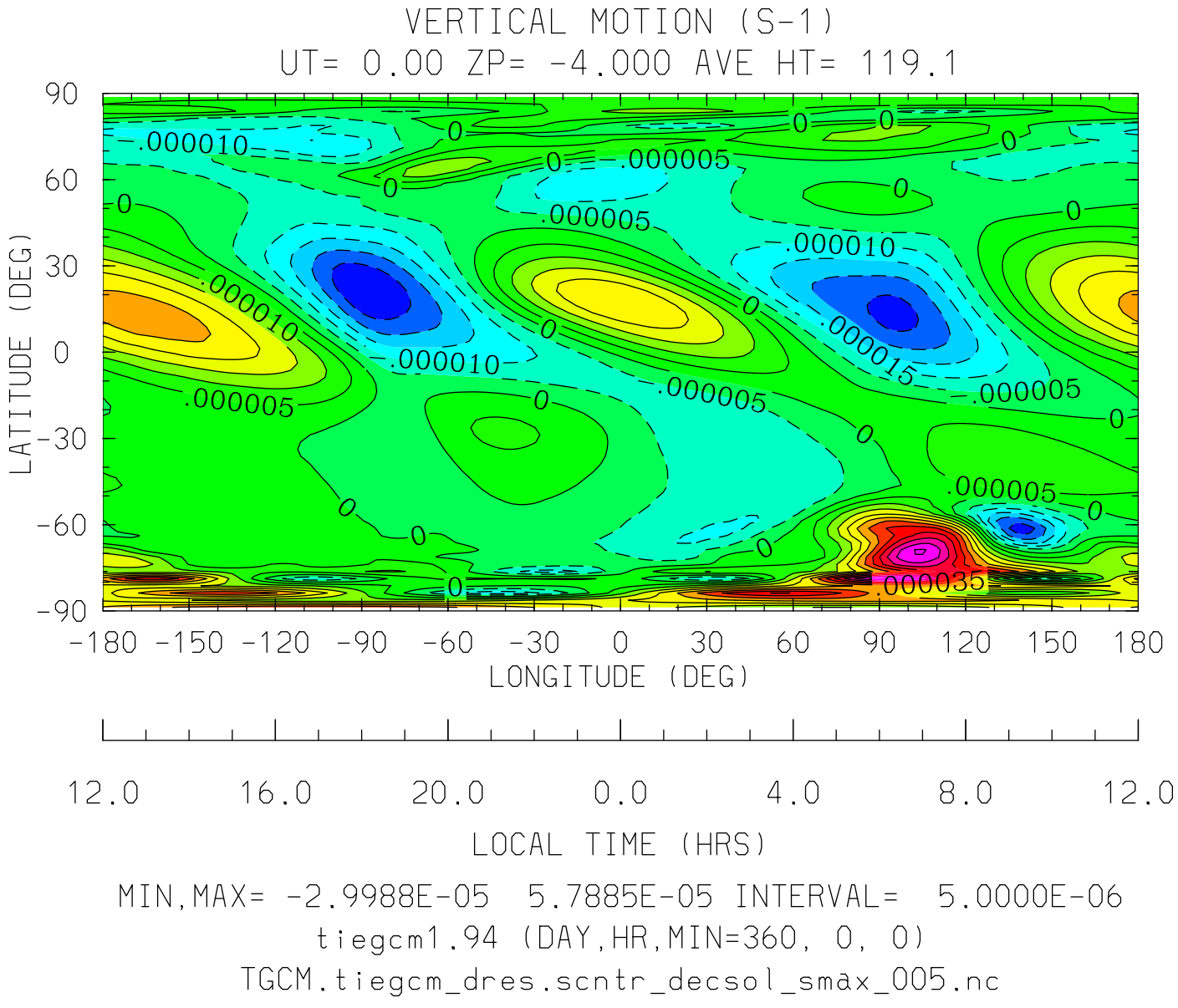
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

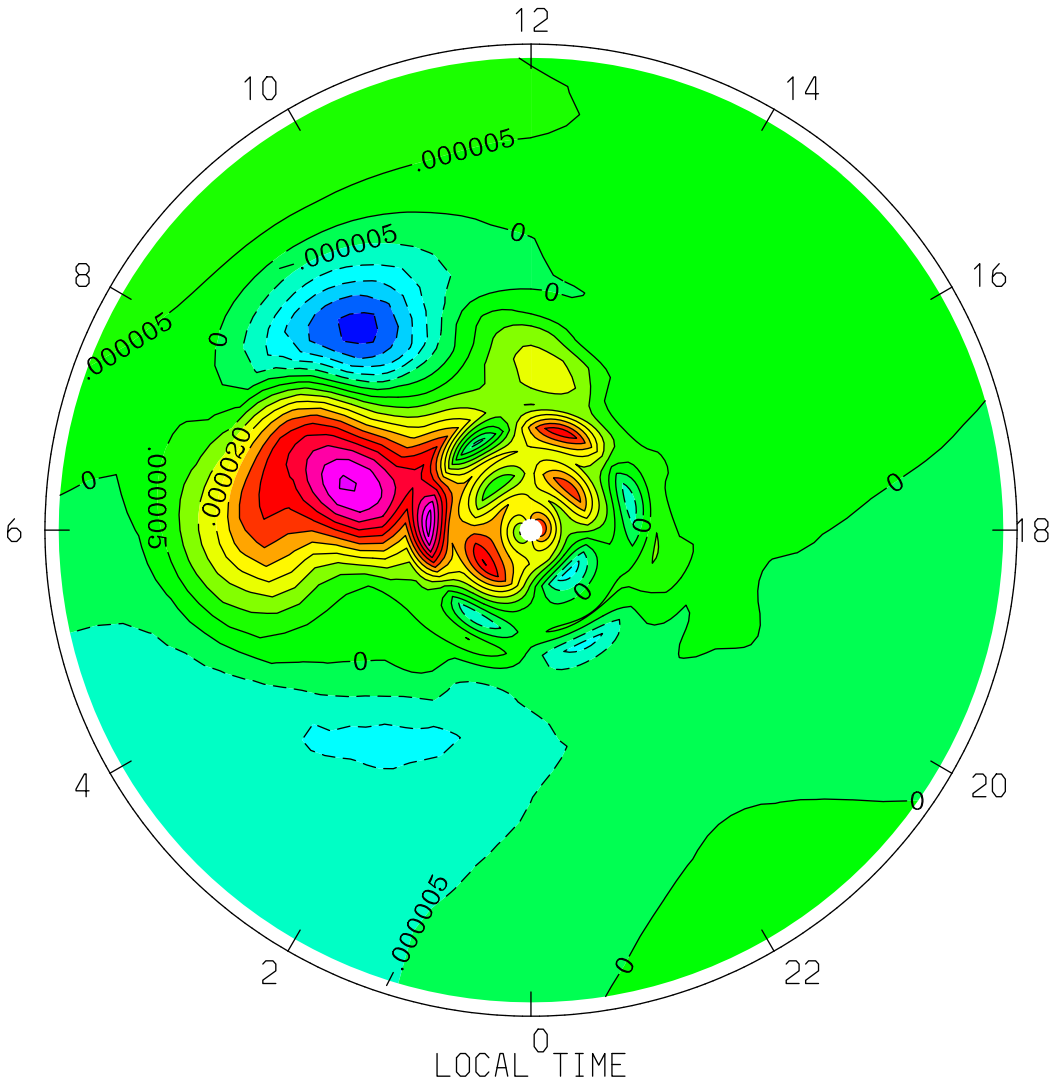

O2+ ION (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 357.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 5.9600E+01 2.9865E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

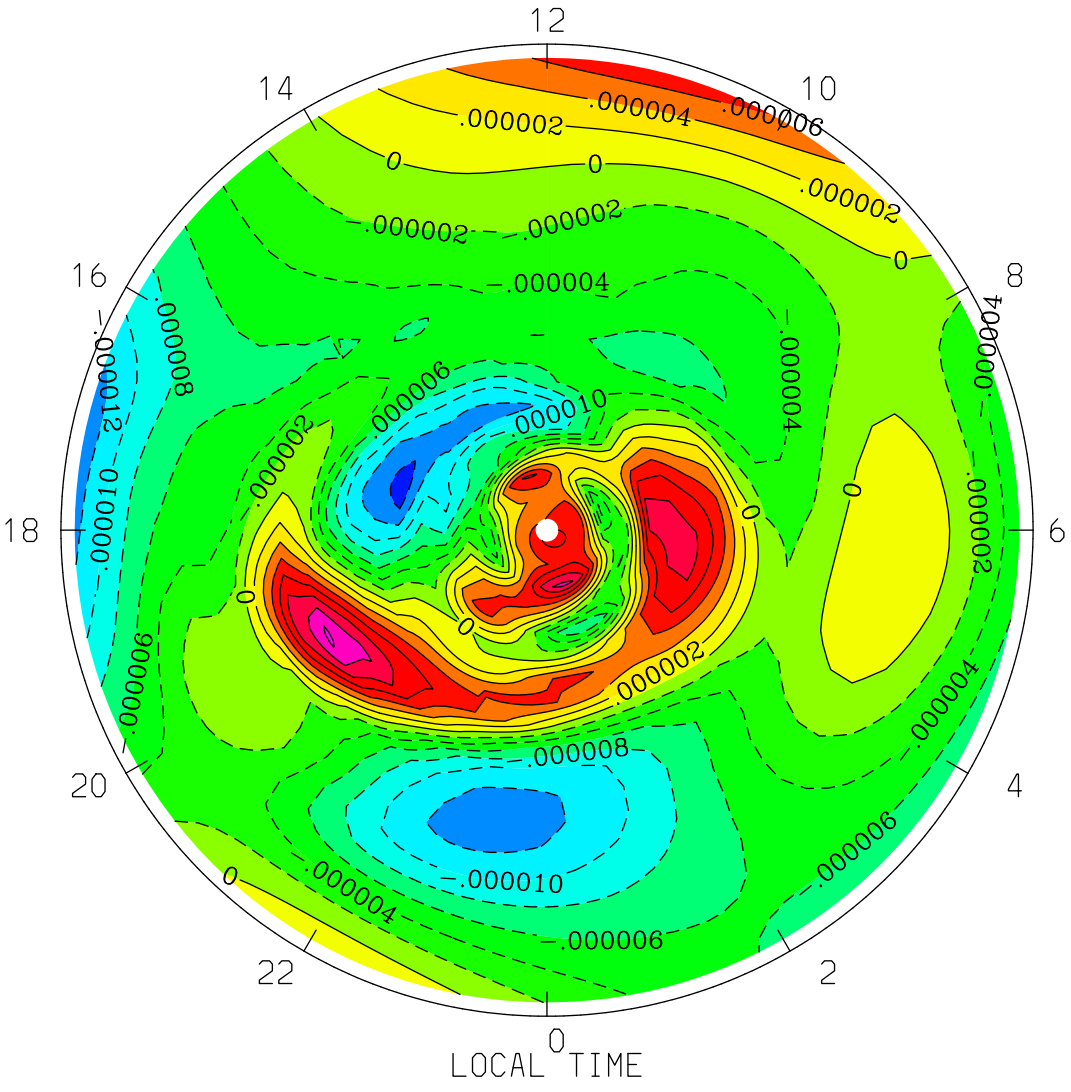

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.8404E-05 2.7475E-05 INTERVAL= 4.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

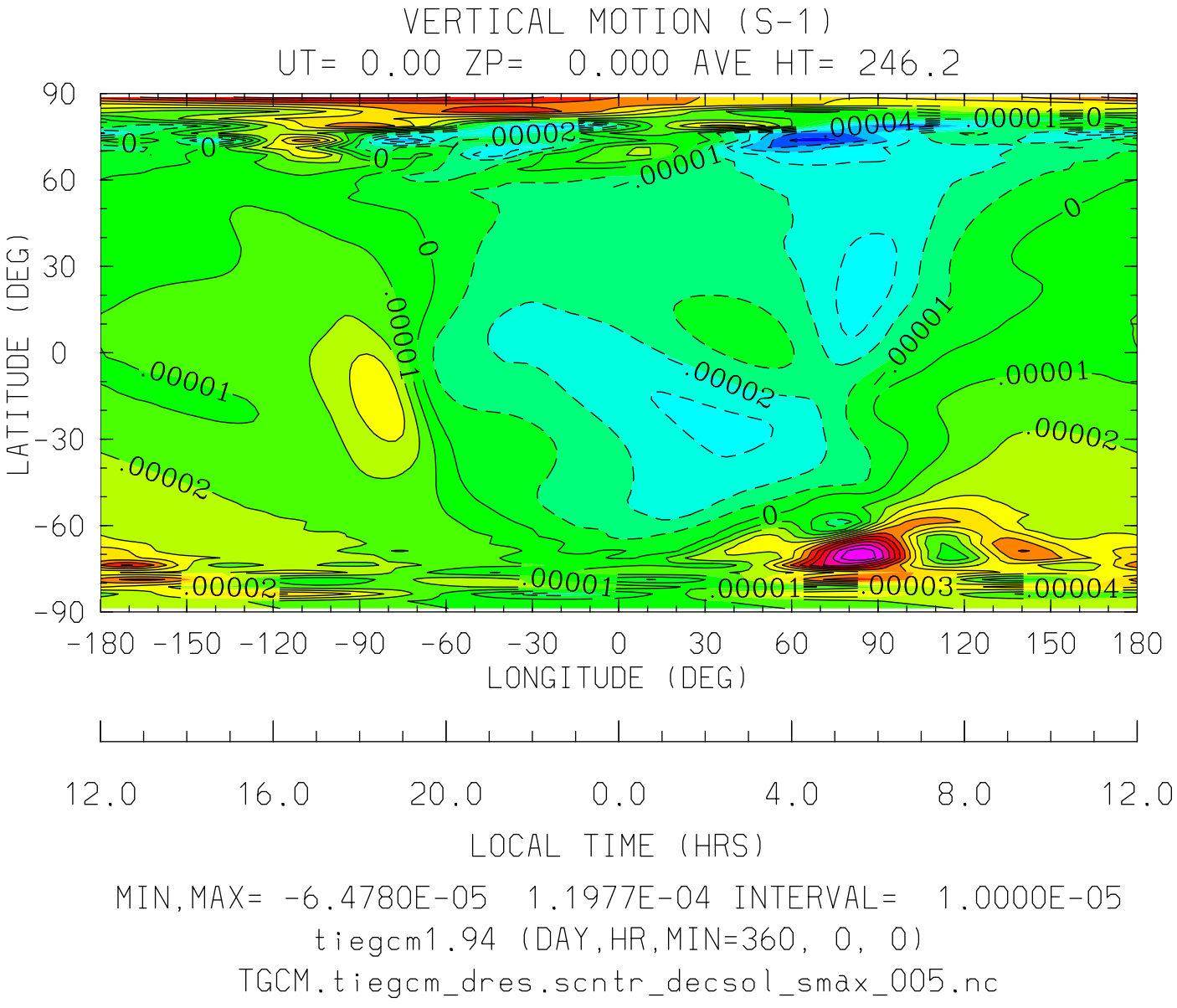

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
.000007
.000006
.000005
.000004
.000003
.000002
10⁻⁶
0
MIN,MAX= -7.4091E-06 8.2020E-06 INTERVAL= 1.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

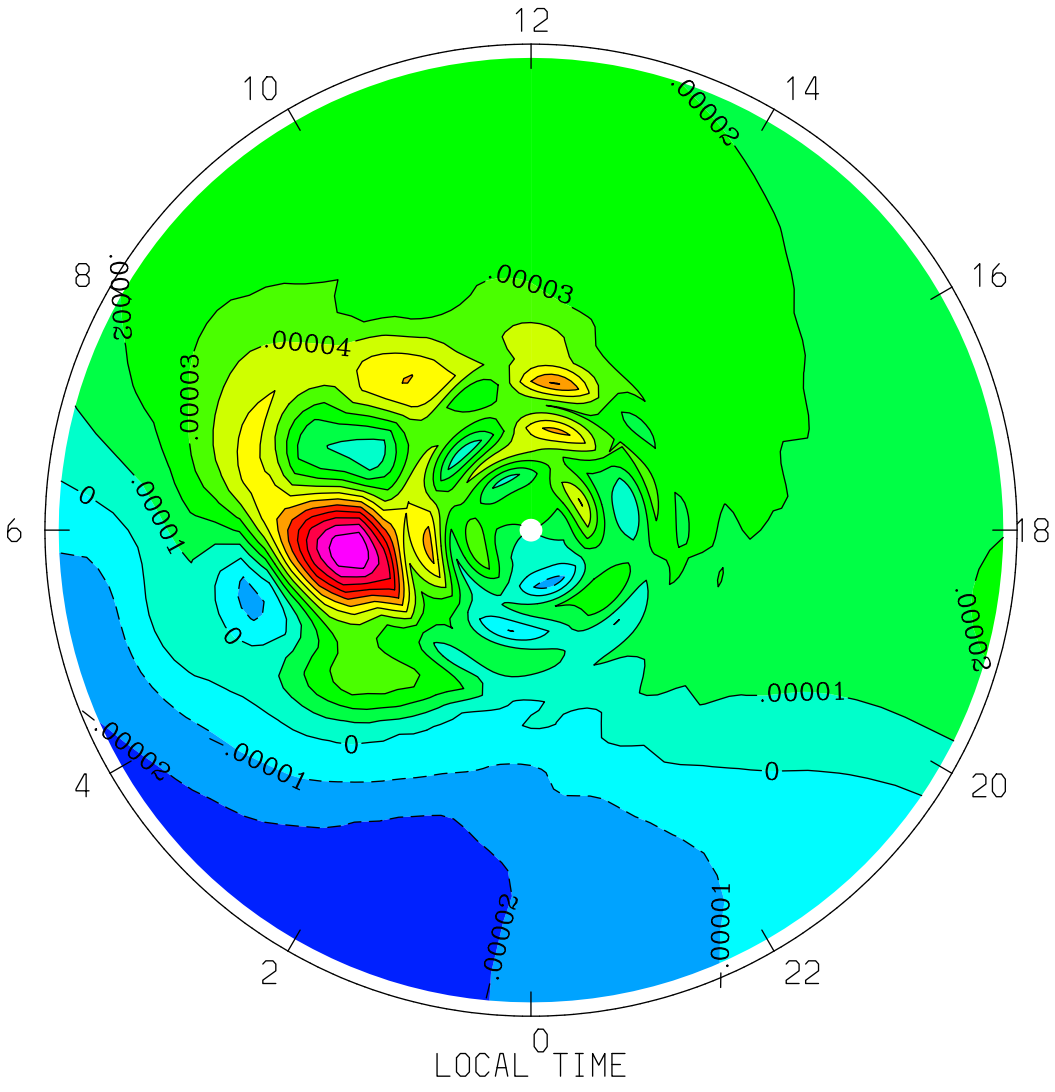

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
-.000024
.000012
0
.000016
.000008
.000004
.000020
LOCAL TIME
MIN,MAX= -2.5081E-05 2.3950E-05 INTERVAL= 4.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

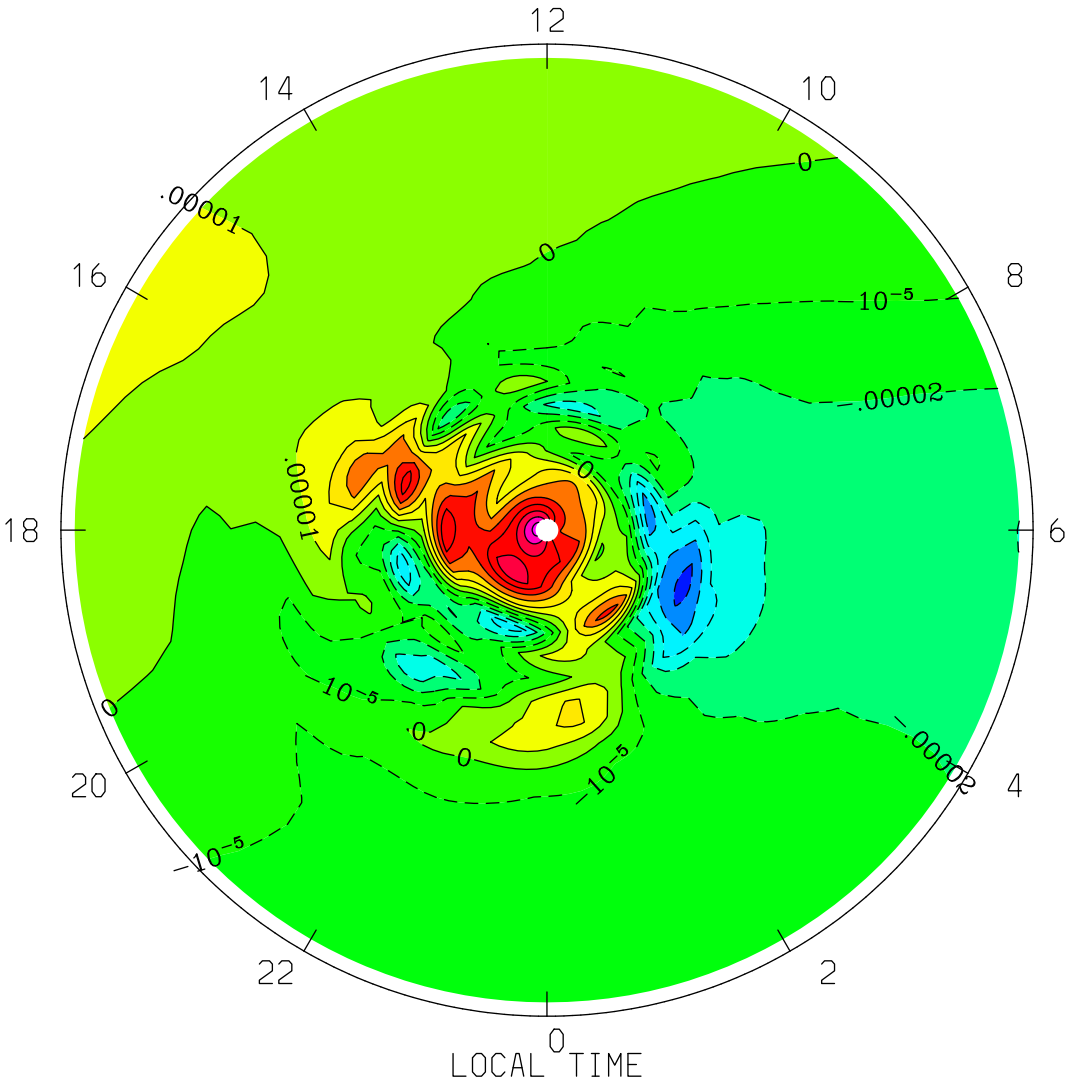

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -4.000 AVE HT= 119.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.9988E-05 5.7885E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

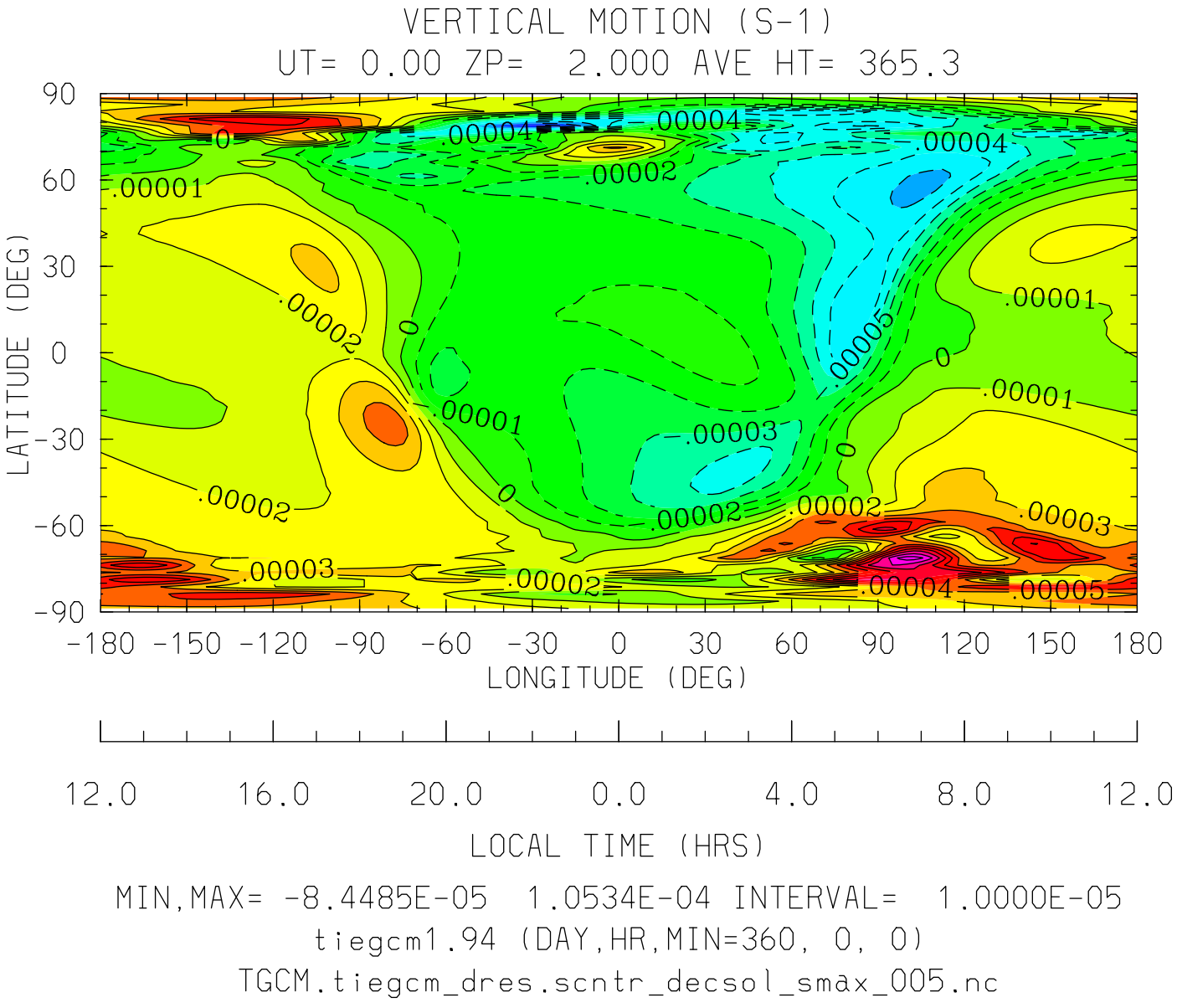

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -4.000 AVE HT= 119.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
.000005
0
.000005
0
.000005
0
.000020
.000005
0
0
0
0
0
0
0
.000005
LOCAL TIME
MIN,MAX= -2.7778E-05 5.7885E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

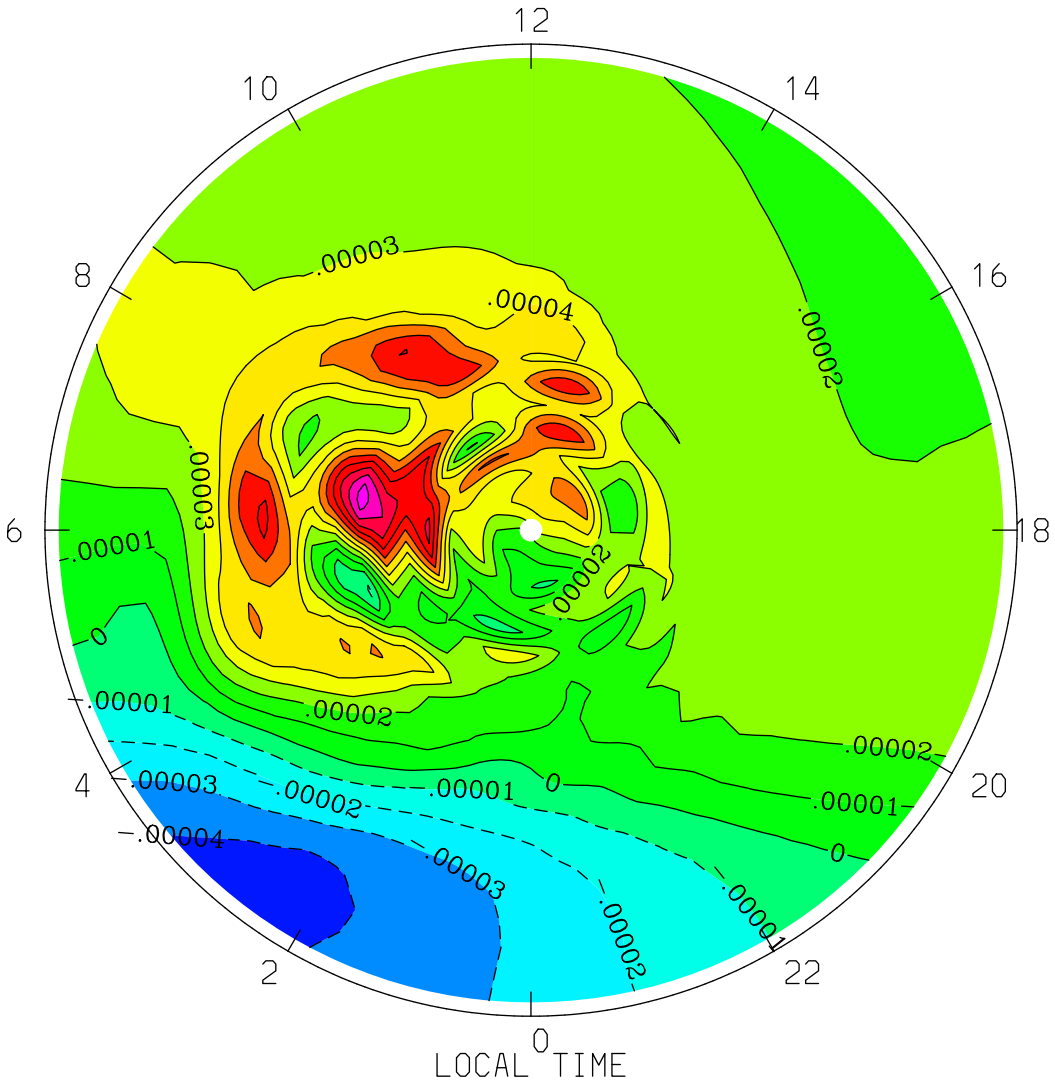

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -4.000 AVE HT= 119.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
.000002
.000004
.000006
0
-.000002
-.000004
-.000006
-.000008
-.000010
-.000012
.000008
.000010
LOCAL TIME
MIN,MAX= -1.5008E-05 1.4365E-05 INTERVAL= 2.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

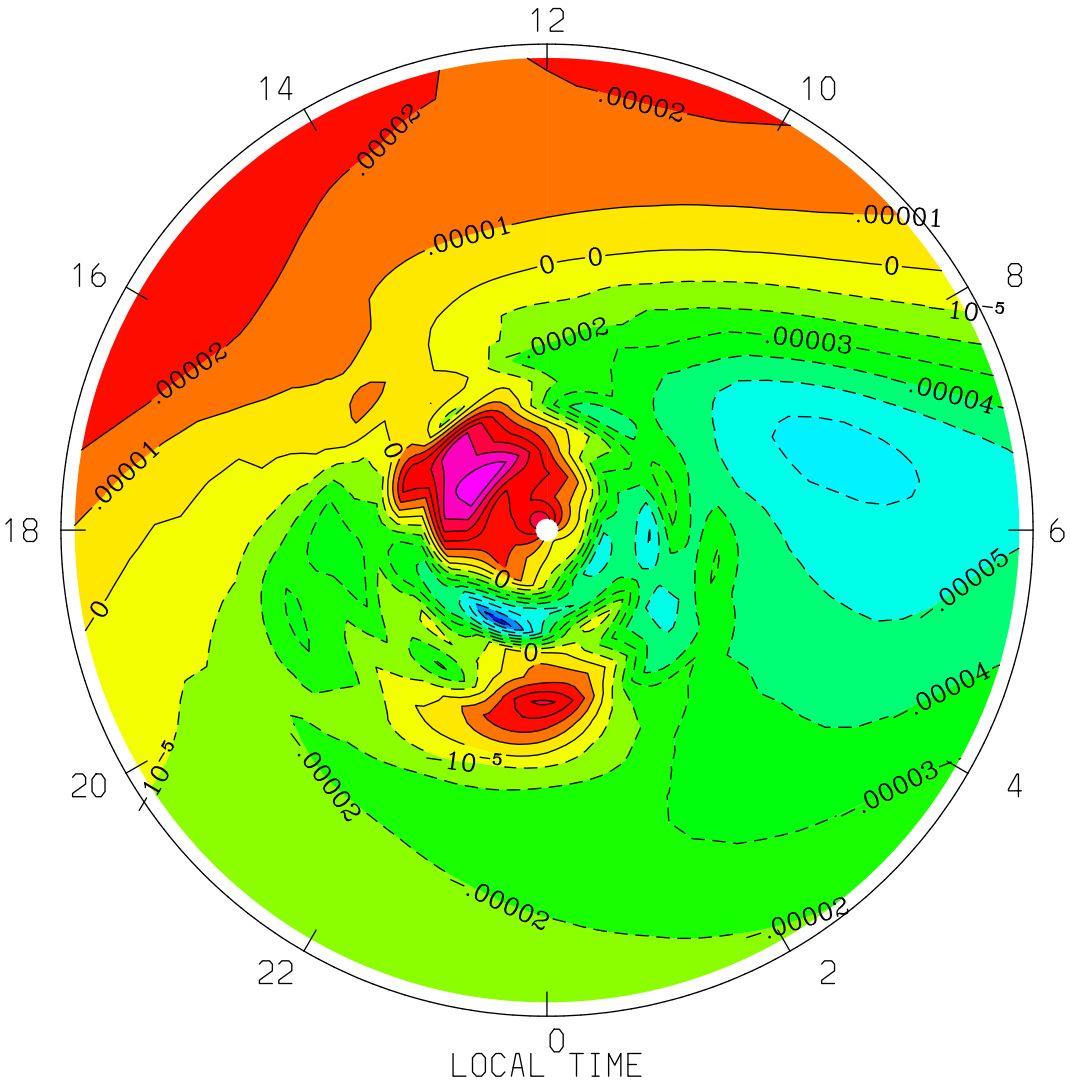

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 246.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -6.4780E-05 1.1977E-04 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

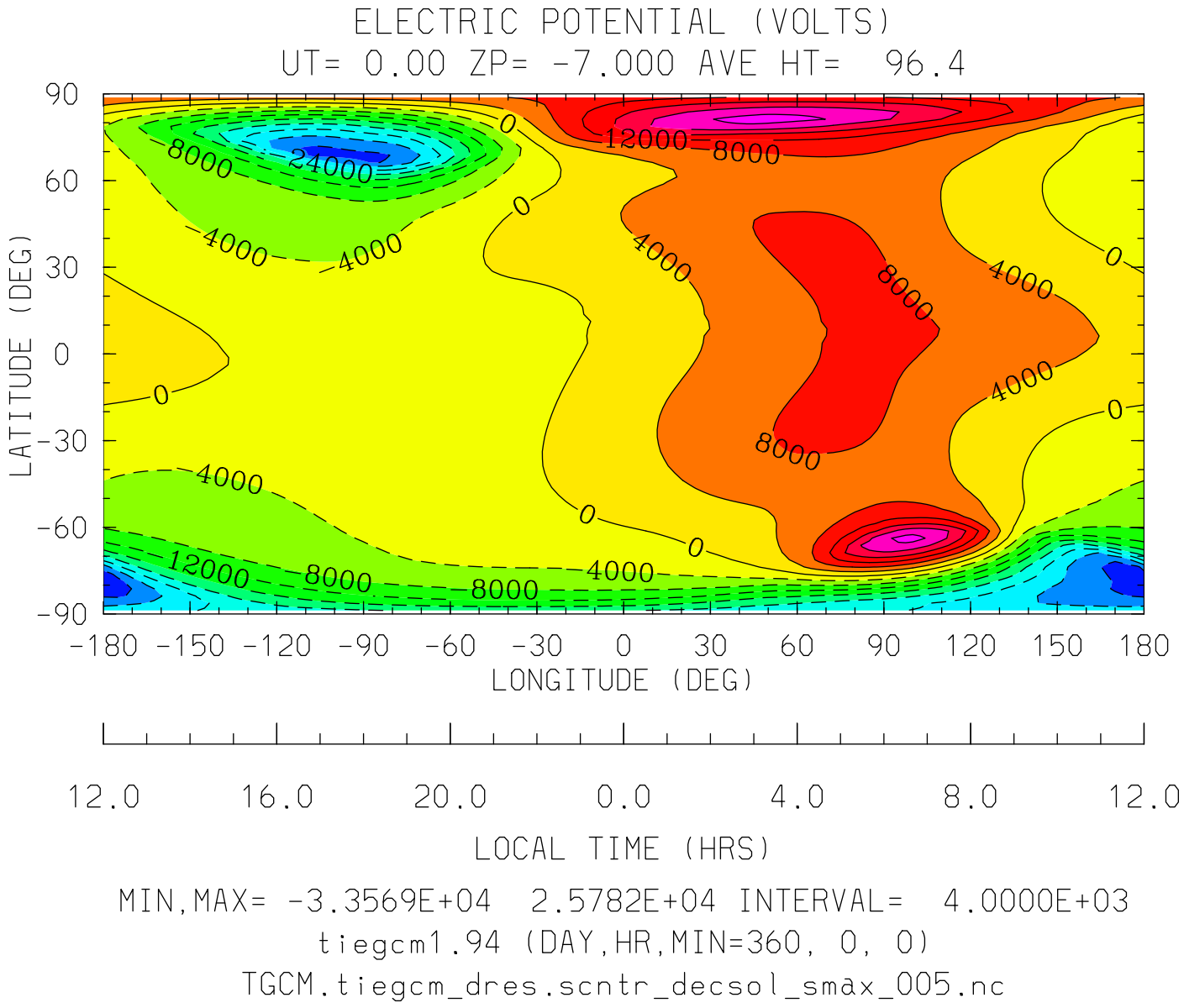

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 246.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
.00002
.00003
.00004
.00001
0
LOCAL TIME
MIN,MAX= -2.7850E-05 1.1977E-04 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

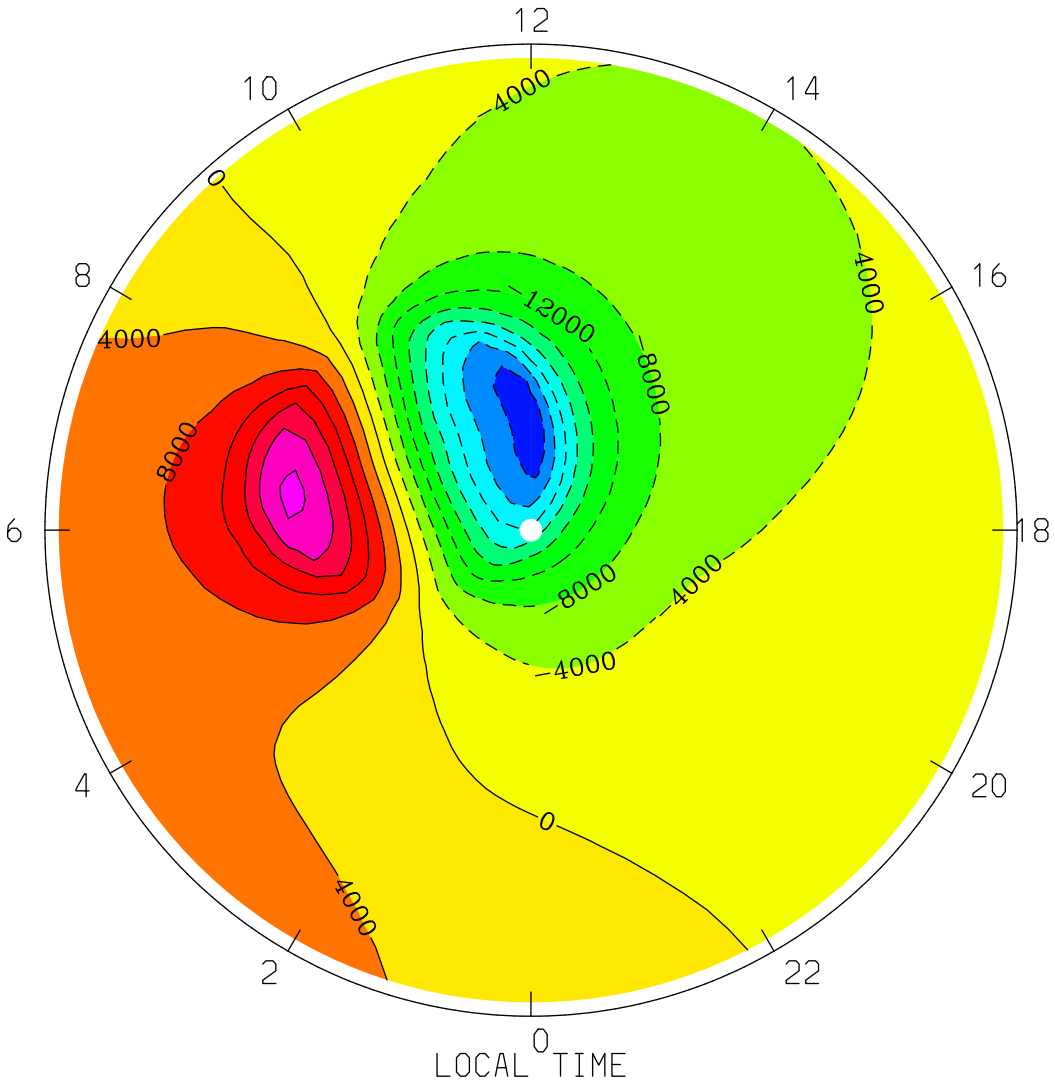

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 246.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
.00001
0
10^{-5}
.00002
MIN,MAX= -6.4780E-05 8.4592E-05 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

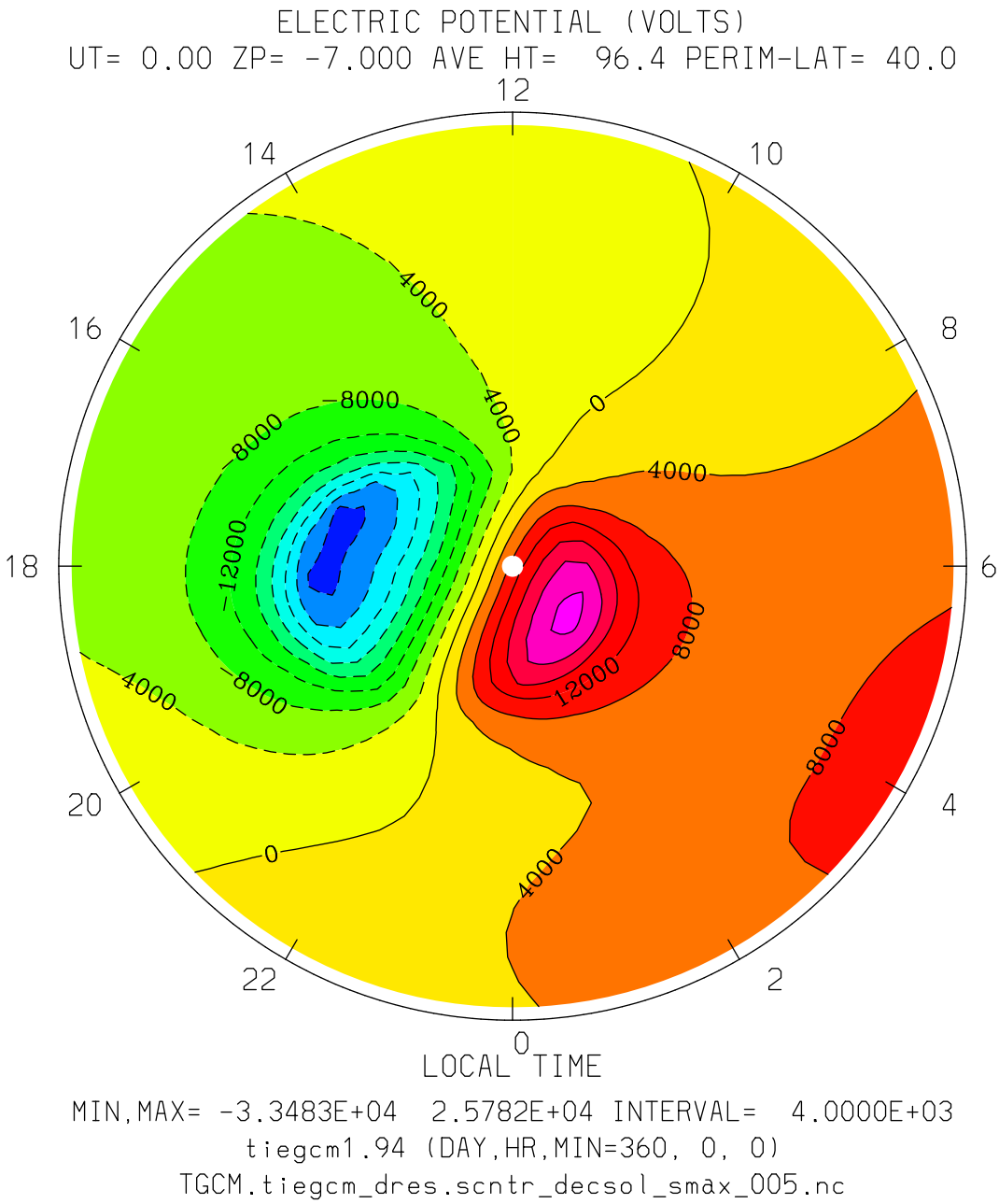

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 2.000 AVE HT= 365.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -8.4485E-05 1.0534E-04 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

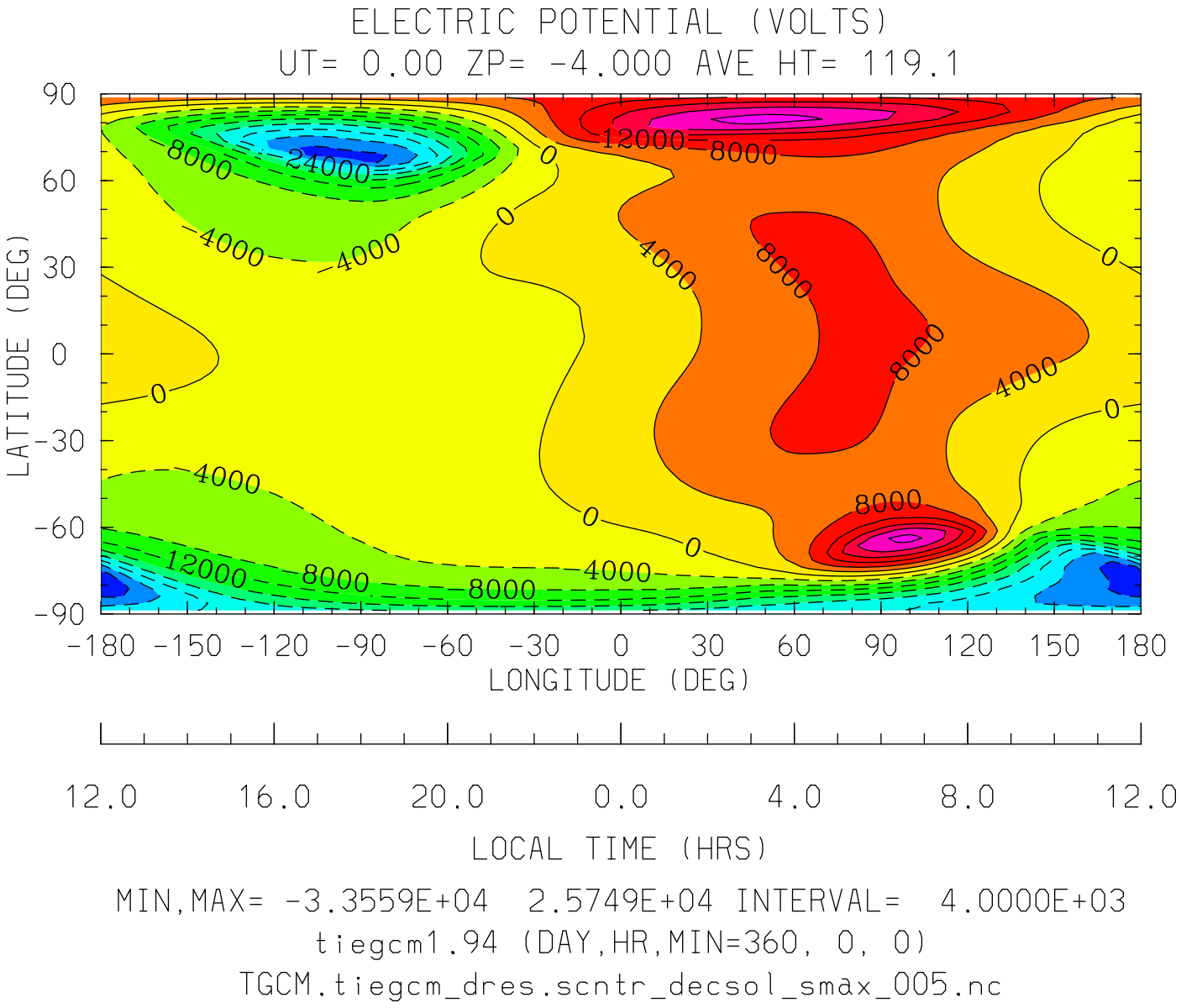

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 2.000 AVE HT= 365.3 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
.00003
.00004
.00002
.00001
0
-.00001
-.00002
-.00003
-.00004
LOCAL TIME
MIN,MAX= -4.5864E-05 1.0534E-04 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

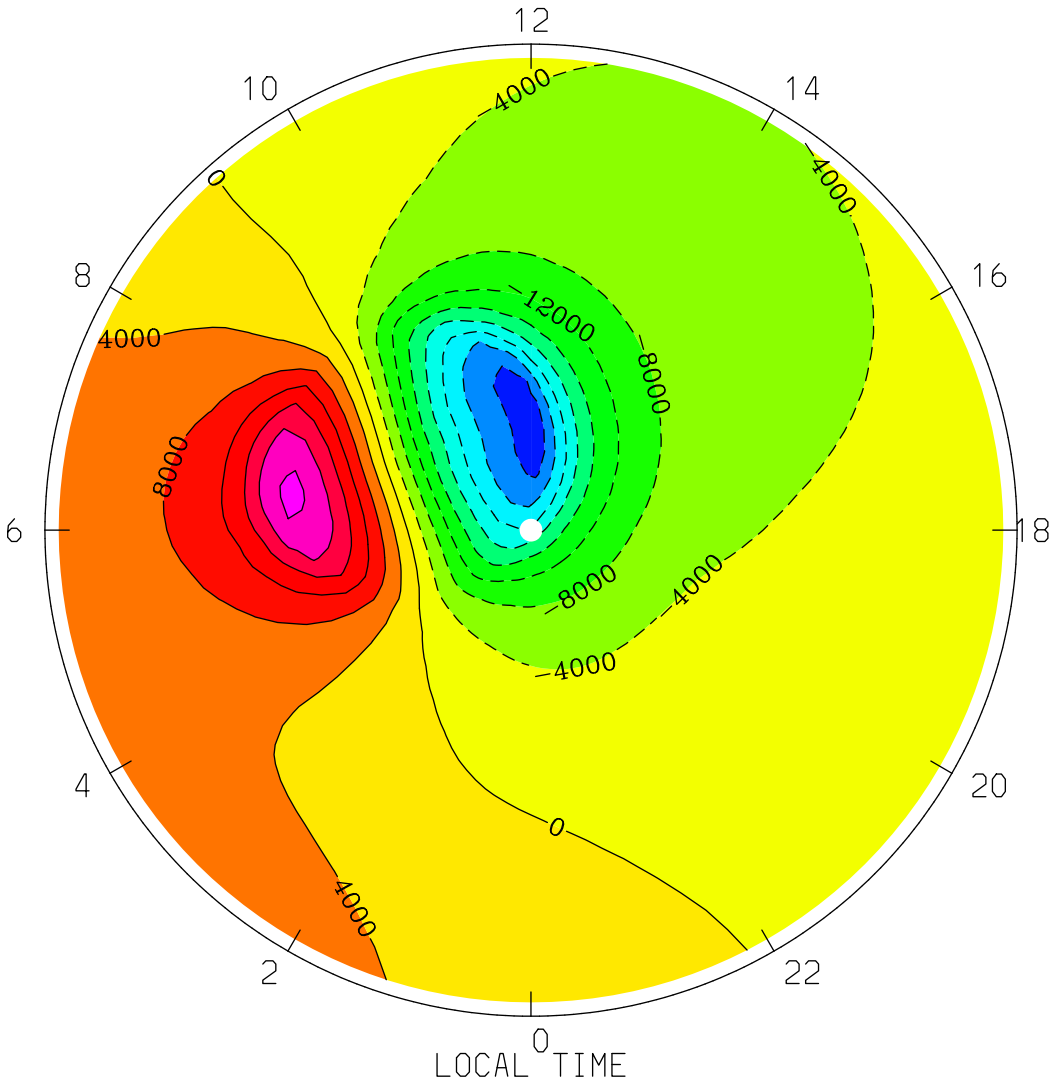

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 2.000 AVE HT= 365.3 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
.00002
.00001
0
10^{-5}
.00003
.00004
.00005
LOCAL TIME
MIN,MAX= -8.4485E-05 6.8887E-05 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

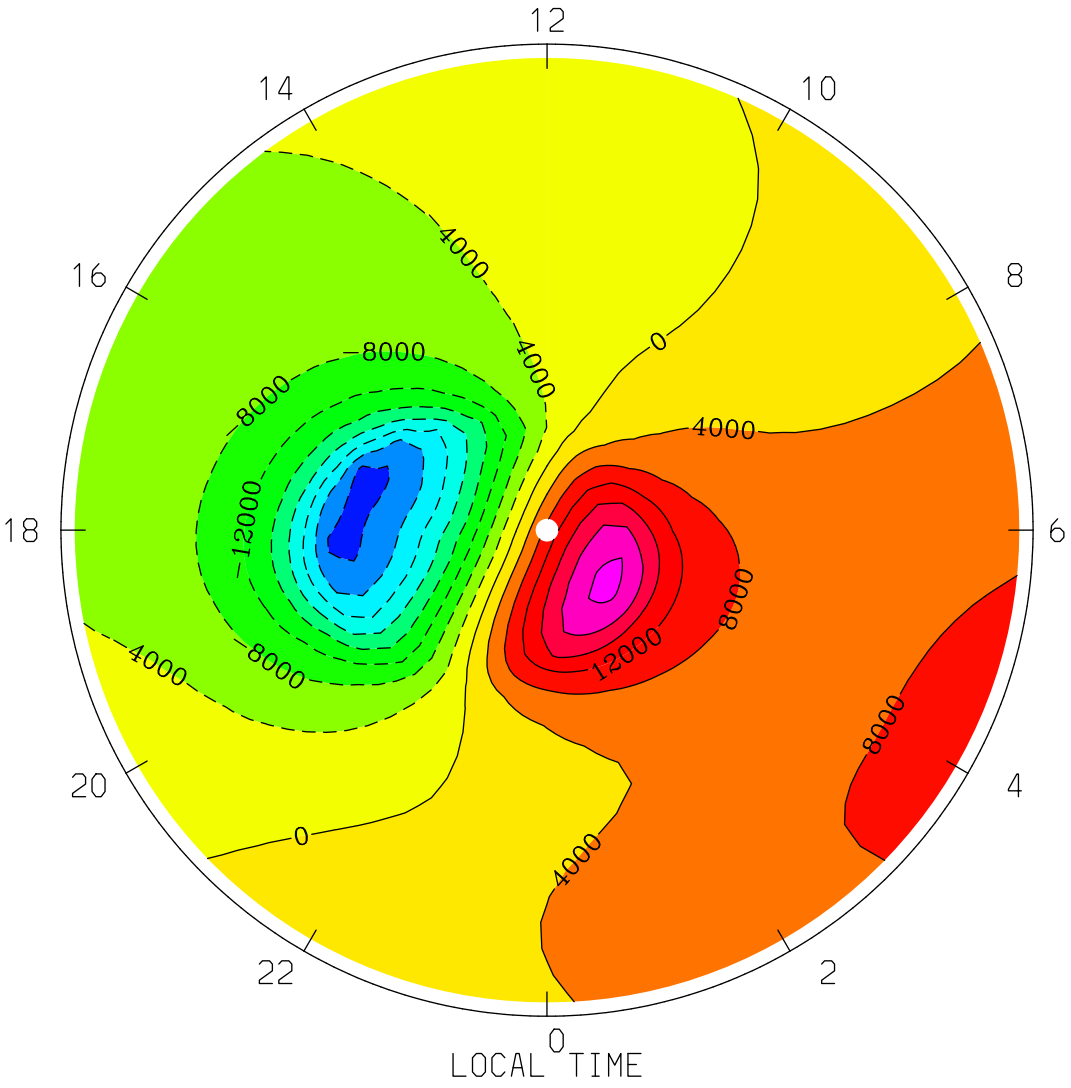

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.3569E+04 2.5782E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
4000
0
4000
12000
8000
8000
4000
4000
8000
4000
0
4000
LOCAL TIME
MIN,MAX= -3.3569E+04 2.5531E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
4000
-8000
8000
-12000
0
LOCAL TIME
MIN,MAX= -3.3483E+04 2.5782E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -4.000 AVE HT= 119.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.3559E+04 2.5749E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

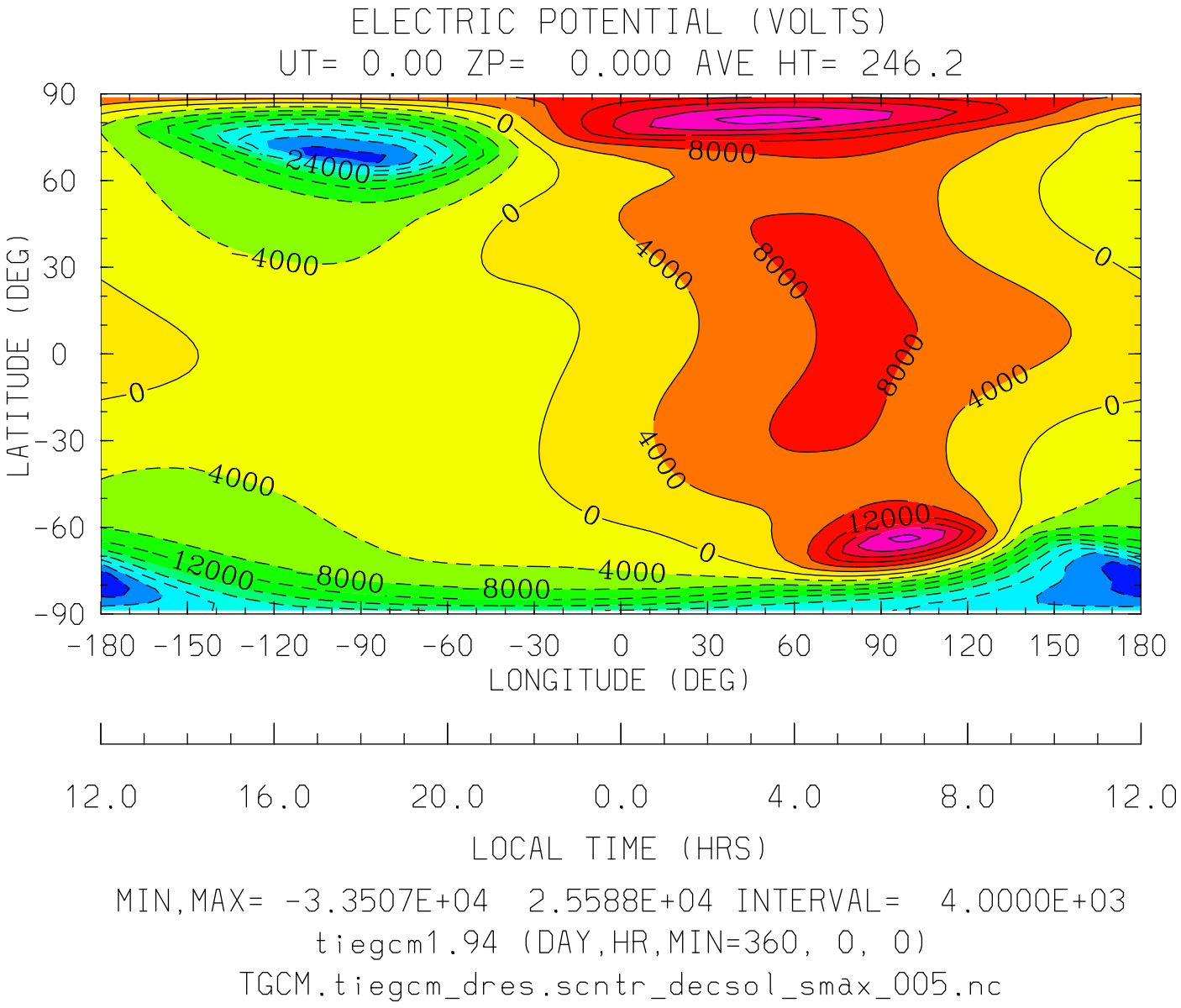

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -4.000 AVE HT= 119.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
4000
0
4000
4000
12000
8000
8000
8000
4000
4000
0
4000
LOCAL TIME
MIN,MAX= -3.3559E+04 2.5497E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

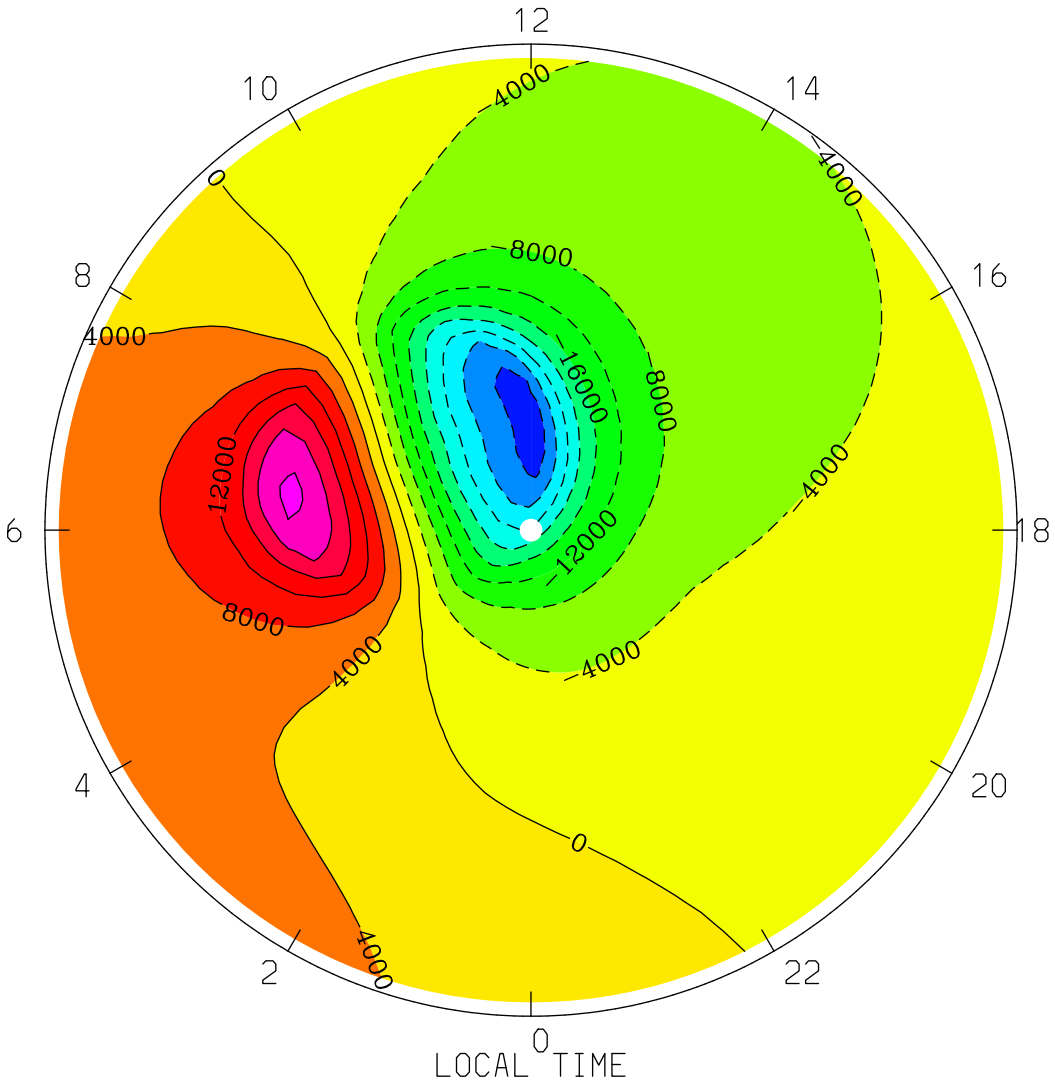


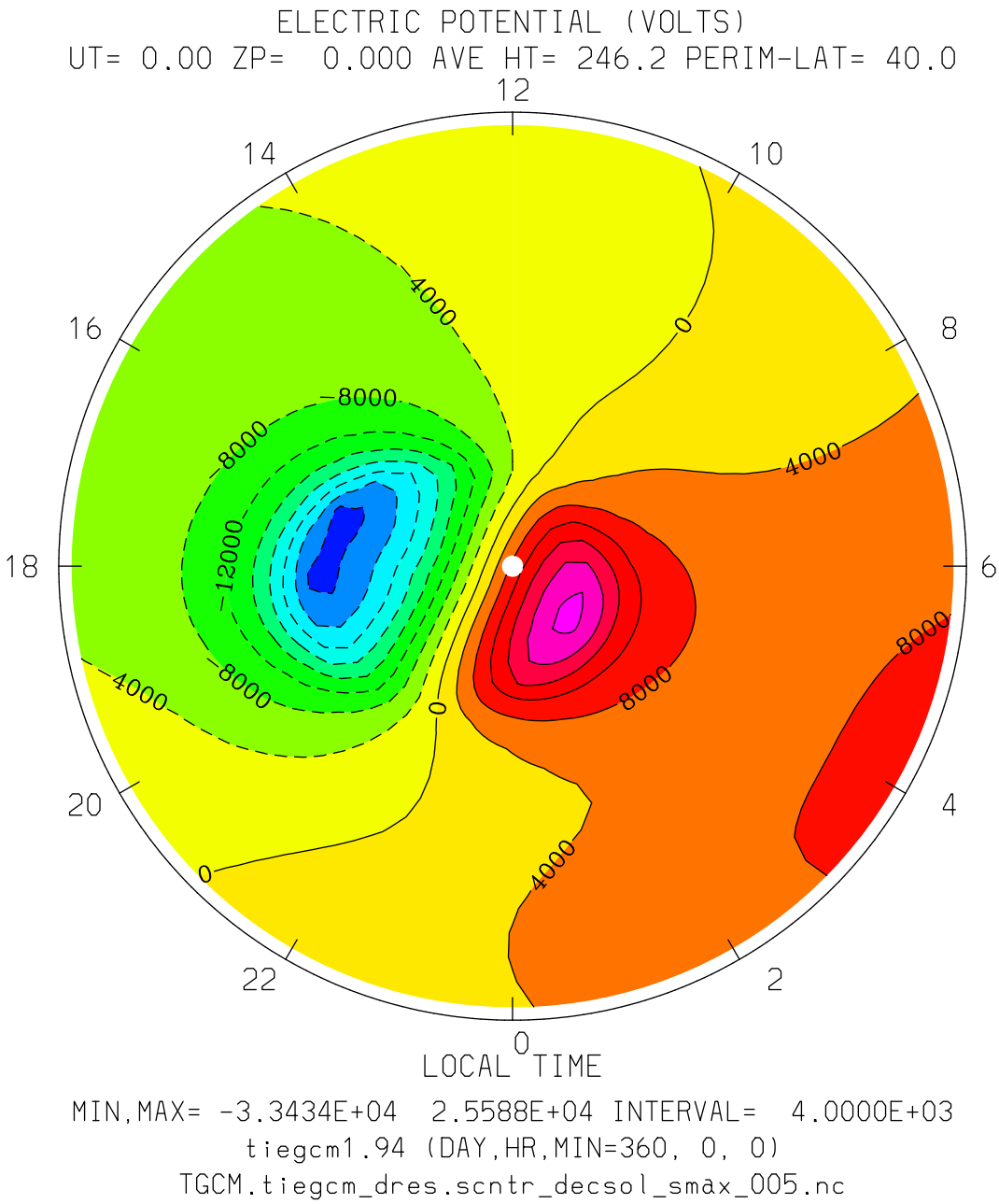
MIN,MAX= -3.3474E+04 2.5749E+04 INTERVAL= 4.0000E+03

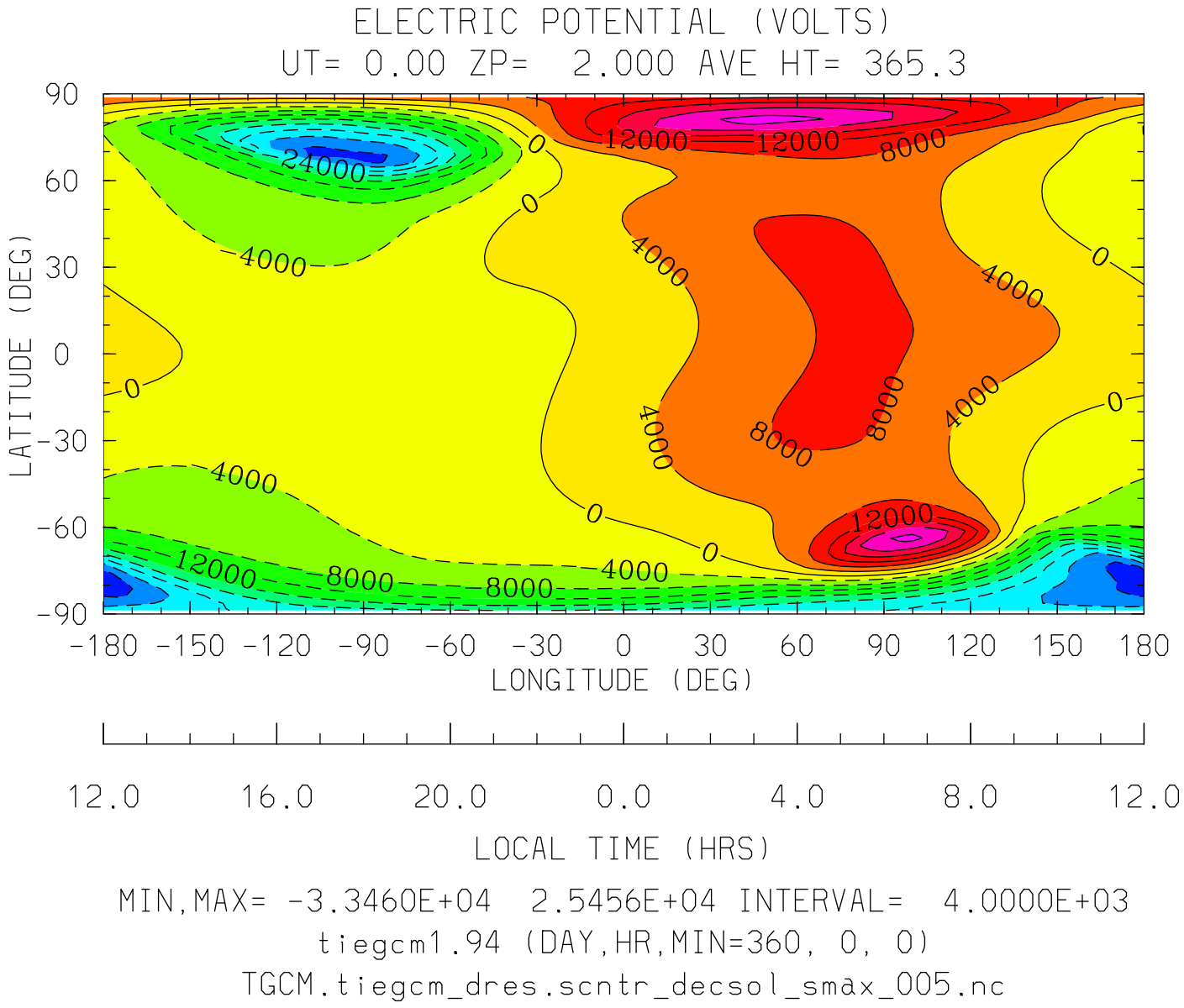
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

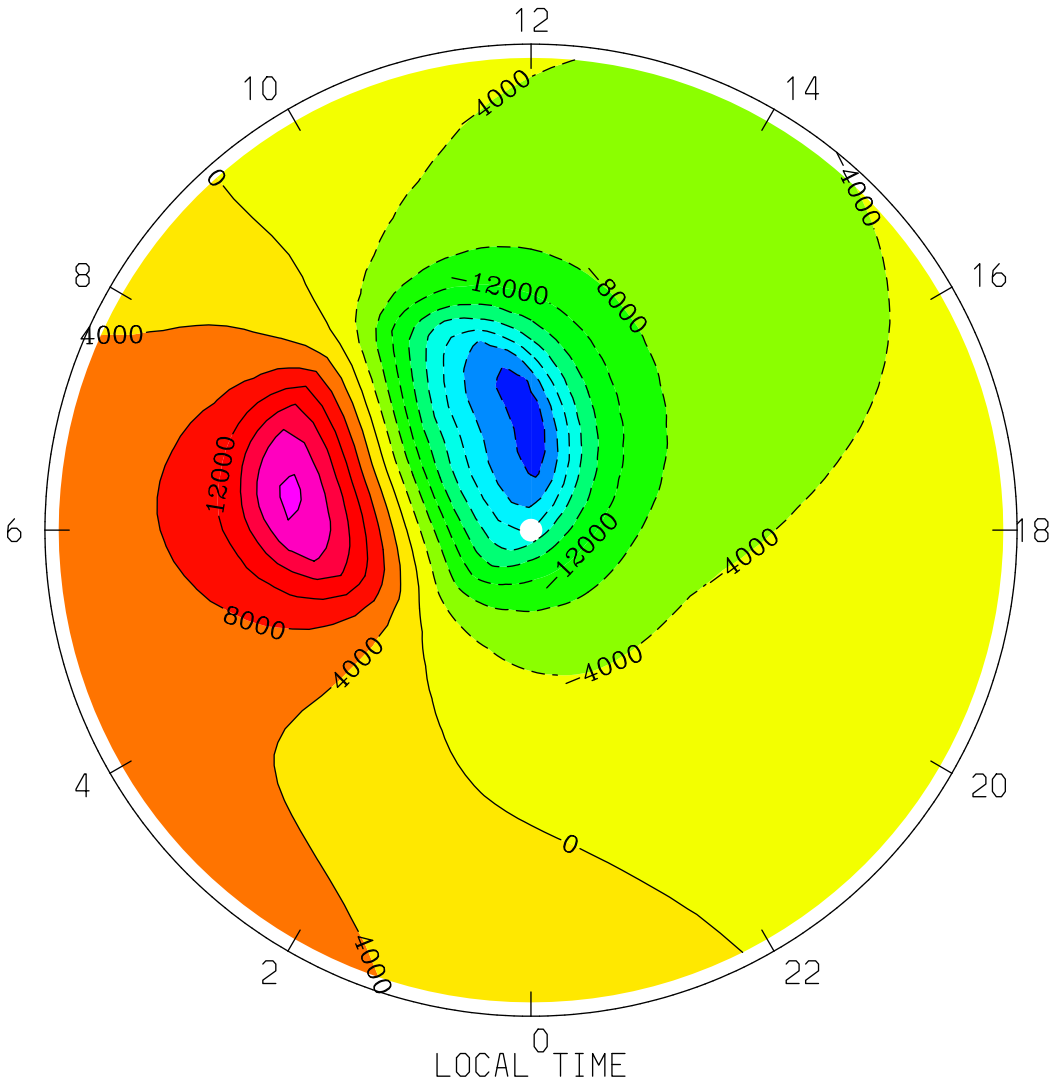
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

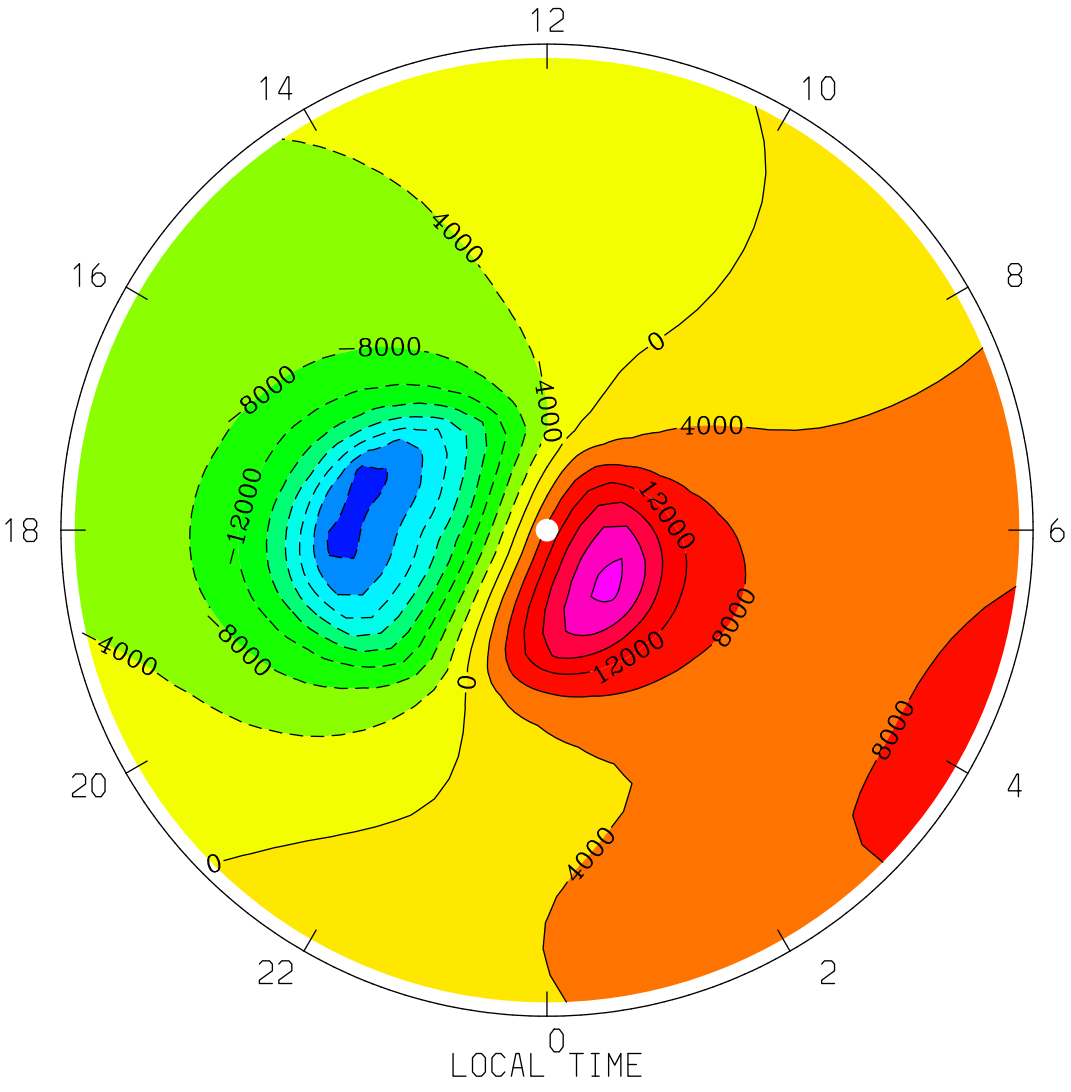

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 0.000 AVE HT= 246.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.3507E+04 2.5588E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 0.000 AVE HT= 246.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
4000
0
8000
16000
12000
MIN,MAX= -3.3507E+04 2.5316E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 0.000 AVE HT= 246.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
4000
0
-8000
8000
-12000
-8000
-4000
0
4000
8000
8000
4000
0
LOCAL TIME
MIN,MAX= -3.3434E+04 2.5588E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 2.000 AVE HT= 365.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.3460E+04 2.5456E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

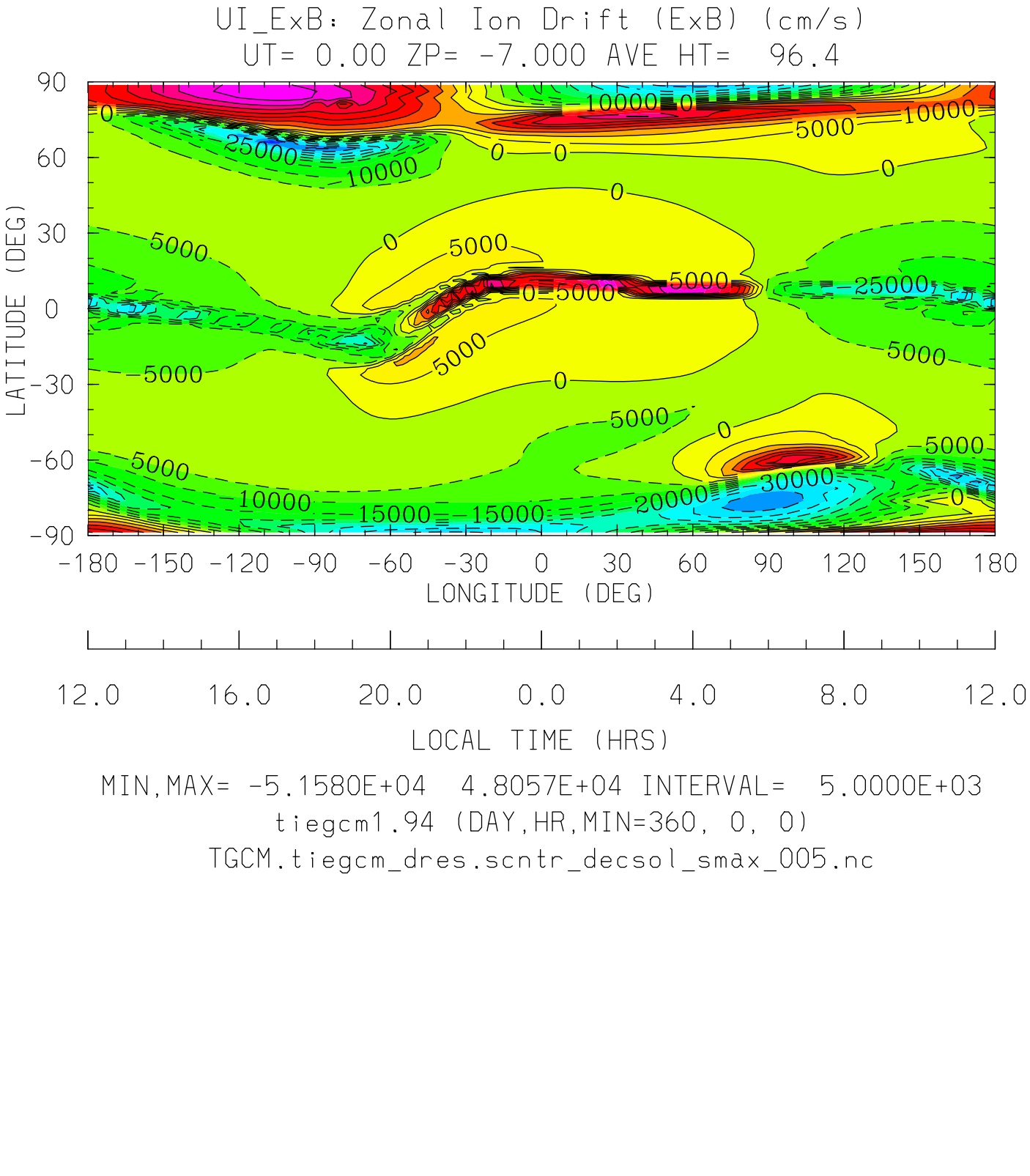

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 2.000 AVE HT= 365.3 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
4000
0
4000
4000
12000
8000
12000
12000
8000
4000
4000
4000
0
4000
LOCAL TIME
MIN,MAX= -3.3460E+04 2.5181E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

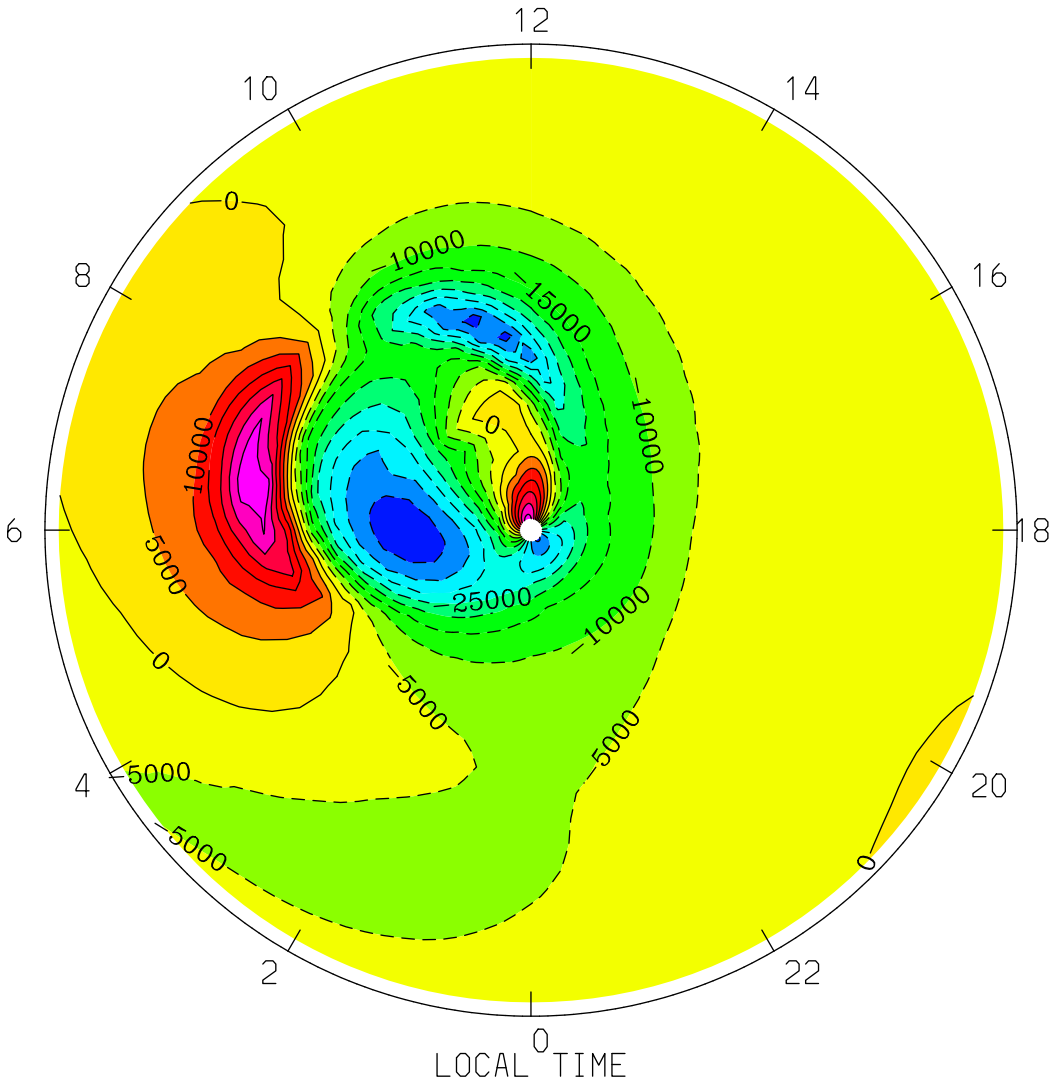


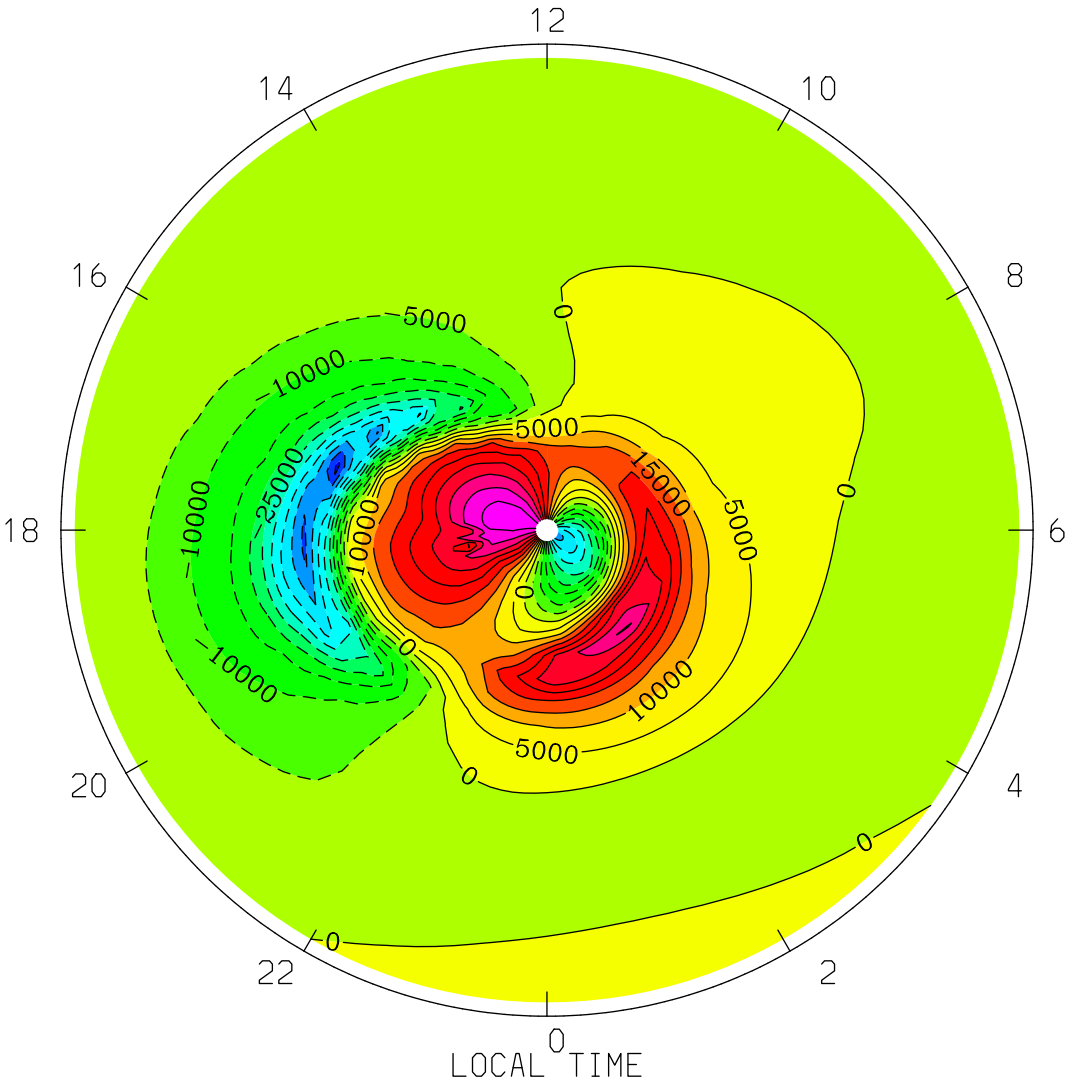
MIN,MAX= -3.3403E+04 2.5456E+04 INTERVAL= 4.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.1580E+04 4.8057E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

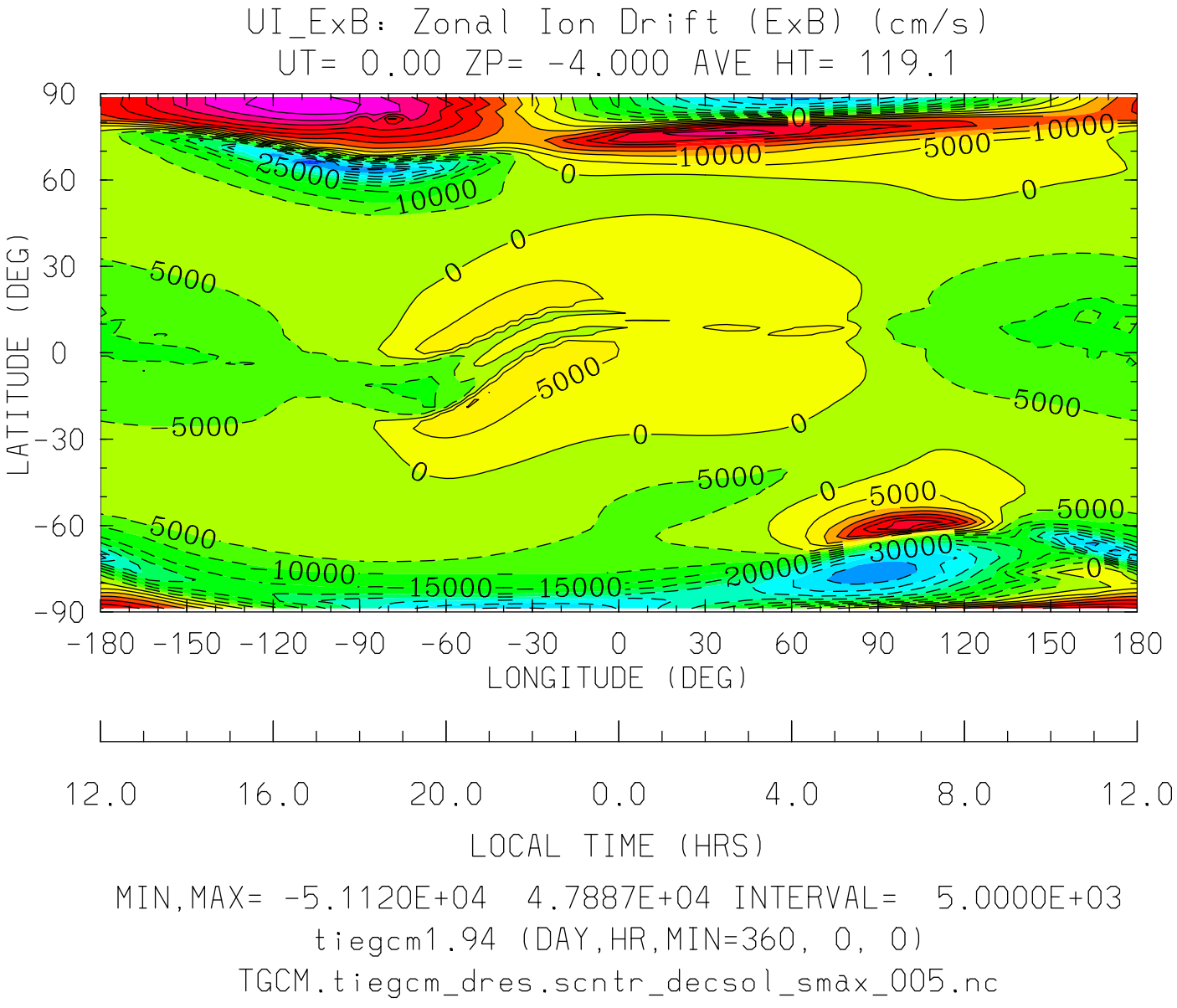

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
10000
15000
10000
0
10000
5000
25000
10000
0
5000
5000
5000
5000
0
MIN,MAX= -4.3445E+04 3.3871E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

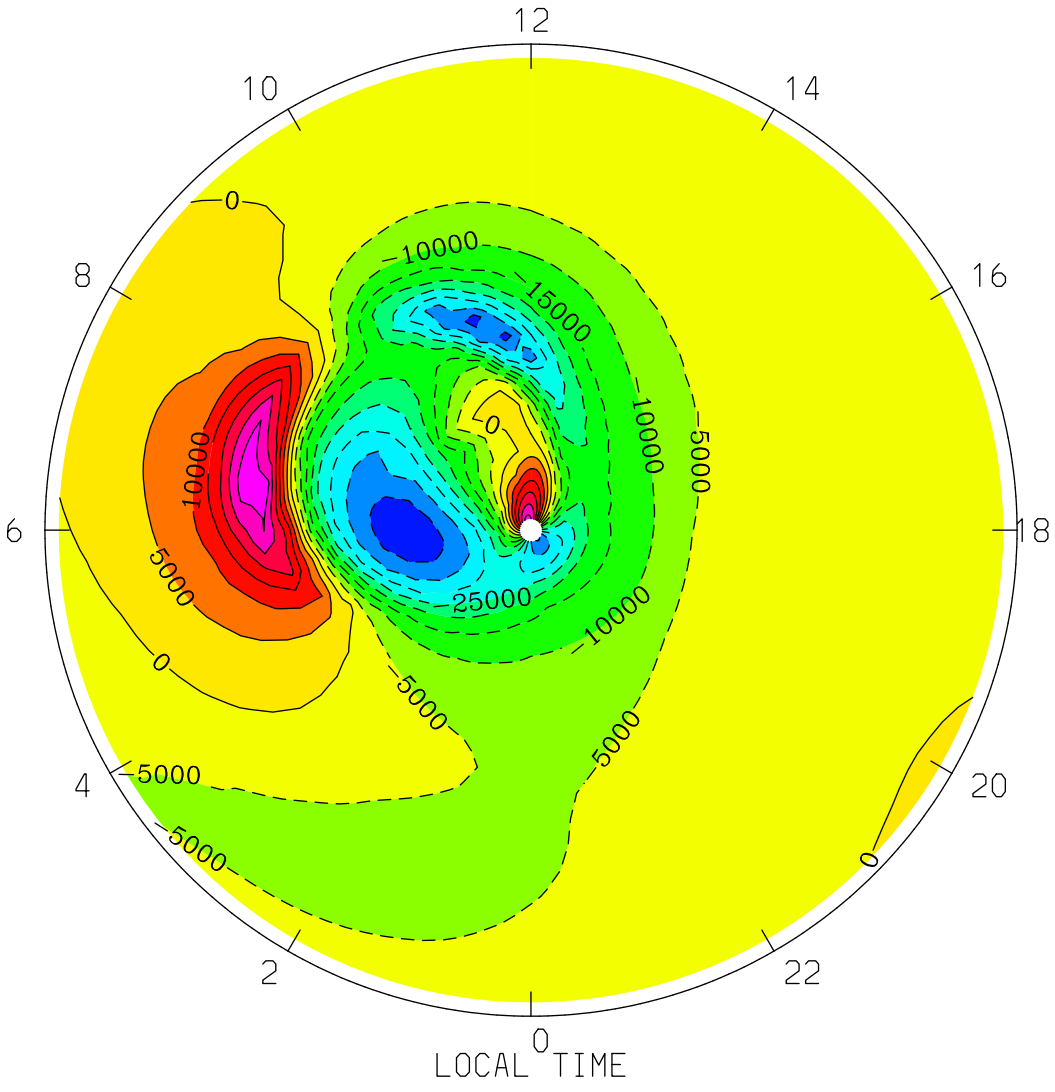


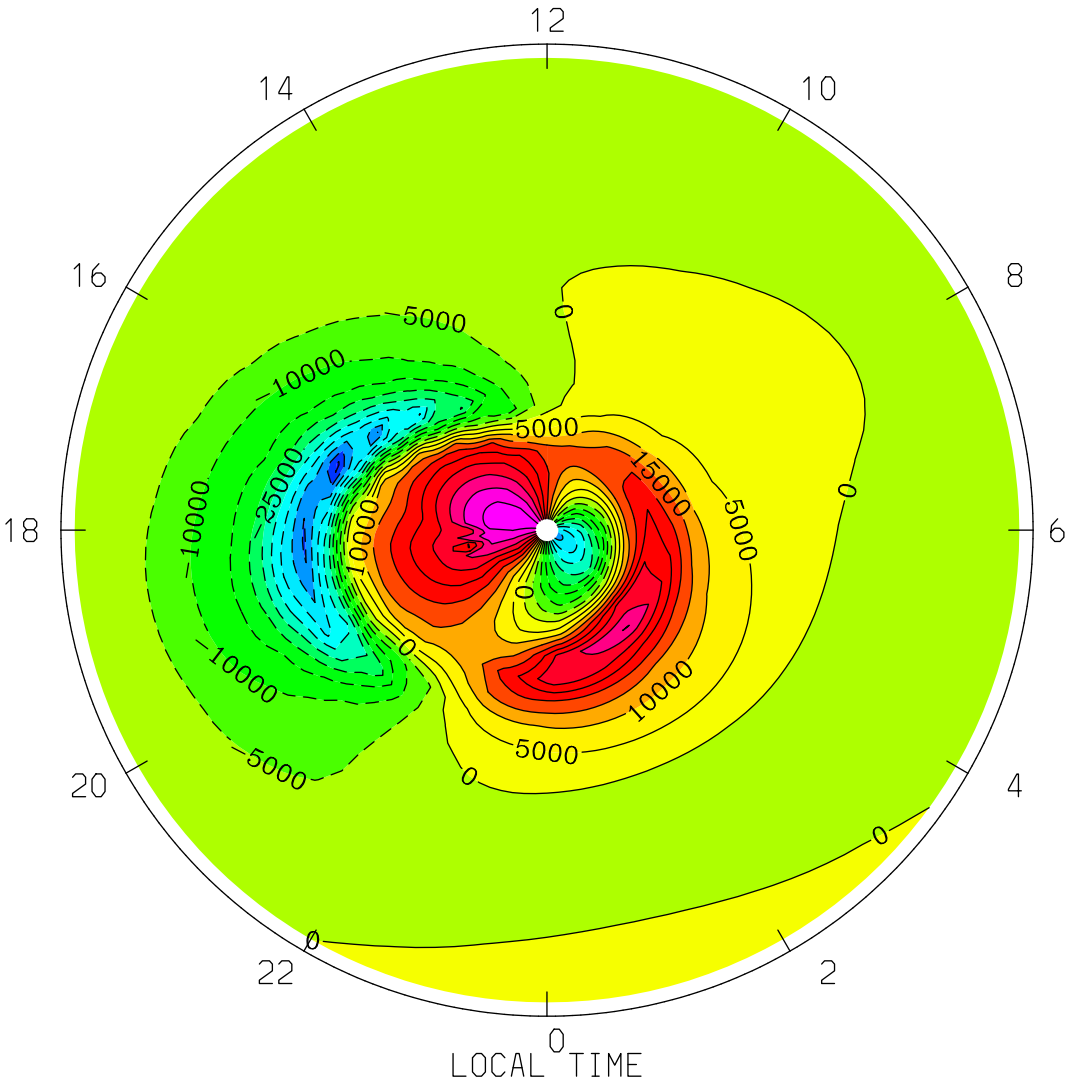
MIN,MAX= -5.1580E+04 4.8057E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 119.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.1120E+04 4.7887E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

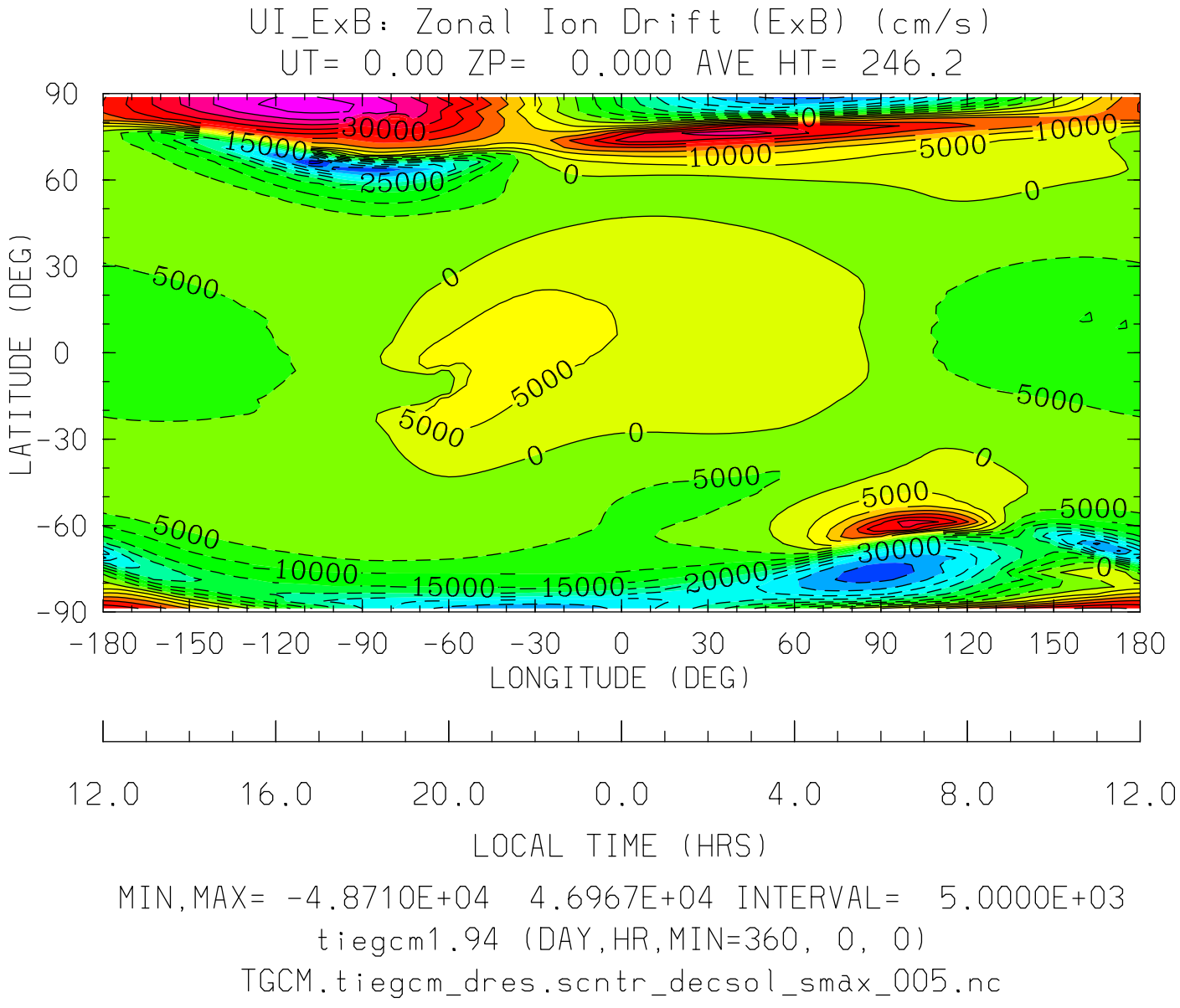

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 119.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
10000
15000
5000
25000
-10000
-5000
MIN,MAX= -4.3282E+04 3.3769E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

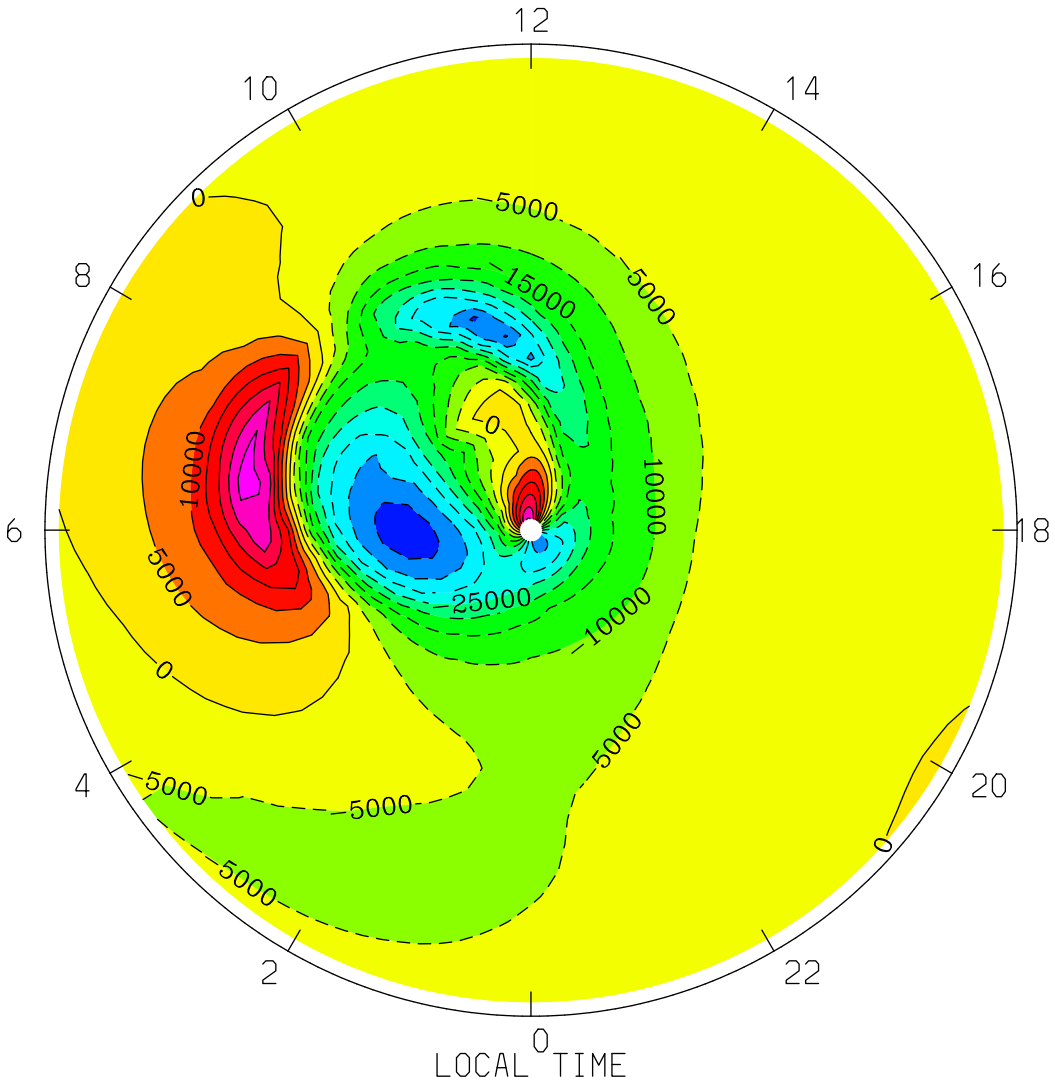


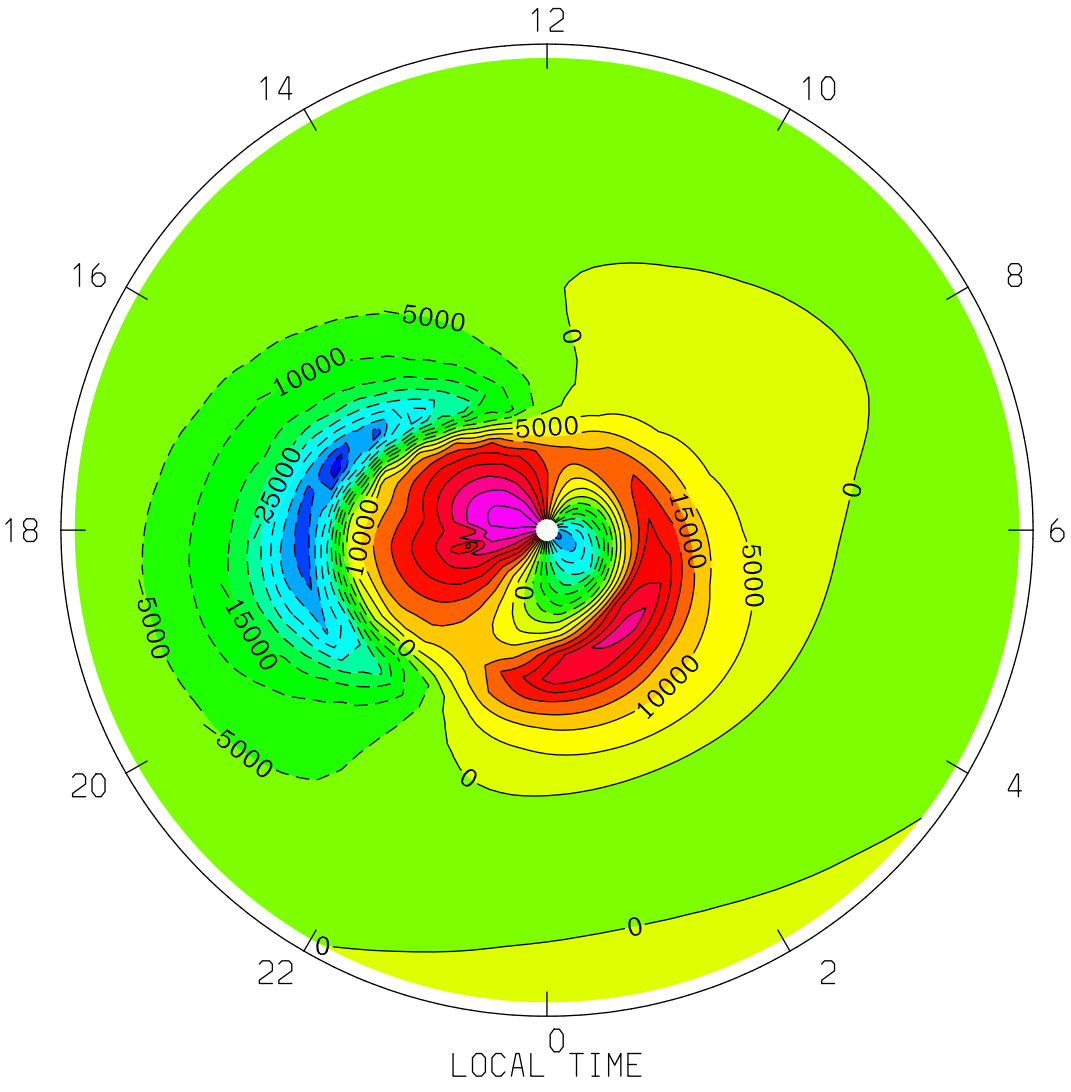
MIN,MAX= -5.1120E+04 4.7887E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 246.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.8710E+04 4.6967E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

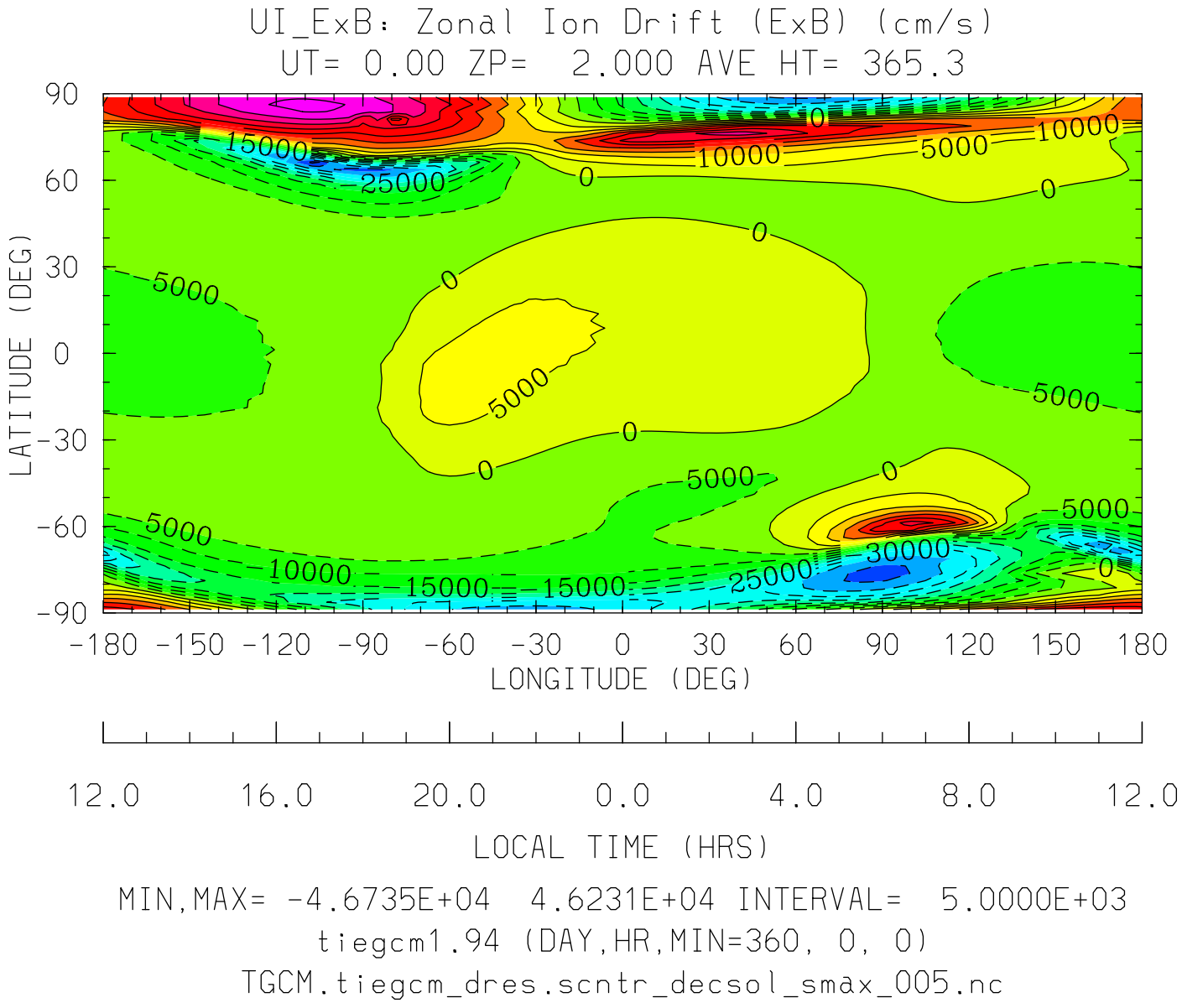

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 246.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
5000
15000
0
10000
25000
MIN,MAX= -4.2498E+04 3.3187E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

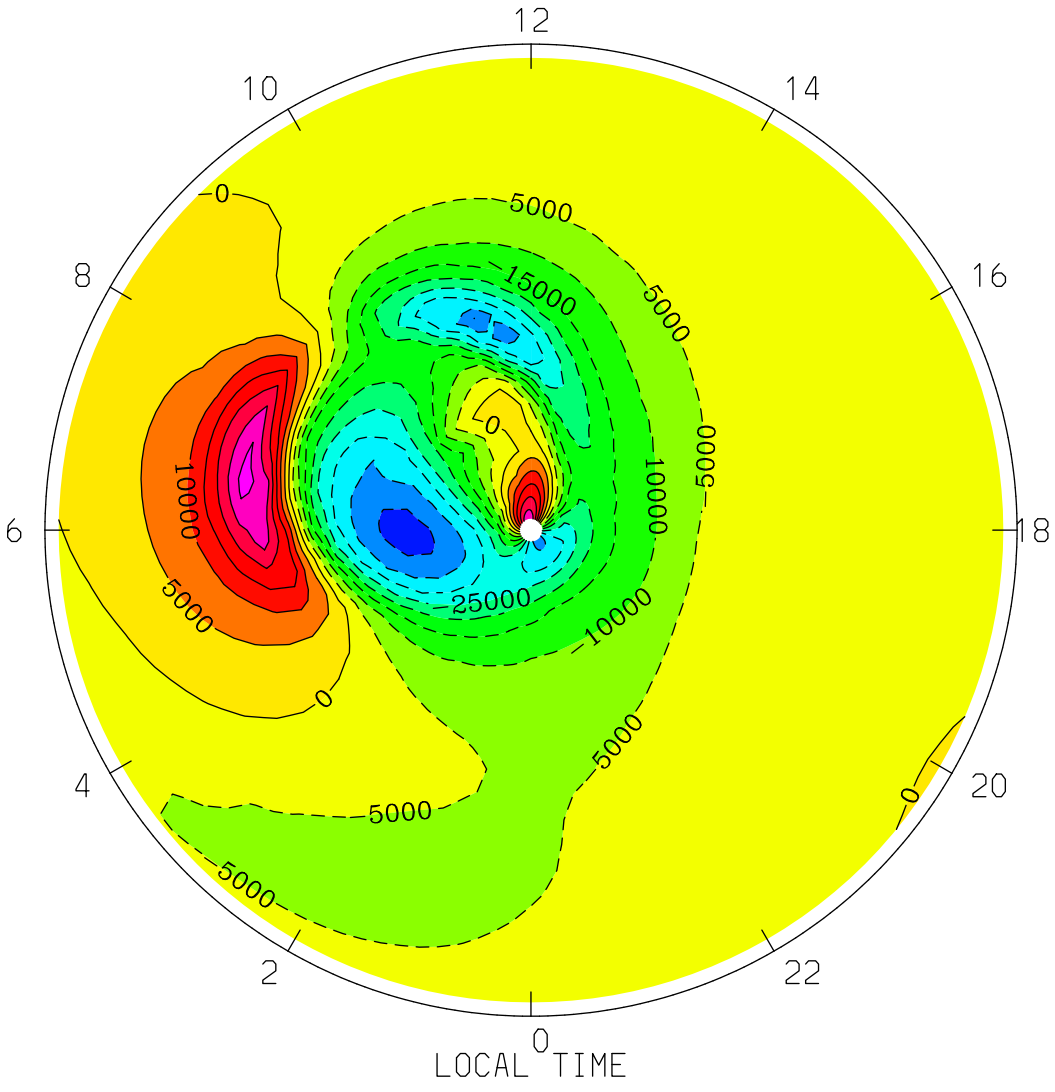


MIN,MAX= -4.8710E+04 4.6967E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

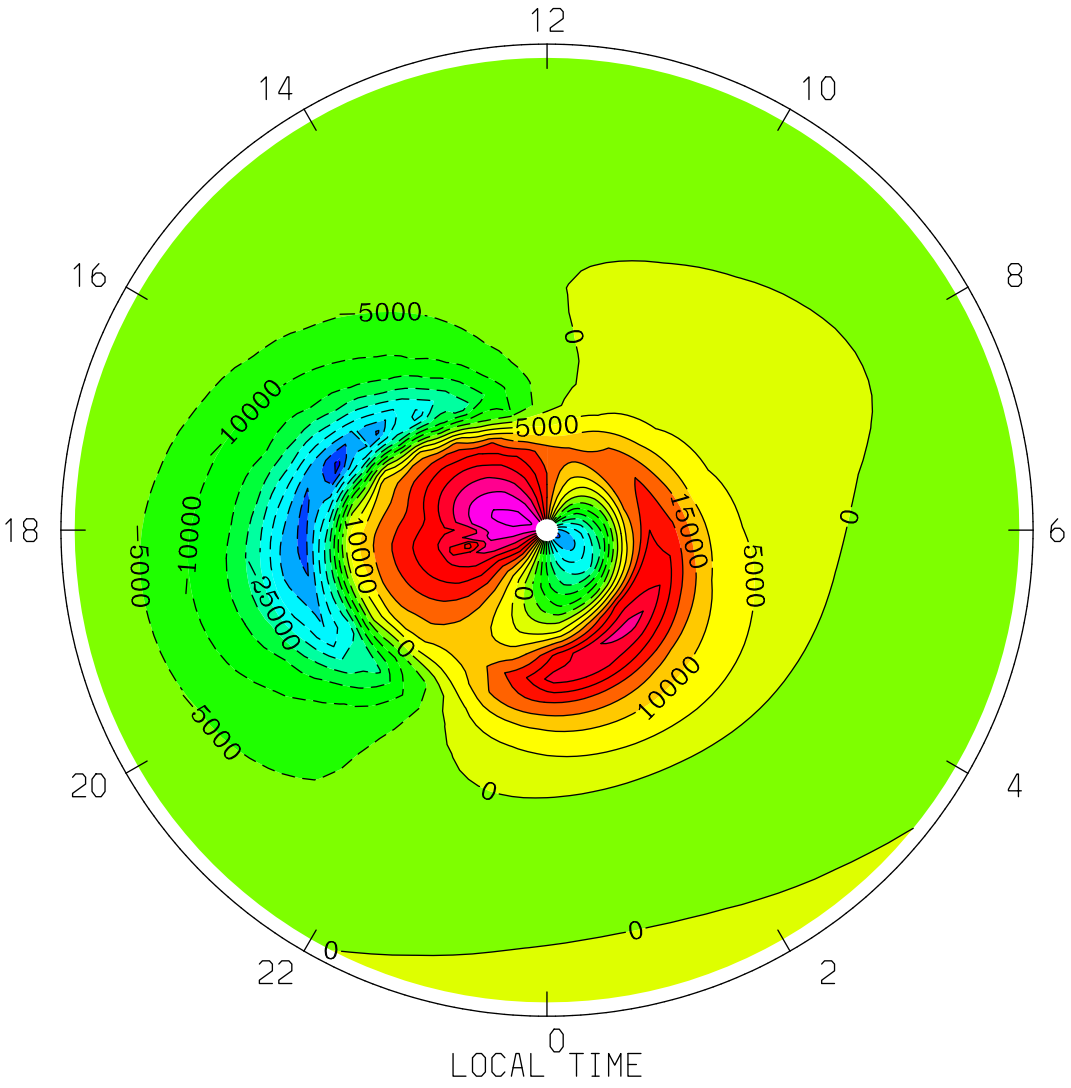

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 365.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.6735E+04 4.6231E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= -4.1784E+04 3.2650E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

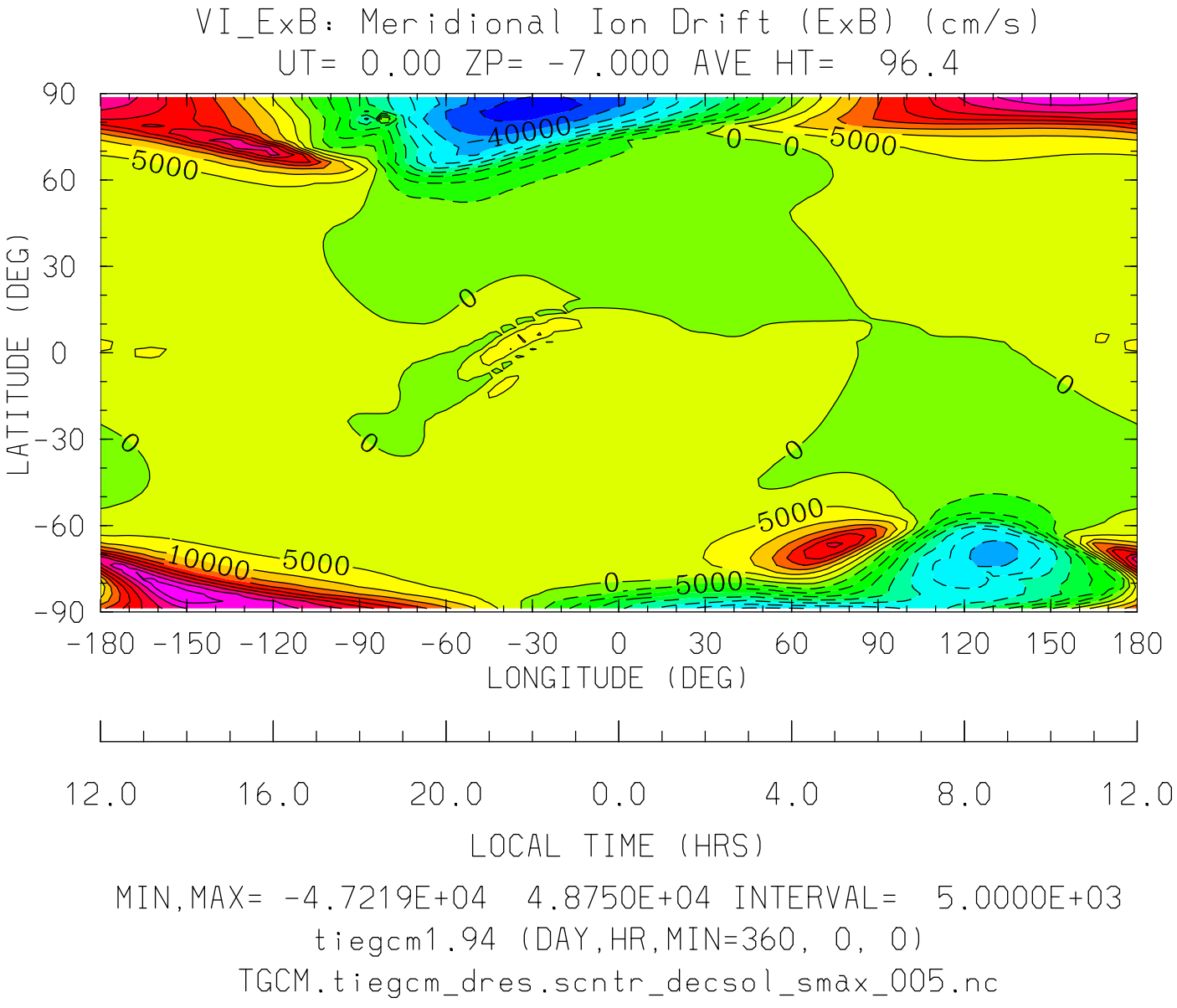
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= -4.6735E+04 4.6231E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

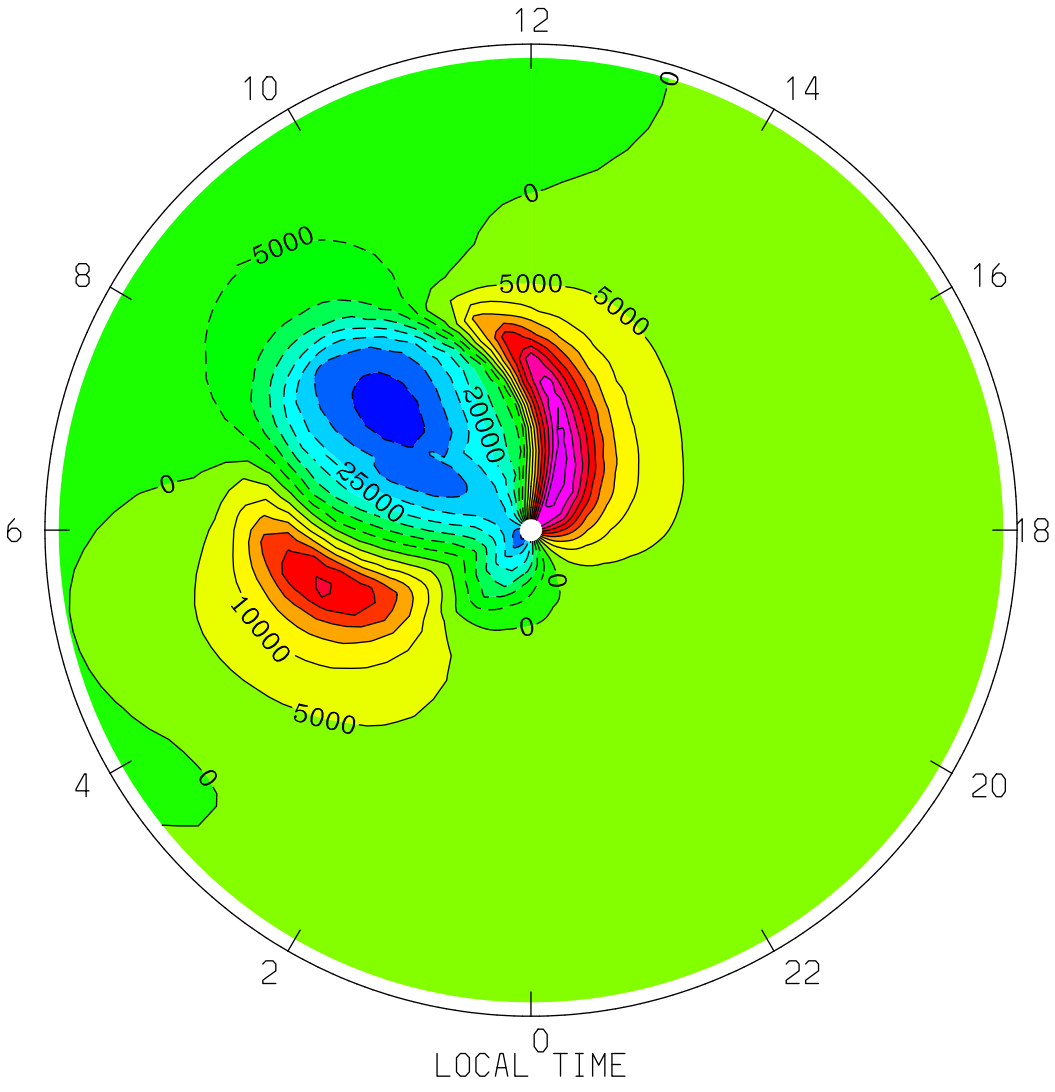
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= -4.7219E+04 4.8750E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

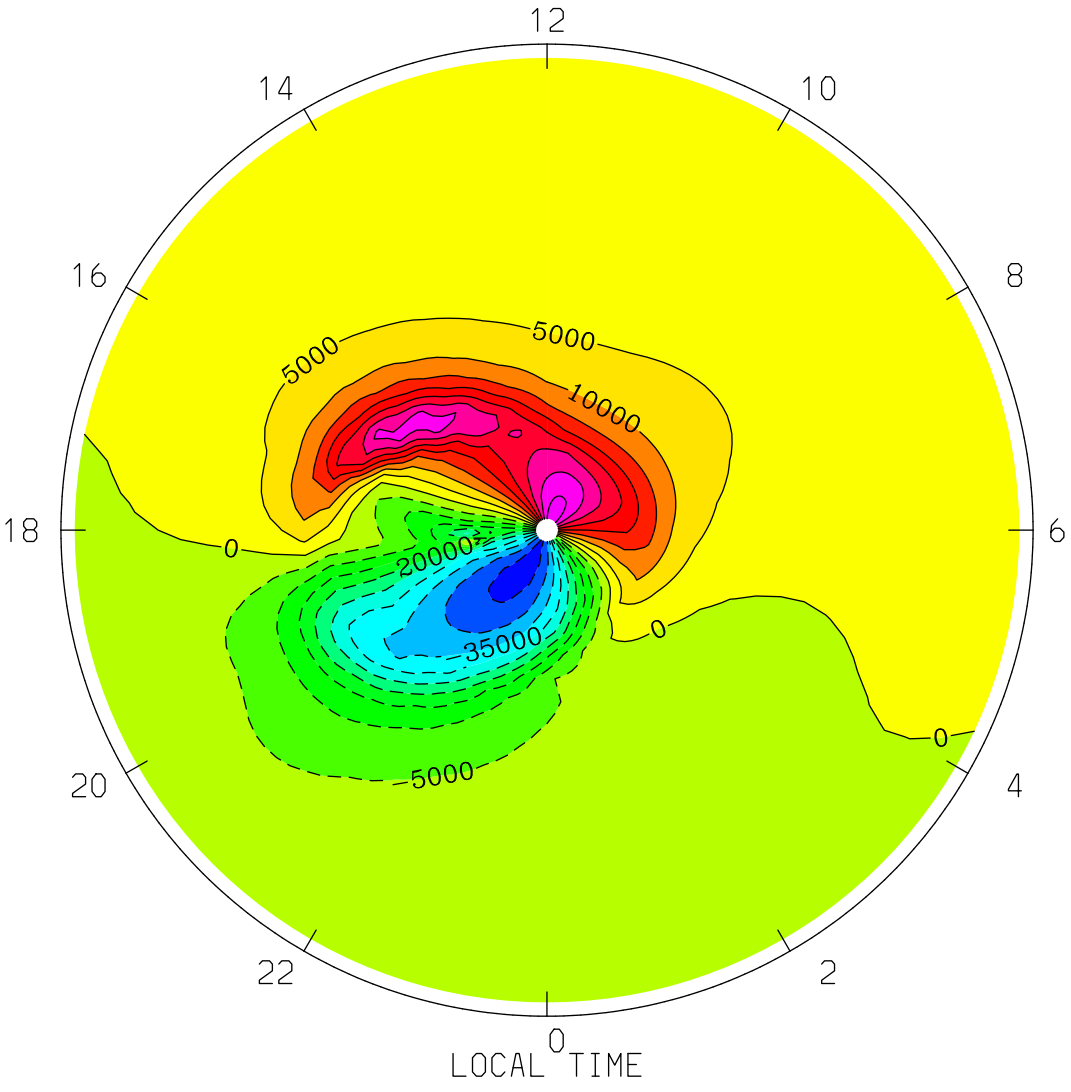
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

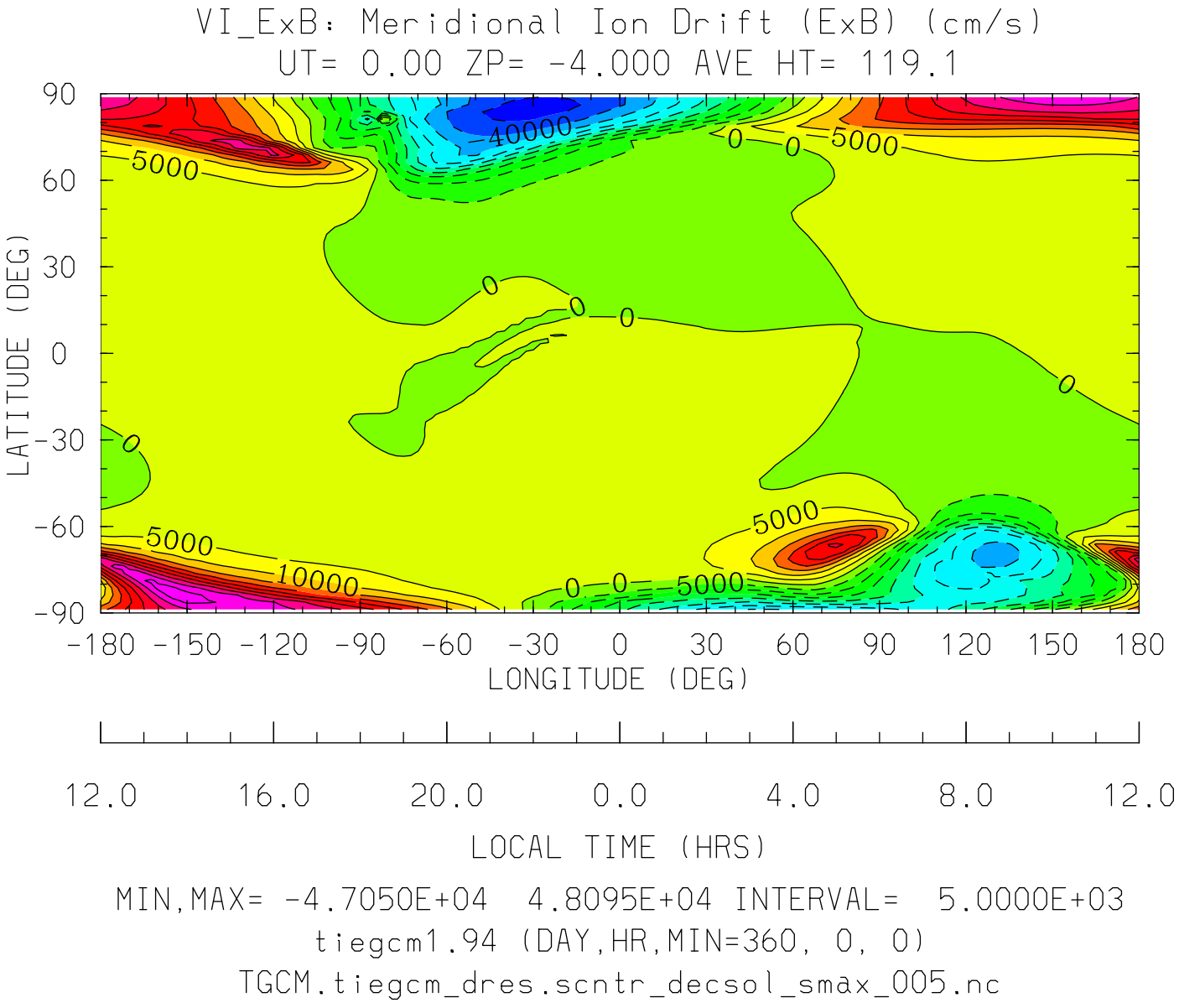


MIN,MAX= -3.7723E+04 4.8750E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

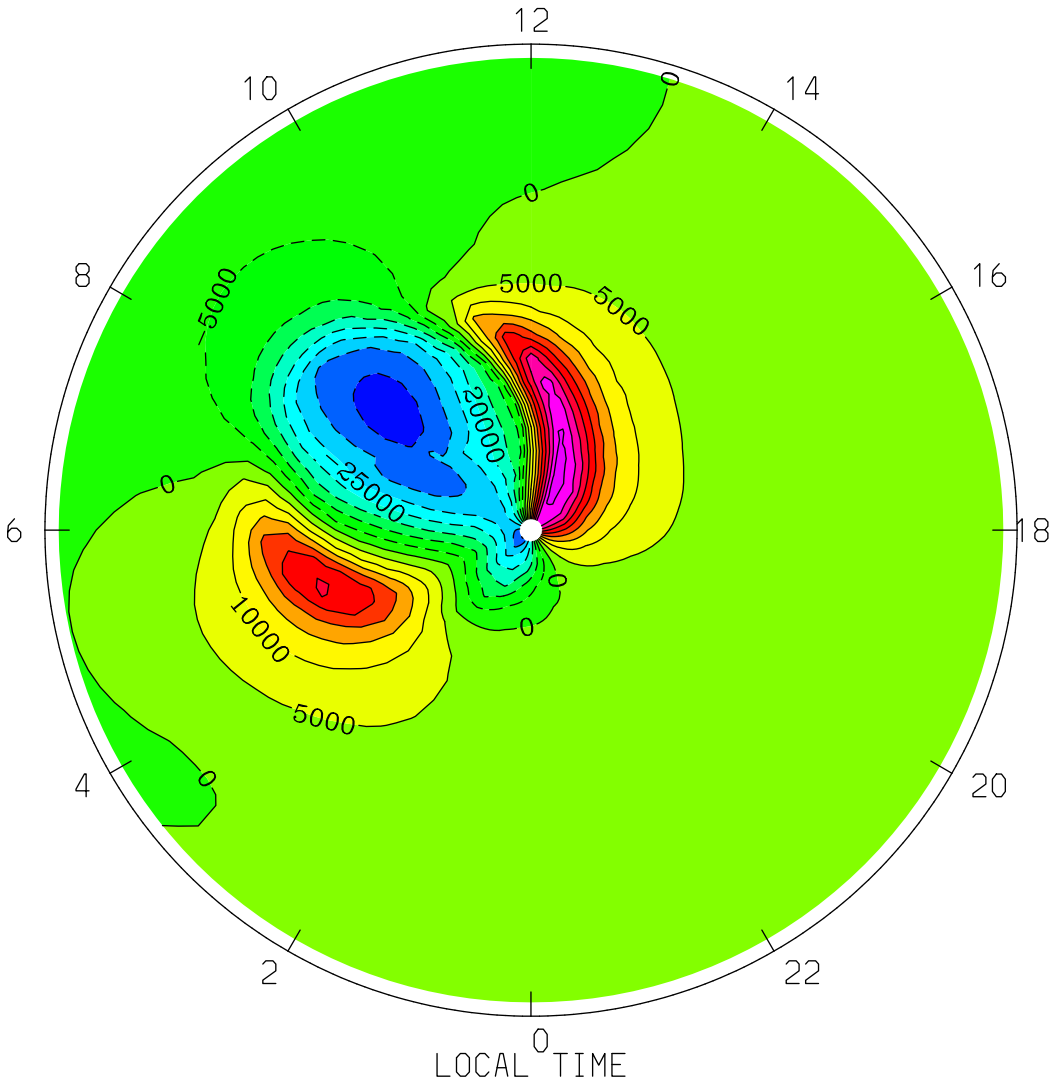

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
5000
5000
10000
0
20000
35000
0
0
5000
LOCAL TIME
MIN,MAX= -4.7219E+04 4.3630E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

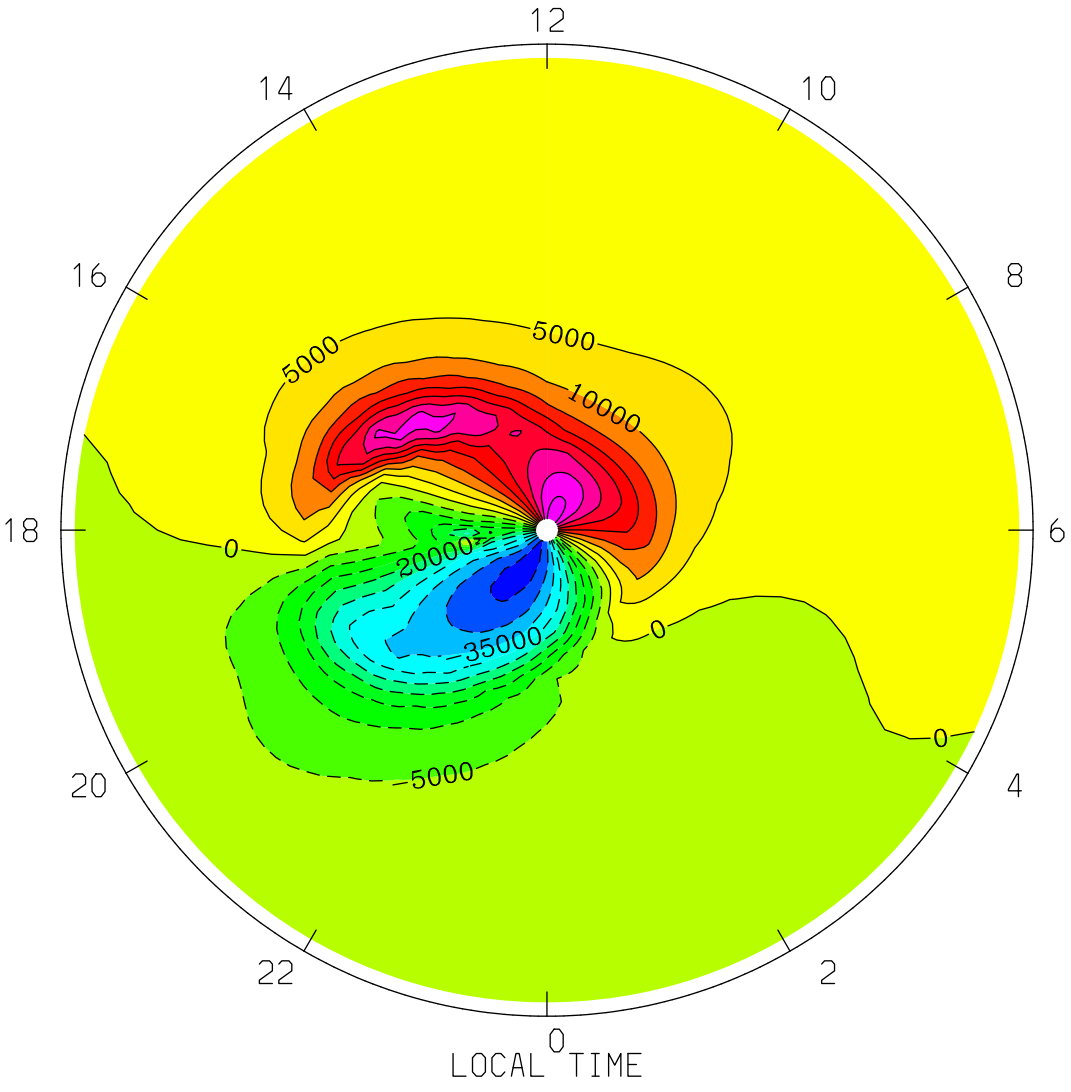


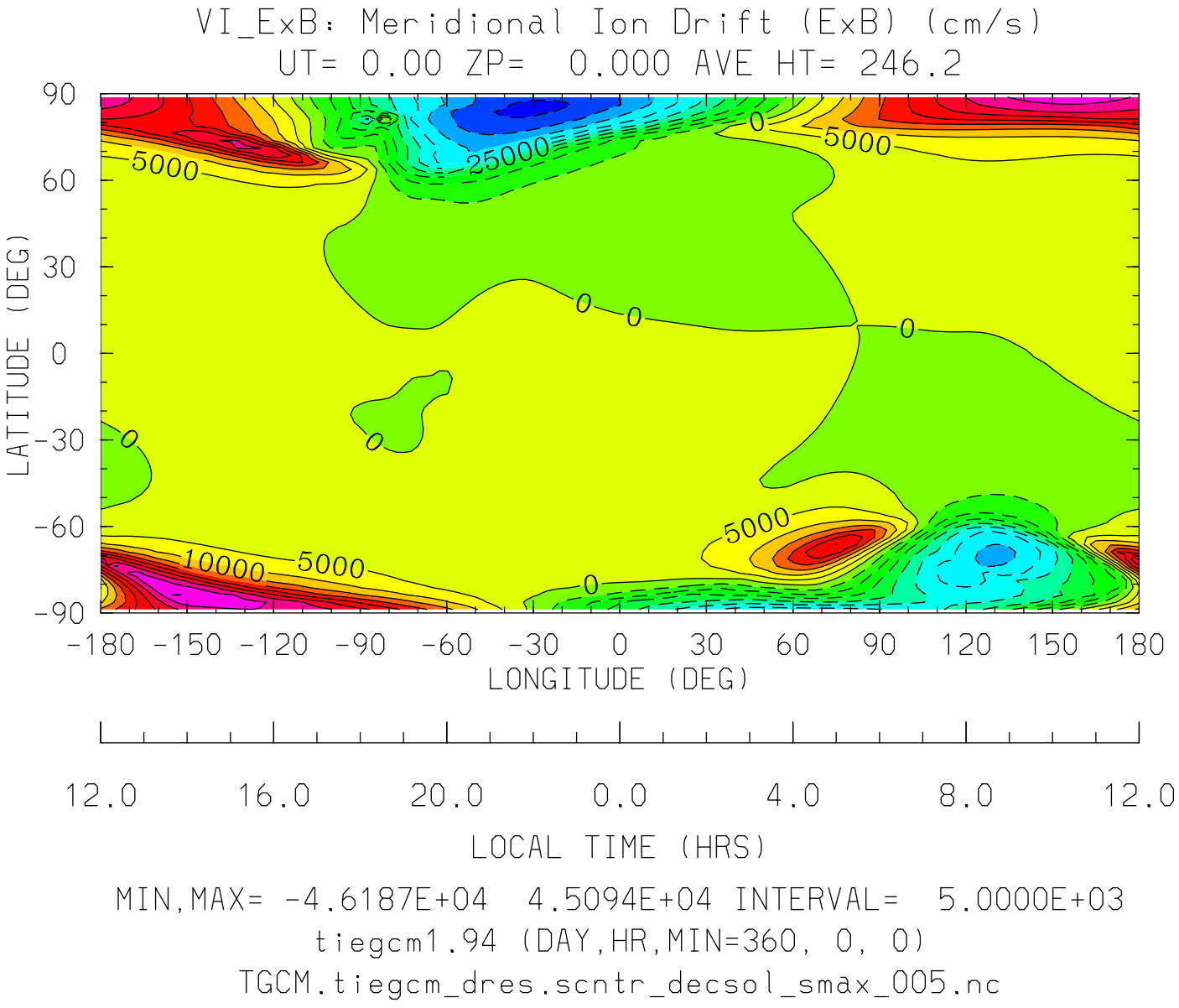
MIN,MAX= -4.7050E+04 4.8095E+04 INTERVAL= 5.0000E+03

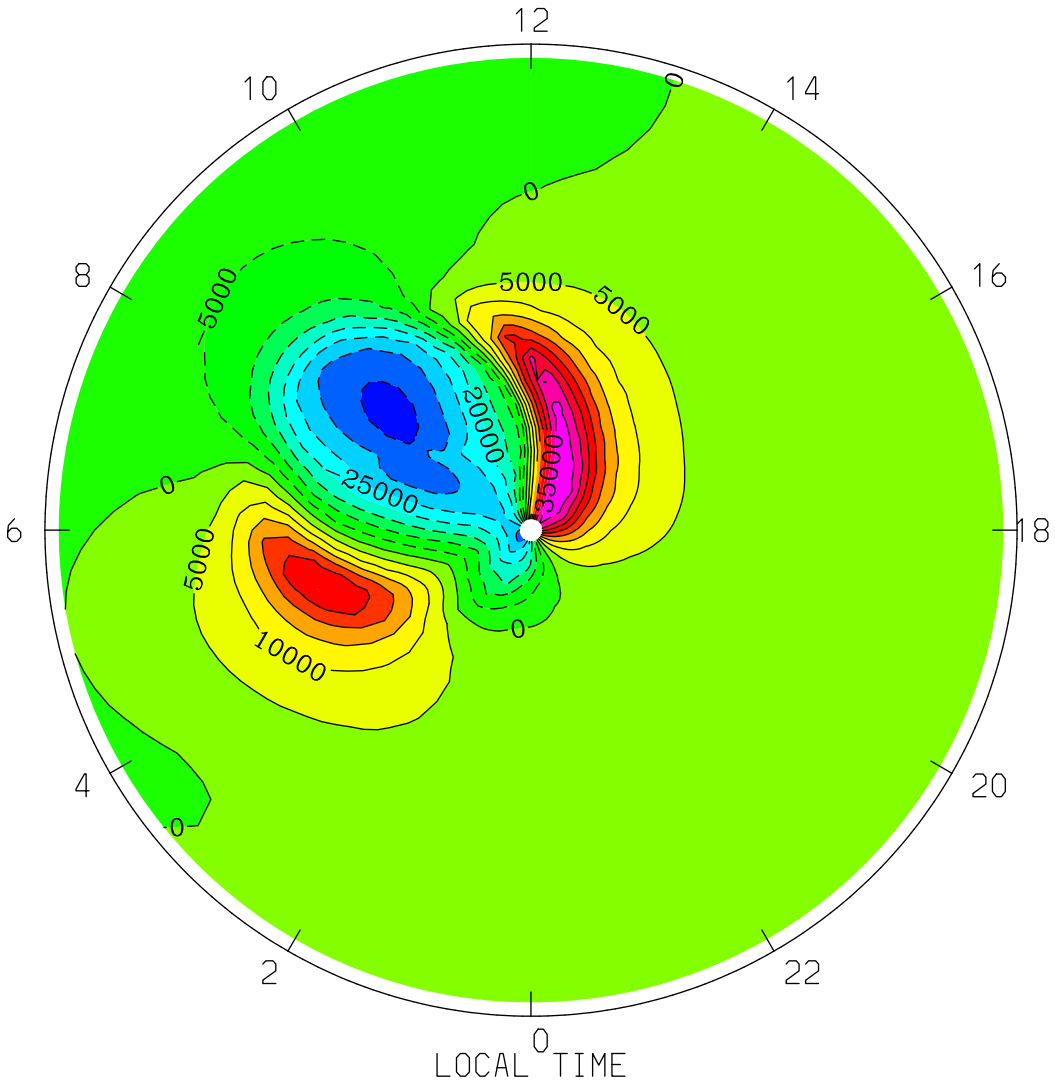
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 119.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
0
5000
5000
5000
20000
25000
0
0
0
10000
5000
0
MIN,MAX= -3.7571E+04 4.8095E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 119.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
5000
5000
10000
0
20000
35000
0
0
5000
LOCAL TIME
MIN,MAX= -4.7050E+04 4.3498E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

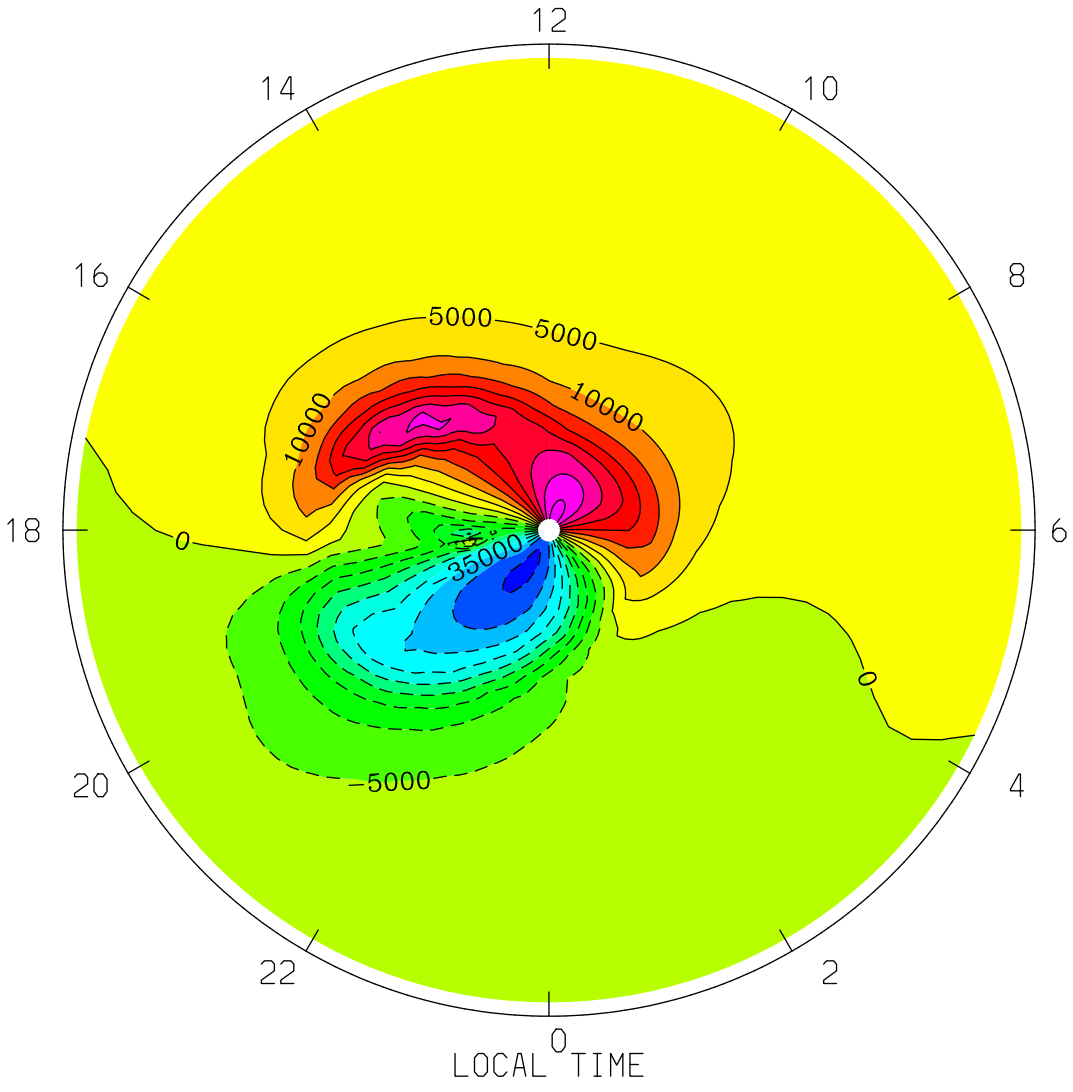

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 246.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
5000
25000
0
10000
MIN,MAX= -4.6187E+04 4.5094E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

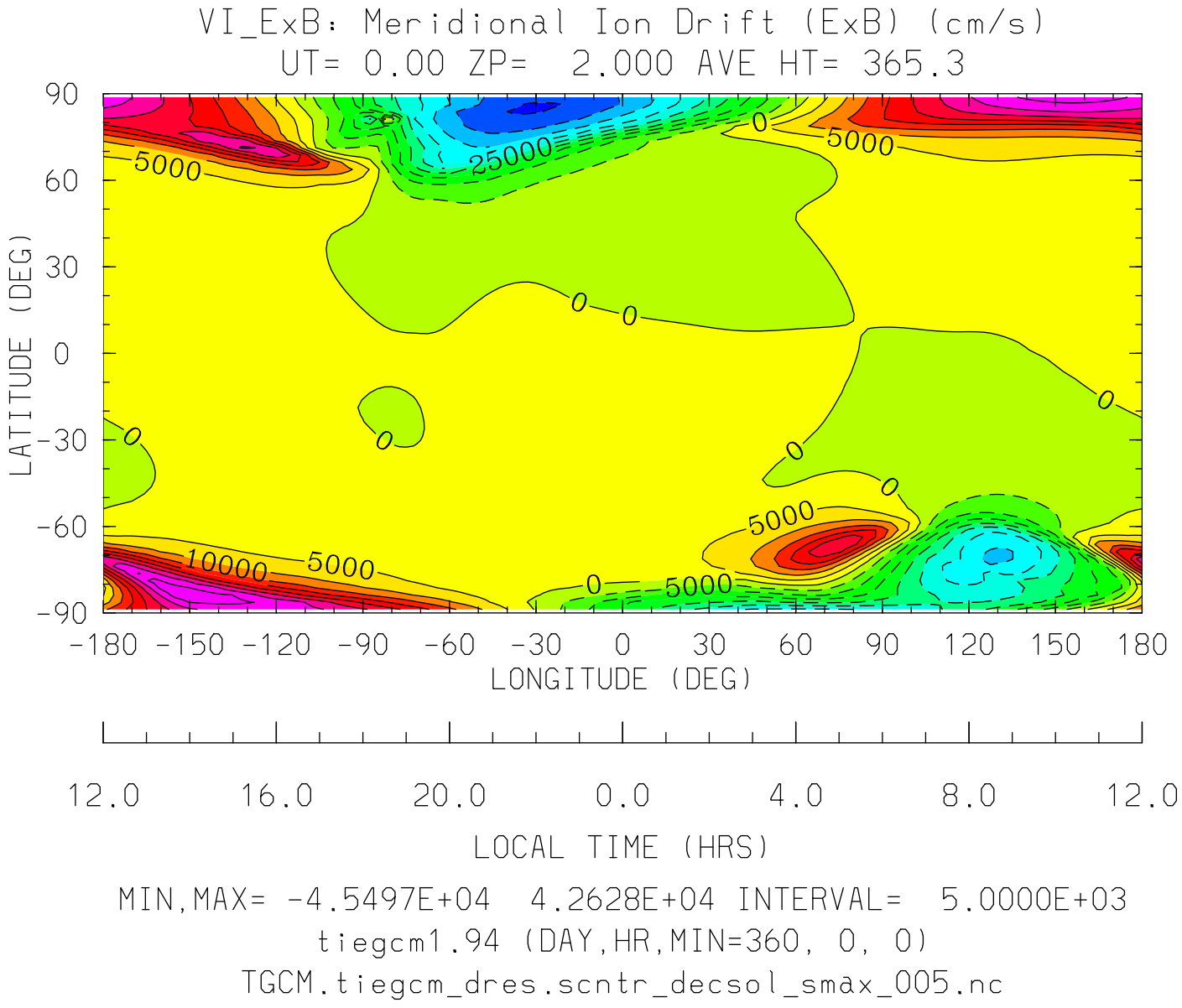


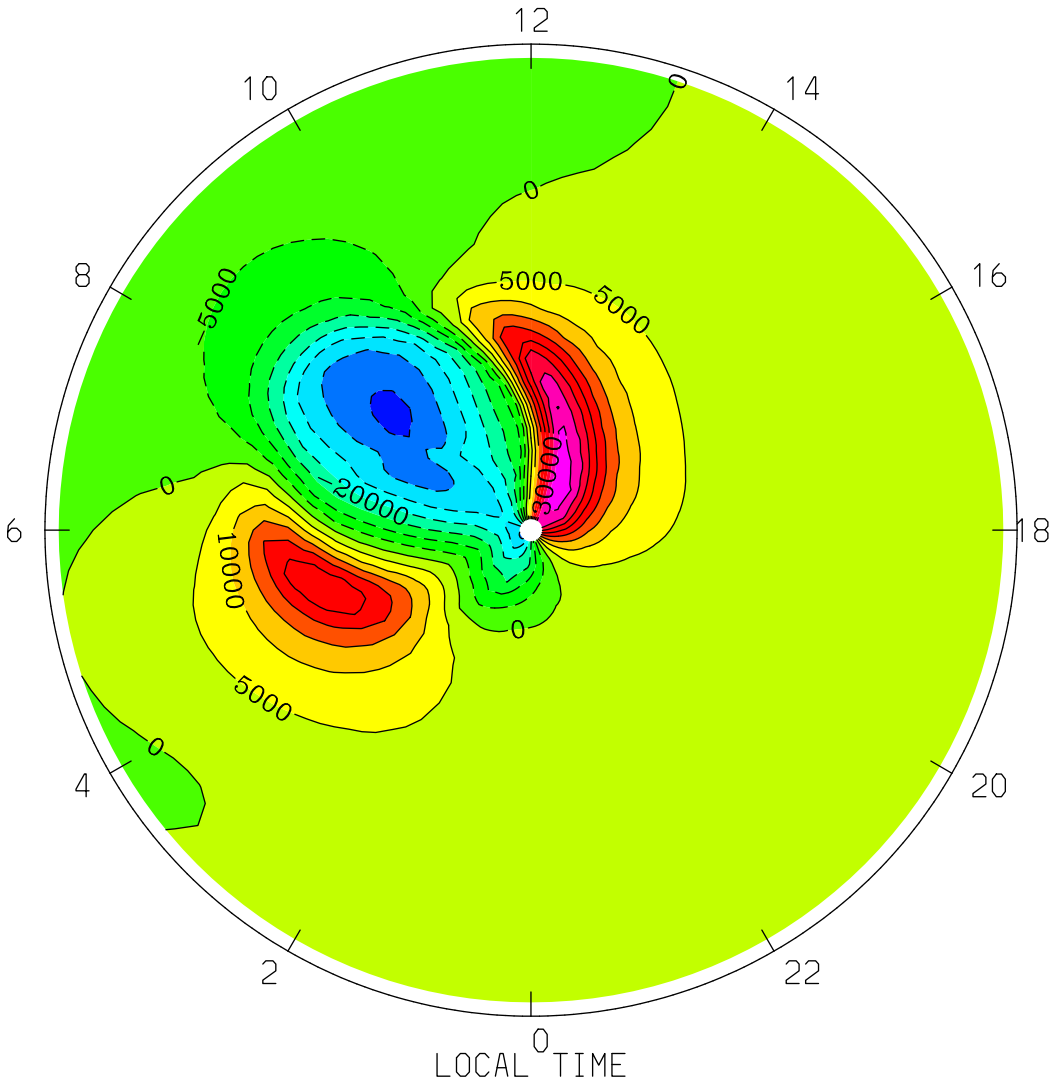
MIN,MAX= -3.6797E+04 4.5094E+04 INTERVAL= 5.0000E+03

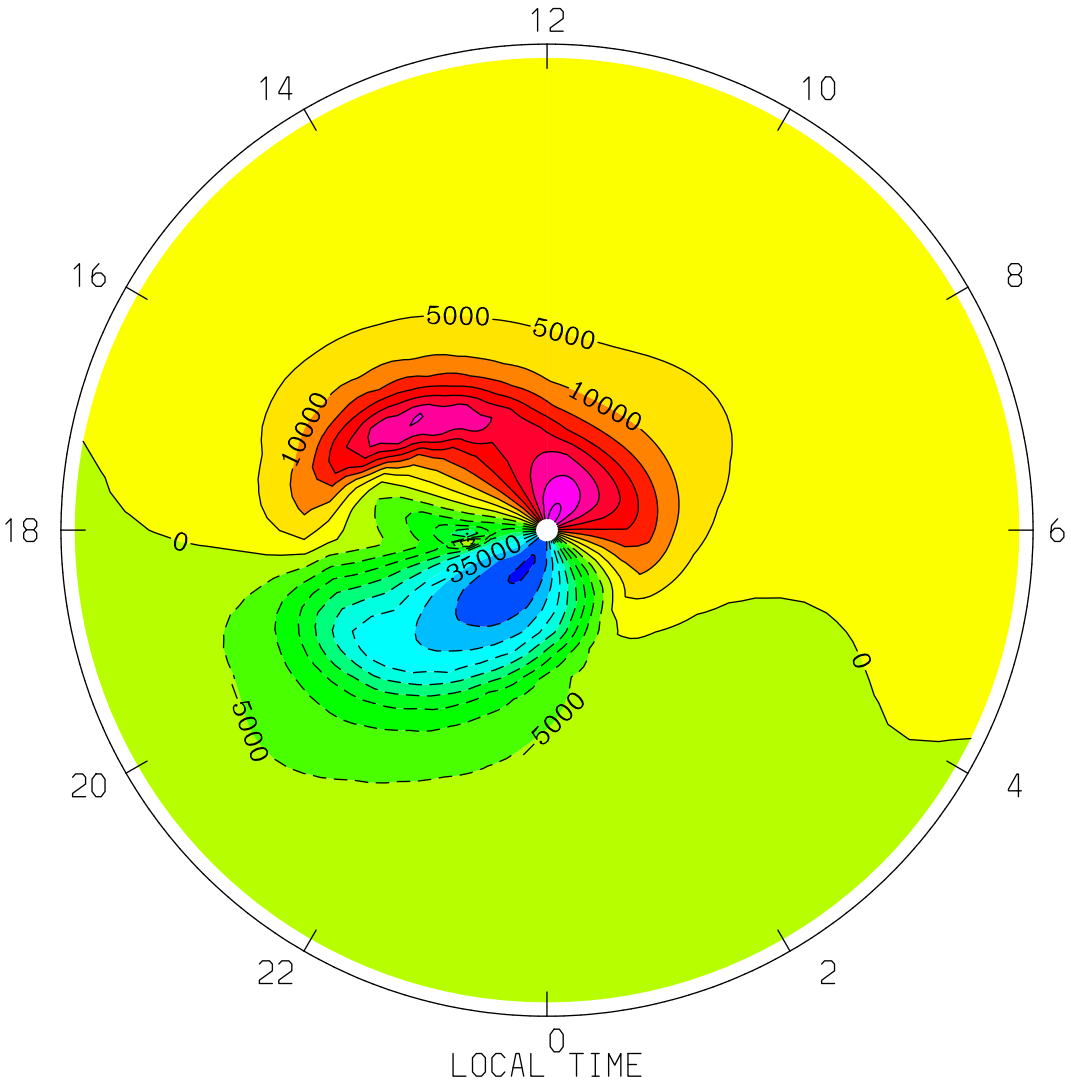
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

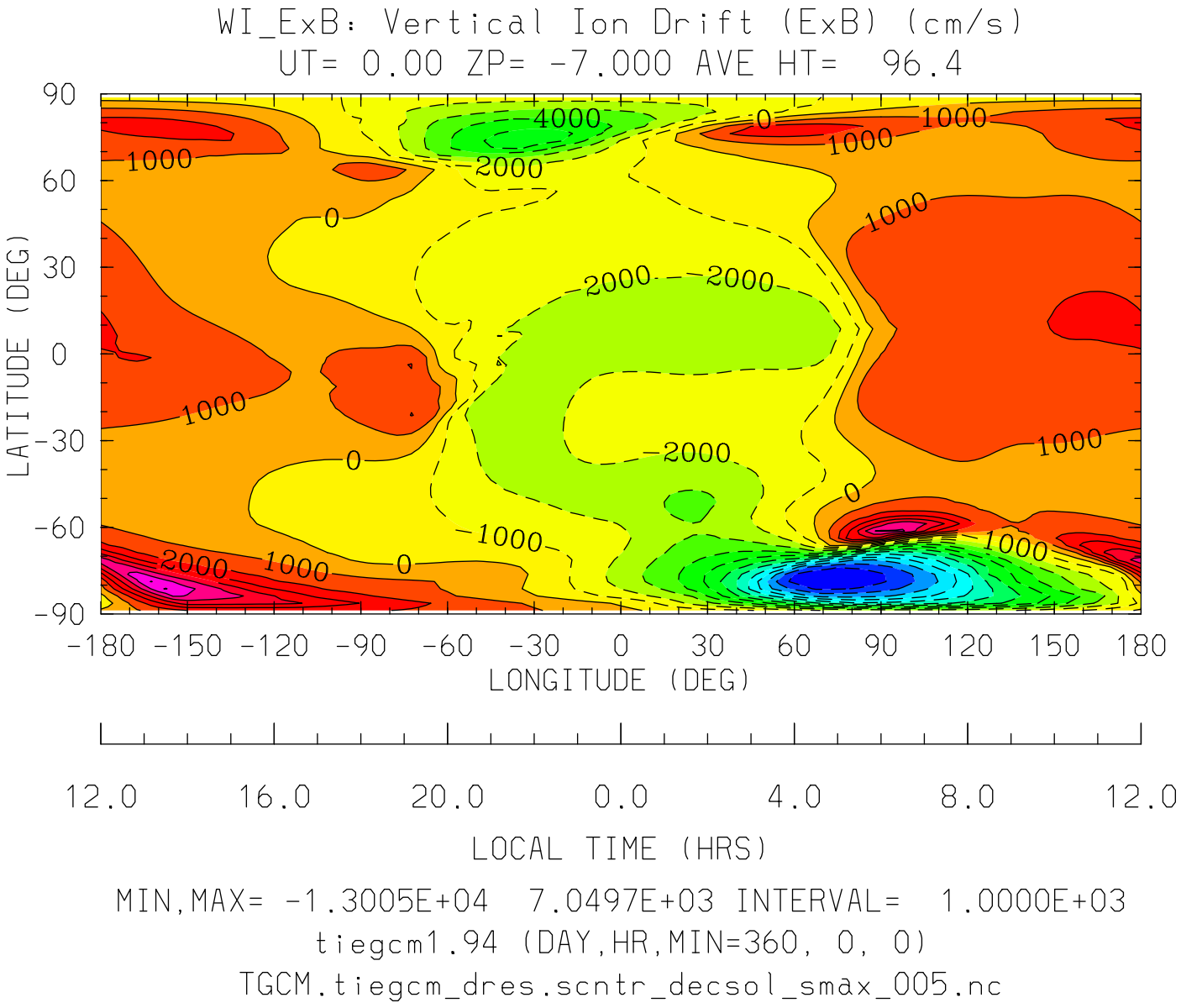
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

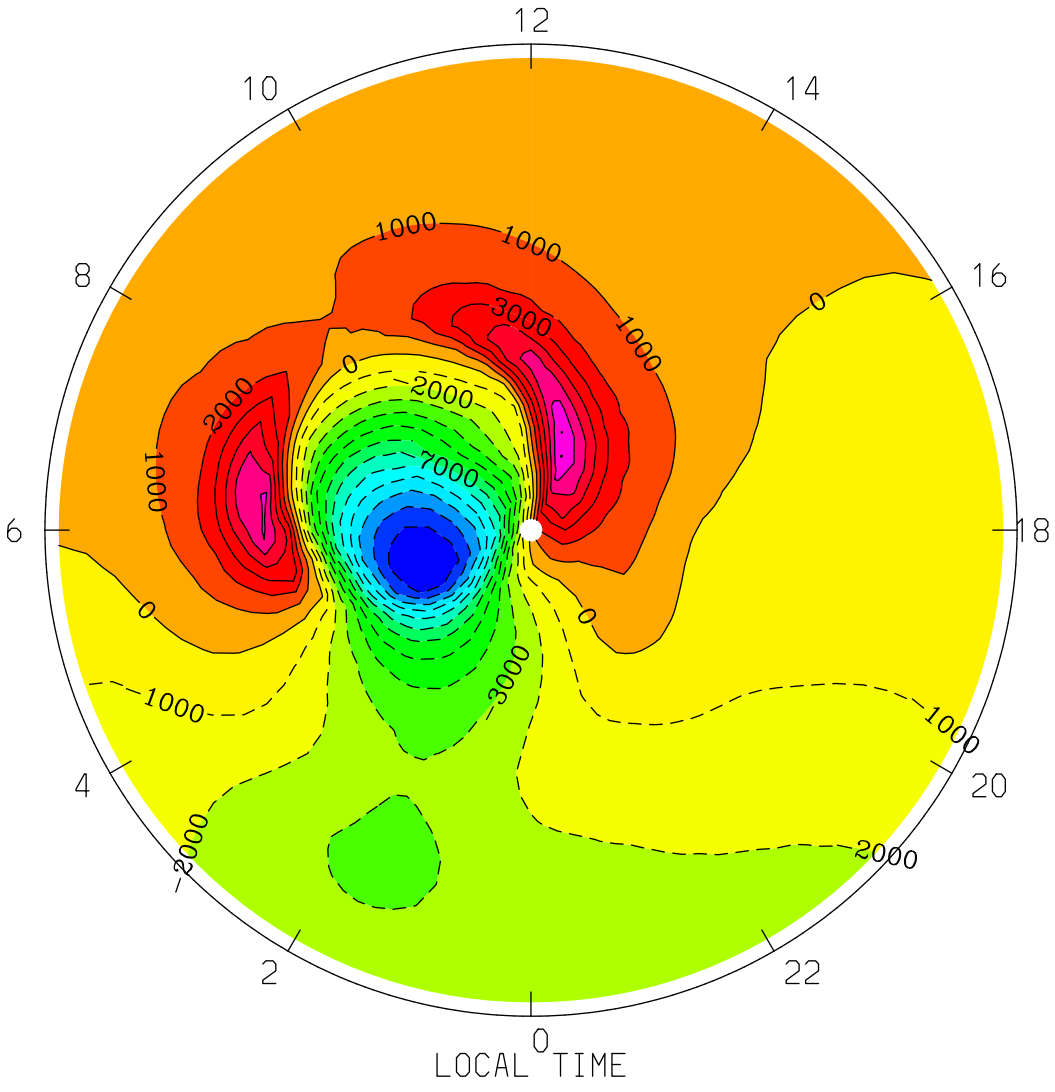

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 246.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
5000
5000
10000
10000
0
35000
0
-5000
LOCAL TIME
MIN,MAX= -4.6187E+04 4.2797E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 365.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
5000
25000
0
10000
MIN,MAX= -4.5497E+04 4.2628E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 365.3 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
5000
20000
30000
10000
MIN,MAX= -3.6096E+04 4.2628E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 365.3 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
5000
5000
10000
10000
0
35000
-5000
-5000
0
LOCAL TIME
MIN,MAX= -4.5497E+04 4.2224E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

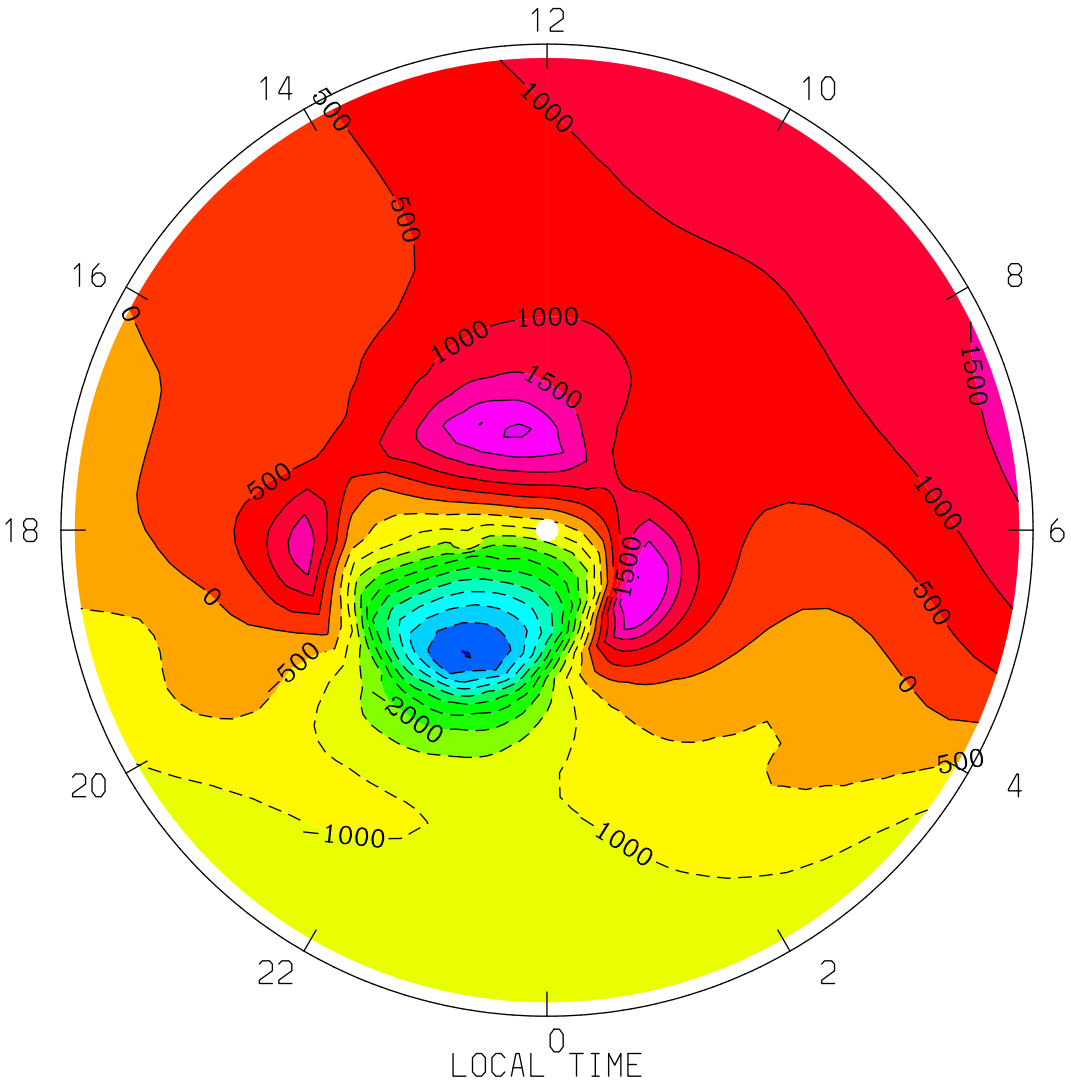

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.3005E+04 7.0497E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= -1.3005E+04 7.0497E+03 INTERVAL= 1.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

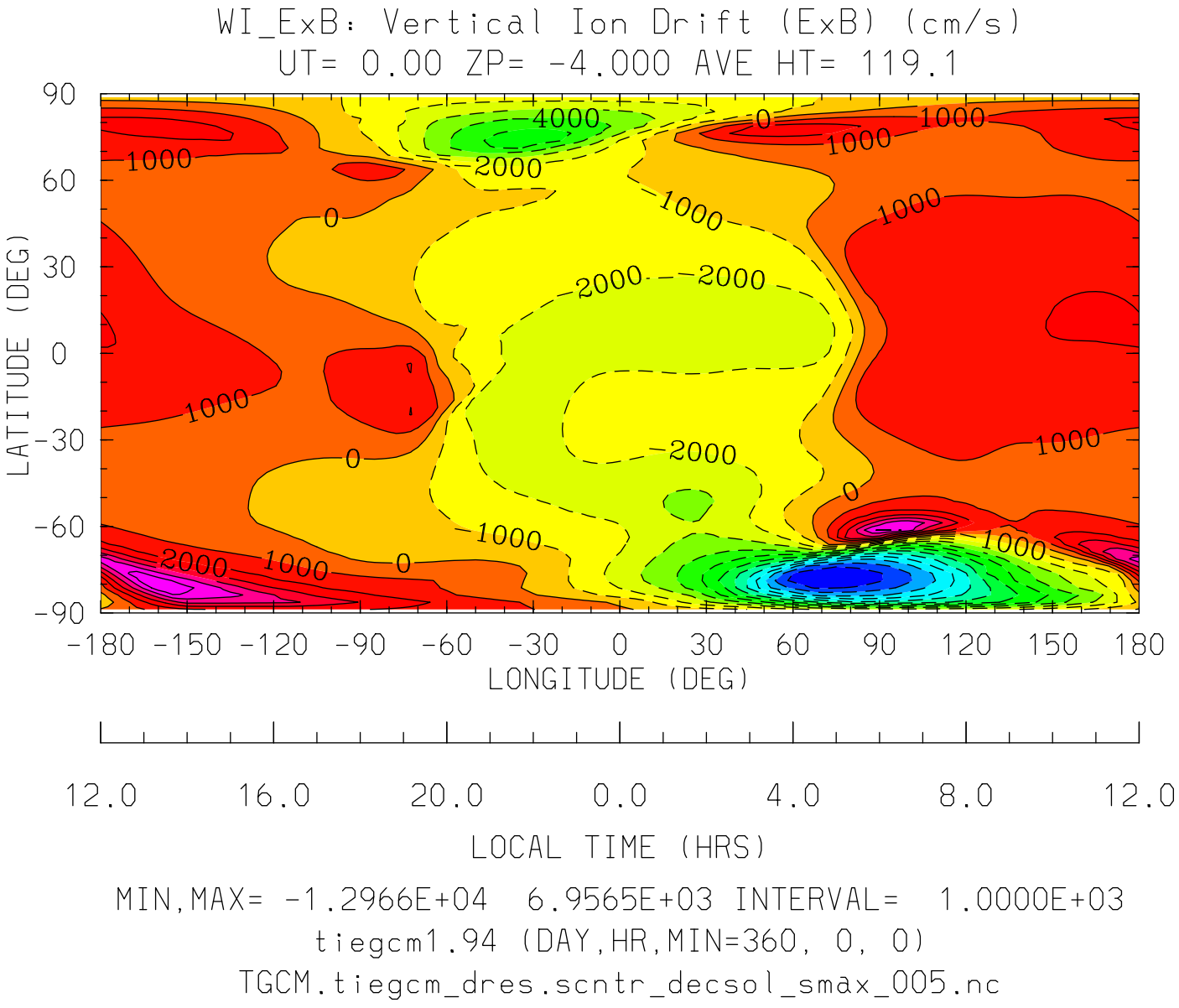
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

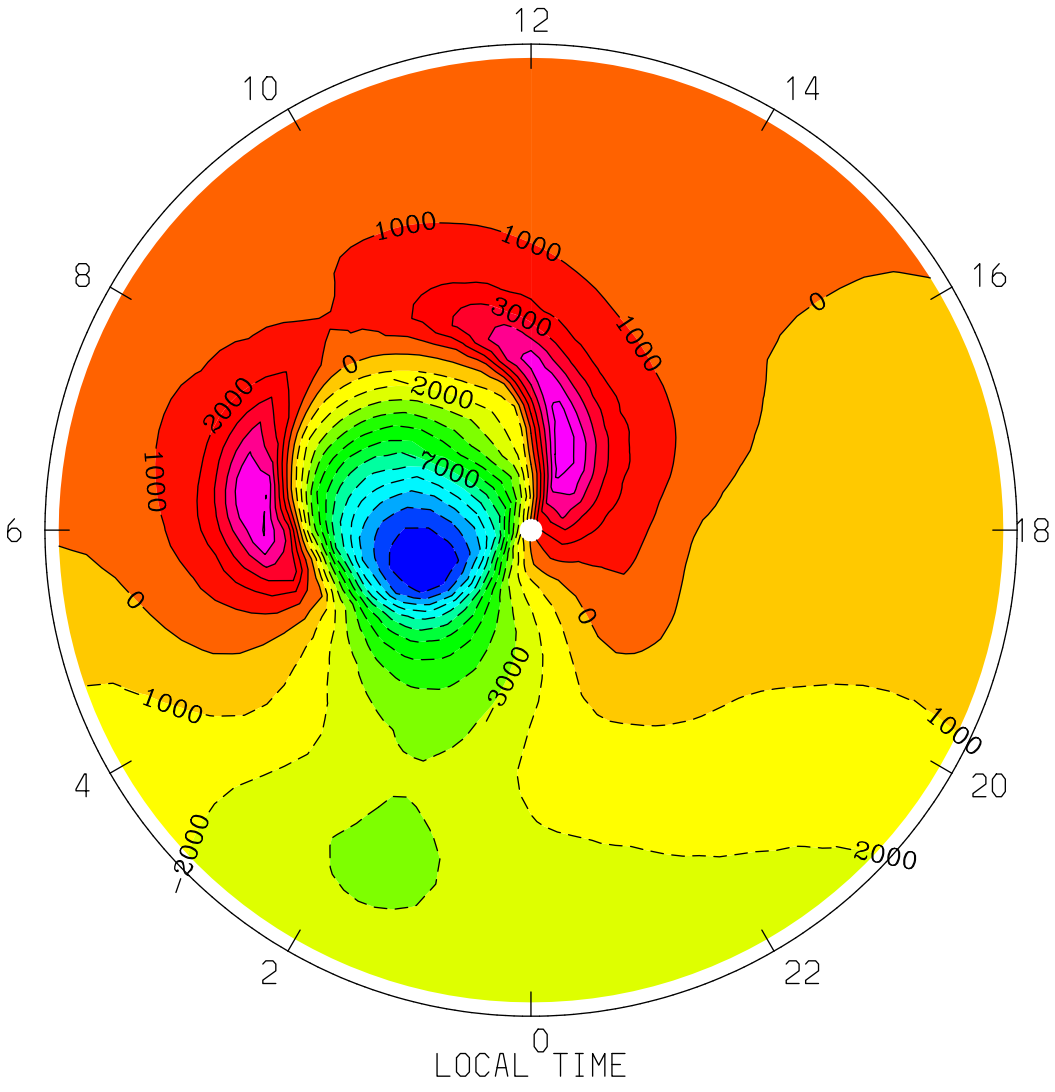


MIN,MAX= -5.5342E+03 2.6335E+03 INTERVAL= 5.0000E+02

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

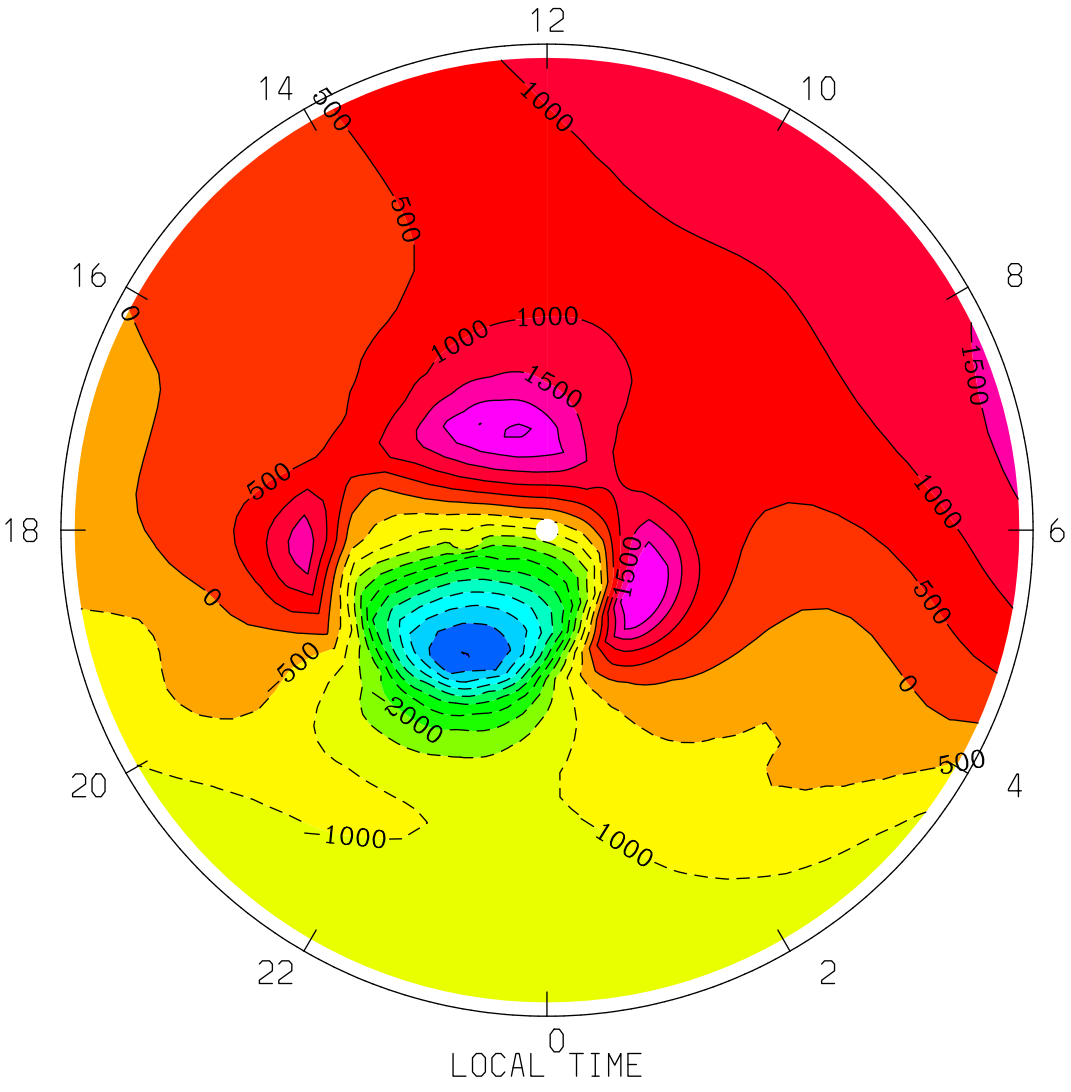

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 119.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.2966E+04 6.9565E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= -1.2966E+04 6.9565E+03 INTERVAL= 1.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

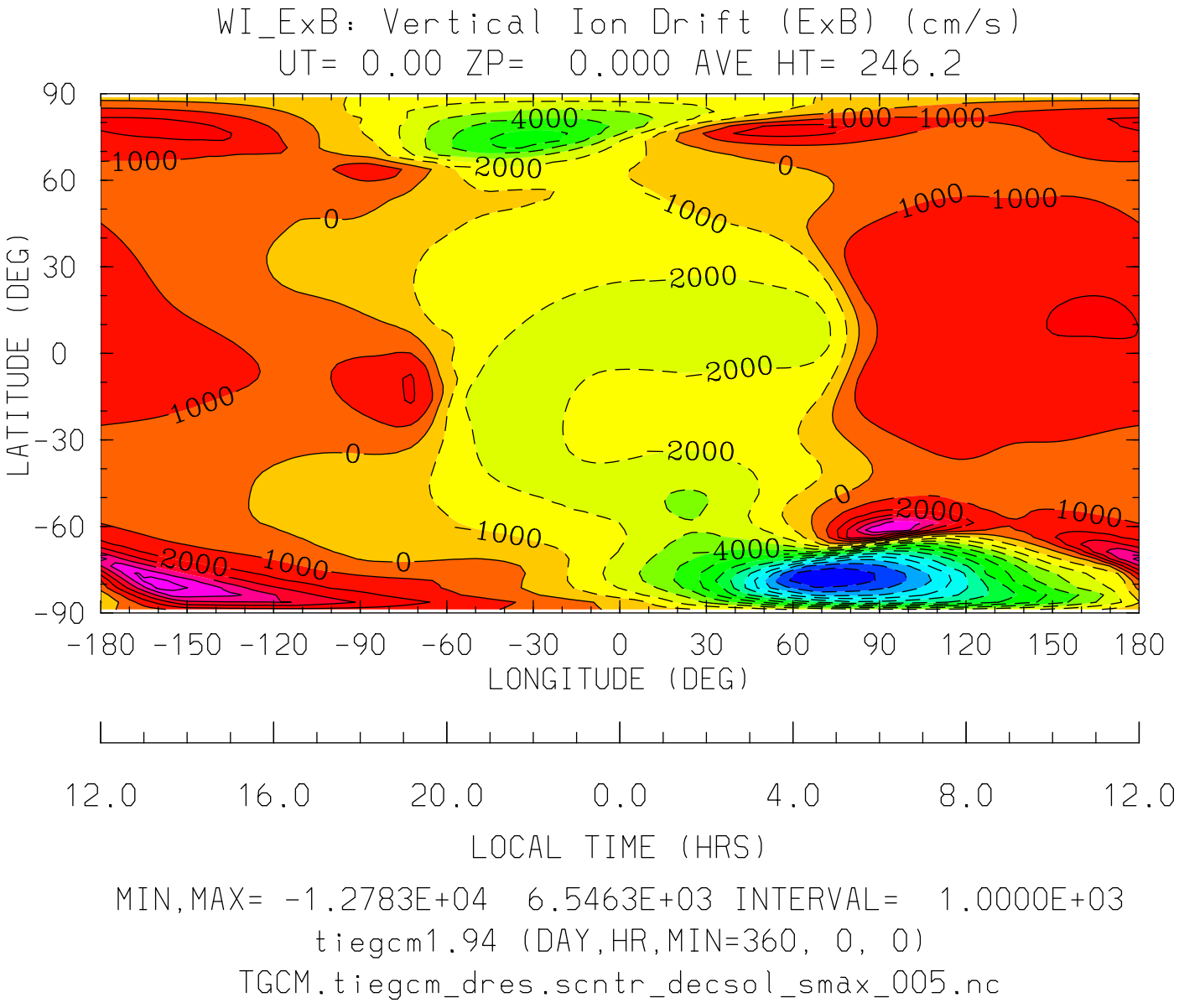
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

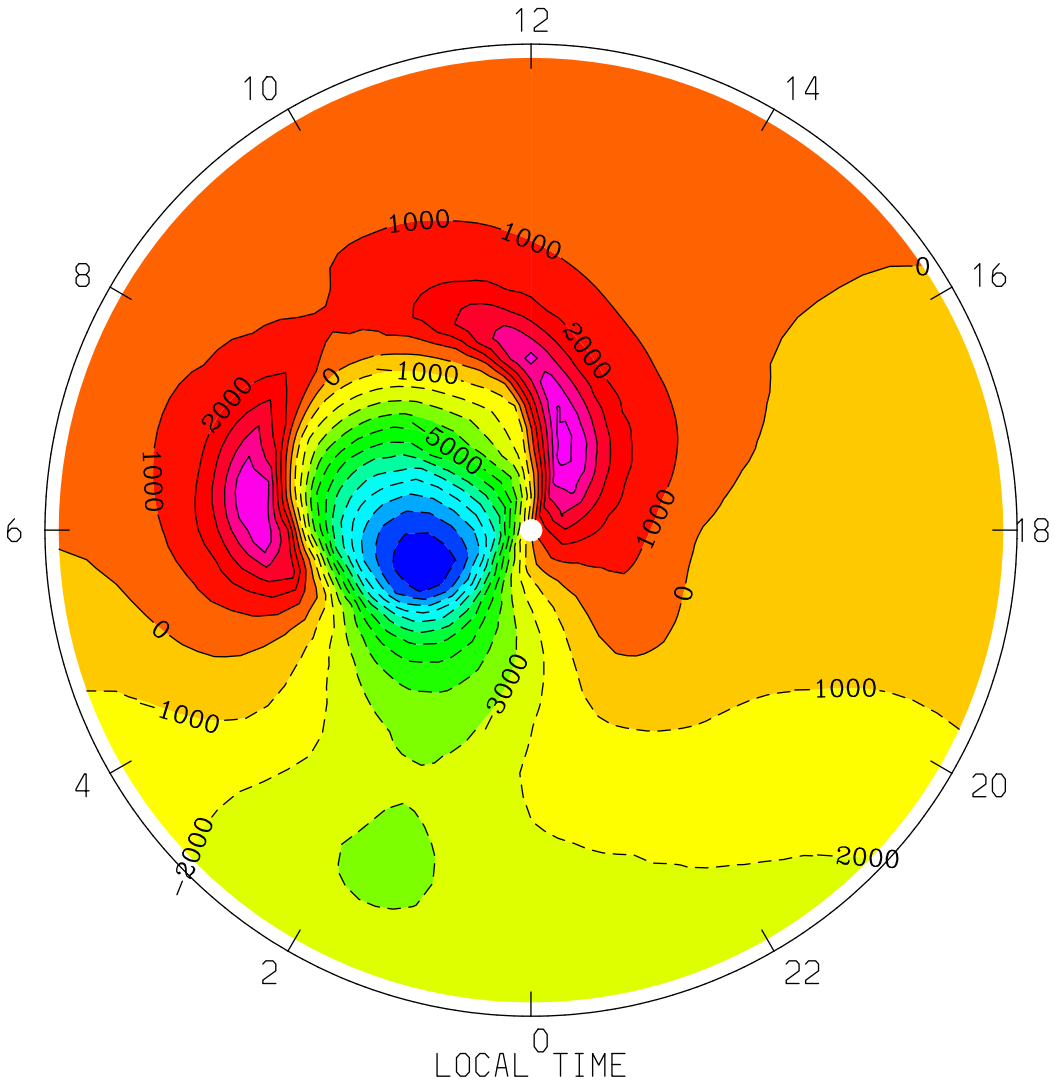


MIN,MAX= -5.5200E+03 2.6285E+03 INTERVAL= 5.0000E+02

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

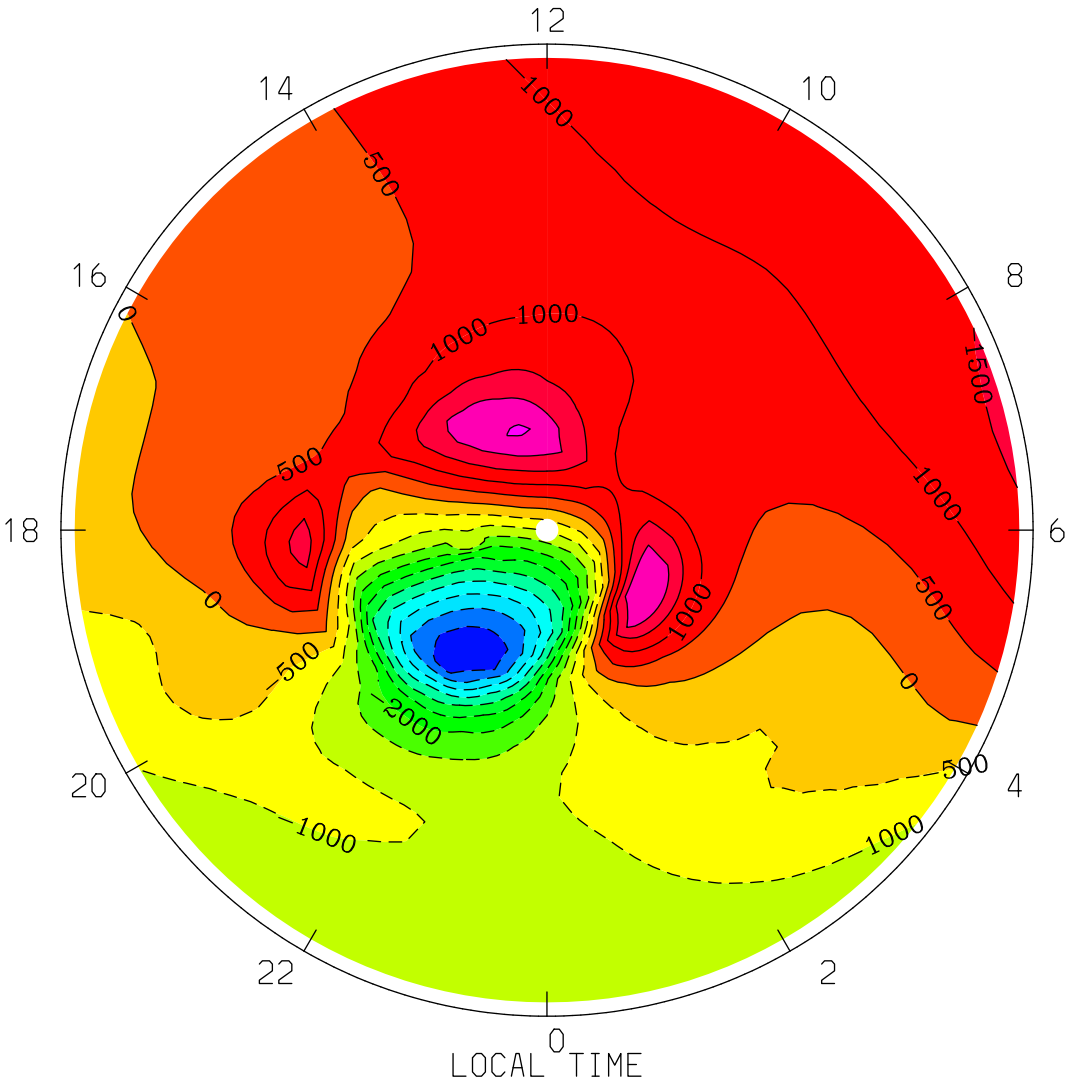

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 246.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.2783E+04 6.5463E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= -1.2783E+04 6.5463E+03 INTERVAL= 1.0000E+03

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

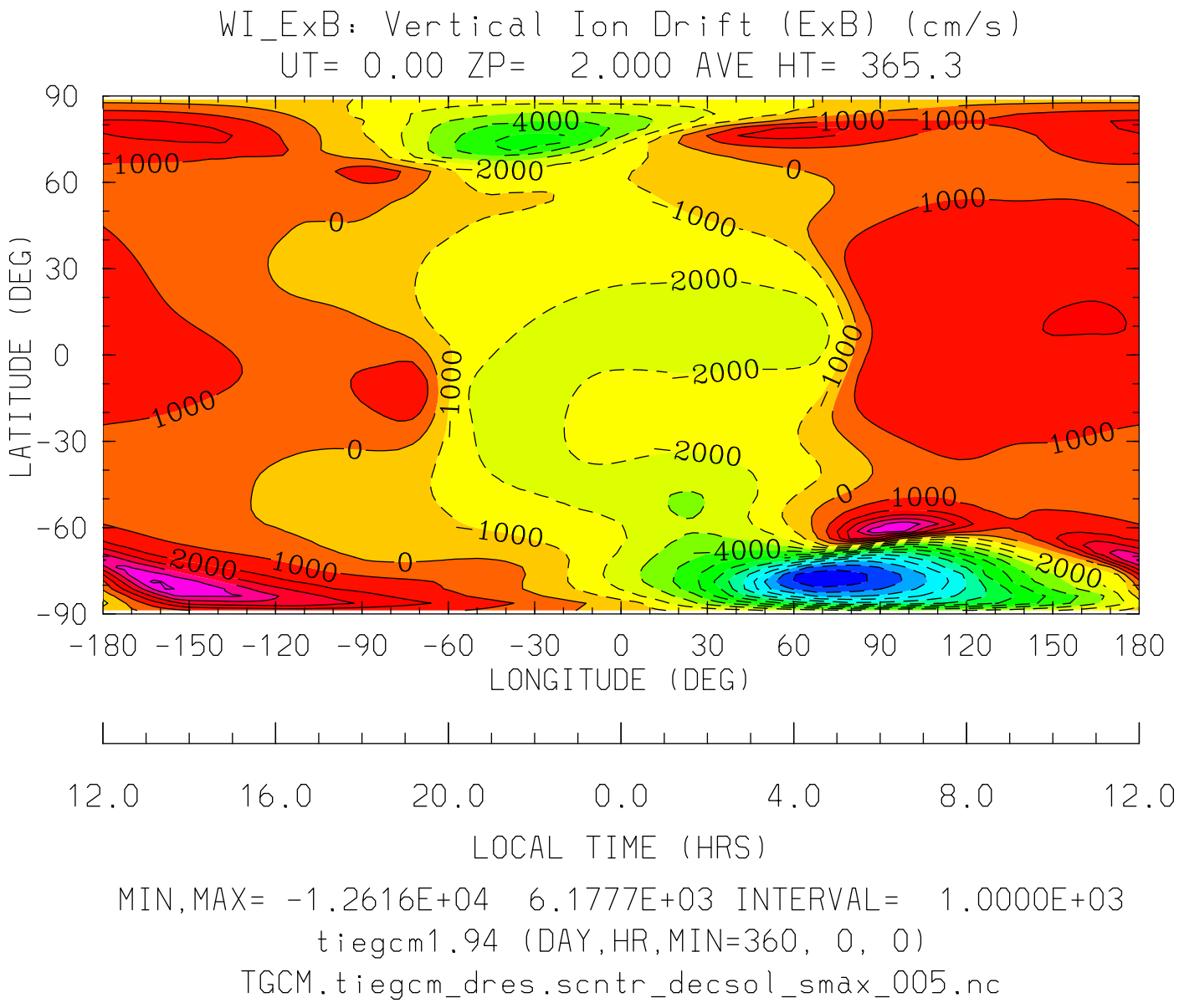
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

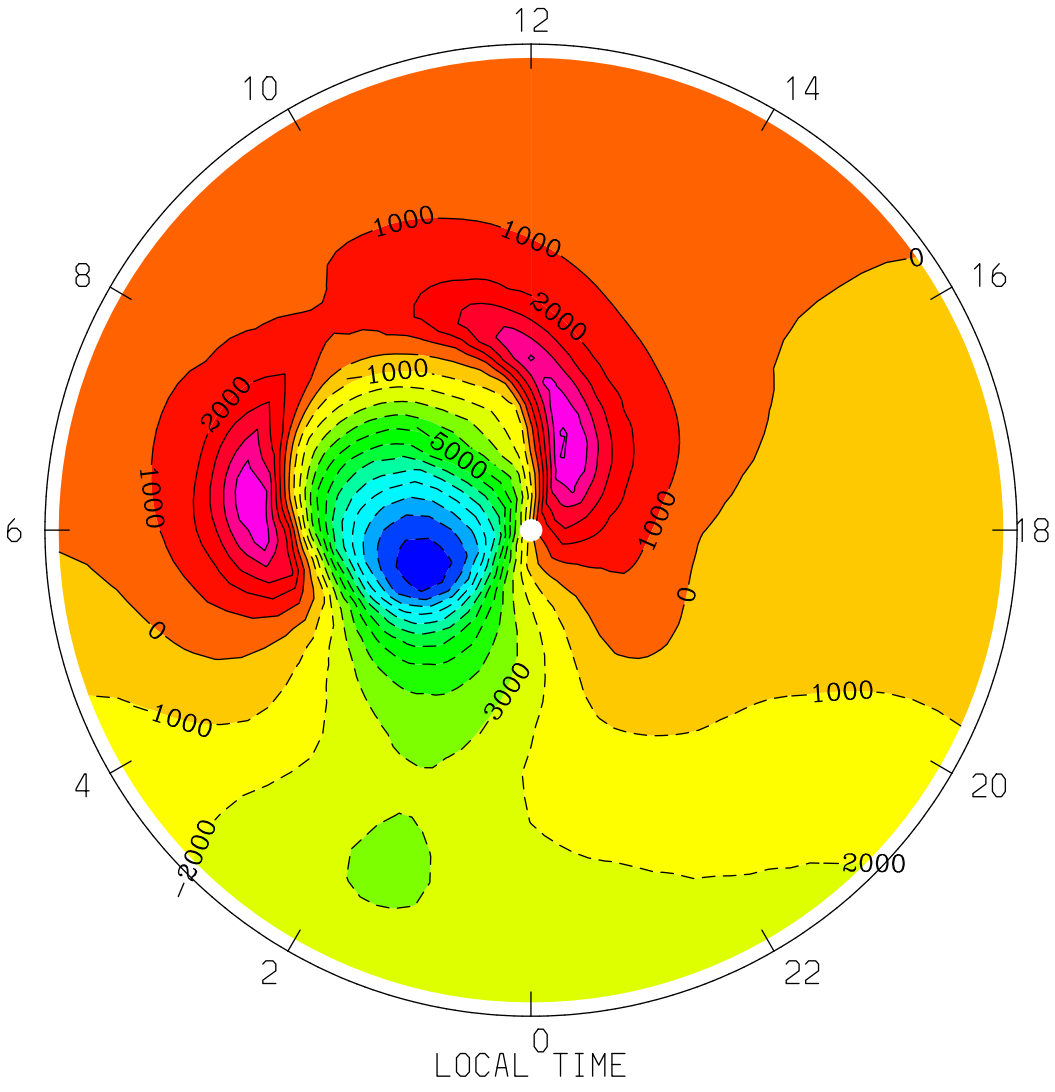


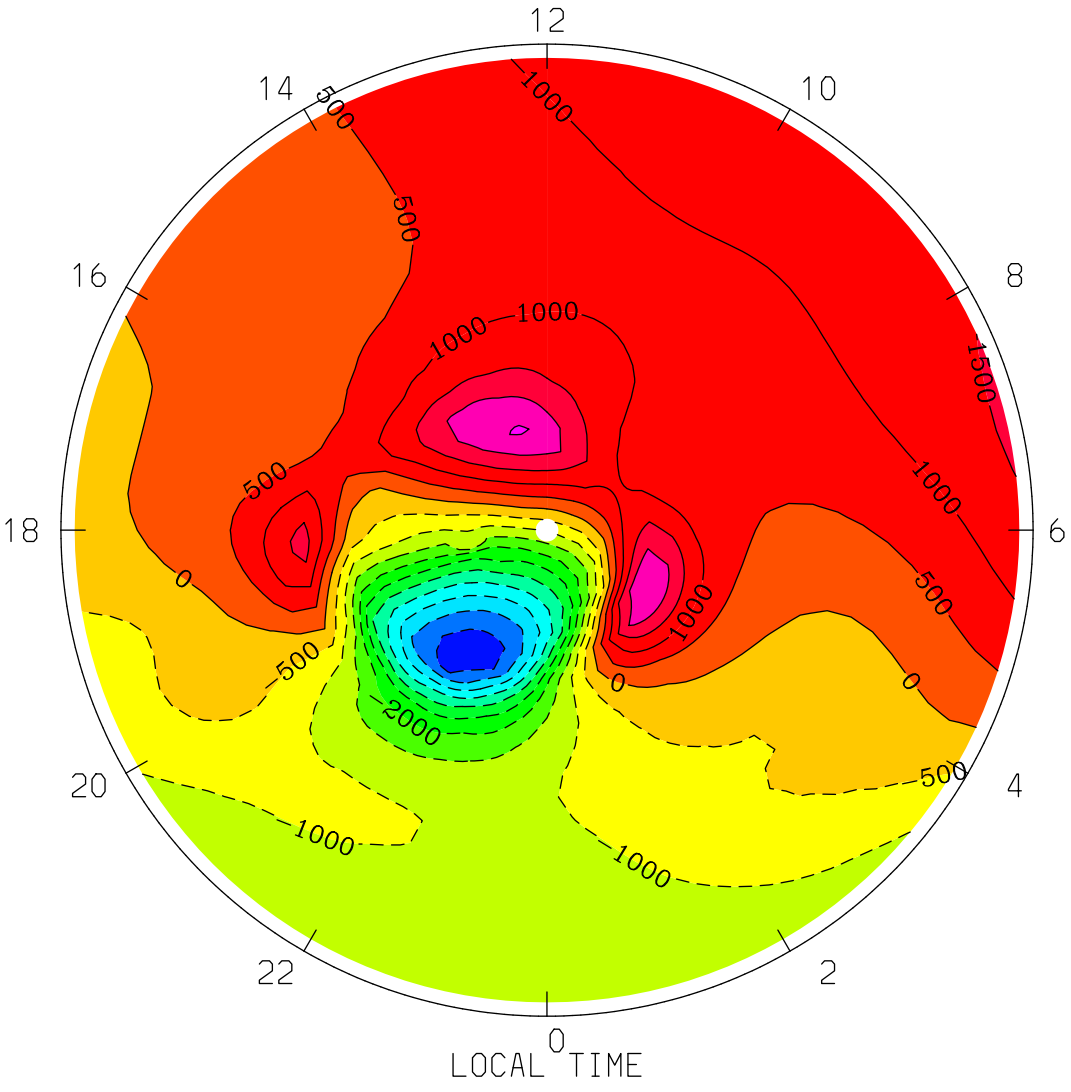
MIN,MAX= -5.4461E+03 2.5996E+03 INTERVAL= 5.0000E+02

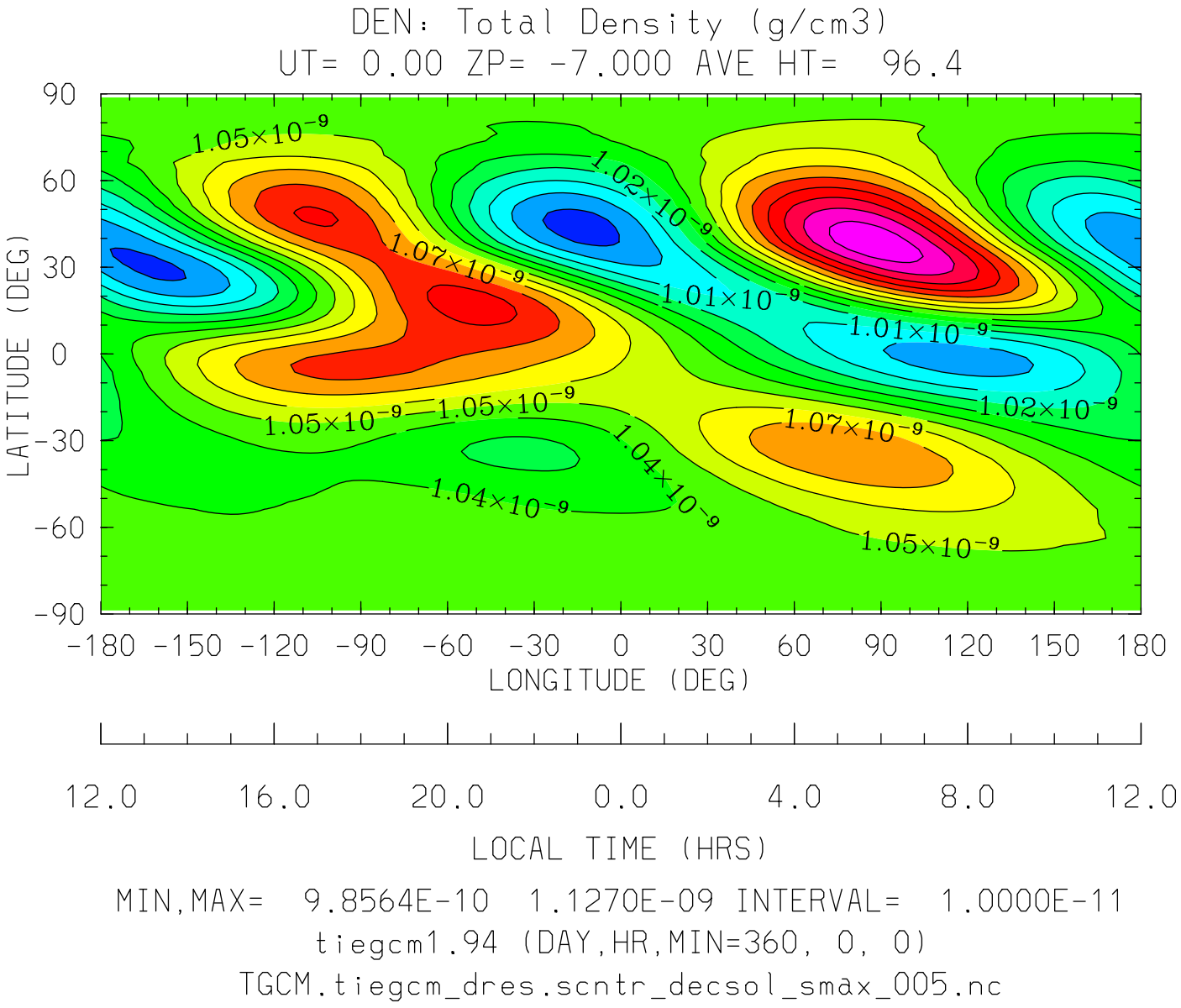
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 365.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.2616E+04 6.1777E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 365.3 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
1000
1000
2000
1000
2000
5000
1000
1000
0
0
1000
3000
1000
2000
2000
LOCAL TIME
MIN,MAX= -1.2616E+04 6.1777E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

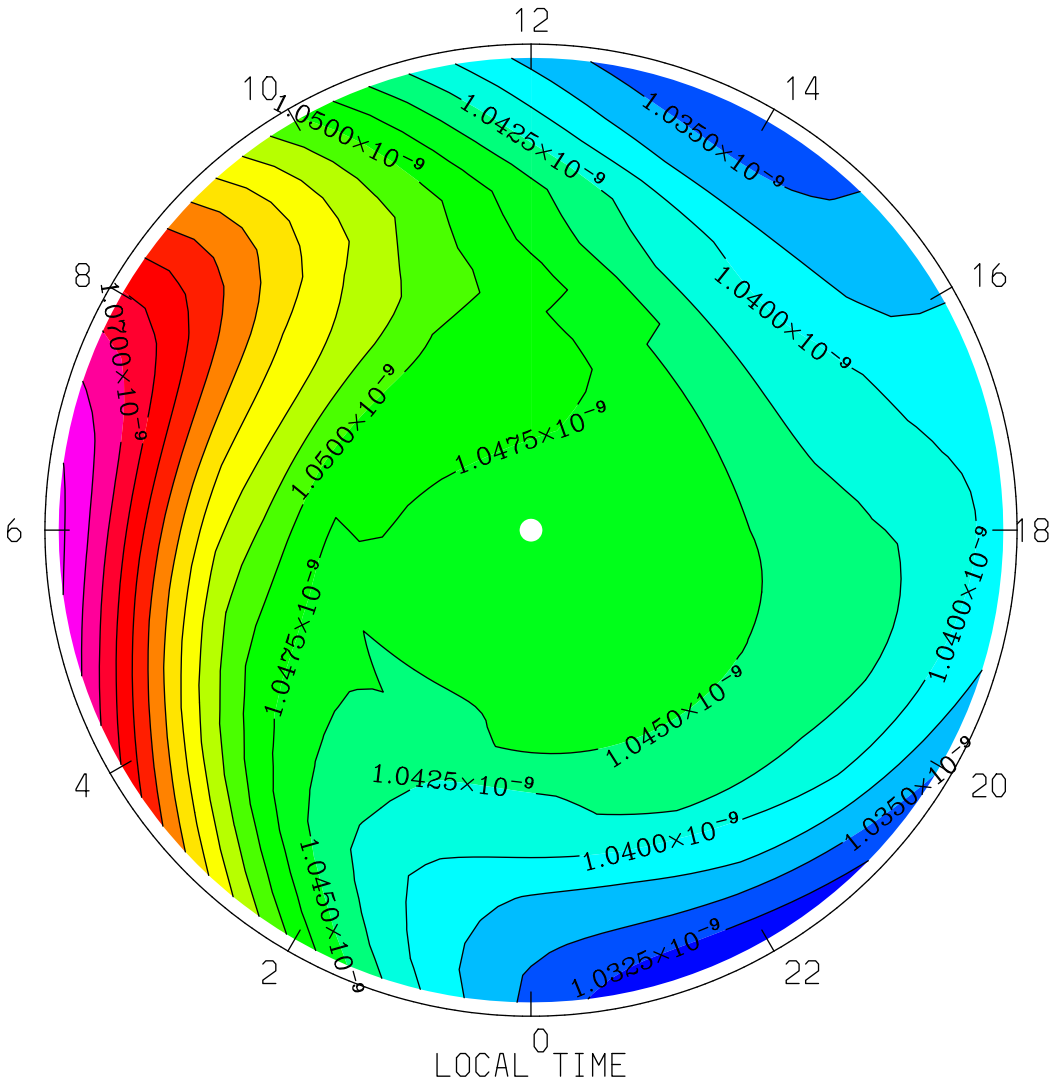

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 365.3 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
-1000
-500
1500
2000
MIN,MAX= -5.3871E+03 2.5752E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 9.8564E-10 1.1270E-09 INTERVAL= 1.0000E-11

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

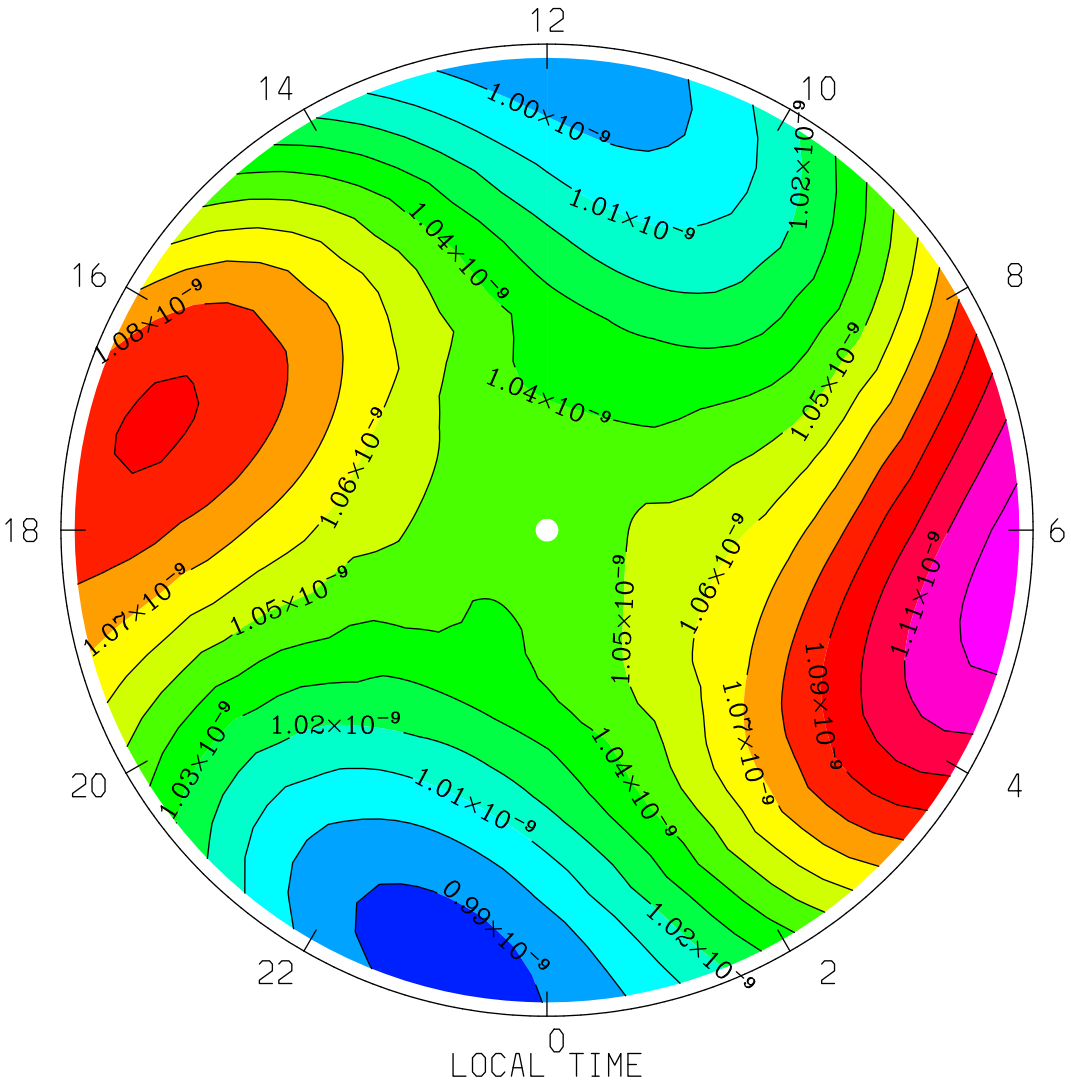
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.0305E-09 1.0756E-09 INTERVAL= 2.5000E-12

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

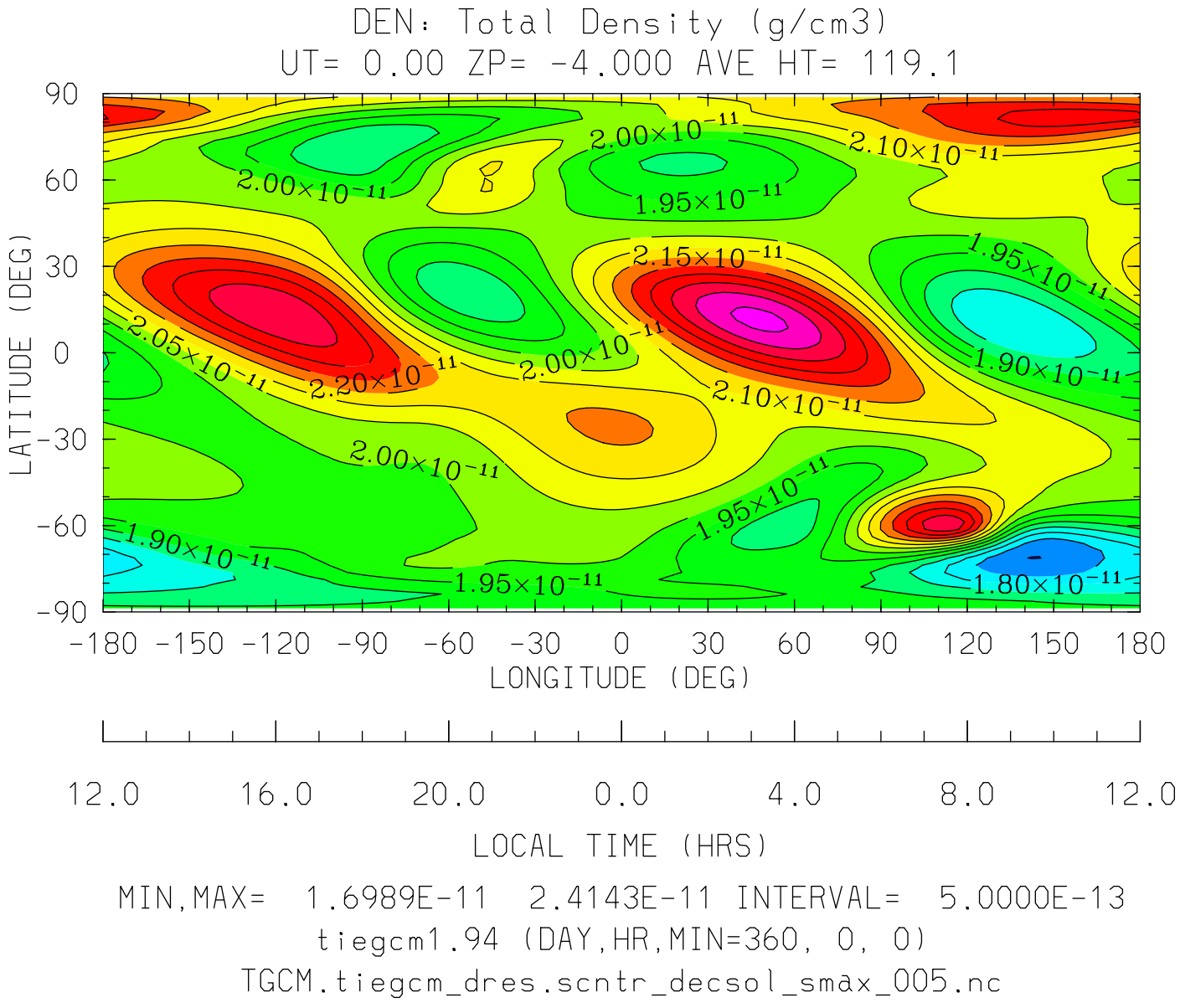
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 9.8564E-10 1.1259E-09 INTERVAL= 1.0000E-11

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

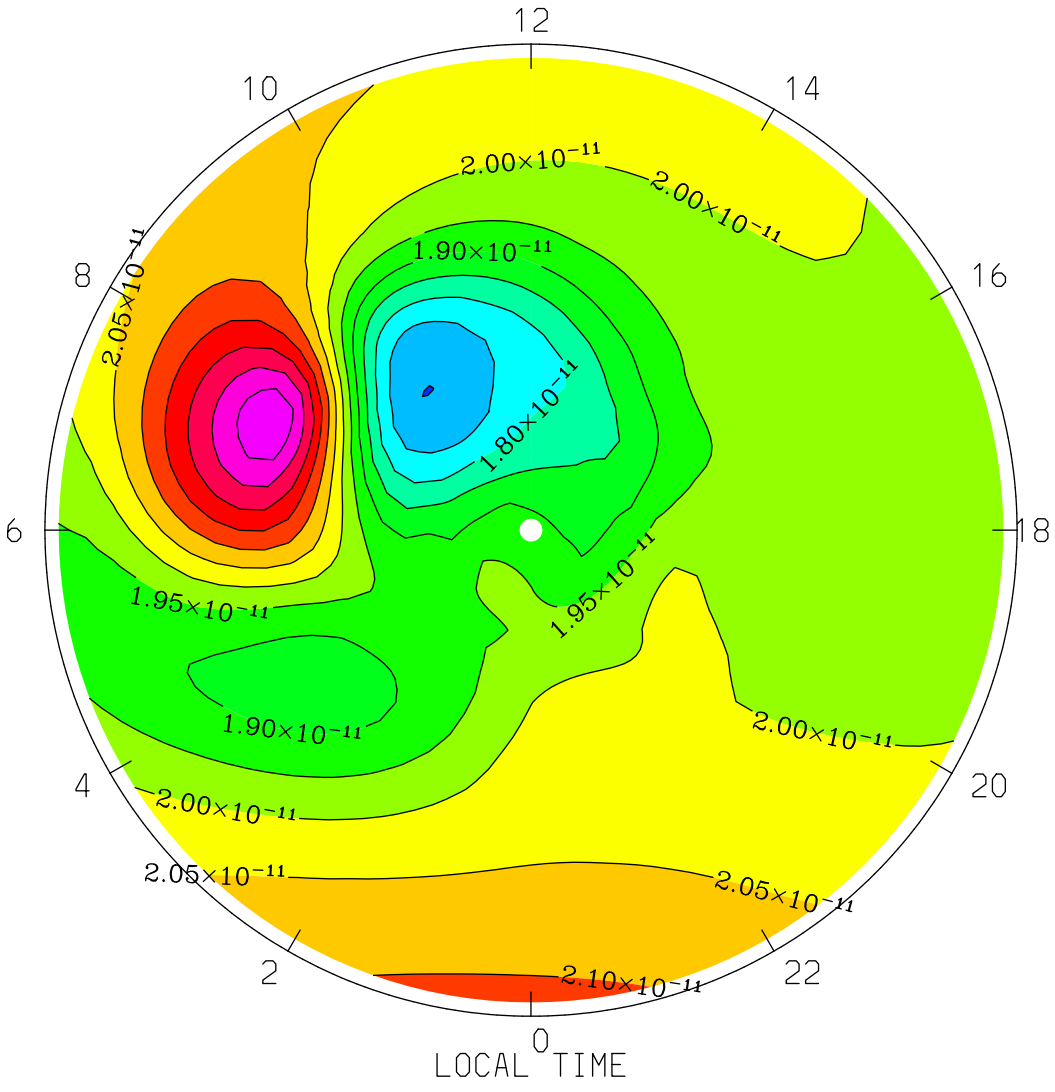
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.6989E-11 2.4143E-11 INTERVAL= 5.0000E-13

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

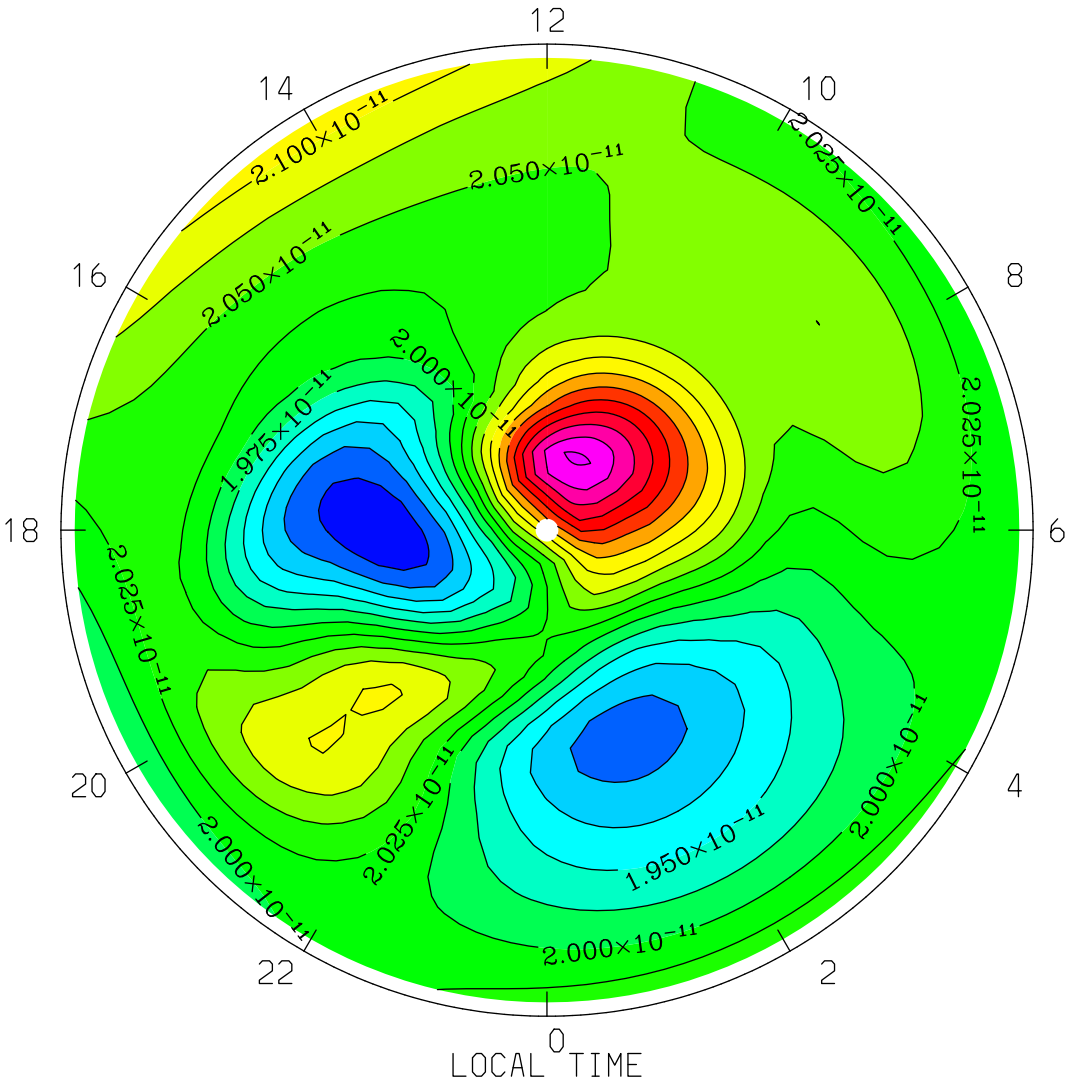
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.6989E-11 2.3391E-11 INTERVAL= 5.0000E-13

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

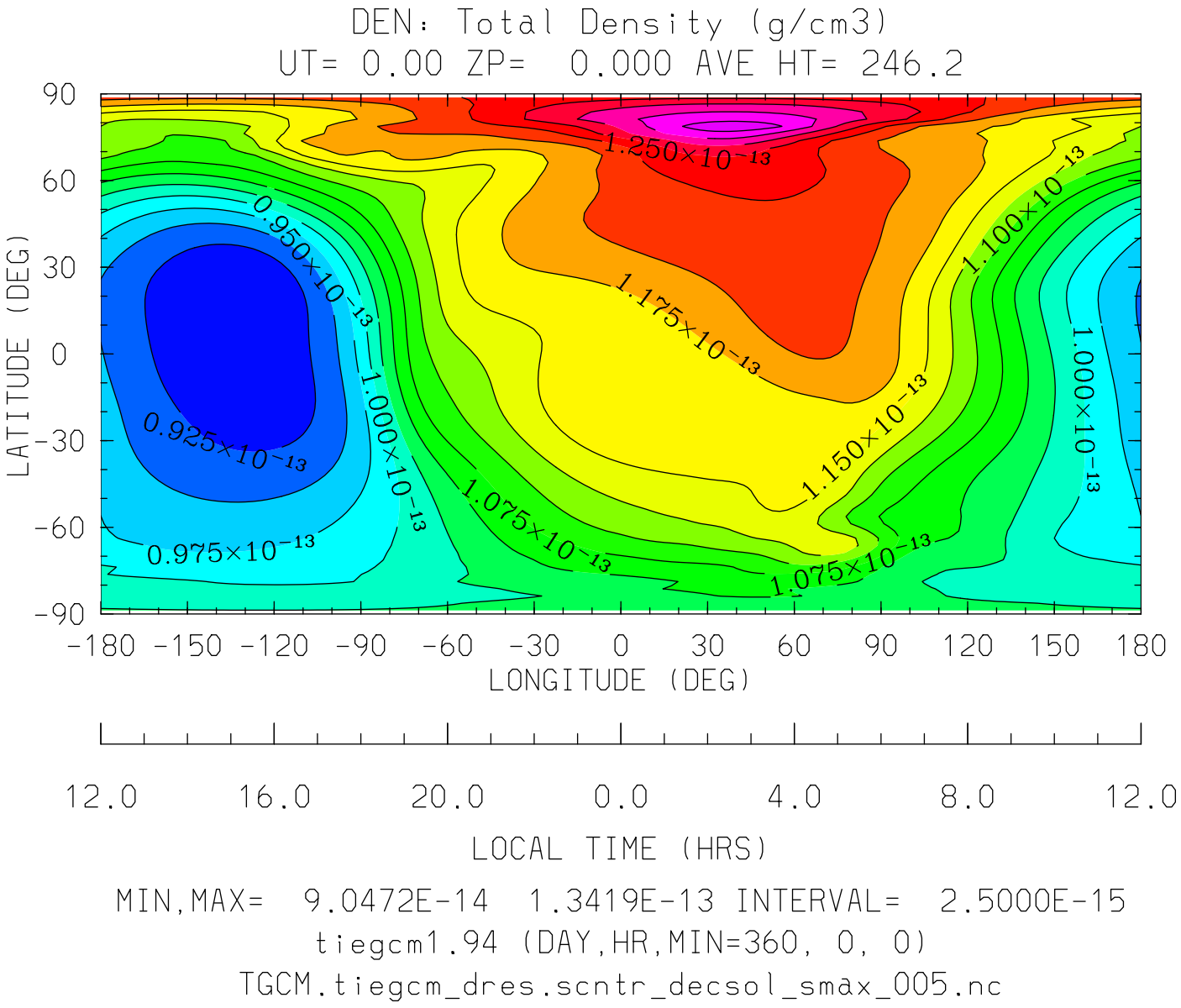
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.8532E-11 2.2802E-11 INTERVAL= 2.5000E-13

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

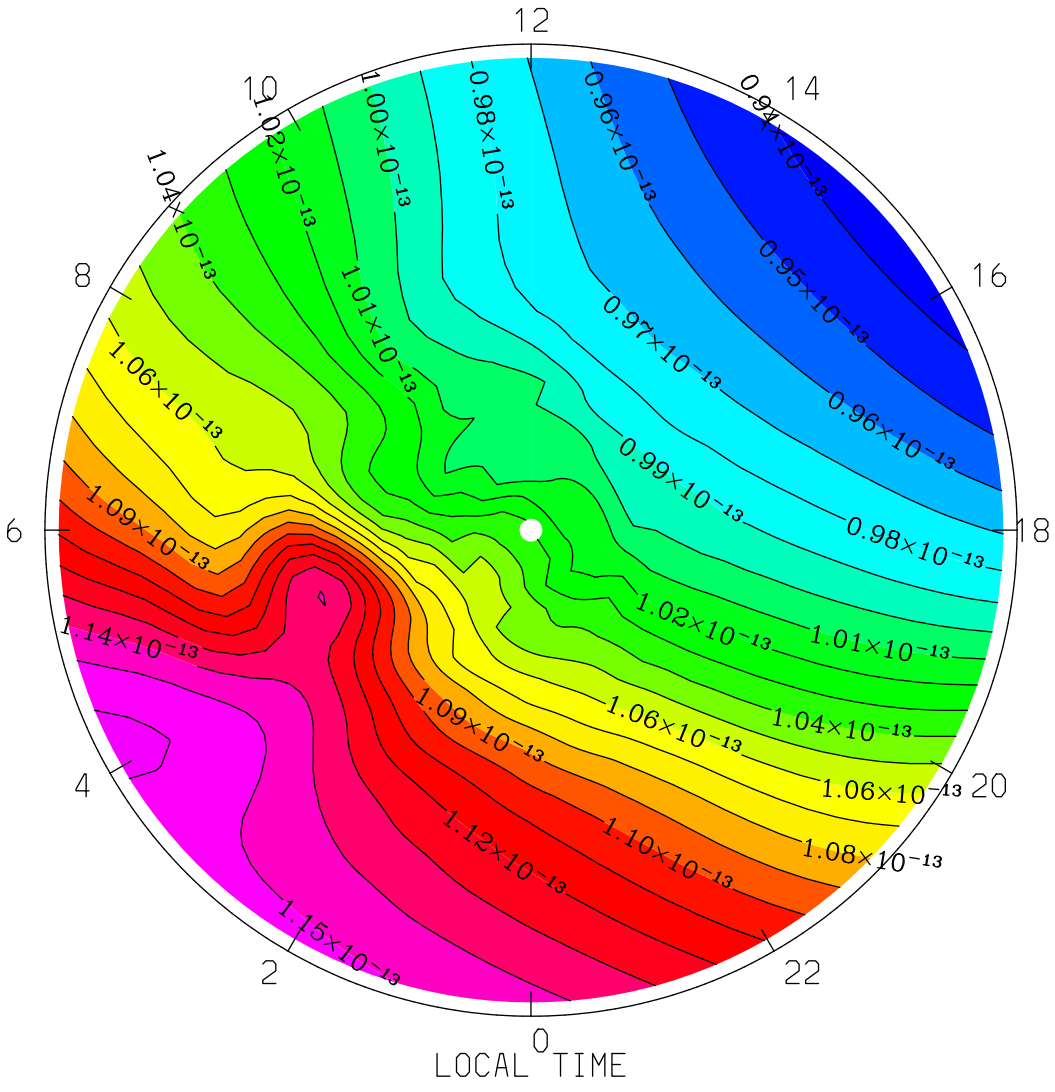
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 9.0472E-14 1.3419E-13 INTERVAL= 2.5000E-15

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

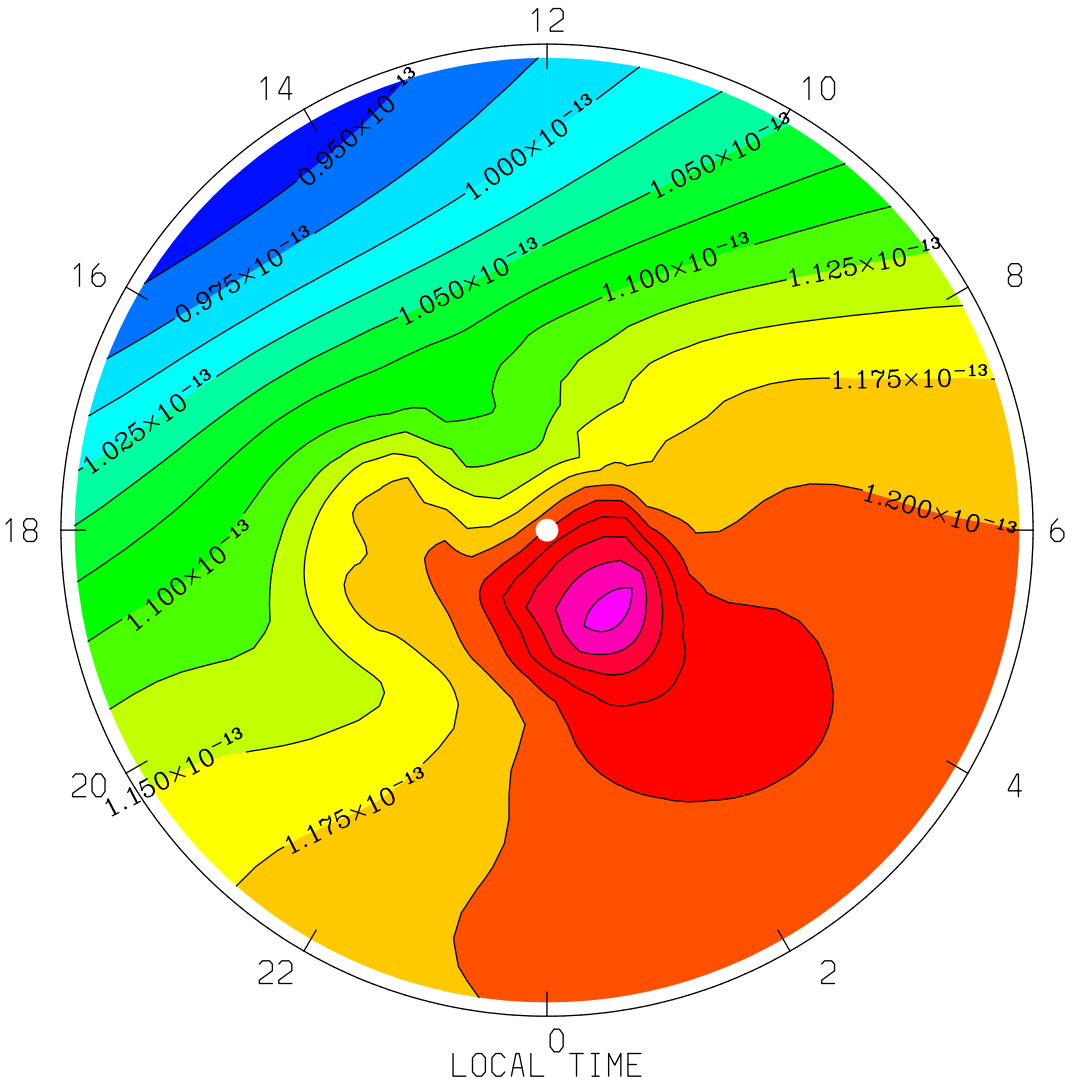
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 9.3487E-14 1.1618E-13 INTERVAL= 1.0000E-15

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

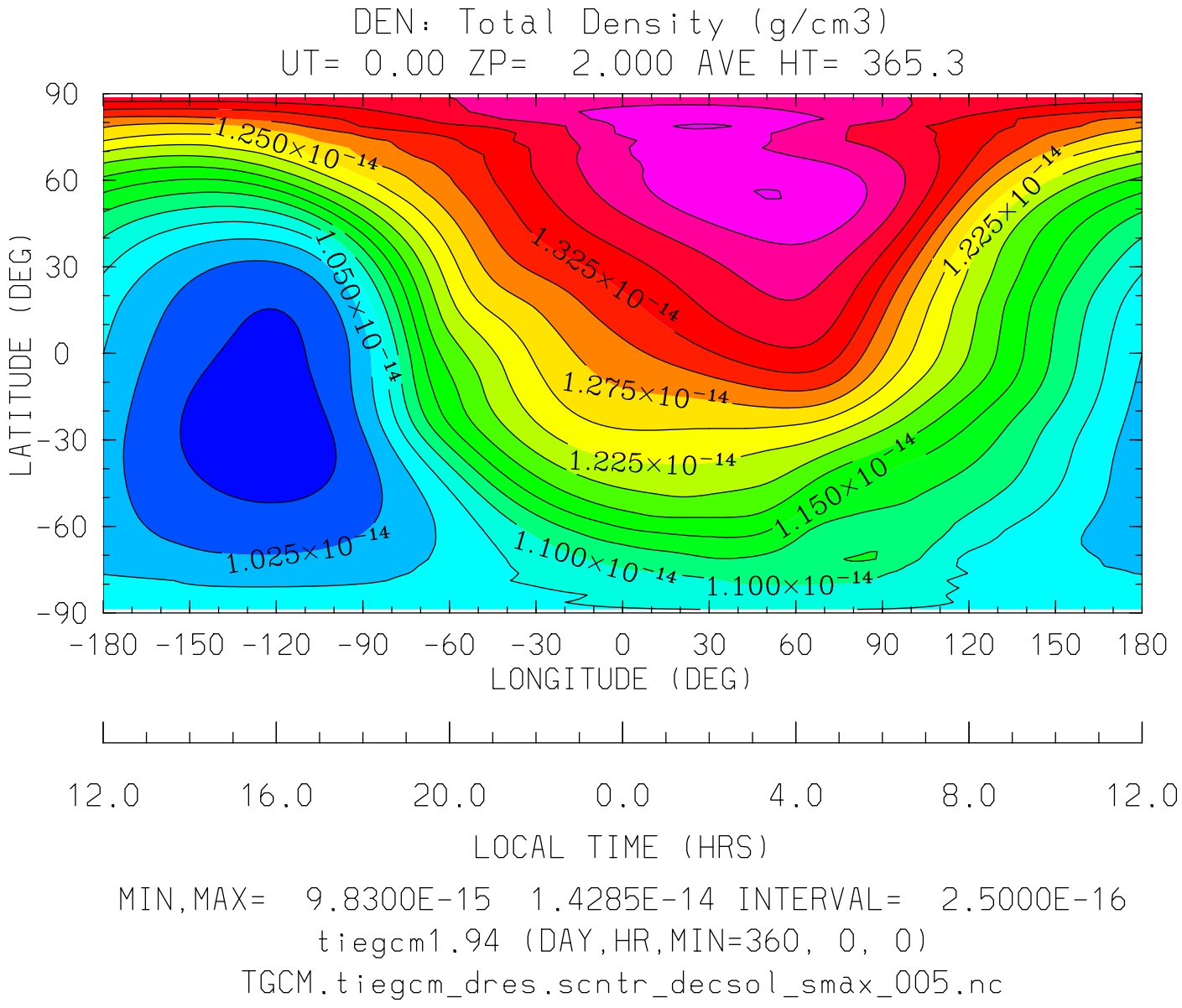
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 9.3464E-14 1.3419E-13 INTERVAL= 2.5000E-15

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

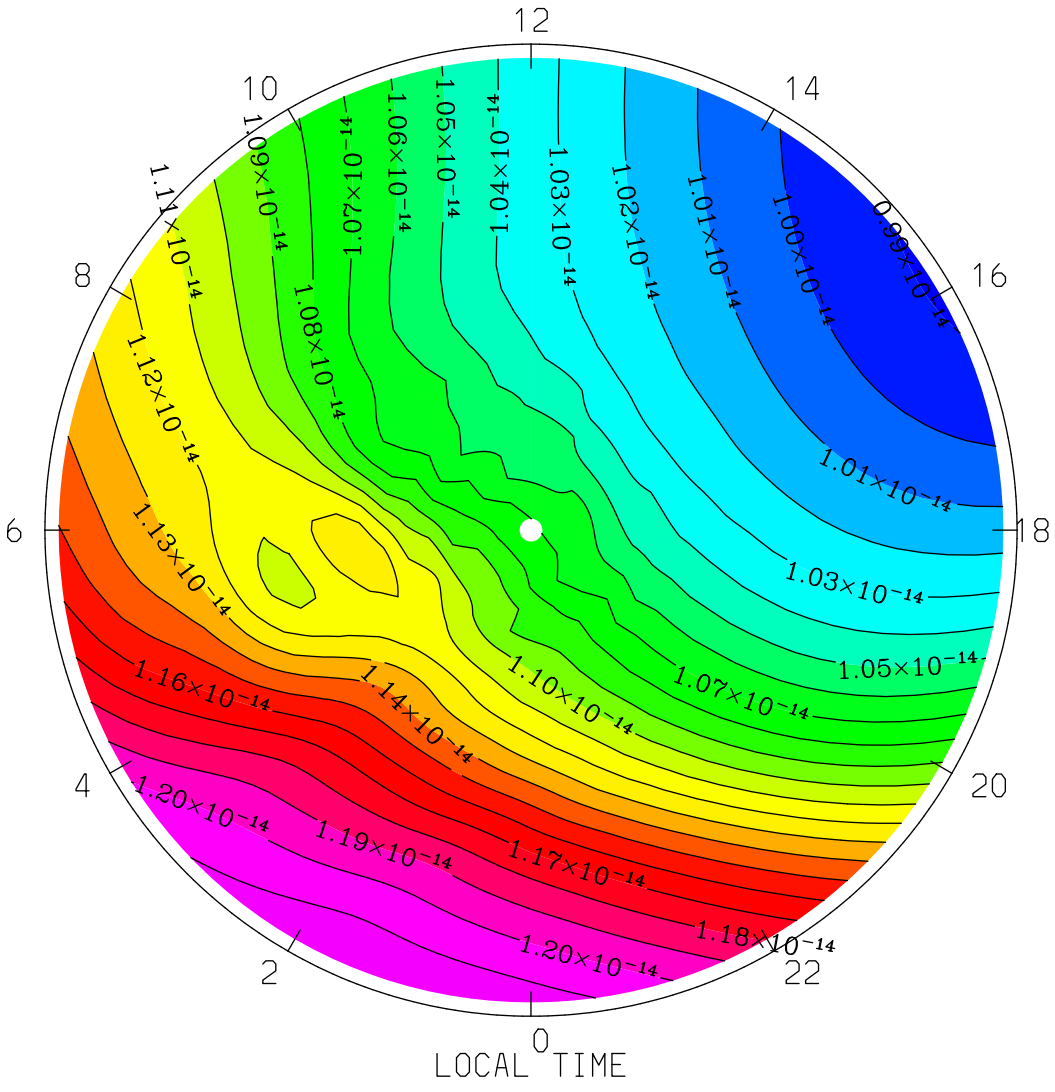
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 9.8300E-15 1.4285E-14 INTERVAL= 2.5000E-16

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

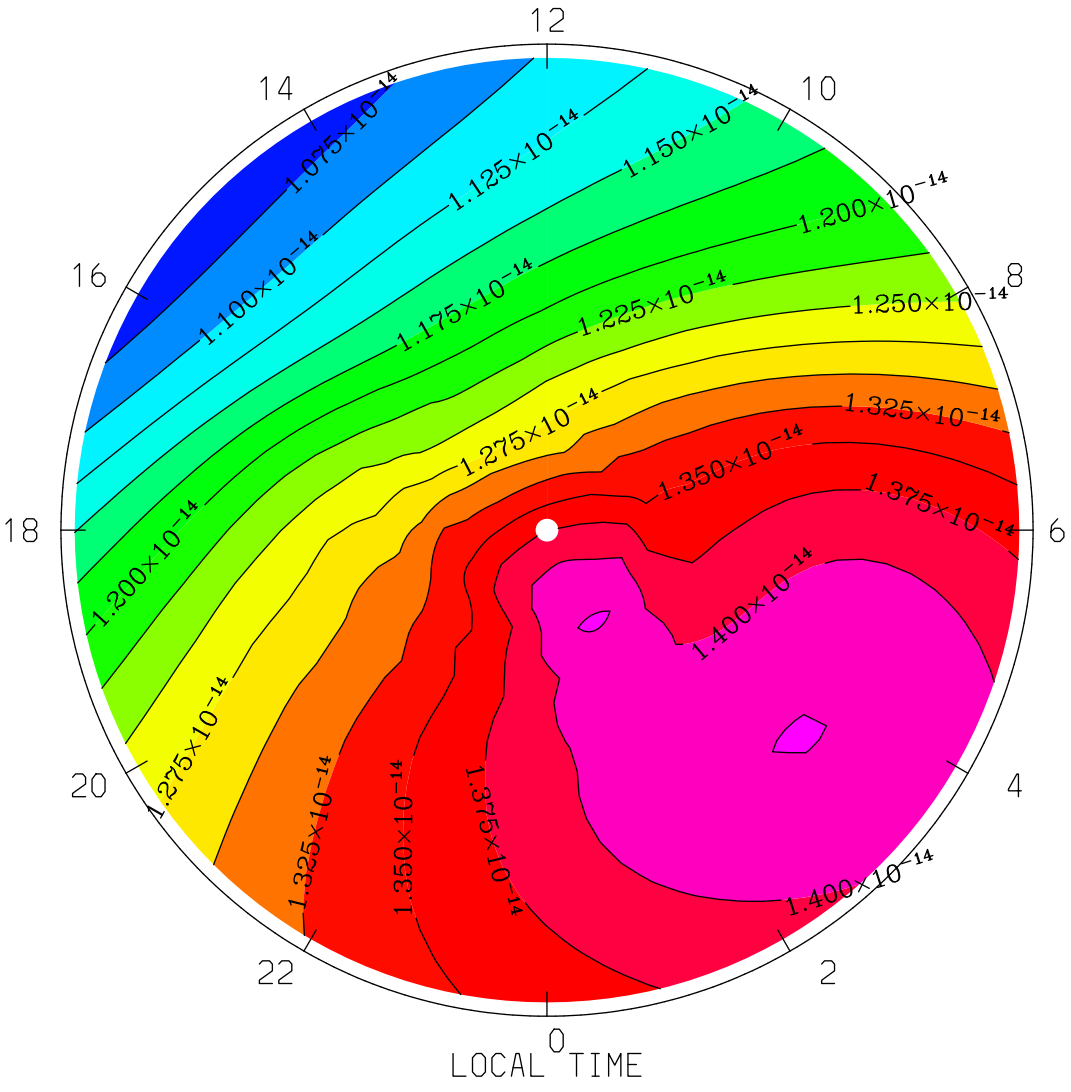
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 9.8892E-15 1.2192E-14 INTERVAL= 1.0000E-16

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

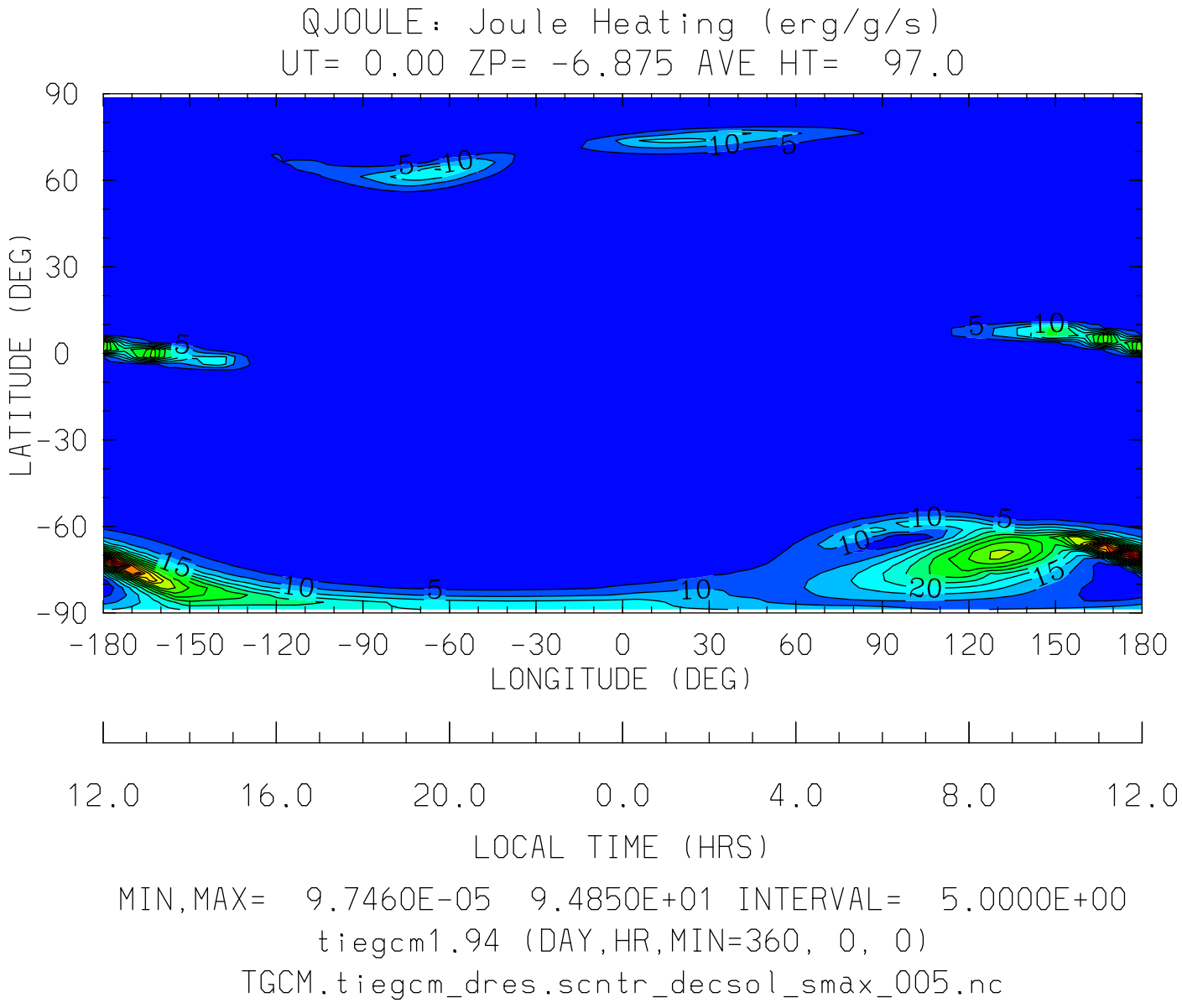
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

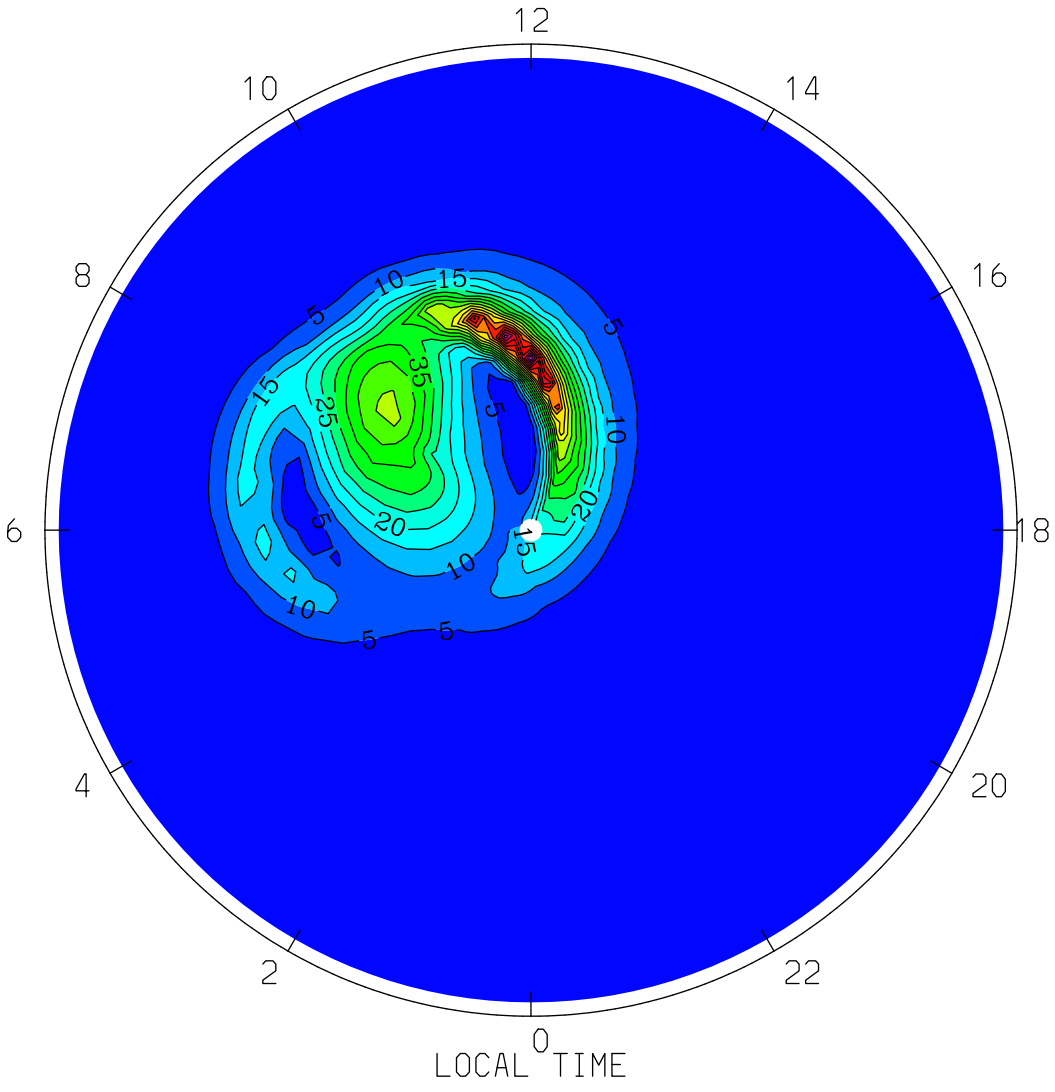


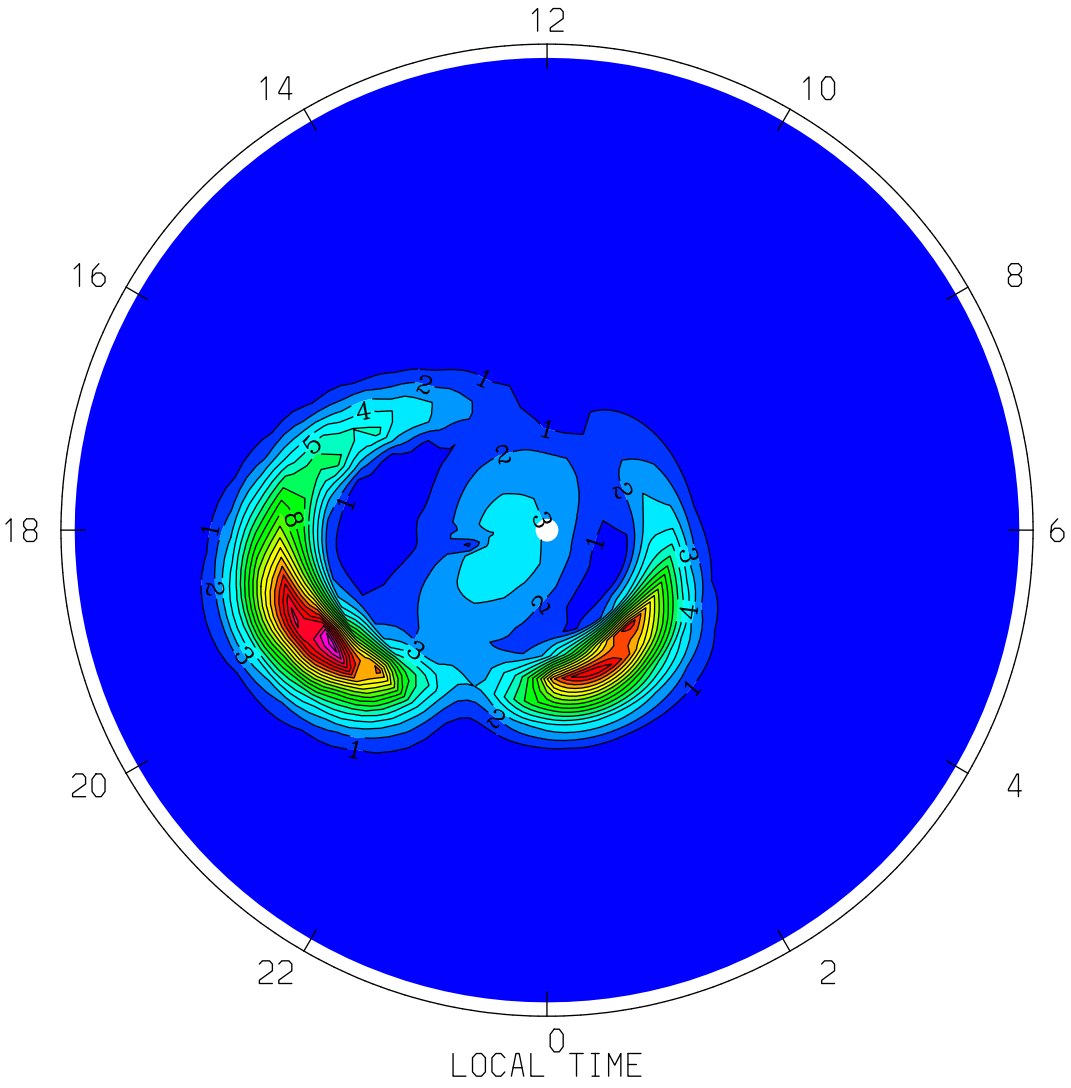
MIN,MAX= 1.0560E-14 1.4285E-14 INTERVAL= 2.5000E-16

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -6.875 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.7460E-05 9.4850E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

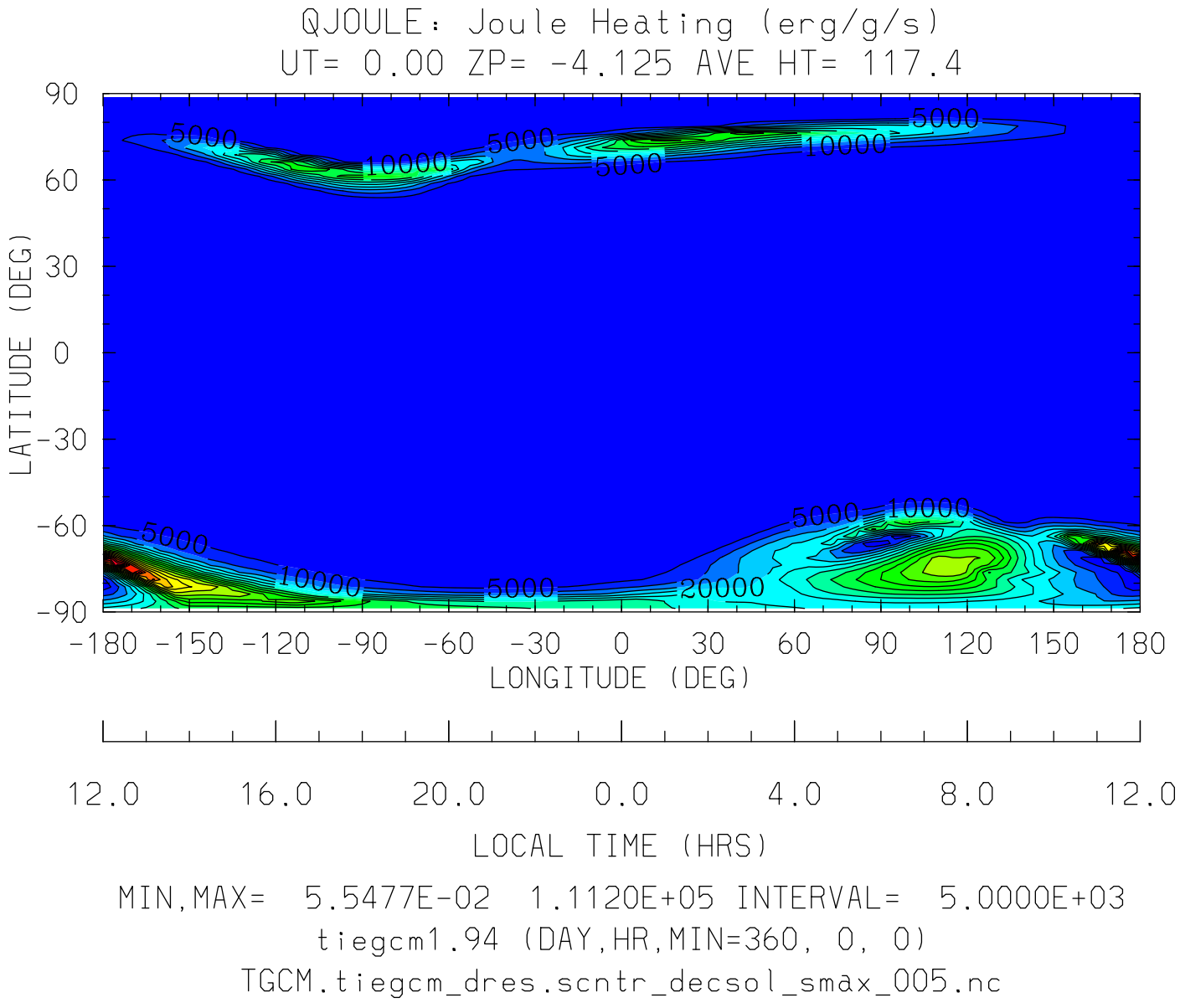

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 1.3968E-04 9.4850E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 3.6847E-04 2.0535E+01 INTERVAL= 1.0000E+00

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

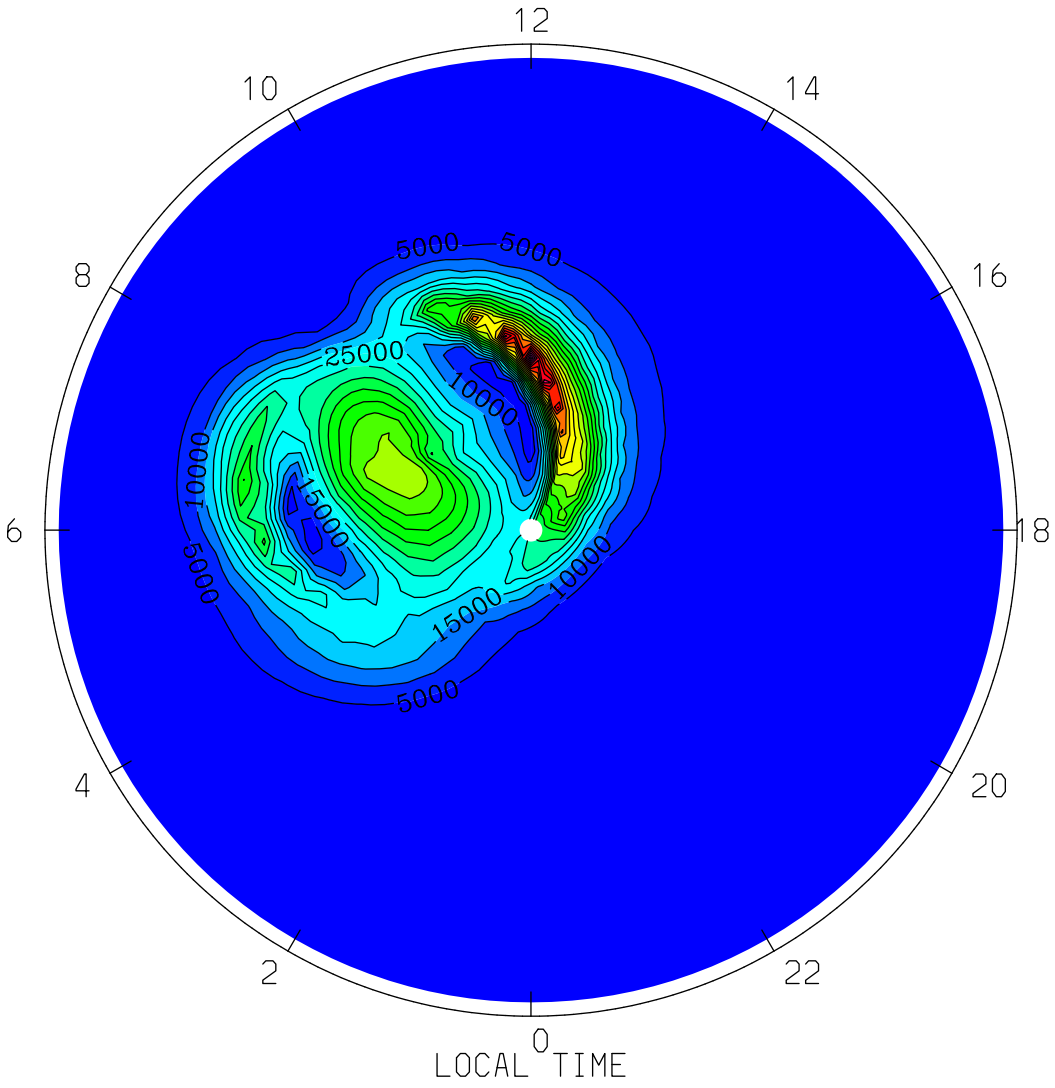
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

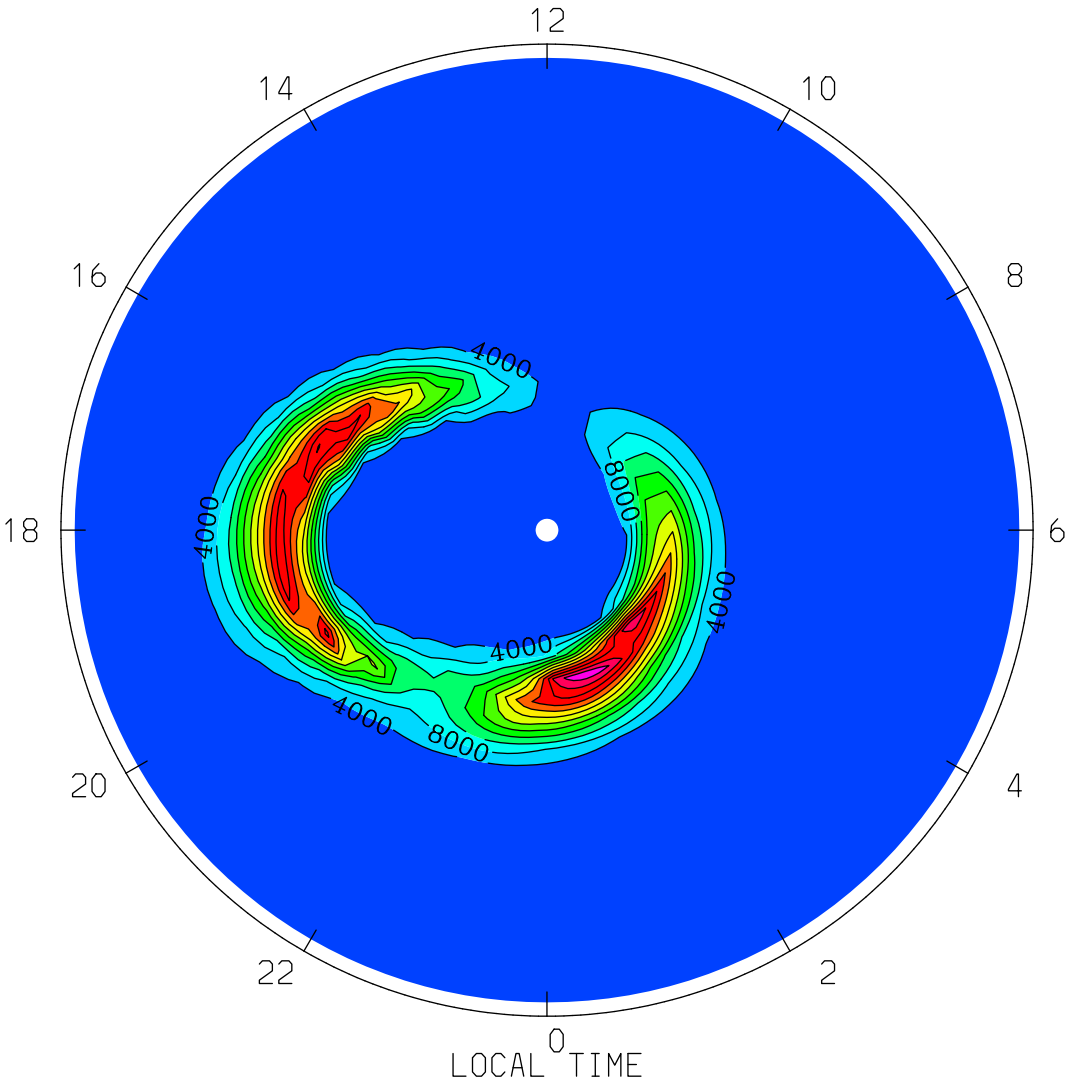


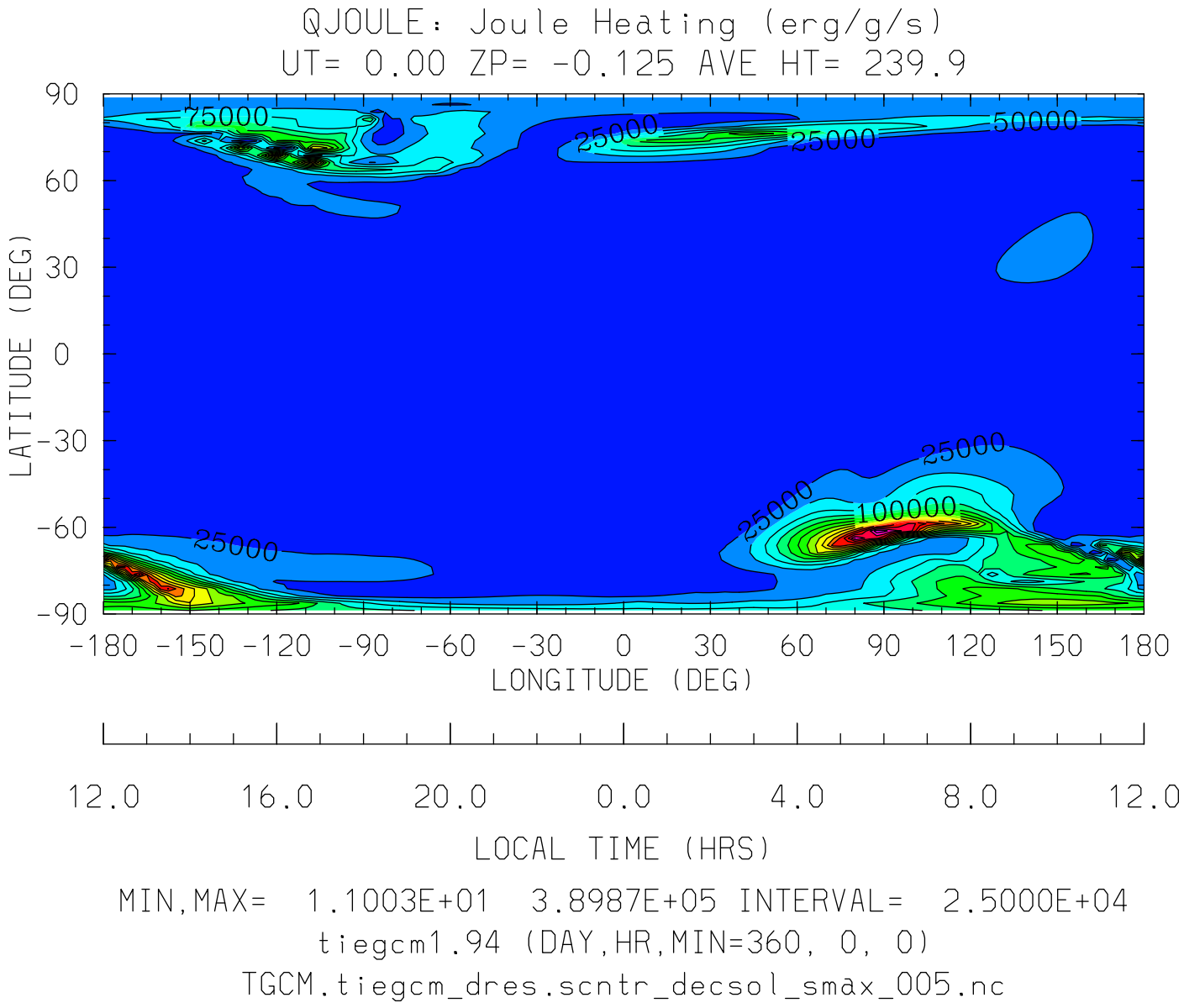
MIN,MAX= 5.5477E-02 1.1120E+05 INTERVAL= 5.0000E+03

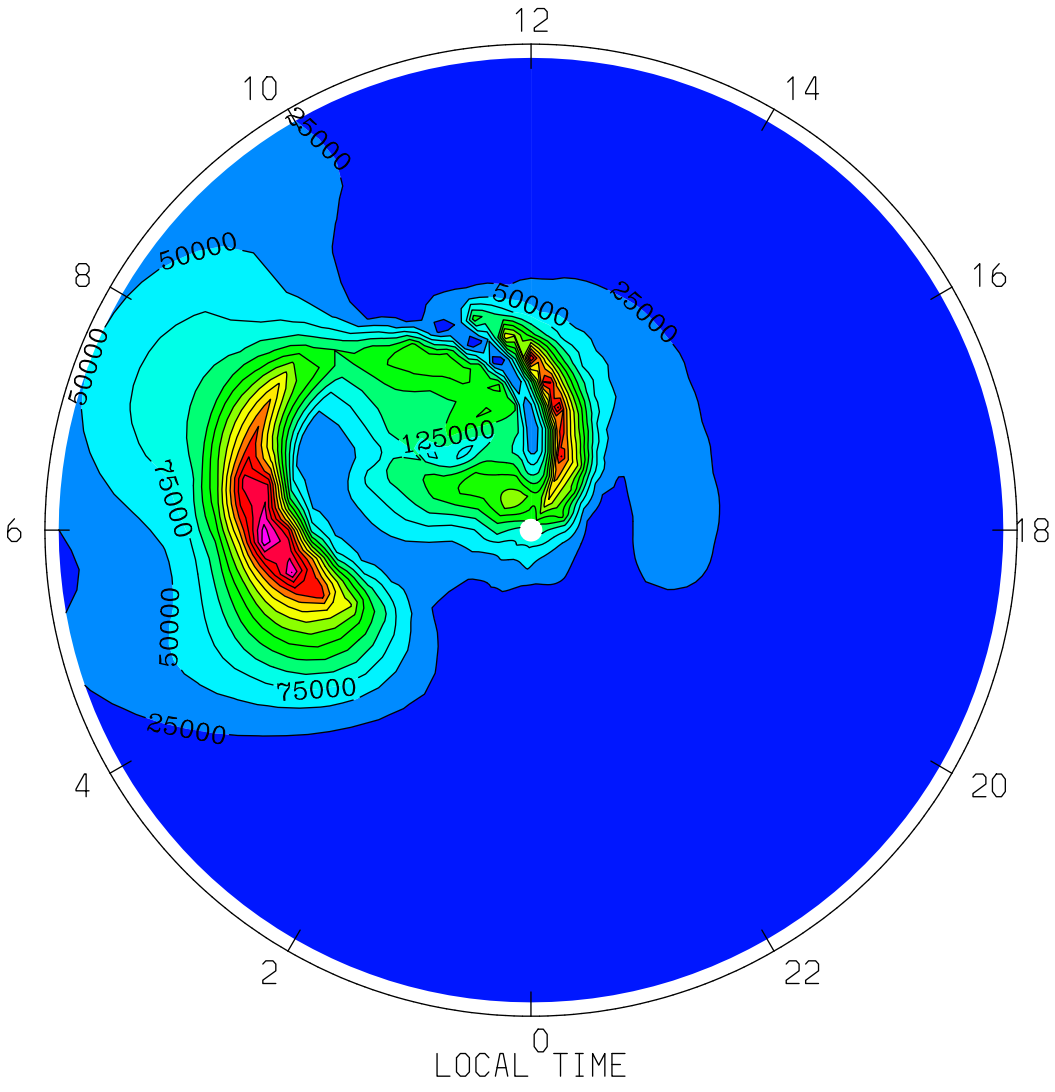
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

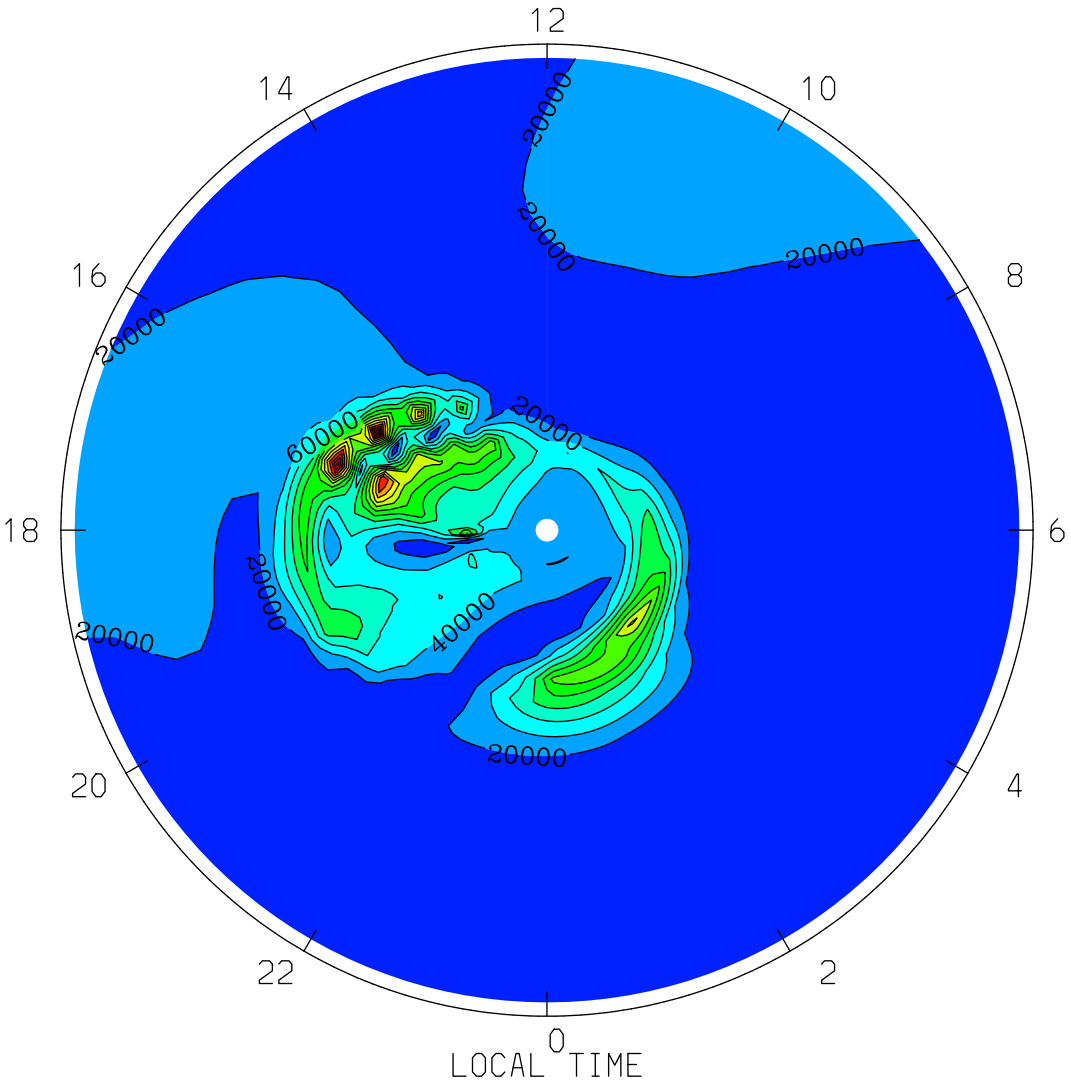
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

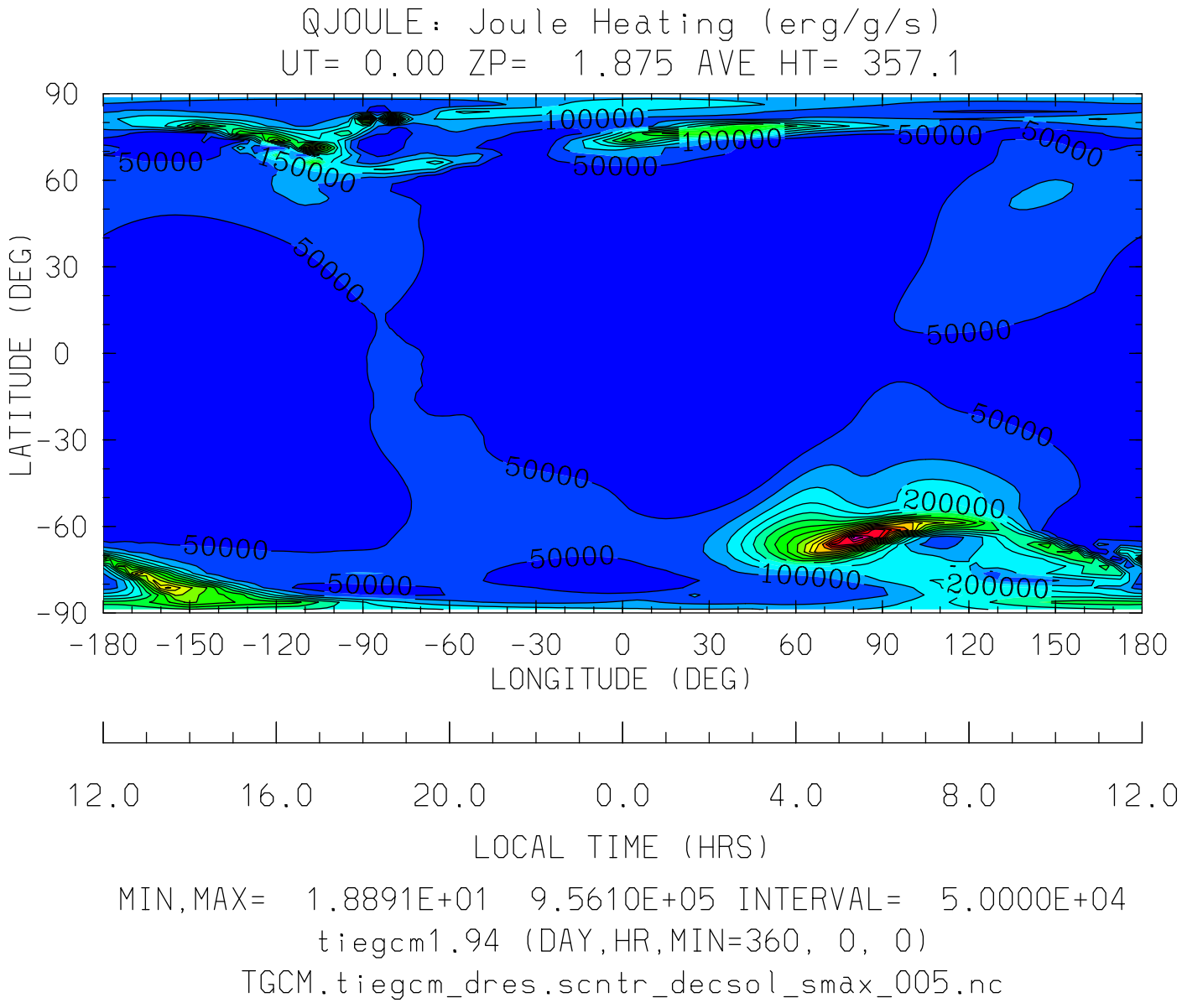

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -4.125 AVE HT= 117.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
5000
5000
25000
10000
10000
15000
5000
15000
10000
5000
LOCAL TIME
MIN,MAX= 1.4716E+00 1.1120E+05 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -4.125 AVE HT= 117.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
4000
8000
4000
8000
4000
4000
4000
8000
LOCAL TIME
MIN,MAX= 5.5477E-02 5.1067E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -0.125 AVE HT= 239.9
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
75000
25000
25000
50000
25000
25000
100000
25000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.1003E+01 3.8987E+05 INTERVAL= 2.5000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -0.125 AVE HT= 239.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
25000
50000
75000
125000
MIN,MAX= 3.0396E+02 3.8987E+05 INTERVAL= 2.5000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

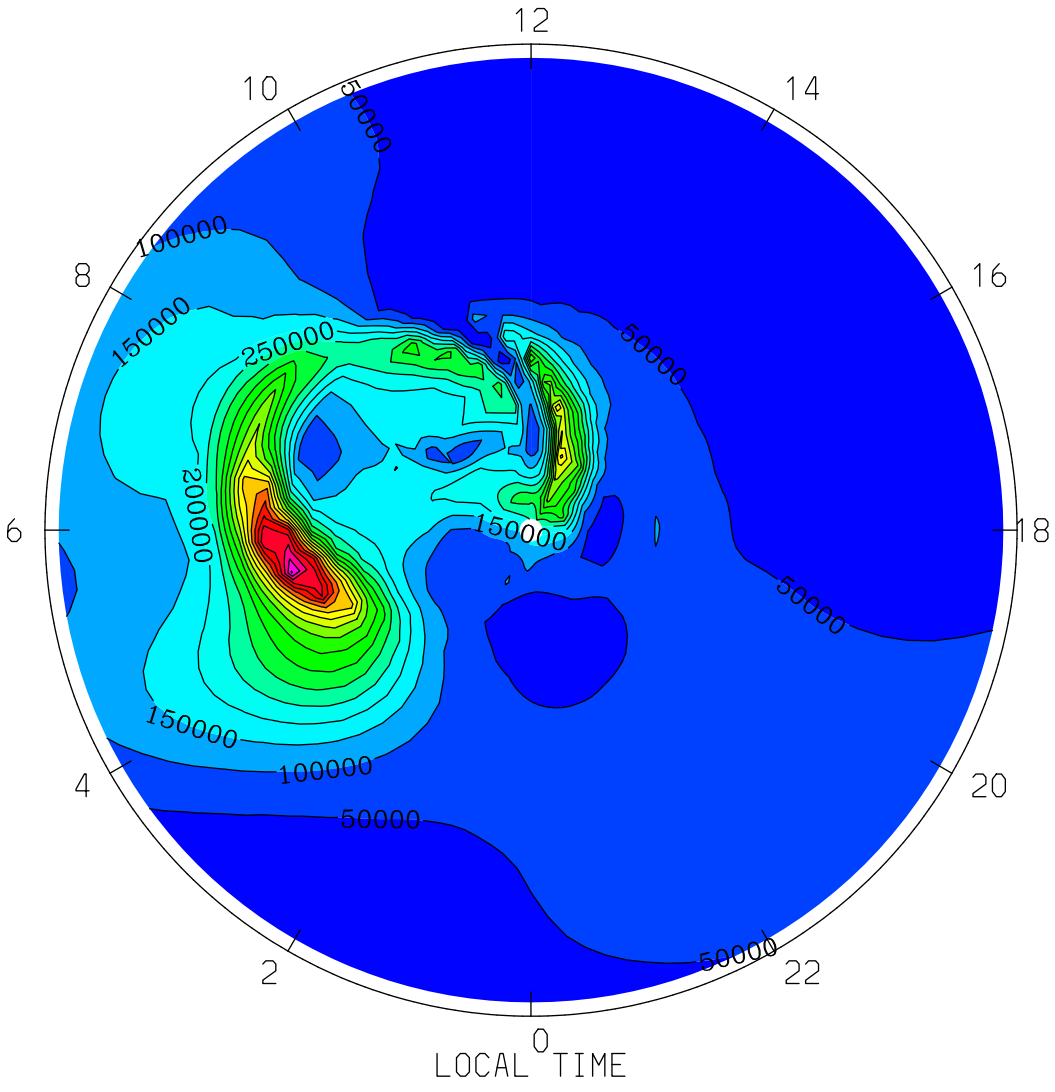

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -0.125 AVE HT= 239.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
20000
20000
20000
20000
60000
20000
20000
40000
20000
LOCAL TIME
MIN,MAX= 3.3839E+01 2.8086E+05 INTERVAL= 2.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.8891E+01 9.5610E+05 INTERVAL= 5.0000E+04

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

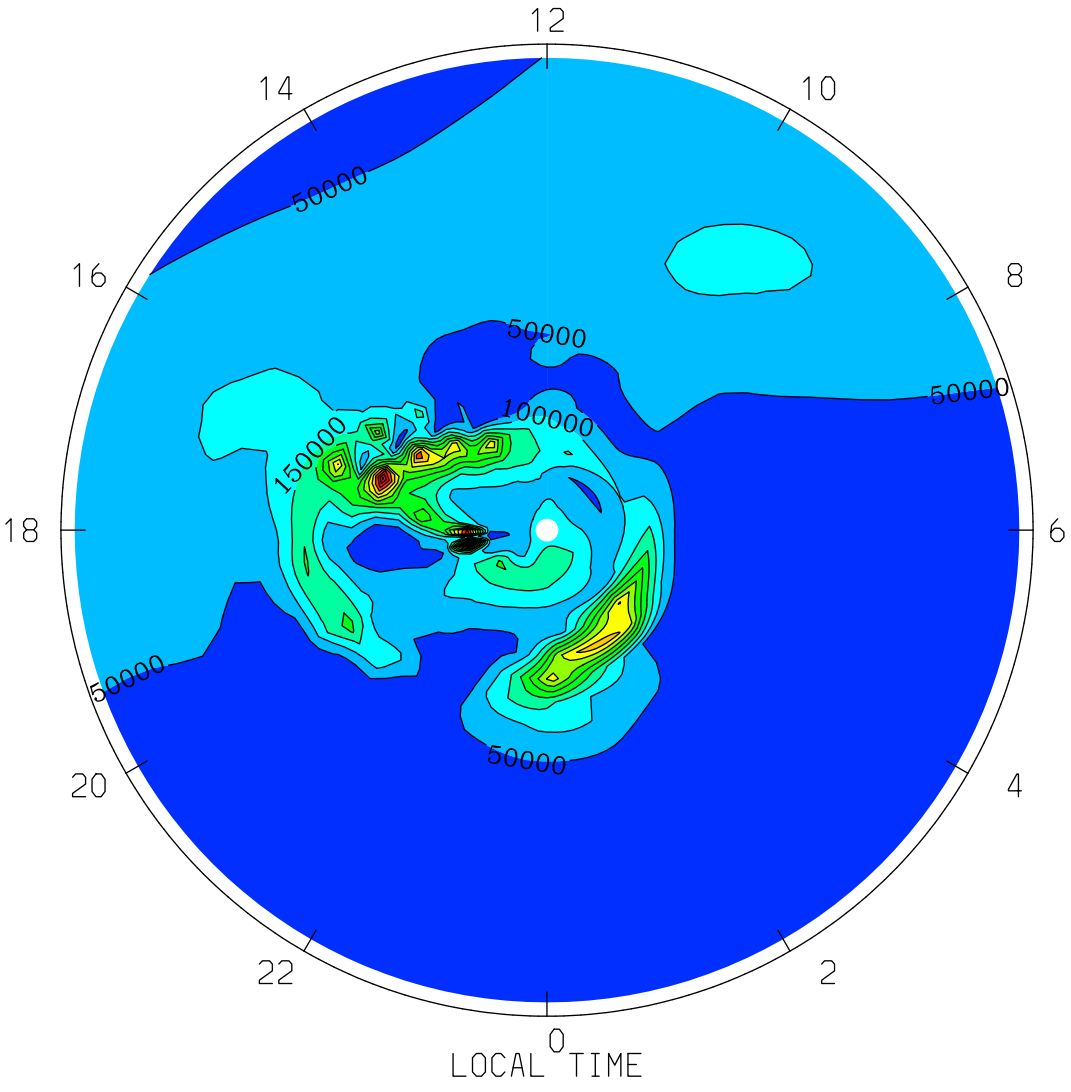
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

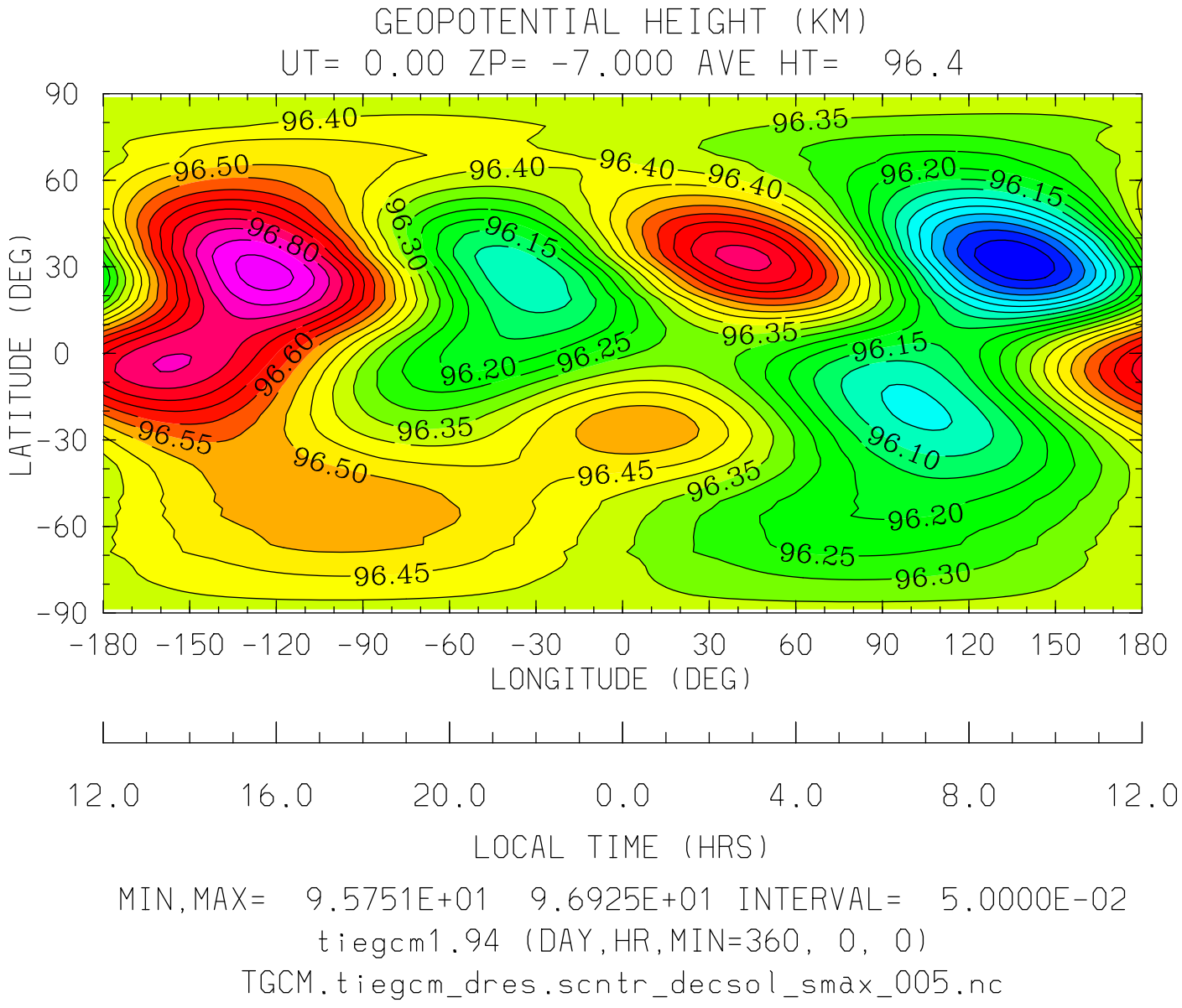


MIN,MAX= 4.0345E+03 9.5610E+05 INTERVAL= 5.0000E+04

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

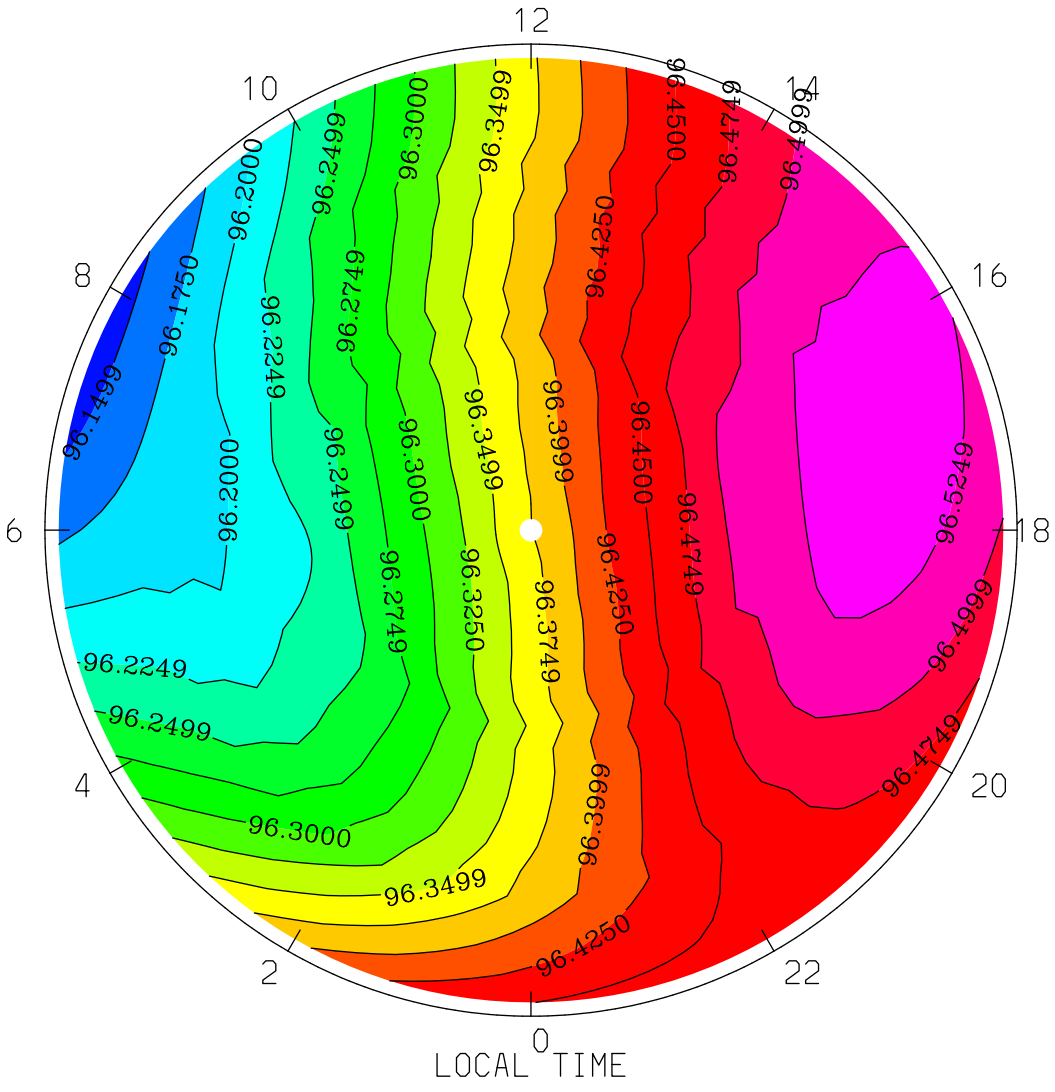

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= 1.875 AVE HT= 357.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
50000
50000
100000
150000
50000
50000
50000
LOCAL TIME
MIN,MAX= 1.8891E+01 6.9928E+05 INTERVAL= 5.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

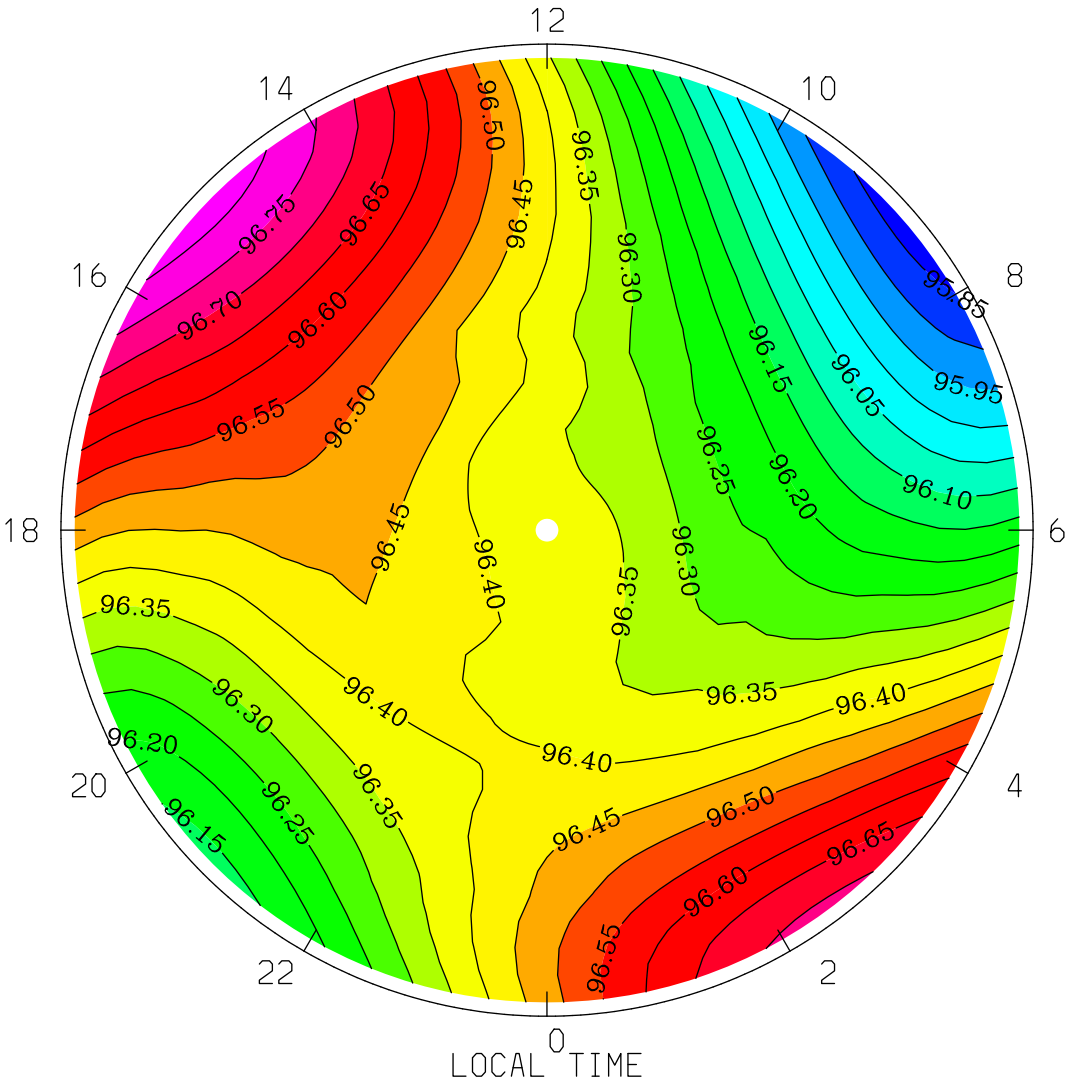


MIN,MAX= 9.5751E+01 9.6925E+01 INTERVAL= 5.0000E-02

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

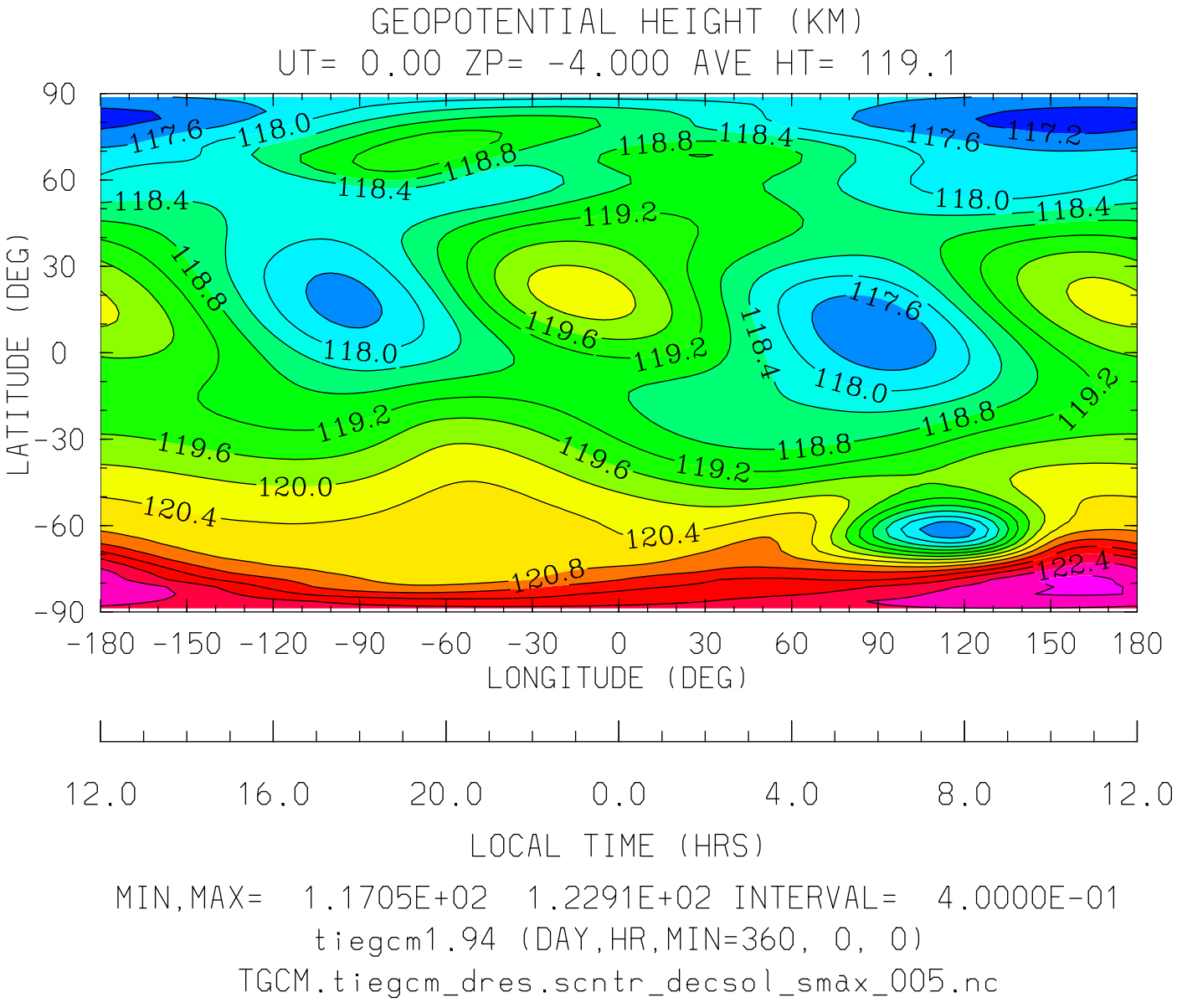

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
96.1499
96.1750
96.2000
96.2249
96.2499
96.2749
96.3000
96.3249
96.3499
96.3749
96.3999
96.4250
96.4500
96.4749
96.4999
96.5249
MIN,MAX= 9.6138E+01 9.6540E+01 INTERVAL= 2.5000E-02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

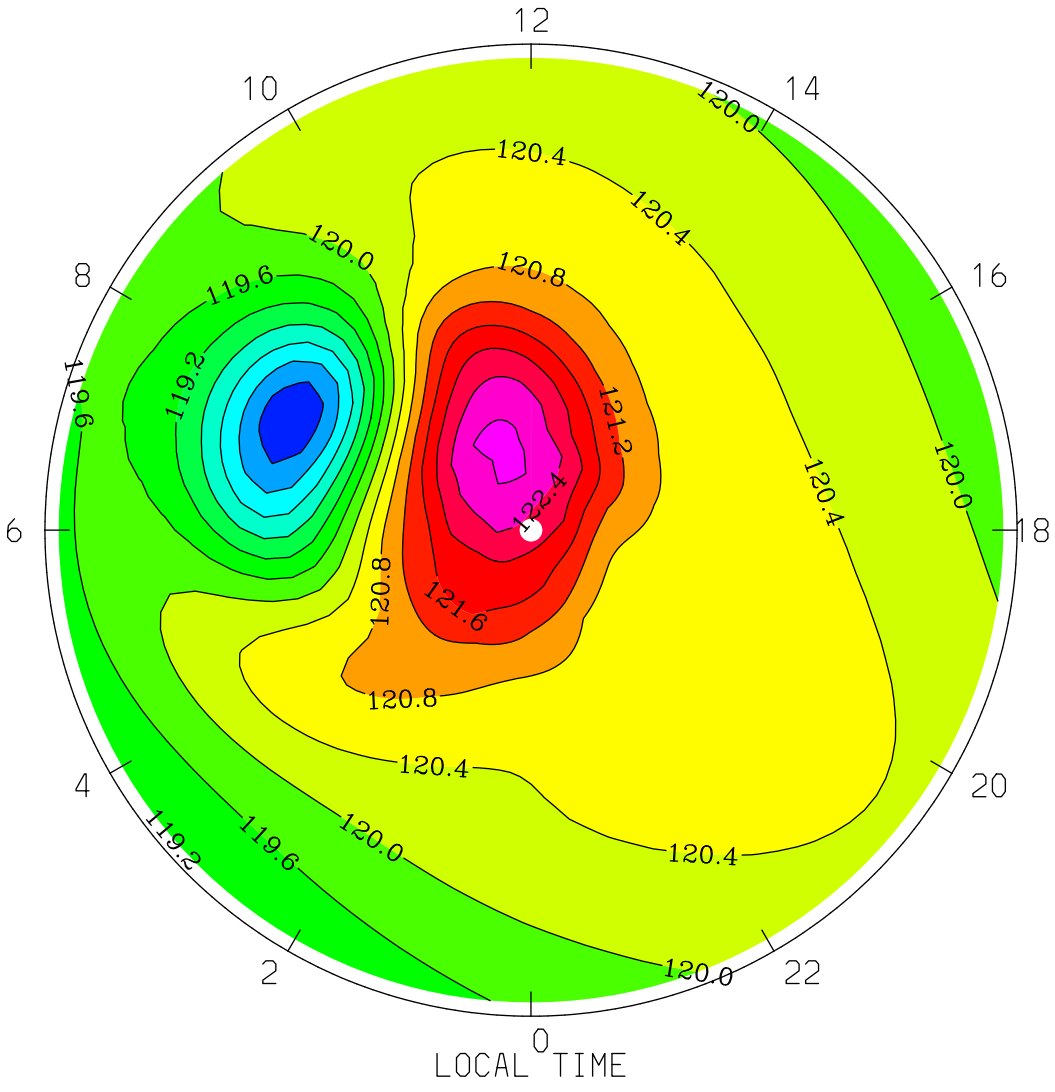


MIN,MAX= 9.5825E+01 9.6828E+01 INTERVAL= 5.0000E-02

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

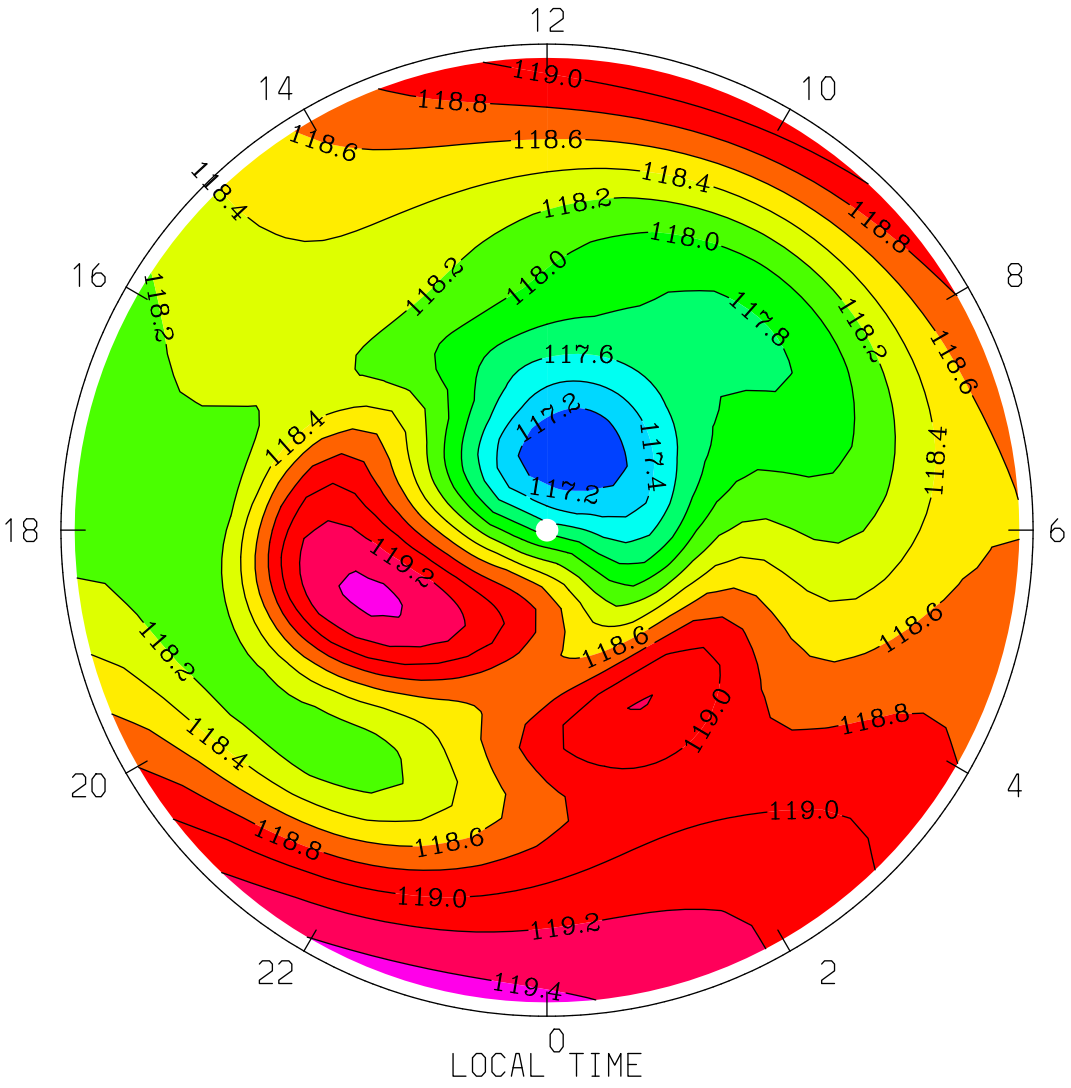

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= -4.000 AVE HT= 119.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
117.6
118.0
118.4
118.8
119.2
119.6
120.0
120.4
120.8
122.4
117.2
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.1705E+02 1.2291E+02 INTERVAL= 4.0000E-01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.1729E+02 1.2291E+02 INTERVAL= 4.0000E-01

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

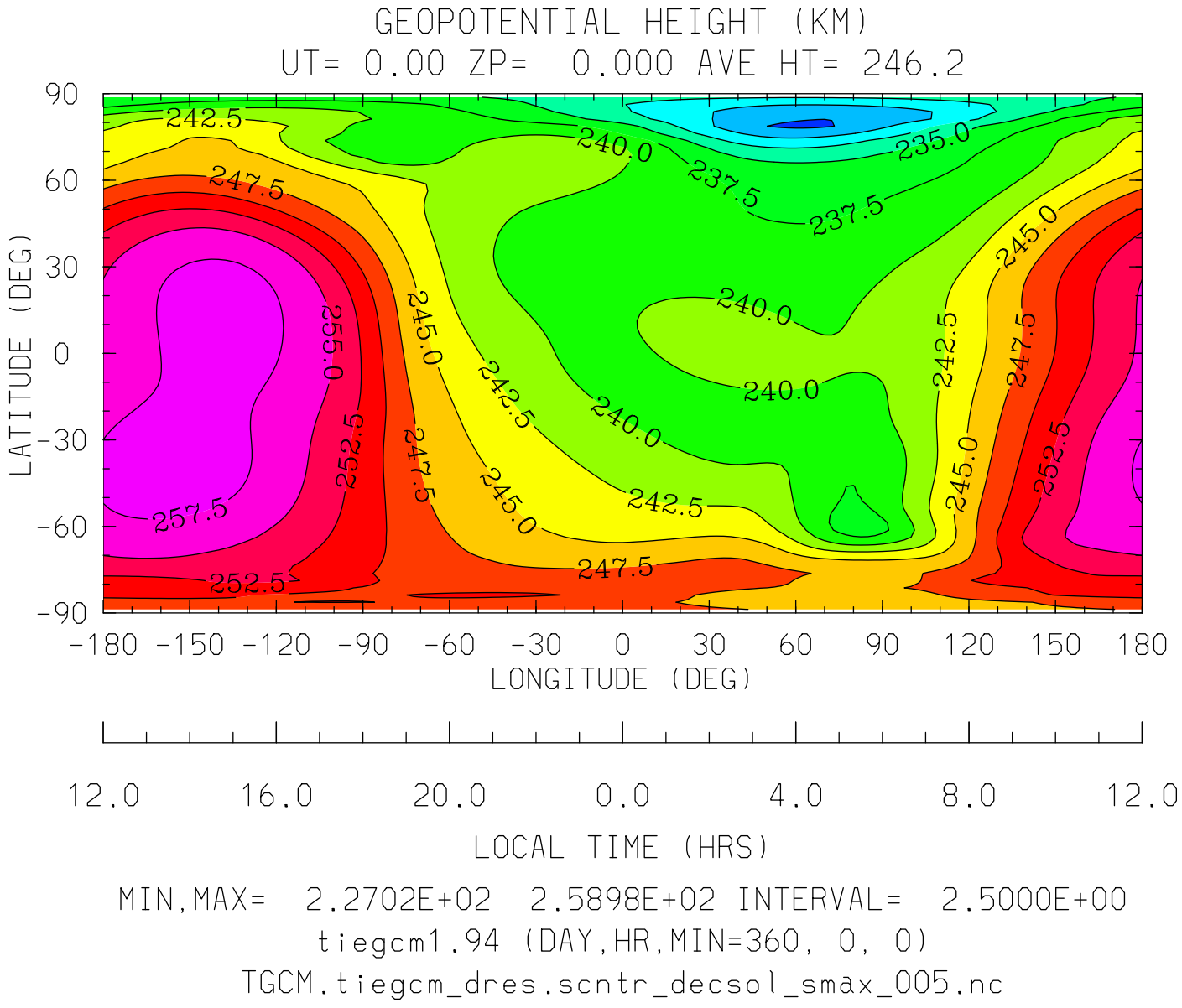
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.1705E+02 1.1948E+02 INTERVAL= 2.0000E-01

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

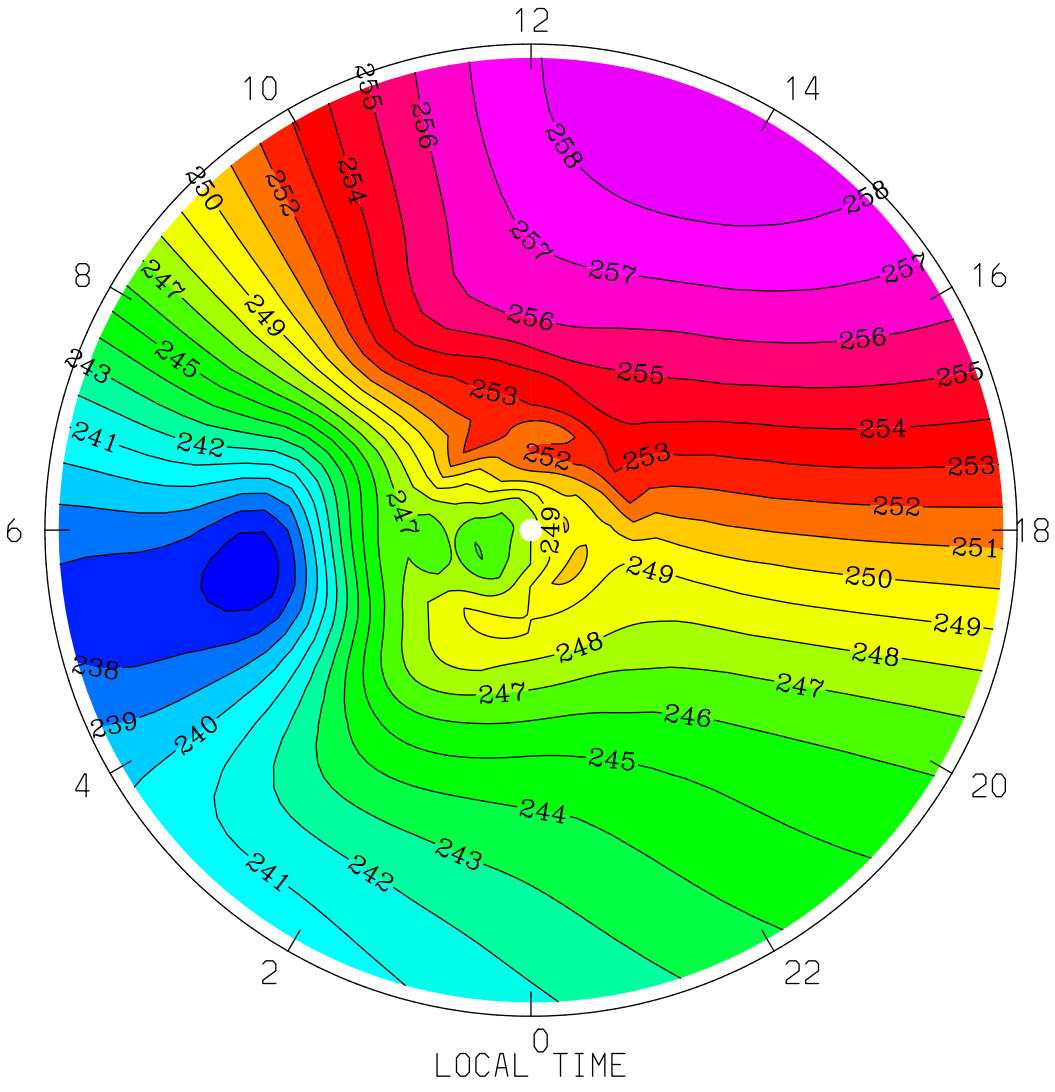
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

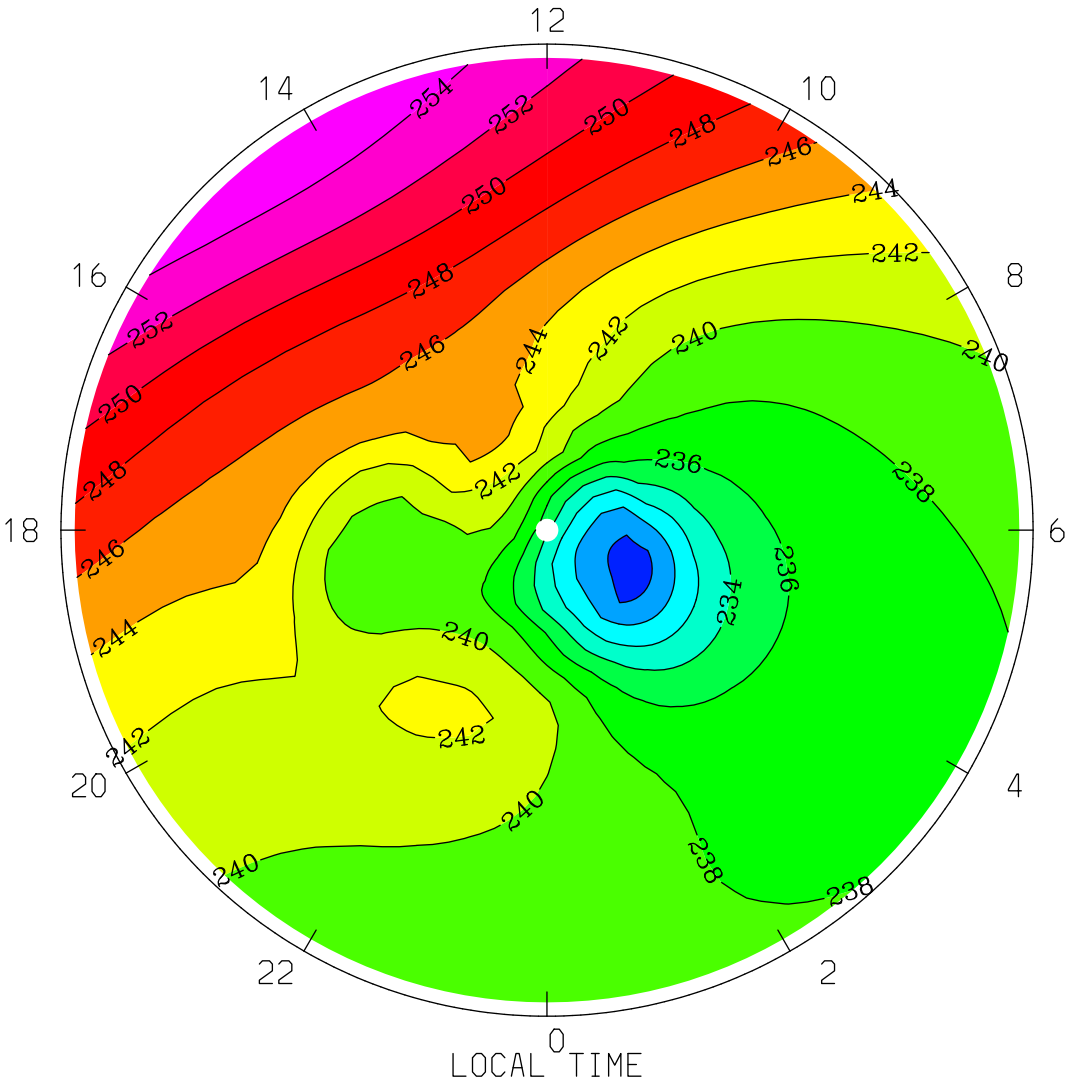


MIN,MAX= 2.2702E+02 2.5898E+02 INTERVAL= 2.5000E+00

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

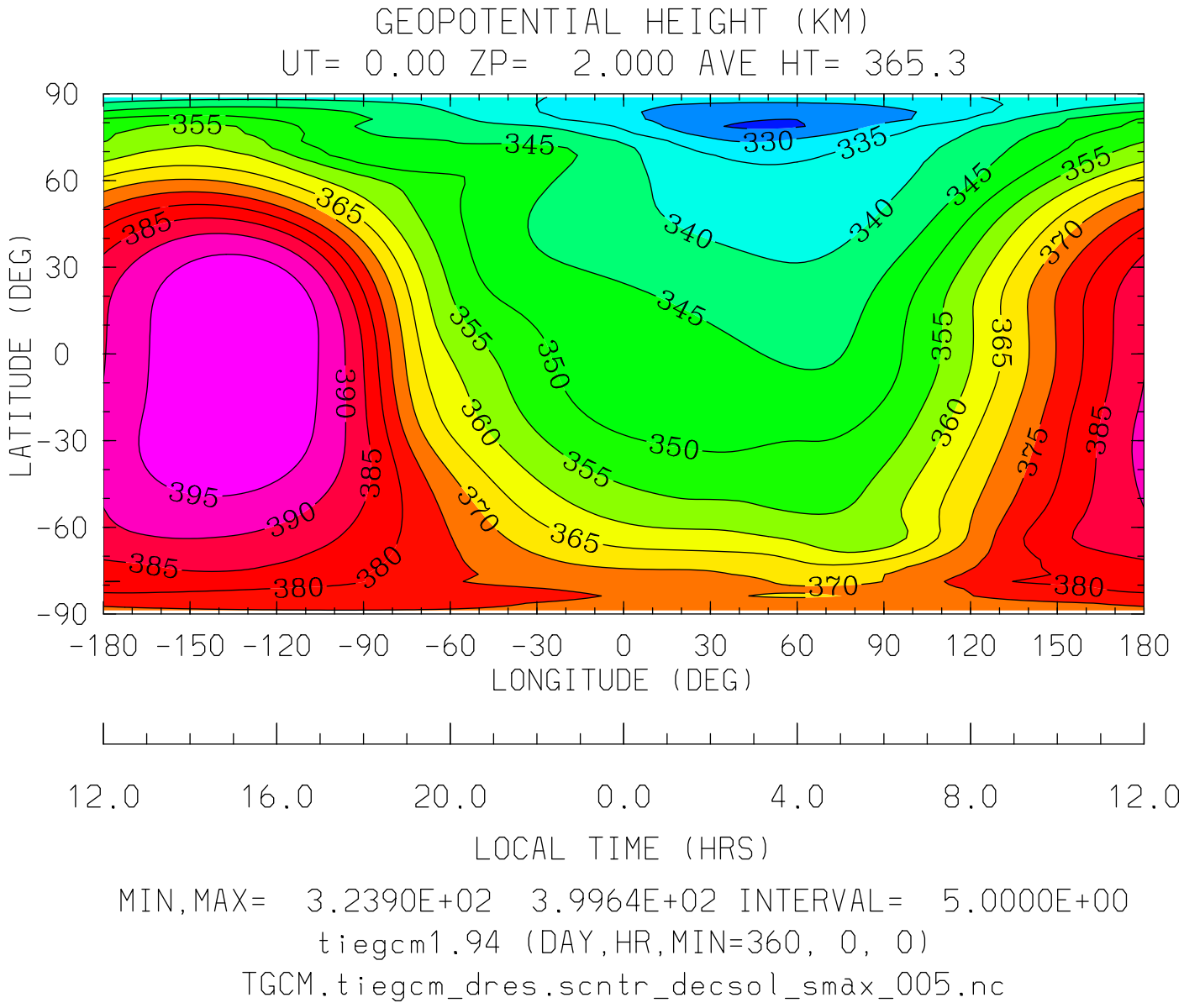

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 0.000 AVE HT= 246.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 2.3627E+02 2.5896E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

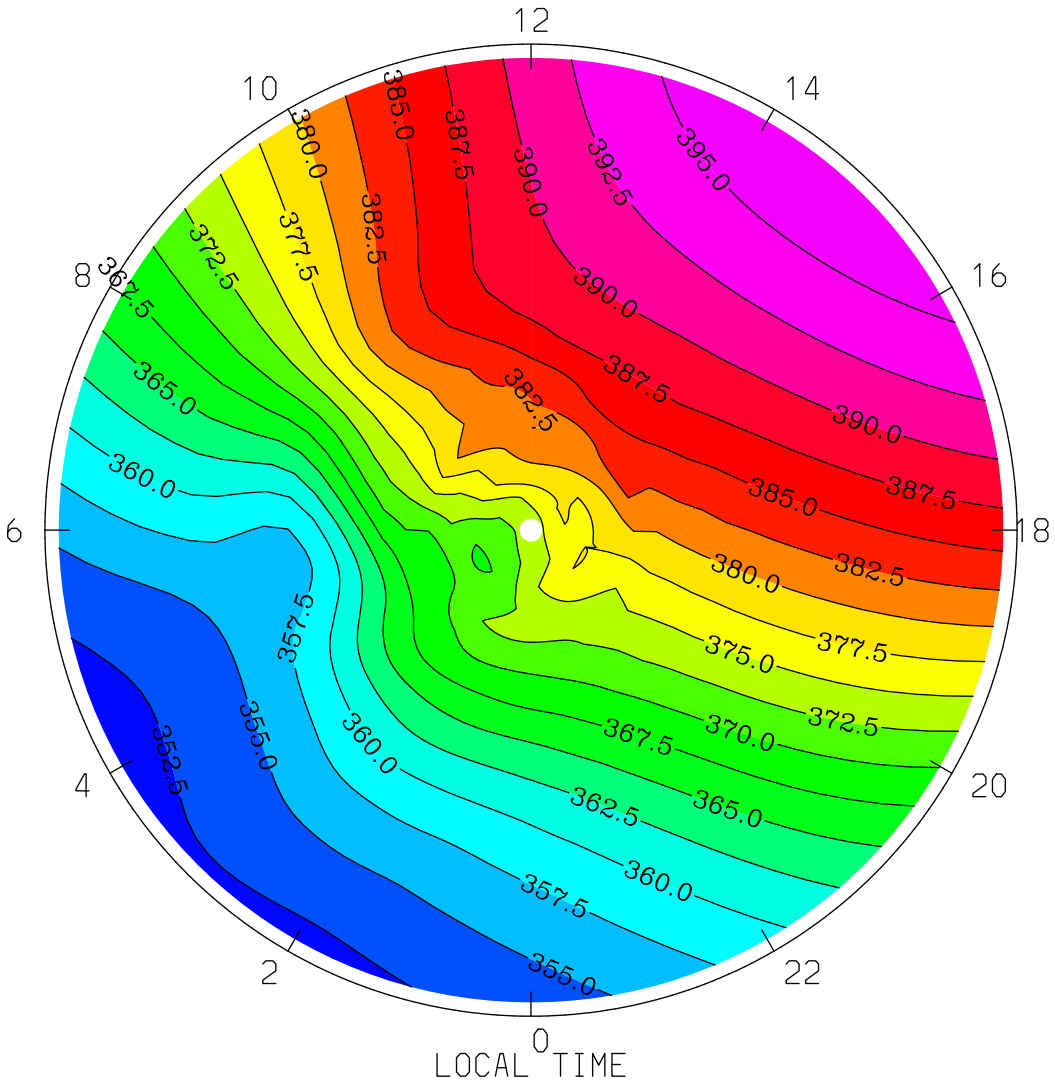


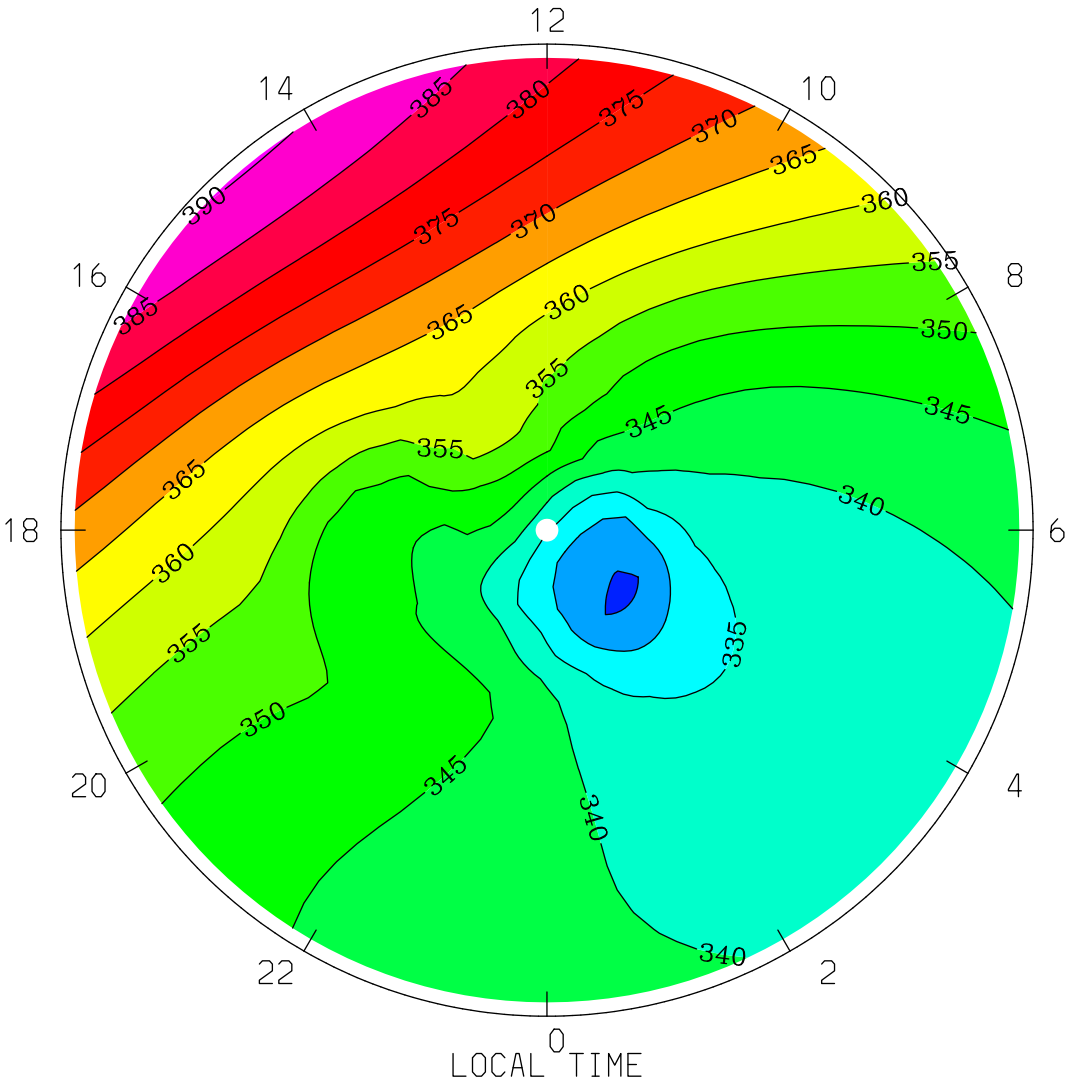
MIN,MAX= 2.2702E+02 2.5569E+02 INTERVAL= 2.0000E+00

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 2.000 AVE HT= 365.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.2390E+02 3.9964E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

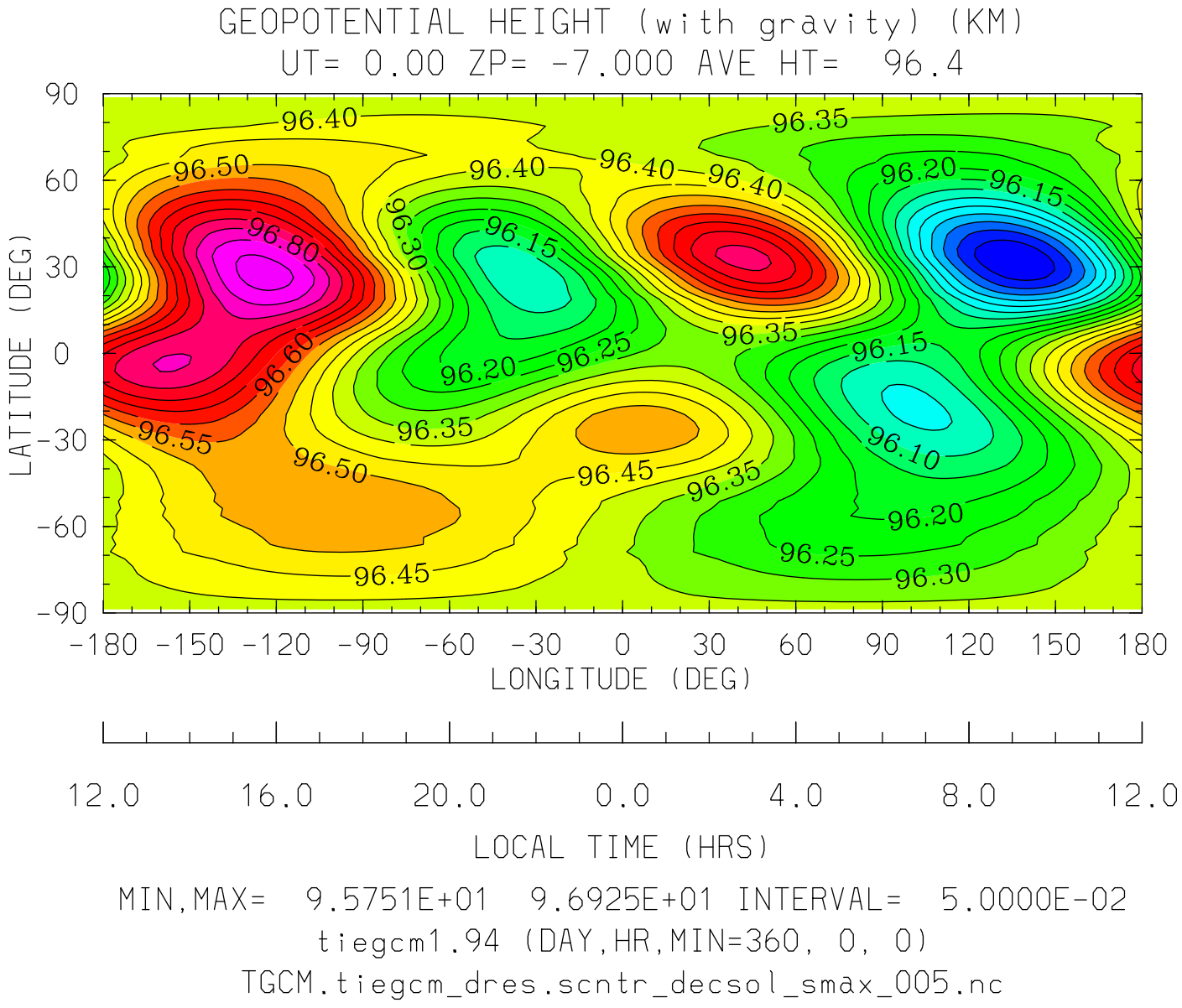

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 2.000 AVE HT= 365.3 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
385.0
387.5
390.0
392.5
395.0
380.0
382.5
377.5
372.5
367.5
365.0
360.0
357.5
355.0
352.5
MIN,MAX= 3.5161E+02 3.9718E+02 INTERVAL= 2.5000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 3.2390E+02 3.9038E+02 INTERVAL= 5.0000E+00

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

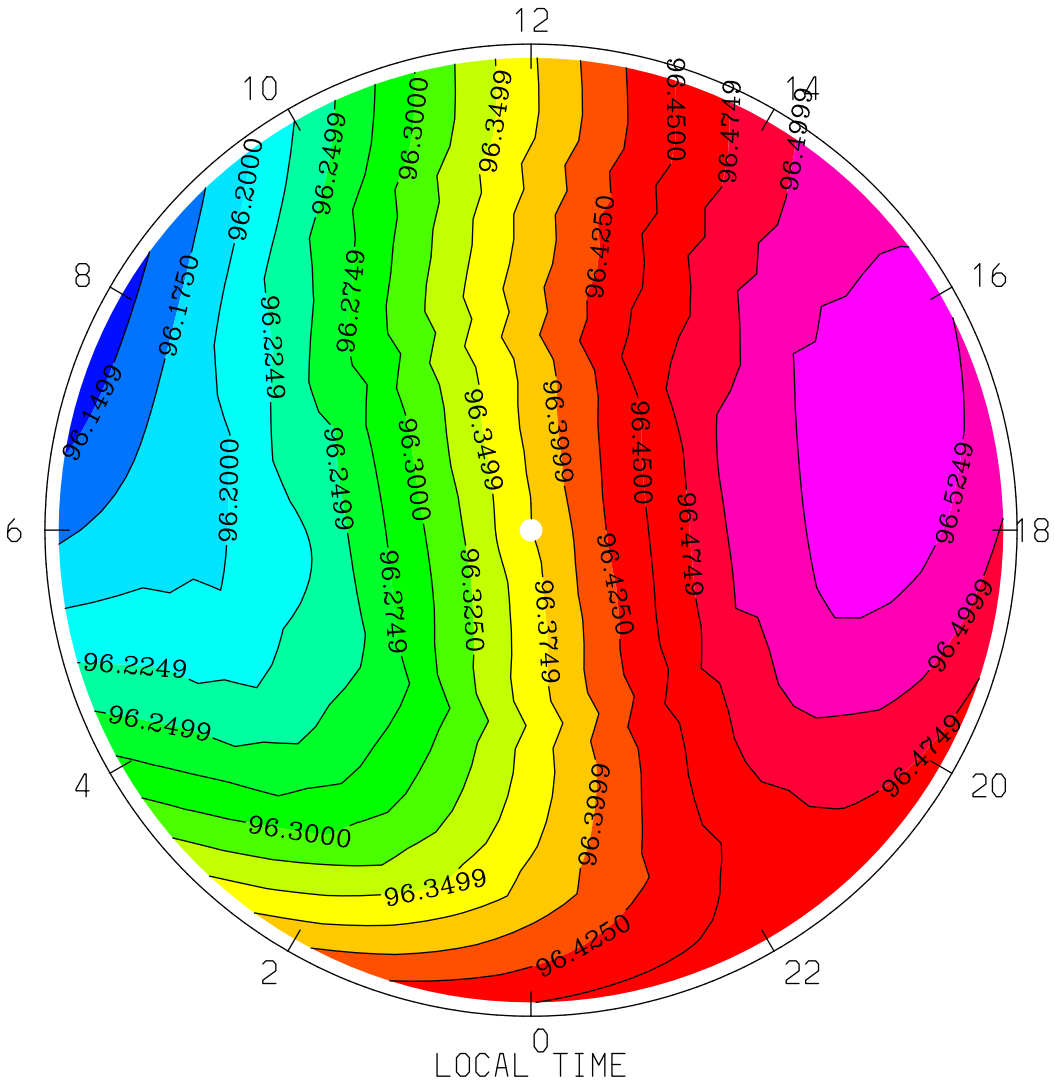
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

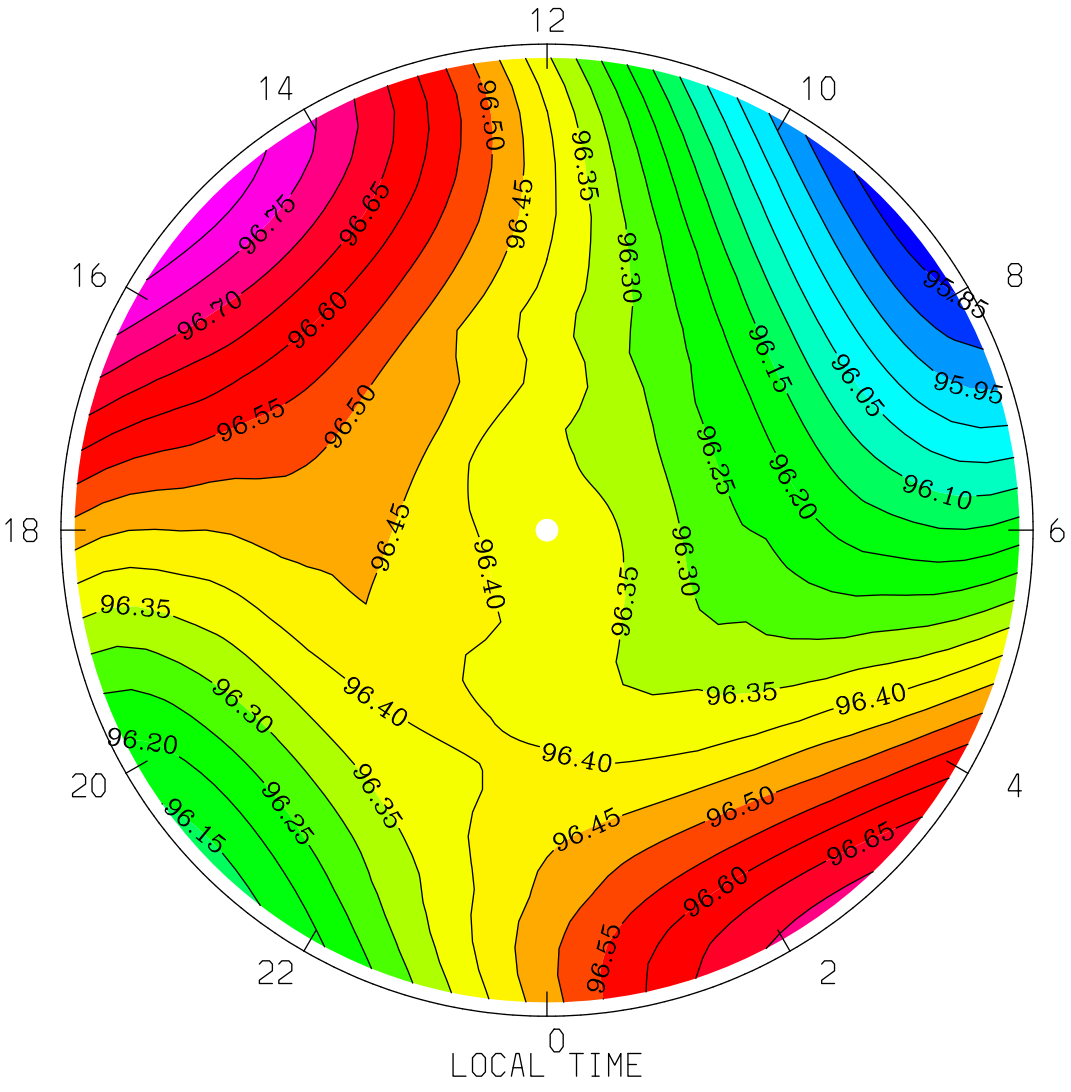


MIN,MAX= 9.5751E+01 9.6925E+01 INTERVAL= 5.0000E-02

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

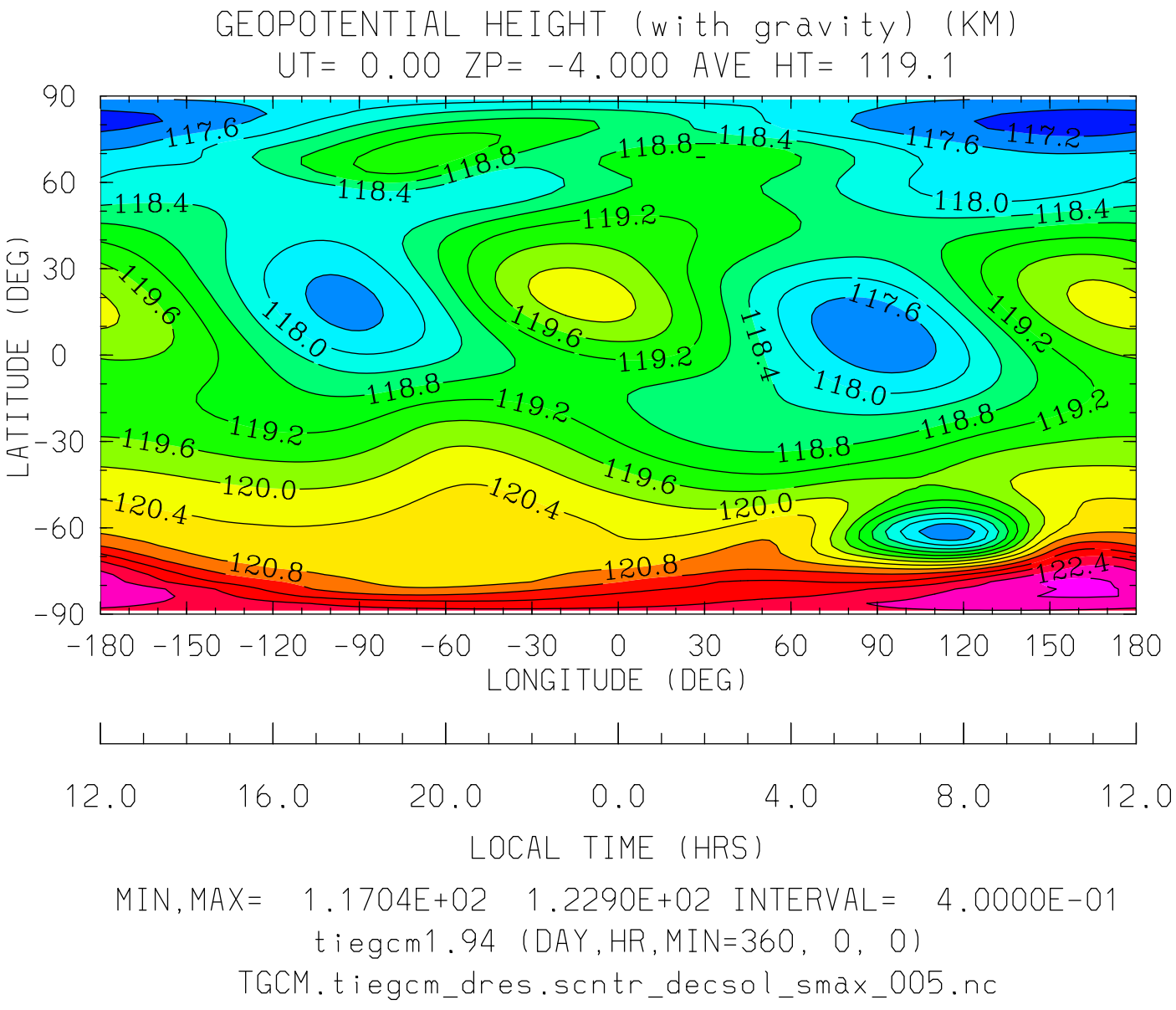

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
96.1499
96.1750
96.2000
96.2249
96.2499
96.2749
96.3000
96.3249
96.3499
96.3749
96.3999
96.4250
96.4500
96.4749
96.4999
96.5249
MIN,MAX= 9.6138E+01 9.6540E+01 INTERVAL= 2.5000E-02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

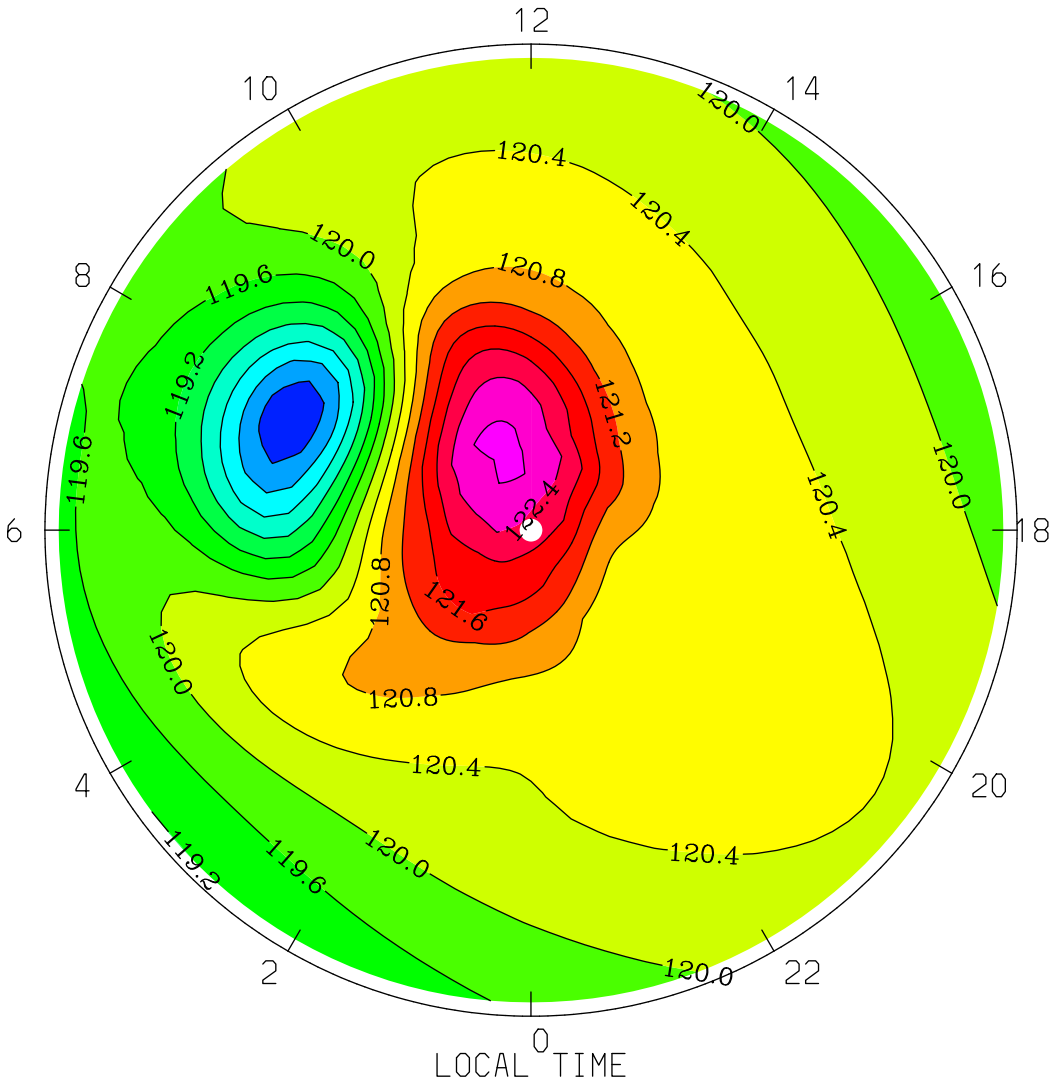


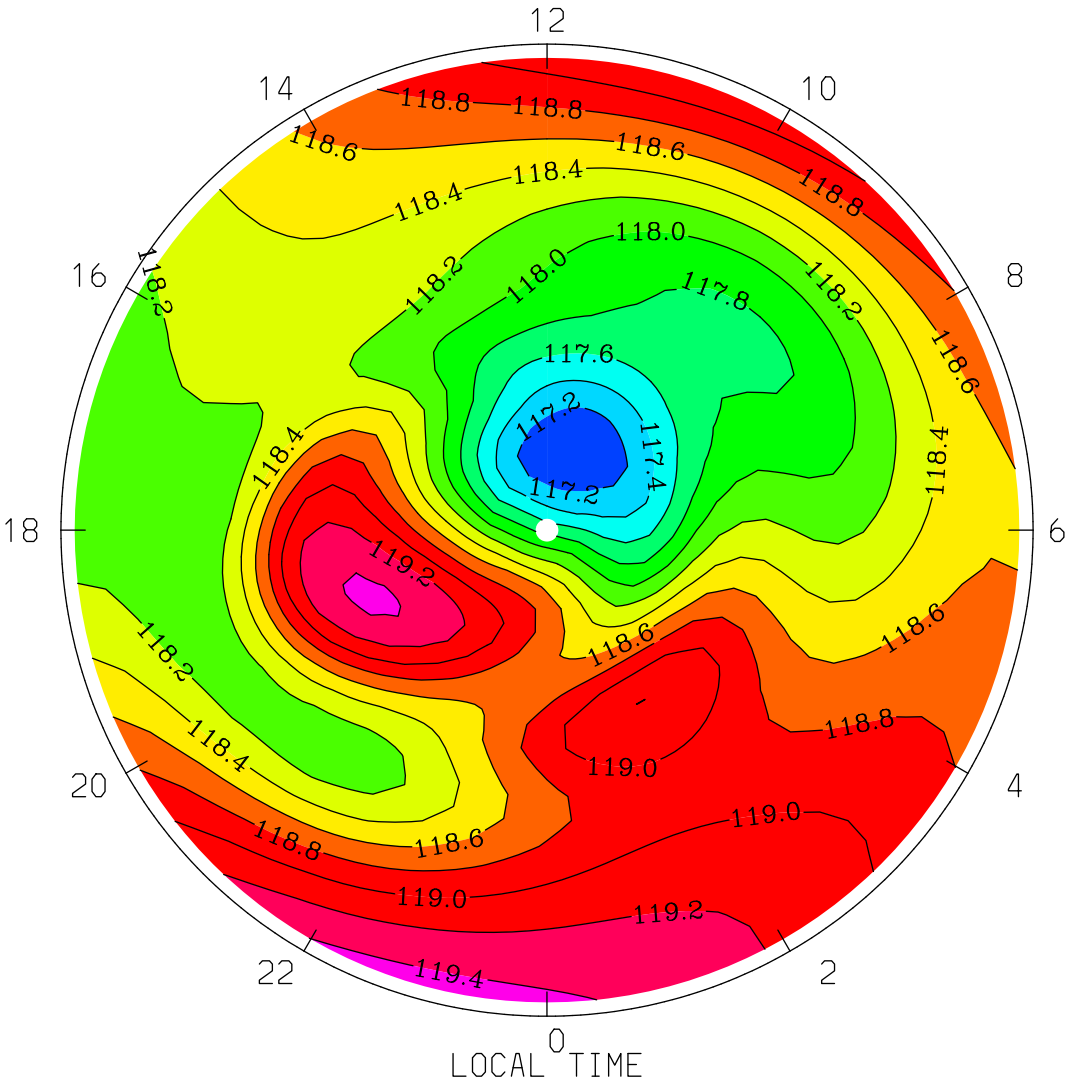
MIN,MAX= 9.5825E+01 9.6828E+01 INTERVAL= 5.0000E-02

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= -4.000 AVE HT= 119.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.1704E+02 1.2290E+02 INTERVAL= 4.0000E-01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

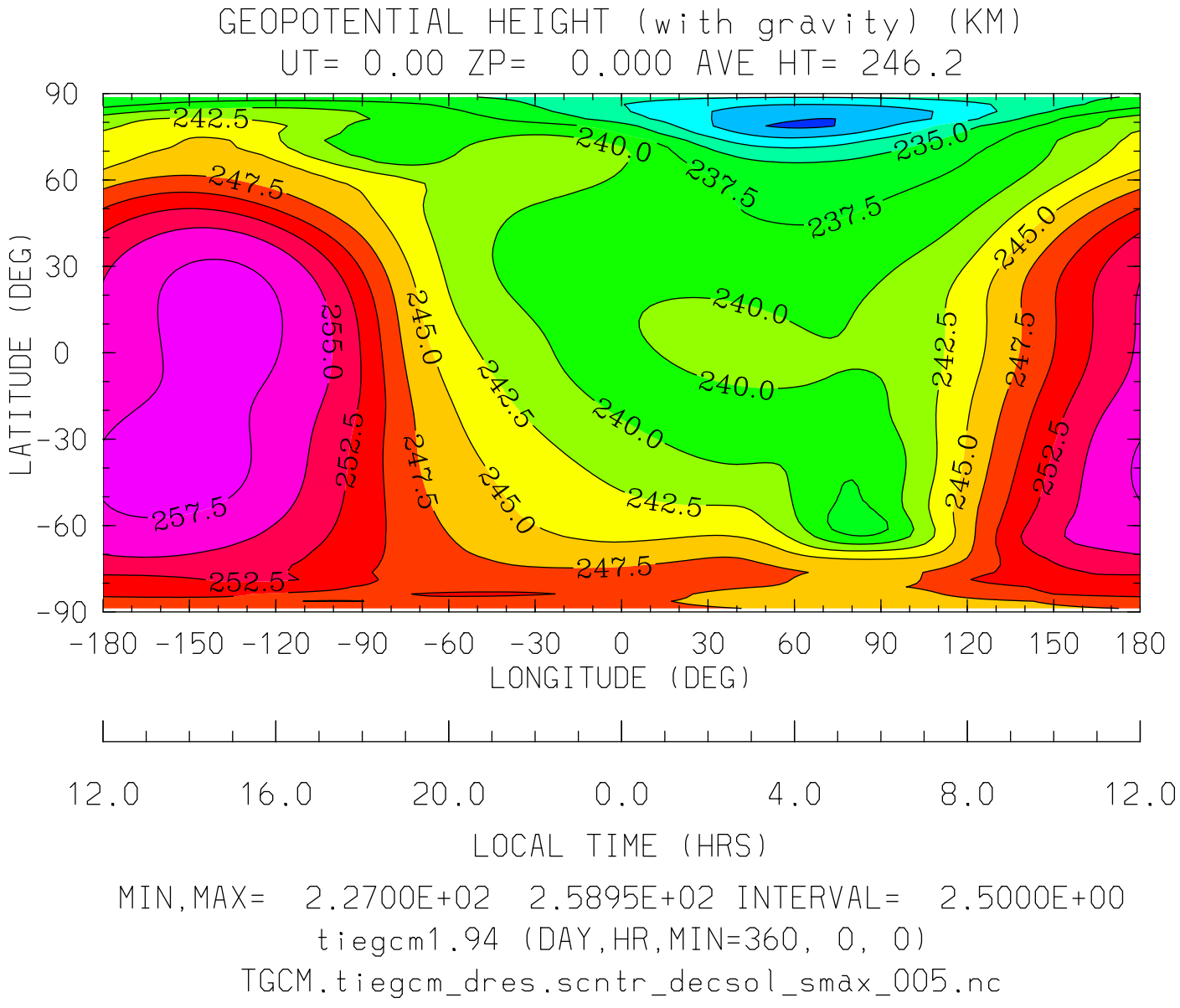

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= -4.000 AVE HT= 119.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
120.0
120.4
120.8
121.2
121.6
122.4
119.6
119.2
MIN,MAX= 1.1729E+02 1.2290E+02 INTERVAL= 4.0000E-01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc



MIN,MAX= 1.1704E+02 1.1948E+02 INTERVAL= 2.0000E-01

tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

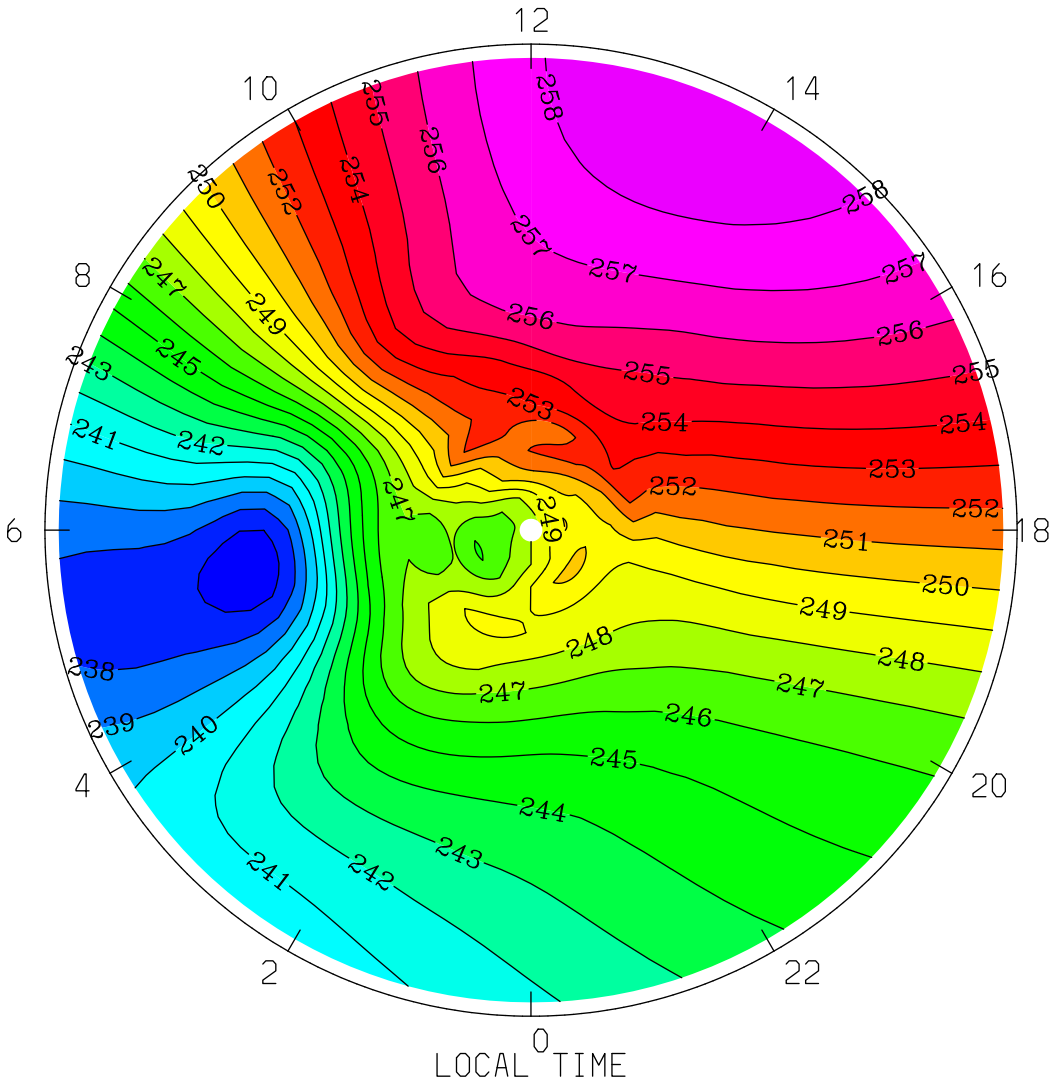
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc

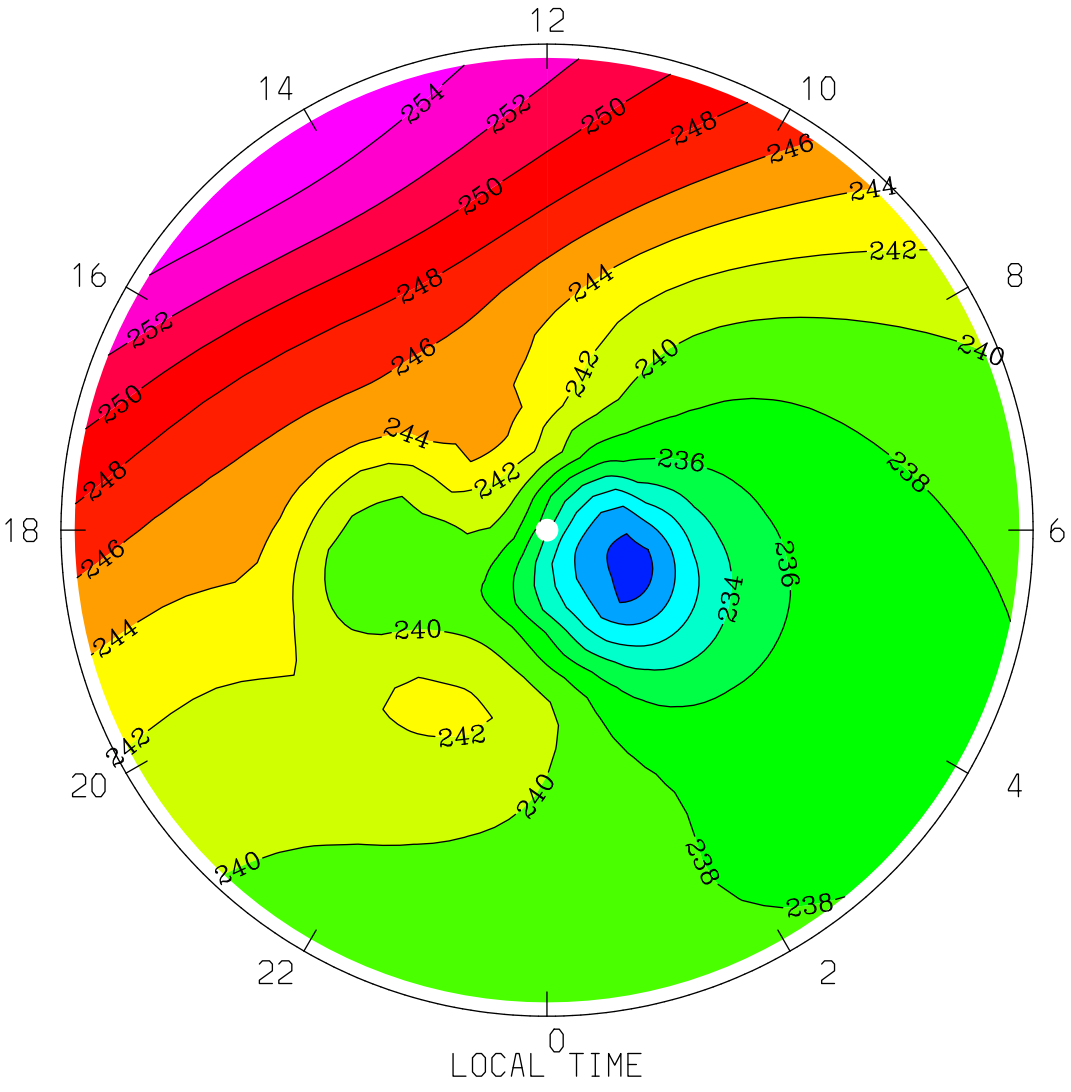


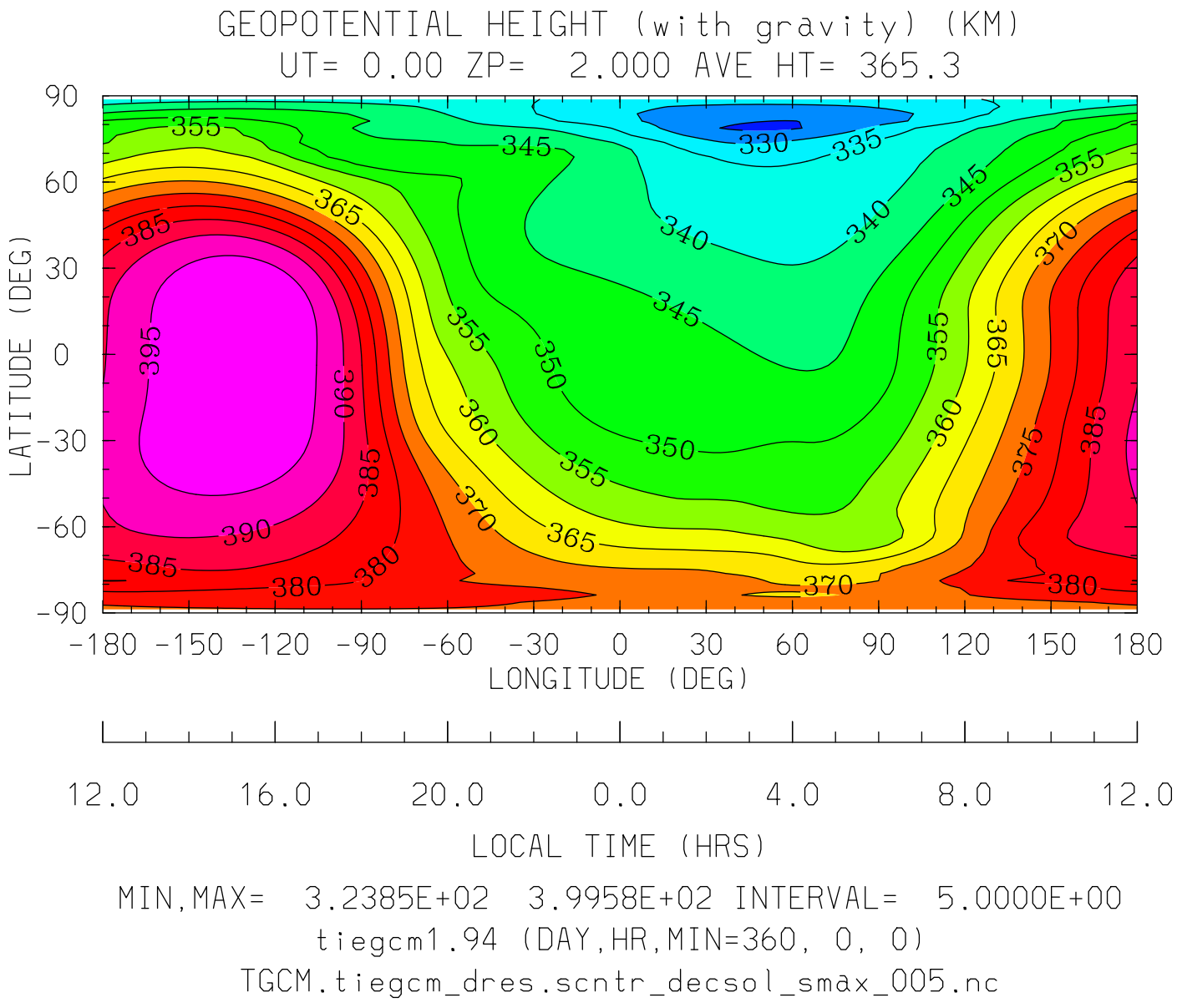
MIN,MAX= 2.2700E+02 2.5895E+02 INTERVAL= 2.5000E+00

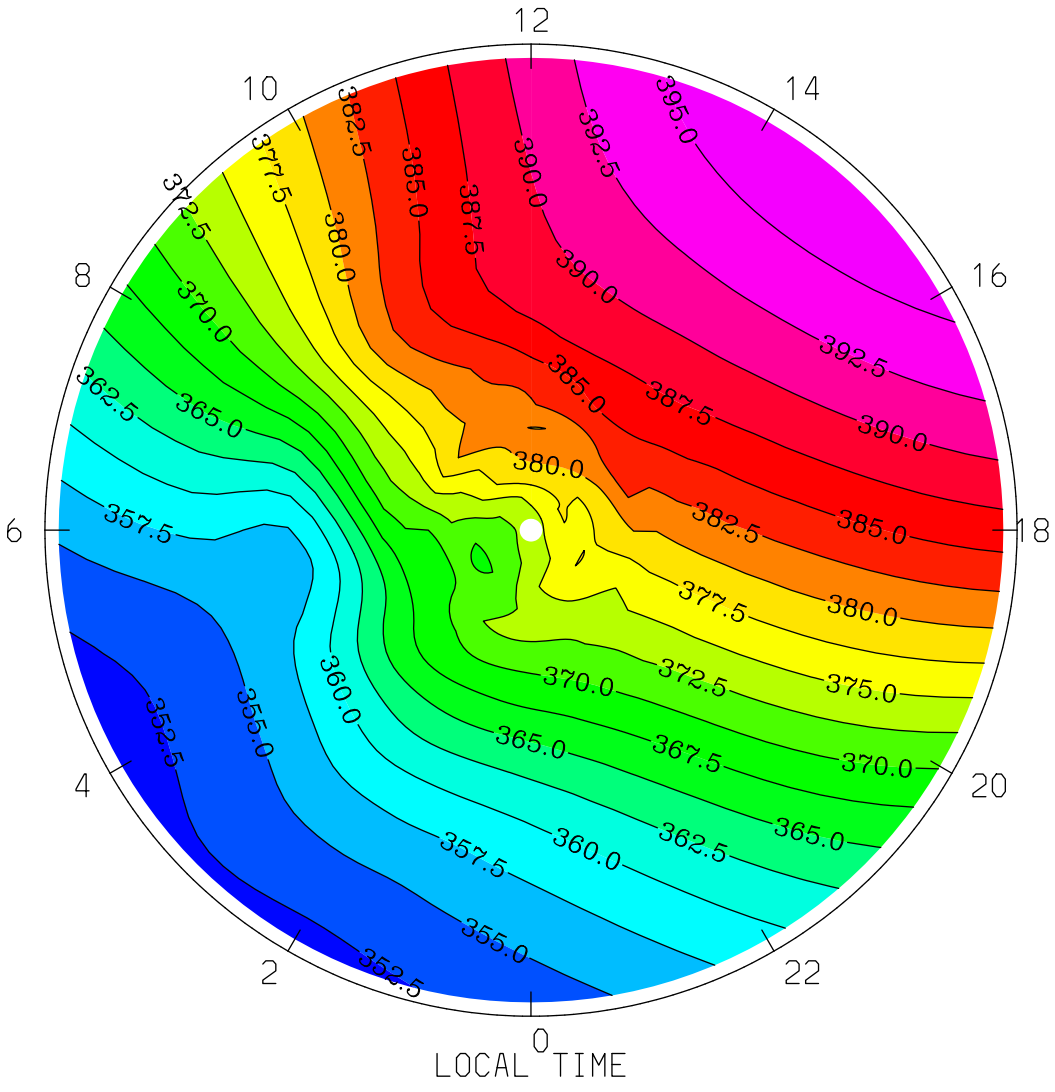
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

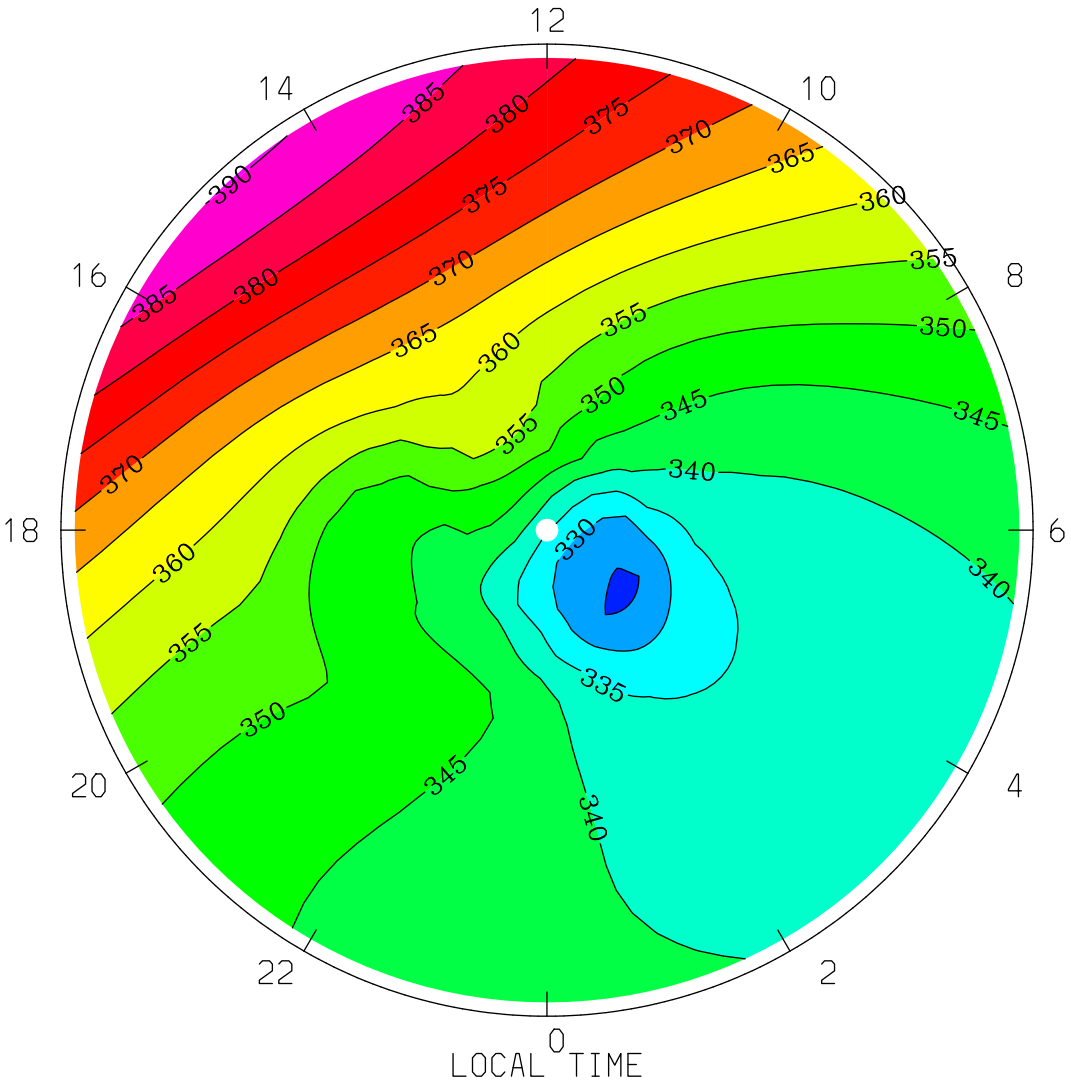
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 0.000 AVE HT= 246.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 2.3622E+02 2.5893E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 0.000 AVE HT= 246.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
254
252
250
248
246
244
242
240
238
236
234
LOCAL TIME
MIN,MAX= 2.2700E+02 2.5567E+02 INTERVAL= 2.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 365.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.2385E+02 3.9958E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 365.3 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 3.5154E+02 3.9712E+02 INTERVAL= 2.5000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 365.3 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 3.2385E+02 3.9032E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smax_005.nc