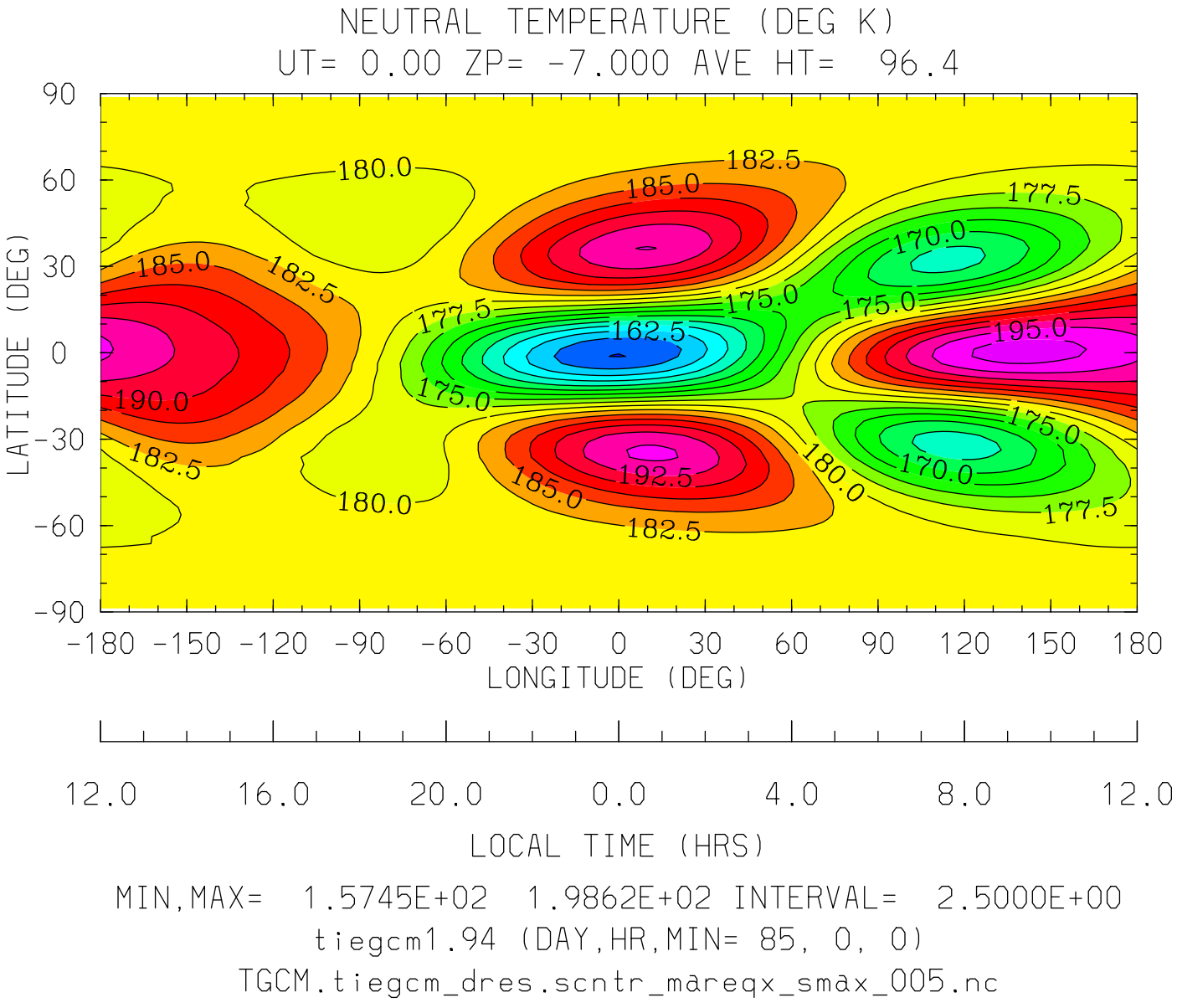
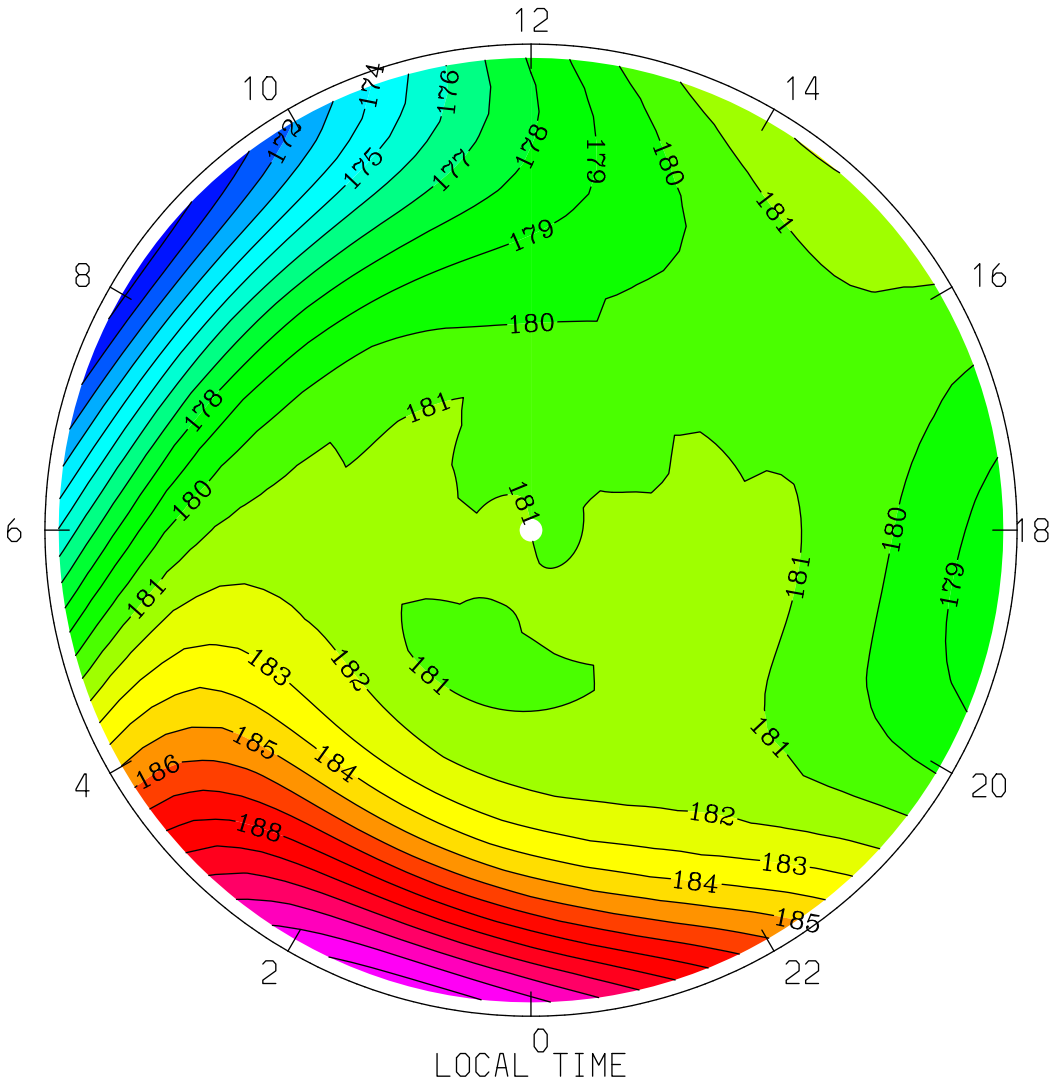
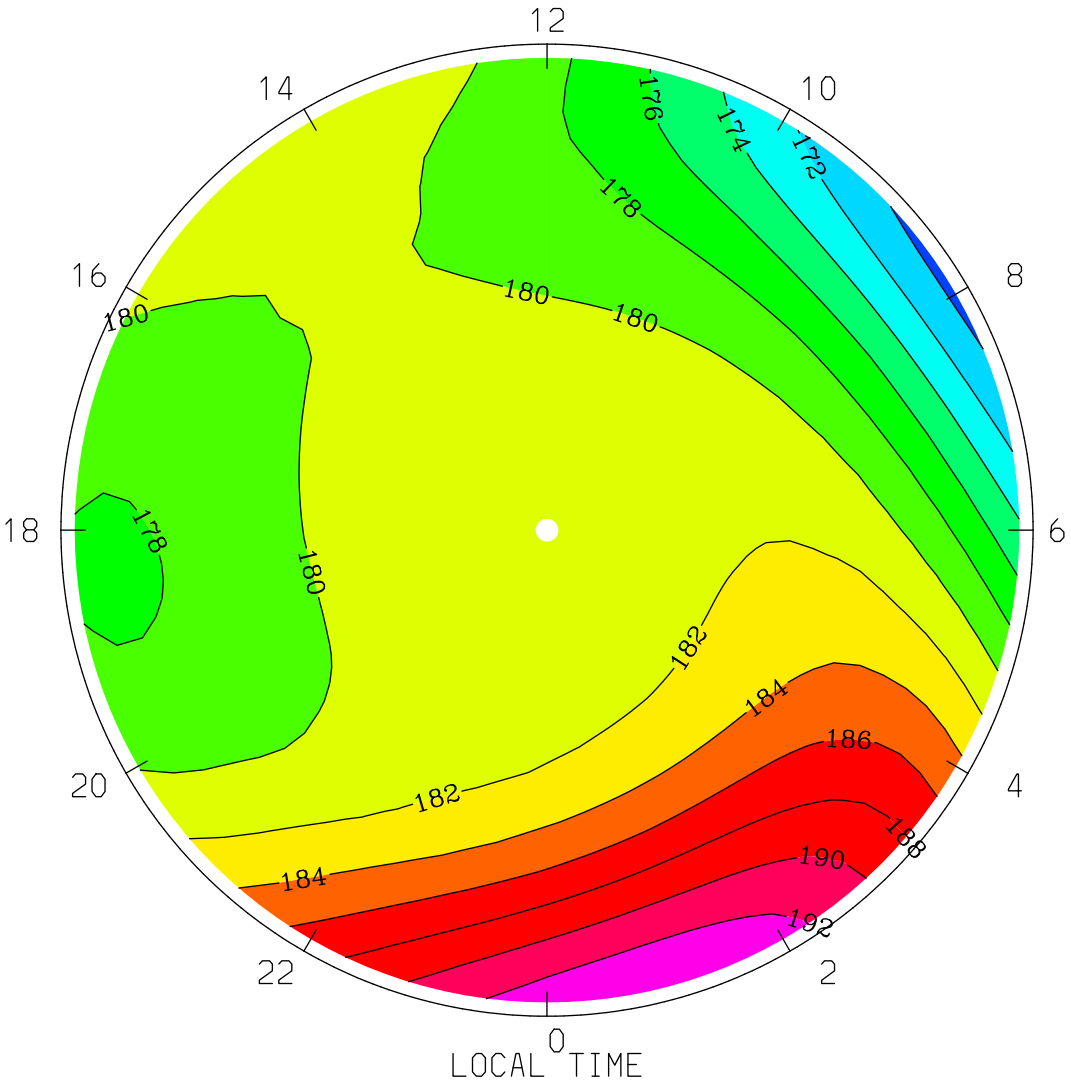


MIN,MAX= 1.5745E+02 1.9862E+02 INTERVAL= 2.5000E+00

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

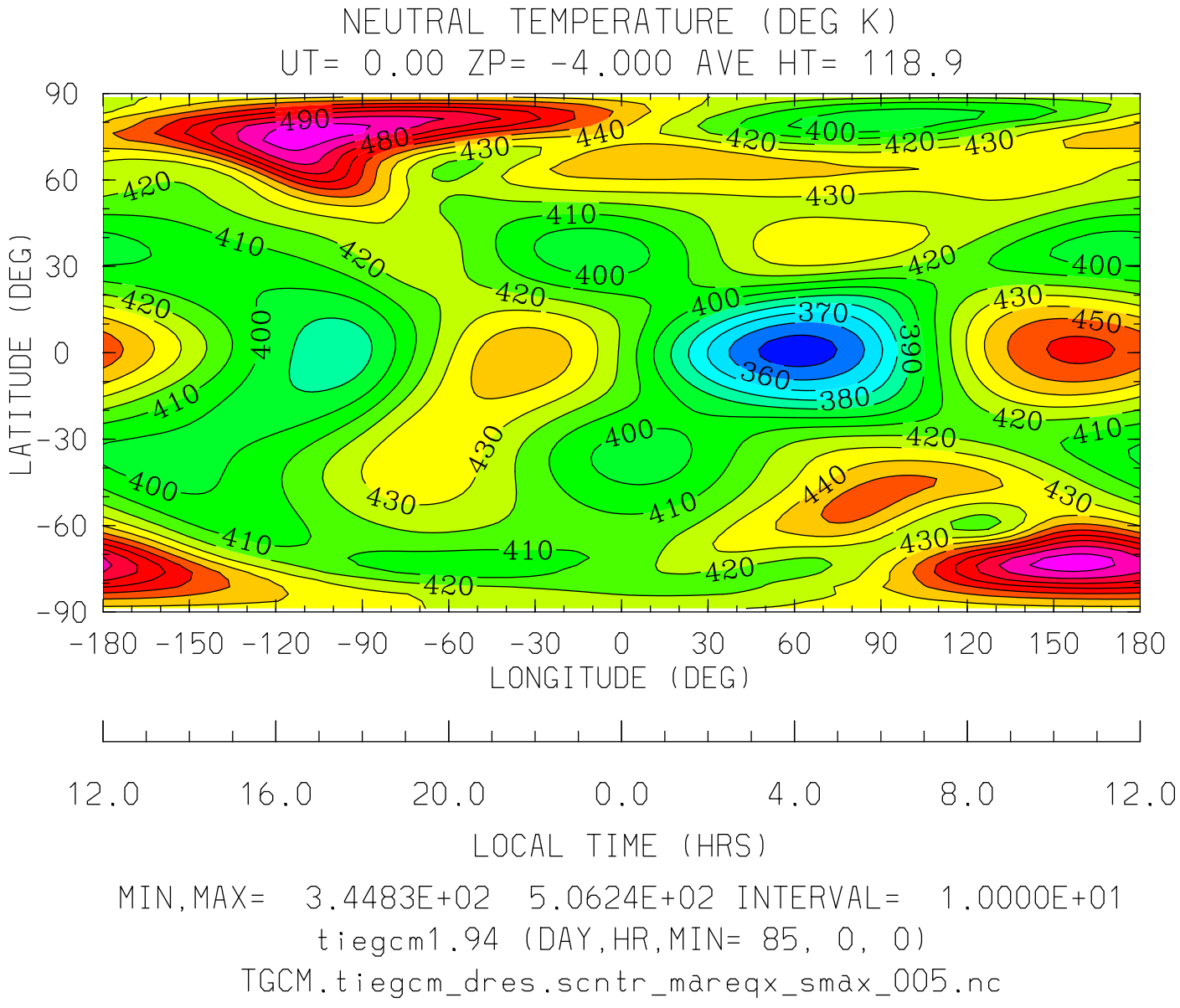

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 1.6966E+02 1.9343E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

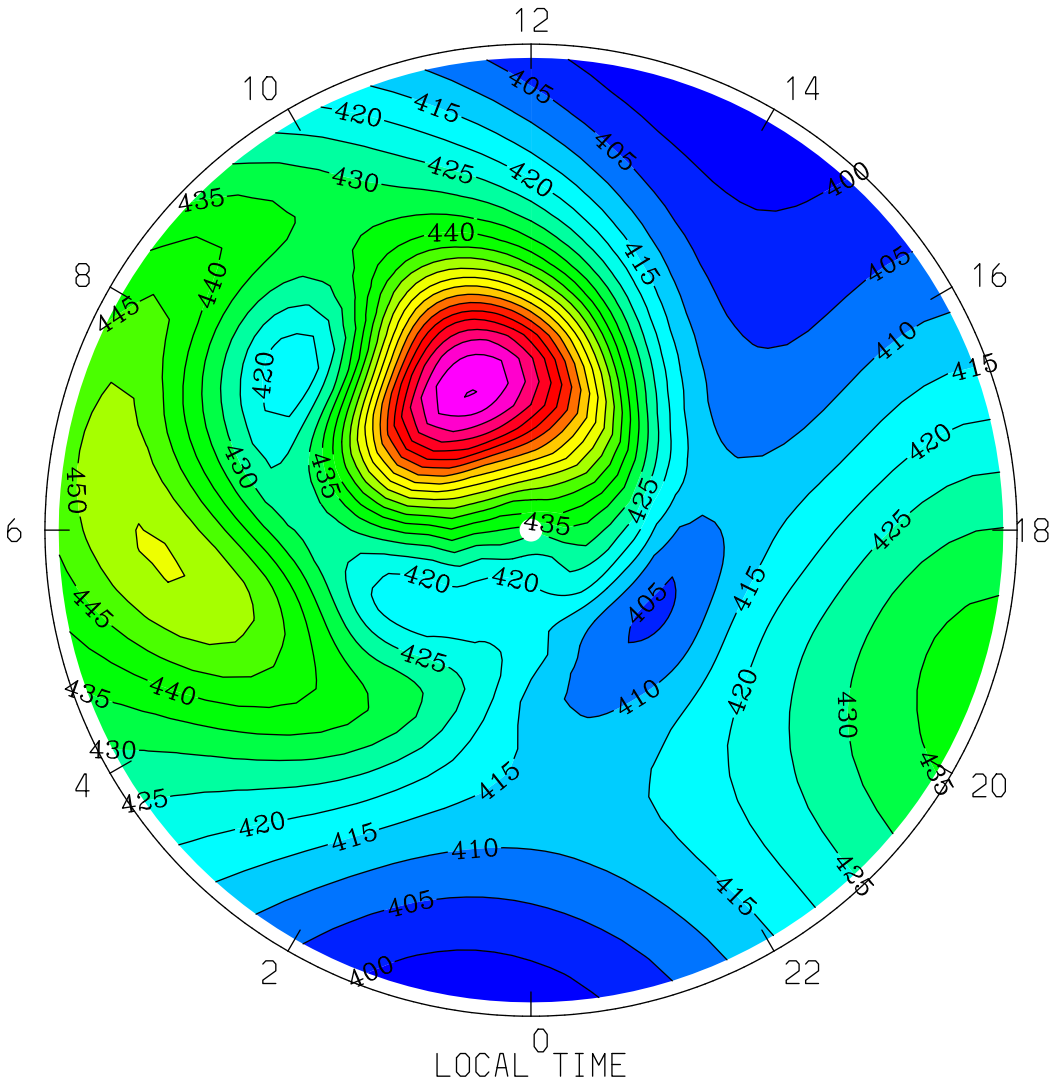


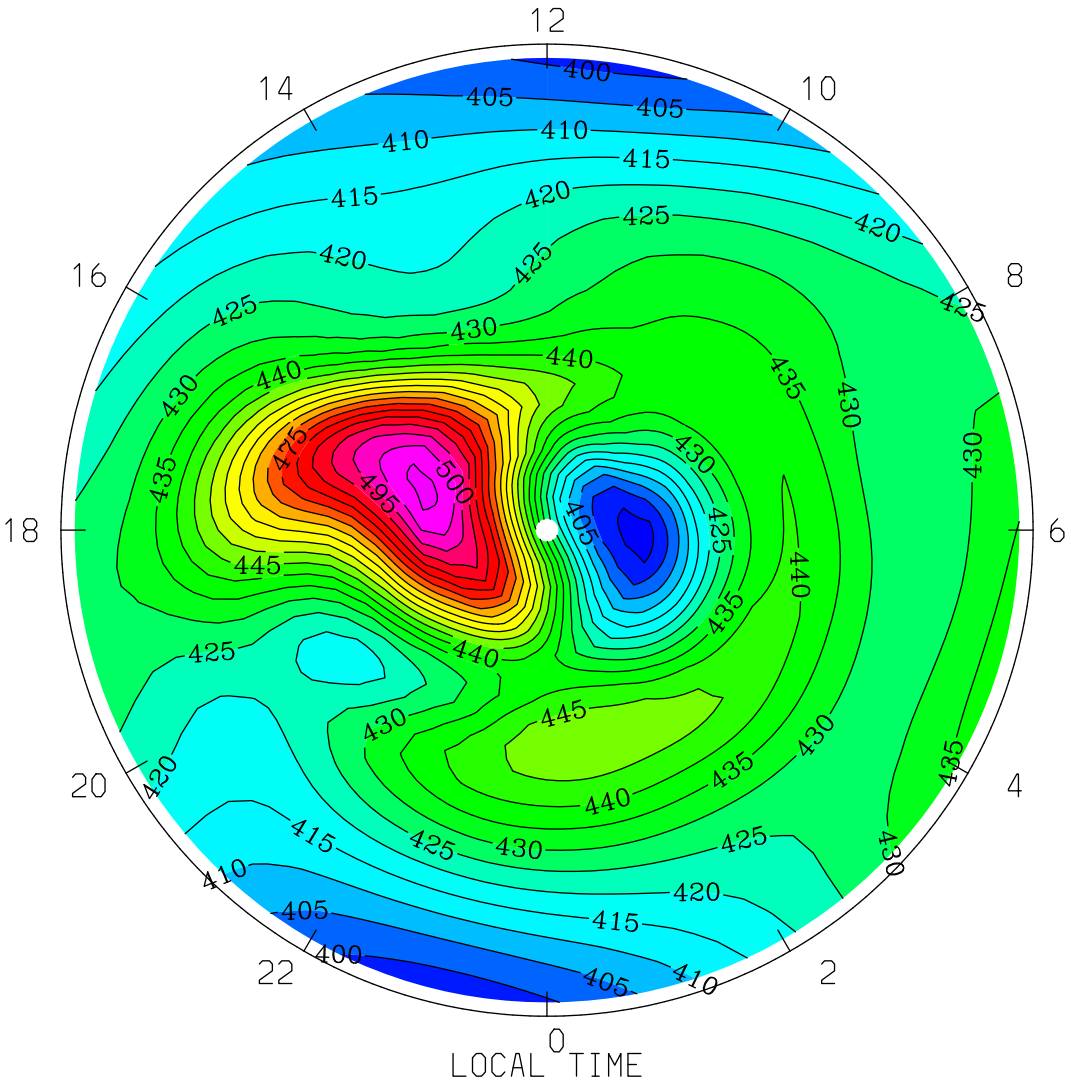
MIN,MAX= 1.6952E+02 1.9399E+02 INTERVAL= 2.0000E+00

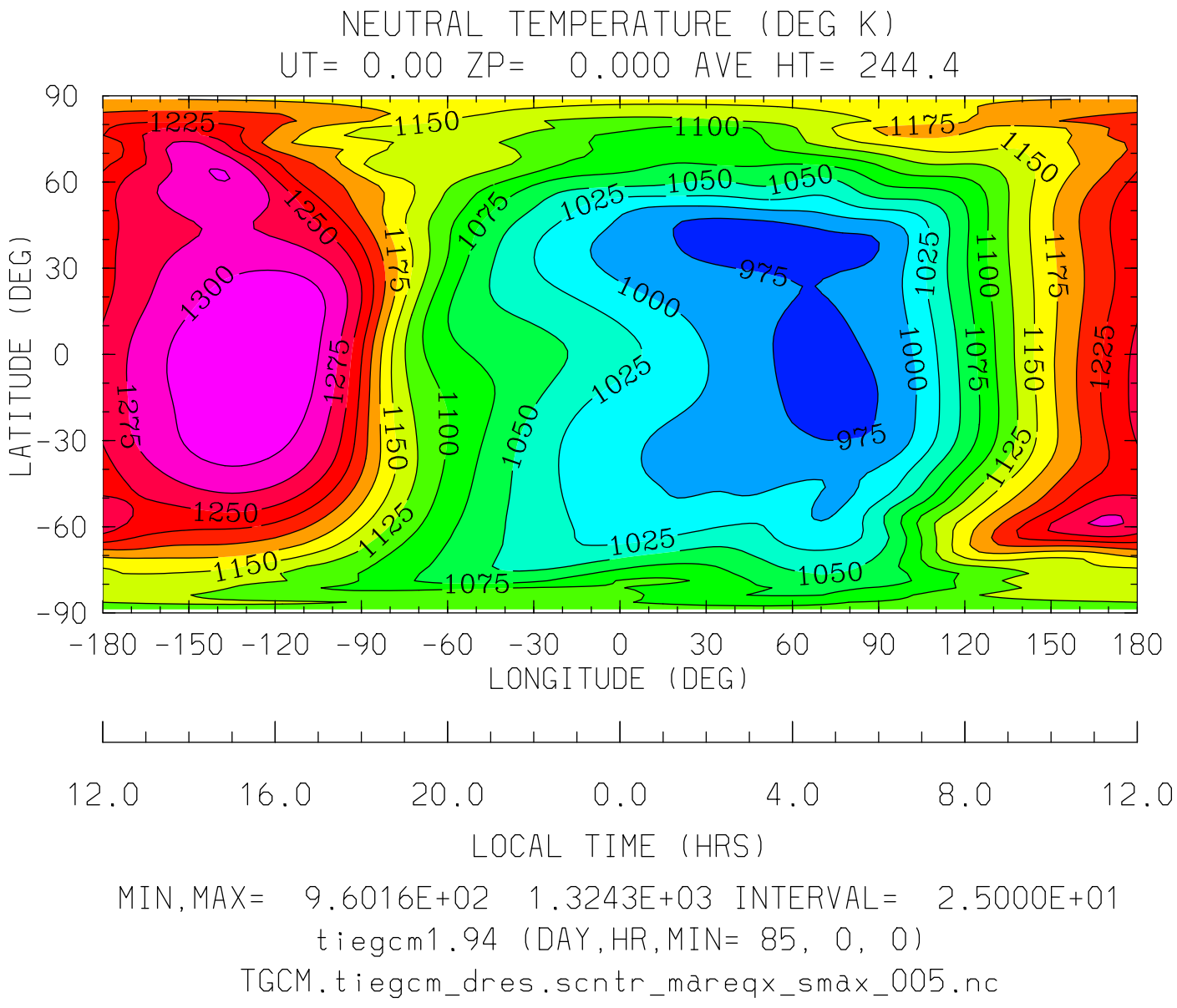
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

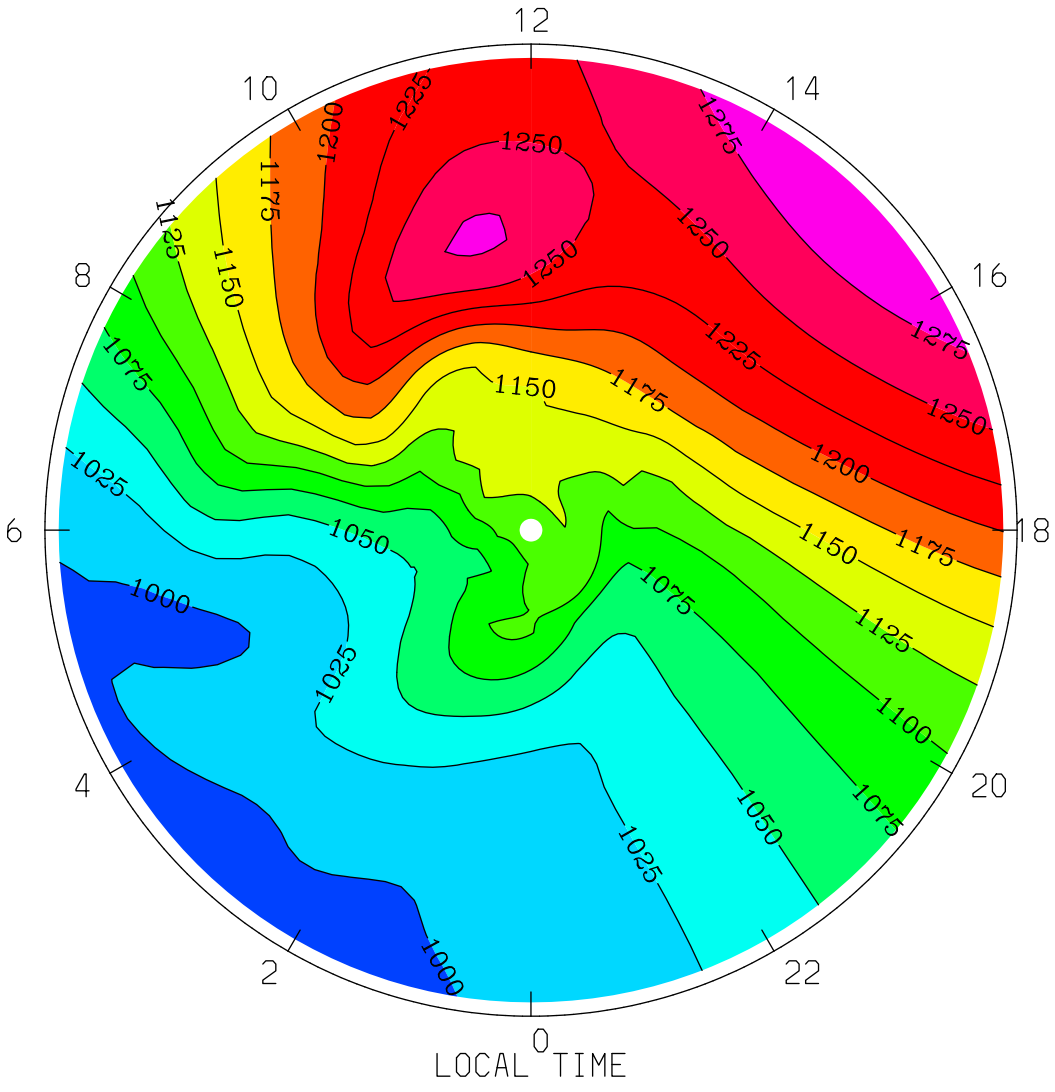
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

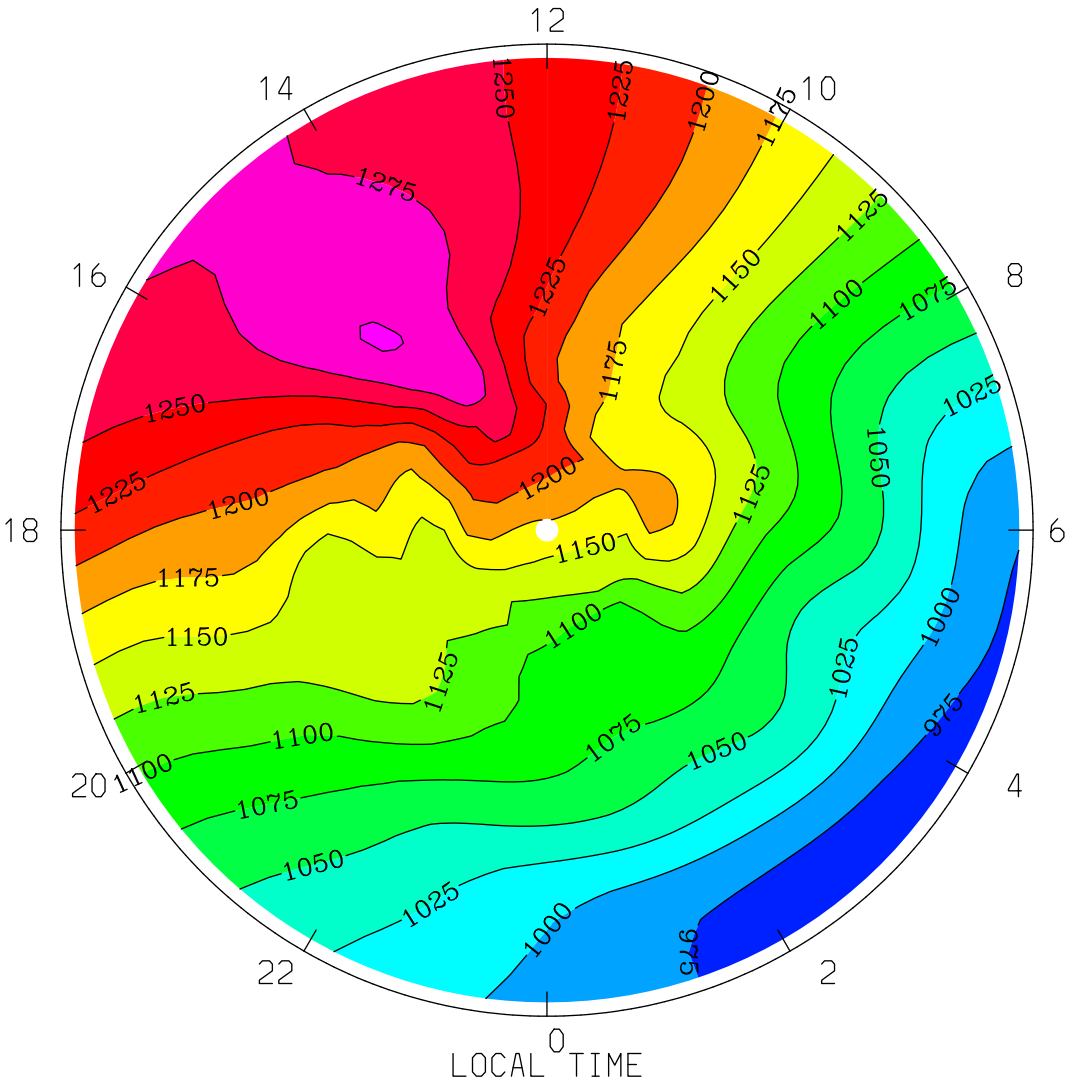

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.000 AVE HT= 118.9
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.4483E+02 5.0624E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 3.9669E+02 5.0516E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 3.9349E+02 5.0624E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 0.000 AVE HT= 244.4
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= 9.6016E+02 1.3243E+03 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

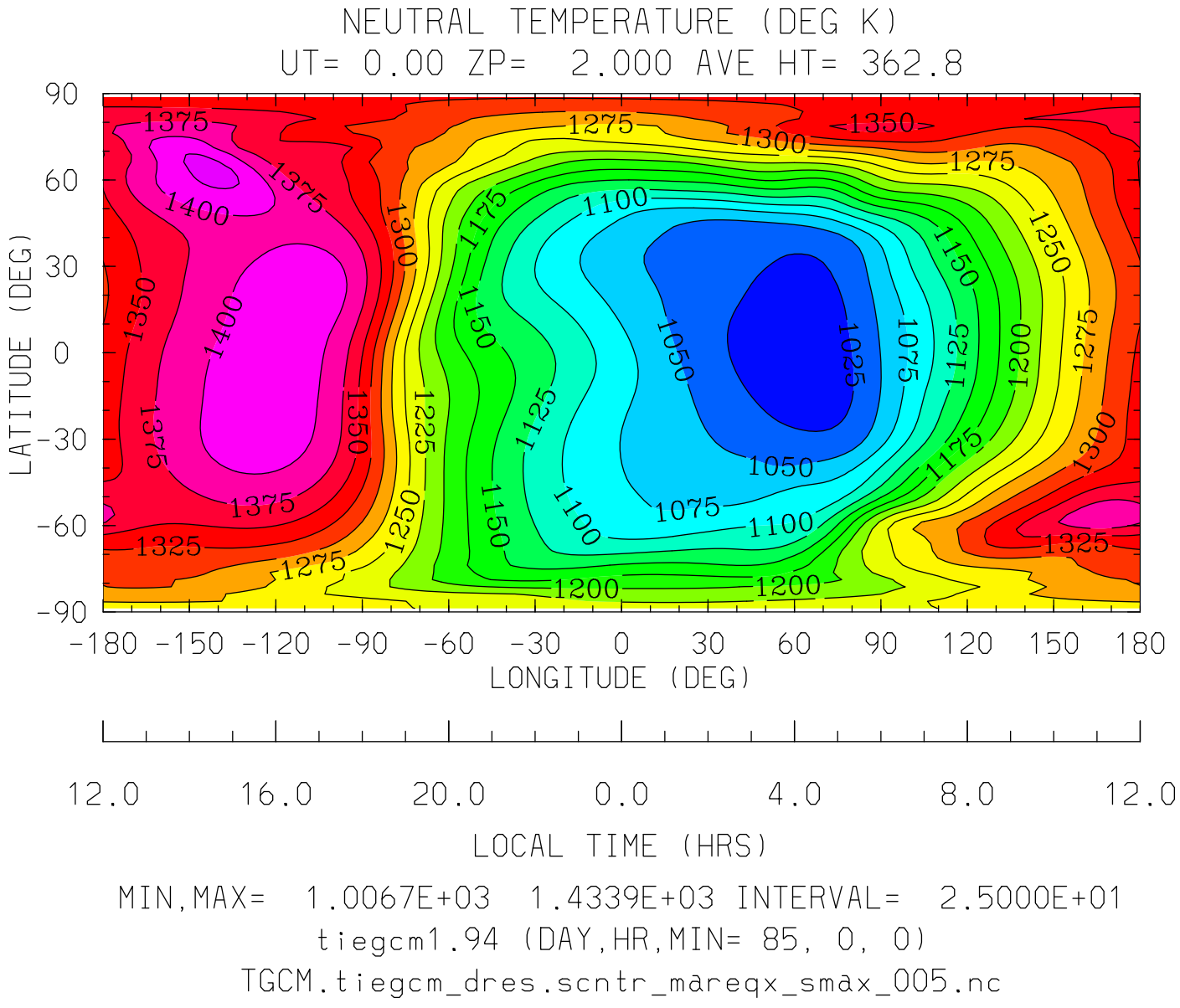

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
1000
1025
1050
1075
1100
1125
1150
1175
1200
1225
1250
1275
LOCAL TIME
MIN,MAX= 9.8880E+02 1.2952E+03 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

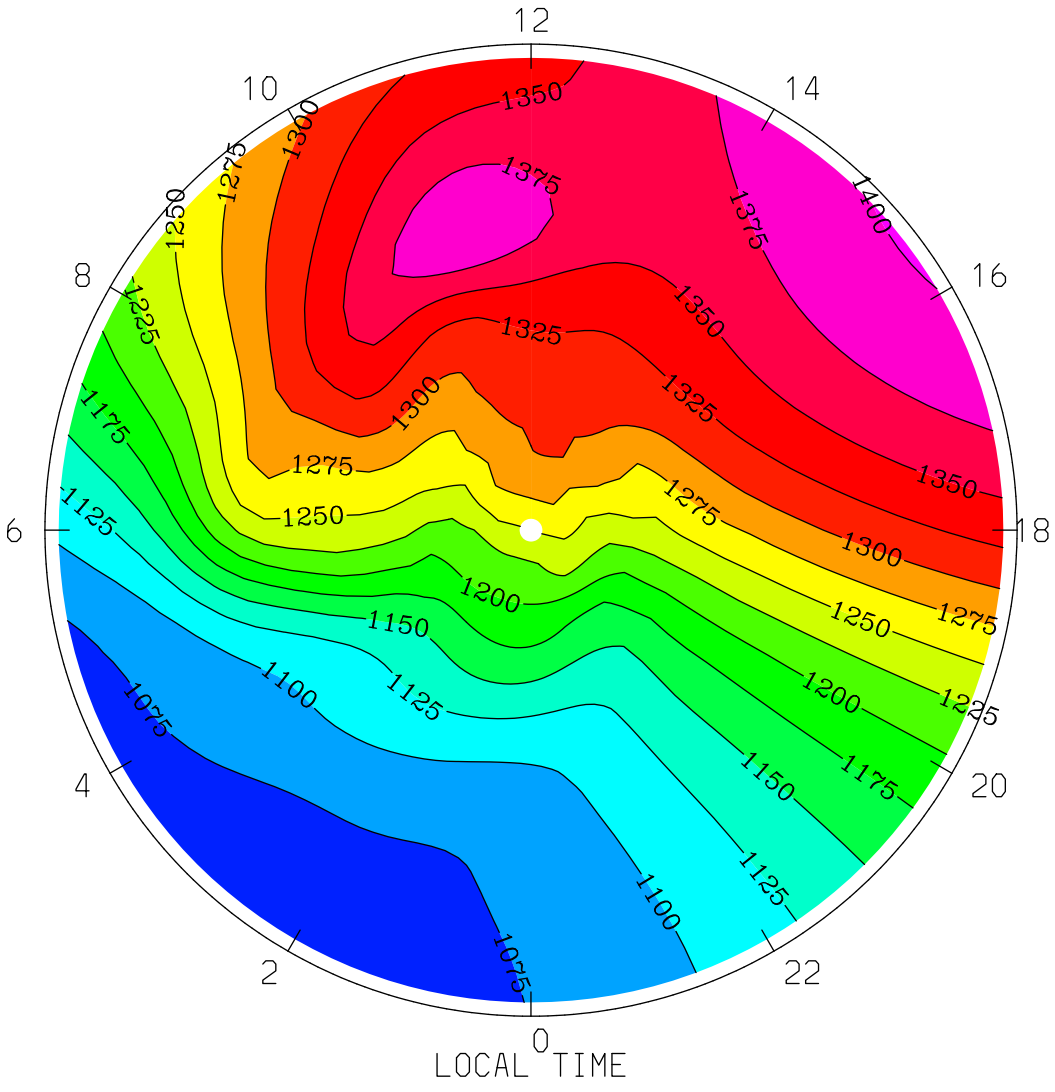


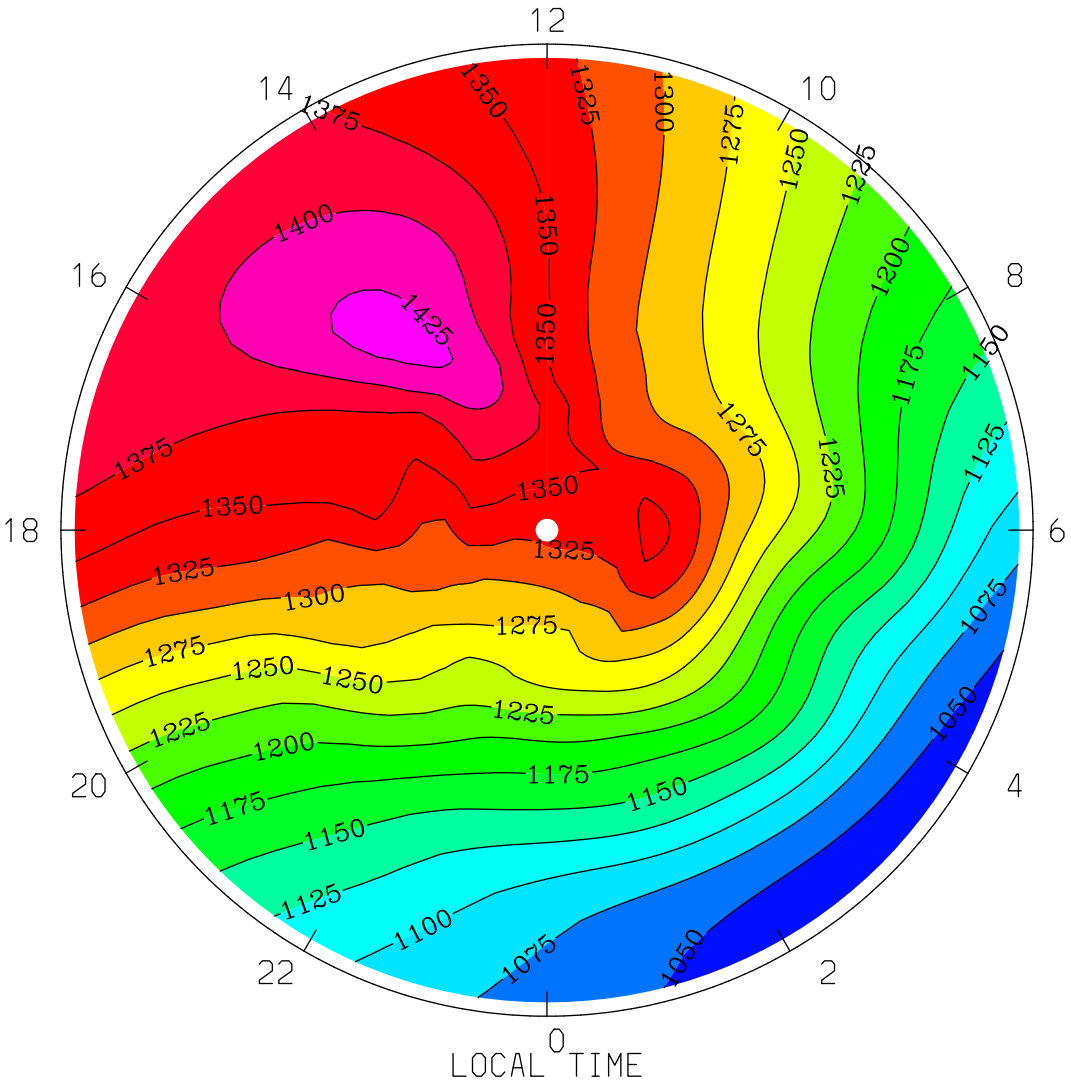
MIN,MAX= 9.6016E+02 1.3016E+03 INTERVAL= 2.5000E+01

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 2.000 AVE HT= 362.8
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= 1.0067E+03 1.4339E+03 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

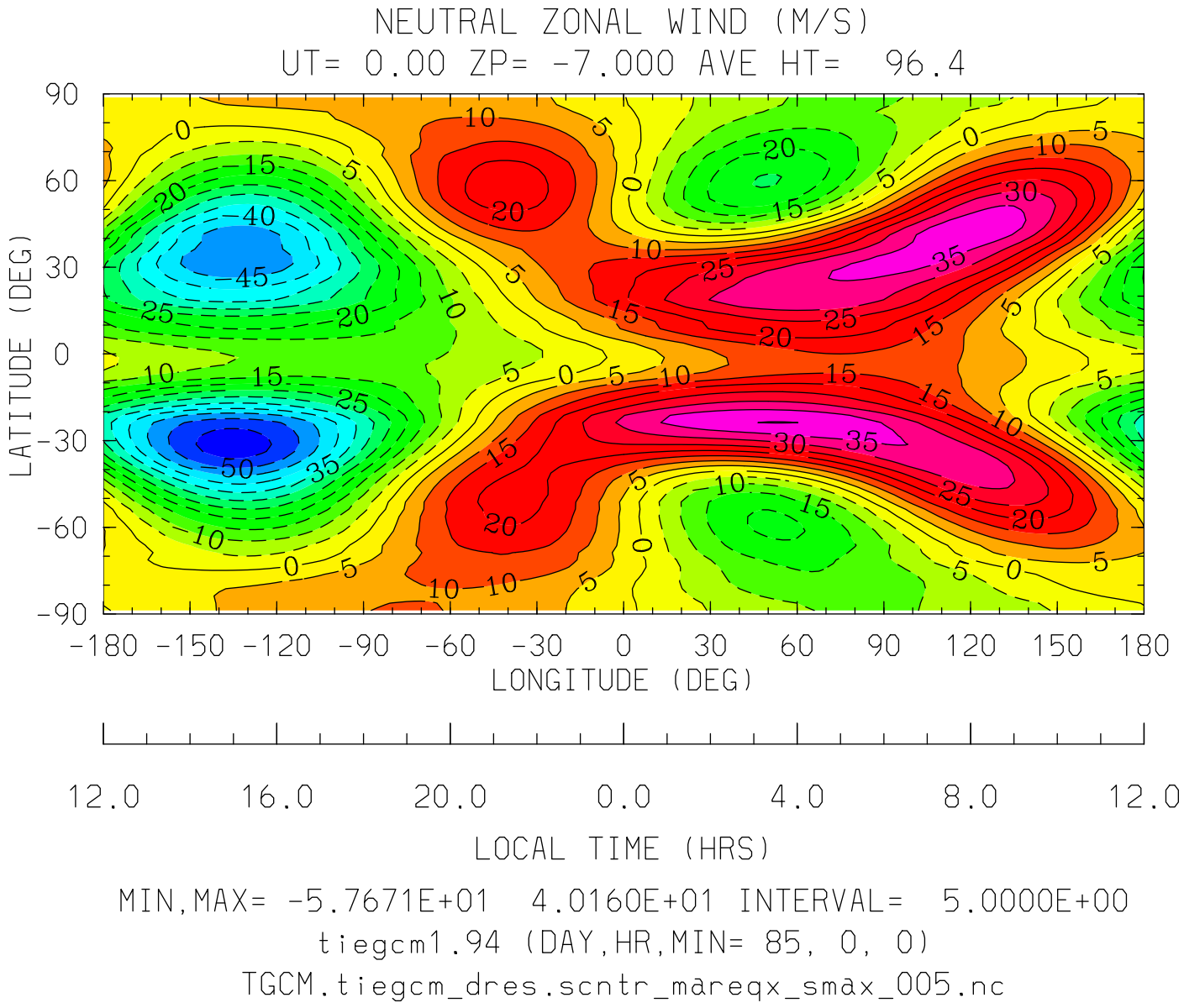

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
1350
1375
1400
1325
1300
1275
1250
1225
1200
1175
1150
1125
1100
1075
LOCAL TIME
MIN,MAX= 1.0536E+03 1.4015E+03 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.0336E+03 1.4339E+03 INTERVAL= 2.5000E+01

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

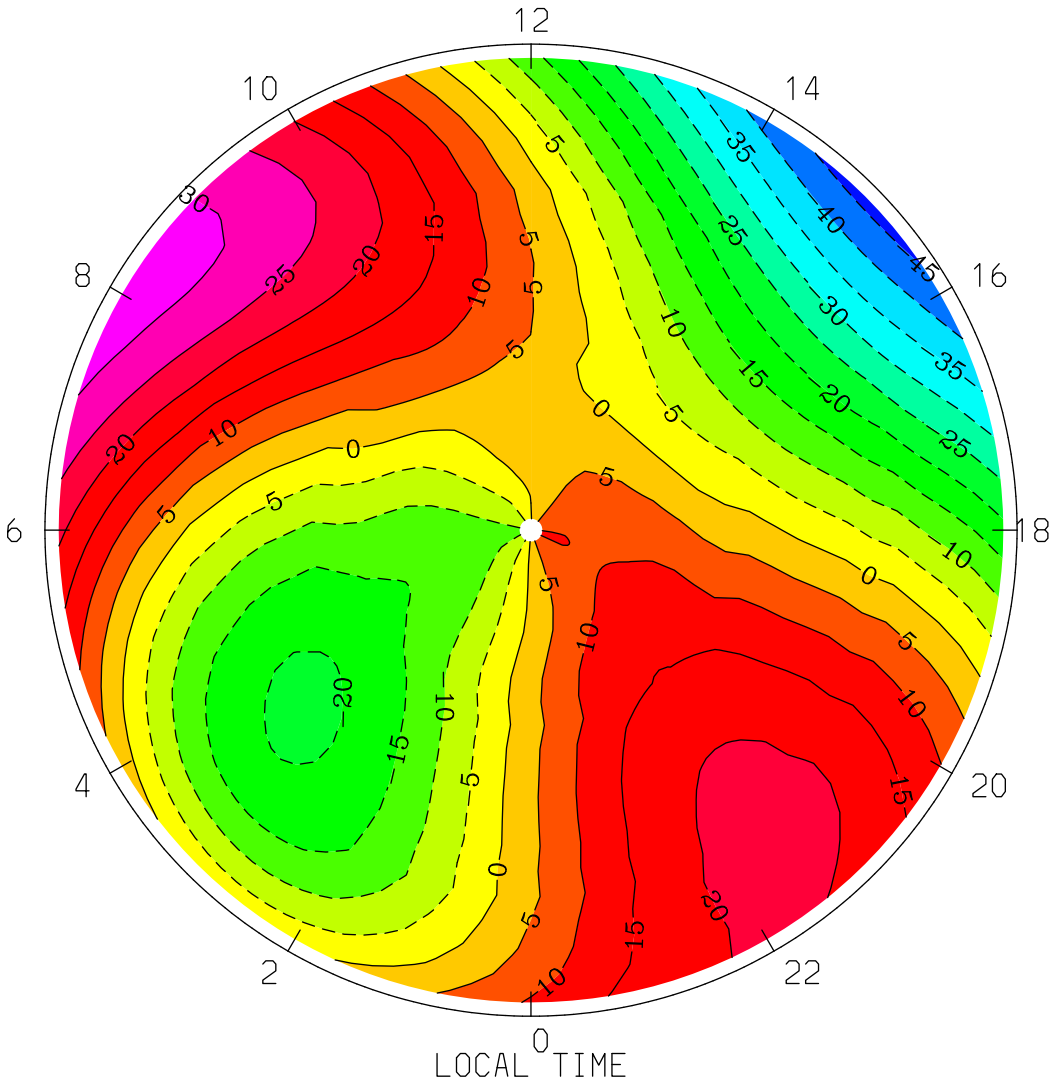
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

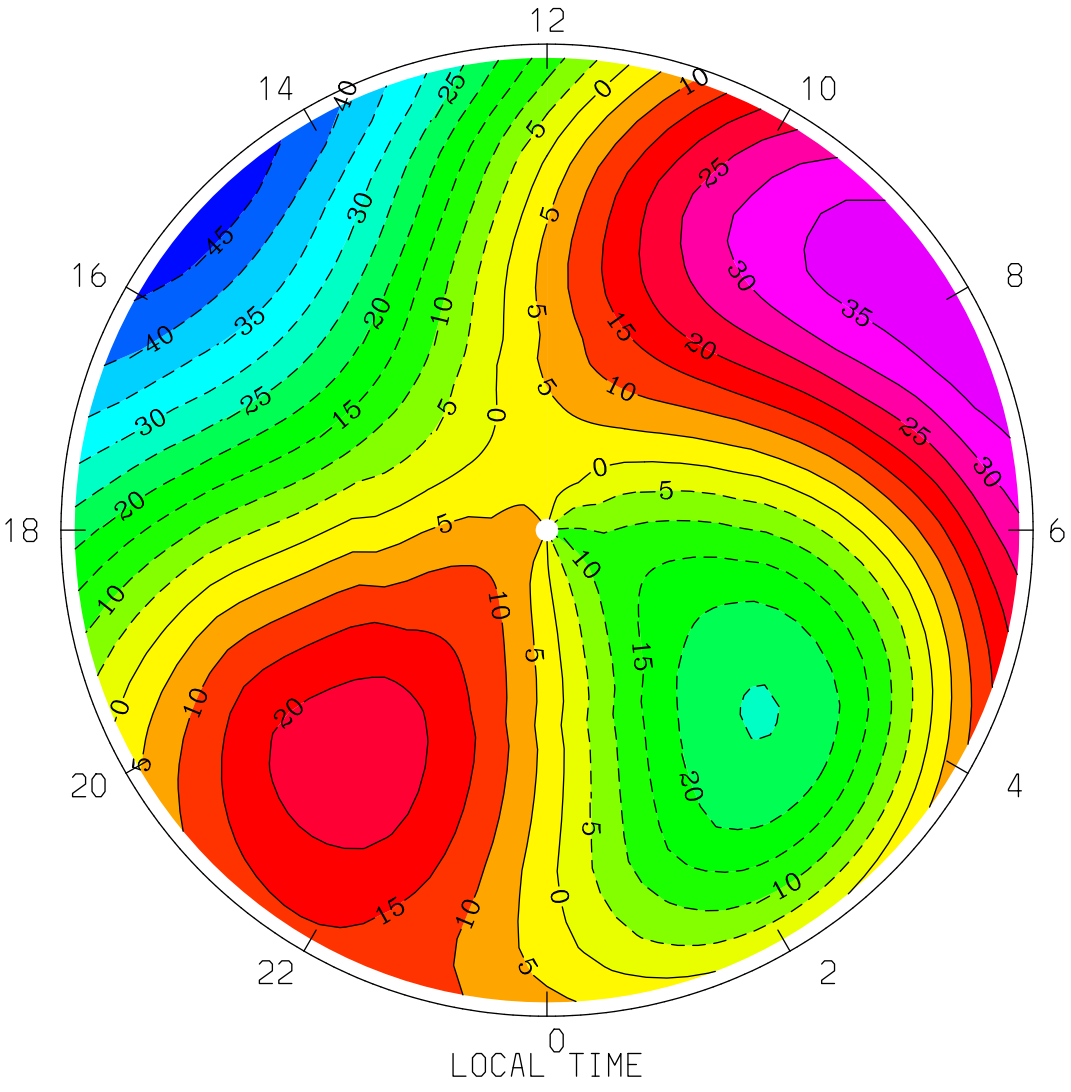


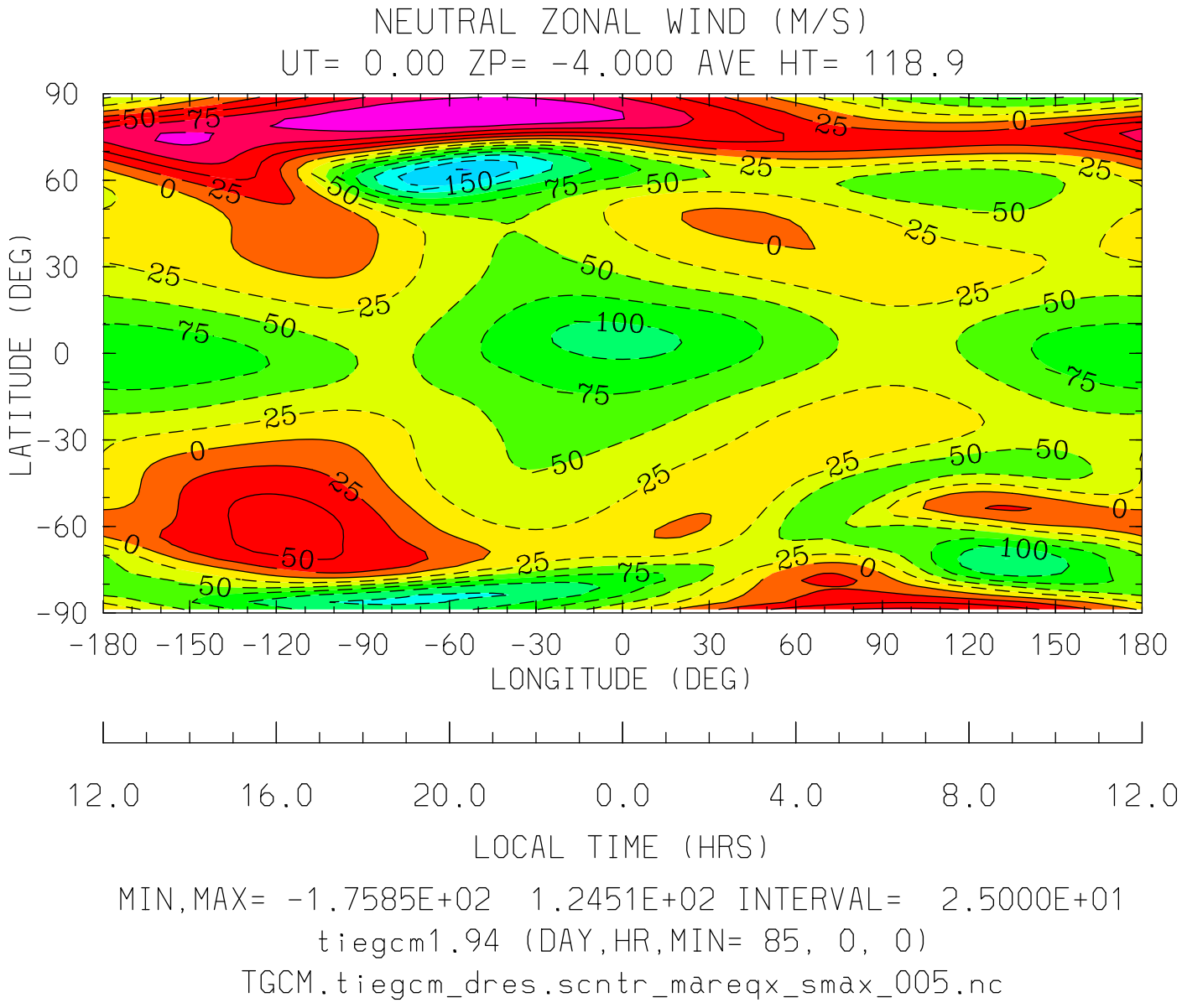
MIN,MAX= -5.7671E+01 4.0160E+01 INTERVAL= 5.0000E+00

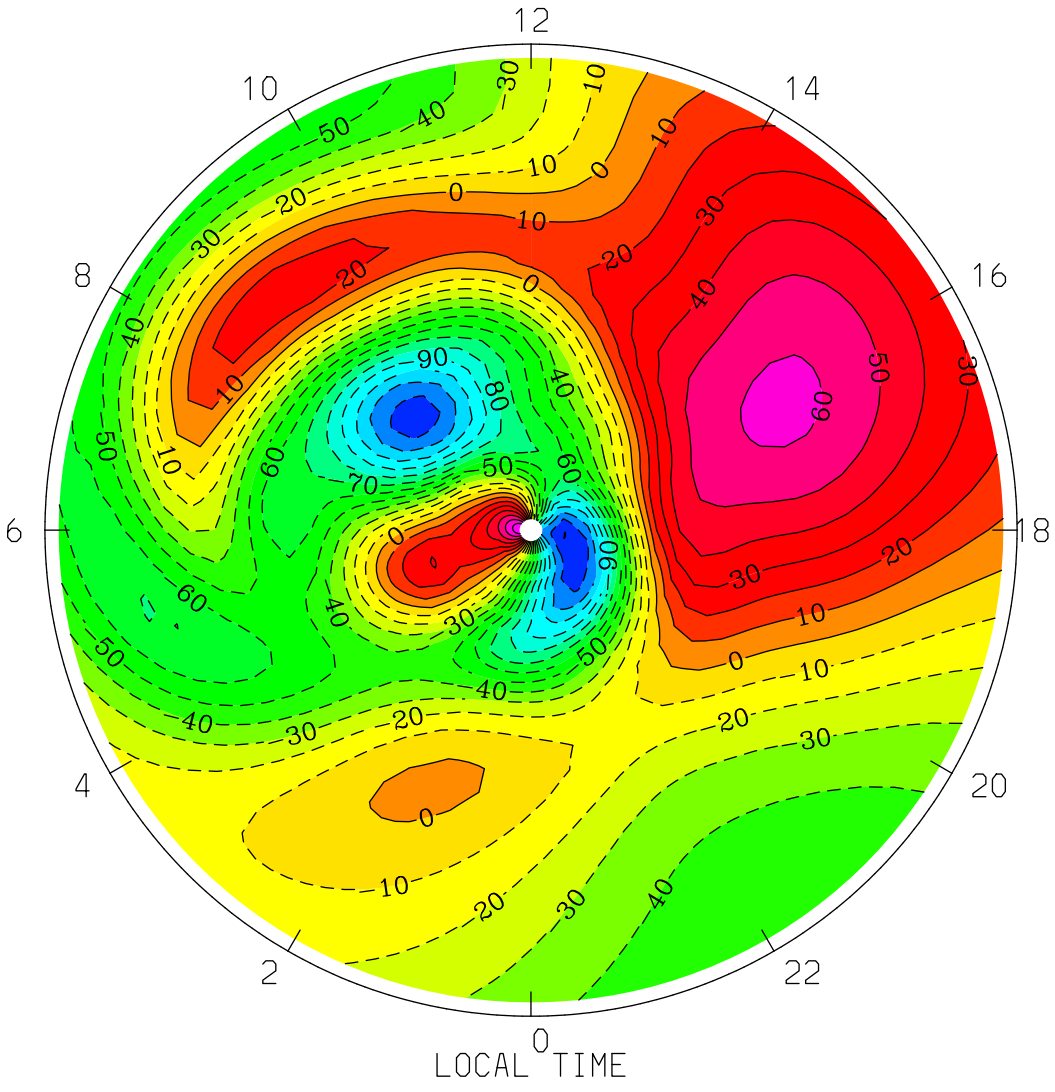
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

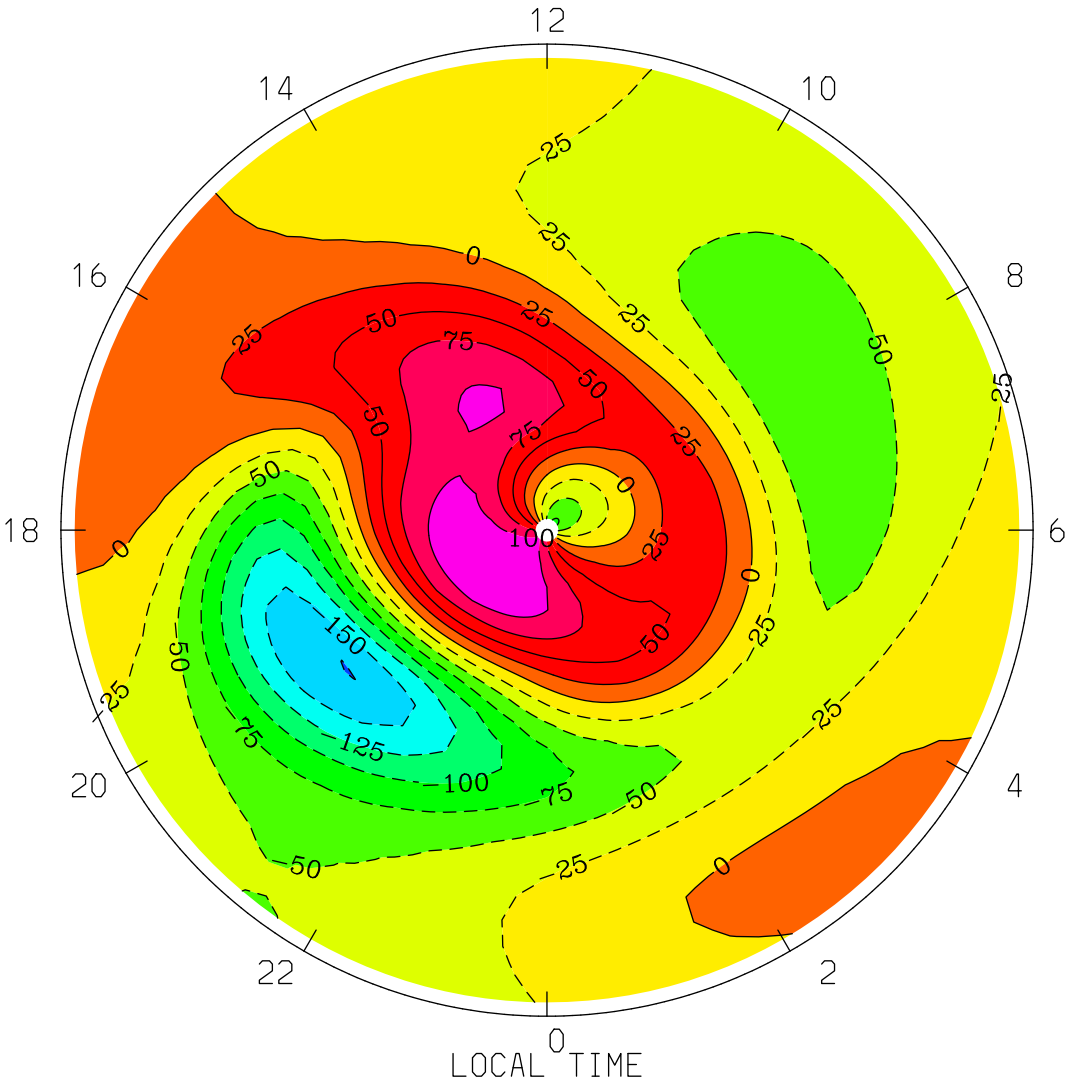
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

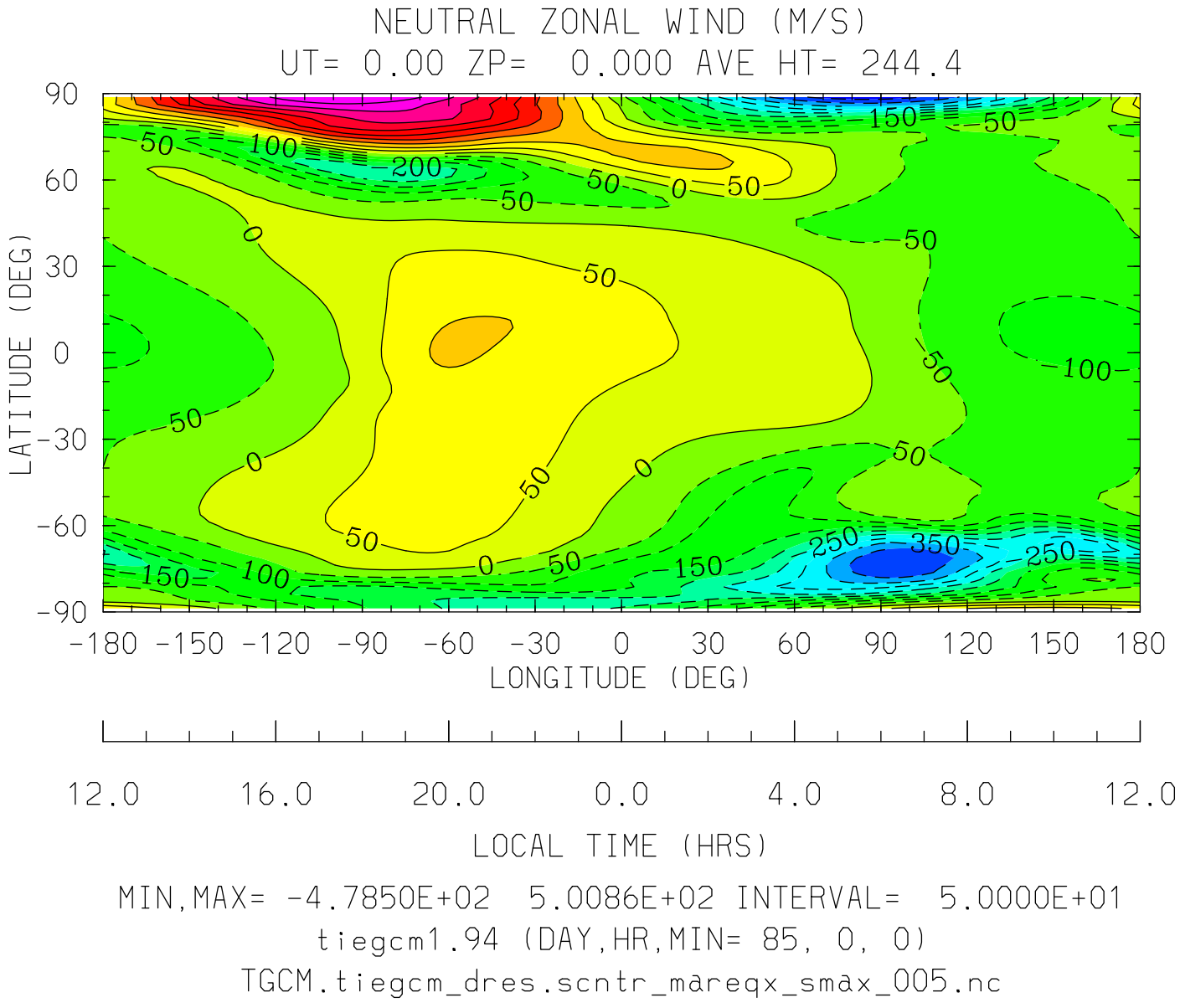

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -4.6613E+01 3.2860E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

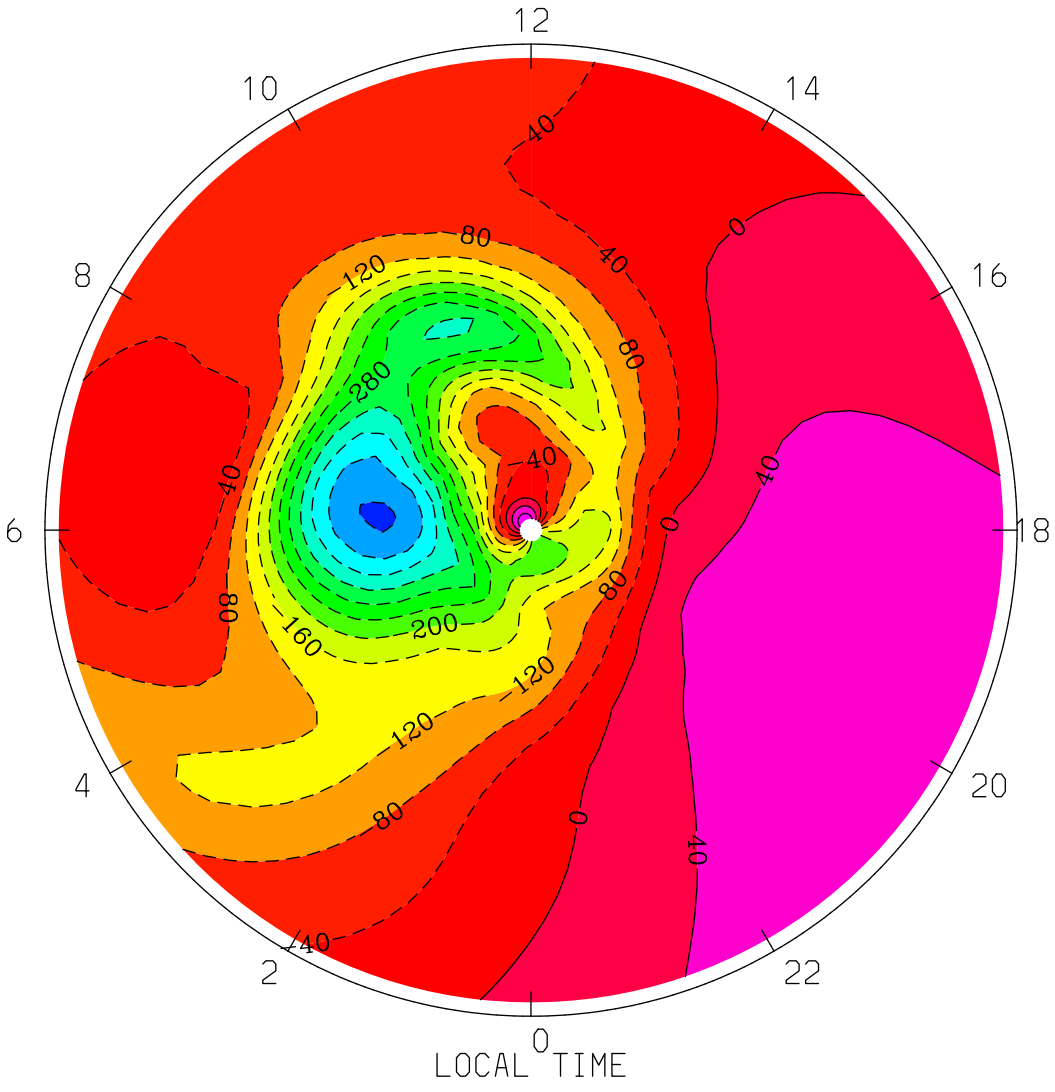

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -4.8178E+01 3.9233E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

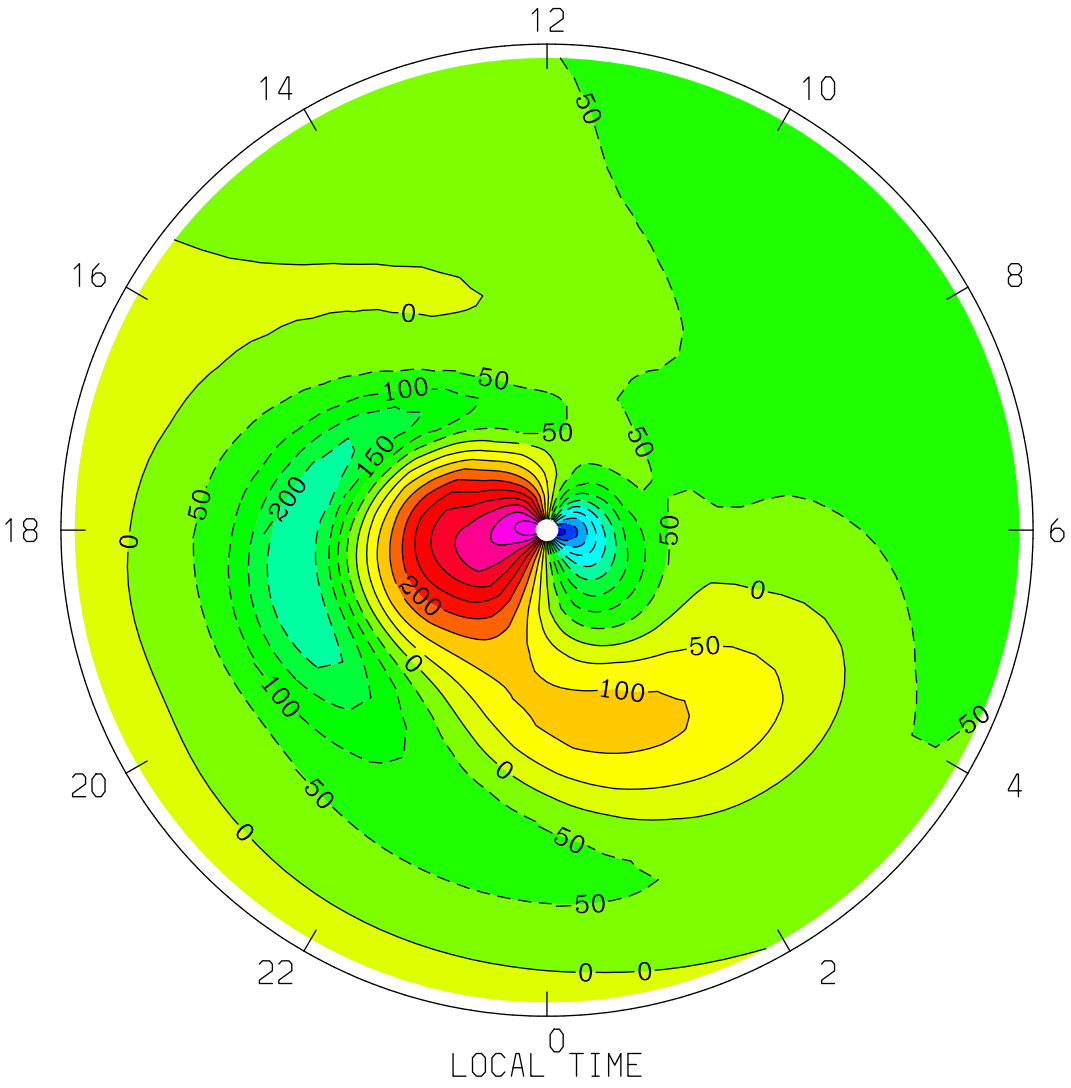

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 118.9
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.7585E+02 1.2451E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

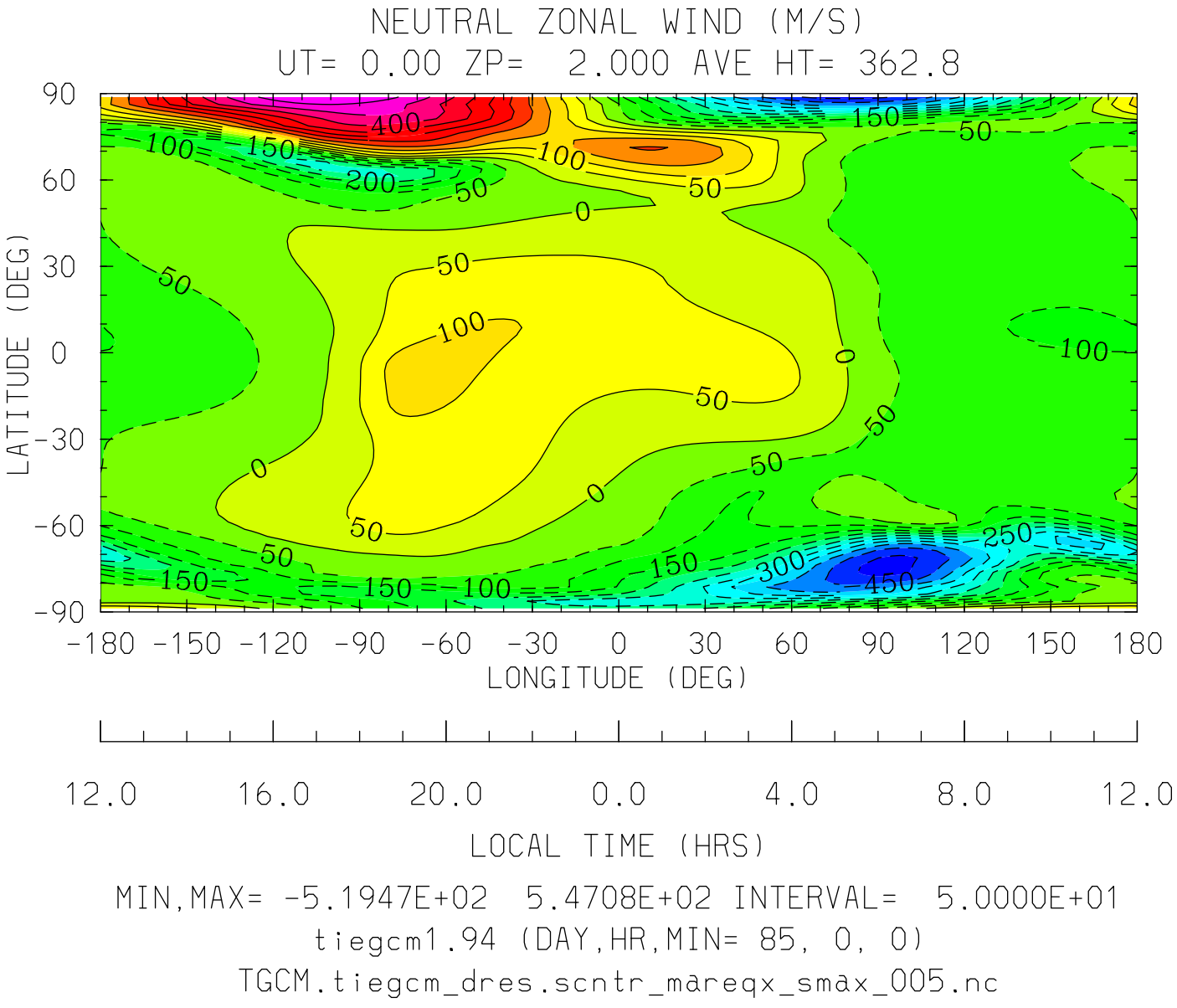

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -1.3037E+02 7.9987E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

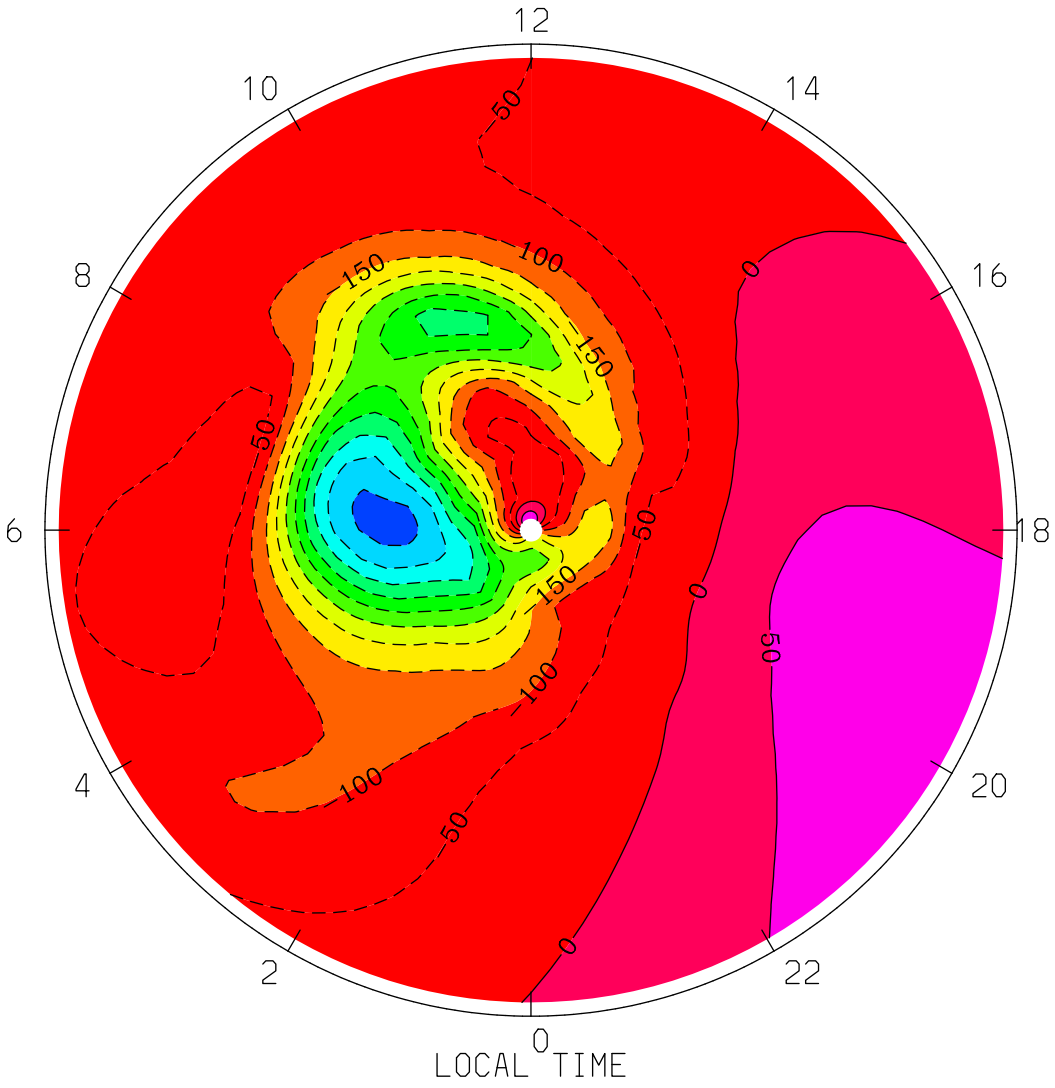

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -1.7585E+02 1.2451E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 244.4
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= -4.7850E+02 5.0086E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
-40
80
120
280
40
0
160
200
MIN,MAX= -4.4586E+02 1.1787E+02 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -4.7850E+02 5.0086E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

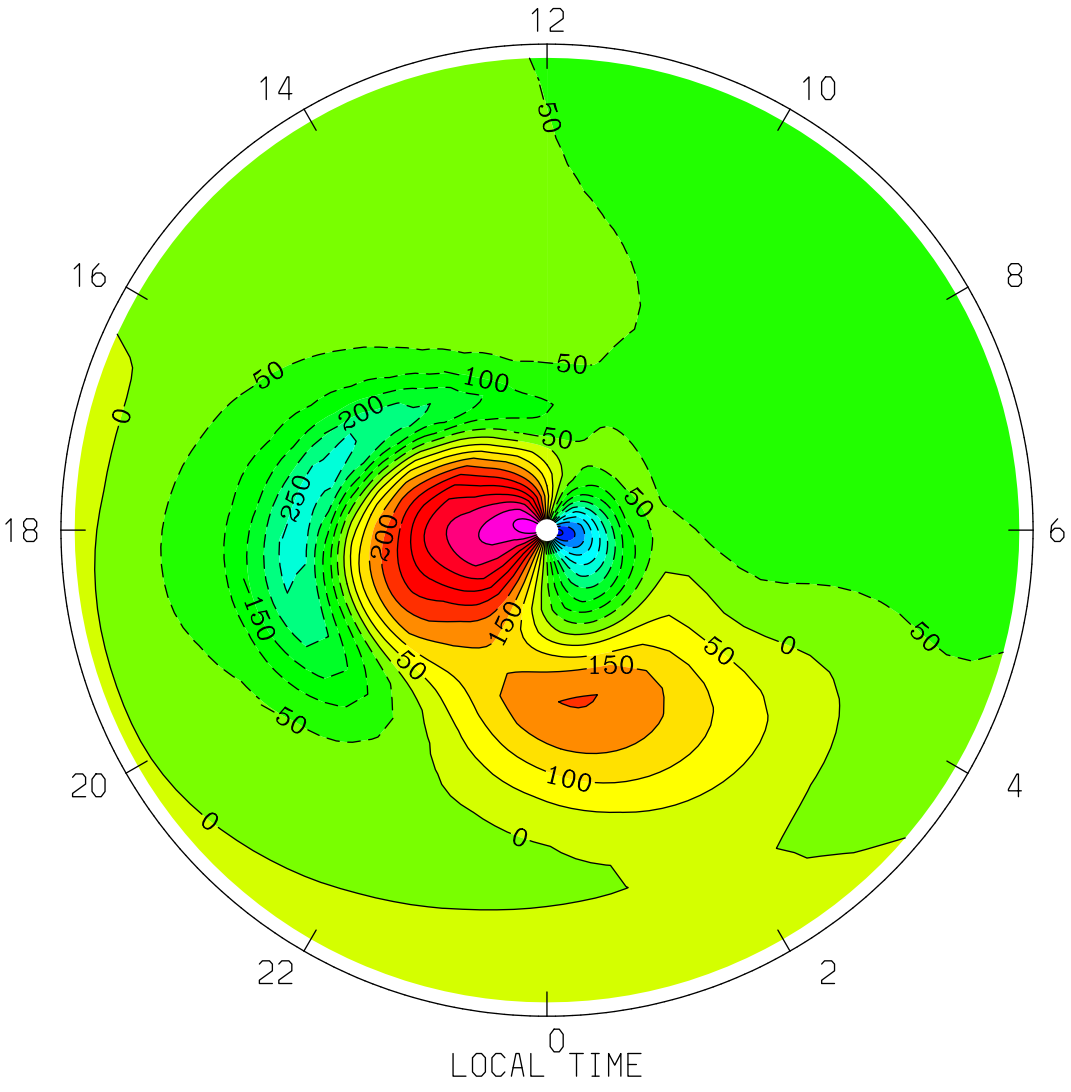

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 362.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.1947E+02 5.4708E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

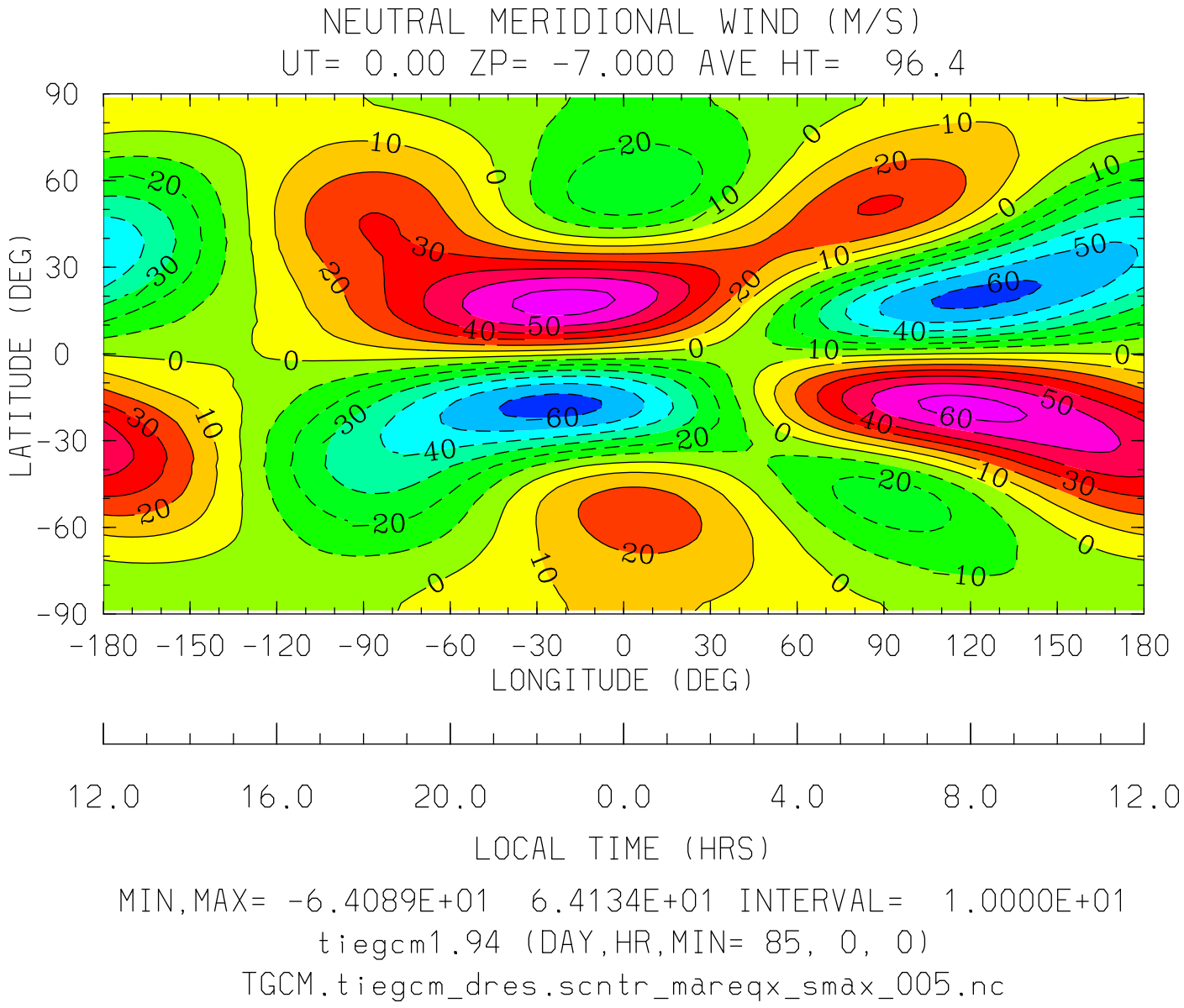


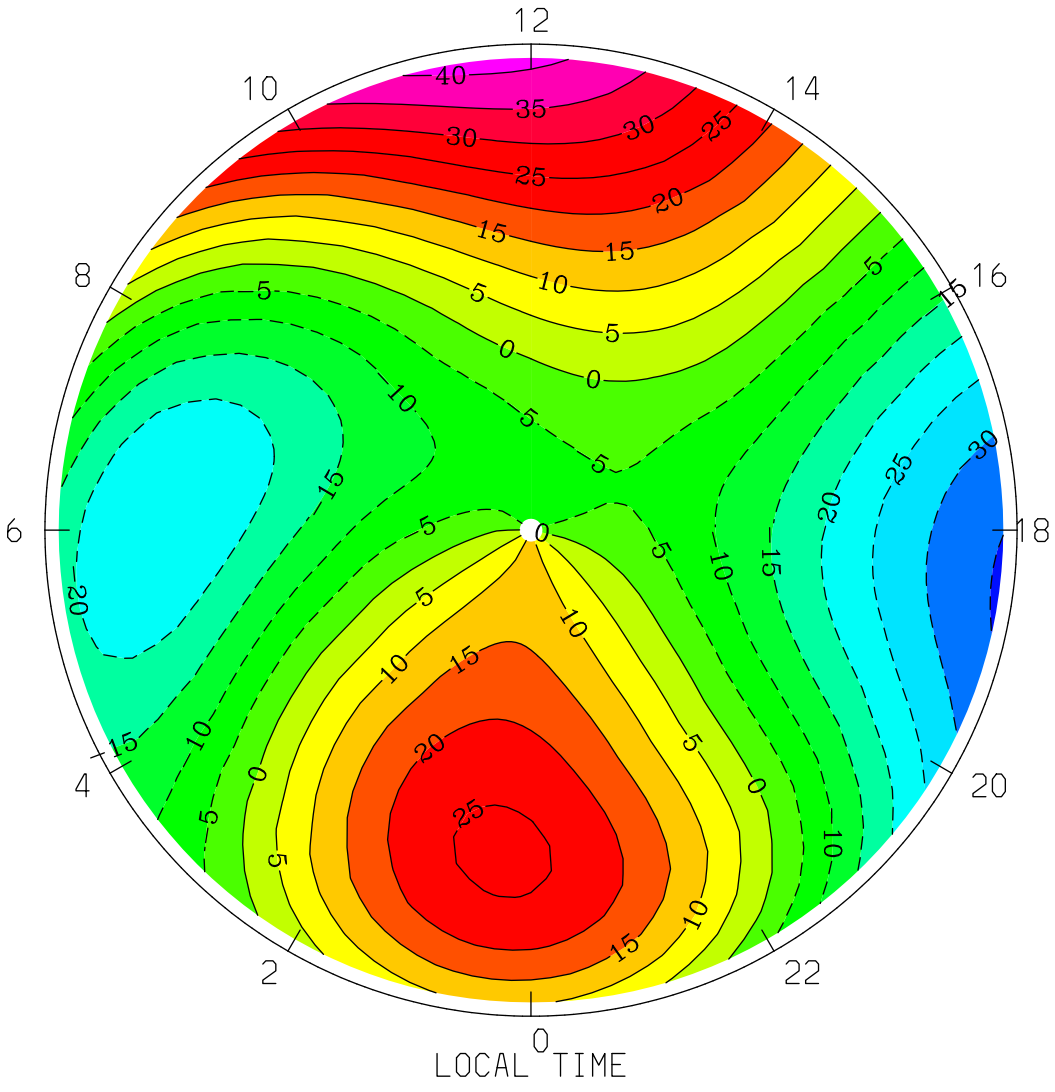
MIN,MAX= -5.1749E+02 9.2439E+01 INTERVAL= 5.0000E+01

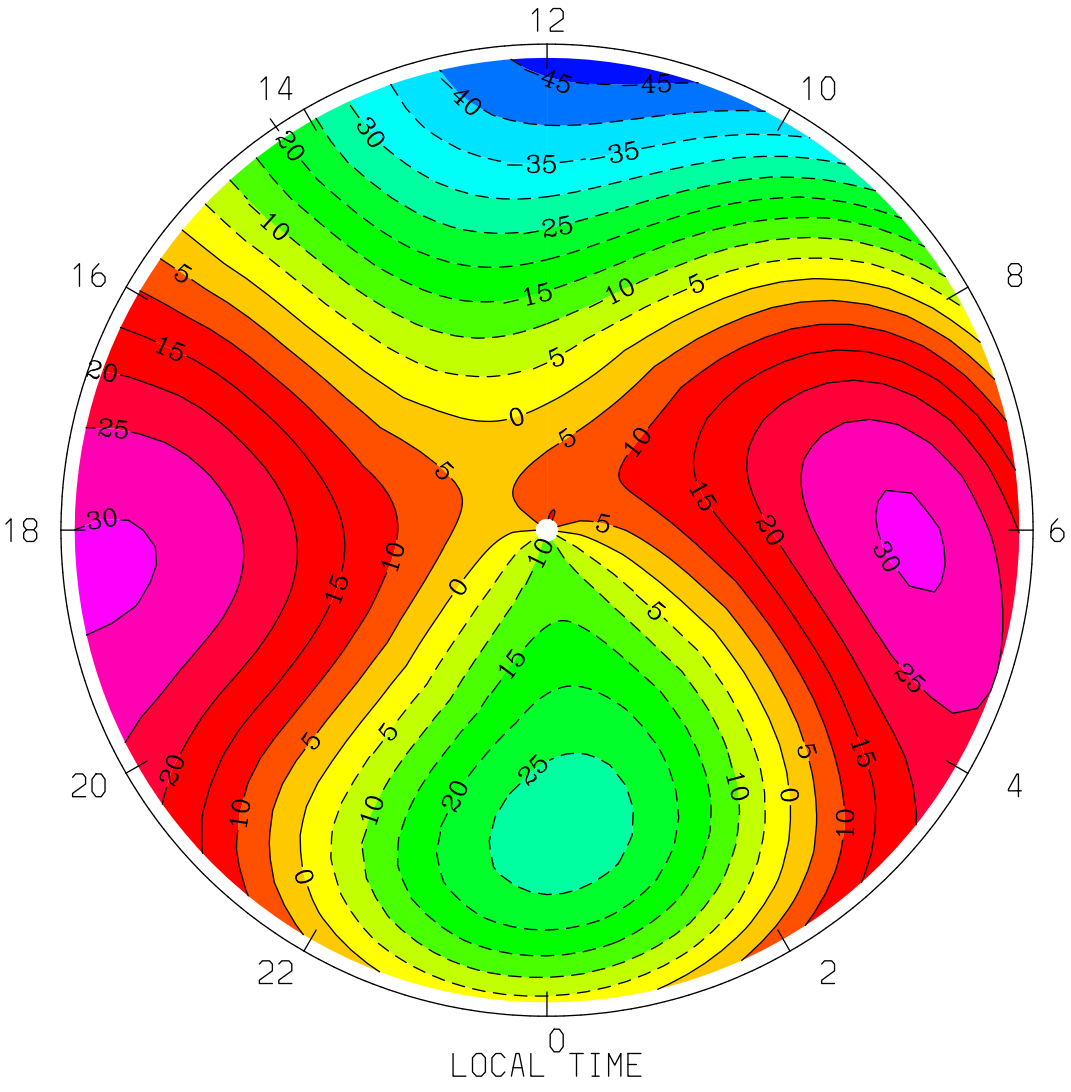
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

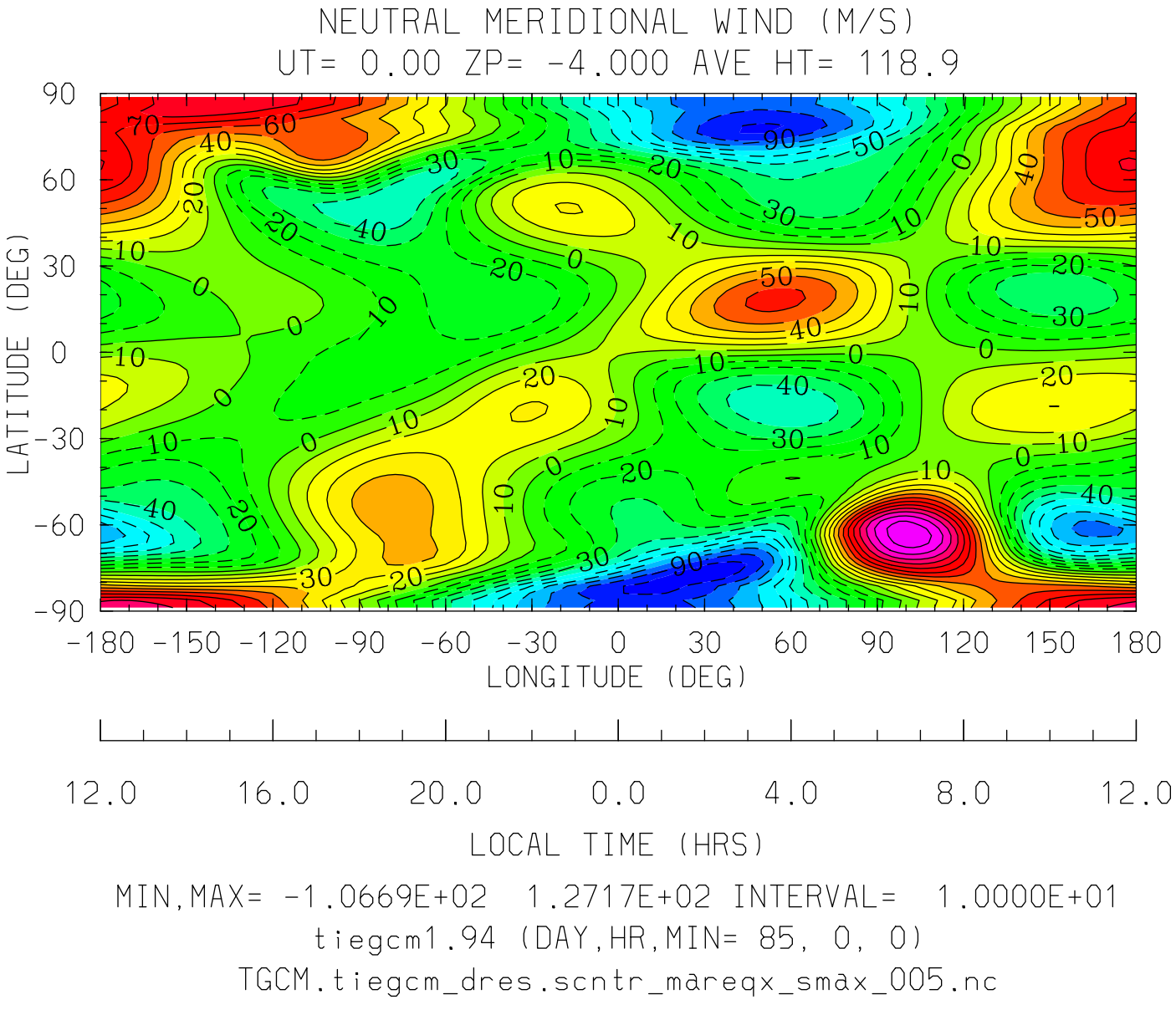
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

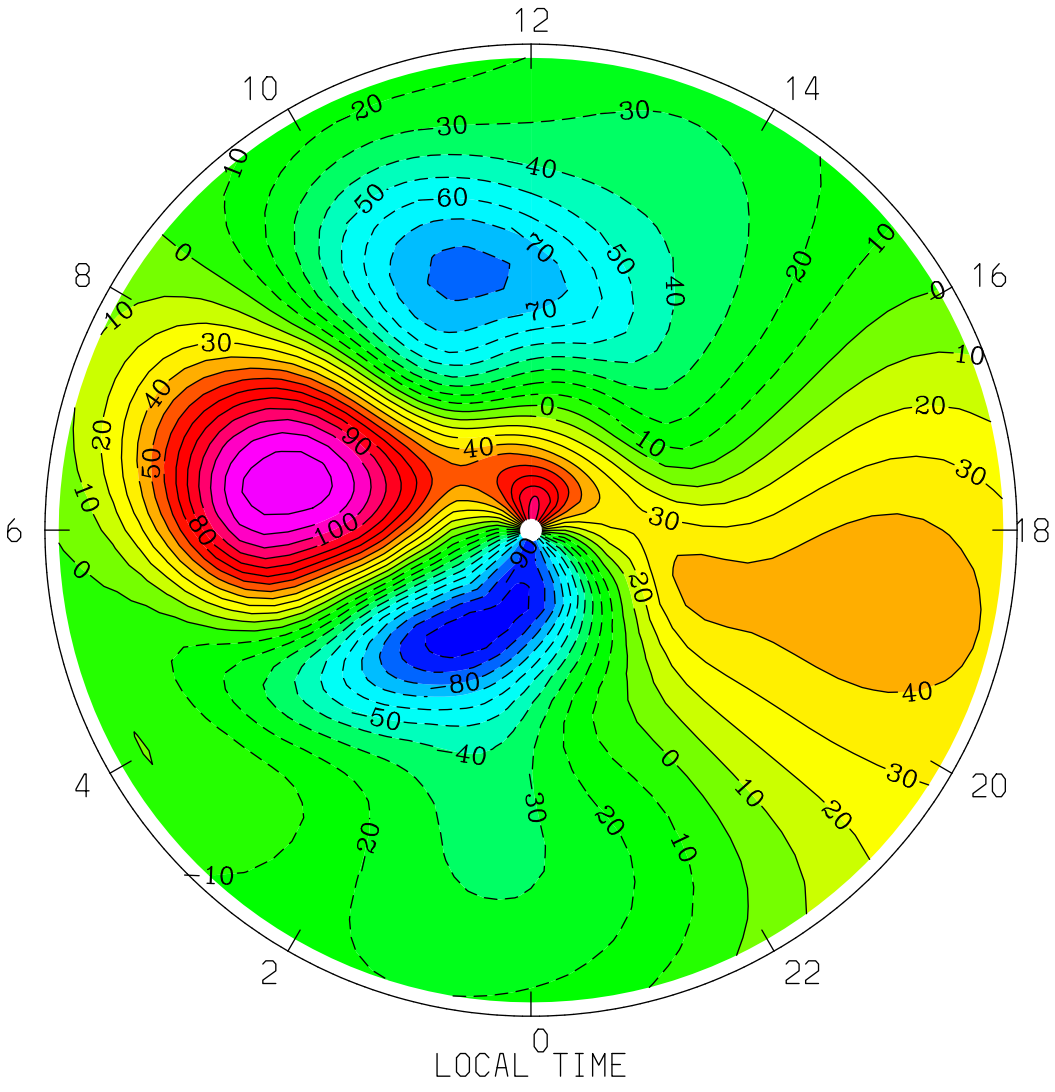

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -5.1947E+02 5.4708E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

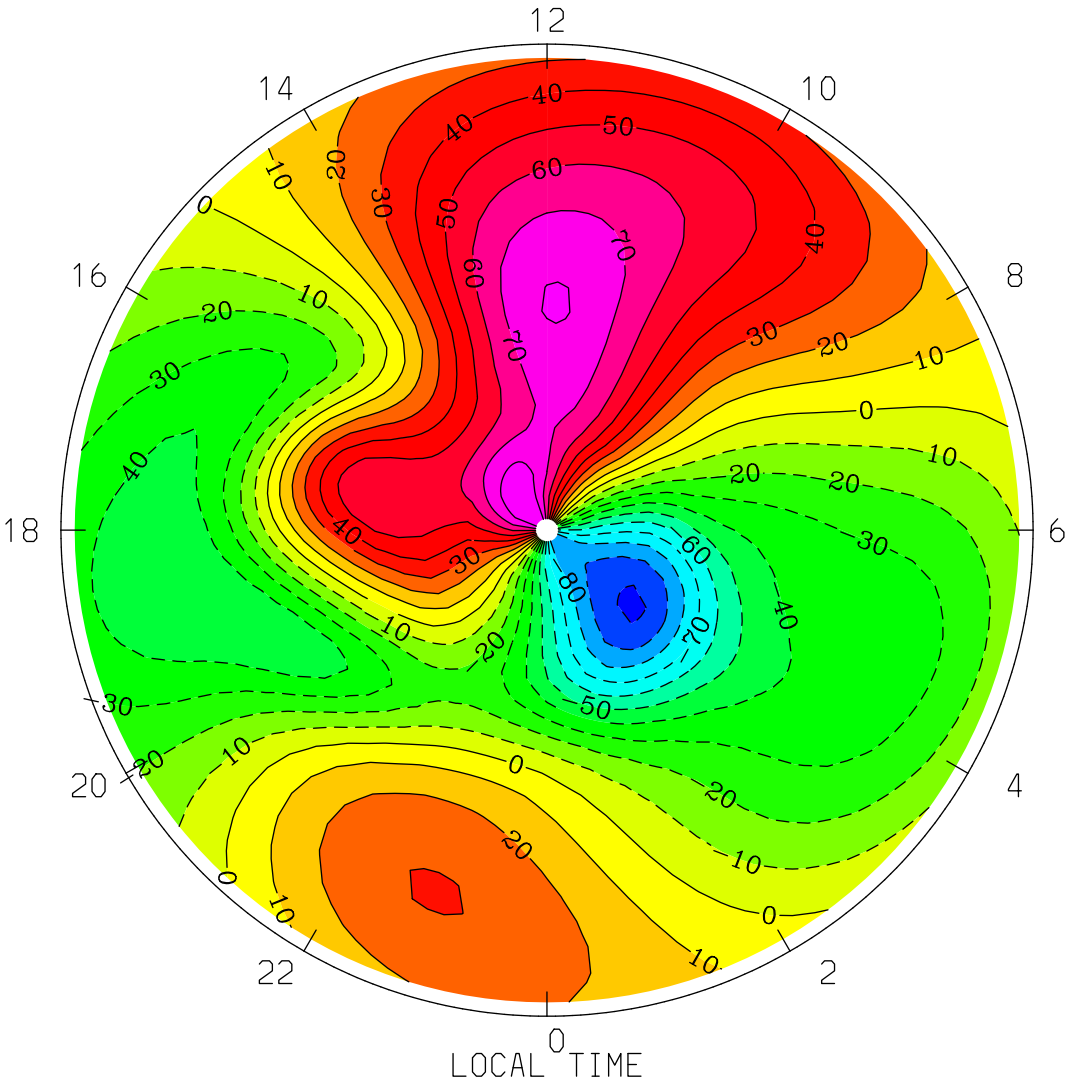

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -6.4089E+01 6.4134E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

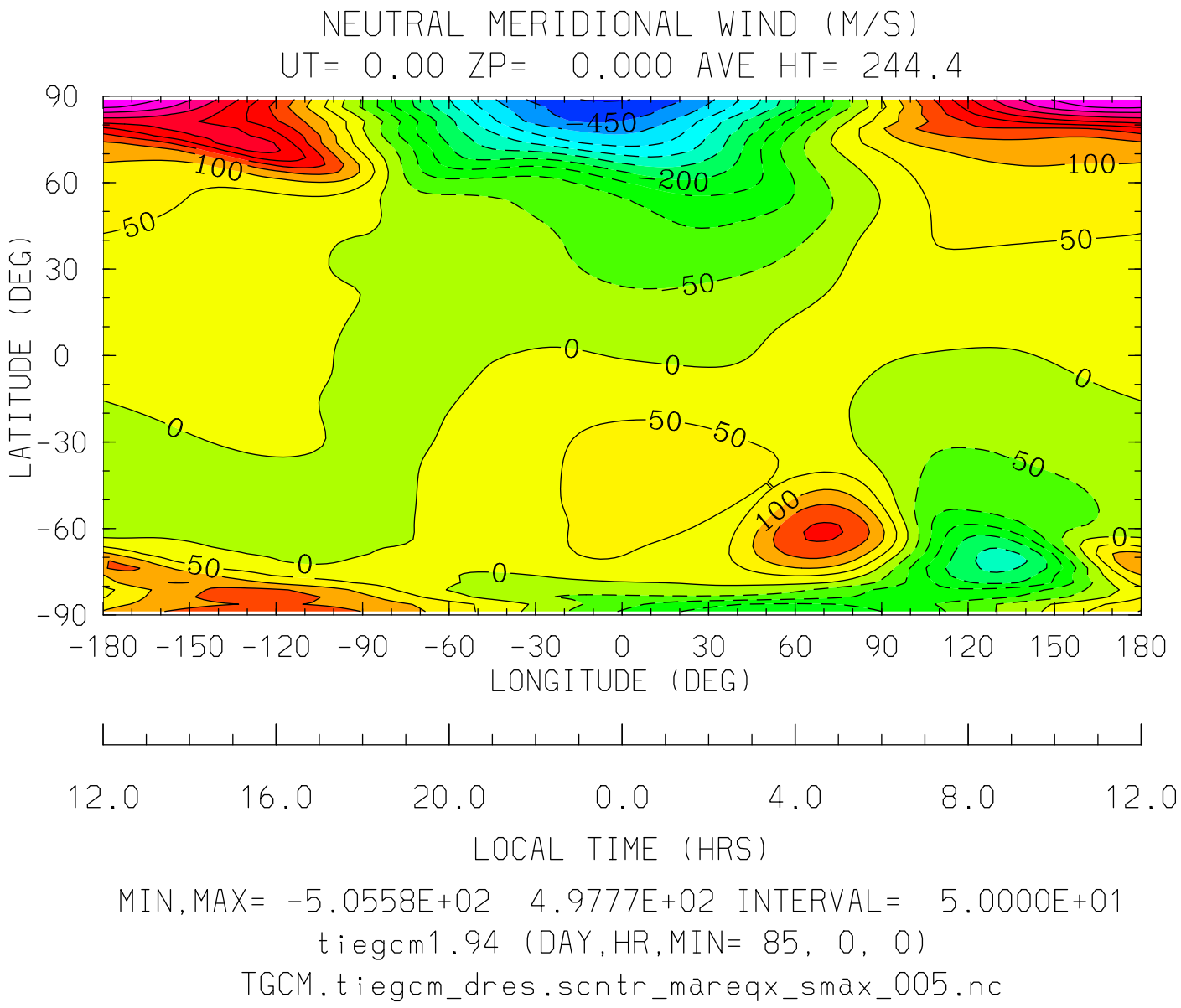

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -3.5614E+01 4.1849E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

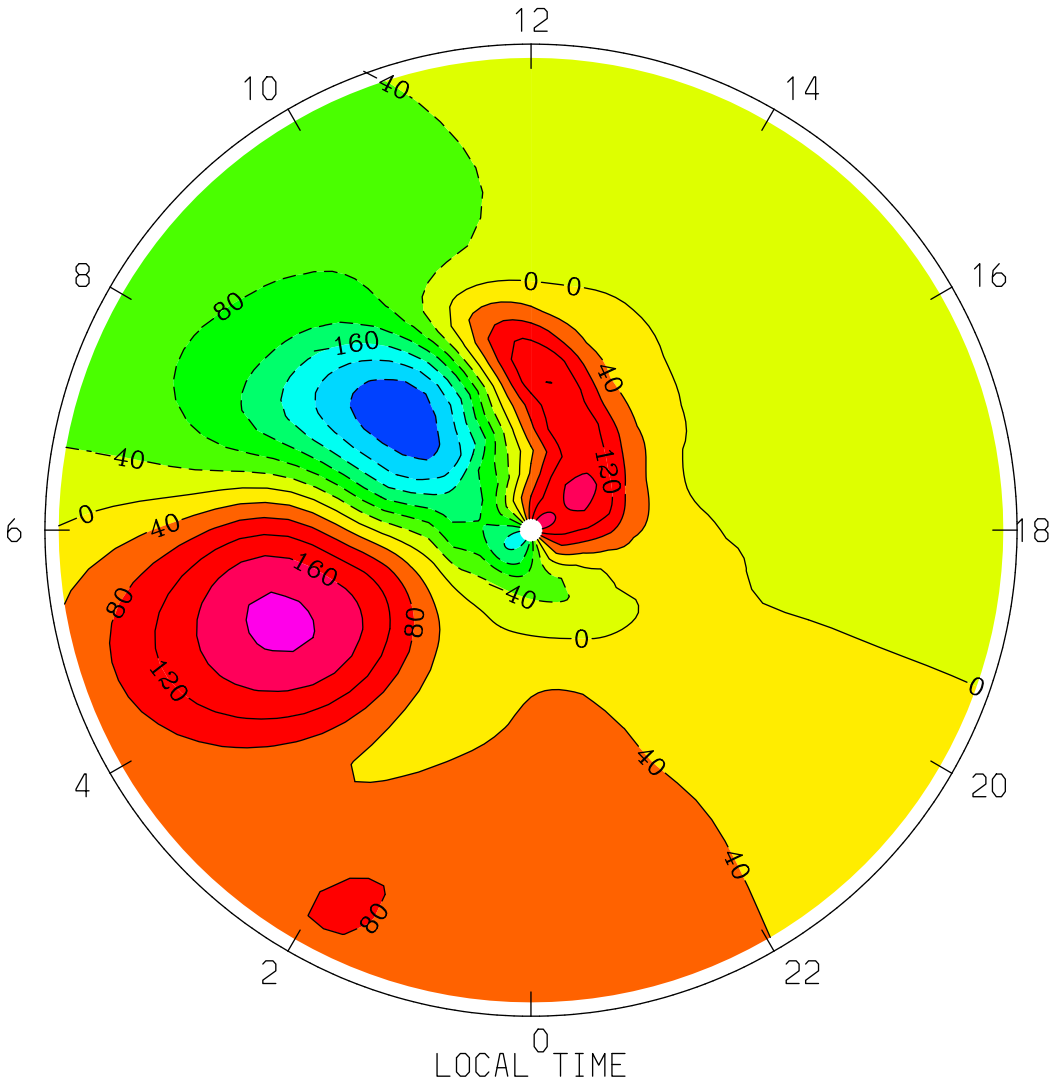

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -4.7500E+01 3.0972E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

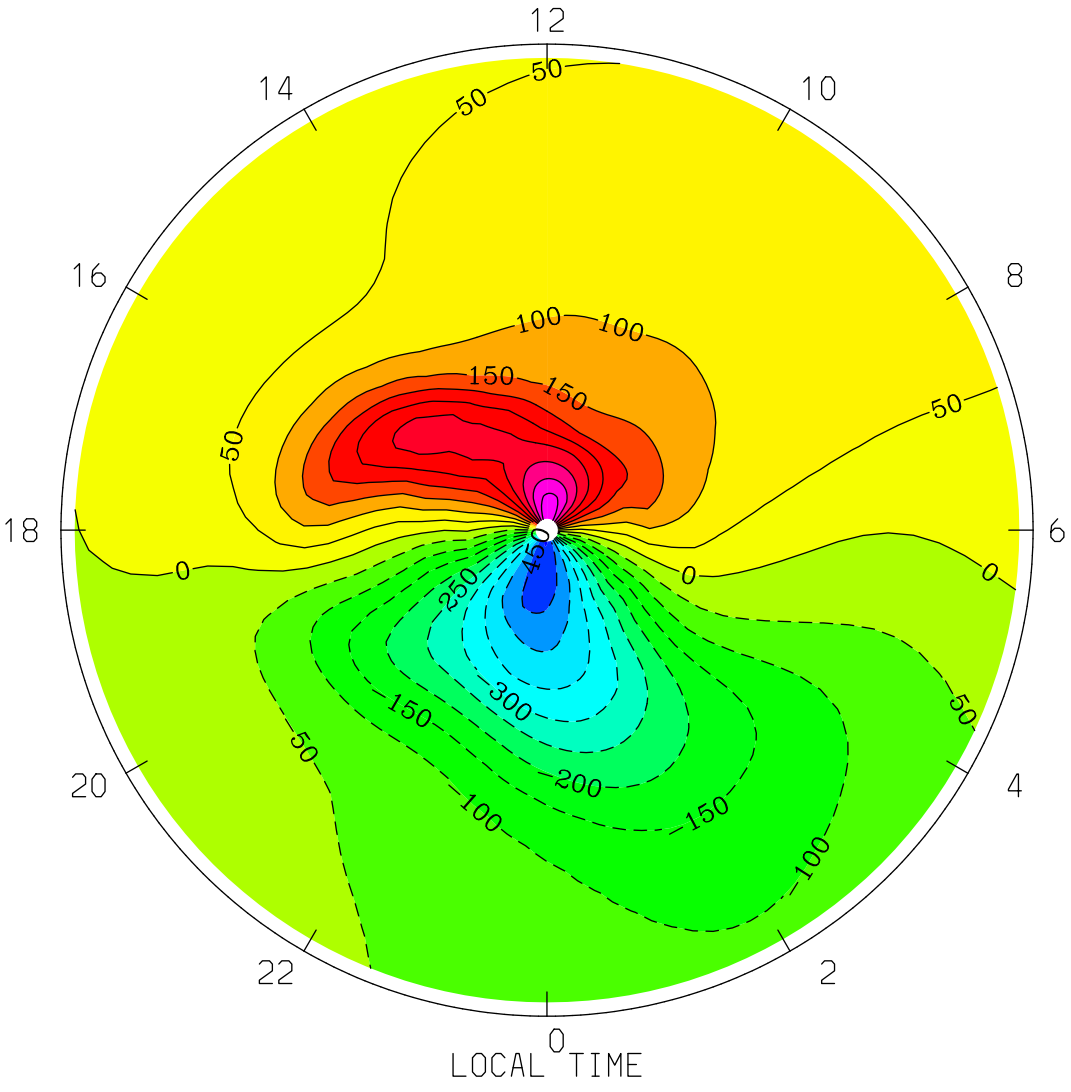

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 118.9
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.0669E+02 1.2717E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

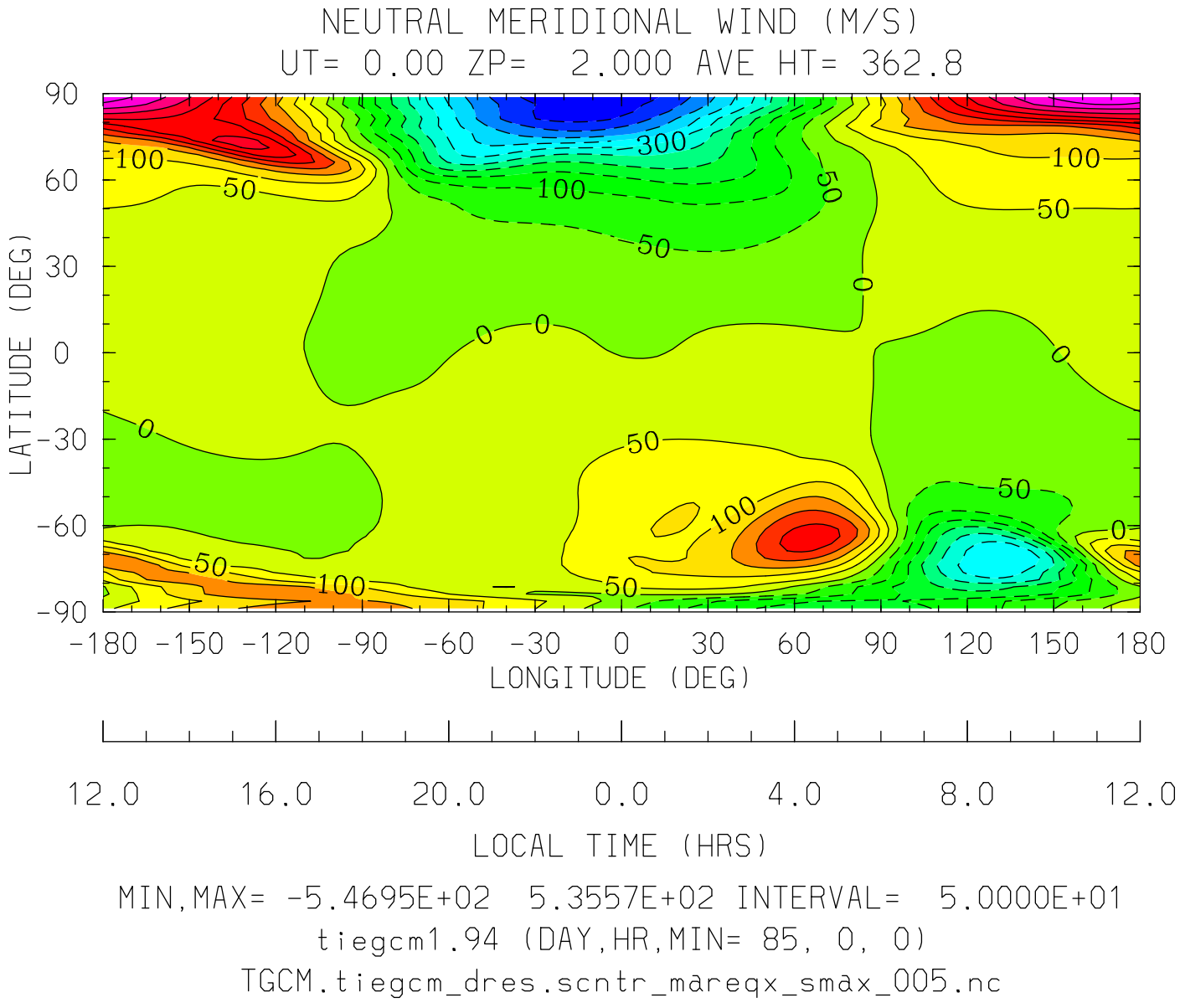

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -1.0669E+02 1.2717E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

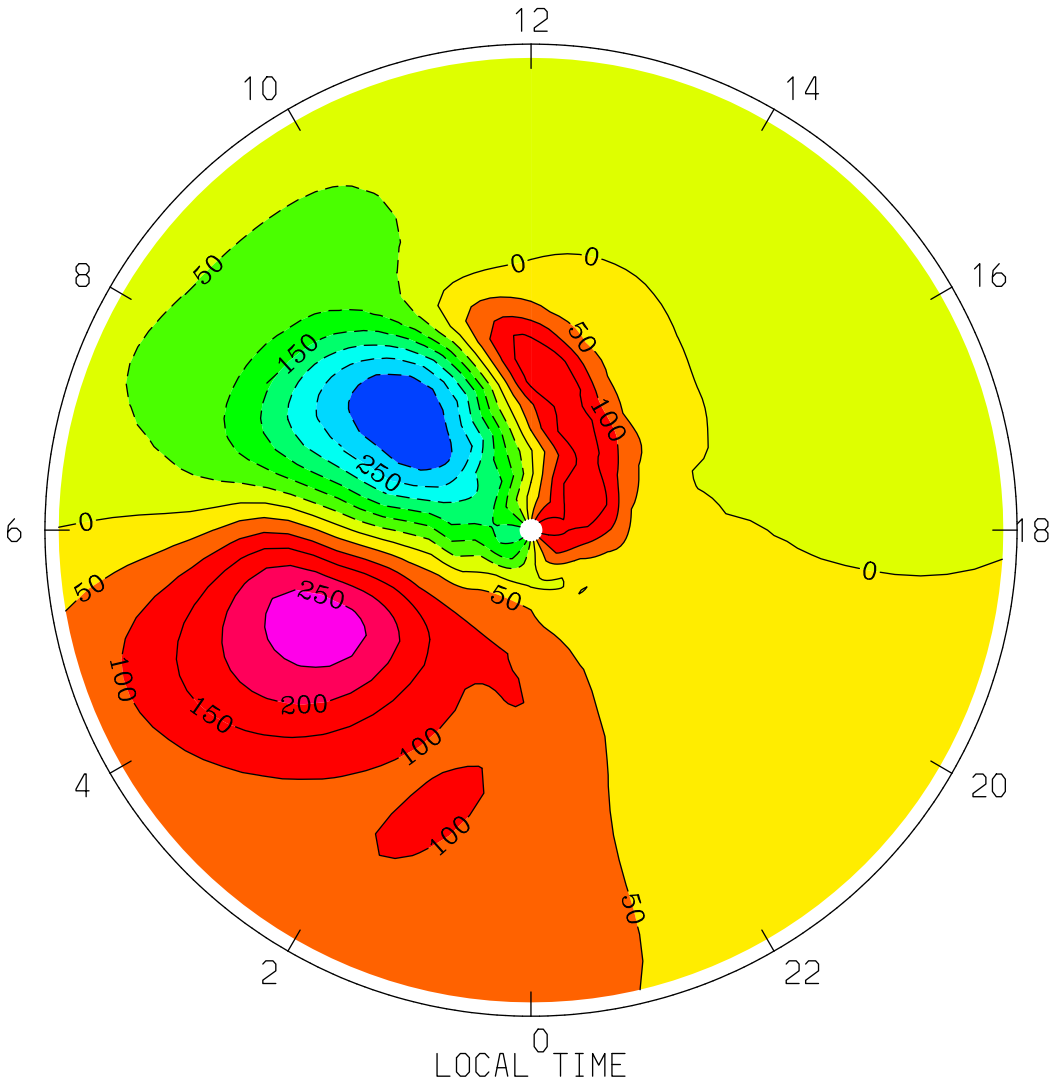

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -1.0123E+02 8.8728E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

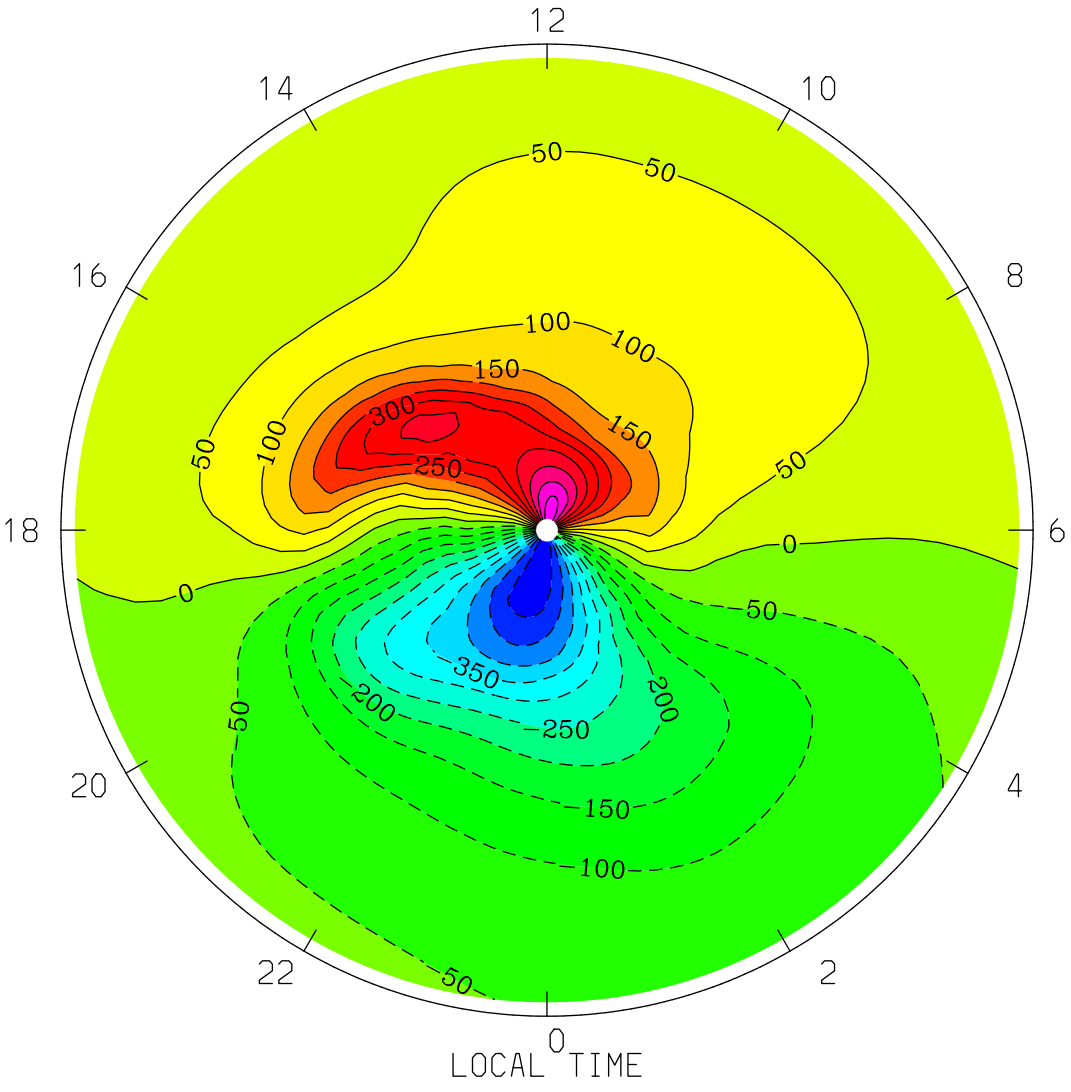

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 244.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.0558E+02 4.9777E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

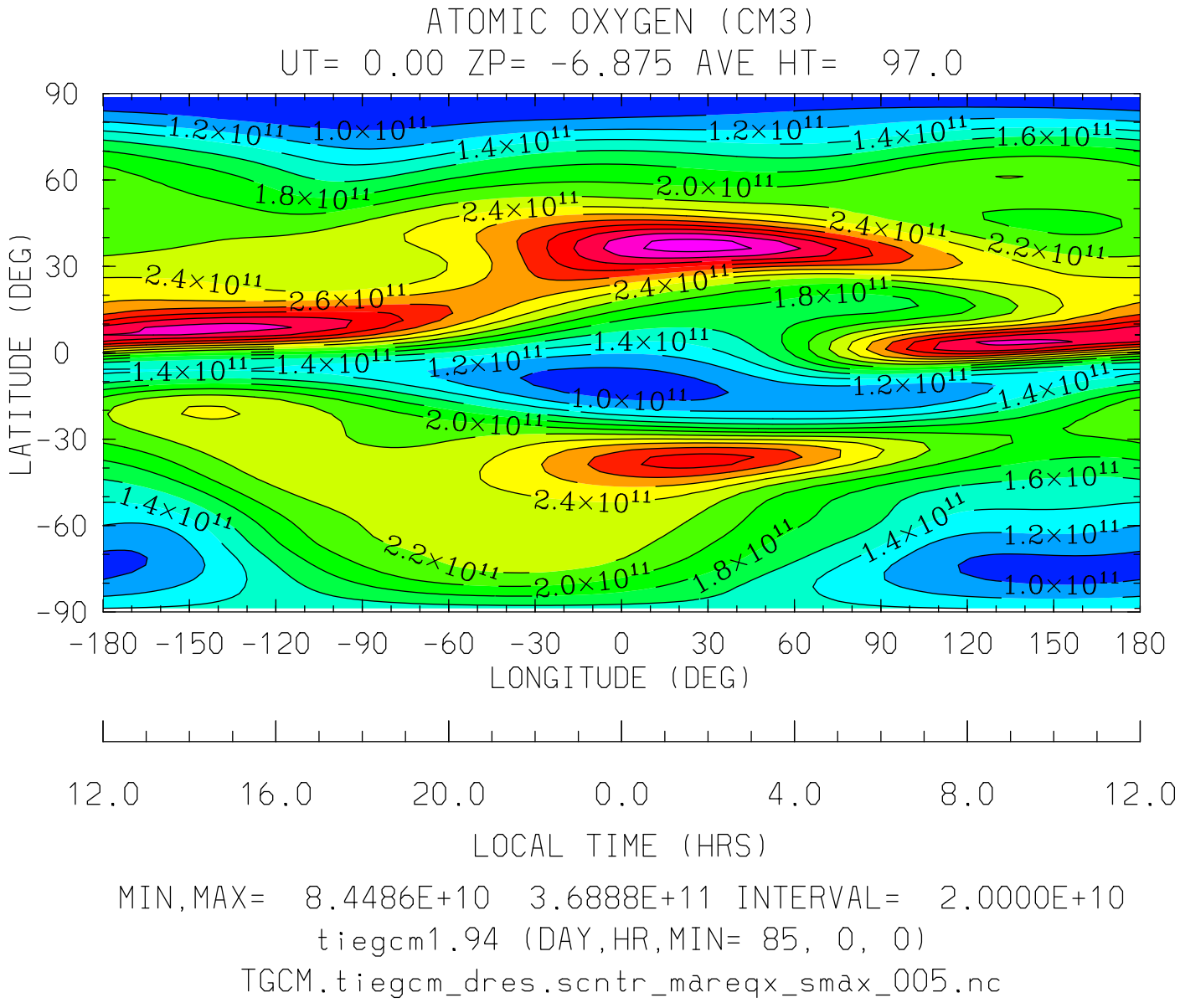

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -2.7121E+02 2.0983E+02 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -5.0558E+02 4.9777E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

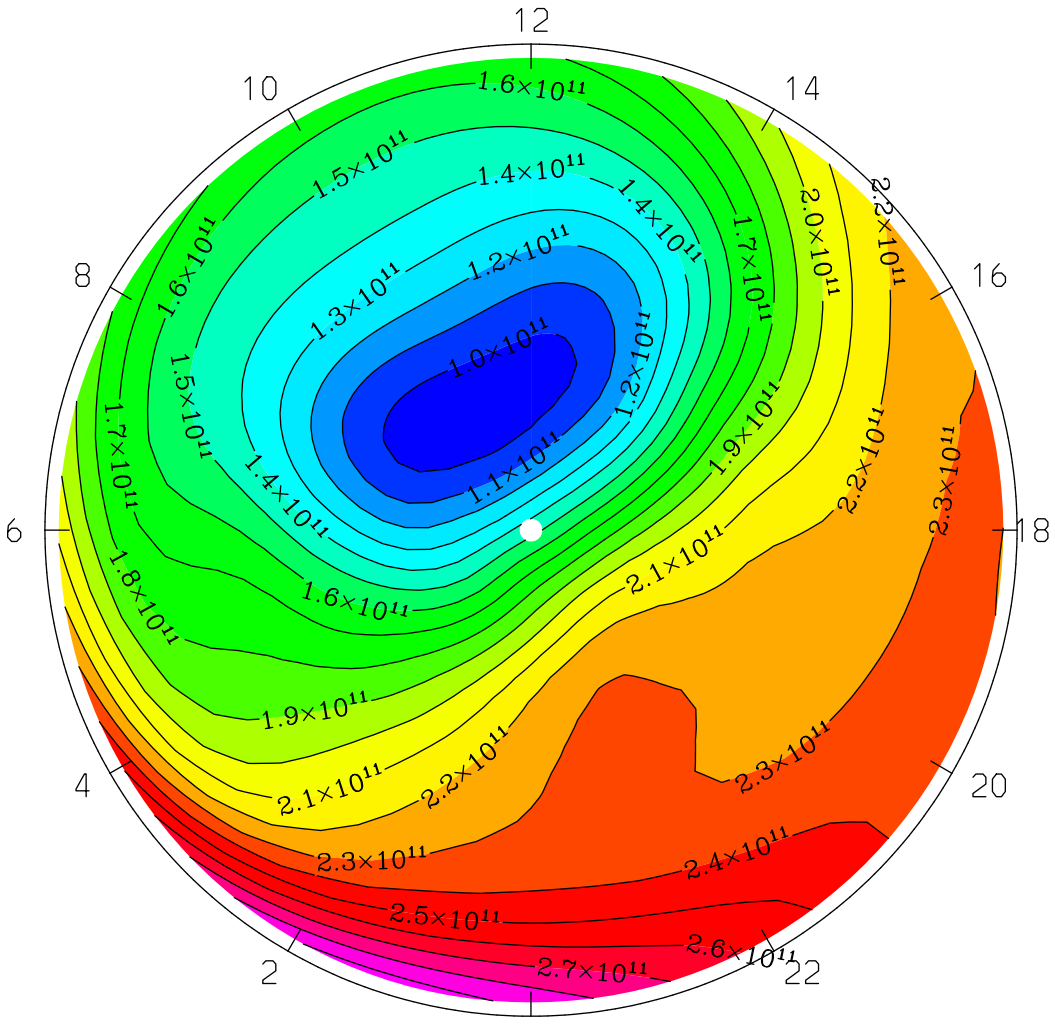

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 362.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.4695E+02 5.3557E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -3.4978E+02 2.7812E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
50
50
100
100
150
150
300
250
50
100
50
0
0
50
350
200
200
250
150
100
50
50
LOCAL TIME
MIN,MAX= -5.4695E+02 5.3557E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


ATOMIC OXYGEN (CM3)
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= 8.4486E+10 3.6888E+11 INTERVAL= 2.0000E+10
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

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

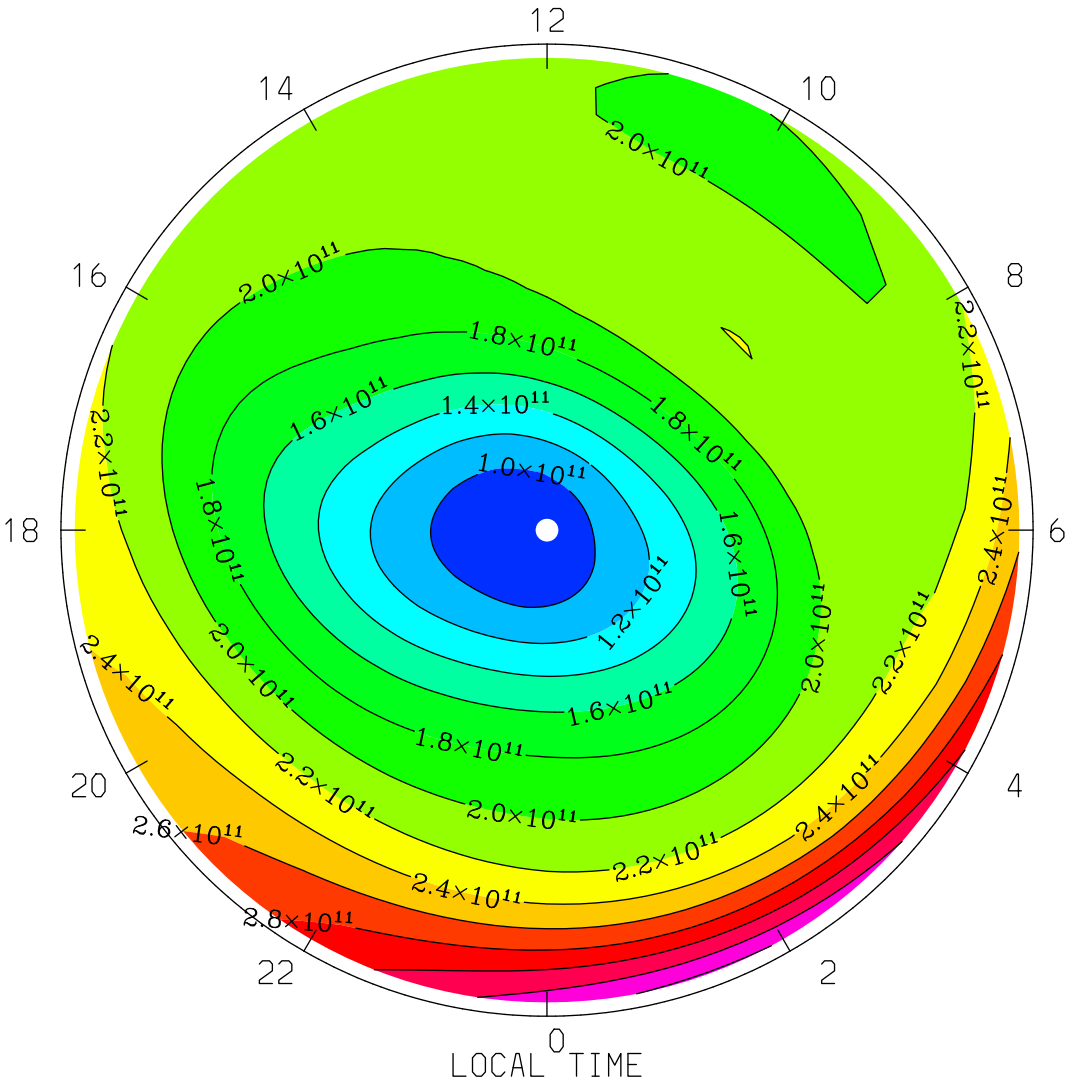


LOCAL TIME

MIN,MAX= 9.3051E+10 2.9411E+11 INTERVAL= 1.0000E+10

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

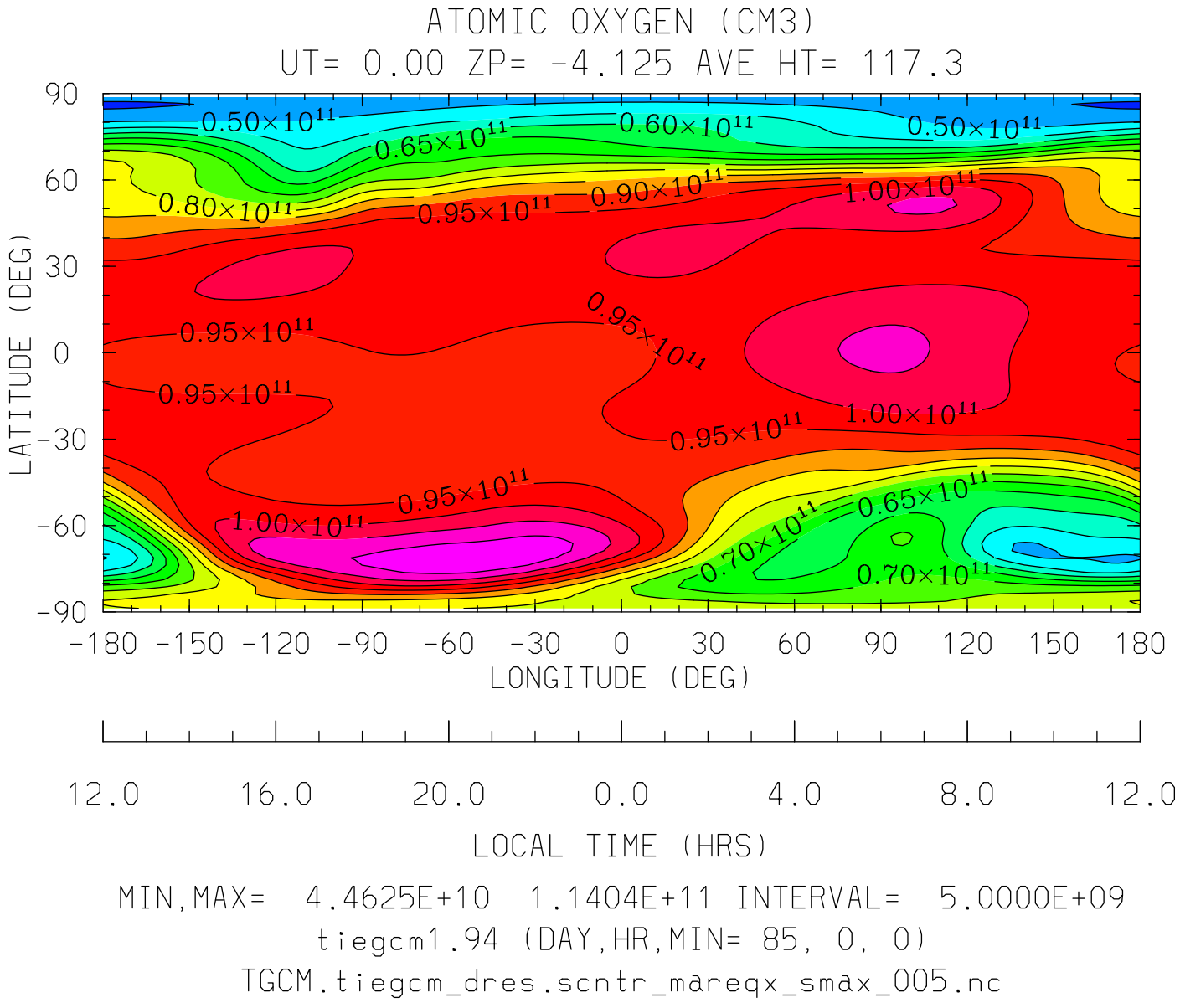
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 8.4486E+10 3.4234E+11 INTERVAL= 2.0000E+10

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

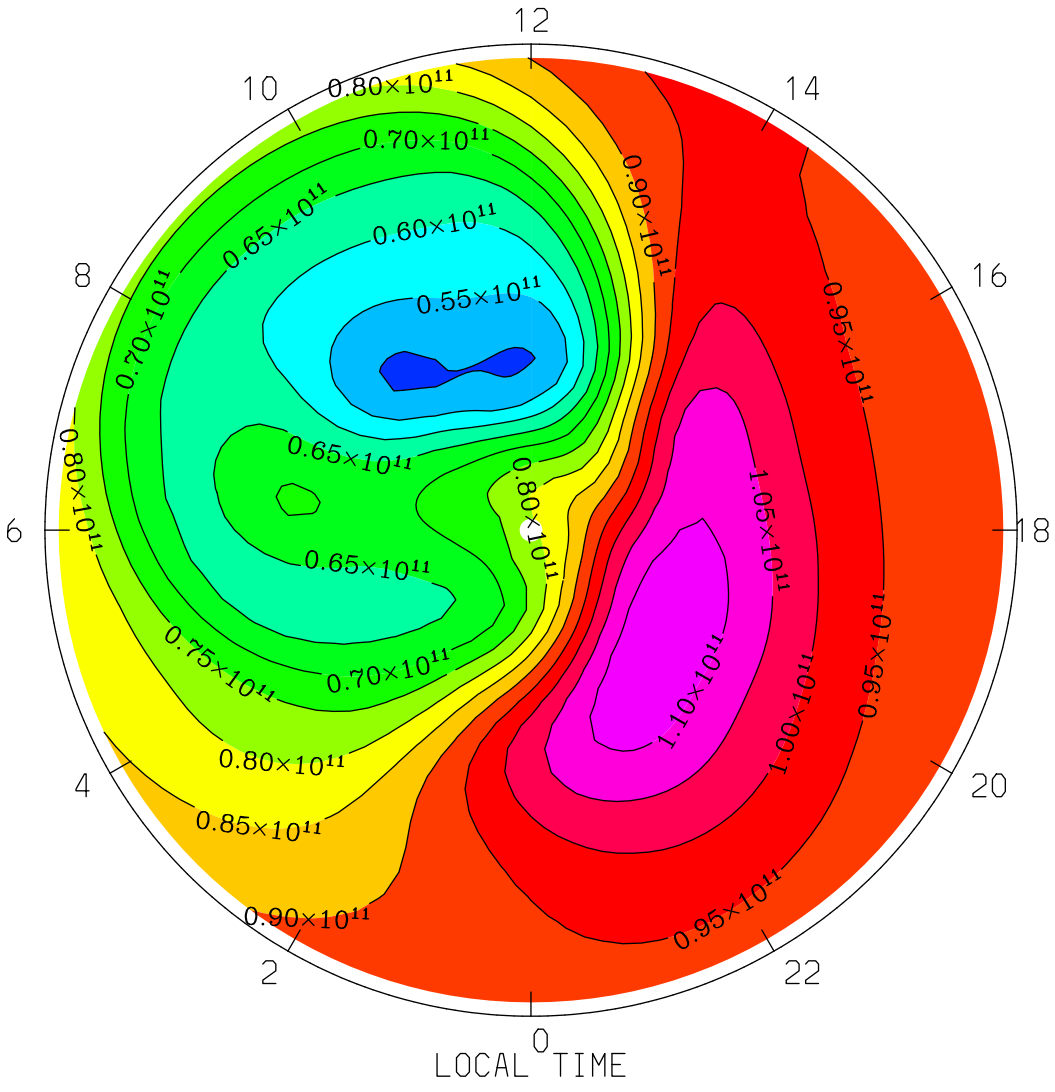
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 4.4625E+10 1.1404E+11 INTERVAL= 5.0000E+09

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

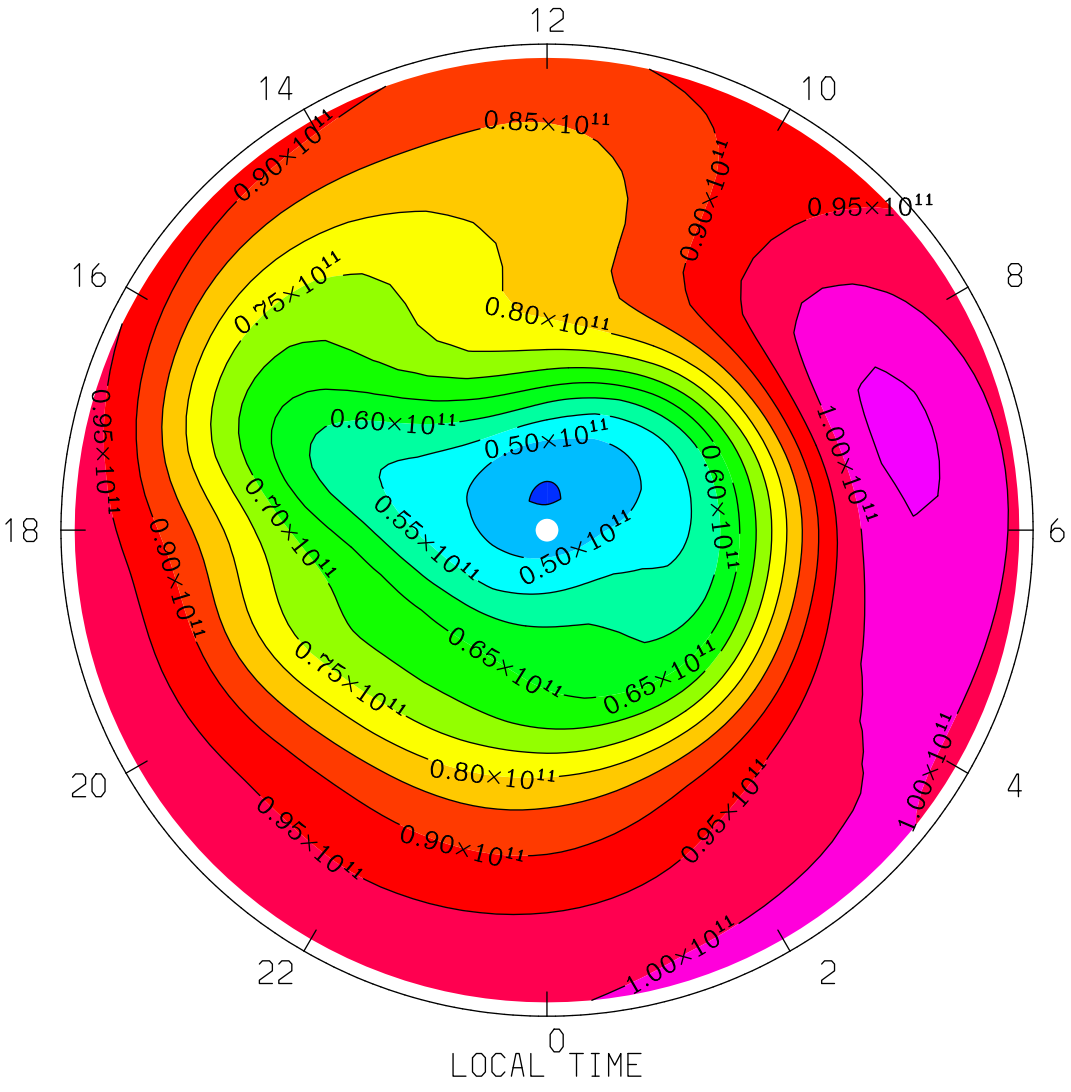
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 4.9066E+10 1.1404E+11 INTERVAL= 5.0000E+09

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

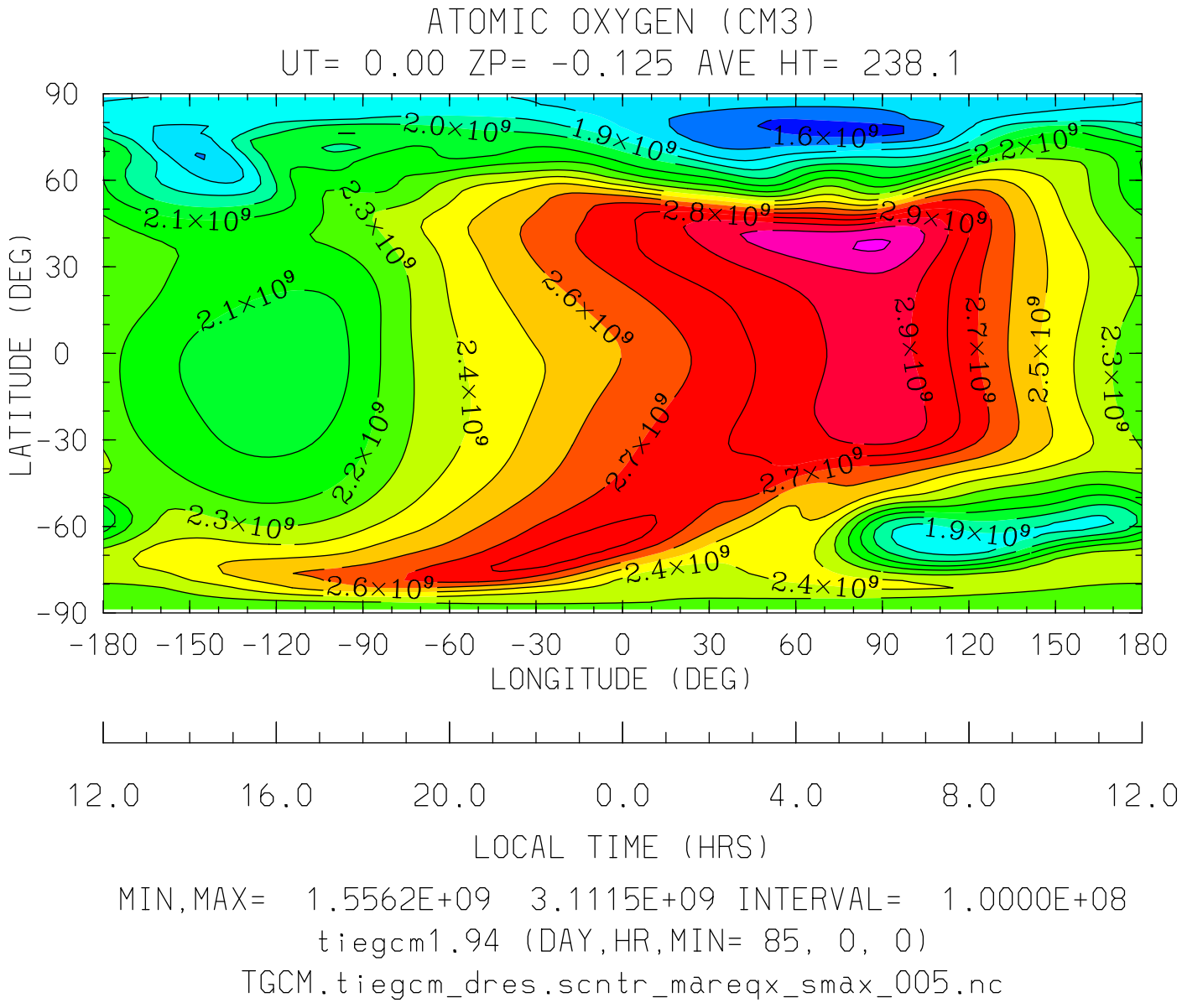
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 4.4625E+10 1.0619E+11 INTERVAL= 5.0000E+09

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

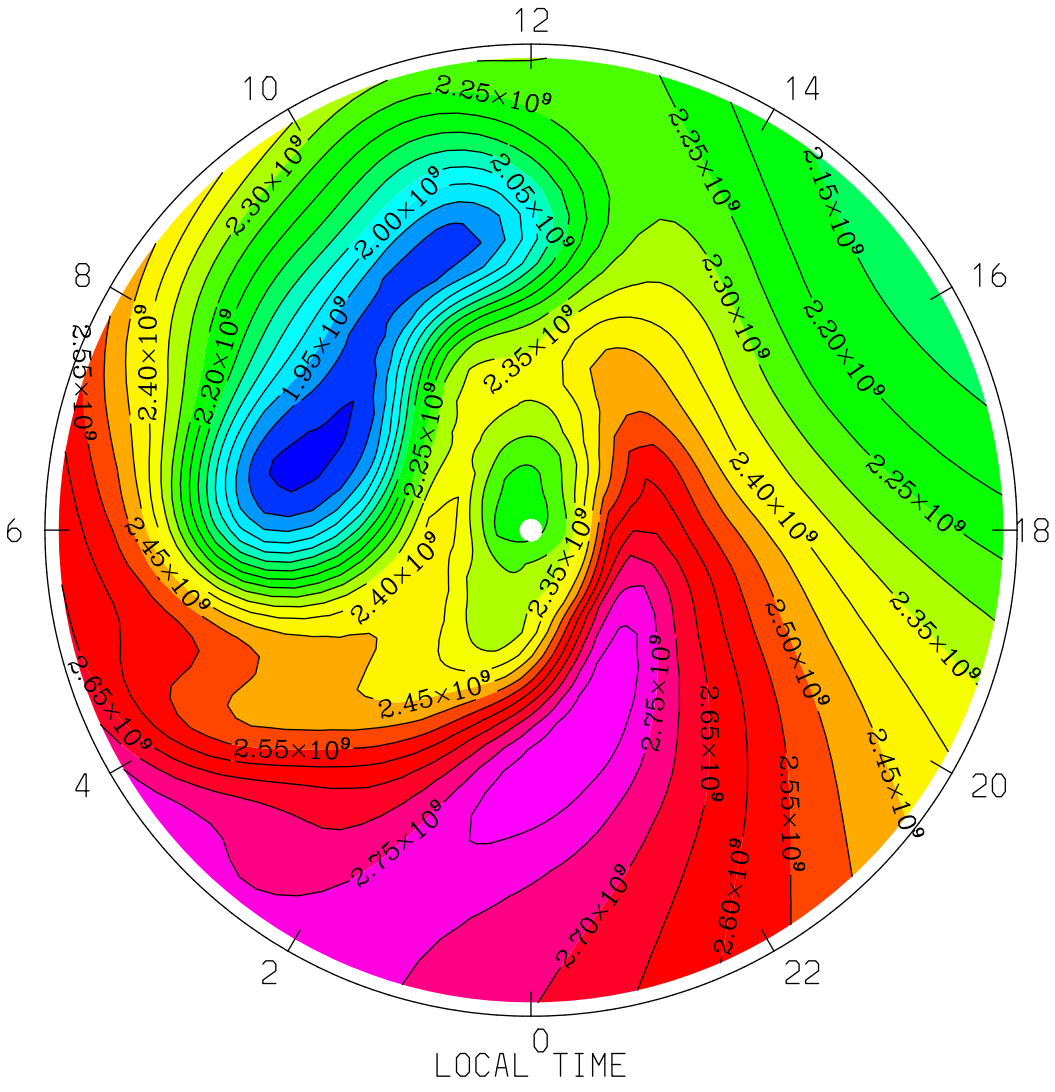
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.5562E+09 3.1115E+09 INTERVAL= 1.0000E+08

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

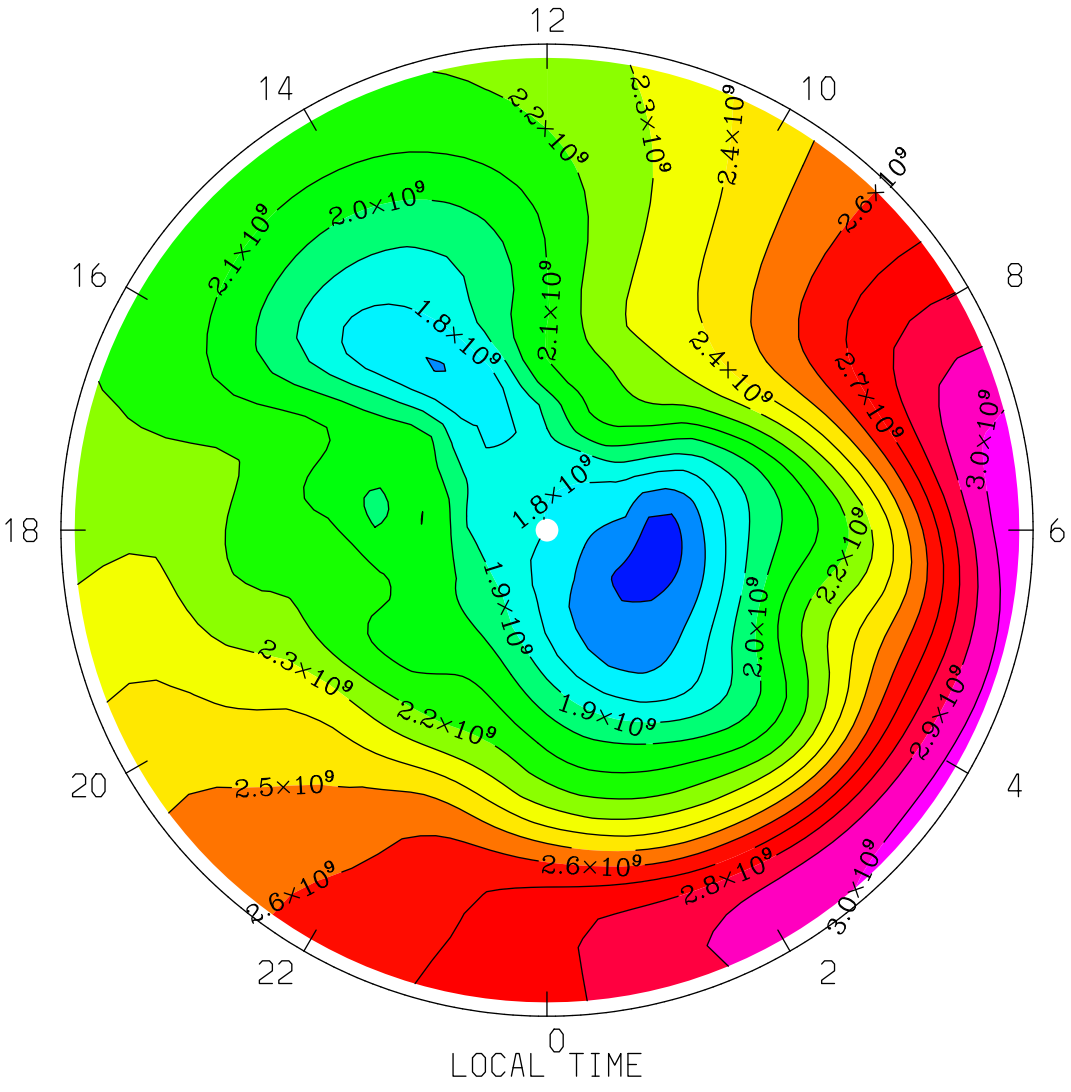
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.8348E+09 2.8438E+09 INTERVAL= 5.0000E+07

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

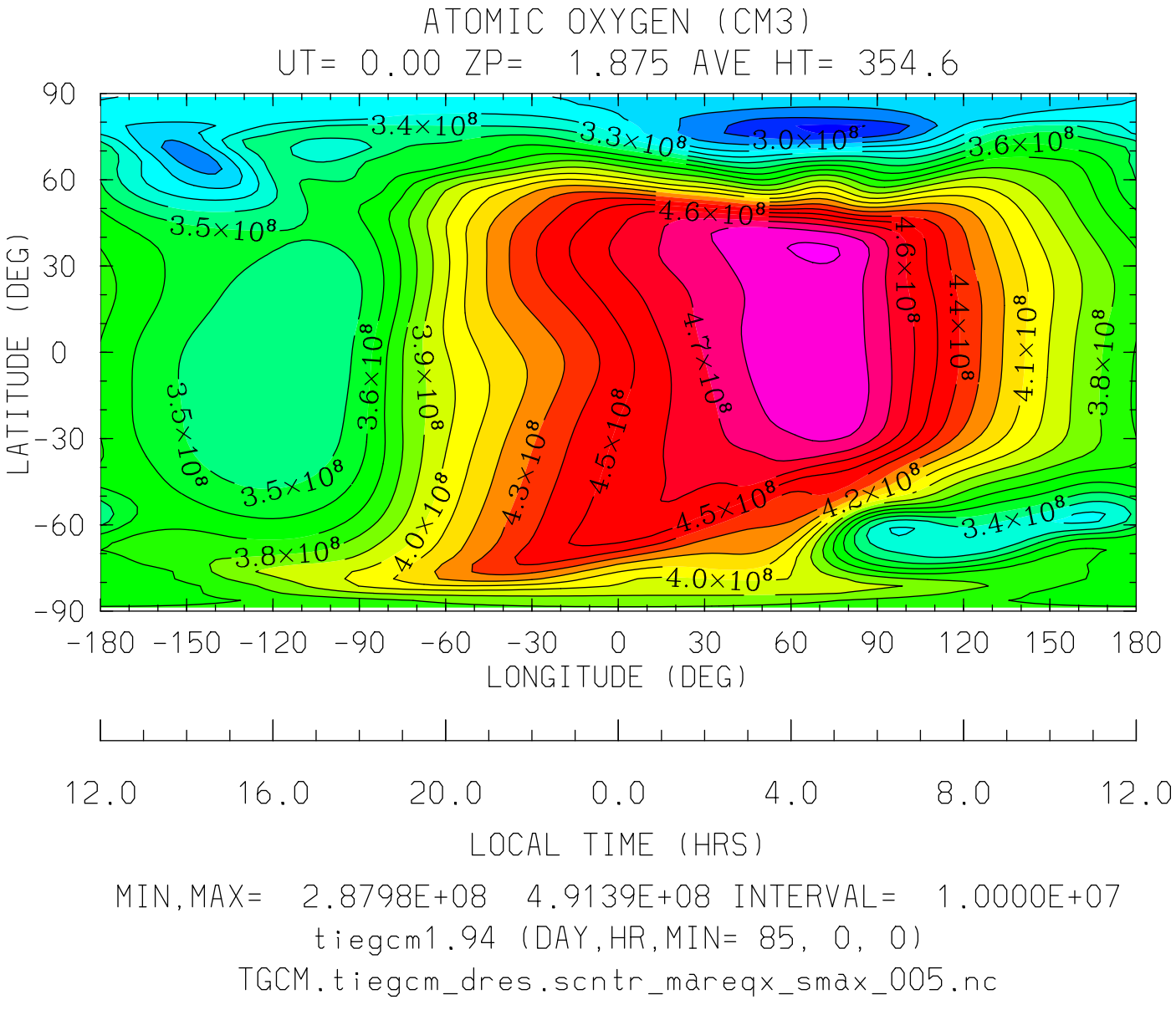
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.5562E+09 3.0773E+09 INTERVAL= 1.0000E+08

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

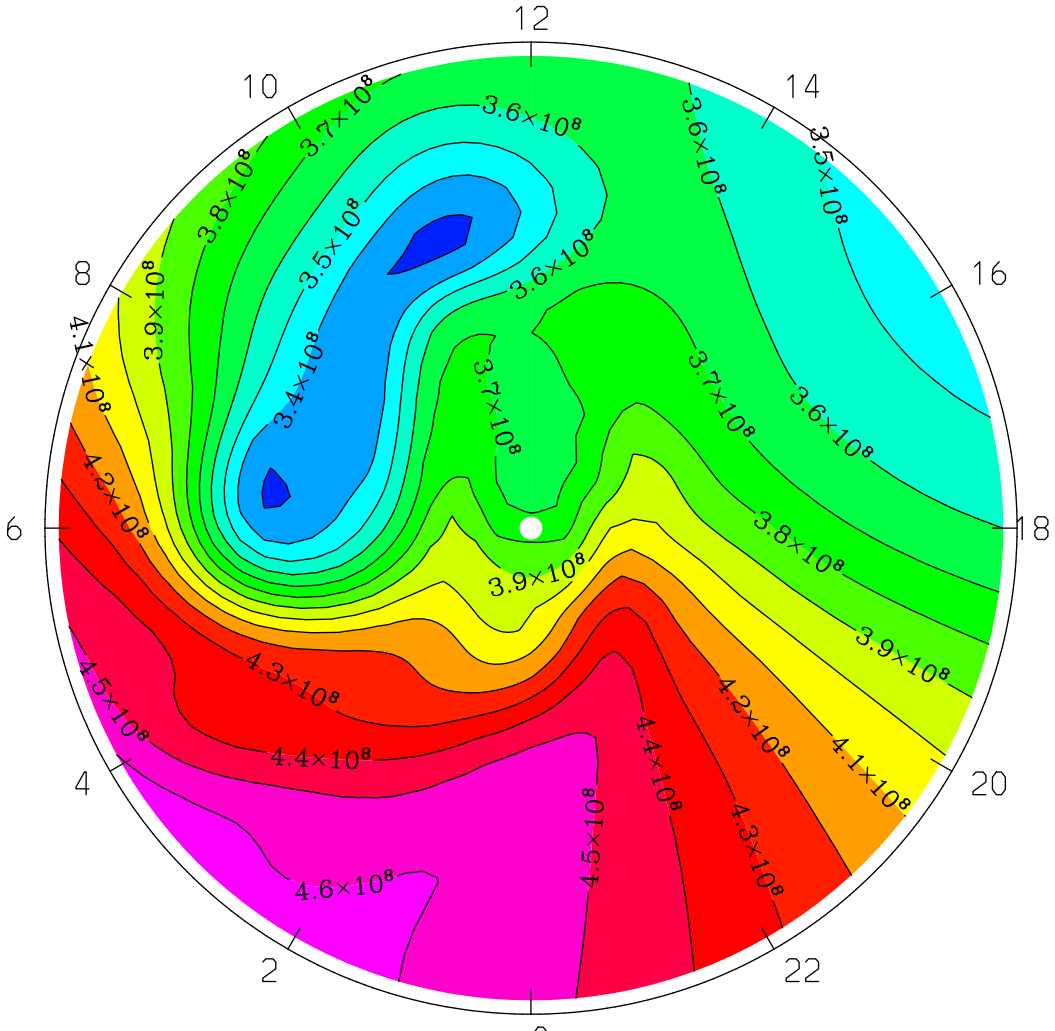


MIN,MAX= 2.8798E+08 4.9139E+08 INTERVAL= 1.0000E+07

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

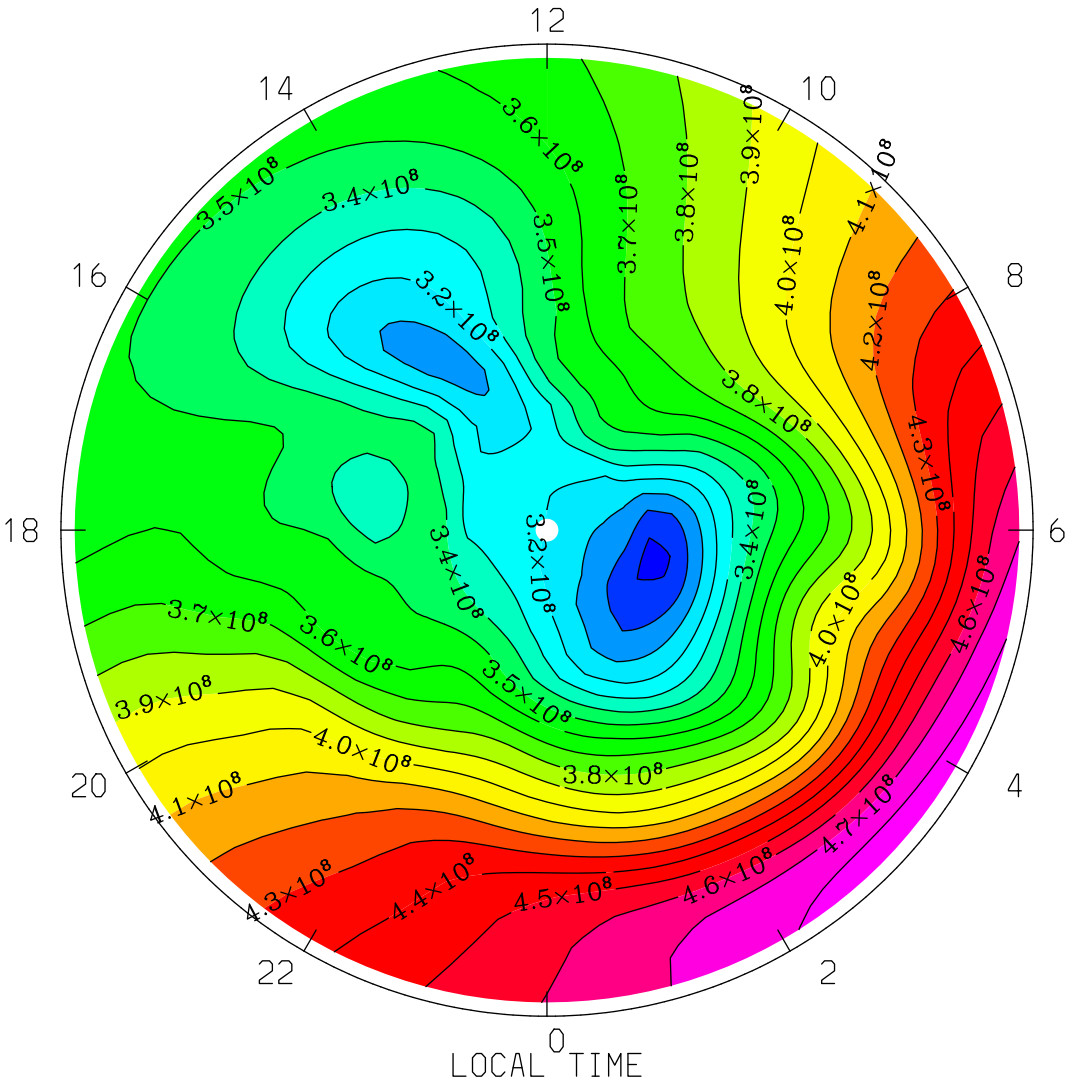
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

ATOMIC OXYGEN (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 354.6 PERIM-LAT=-40.0



LOCAL TIME

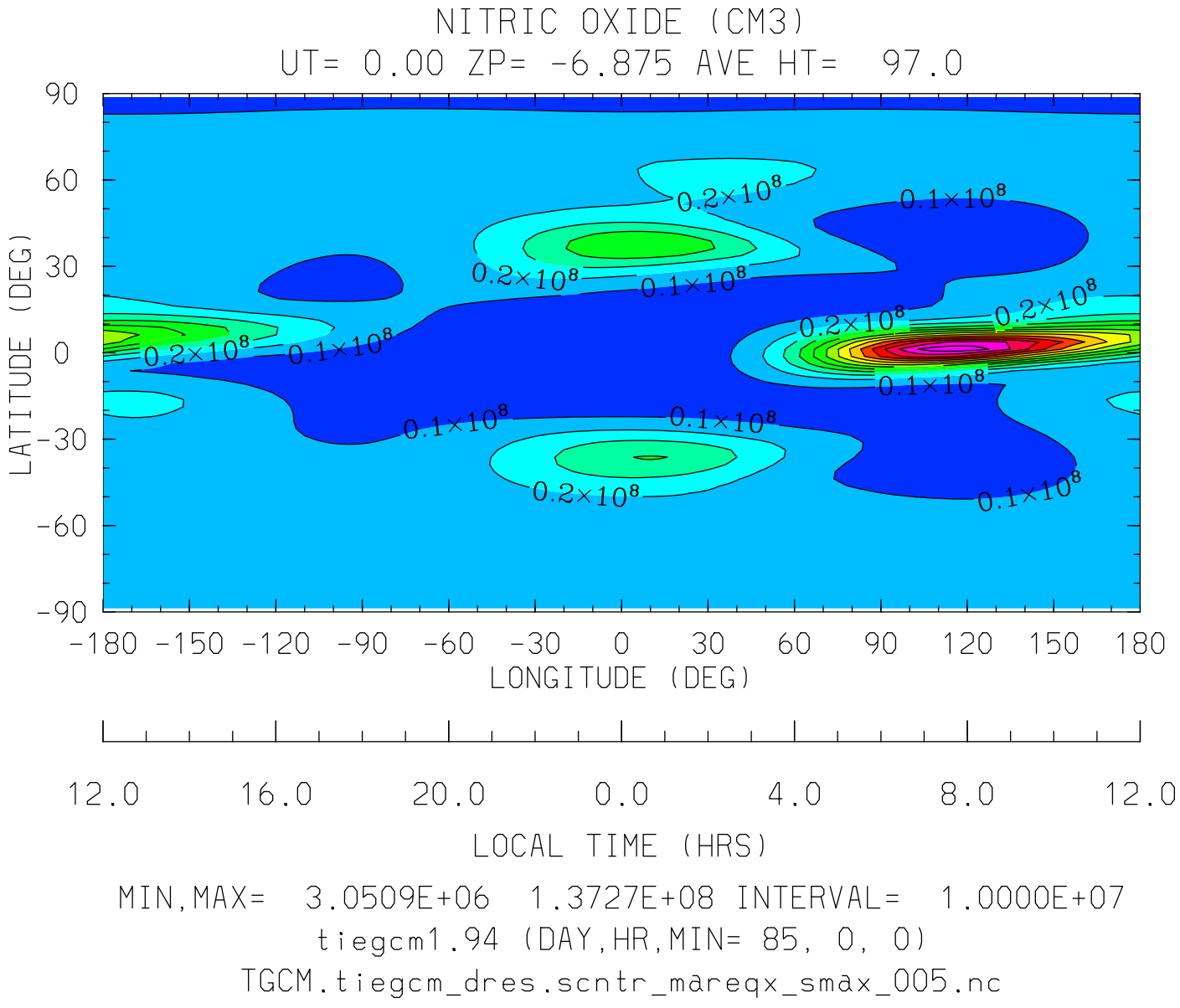
MIN,MAX= 3.2785E+08 4.6567E+08 INTERVAL= 1.0000E+07
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

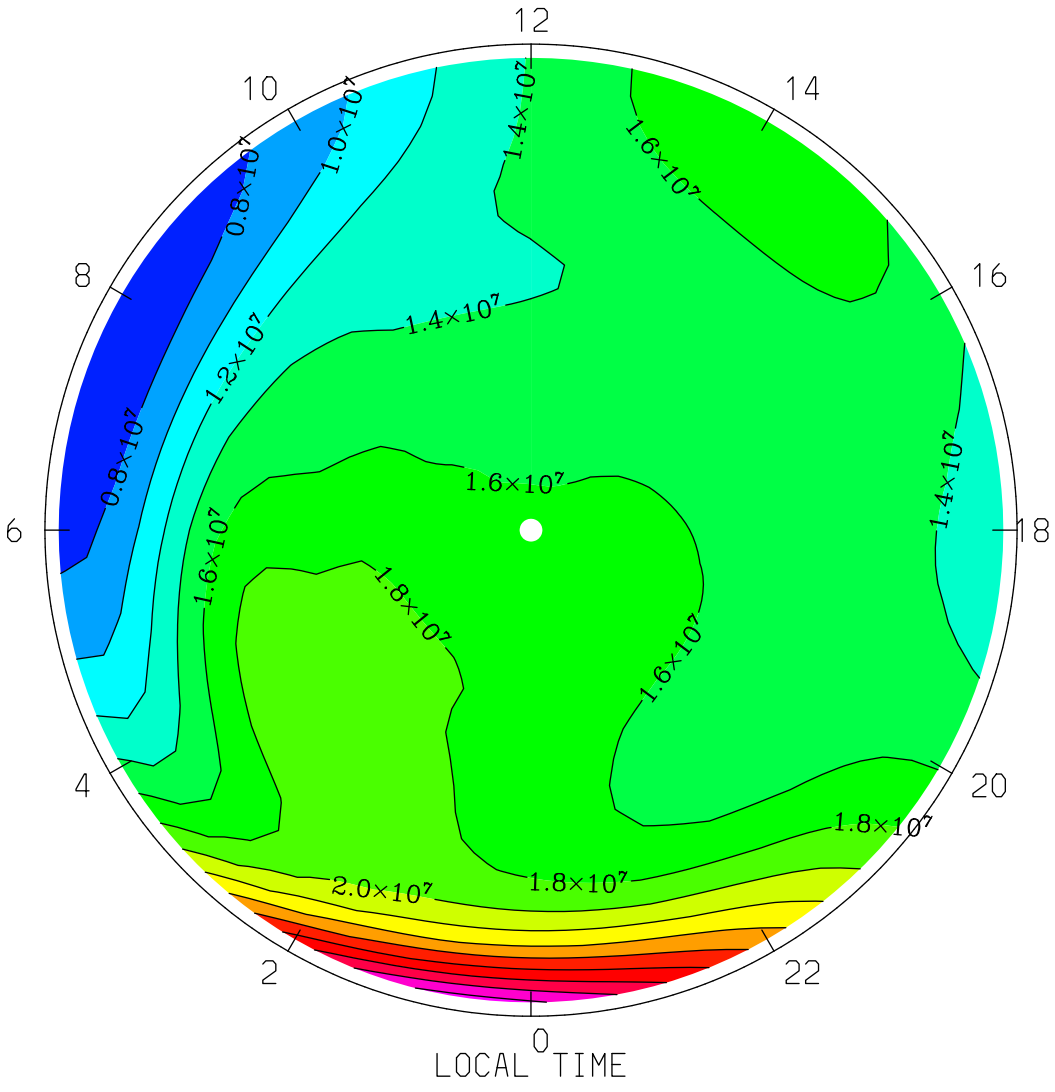


MIN,MAX= 2.8798E+08 4.8595E+08 INTERVAL= 1.0000E+07

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

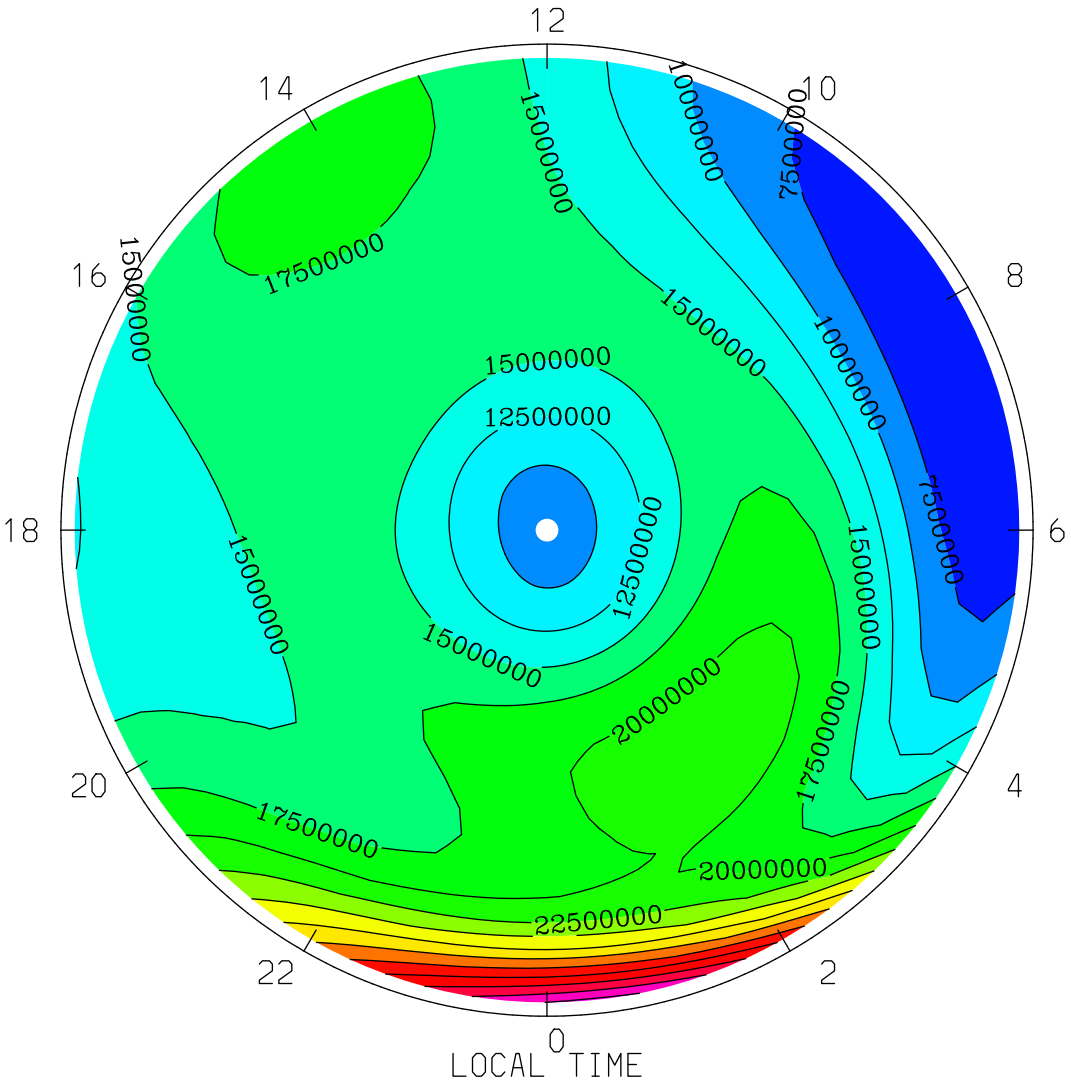

NITRIC OXIDE (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
0.2×10⁸
0.1×10⁸
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.0509E+06 1.3727E+08 INTERVAL= 1.0000E+07
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 6.1590E+06 3.4683E+07 INTERVAL= 2.0000E+06

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

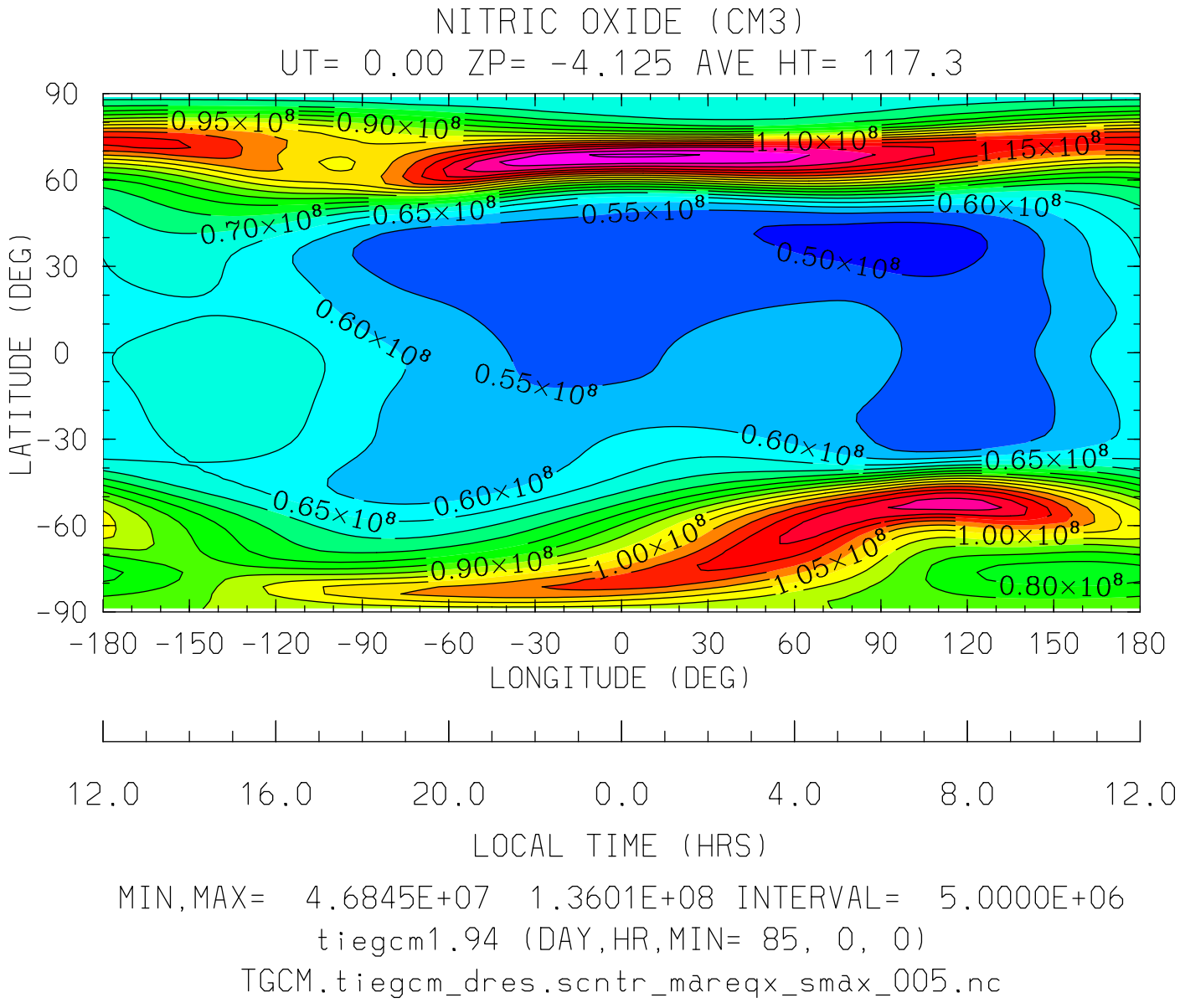
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 5.1572E+06 4.3008E+07 INTERVAL= 2.5000E+06

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

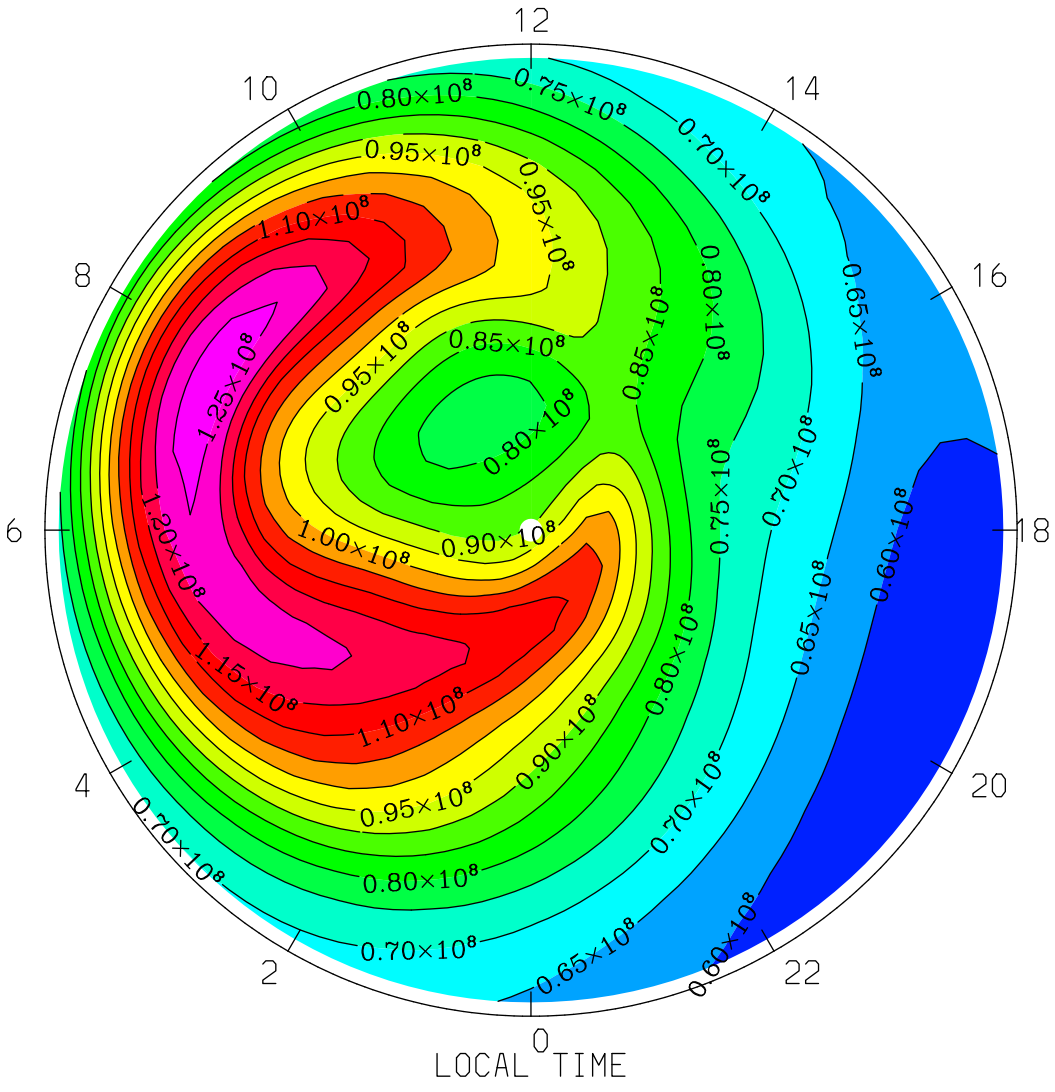
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 4.6845E+07 1.3601E+08 INTERVAL= 5.0000E+06

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

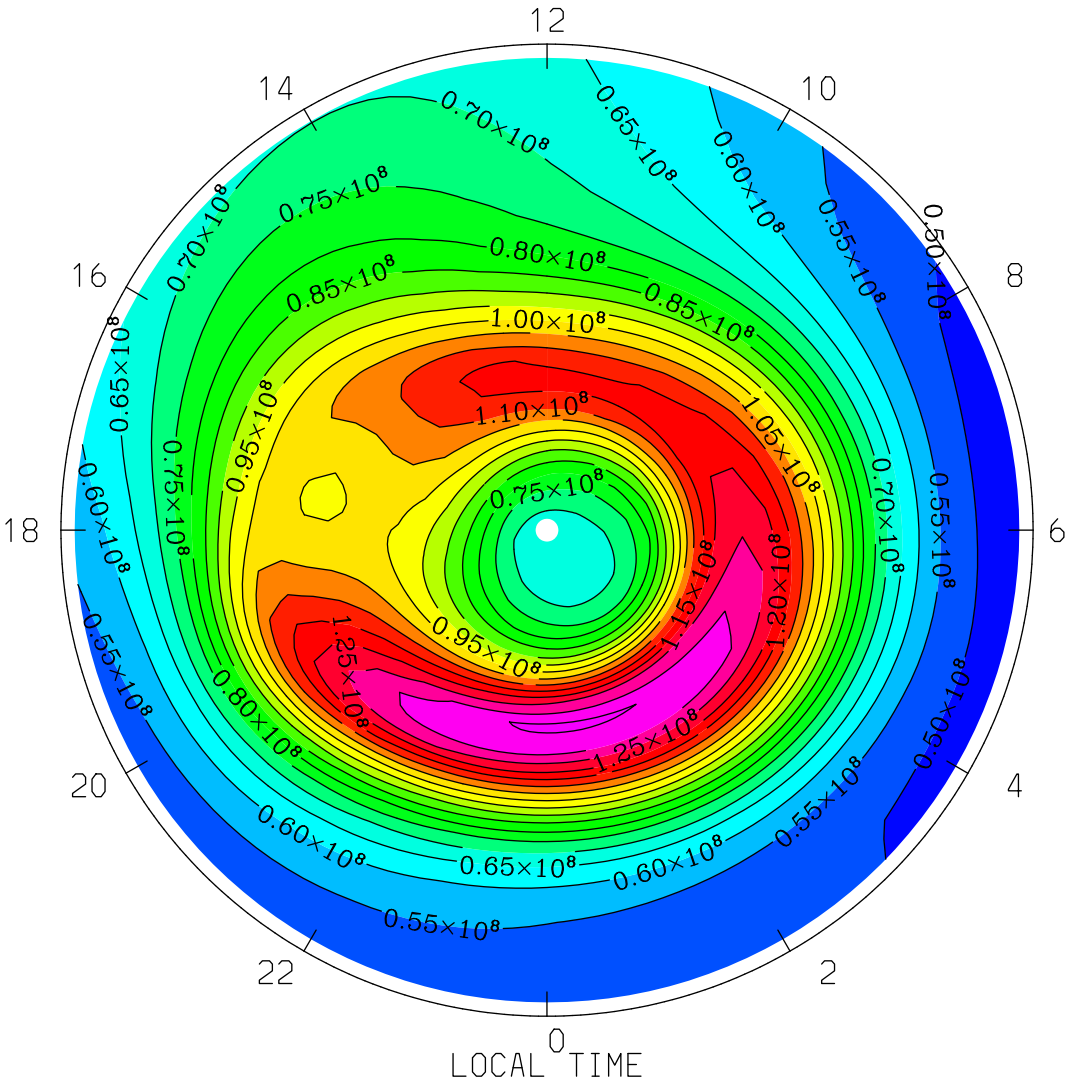
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 5.6329E+07 1.2744E+08 INTERVAL= 5.0000E+06

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

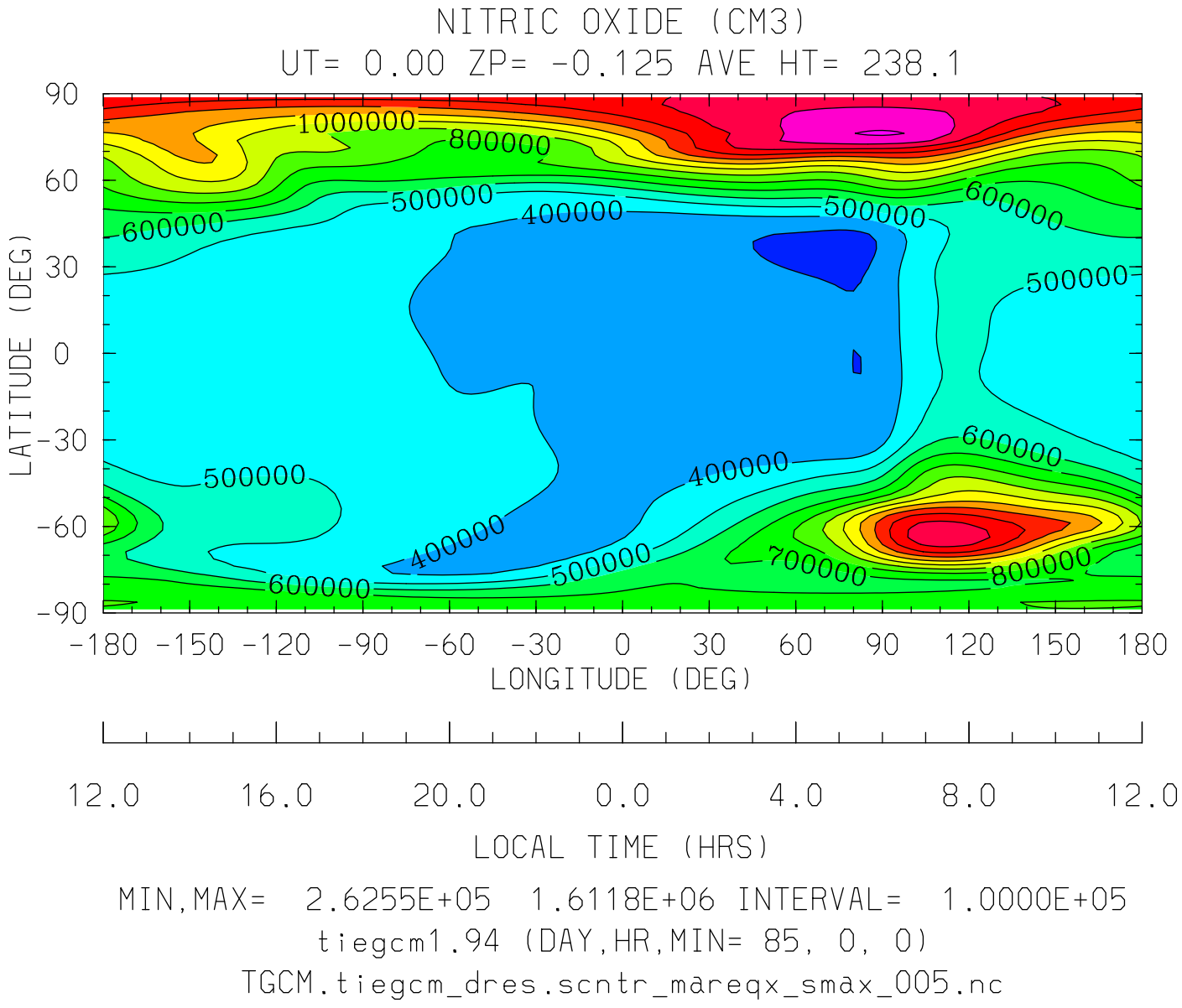
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 4.7187E+07 1.3601E+08 INTERVAL= 5.0000E+06

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

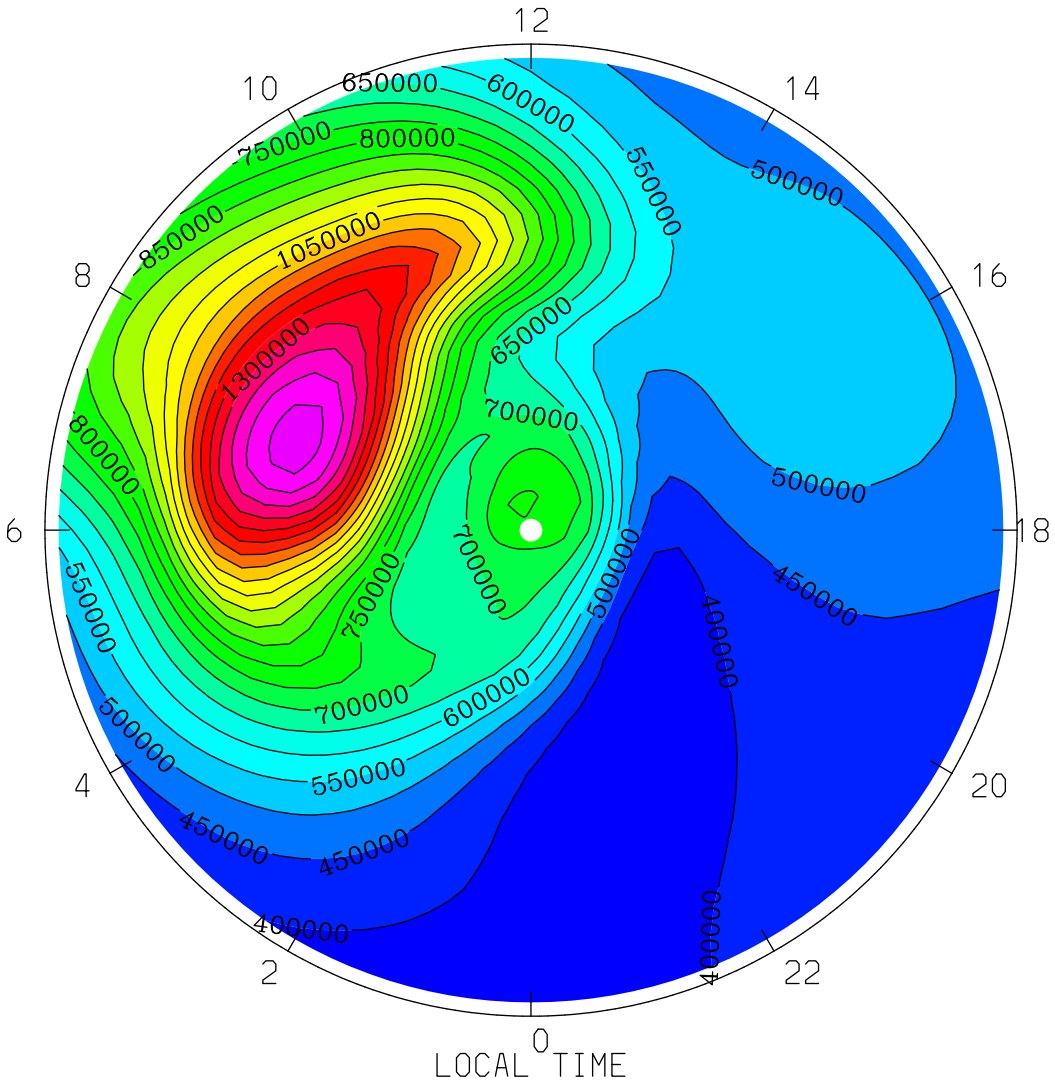
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 2.6255E+05 1.6118E+06 INTERVAL= 1.0000E+05

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

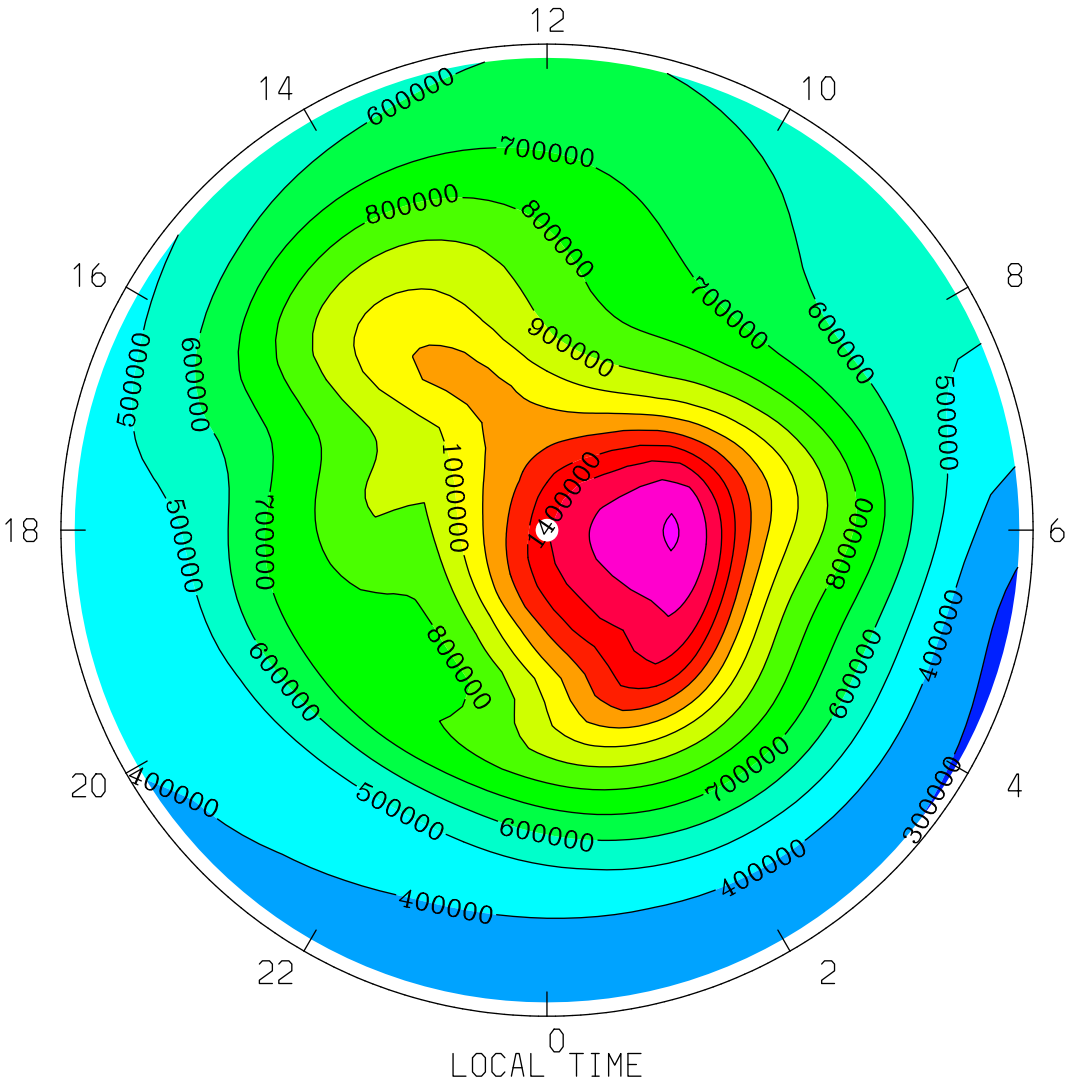
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 3.6270E+05 1.4804E+06 INTERVAL= 5.0000E+04

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

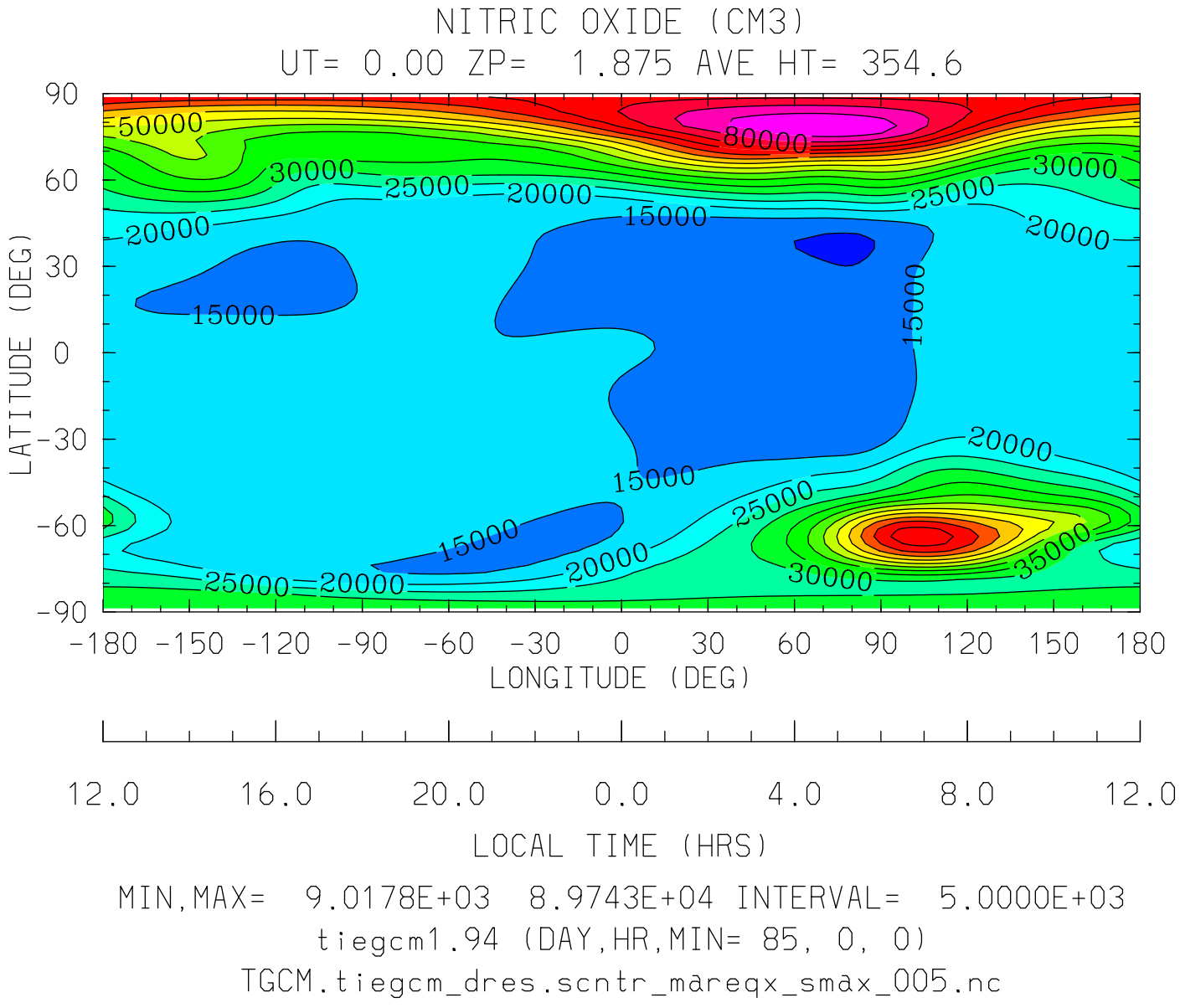
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 2.7898E+05 1.6118E+06 INTERVAL= 1.0000E+05

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

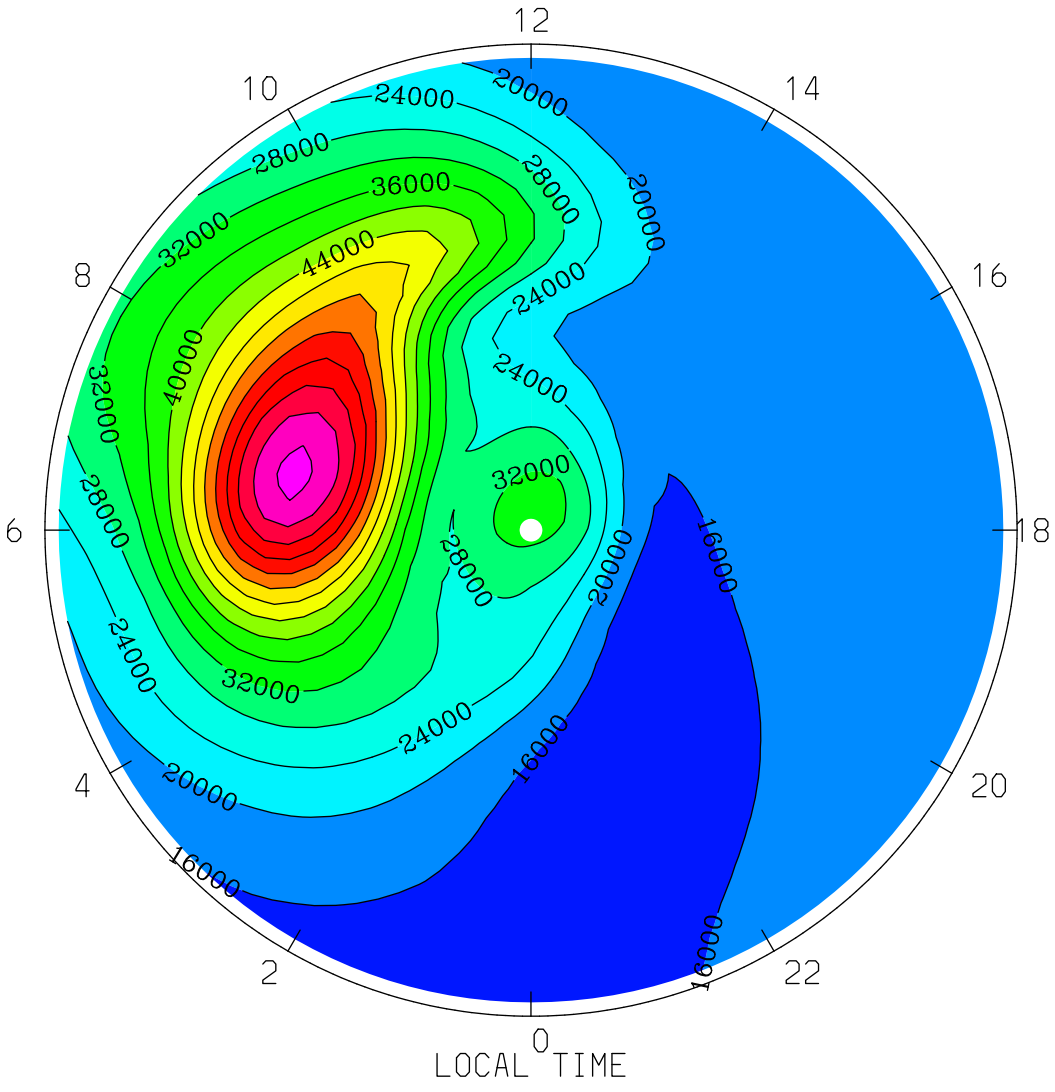
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 9.0178E+03 8.9743E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

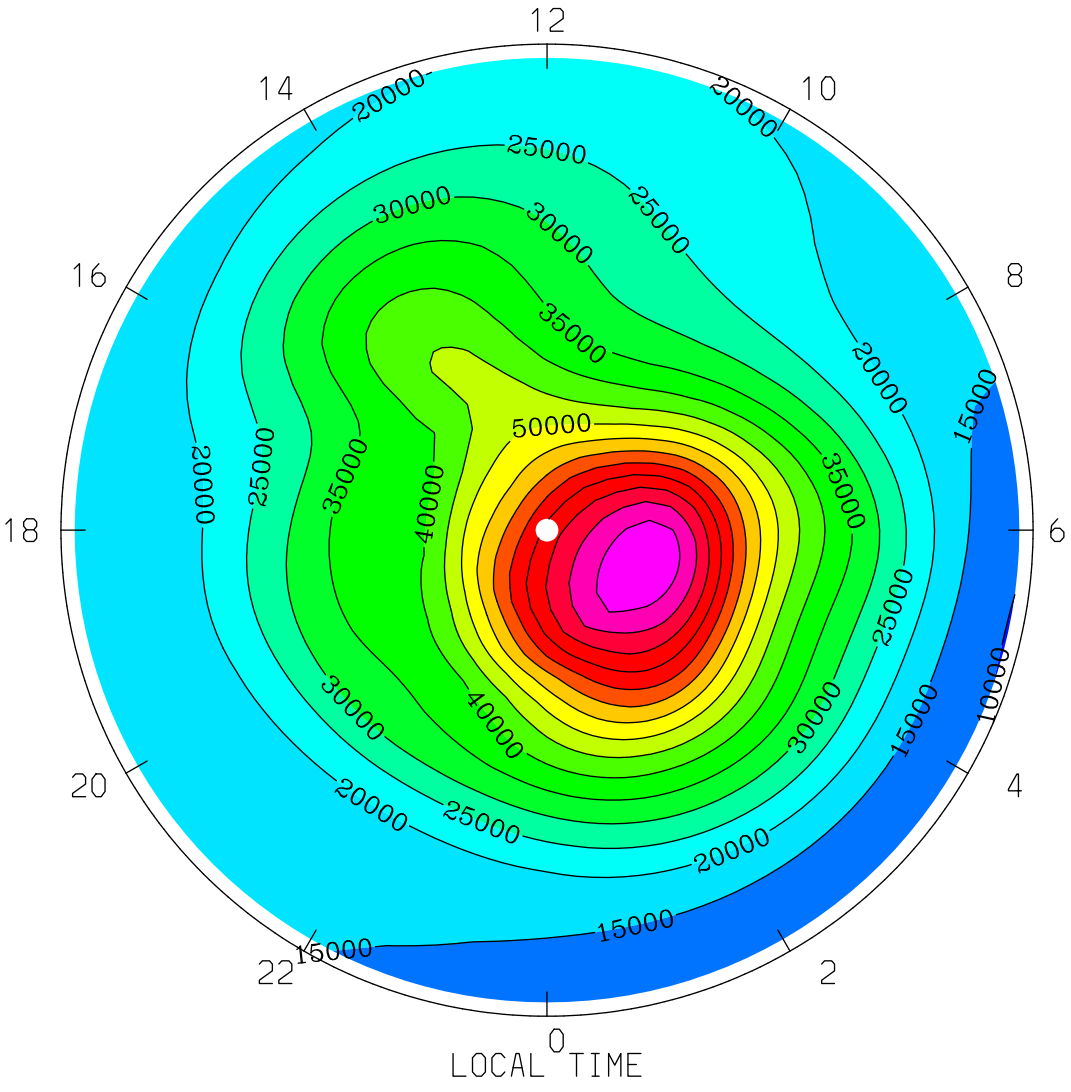
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

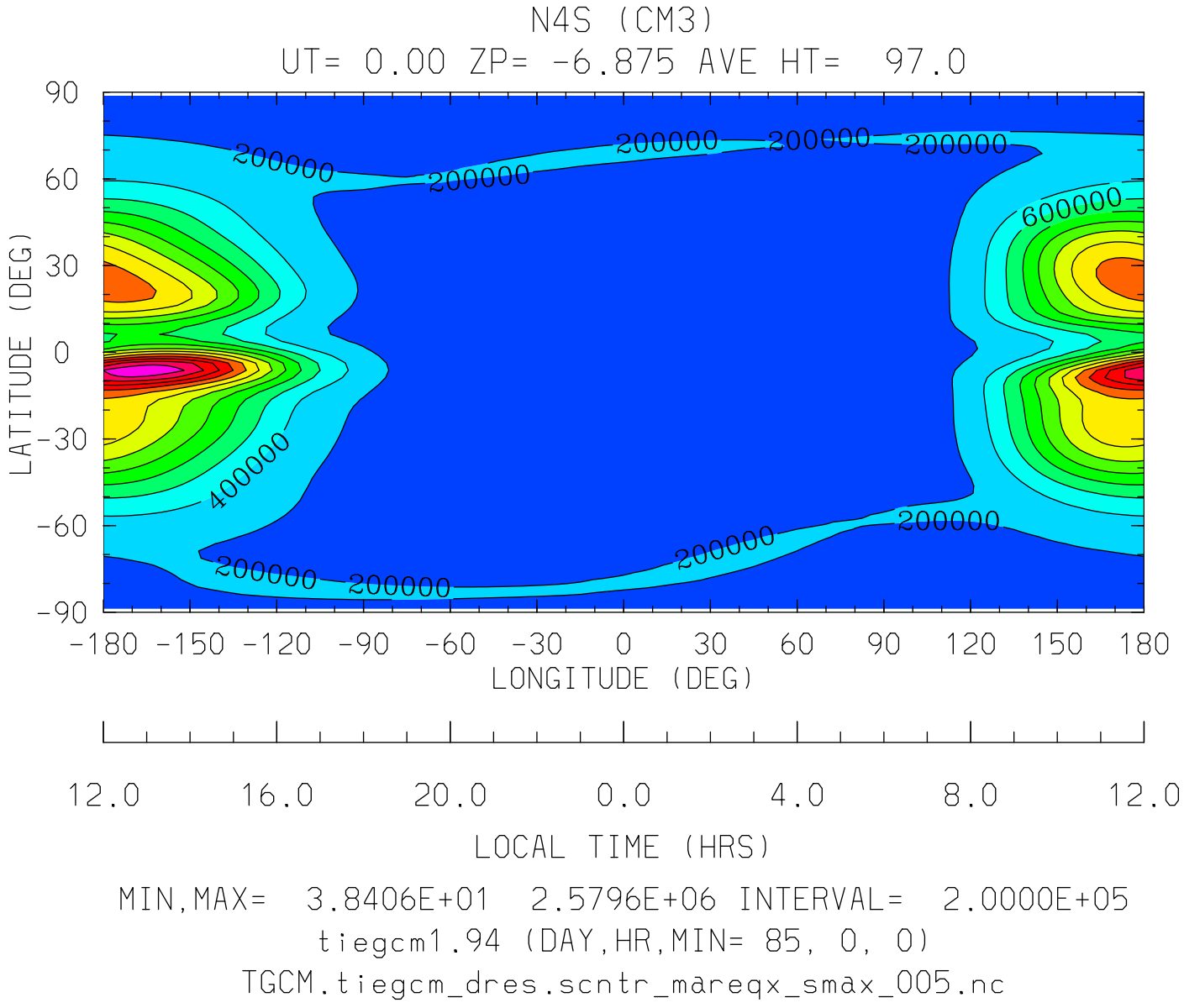


MIN,MAX= 1.3736E+04 7.3271E+04 INTERVAL= 4.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

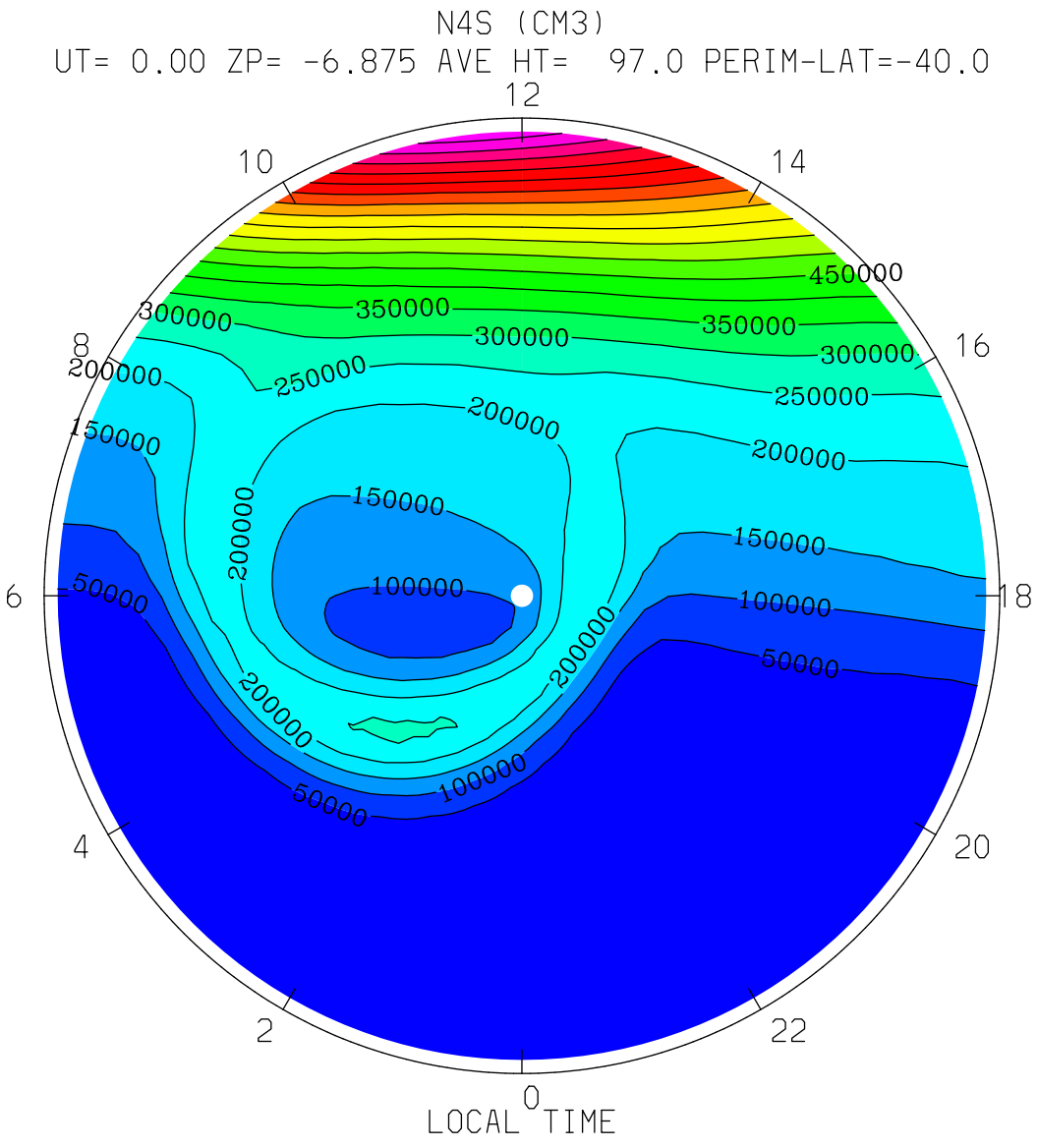

NITRIC OXIDE (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 354.6 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
50000
40000
35000
30000
25000
20000
15000
10000
MIN,MAX= 9.8009E+03 8.9743E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 3.8406E+01 2.5796E+06 INTERVAL= 2.0000E+05

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

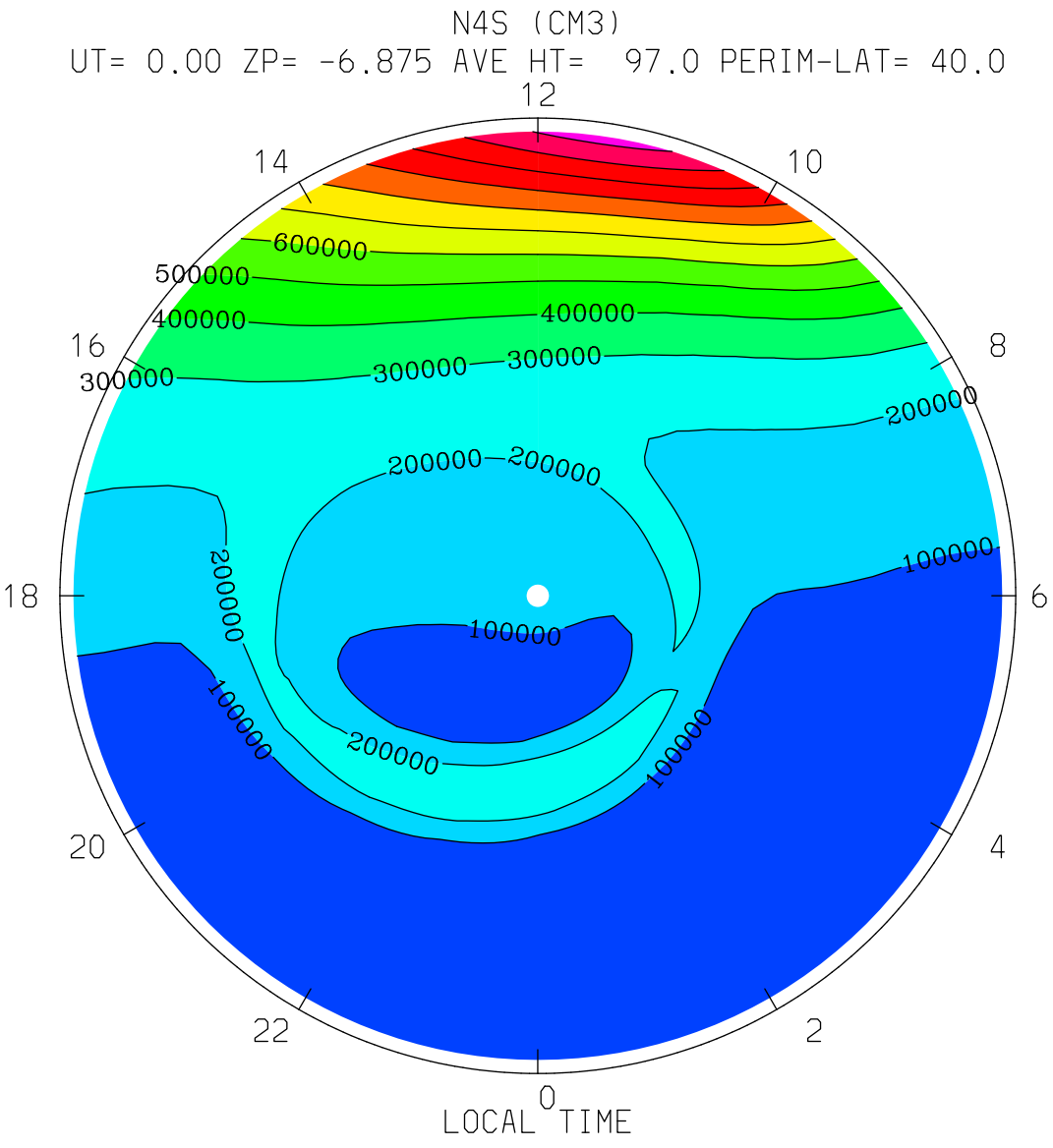
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 3.8406E+01 1.0343E+06 INTERVAL= 5.0000E+04

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

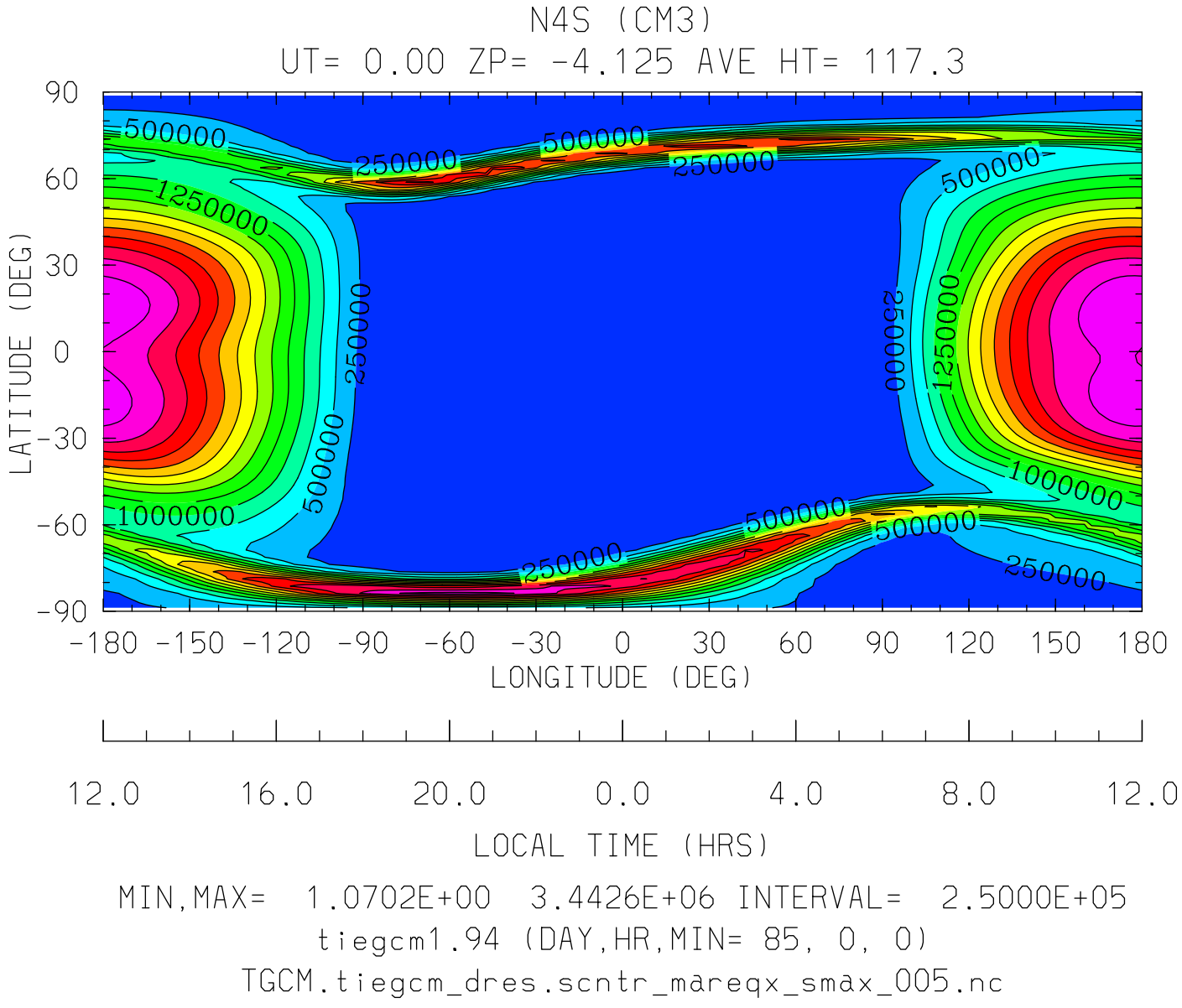
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 3.8581E+01 1.2436E+06 INTERVAL= 1.0000E+05

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

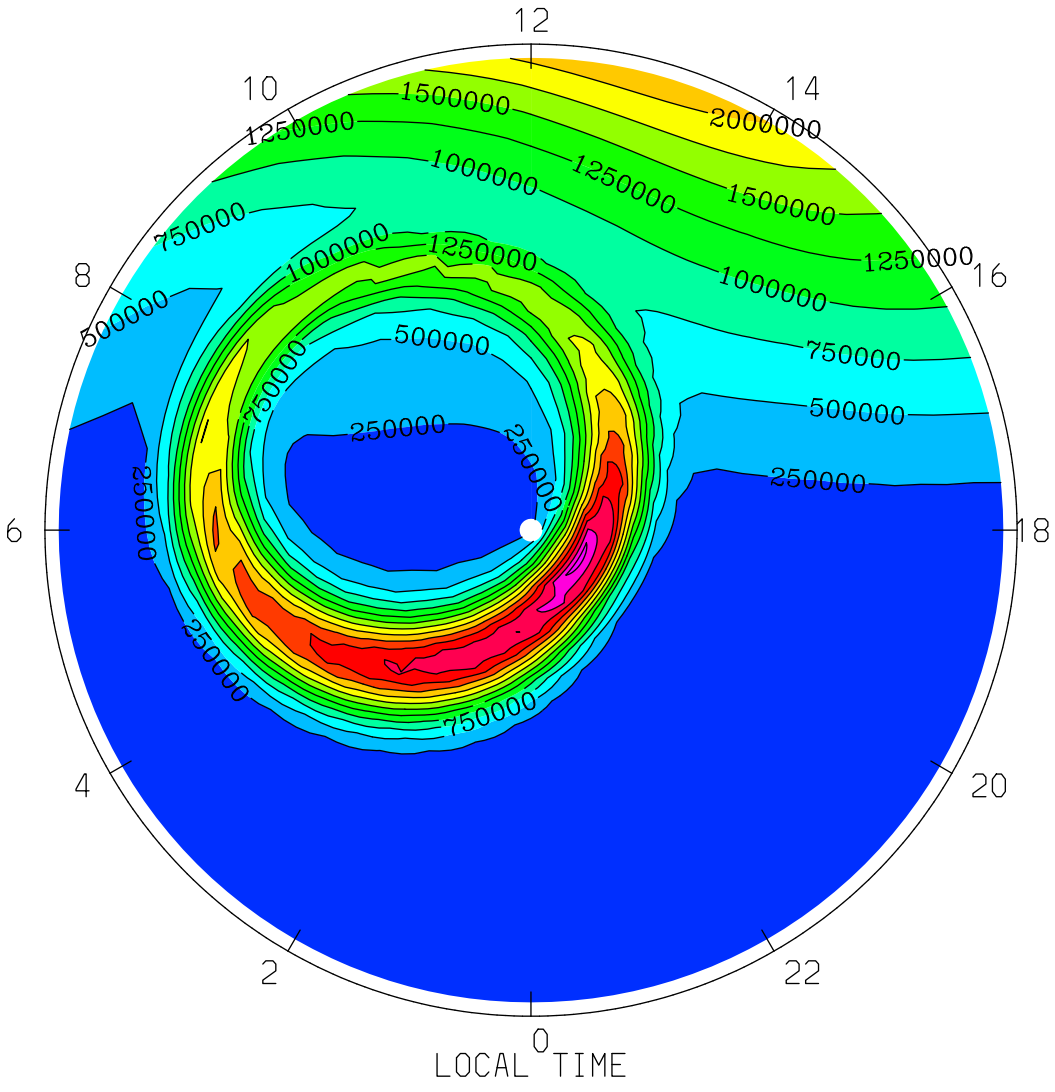
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.0702E+00 3.4426E+06 INTERVAL= 2.5000E+05

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

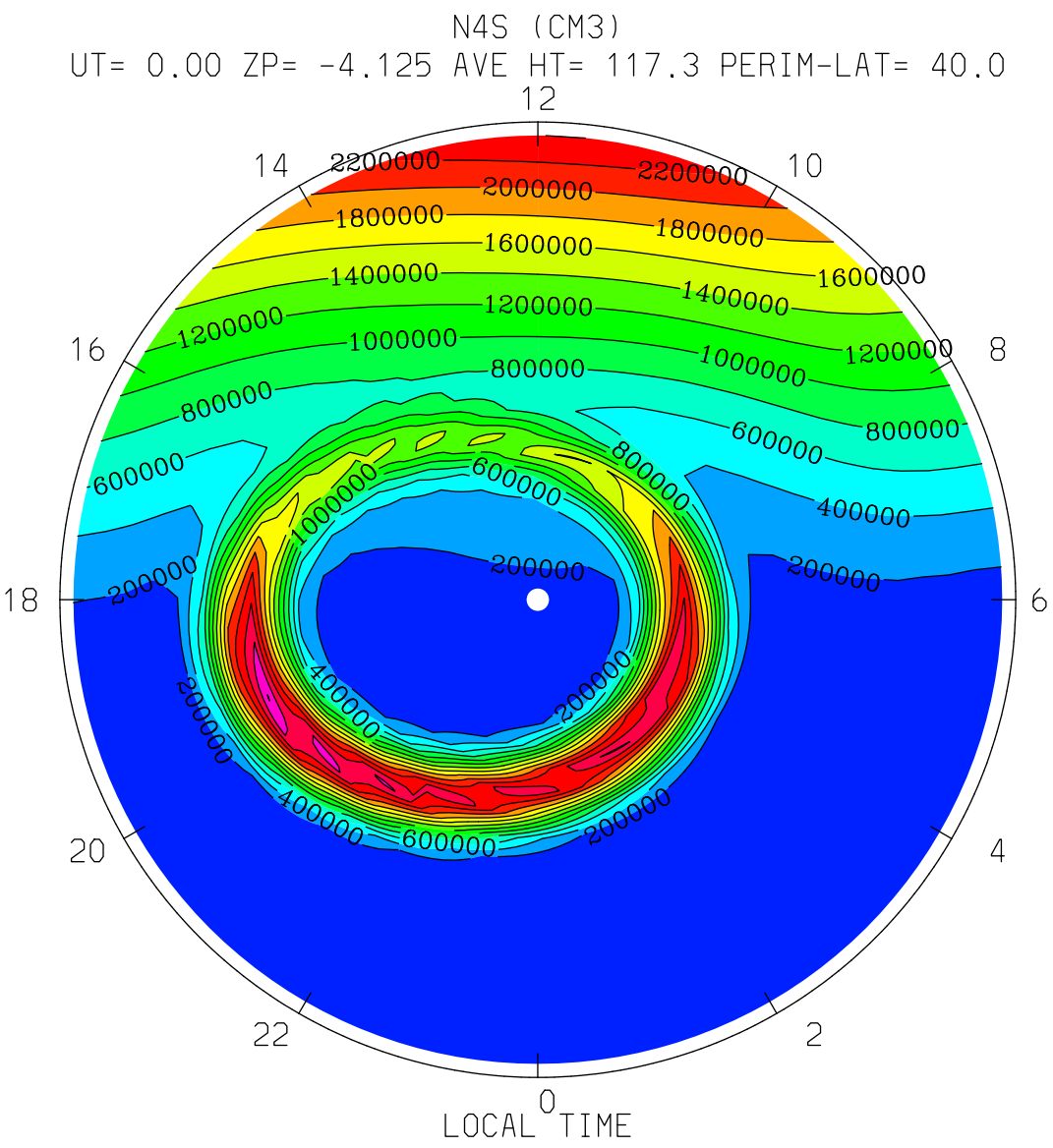
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

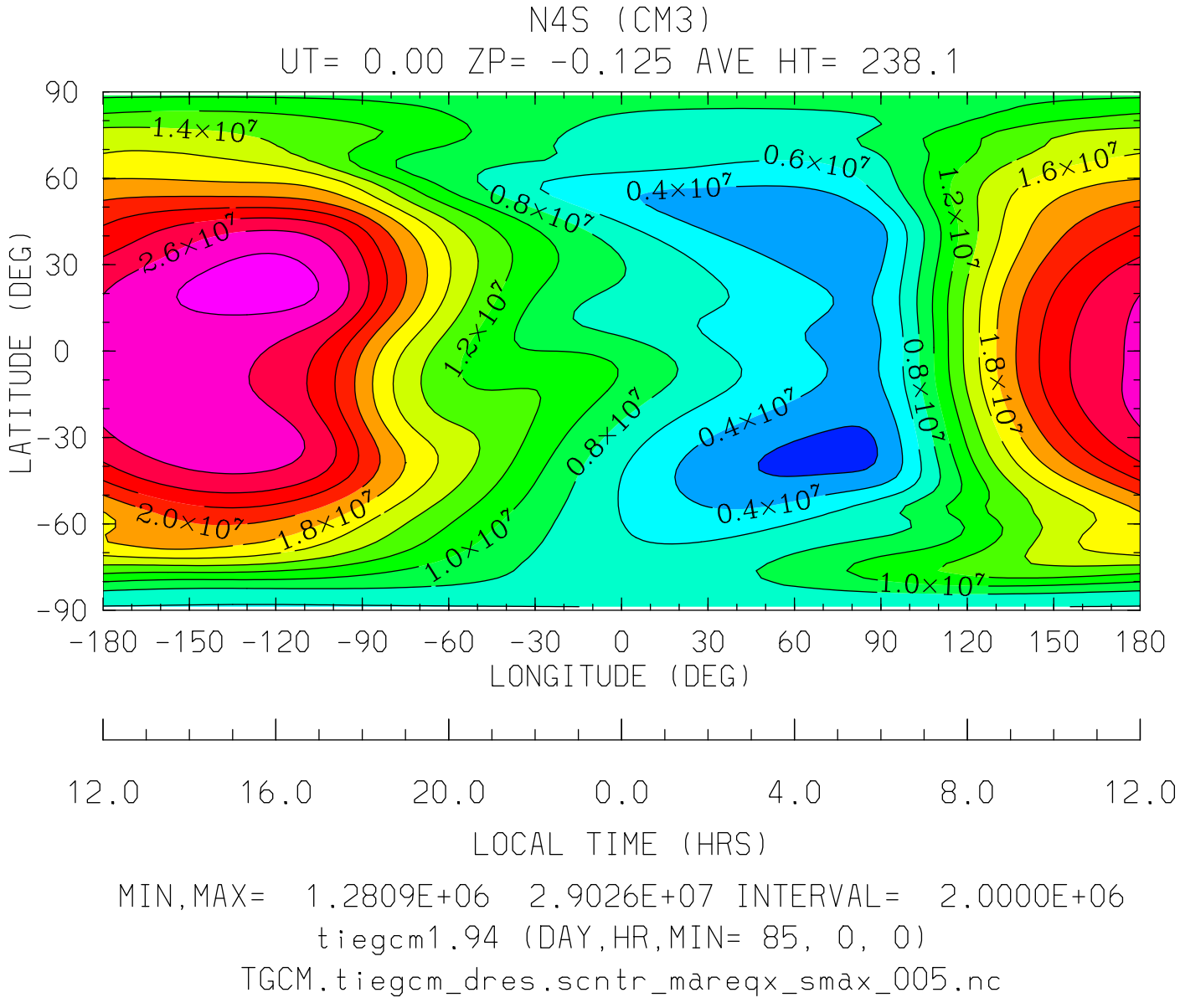


MIN,MAX= 1.0868E+00 3.3501E+06 INTERVAL= 2.5000E+05

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

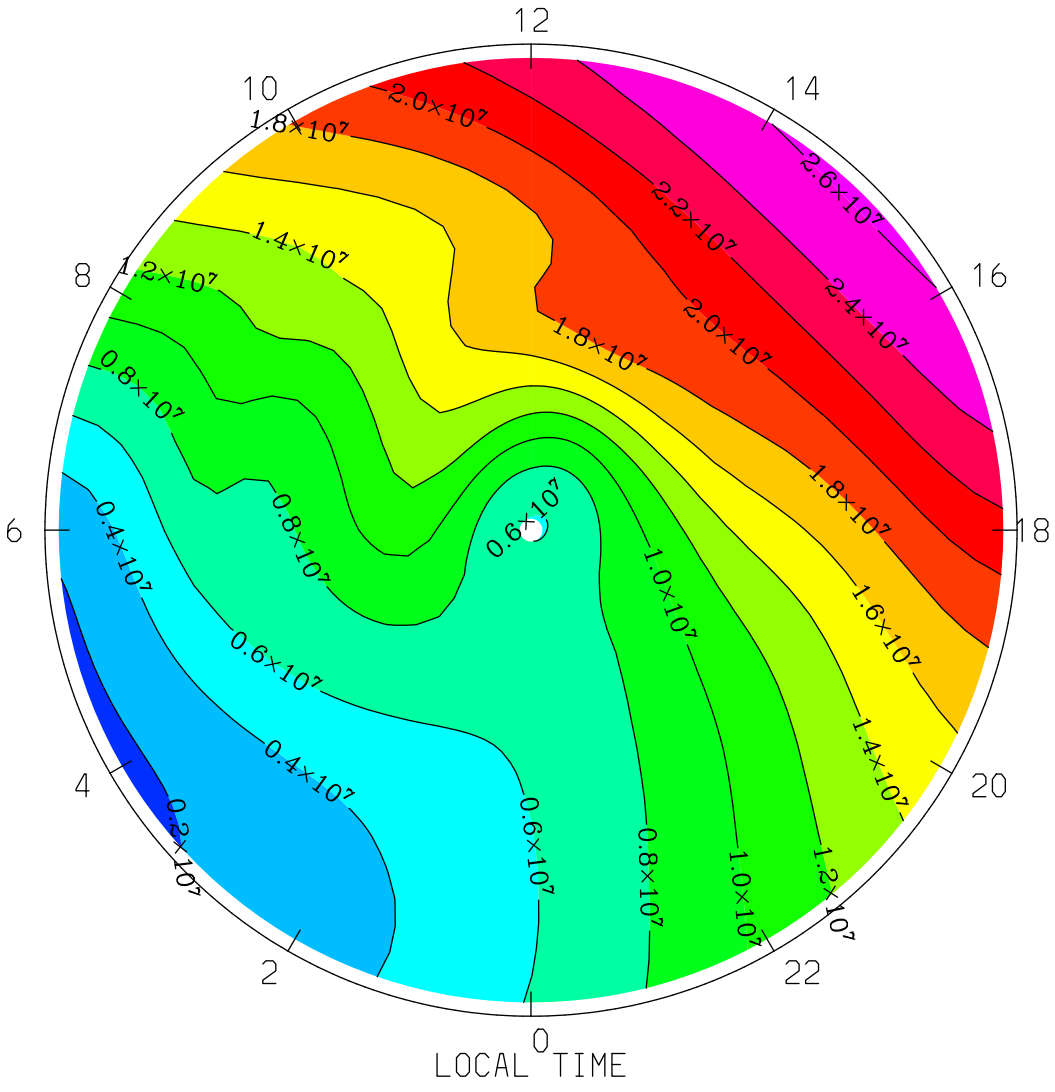

N4S (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.3 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
2200000
2000000
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
LOCAL TIME
MIN,MAX= 1.0702E+00 2.8038E+06 INTERVAL= 2.0000E+05
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.2809E+06 2.9026E+07 INTERVAL= 2.0000E+06

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

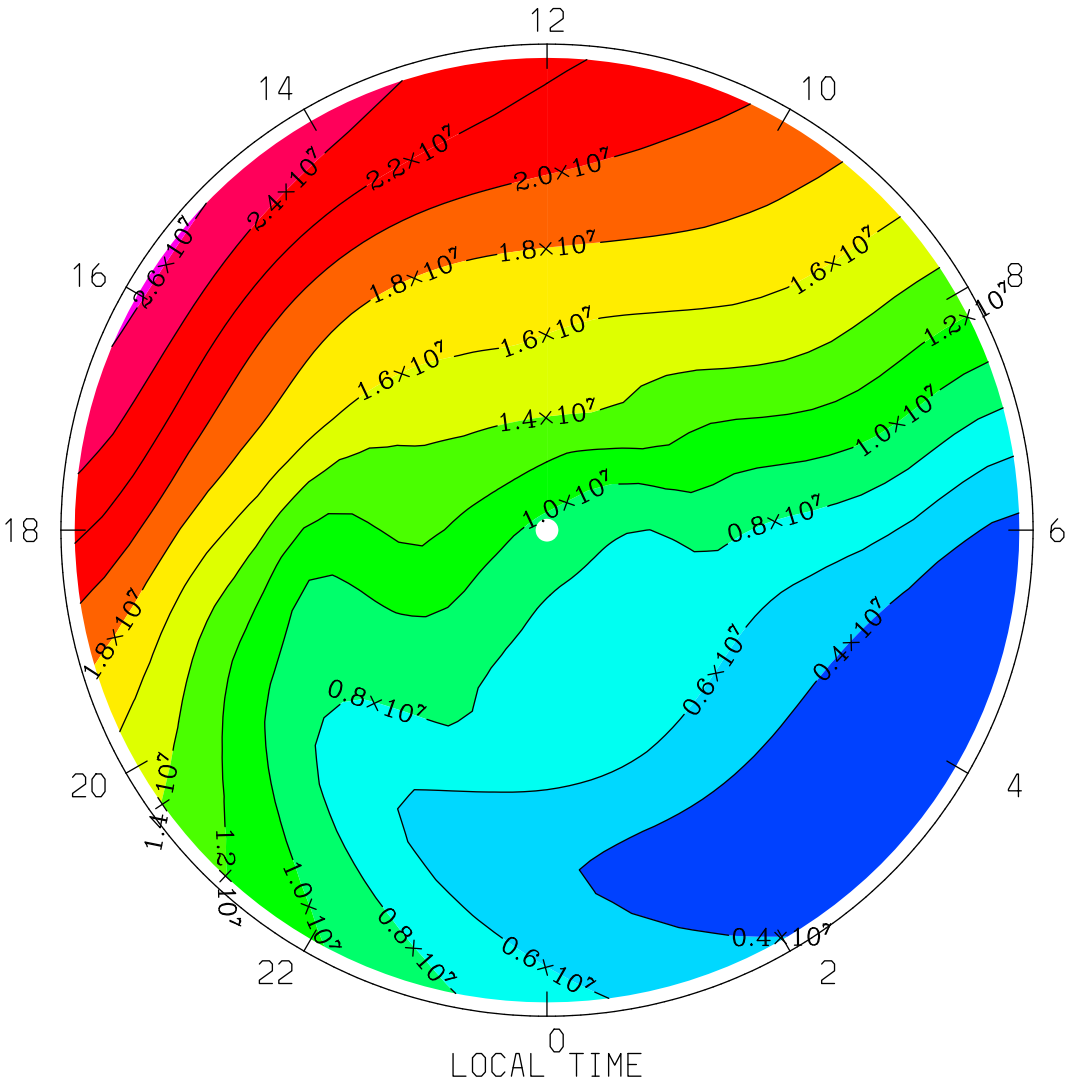
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.6927E+06 2.6314E+07 INTERVAL= 2.0000E+06

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

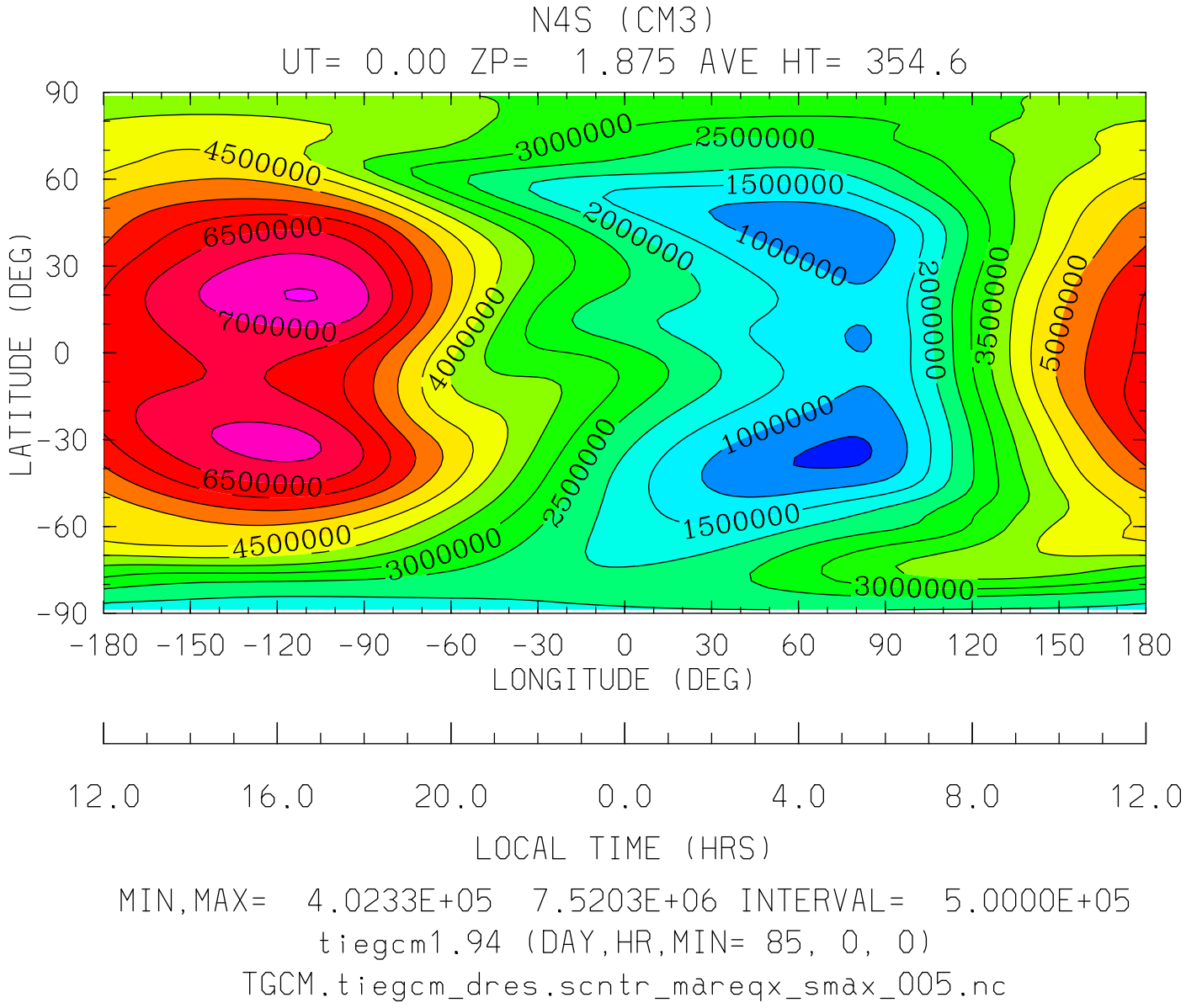
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 2.1322E+06 2.6266E+07 INTERVAL= 2.0000E+06

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

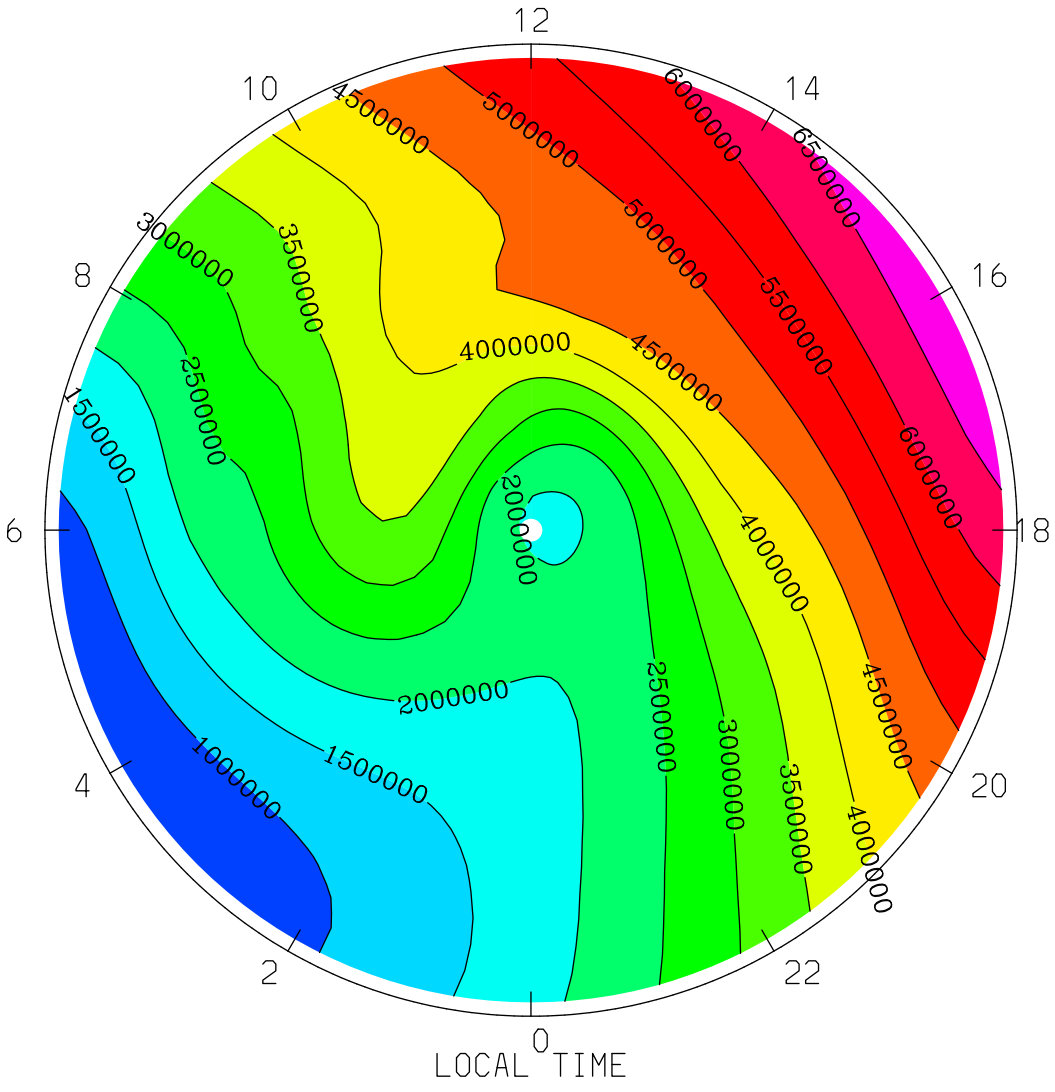
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

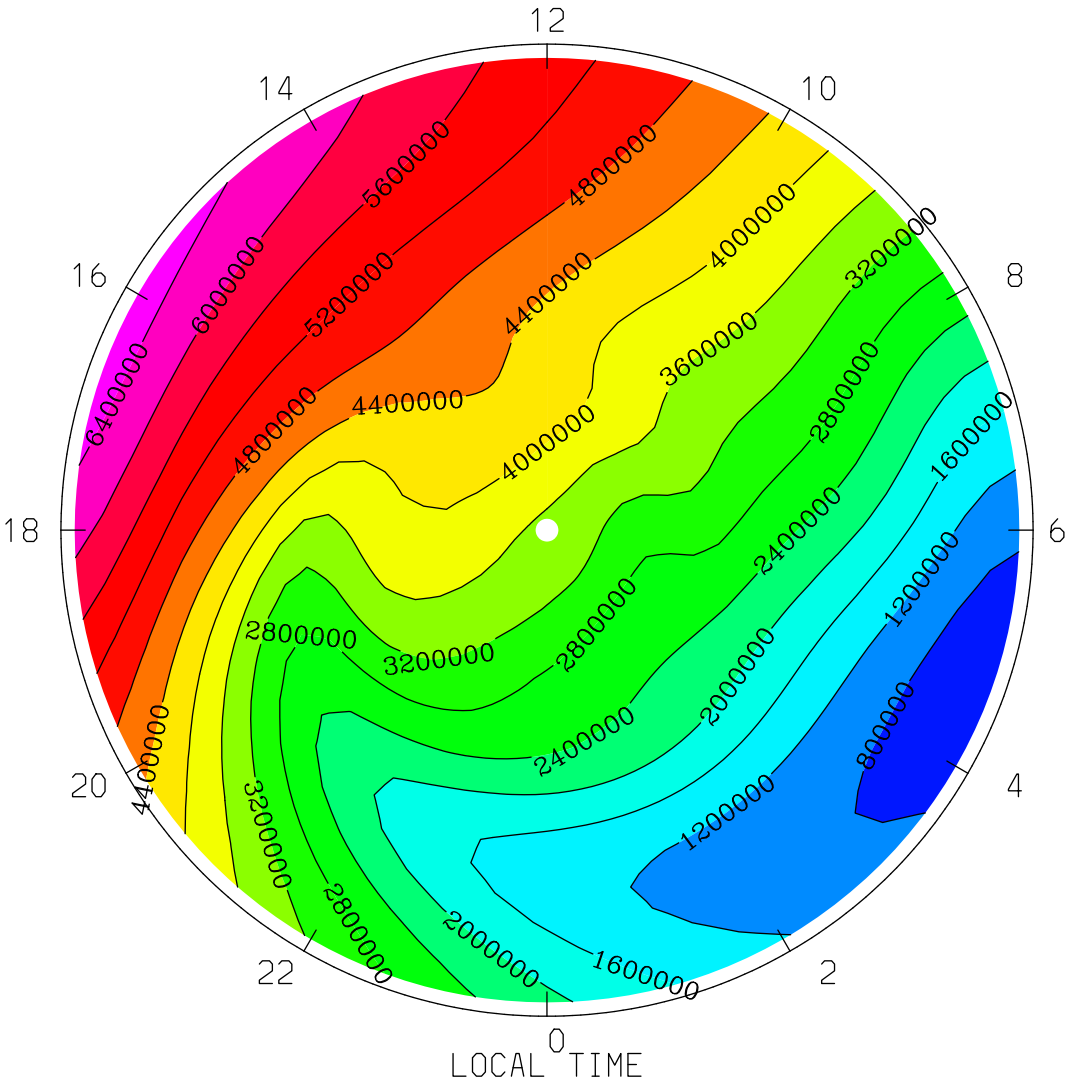


MIN,MAX= 4.0233E+05 7.5203E+06 INTERVAL= 5.0000E+05

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

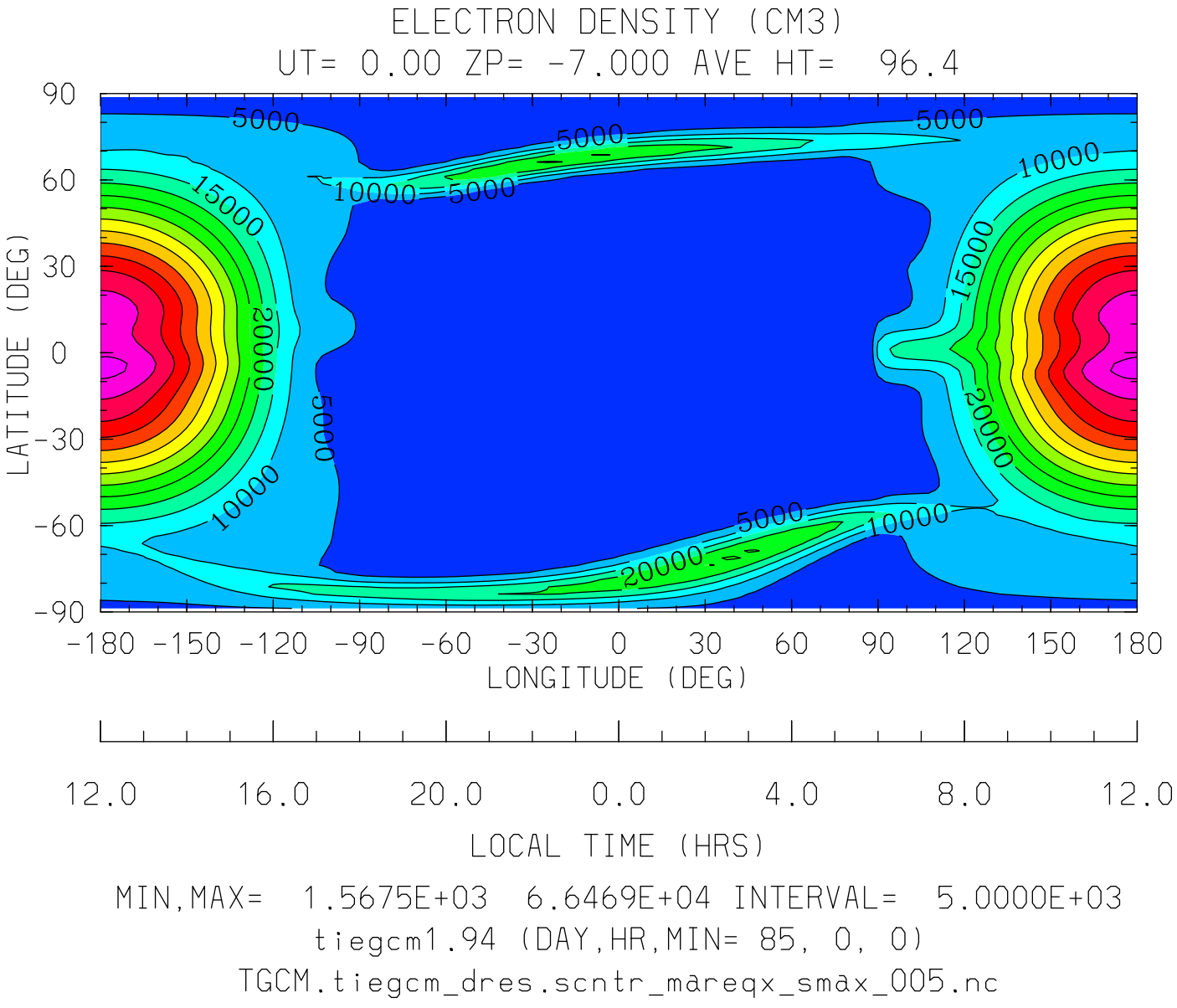

N4S (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 354.6 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
4500000
5000000
6000000
6500000
3000000
3500000
5500000
4000000
2500000
1500000
2000000
1000000
MIN,MAX= 5.4740E+05 6.8082E+06 INTERVAL= 5.0000E+05
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 6.0822E+05 6.5915E+06 INTERVAL= 4.0000E+05

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

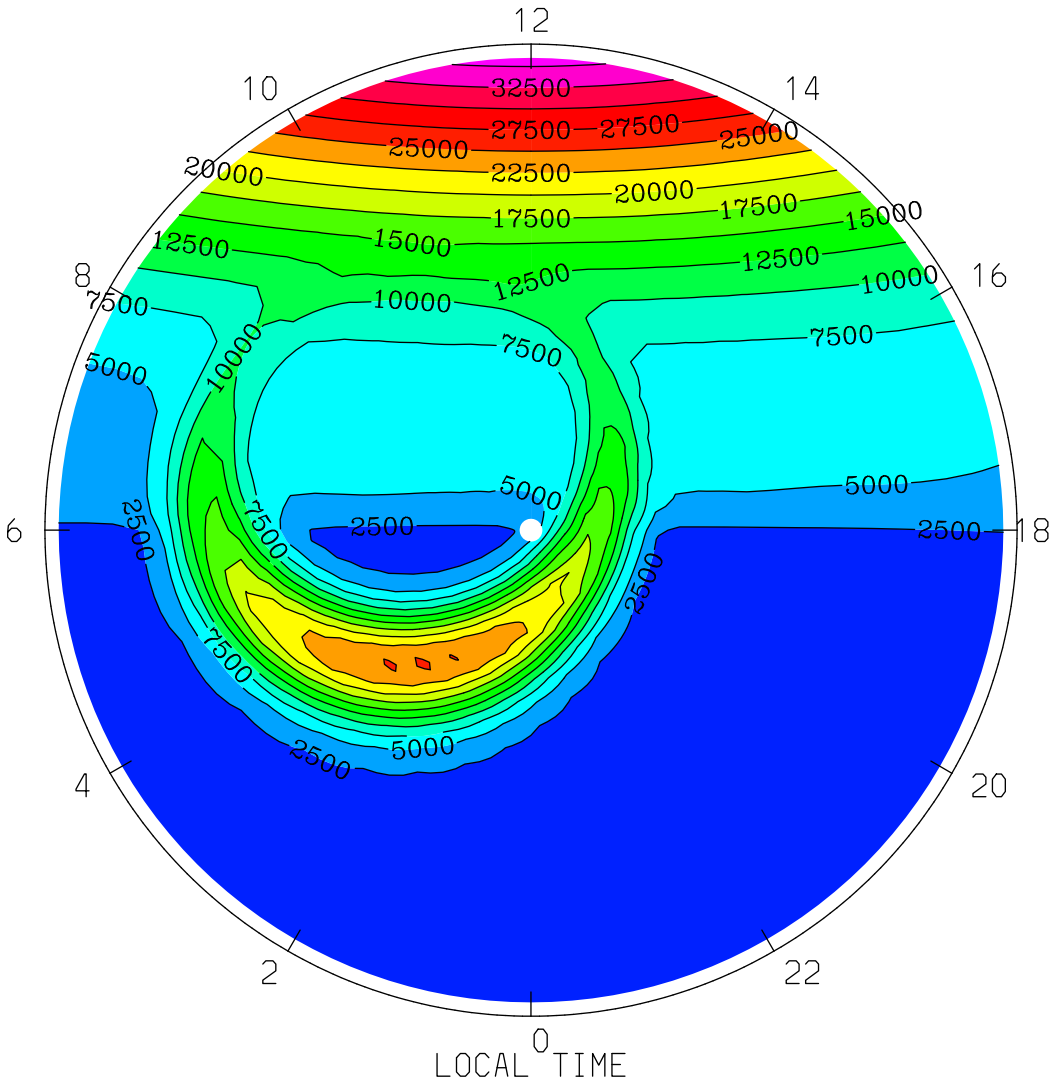
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

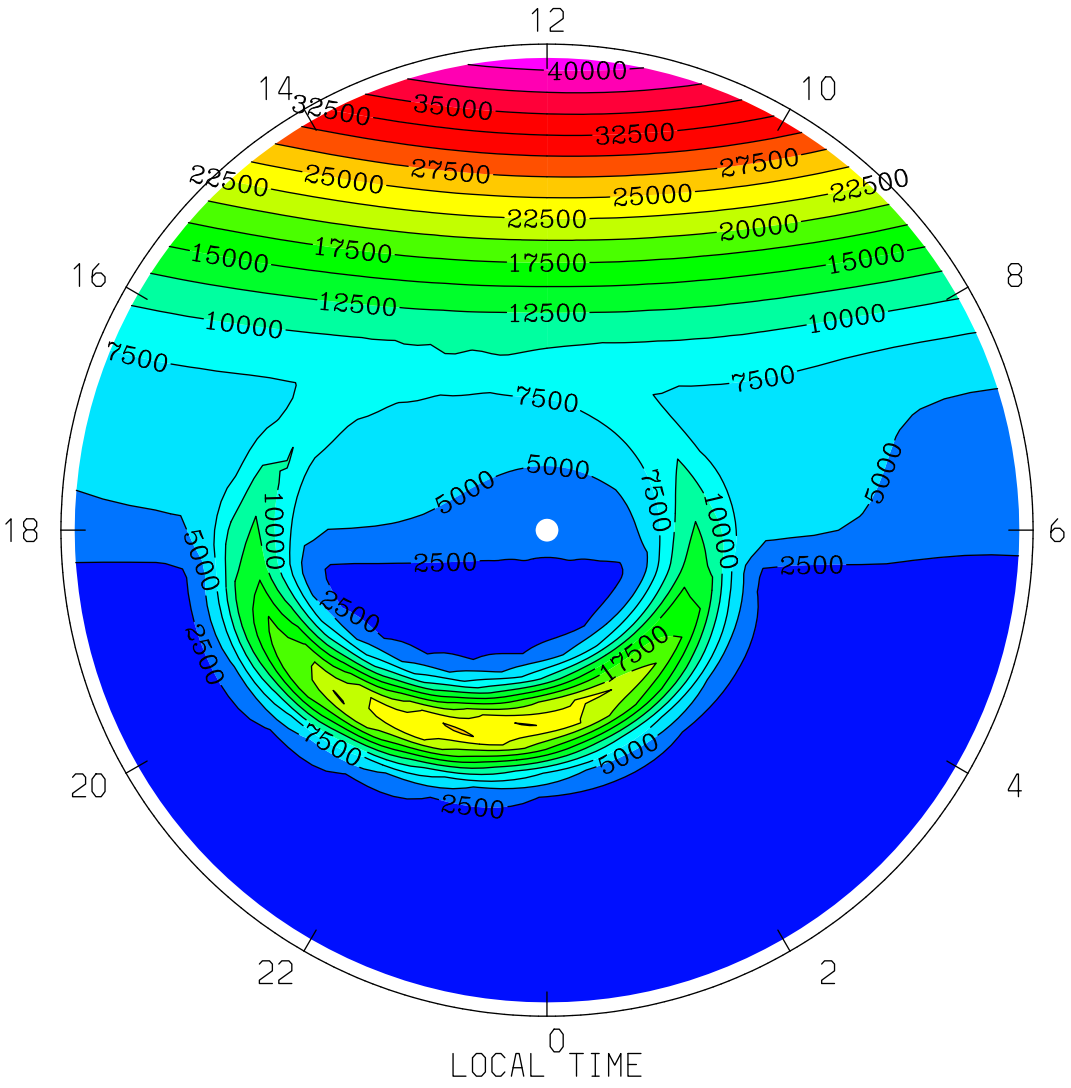


MIN,MAX= 1.5675E+03 6.6469E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

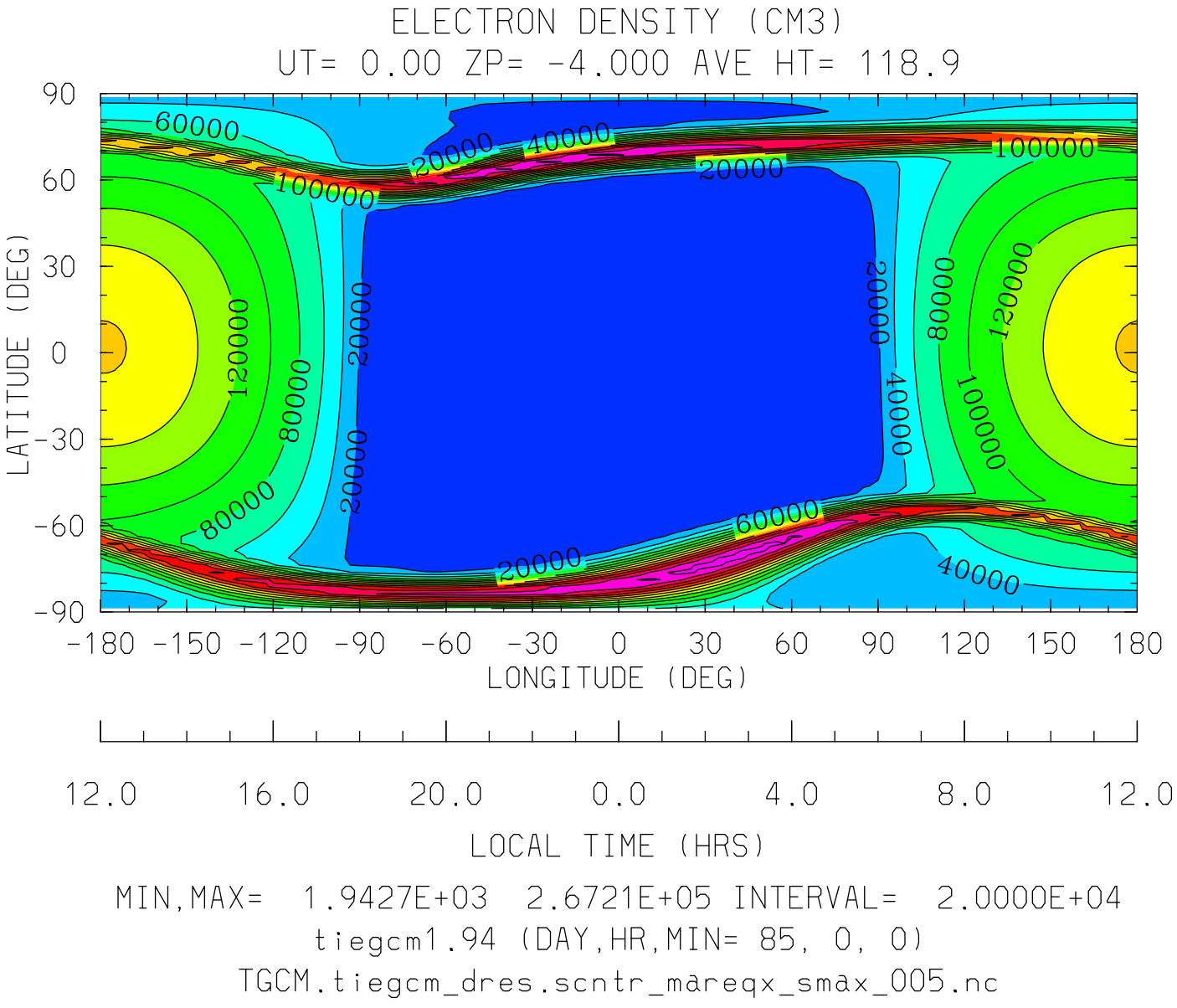

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
32500
27500
25000
22500
20000
17500
15000
12500
10000
7500
5000
2500
LOCAL TIME
MIN,MAX= 1.6656E+03 3.6003E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.5675E+03 4.1368E+04 INTERVAL= 2.5000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

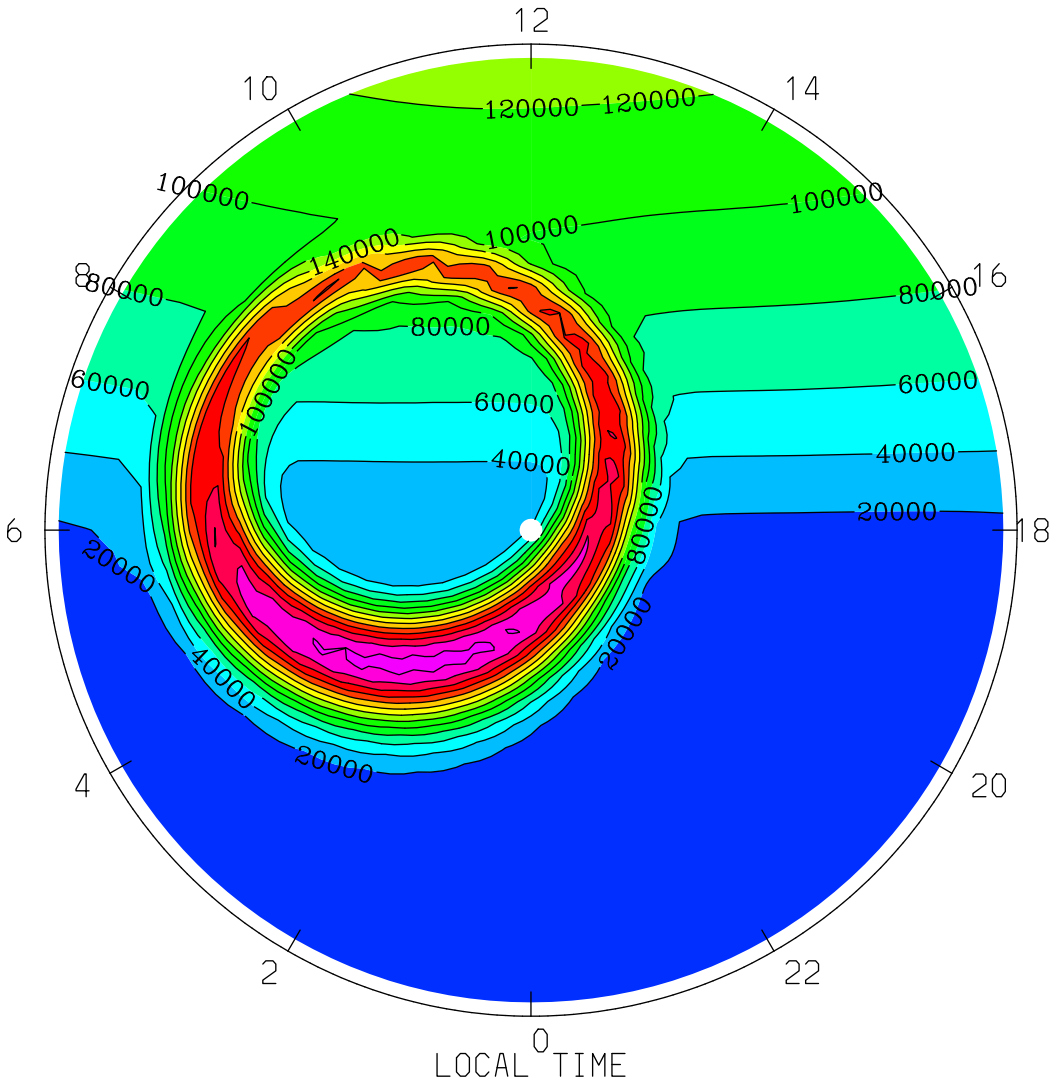
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

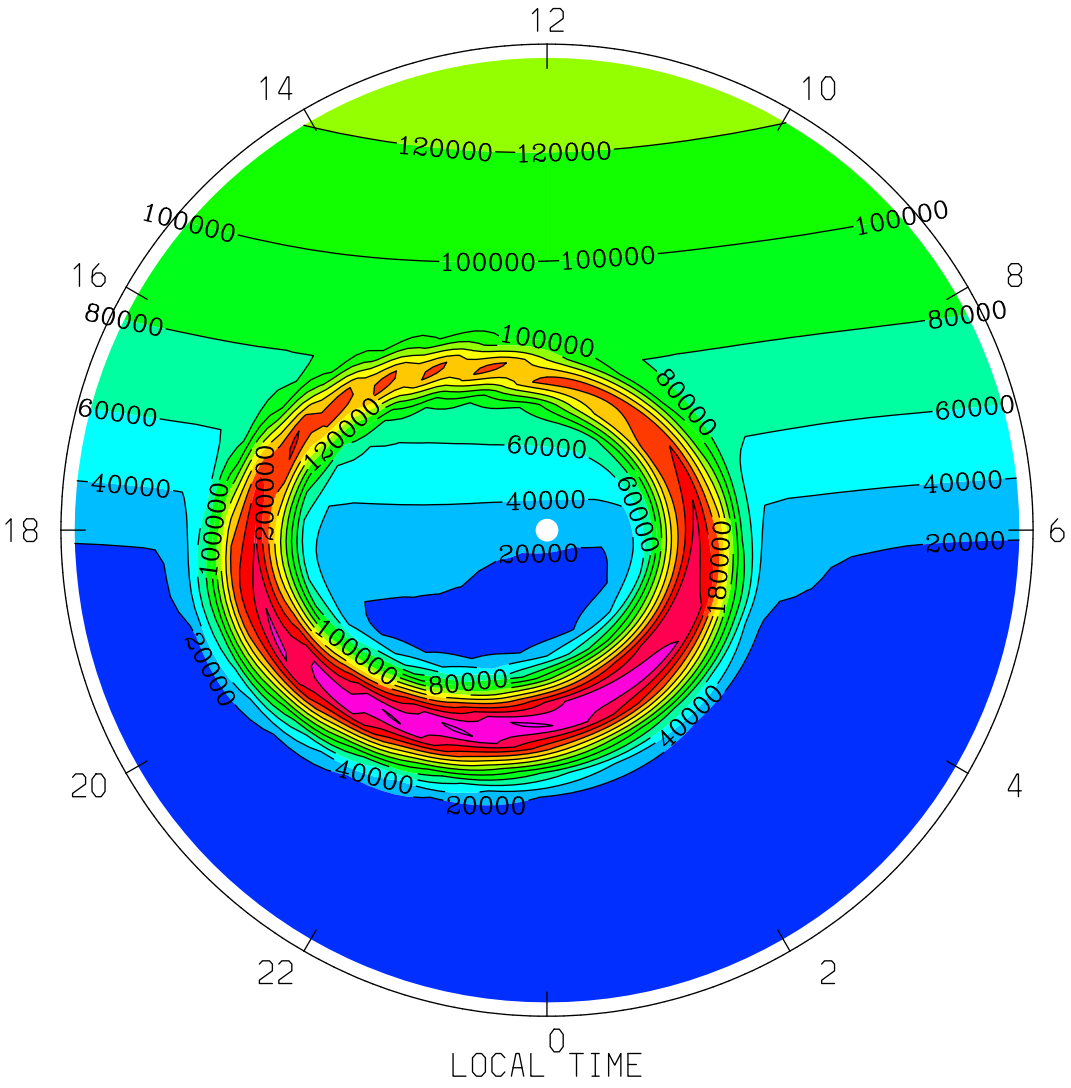


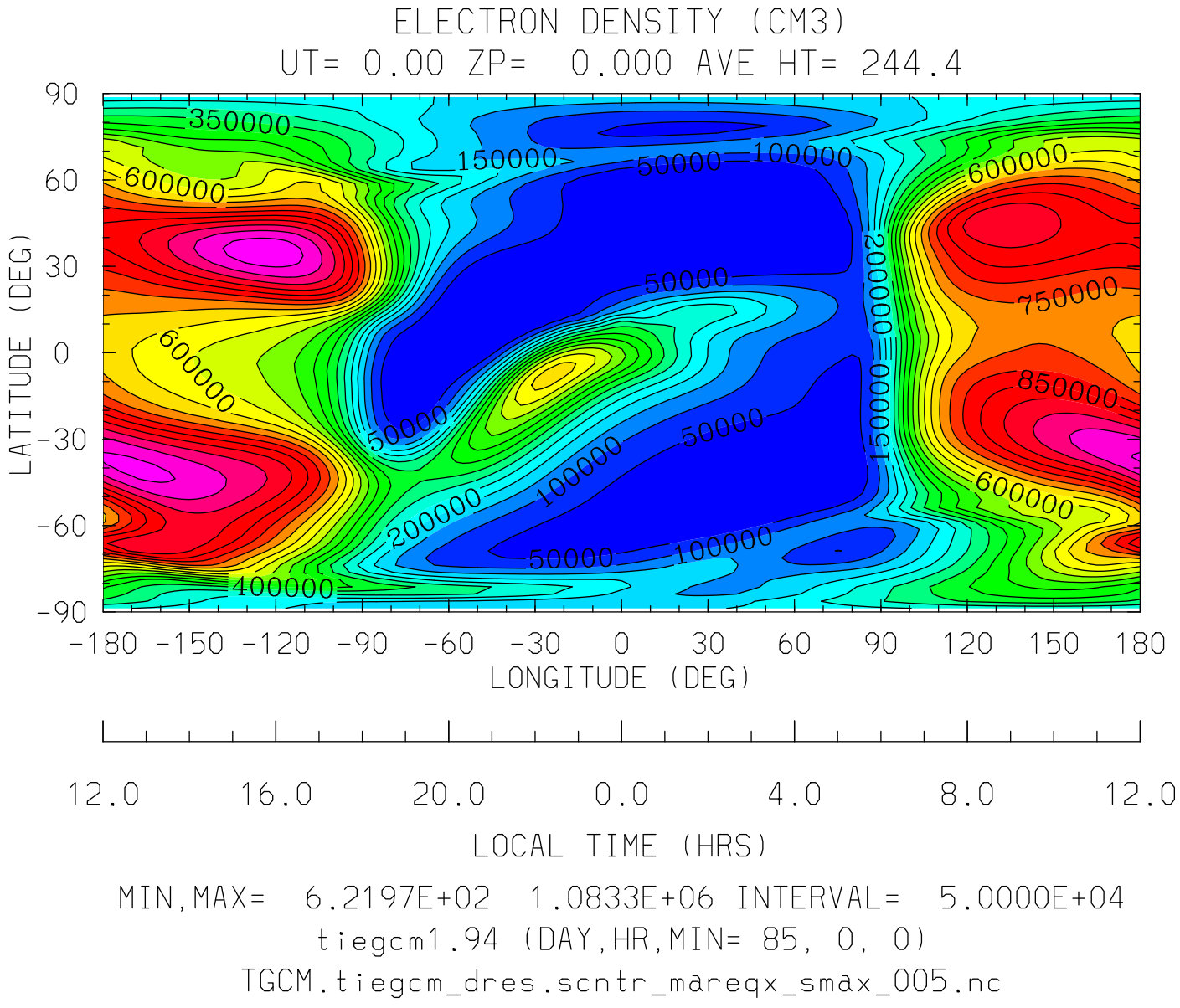
MIN,MAX= 1.9427E+03 2.6721E+05 INTERVAL= 2.0000E+04

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
120000
100000
140000
80000
60000
40000
20000
LOCAL TIME
MIN,MAX= 2.0436E+03 2.6721E+05 INTERVAL= 2.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

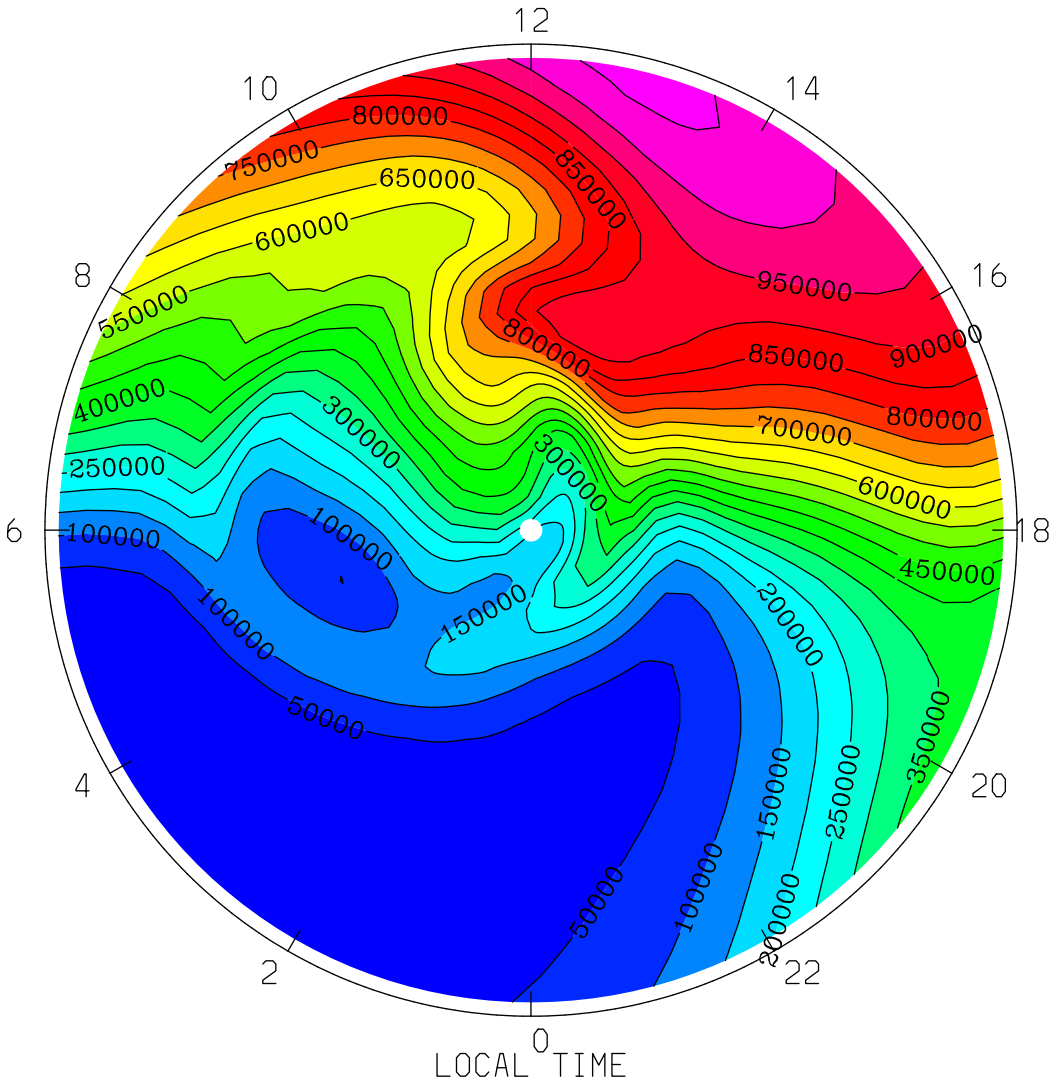

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
120000
100000
80000
60000
40000
20000
180000
200000
LOCAL TIME
MIN,MAX= 1.9427E+03 2.6483E+05 INTERVAL= 2.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

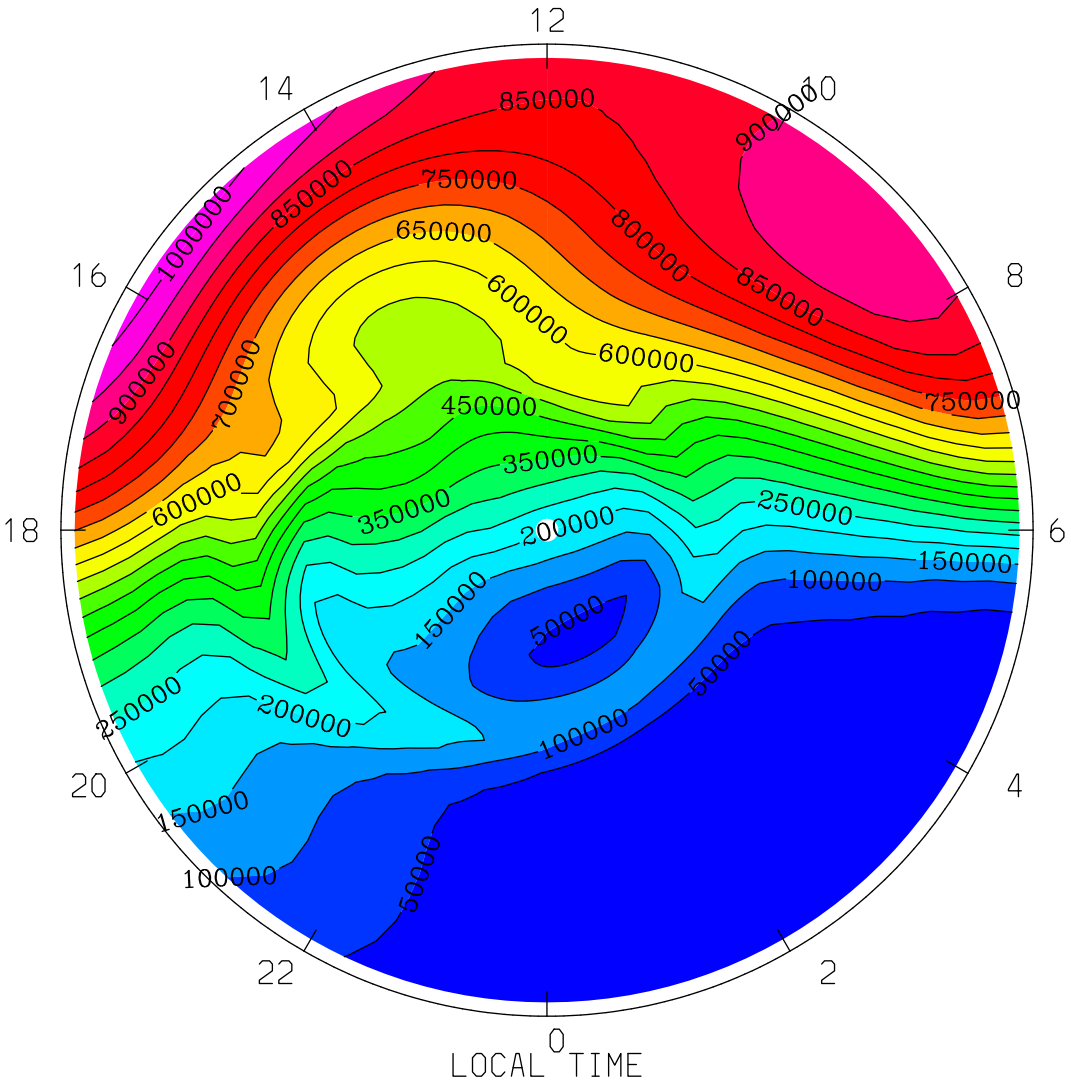


MIN,MAX= 6.2197E+02 1.0833E+06 INTERVAL= 5.0000E+04

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

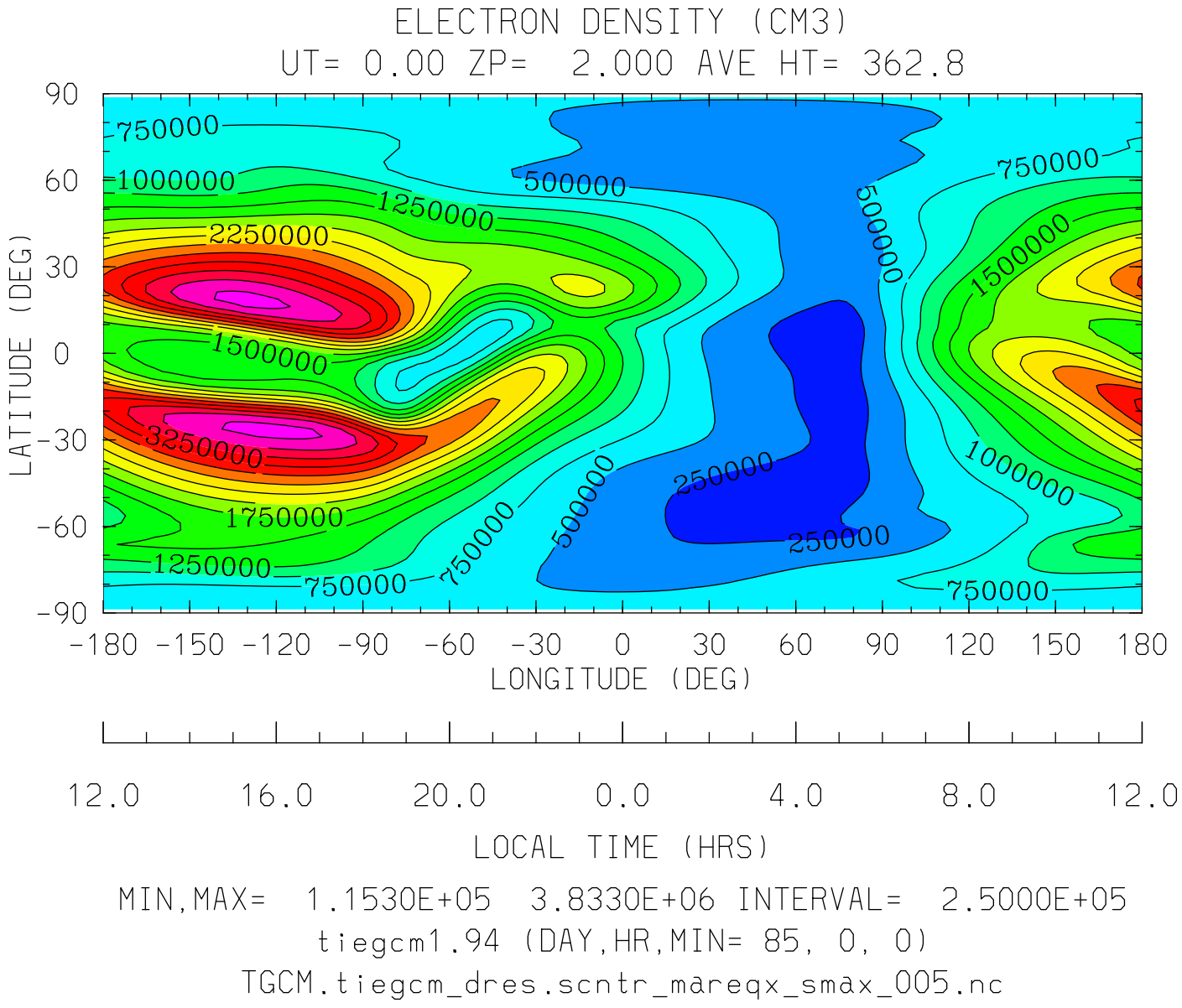

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
800000
750000
650000
600000
550000
400000
250000
100000
300000
850000
950000
900000
700000
450000
150000
50000
200000
350000
MIN,MAX= 3.3295E+03 1.0637E+06 INTERVAL= 5.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 3.8110E+03 1.0275E+06 INTERVAL= 5.0000E+04

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

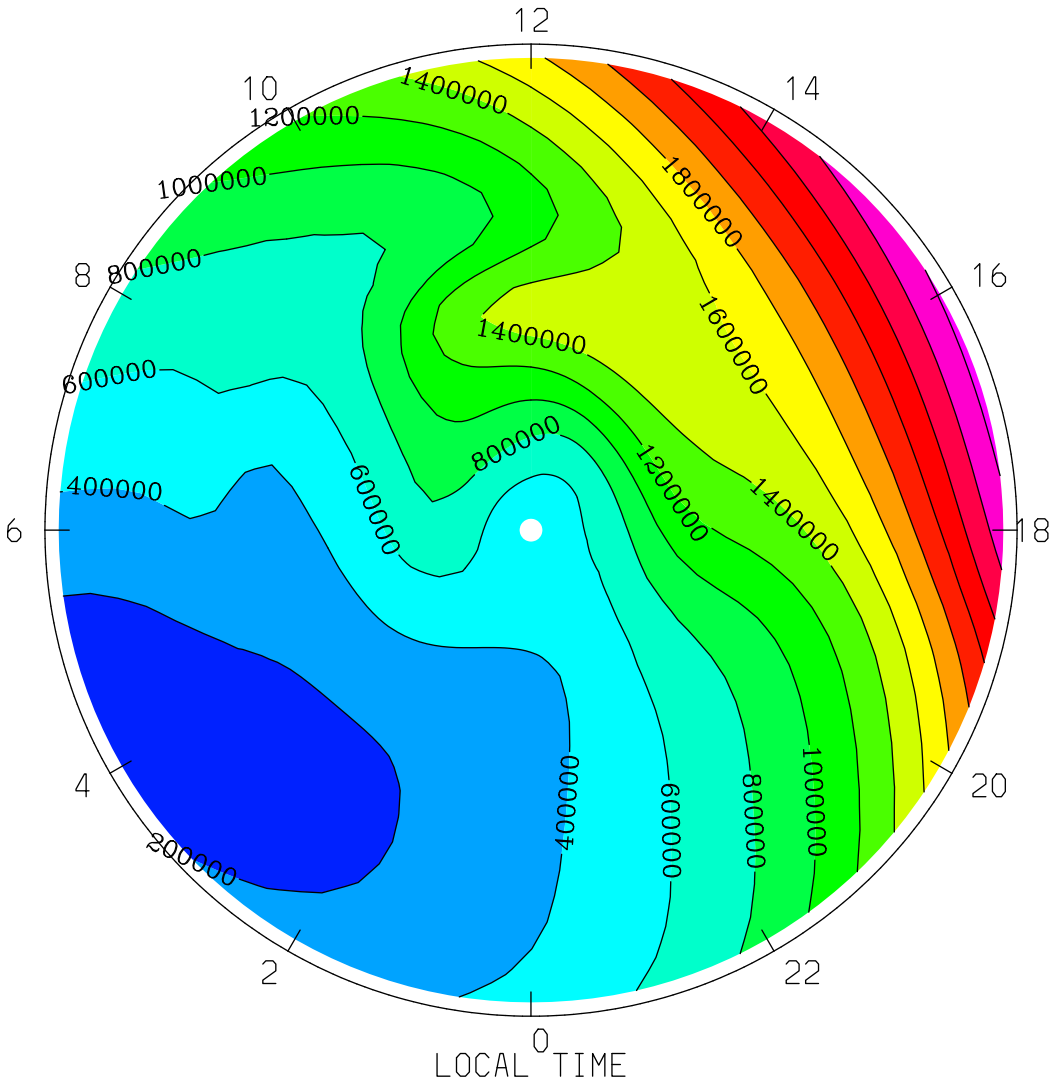
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

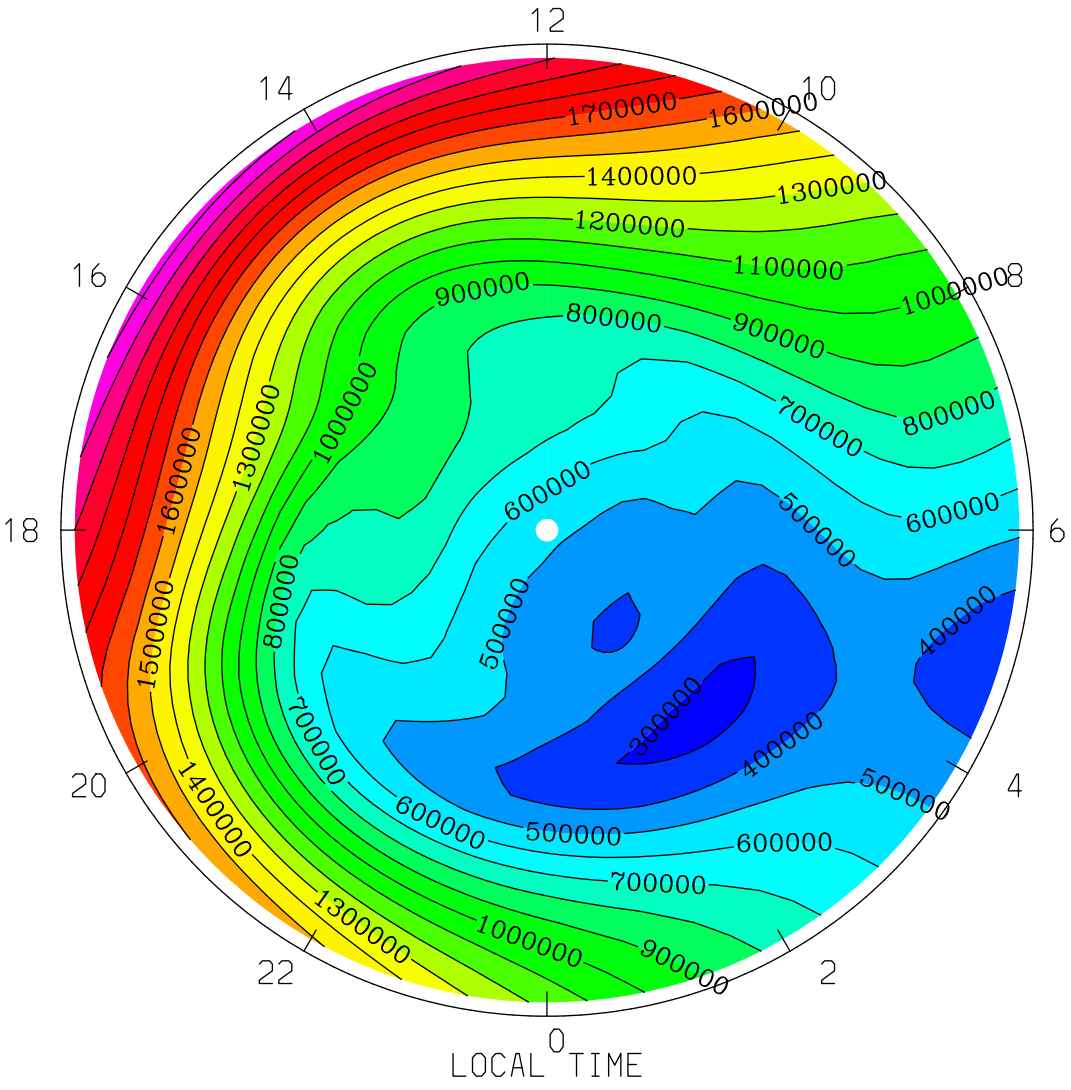


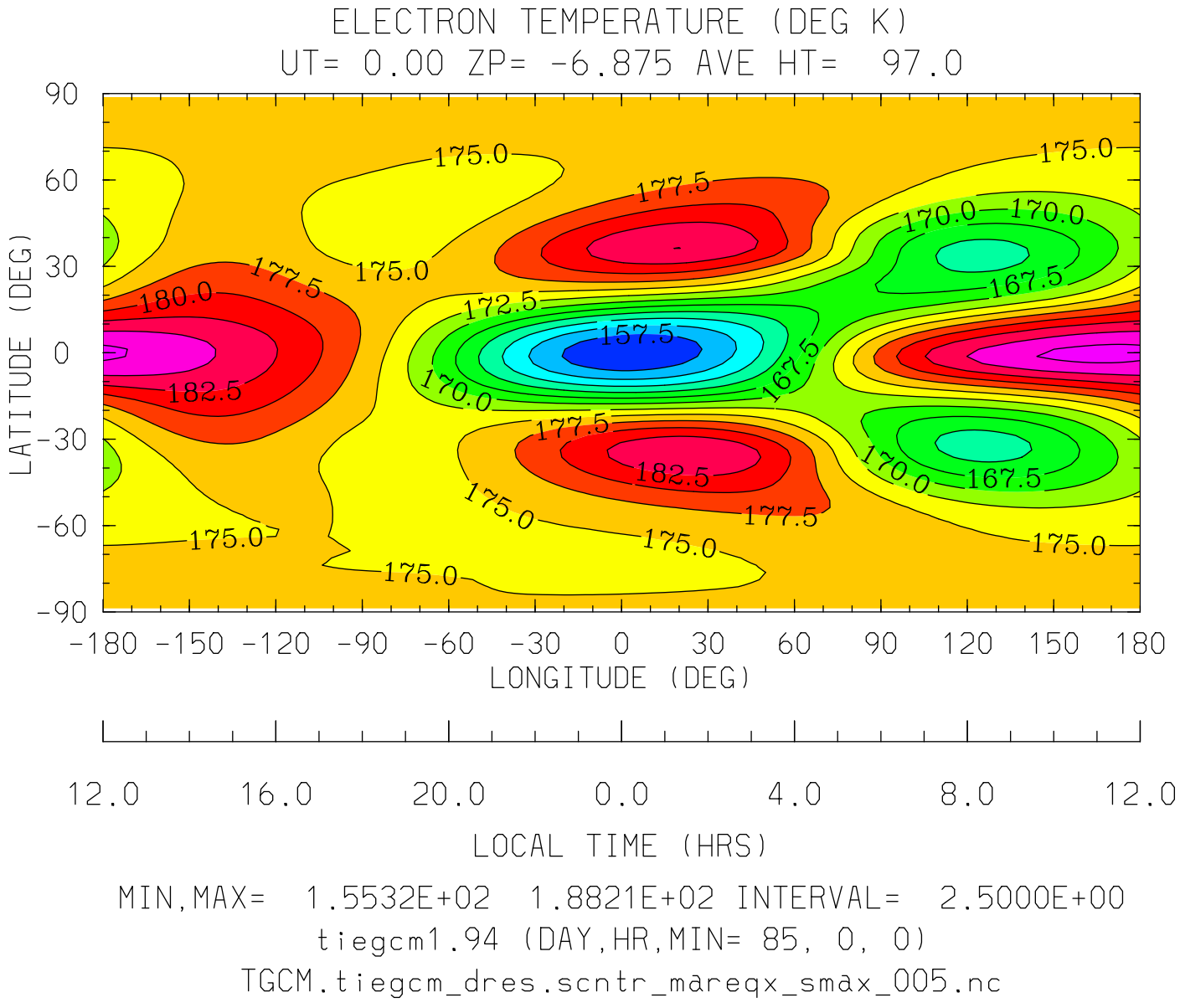
MIN,MAX= 1.1530E+05 3.8330E+06 INTERVAL= 2.5000E+05

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
1400000
1200000
1000000
800000
600000
400000
1800000
1600000
1400000
800000
600000
400000
200000
1200000
1400000
600000
800000
1000000
LOCAL TIME
MIN,MAX= 1.1530E+05 2.8476E+06 INTERVAL= 2.0000E+05
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

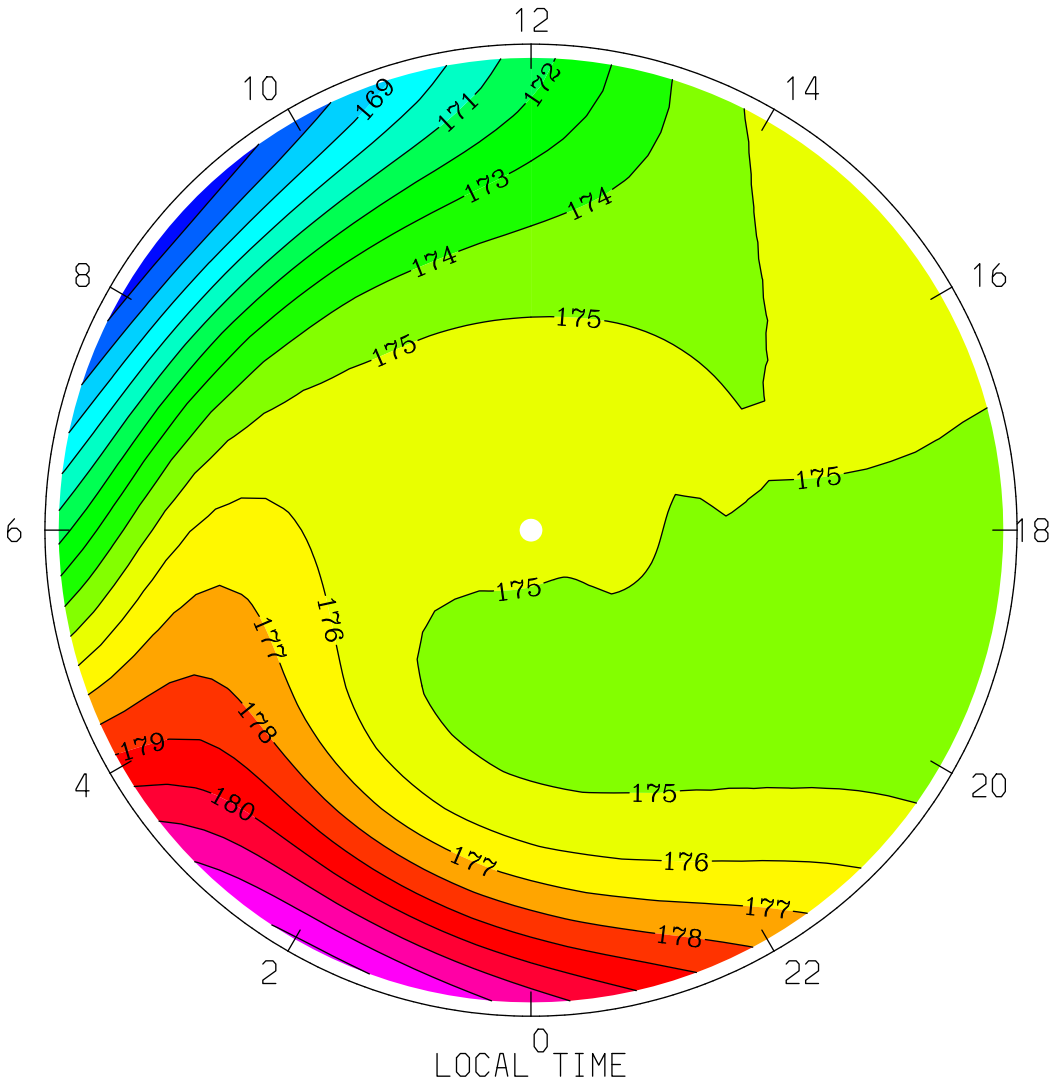

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
1700000
1600000
1400000
1300000
1200000
1100000
1000000
900000
800000
700000
600000
500000
400000
300000
LOCAL TIME
MIN,MAX= 2.7545E+05 2.2451E+06 INTERVAL= 1.0000E+05
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

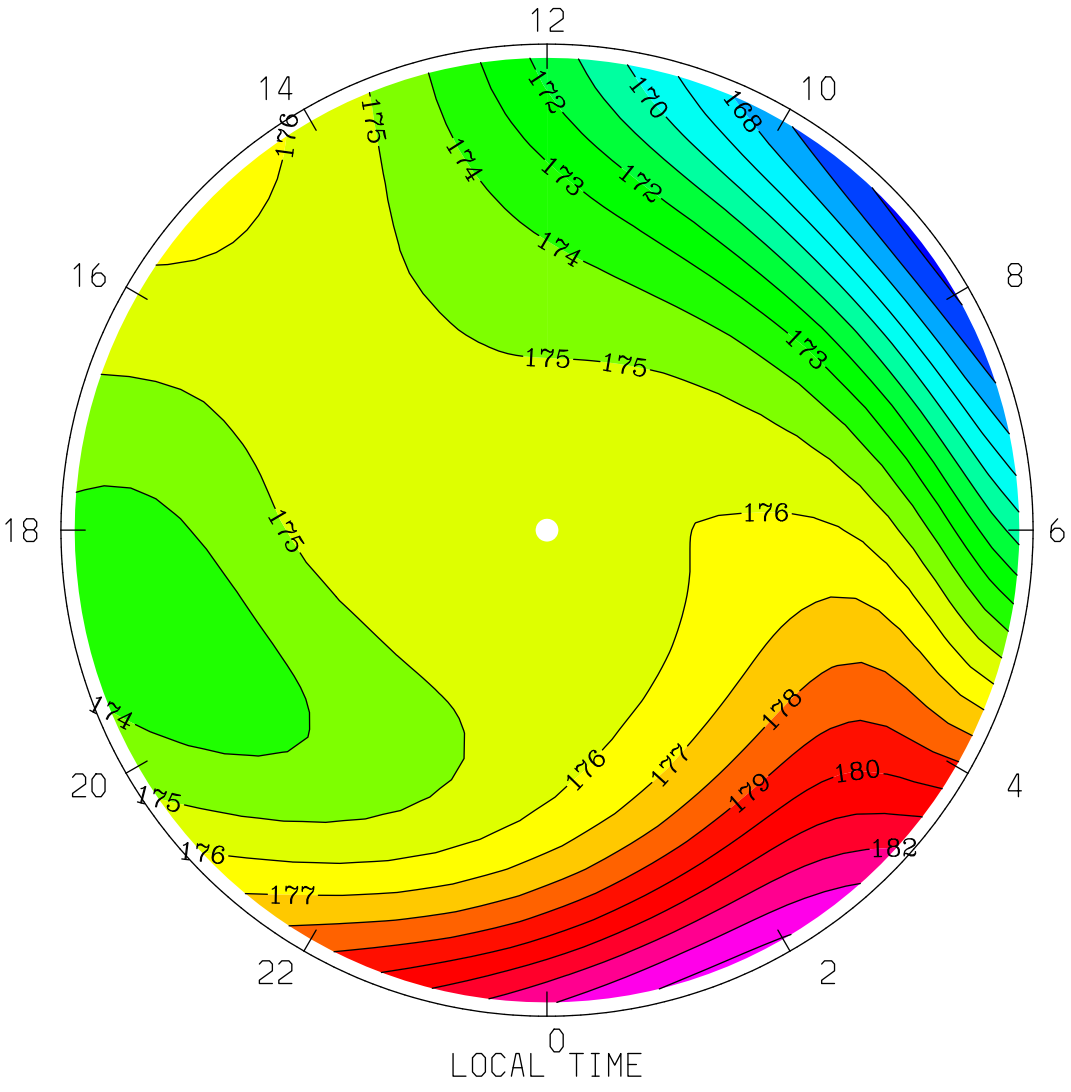


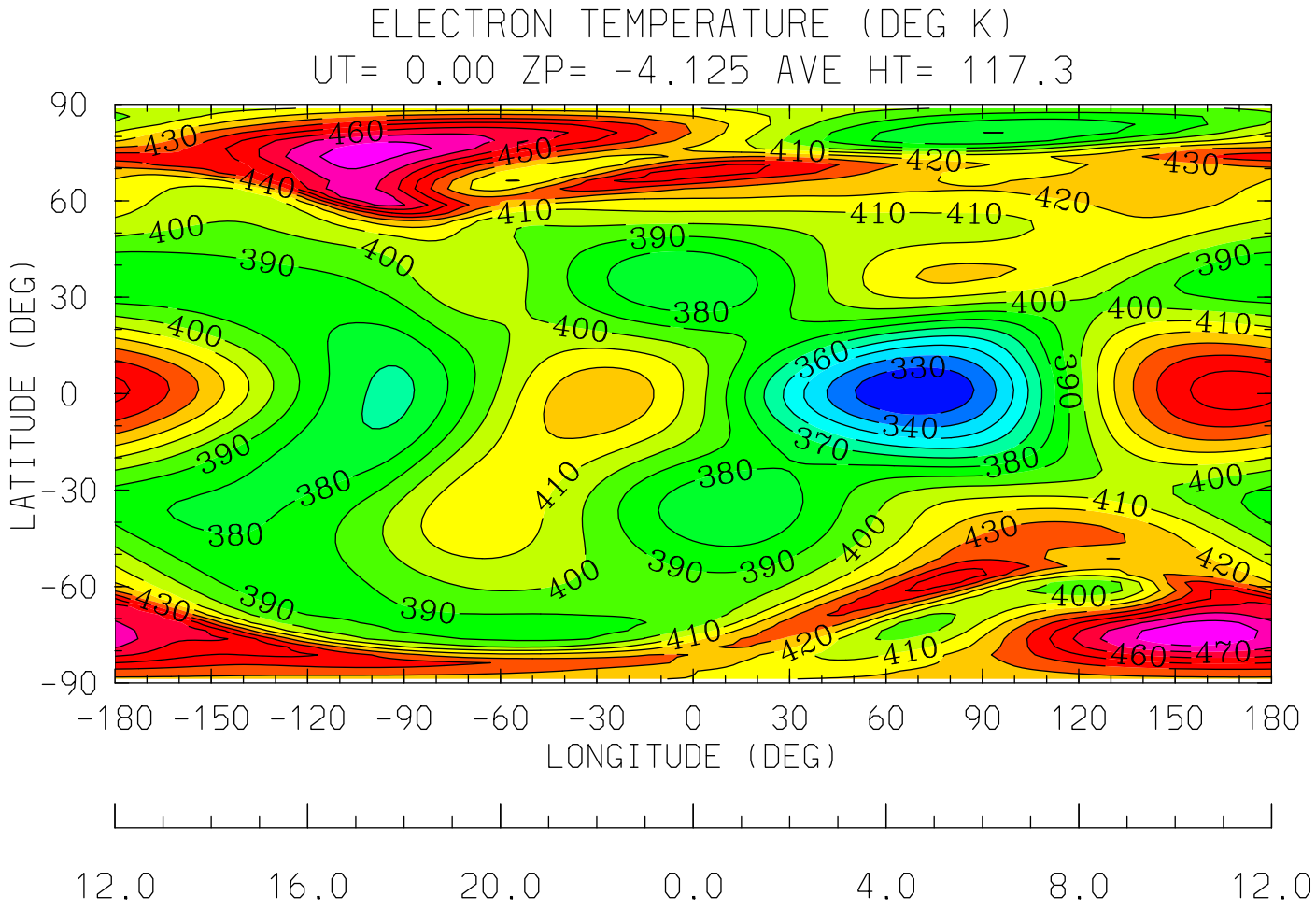
MIN,MAX= 1.5532E+02 1.8821E+02 INTERVAL= 2.5000E+00

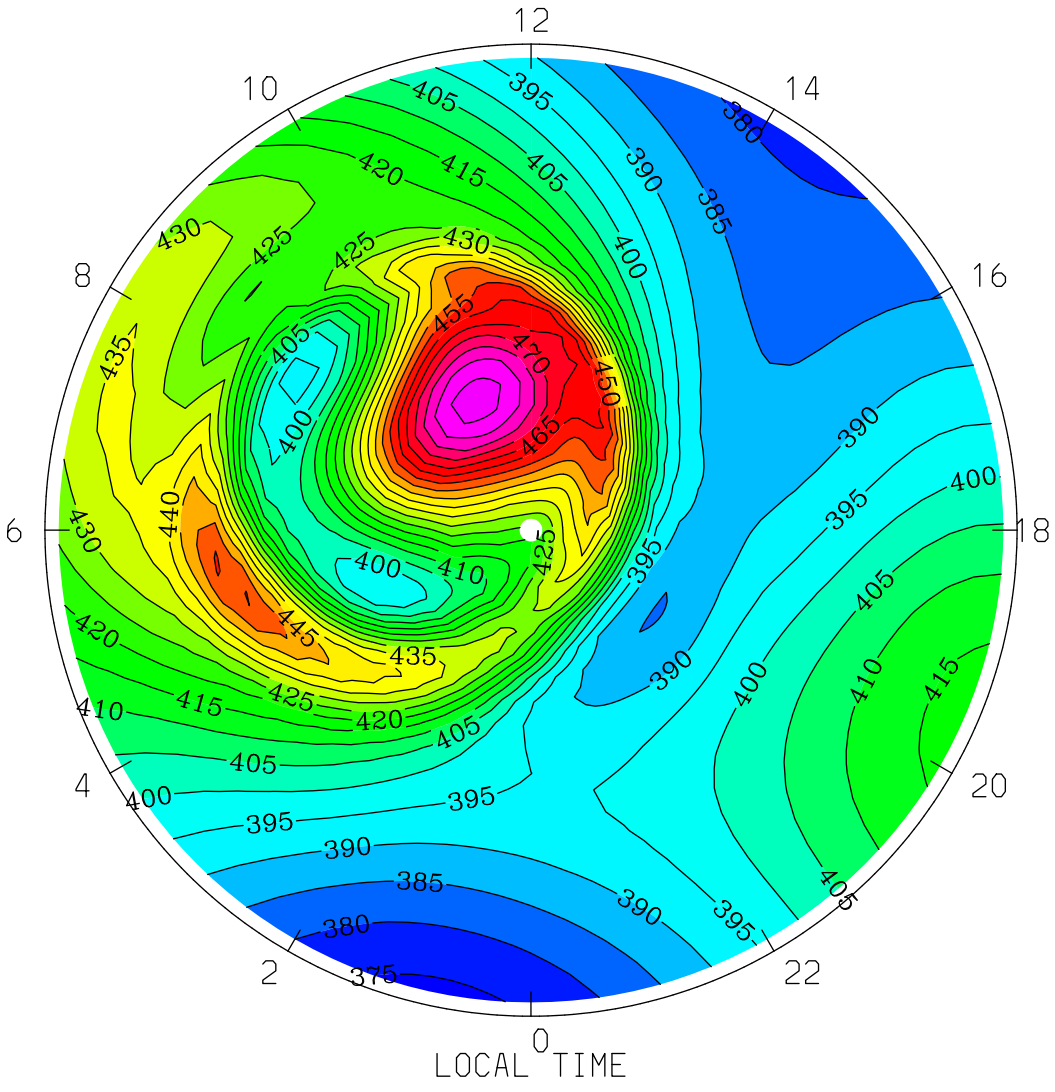
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


ELECTRON 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
169
171
172
173
174
174
175
175
175
175
175
176
177
178
179
180
177
176
177
178
LOCAL TIME
MIN,MAX= 1.6636E+02 1.8312E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_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= 1.6573E+02 1.8422E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

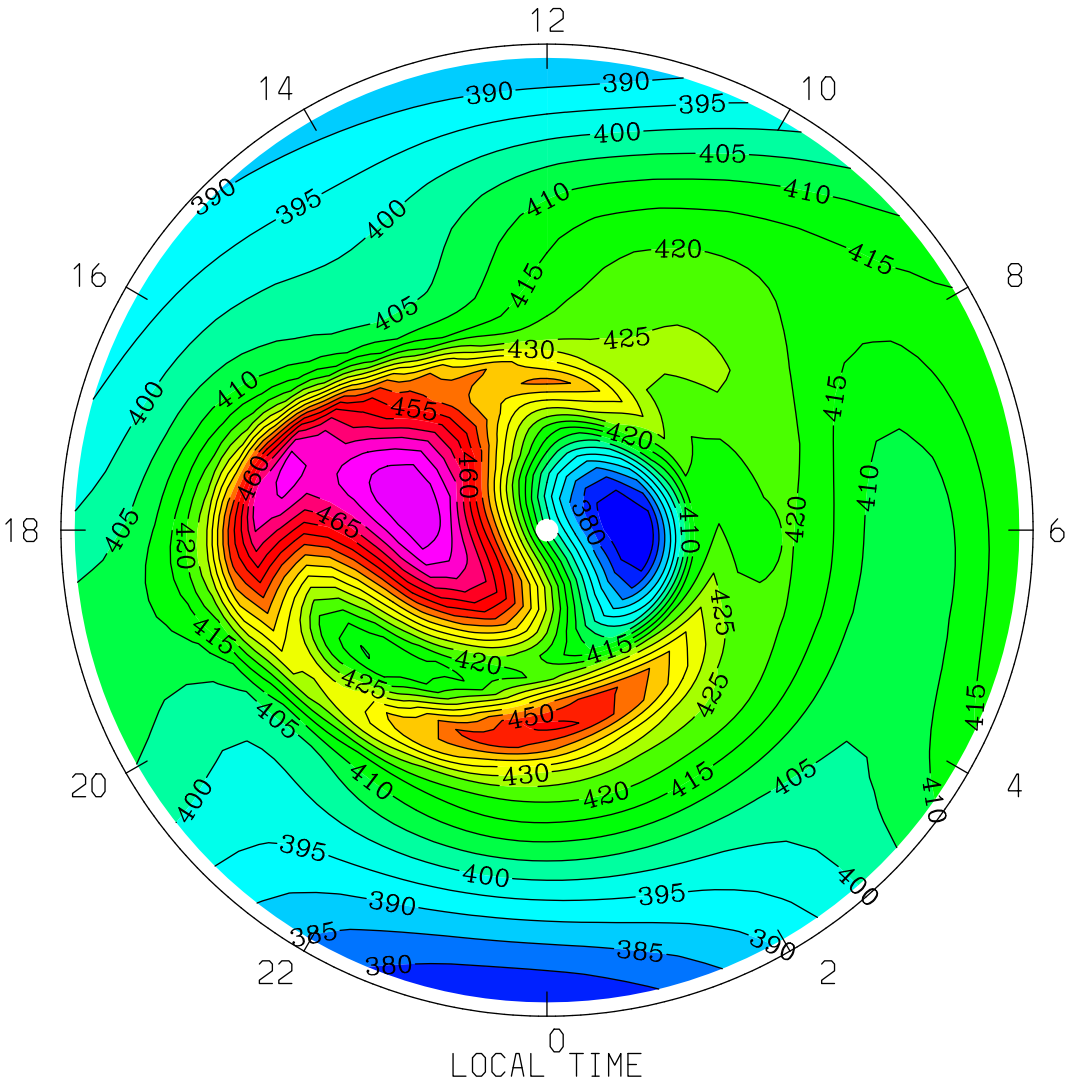

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 117.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.2029E+02 4.8759E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

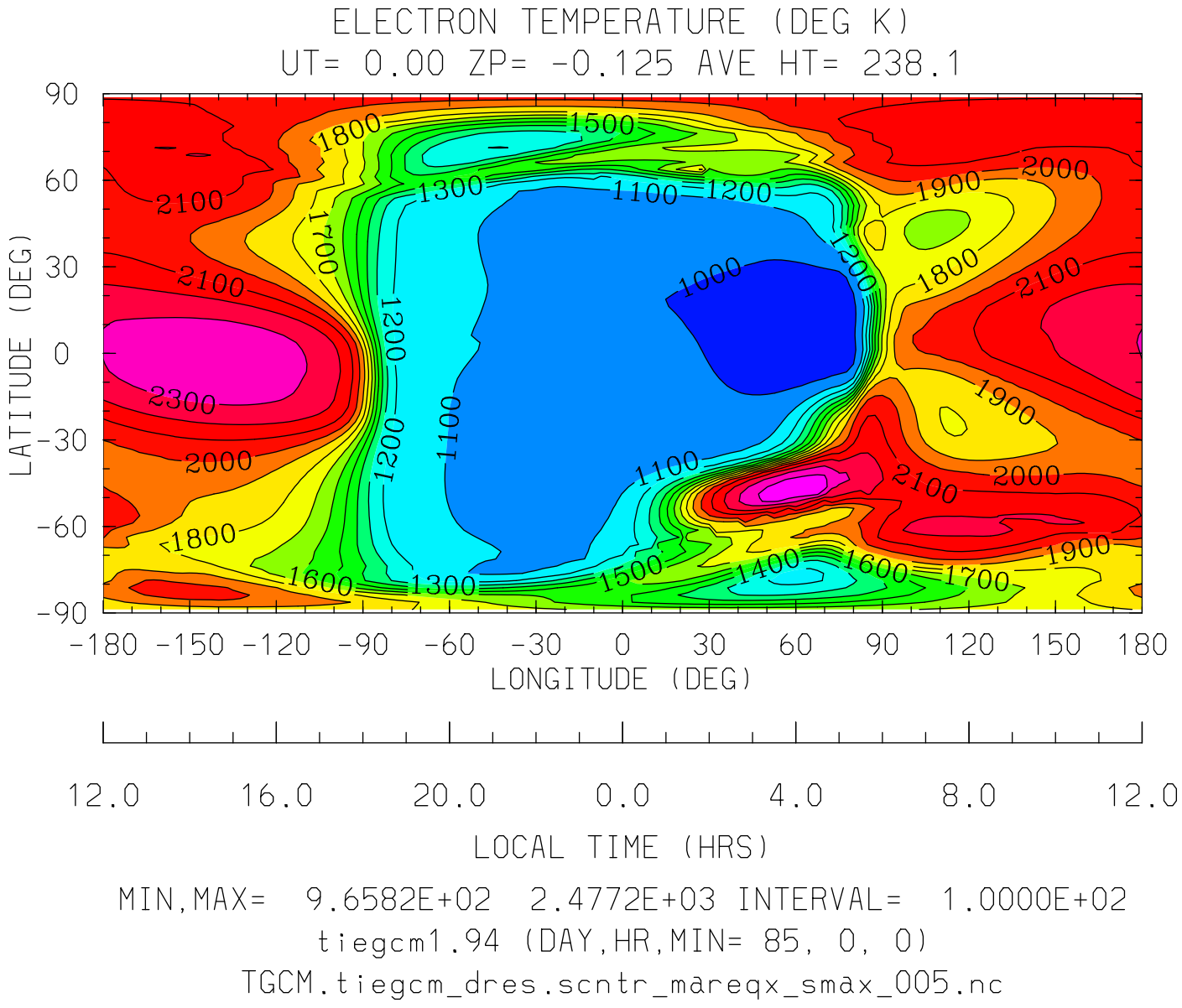


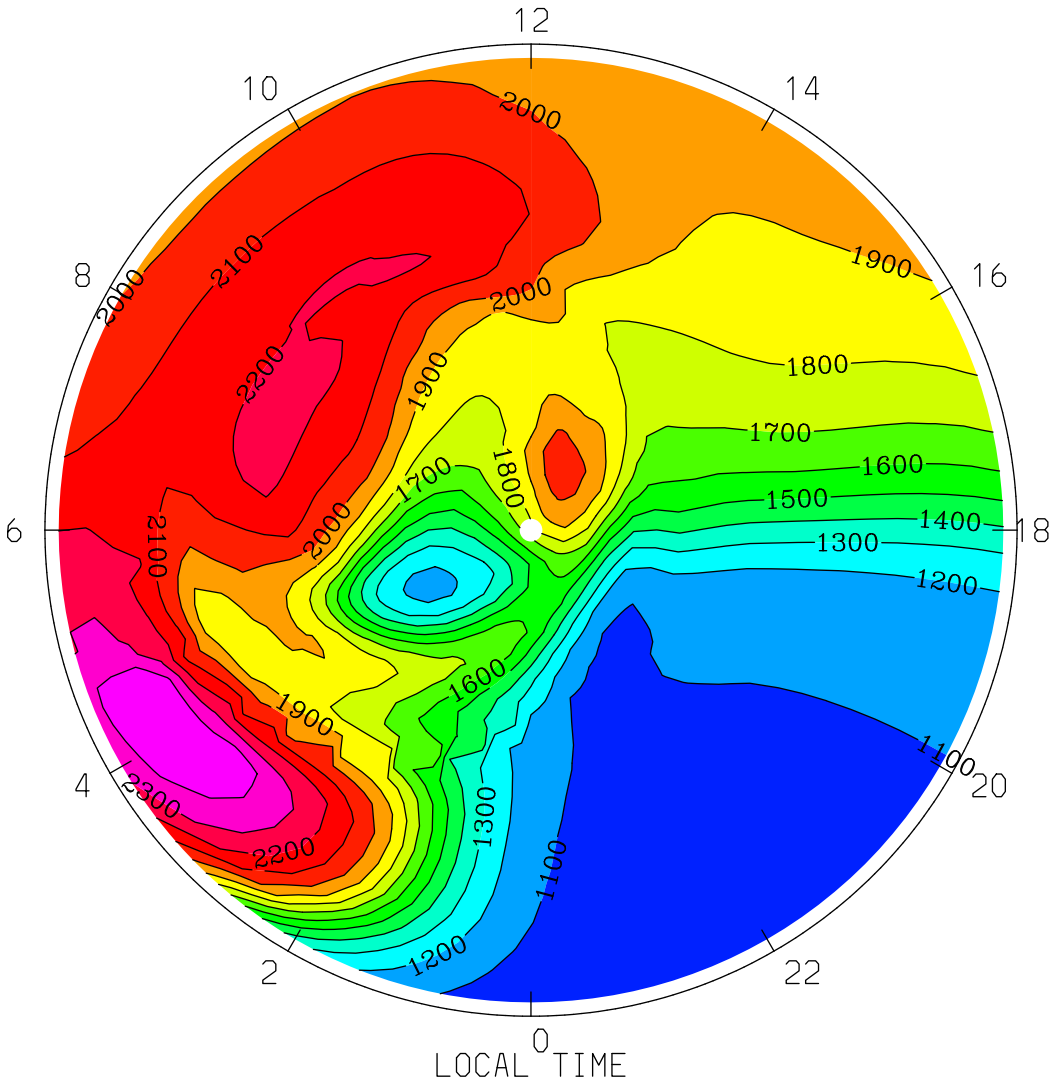
MIN,MAX= 3.7384E+02 4.8759E+02 INTERVAL= 5.0000E+00

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 117.3 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 3.6993E+02 4.8451E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

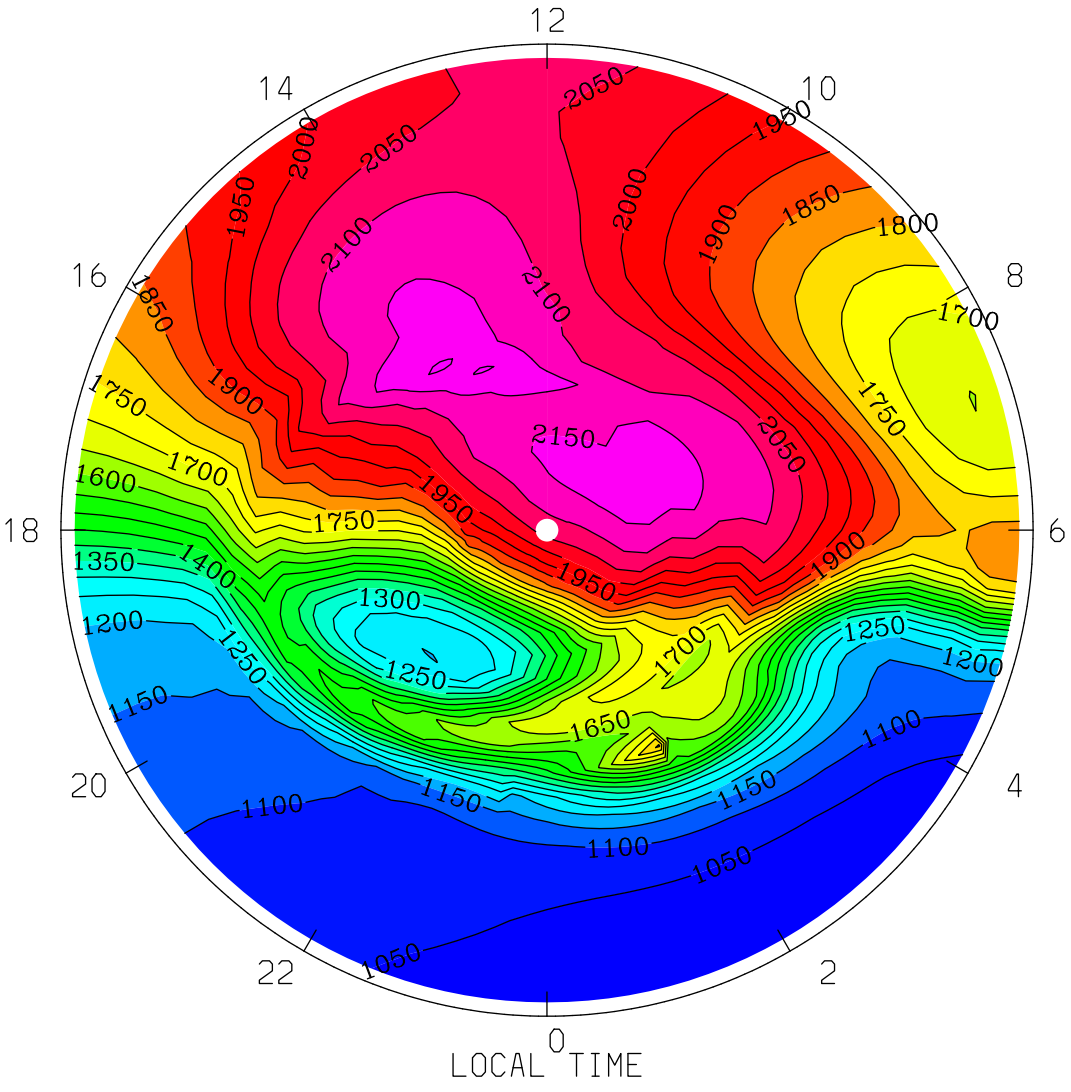

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 238.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.6582E+02 2.4772E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

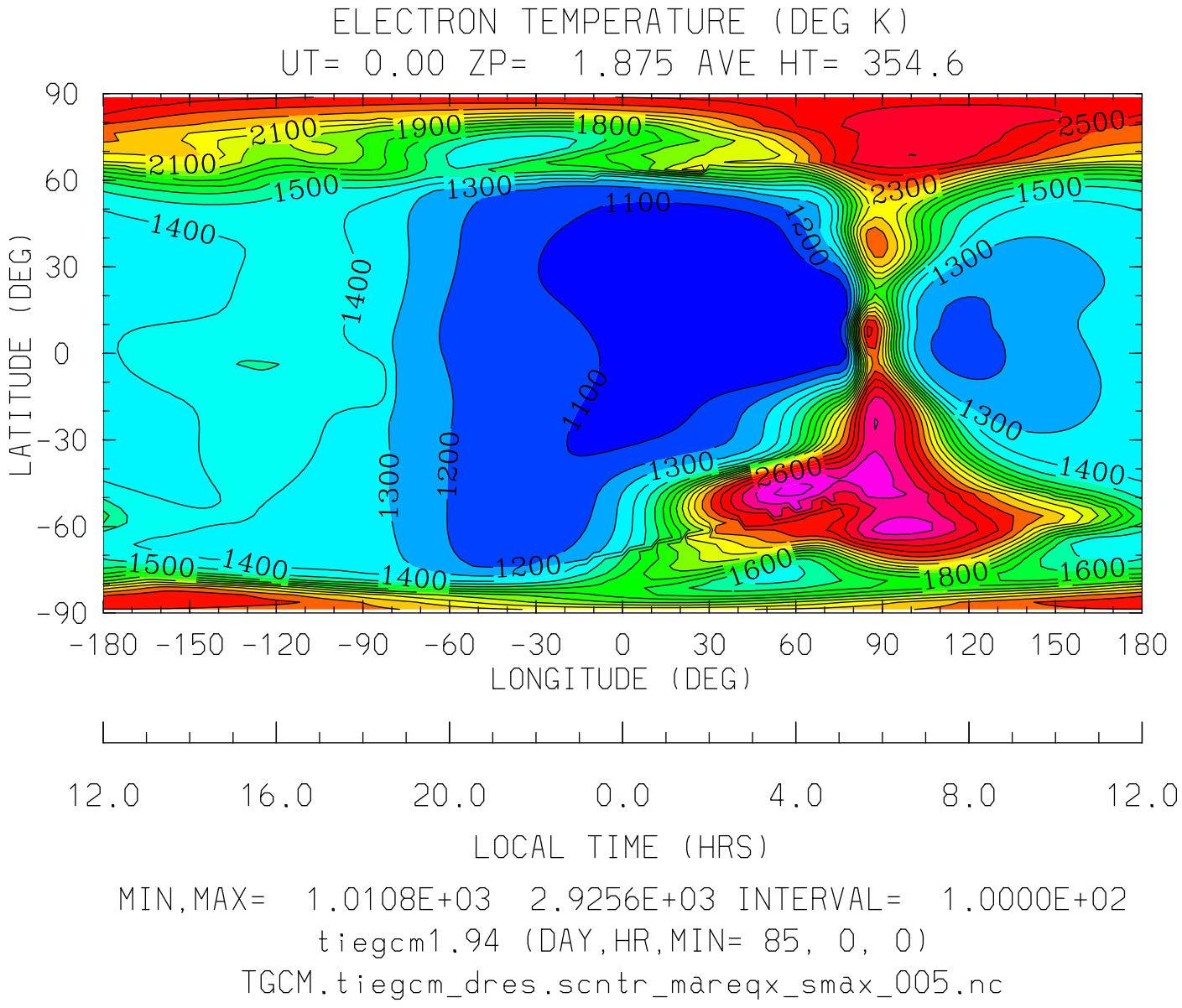


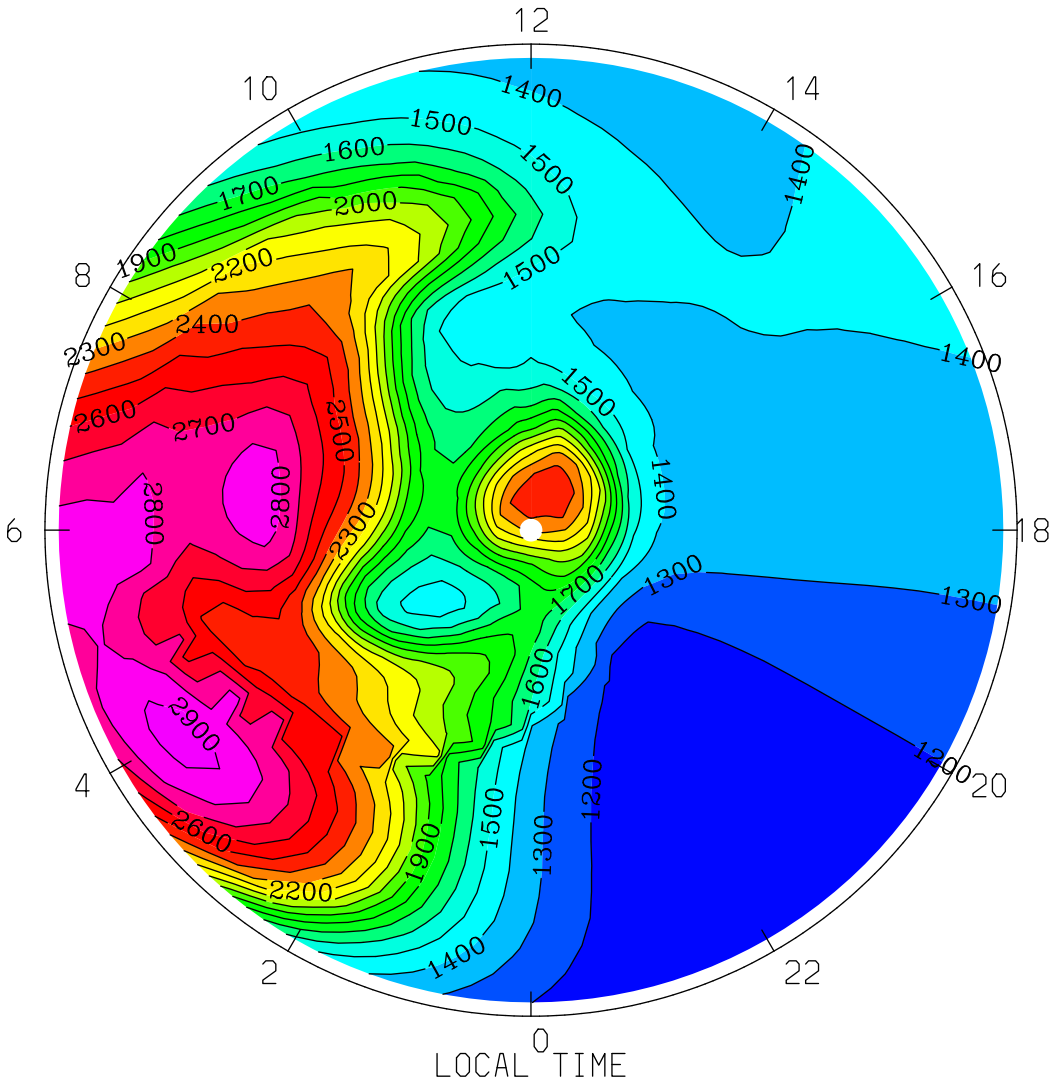
MIN,MAX= 1.0382E+03 2.4772E+03 INTERVAL= 1.0000E+02

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 238.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 1.0078E+03 2.2071E+03 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

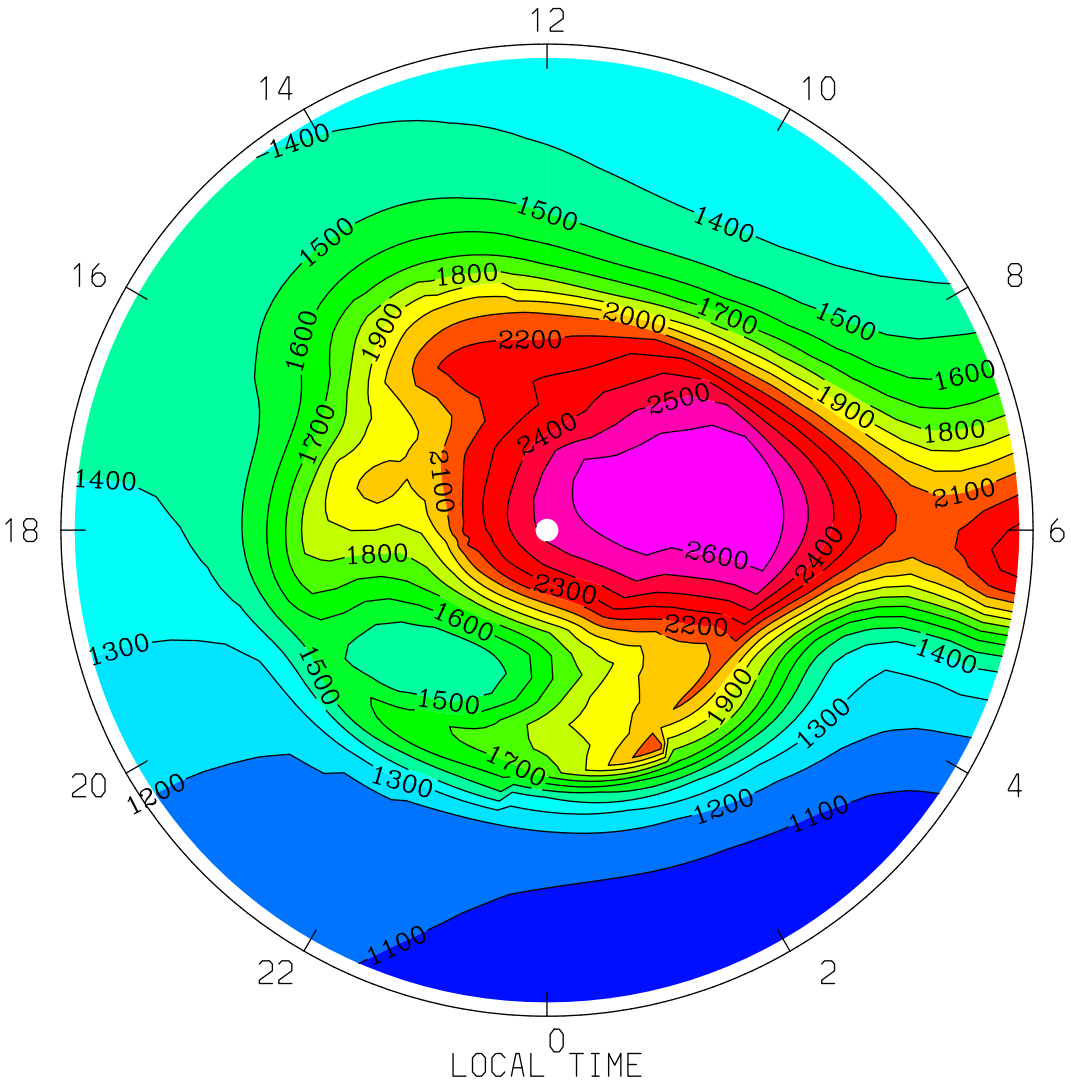

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 354.6
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.0108E+03 2.9256E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

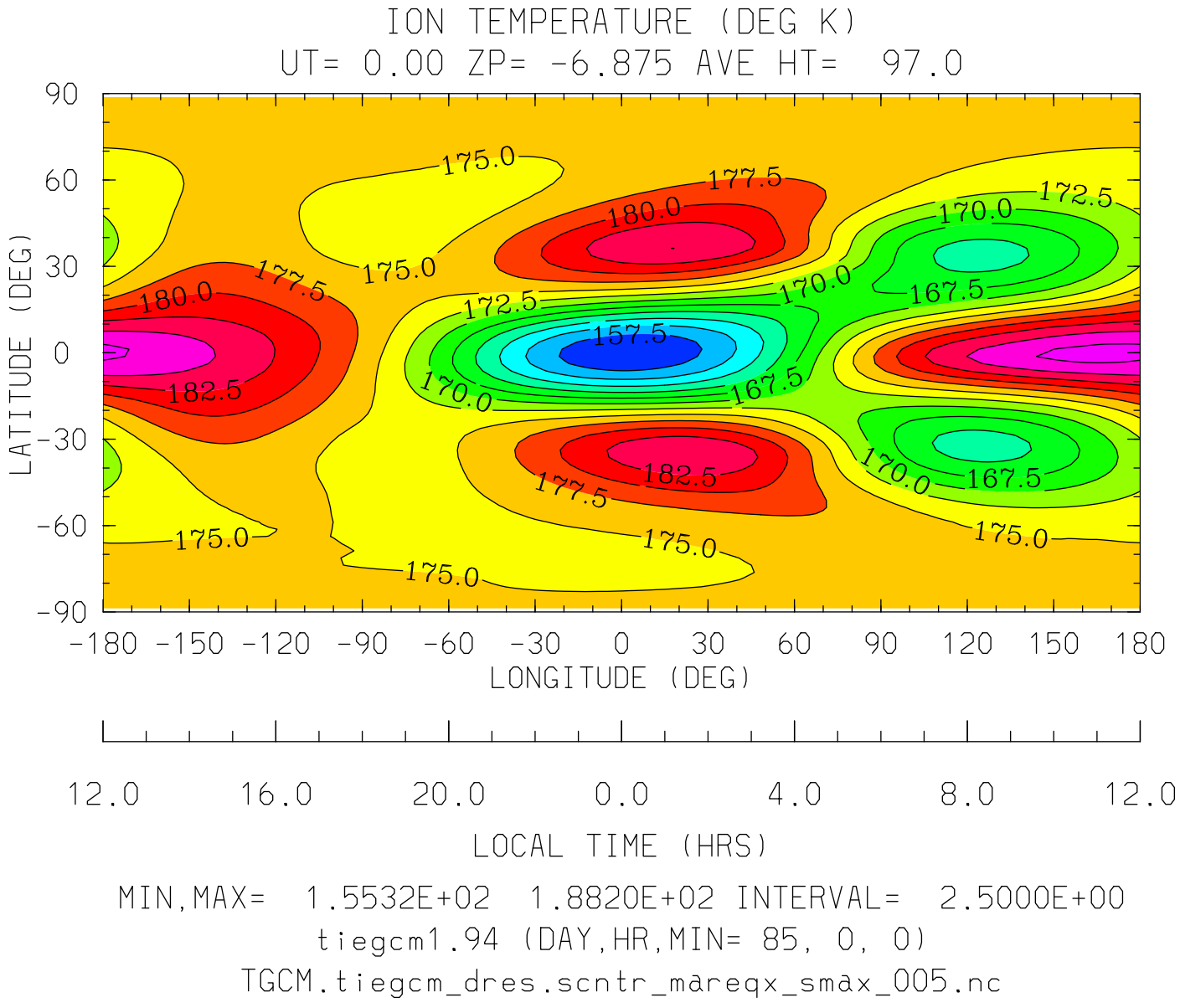


MIN,MAX= 1.1127E+03 2.9256E+03 INTERVAL= 1.0000E+02

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

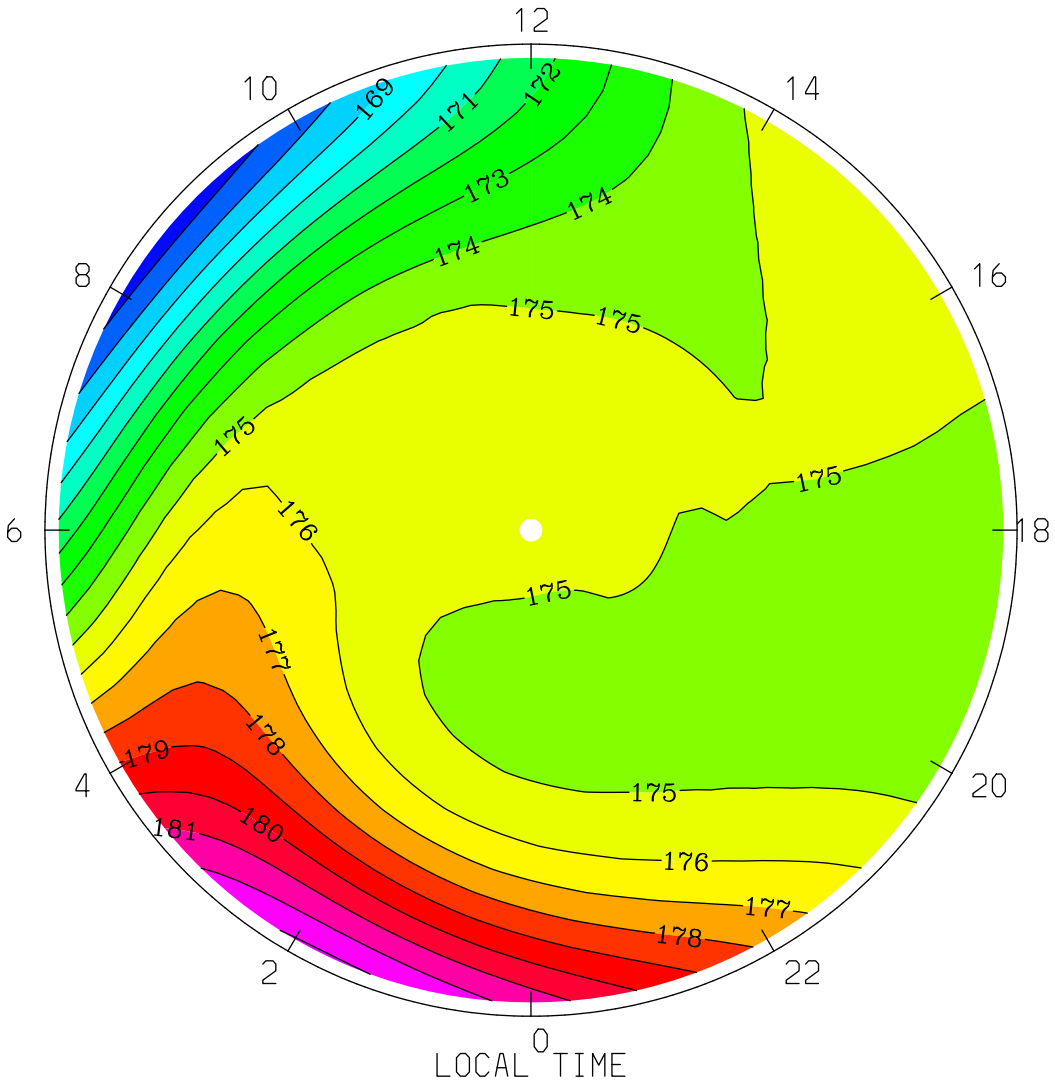

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 354.6 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
1300
1200
1100
LOCAL TIME
MIN,MAX= 1.0403E+03 2.7006E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.5532E+02 1.8820E+02 INTERVAL= 2.5000E+00

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

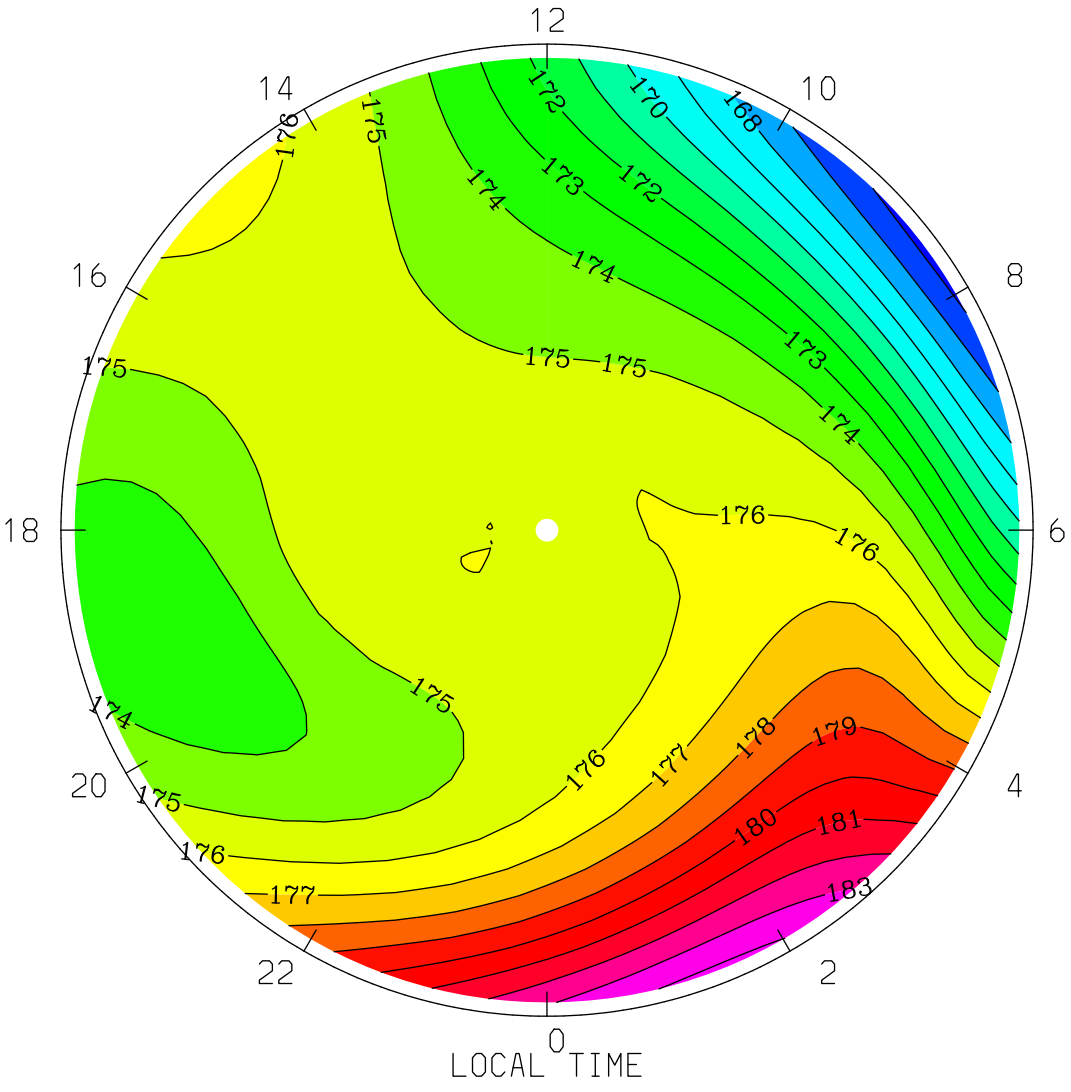
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

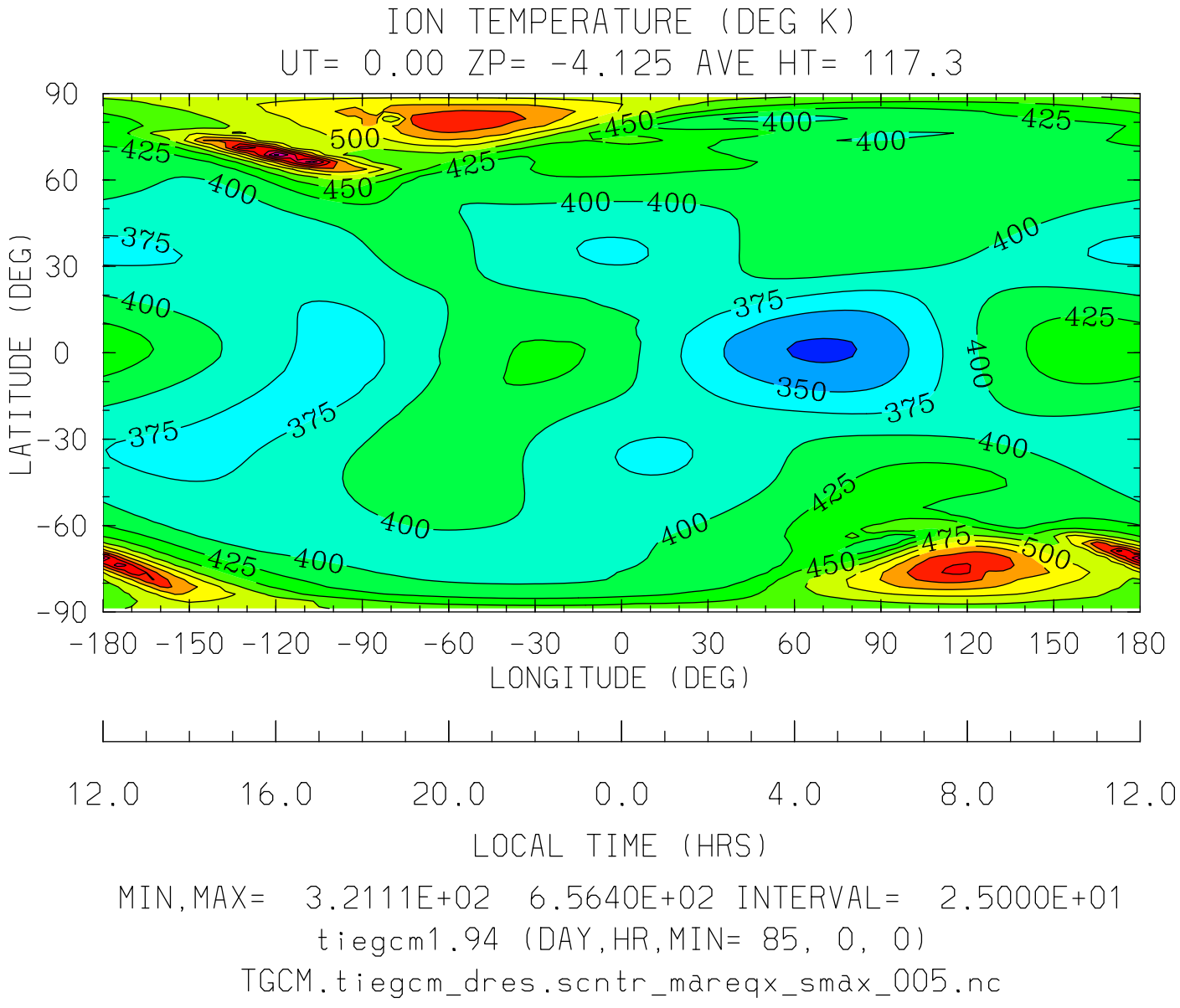


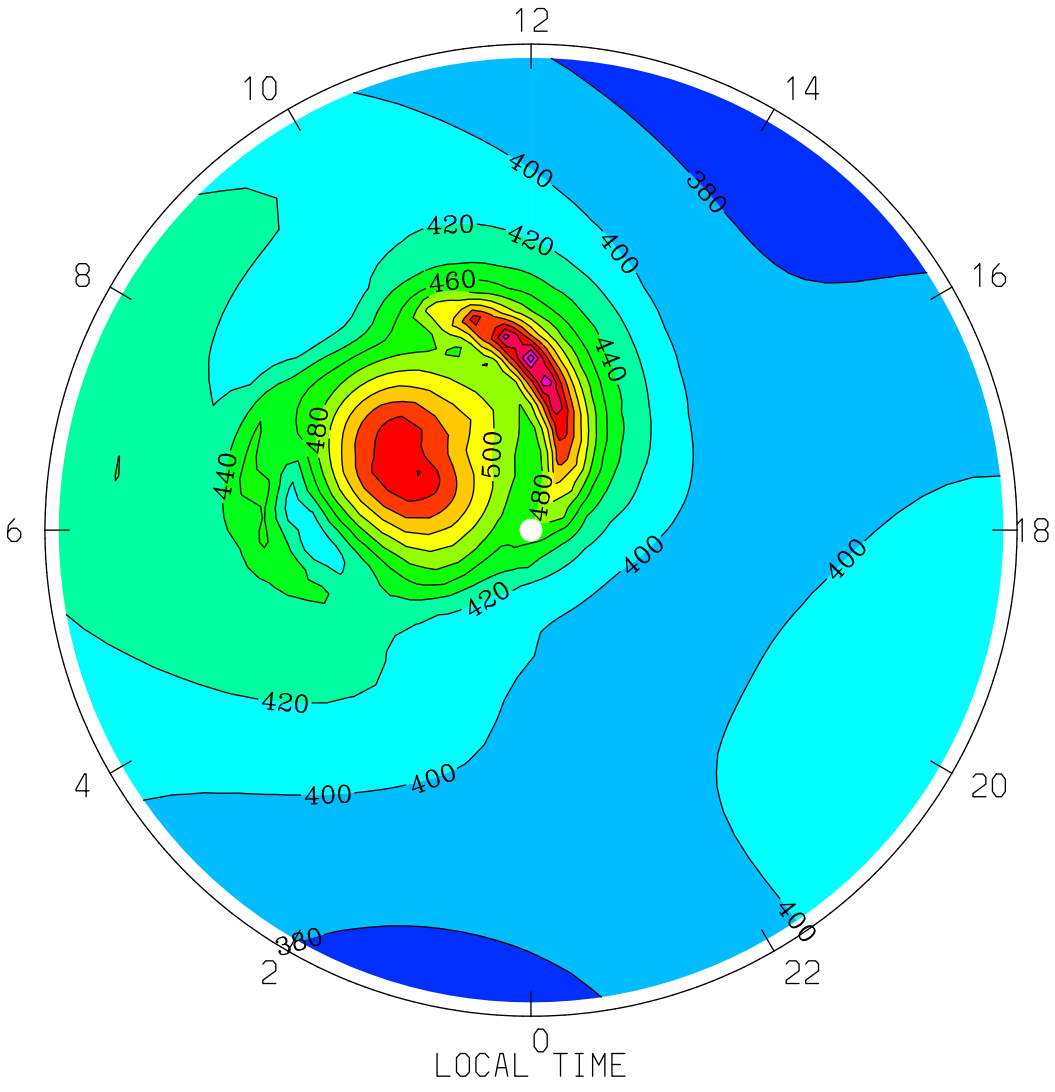
MIN,MAX= 1.6637E+02 1.8311E+02 INTERVAL= 1.0000E+00

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


ION 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= 1.6573E+02 1.8422E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

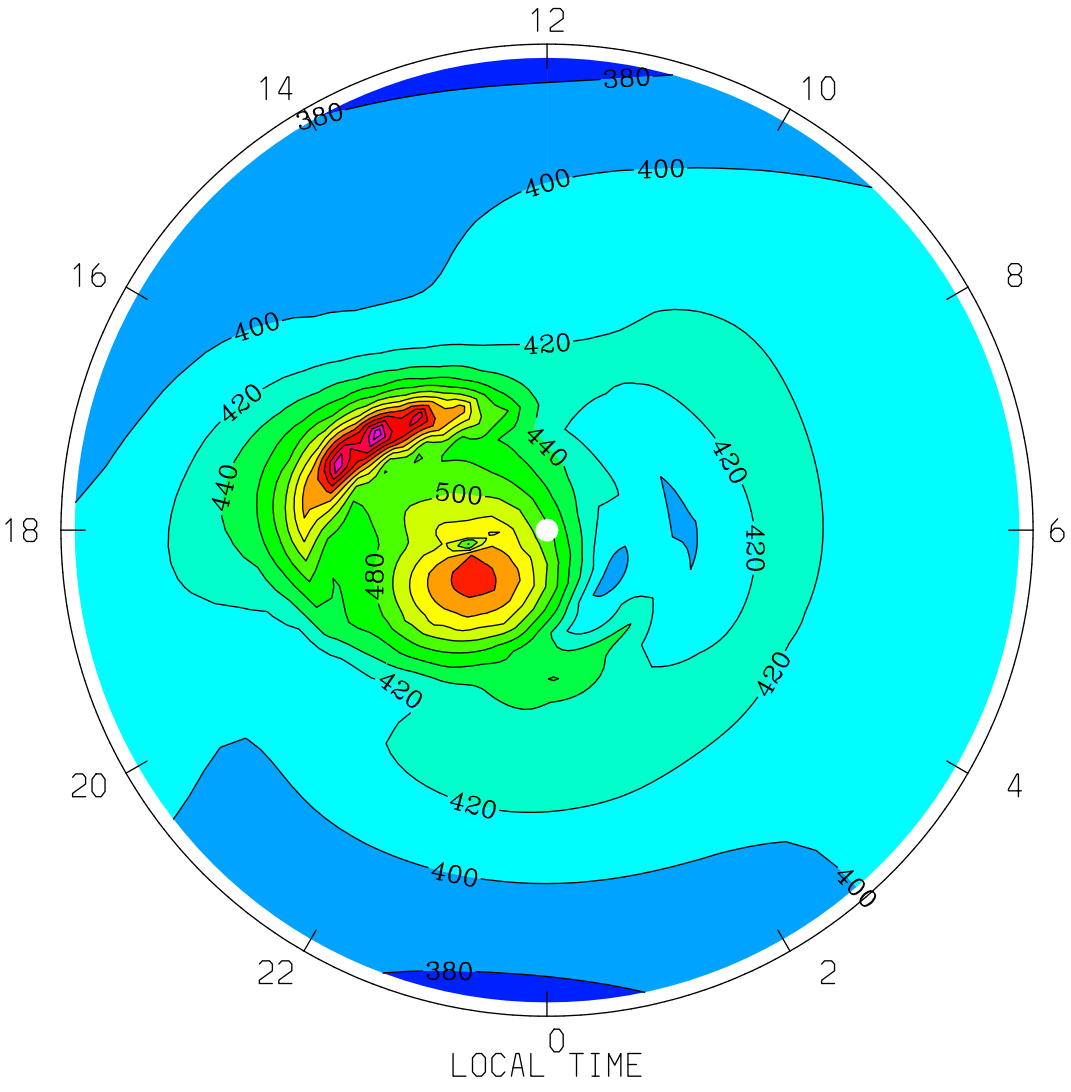

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 117.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.2111E+02 6.5640E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

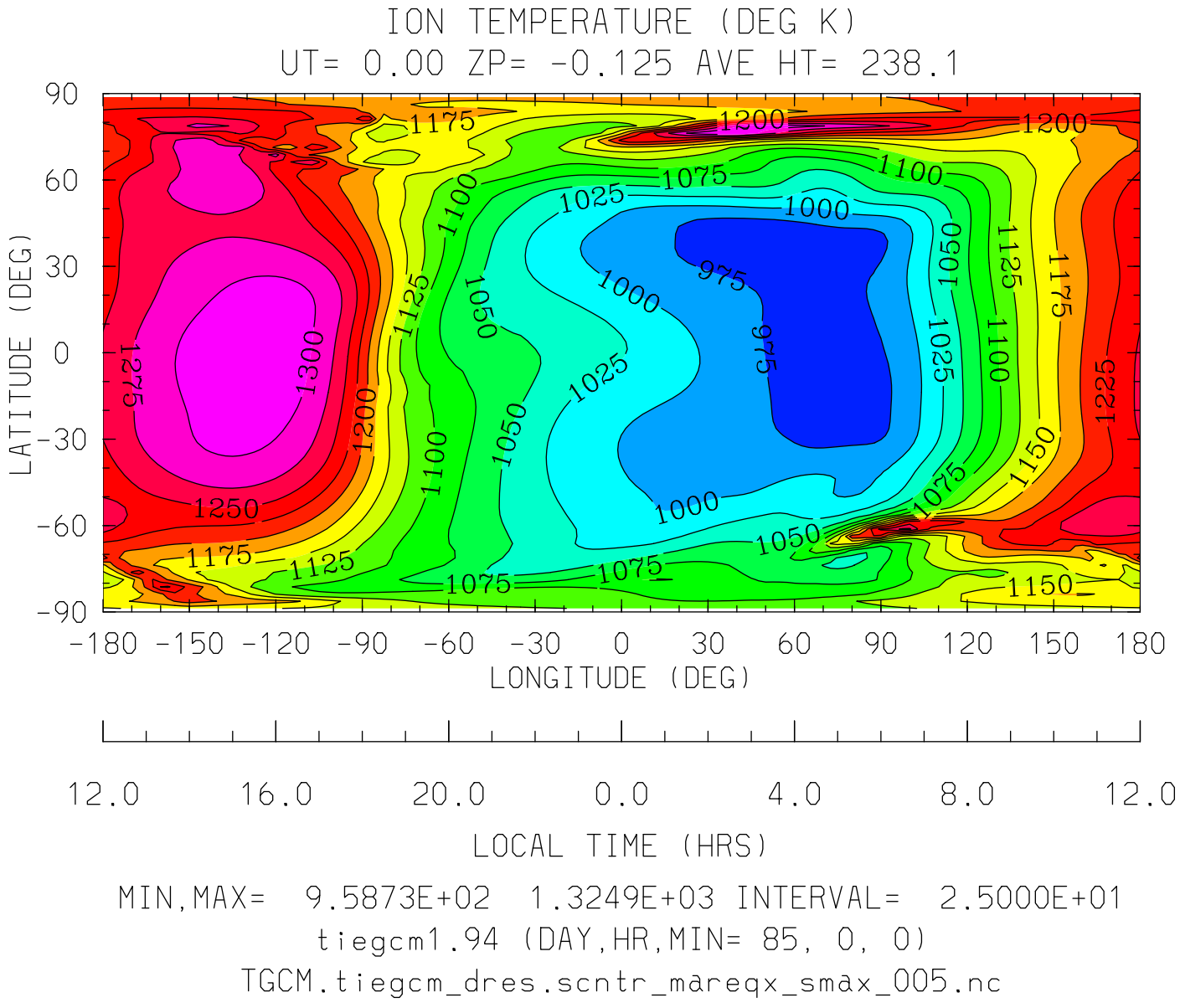


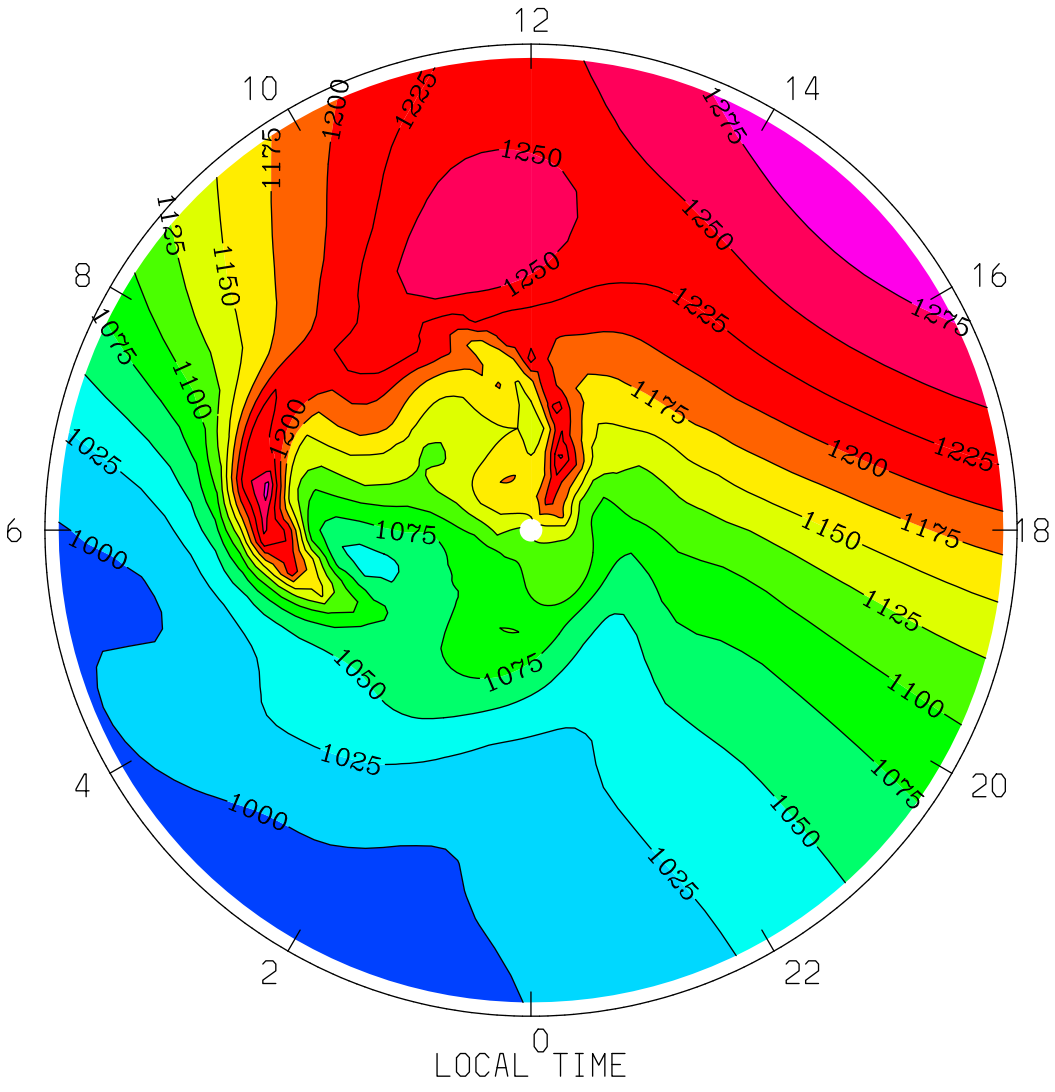
MIN,MAX= 3.7268E+02 6.3397E+02 INTERVAL= 2.0000E+01

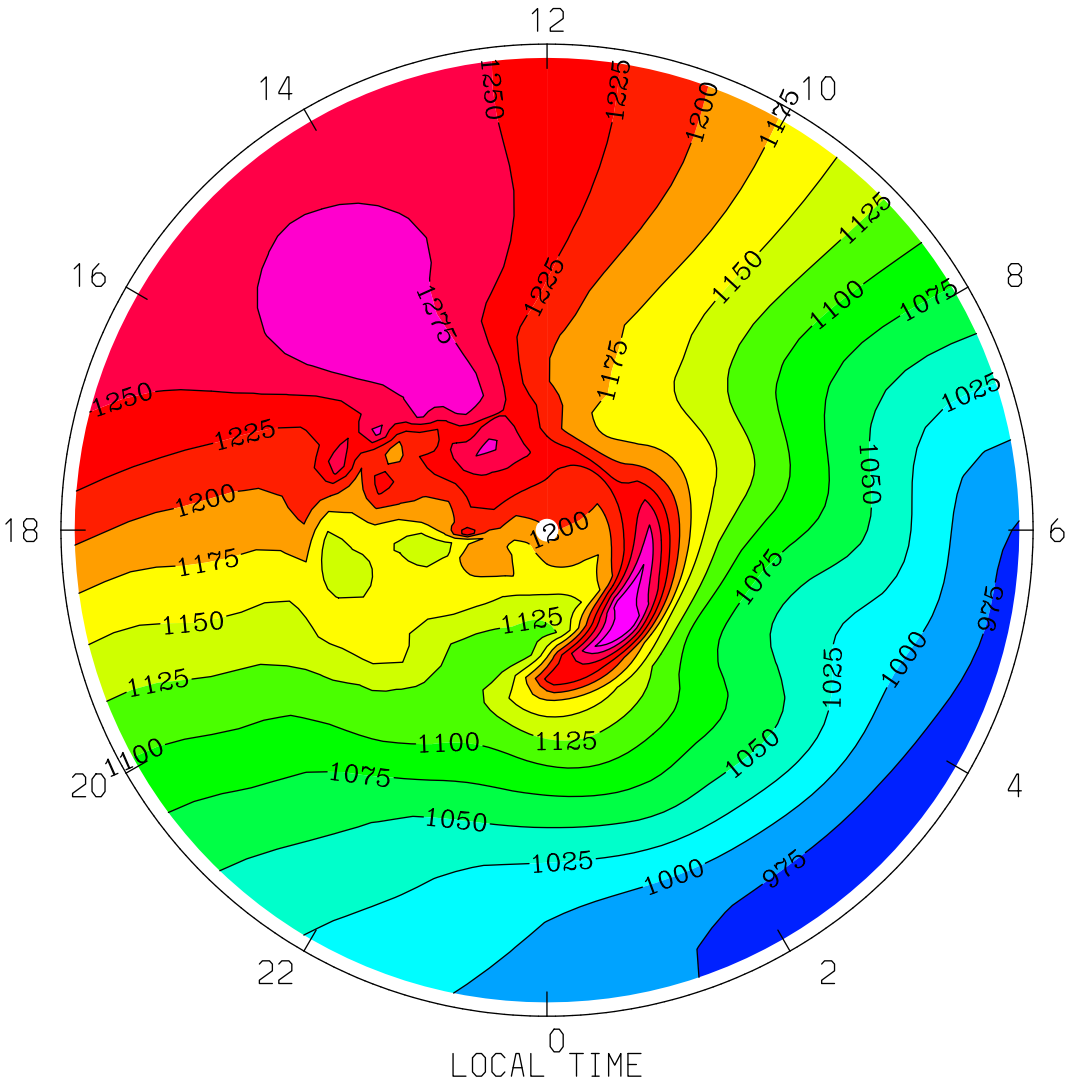
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 117.3 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
380
400
420
440
480
500
LOCAL TIME
MIN,MAX= 3.7582E+02 6.5640E+02 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 238.1
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= 9.5873E+02 1.3249E+03 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

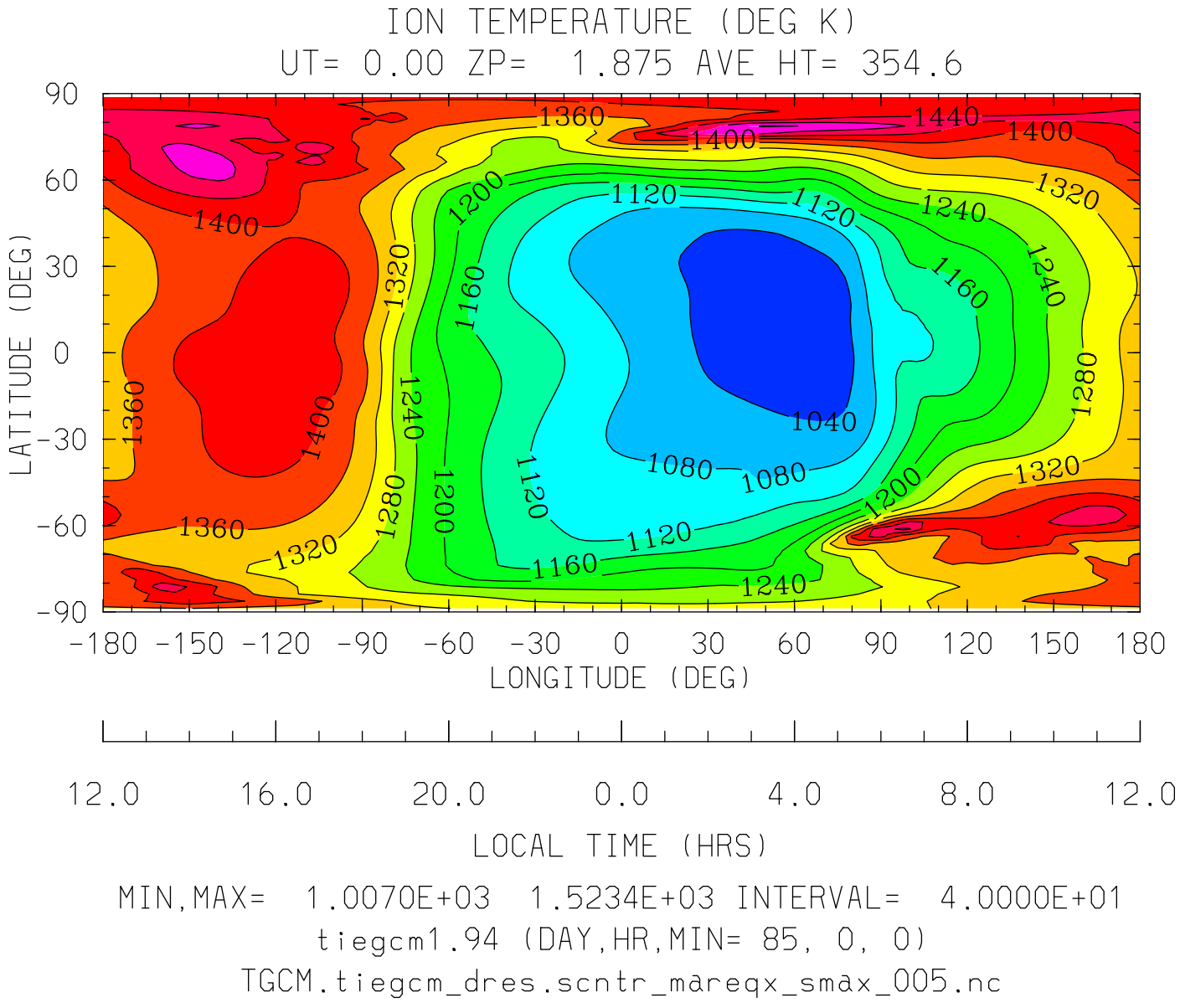

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 238.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
1000
1025
1050
1075
1100
1125
1150
1175
1200
1225
1250
1275
LOCAL TIME
MIN,MAX= 9.8863E+02 1.2907E+03 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 9.5940E+02 1.3249E+03 INTERVAL= 2.5000E+01

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

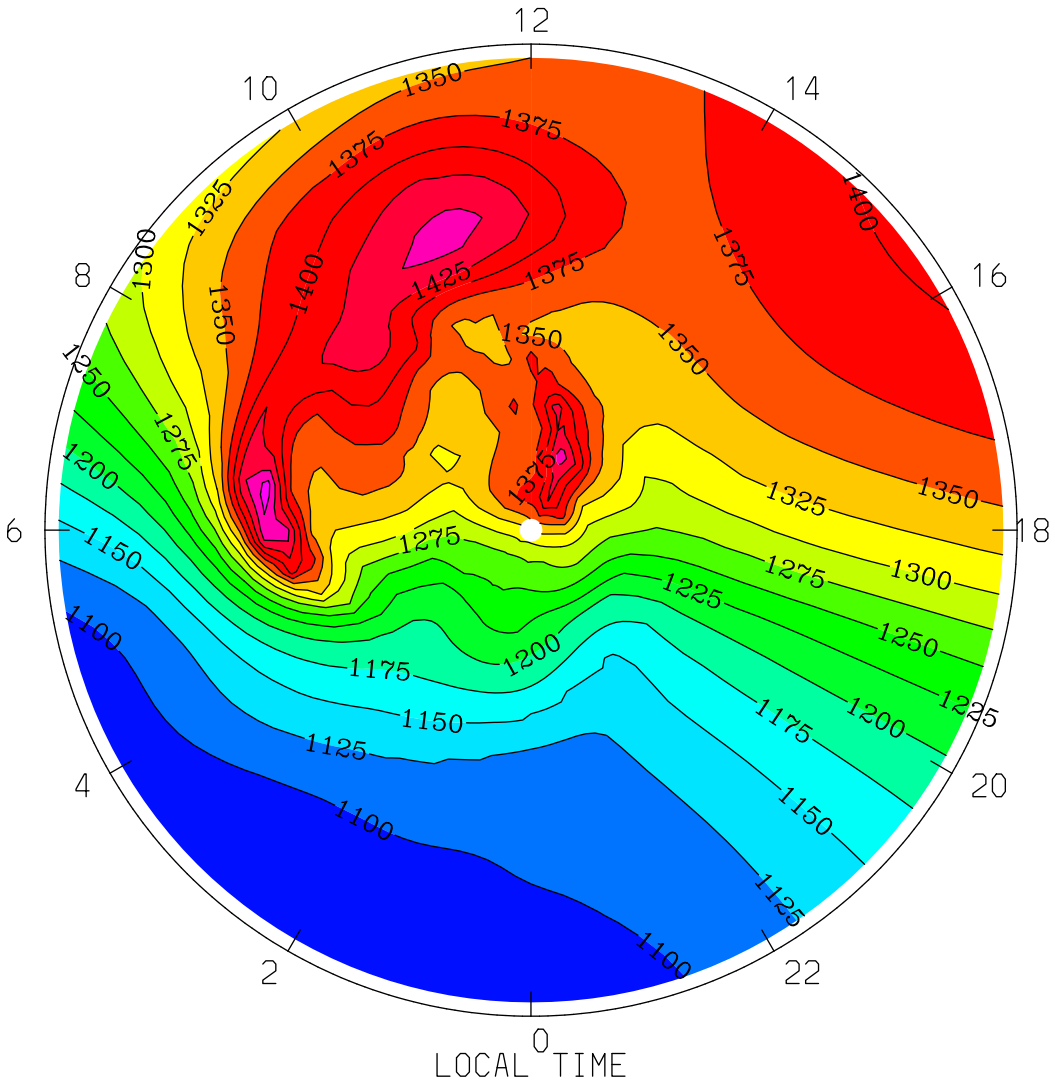
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.0070E+03 1.5234E+03 INTERVAL= 4.0000E+01

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

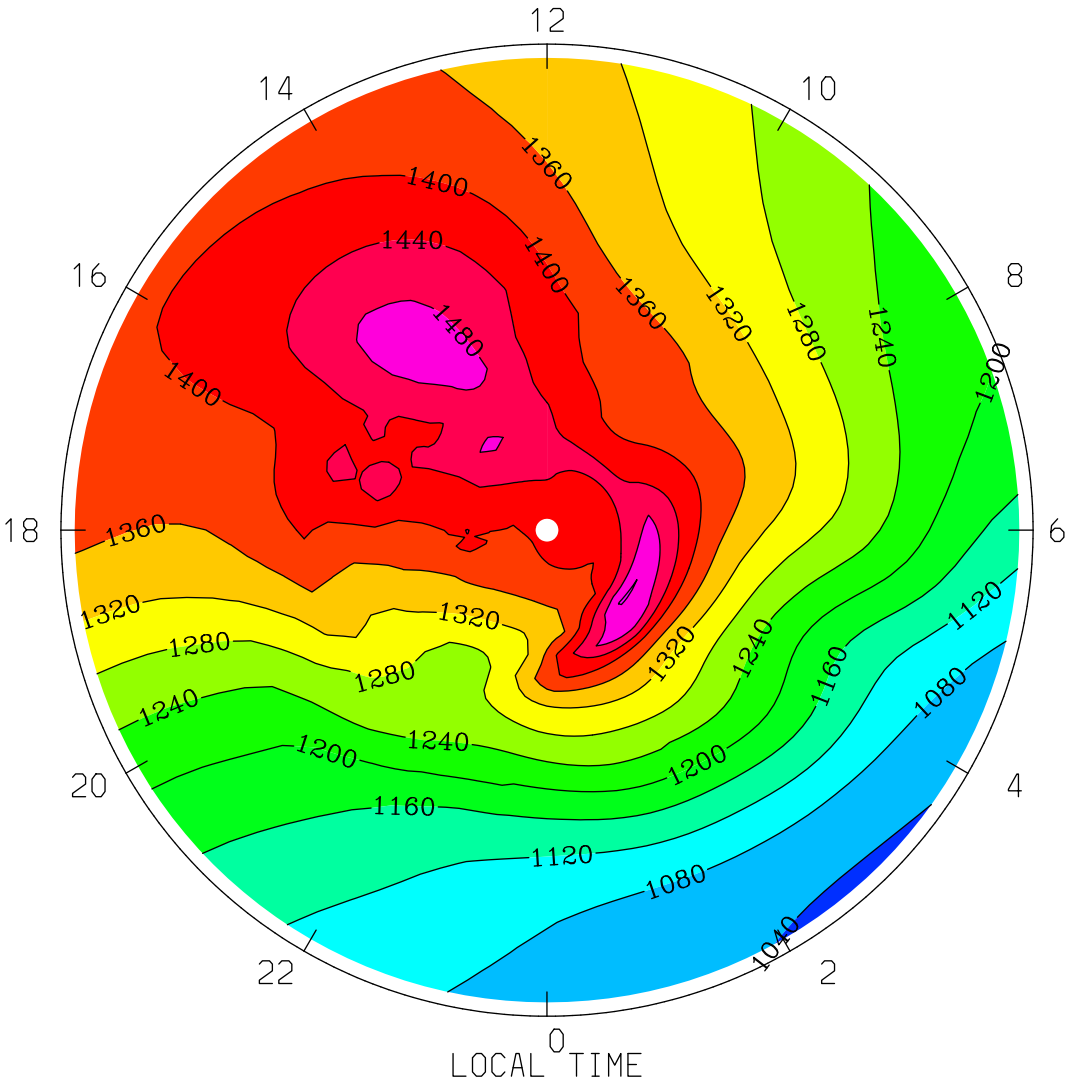
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

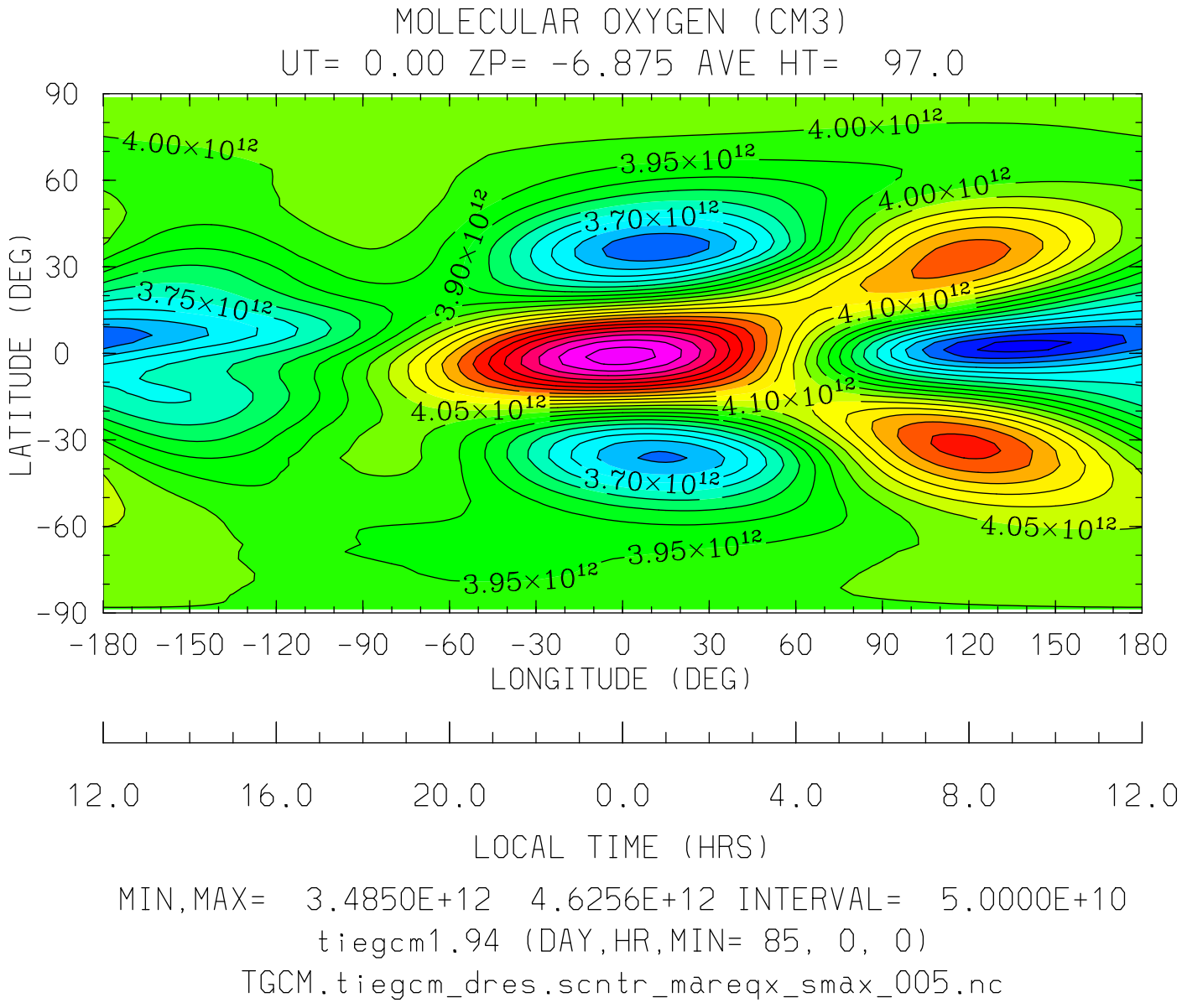


MIN,MAX= 1.0762E+03 1.4890E+03 INTERVAL= 2.5000E+01

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

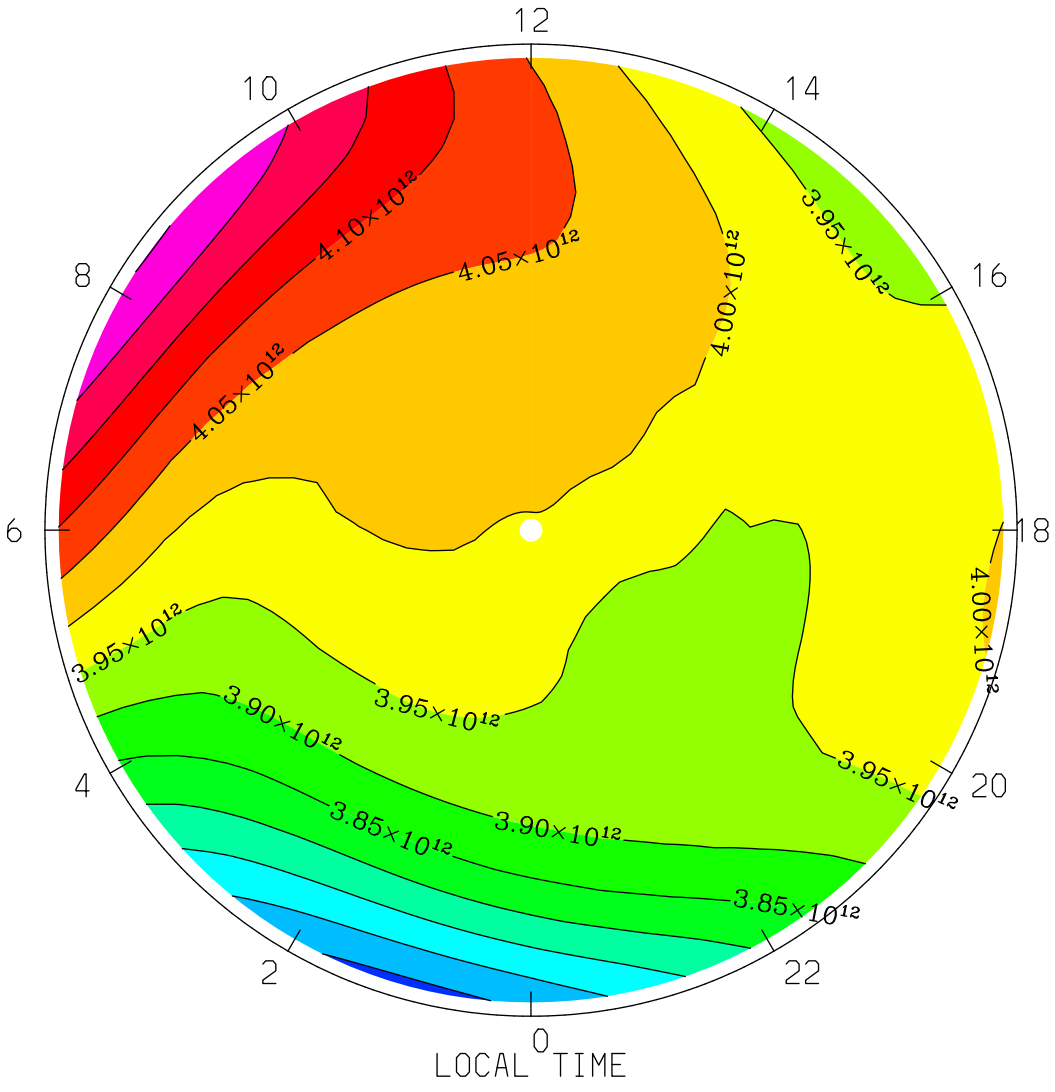

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 354.6 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
1360
1400
1440
1480
1320
1280
1240
1200
1160
1120
1080
1040
LOCAL TIME
MIN,MAX= 1.0357E+03 1.5234E+03 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 3.4850E+12 4.6256E+12 INTERVAL= 5.0000E+10

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

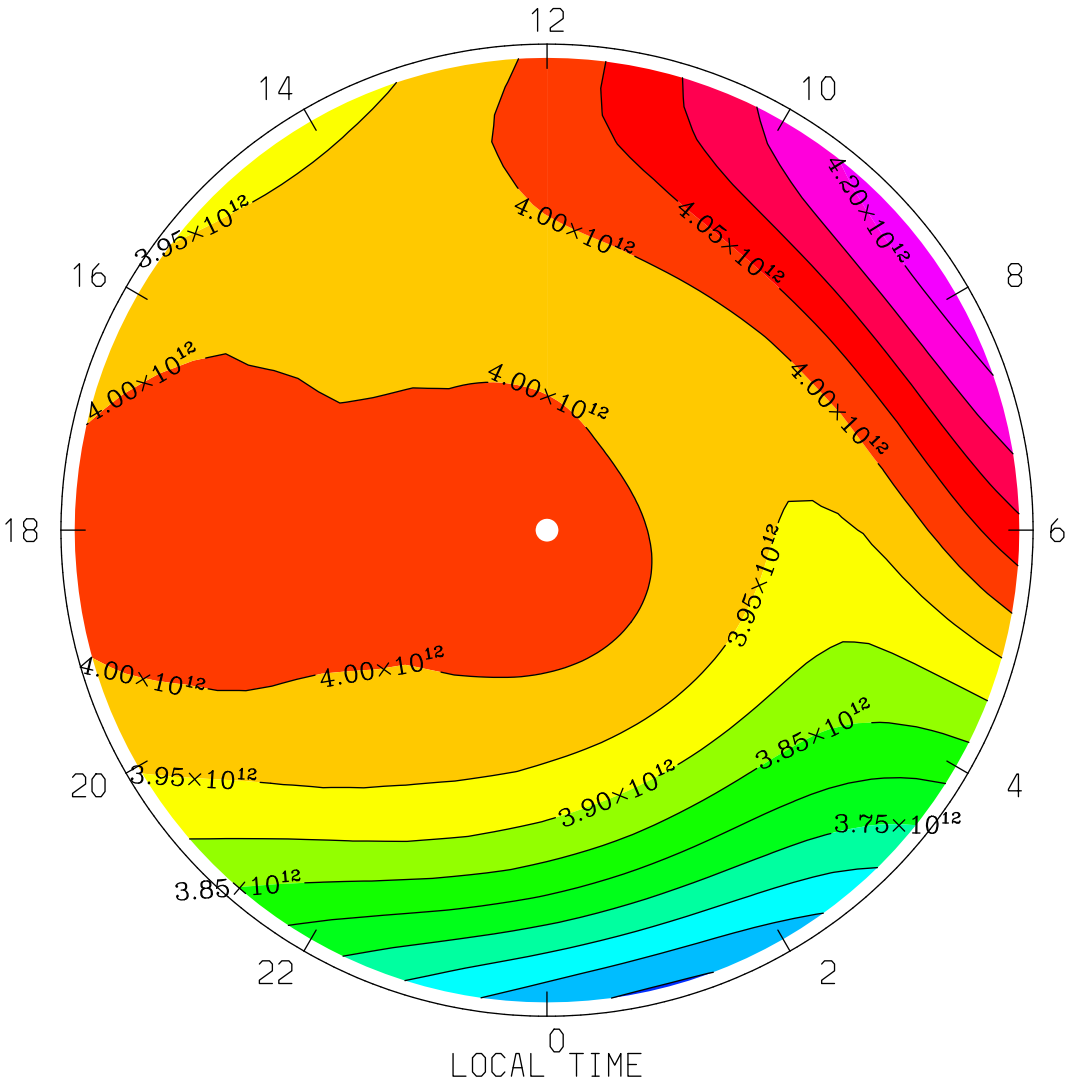
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

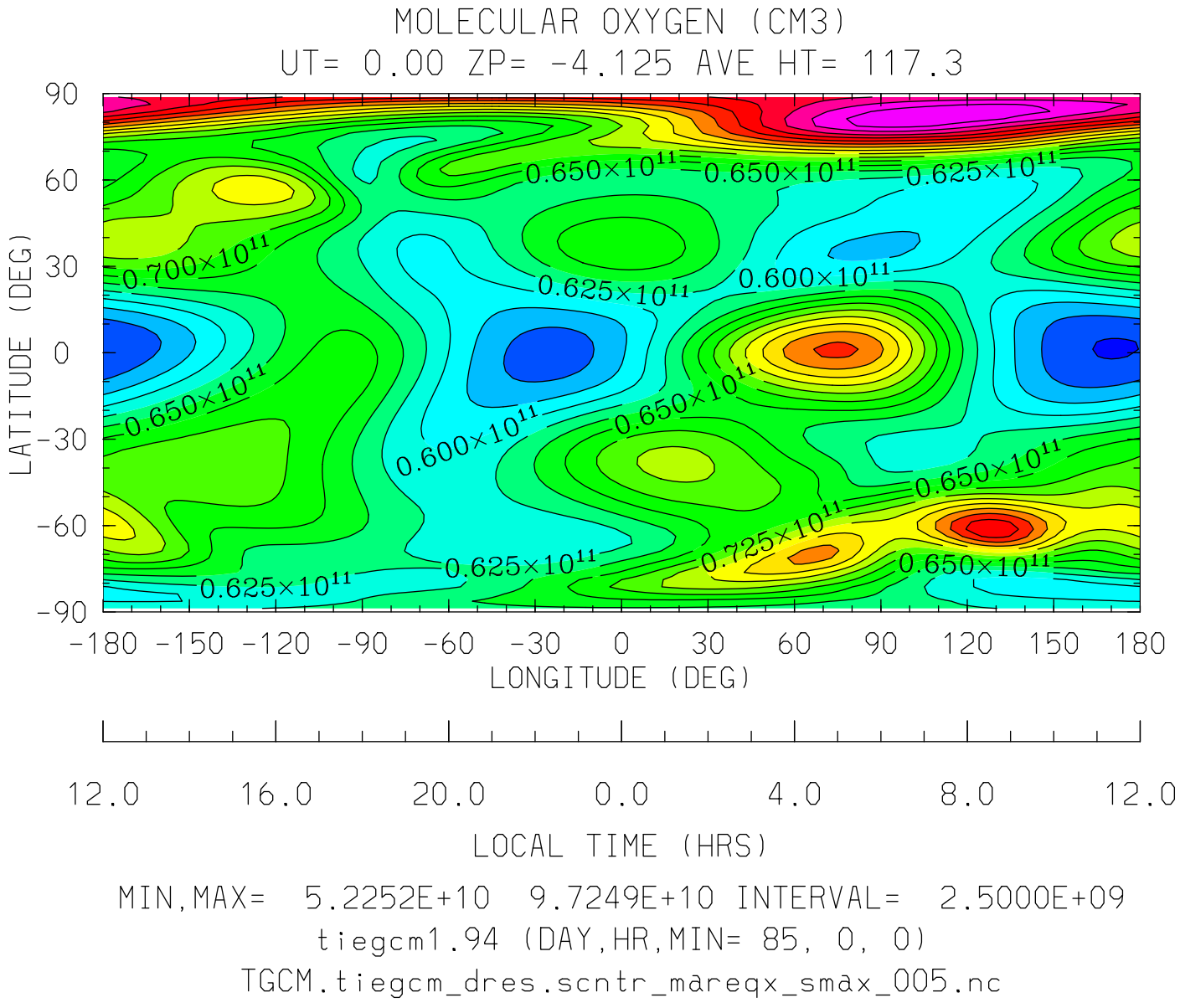


MIN,MAX= 3.6374E+12 4.2514E+12 INTERVAL= 5.0000E+10

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


MOLECULAR OXYGEN (CM3)
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
4.20×10¹²
4.05×10¹²
4.00×10¹²
3.95×10¹²
3.90×10¹²
3.85×10¹²
3.75×10¹²
MIN,MAX= 3.5951E+12 4.2314E+12 INTERVAL= 5.0000E+10
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

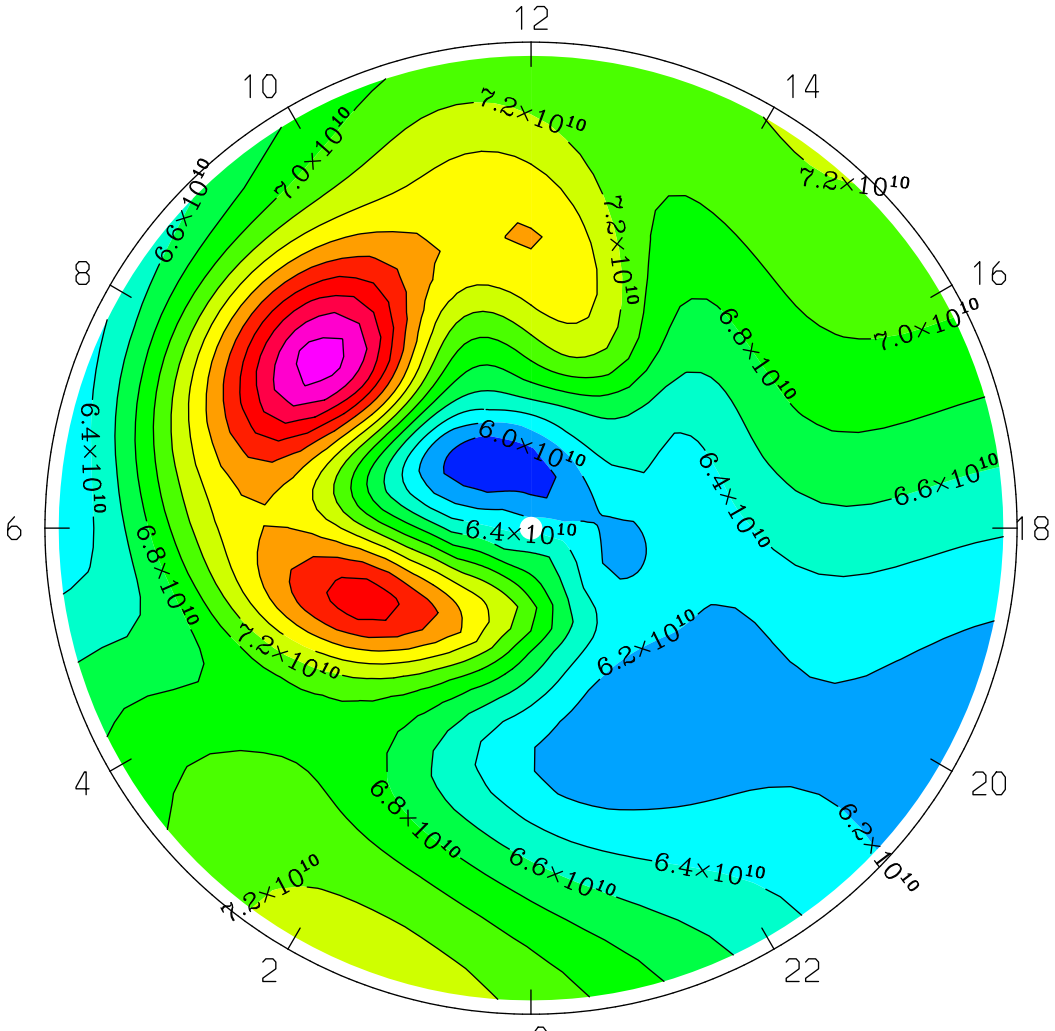


MIN,MAX= 5.2252E+10 9.7249E+10 INTERVAL= 2.5000E+09

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

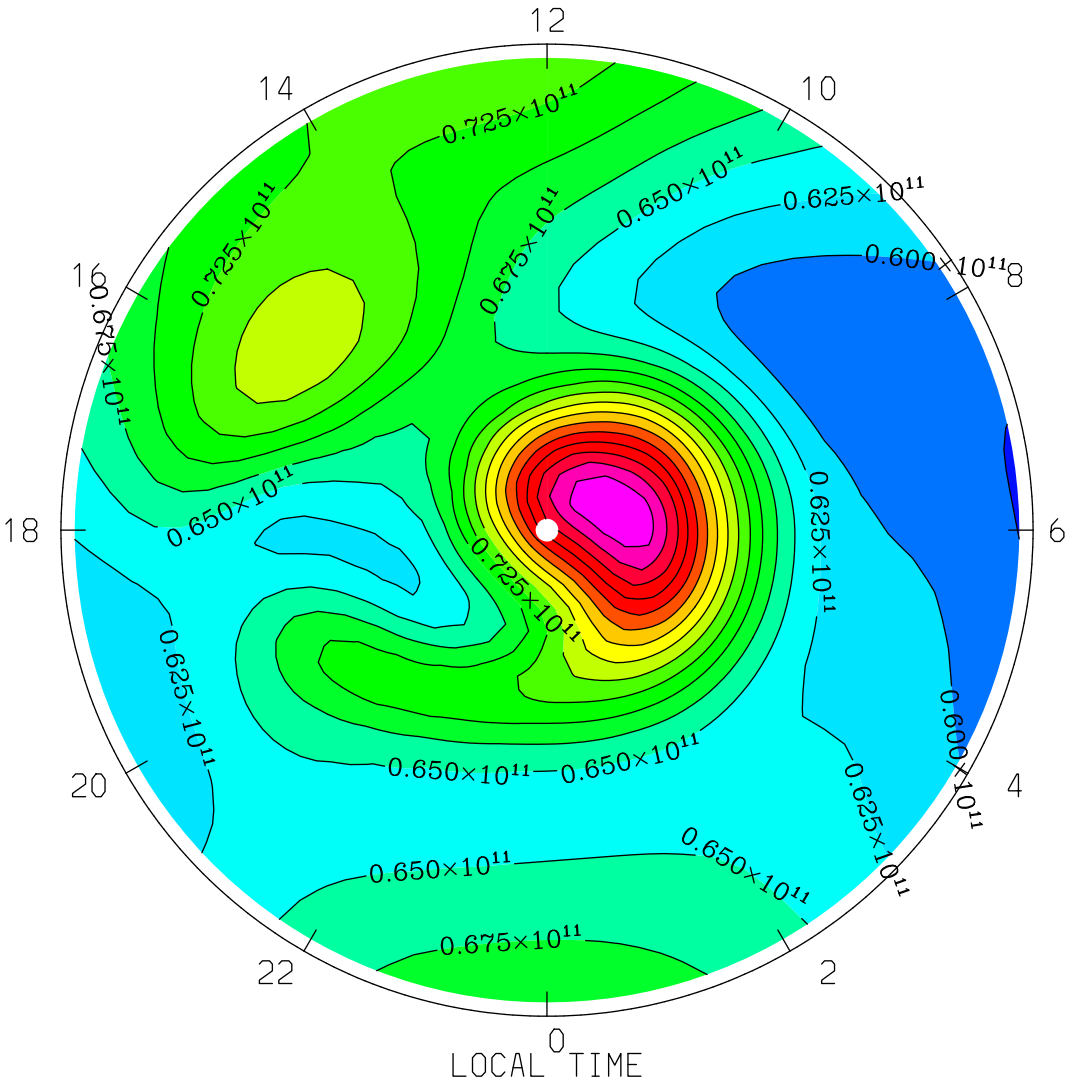
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.3 PERIM-LAT=-40.0



LOCAL TIME

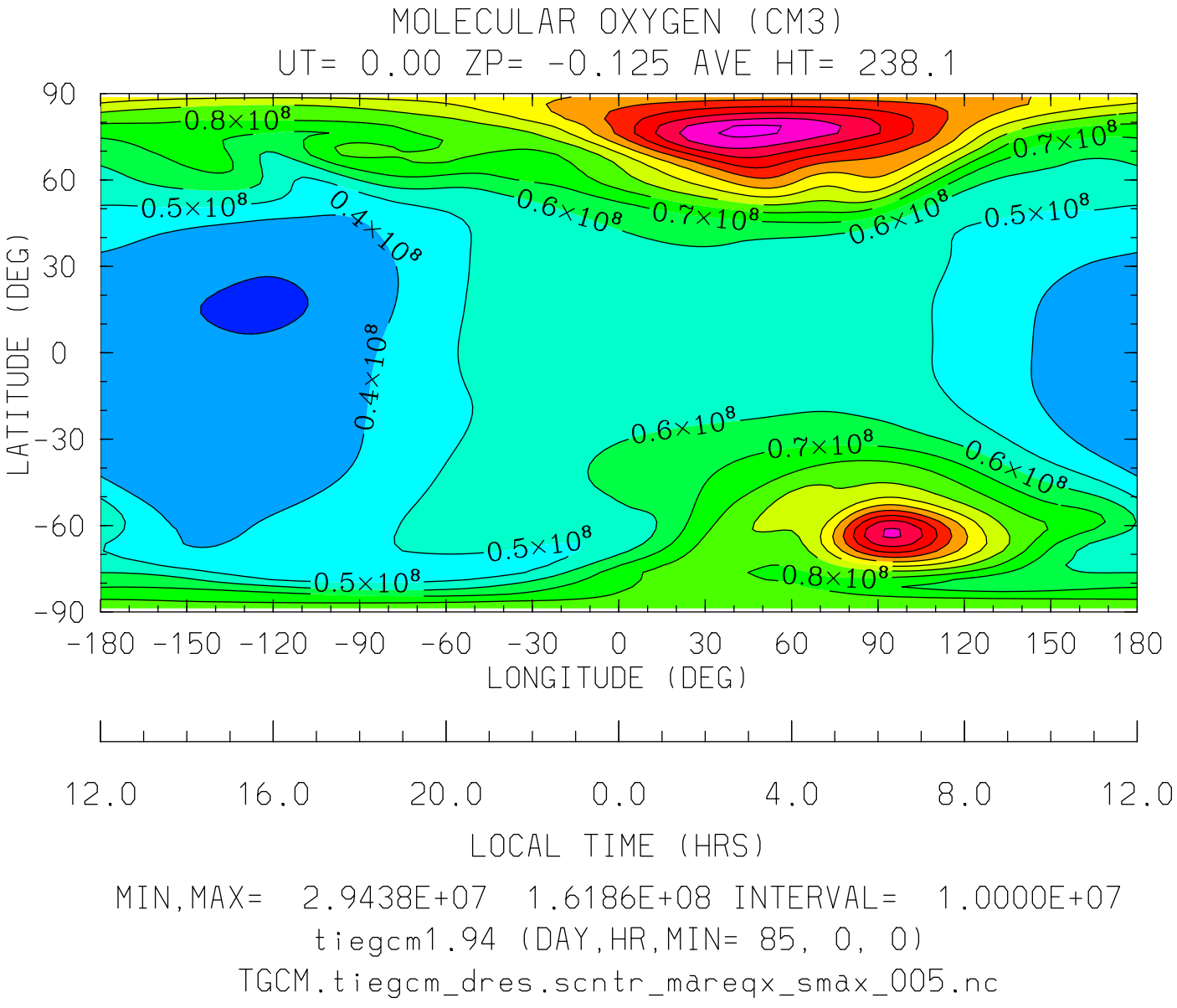
MIN,MAX= 5.8521E+10 8.7046E+10 INTERVAL= 2.0000E+09
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

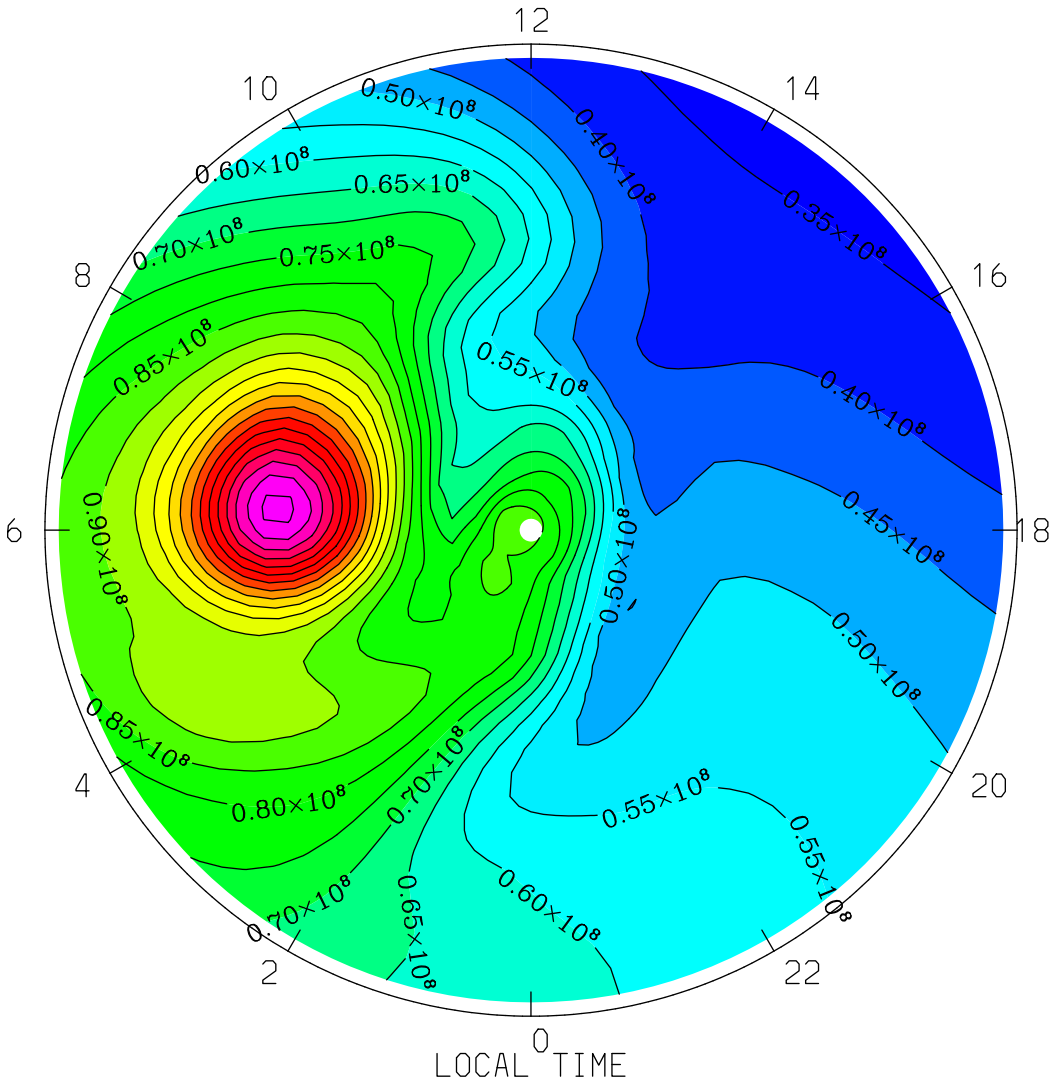


MIN,MAX= 5.7362E+10 9.7249E+10 INTERVAL= 2.5000E+09

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

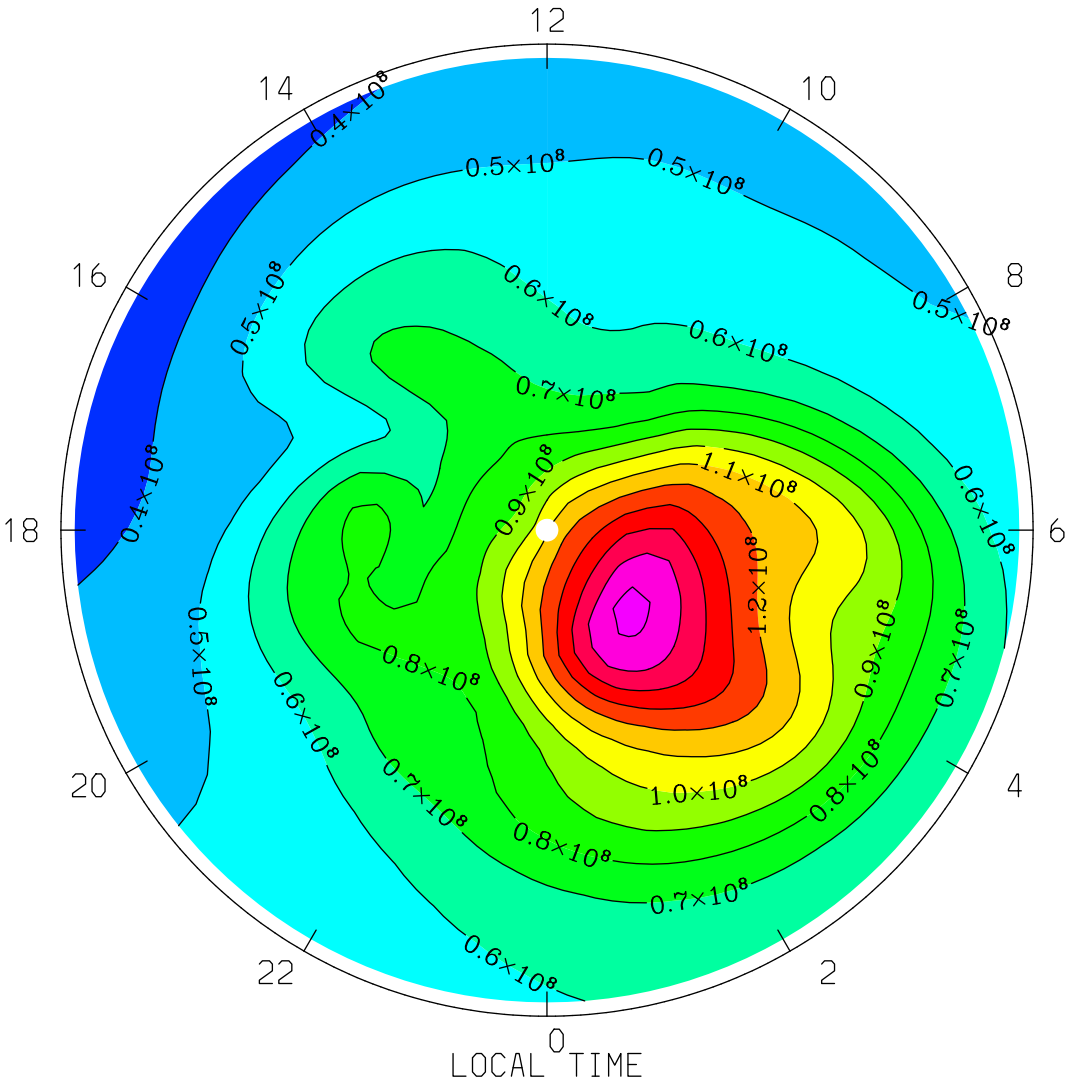

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 238.1
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
0.8×10⁸
0.7×10⁸
0.6×10⁸
0.5×10⁸
0.4×10⁸
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.9438E+07 1.6186E+08 INTERVAL= 1.0000E+07
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 3.3708E+07 1.5126E+08 INTERVAL= 5.0000E+06

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

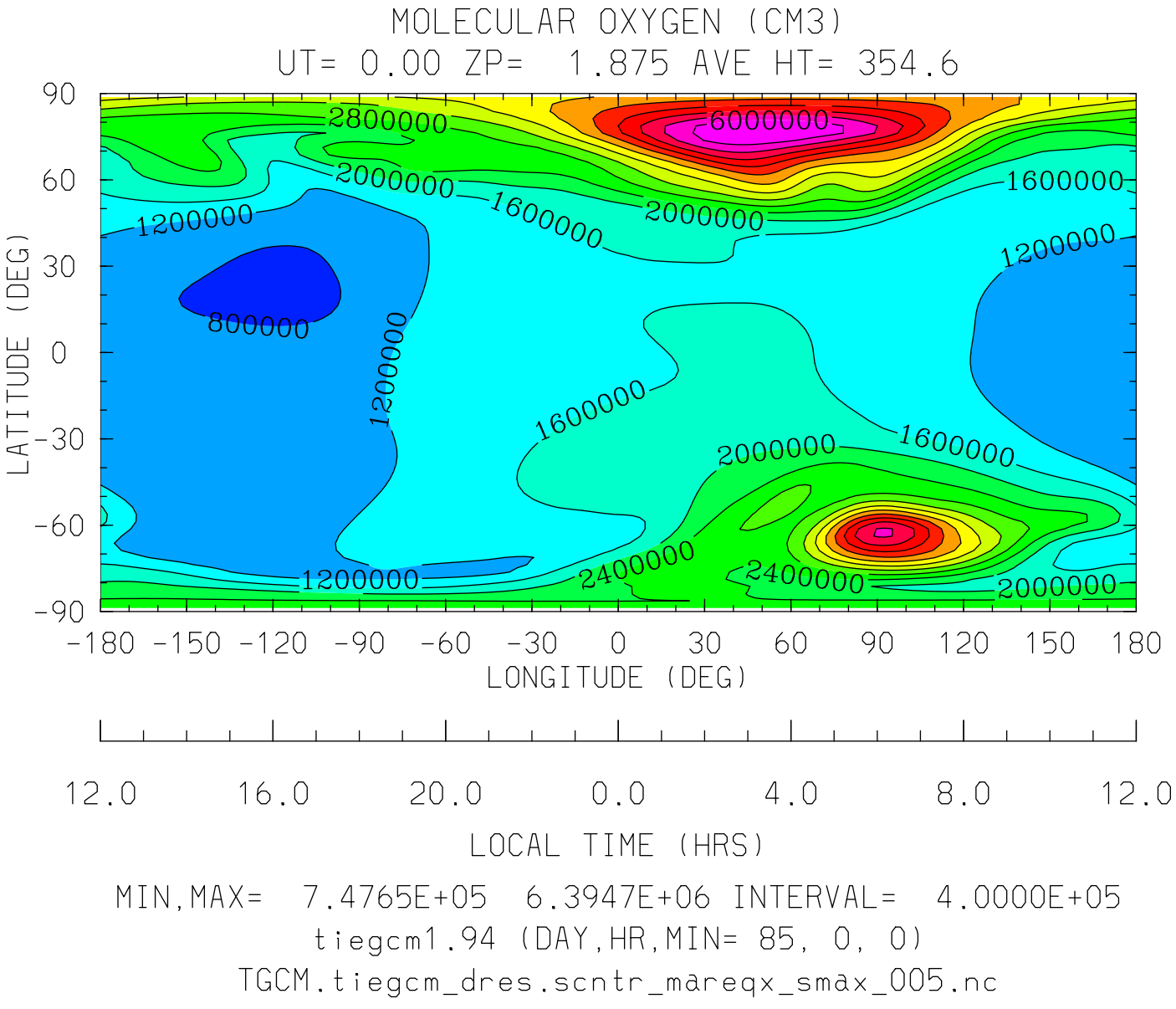
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 3.4346E+07 1.6186E+08 INTERVAL= 1.0000E+07

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

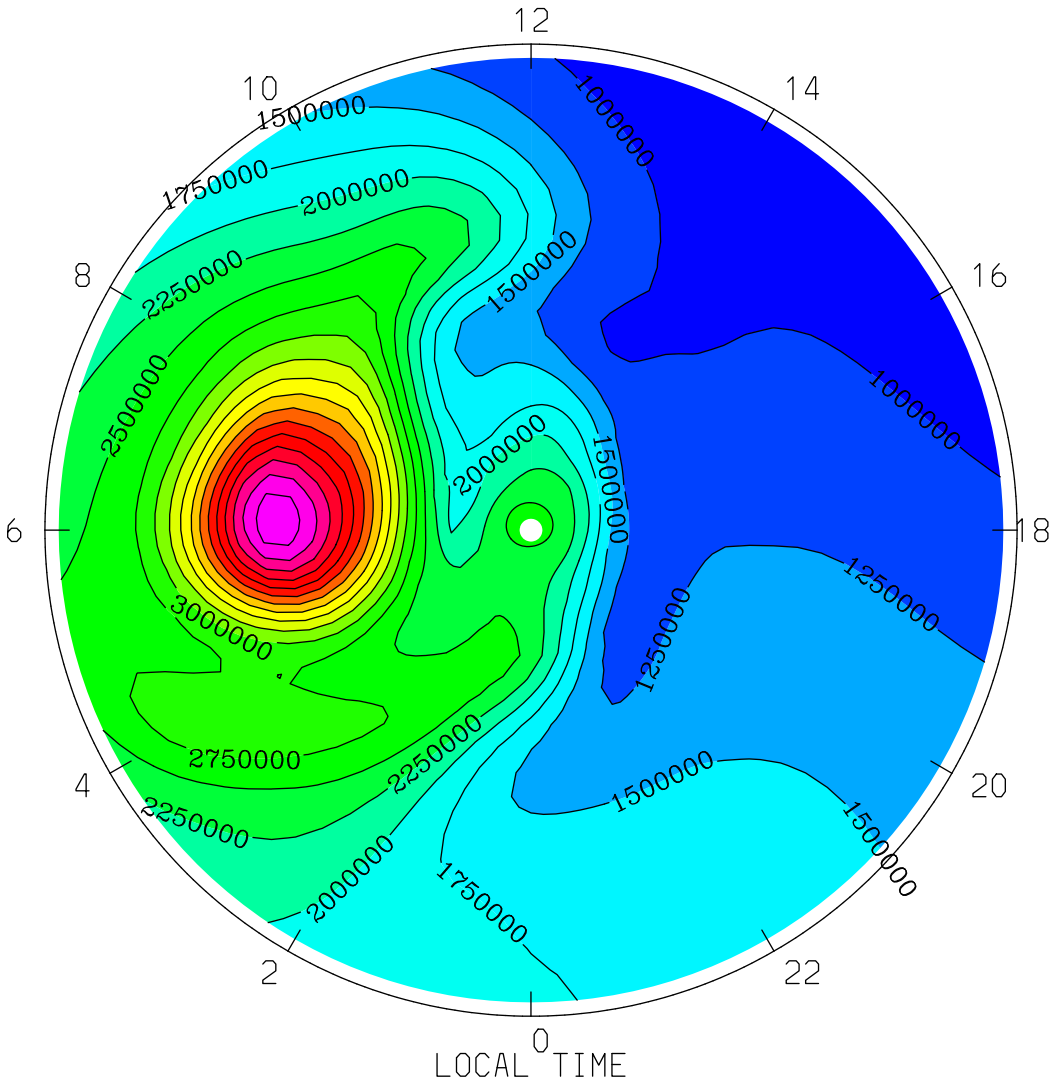
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 7.4765E+05 6.3947E+06 INTERVAL= 4.0000E+05

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

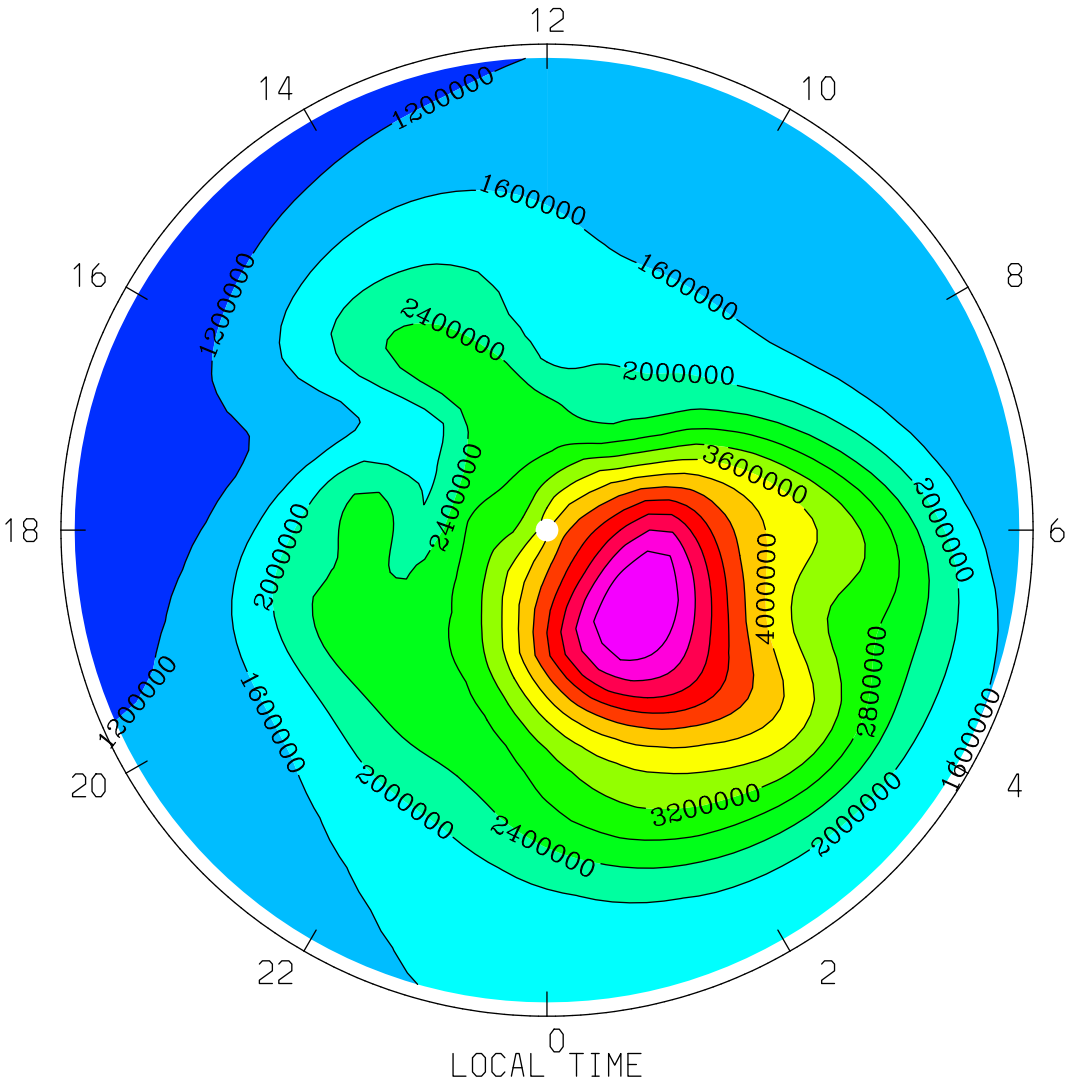
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

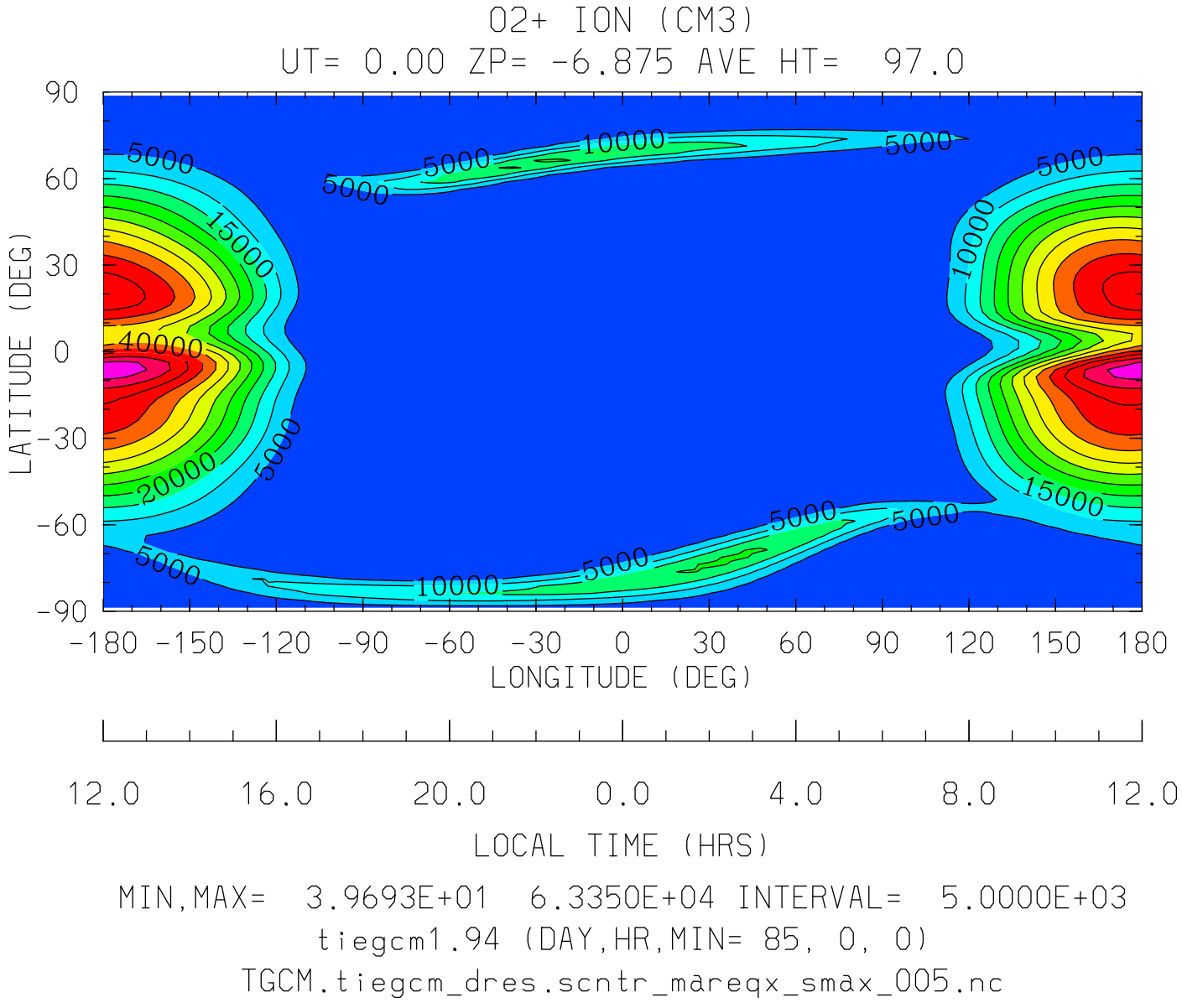


MIN,MAX= 8.8111E+05 5.6502E+06 INTERVAL= 2.5000E+05

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

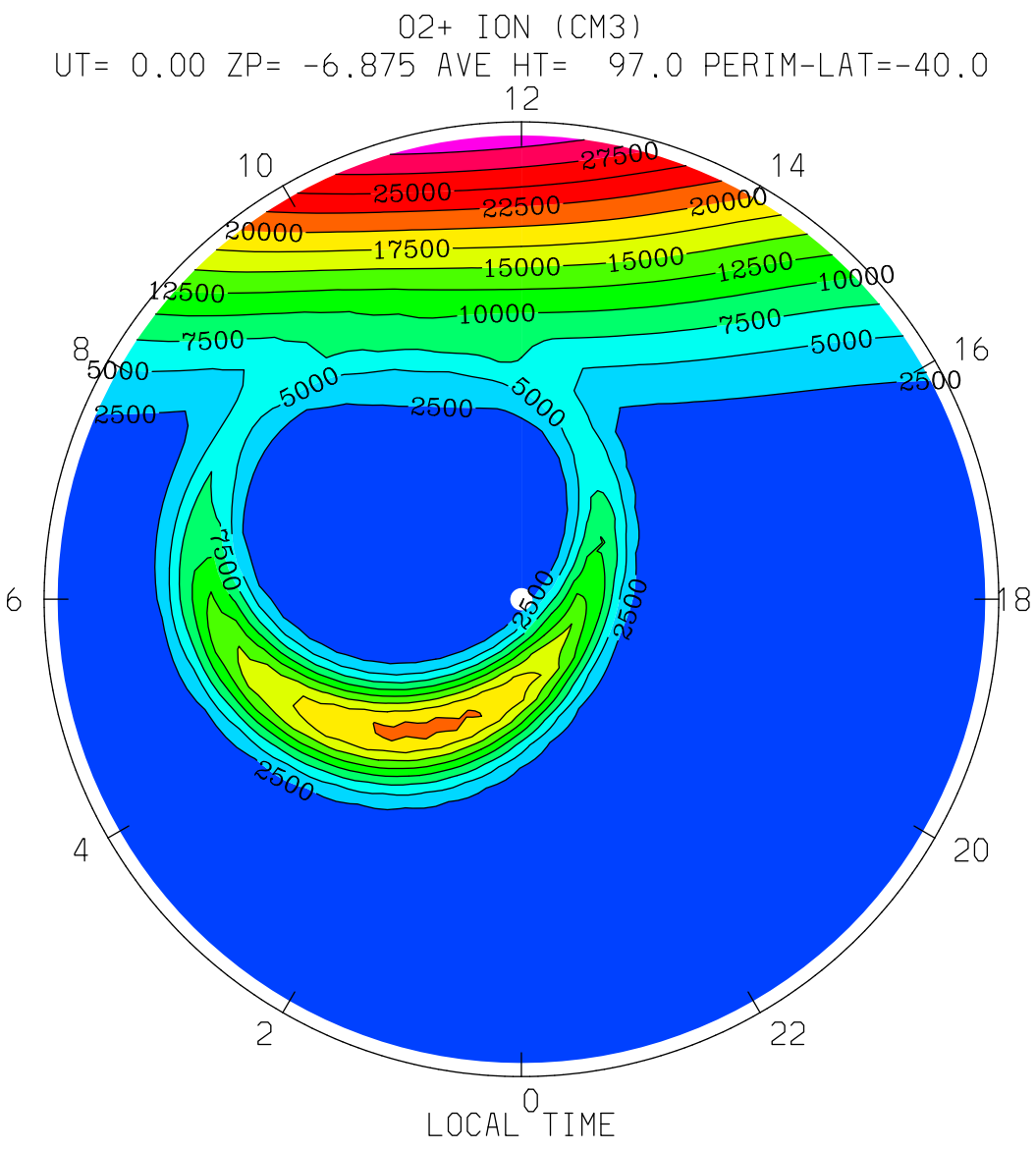

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 354.6 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
1200000
1600000
2400000
2000000
3600000
4000000
2800000
3200000
LOCAL TIME
MIN,MAX= 8.5791E+05 6.3947E+06 INTERVAL= 4.0000E+05
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

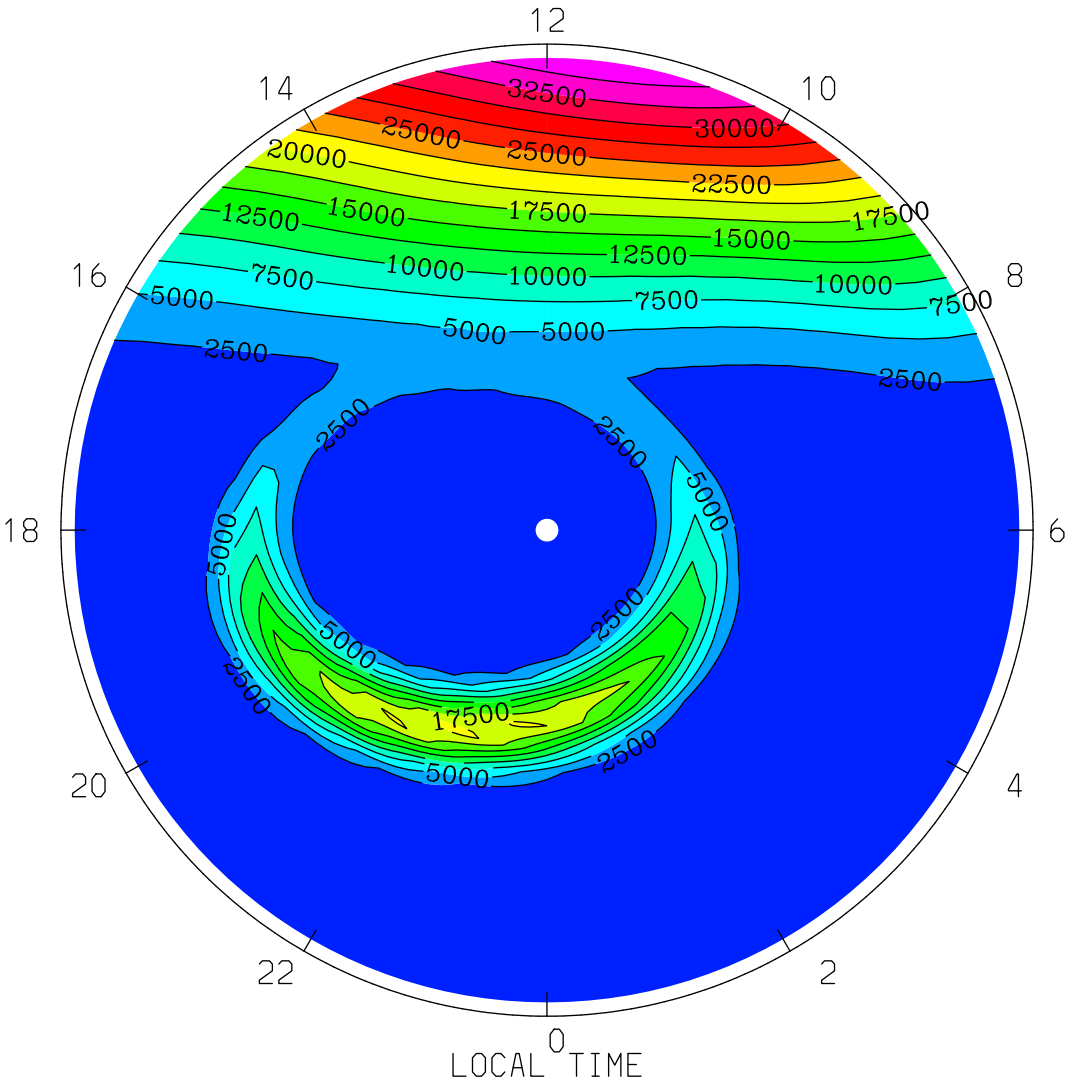


MIN,MAX= 3.9693E+01 6.3350E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

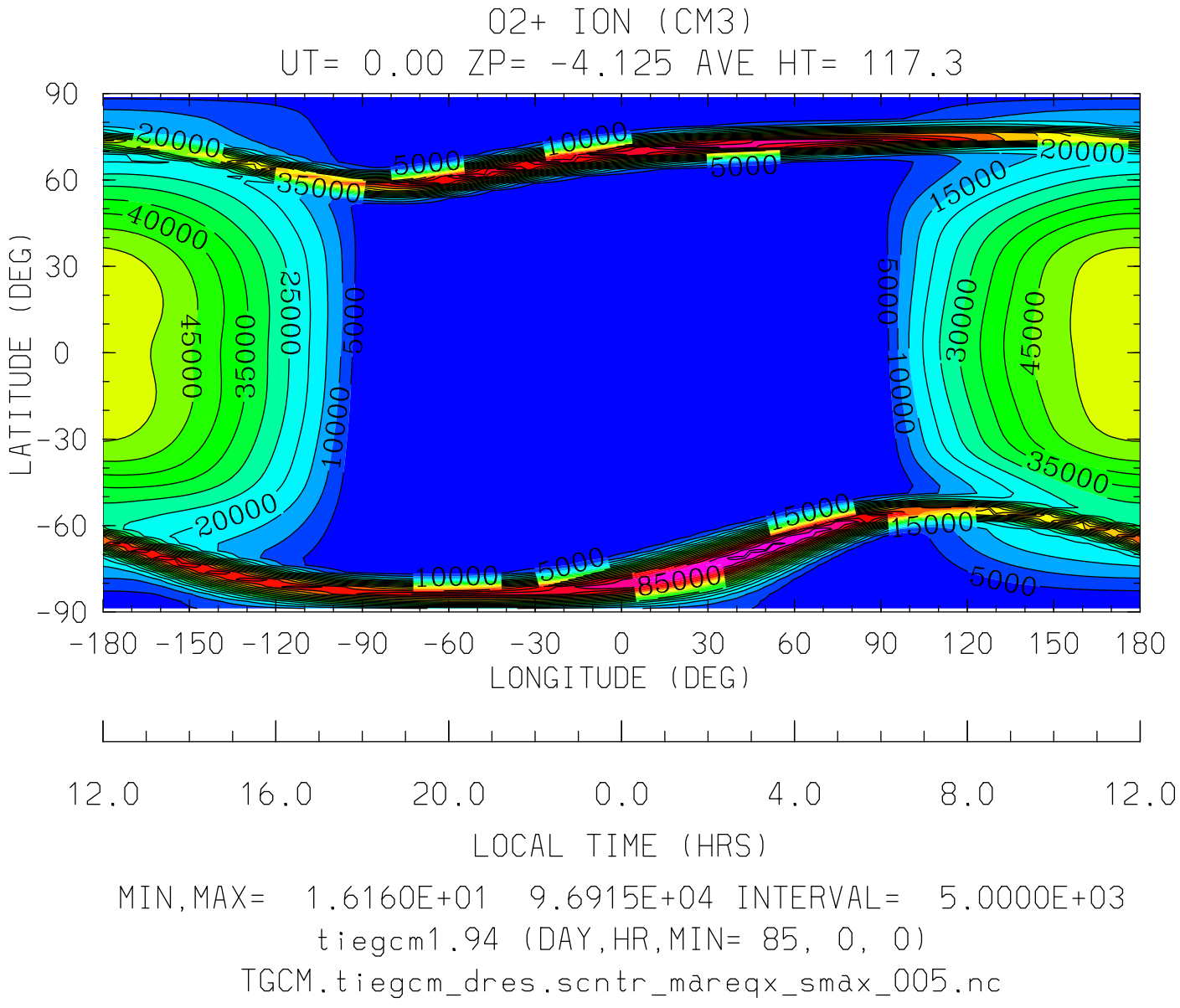

O2+ ION (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
27500
25000
22500
20000
17500
15000
12500
10000
7500
5000
2500
MIN,MAX= 1.1592E+02 3.1648E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

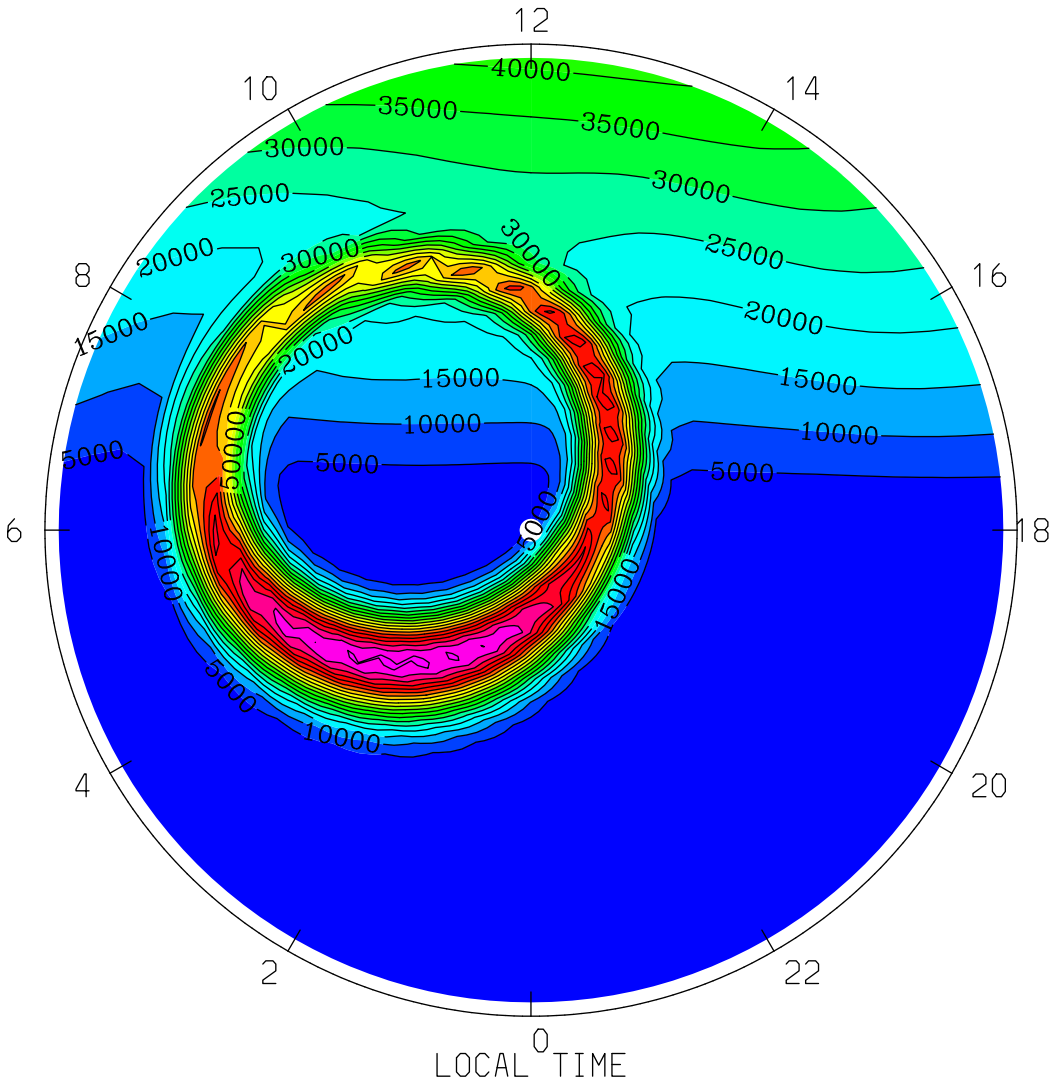


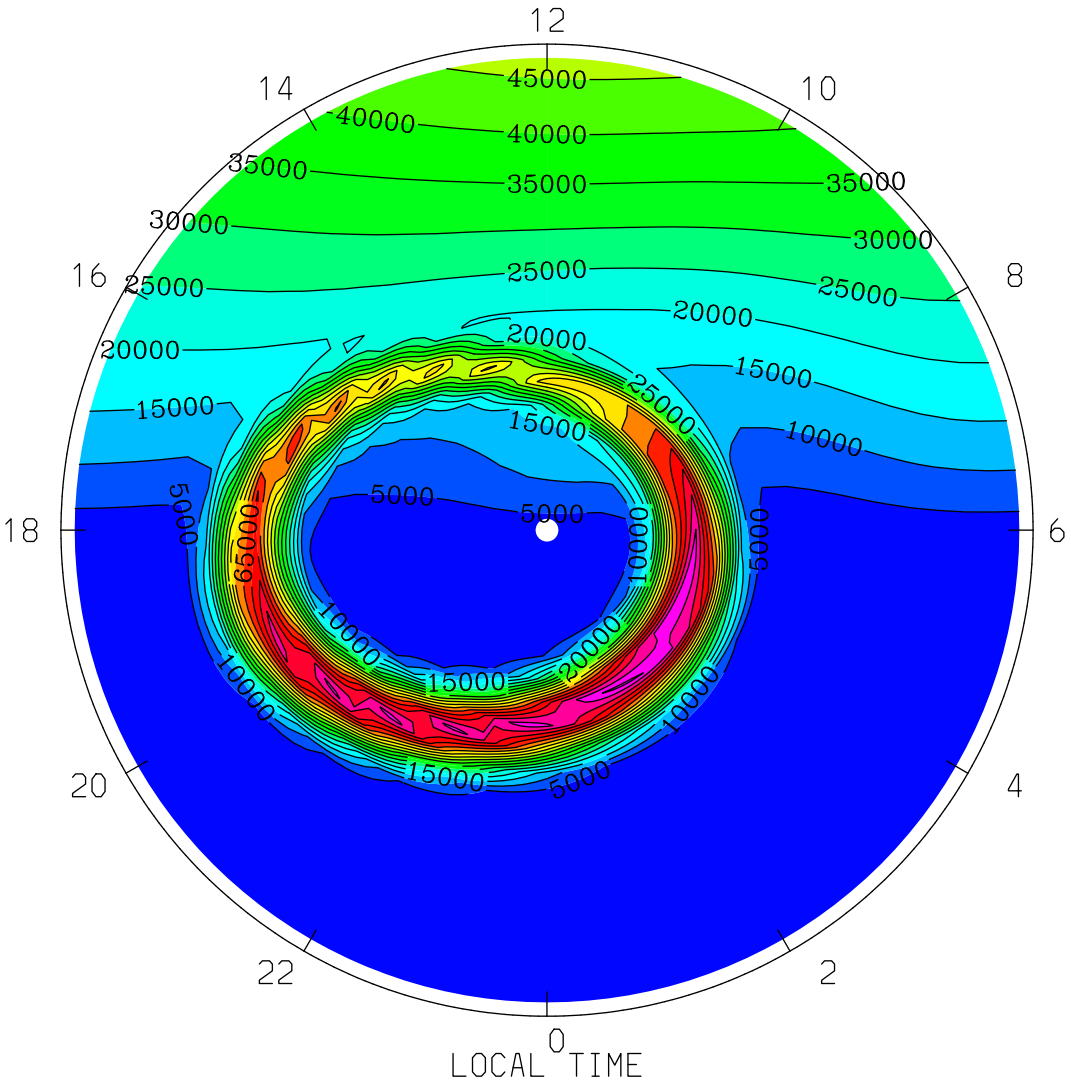
MIN,MAX= 9.6099E+01 3.7196E+04 INTERVAL= 2.5000E+03

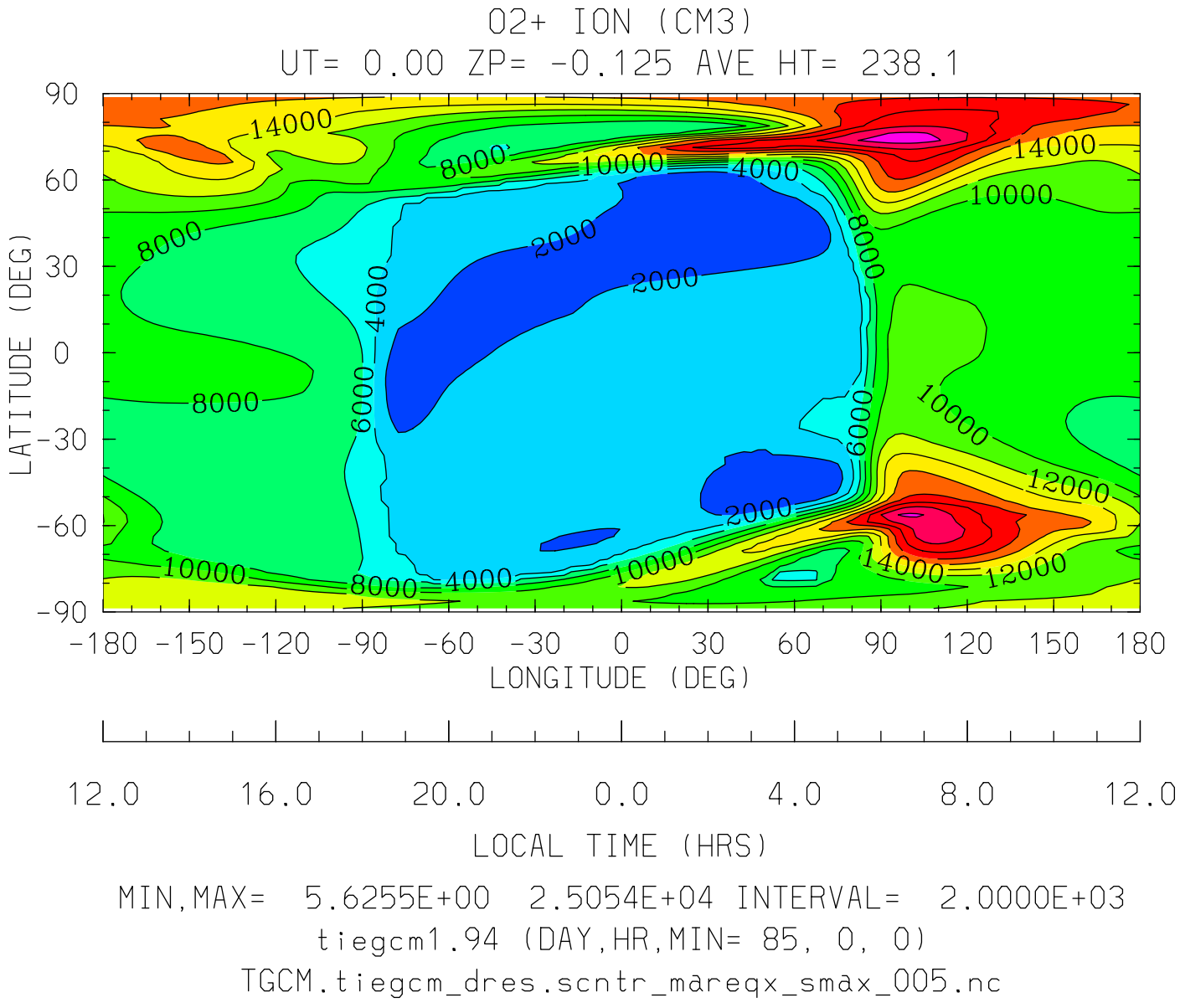
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


O2+ ION (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.3
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= 1.6160E+01 9.6915E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


O2+ ION (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.3 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
40000
35000
30000
25000
20000
15000
10000
5000
LOCAL TIME
MIN,MAX= 1.9638E+01 9.6915E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

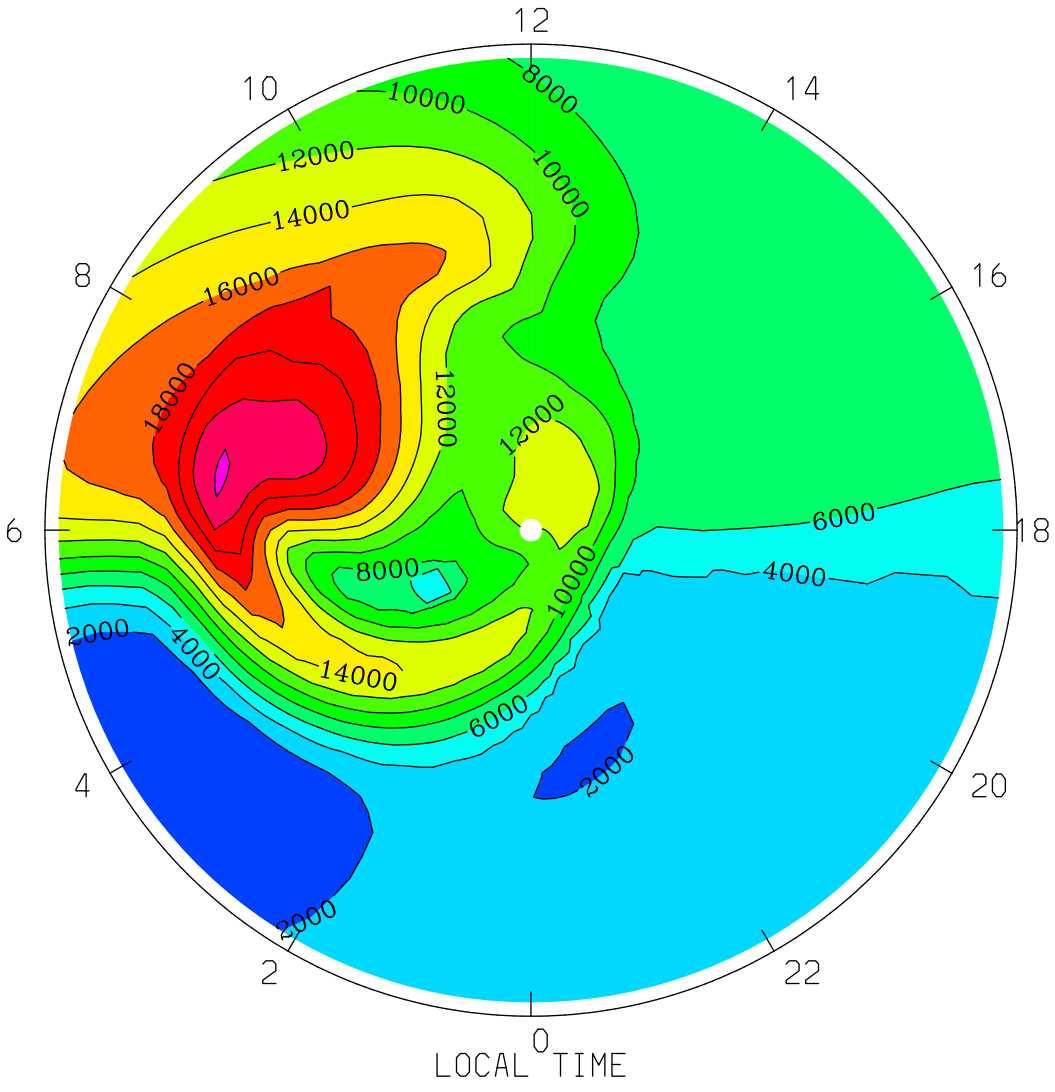

O2+ ION (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.3 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
45000
40000
35000
30000
25000
20000
15000
10000
5000
LOCAL TIME
MIN,MAX= 1.6160E+01 9.1061E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

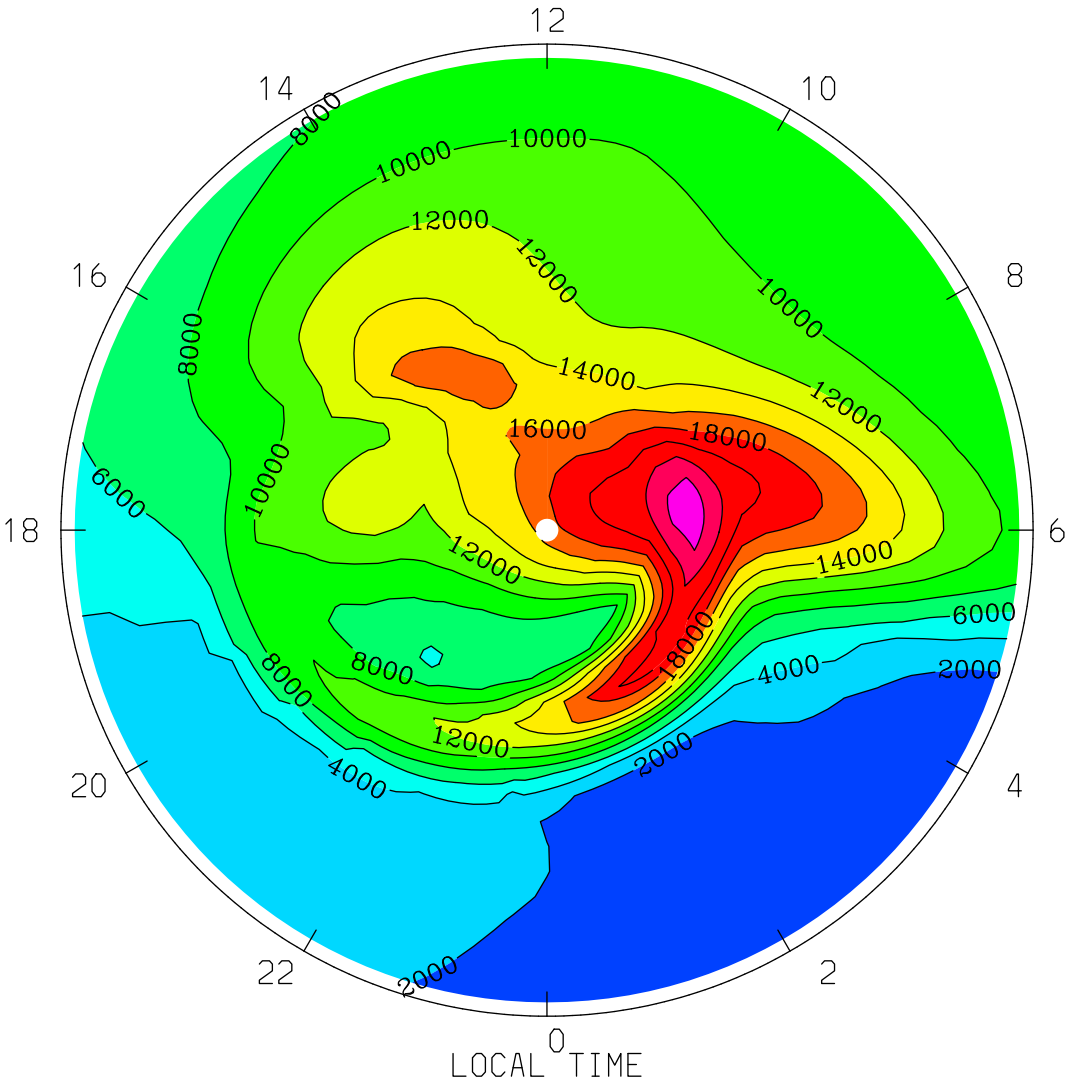


MIN,MAX= 5.6255E+00 2.5054E+04 INTERVAL= 2.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

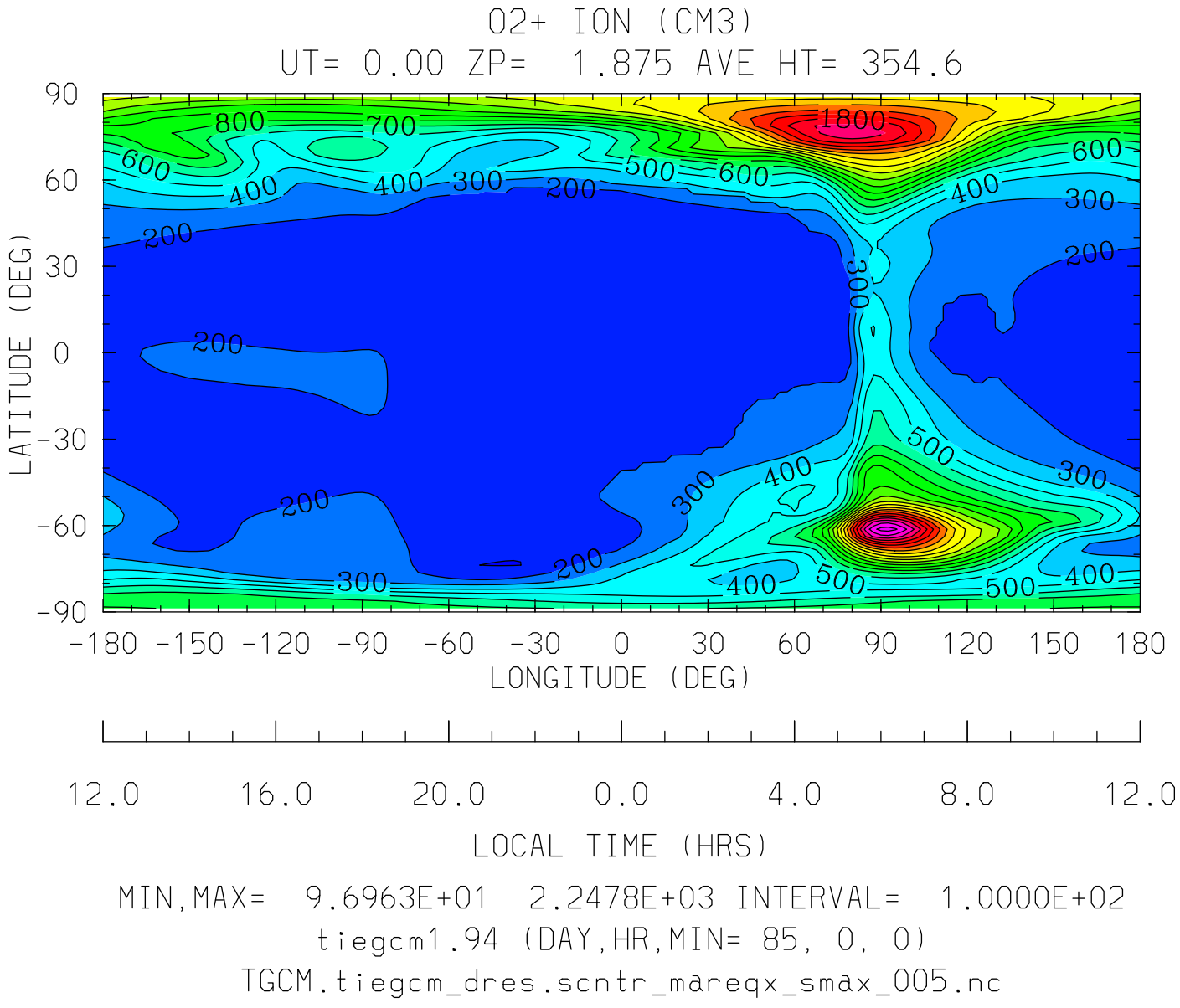

O2+ ION (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 238.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
8000
10000
12000
14000
16000
18000
12000
10000
8000
14000
6000
4000
2000
2000
4000
6000
MIN,MAX= 1.7348E+02 2.4409E+04 INTERVAL= 2.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 2.2410E+02 2.5054E+04 INTERVAL= 2.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

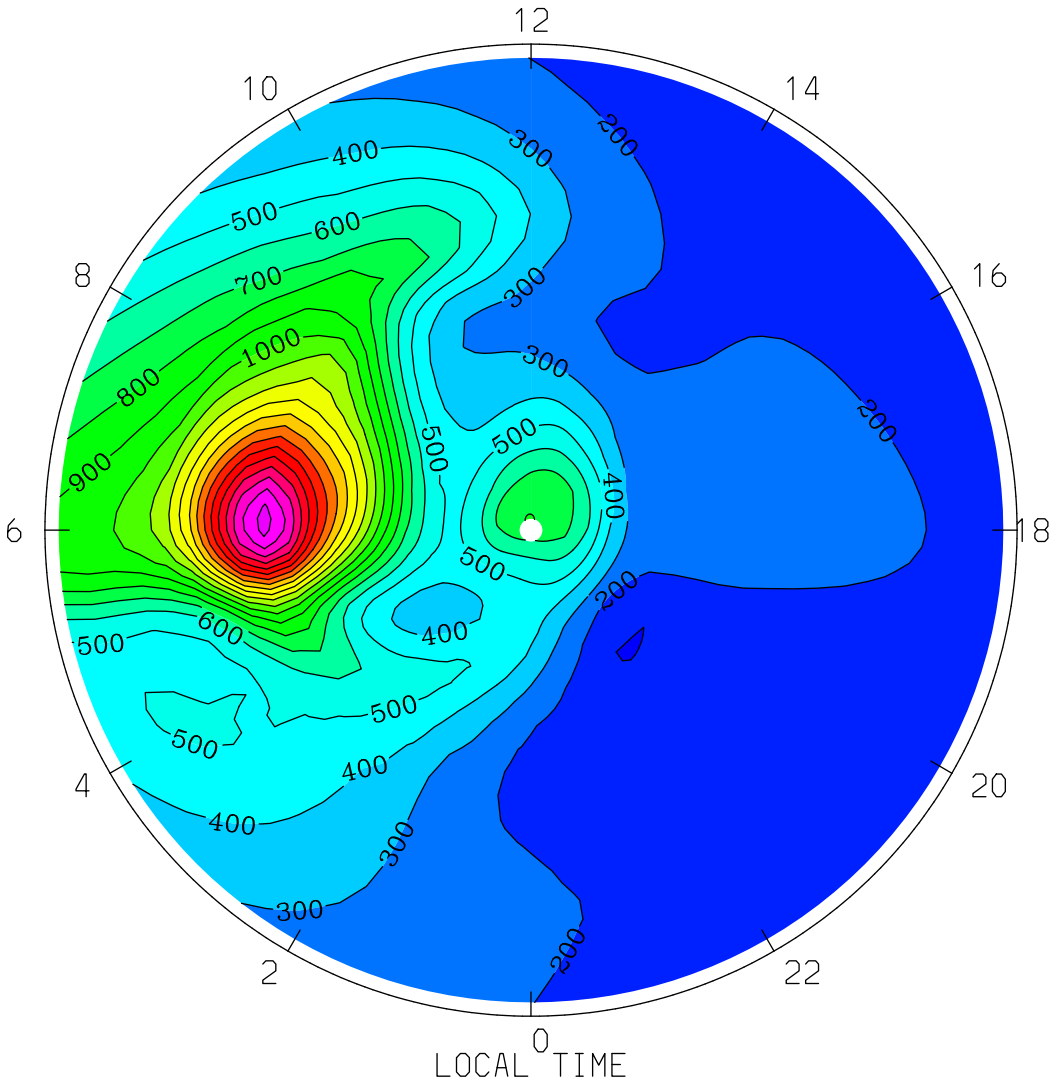
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 9.6963E+01 2.2478E+03 INTERVAL= 1.0000E+02

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

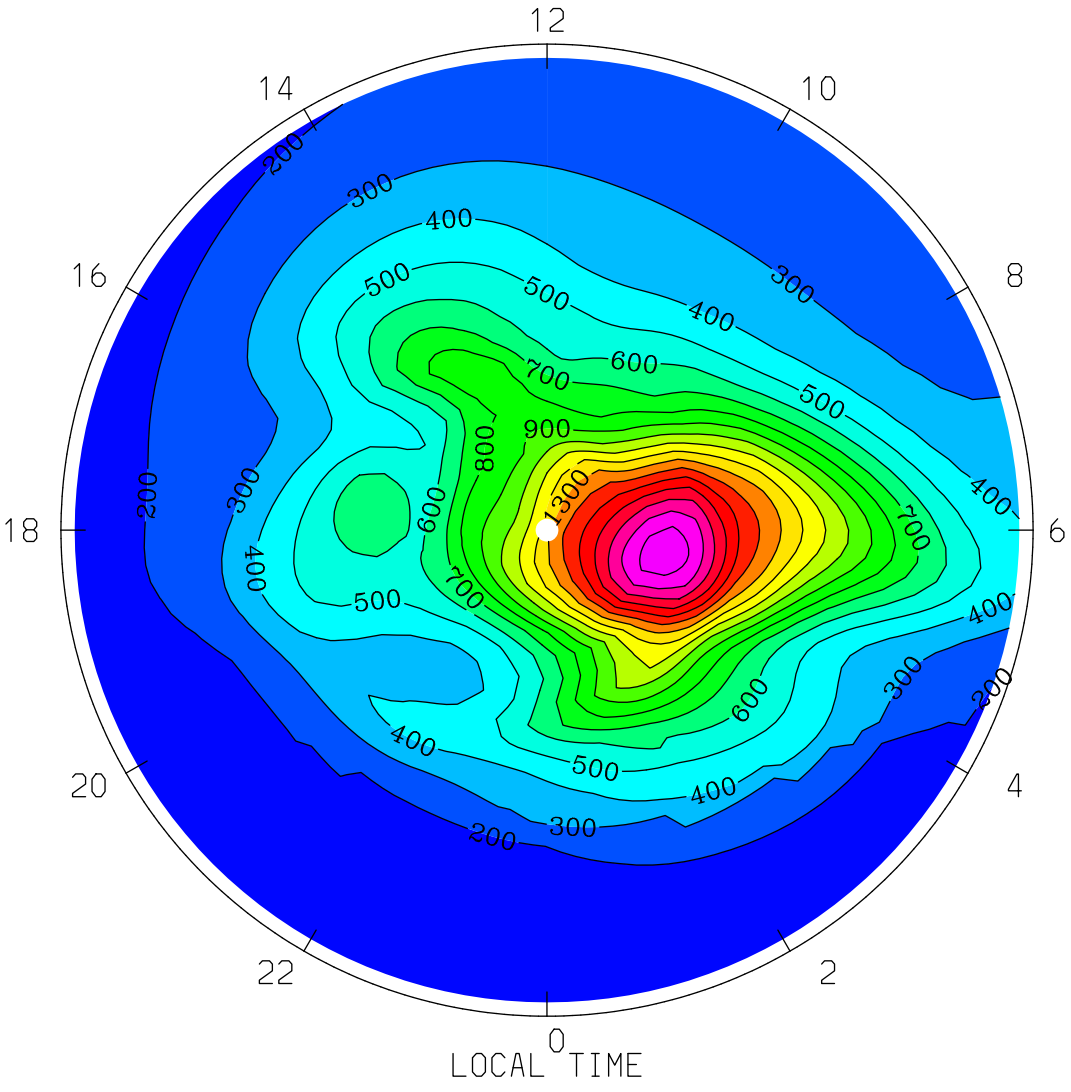
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 9.6963E+01 2.2478E+03 INTERVAL= 1.0000E+02

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

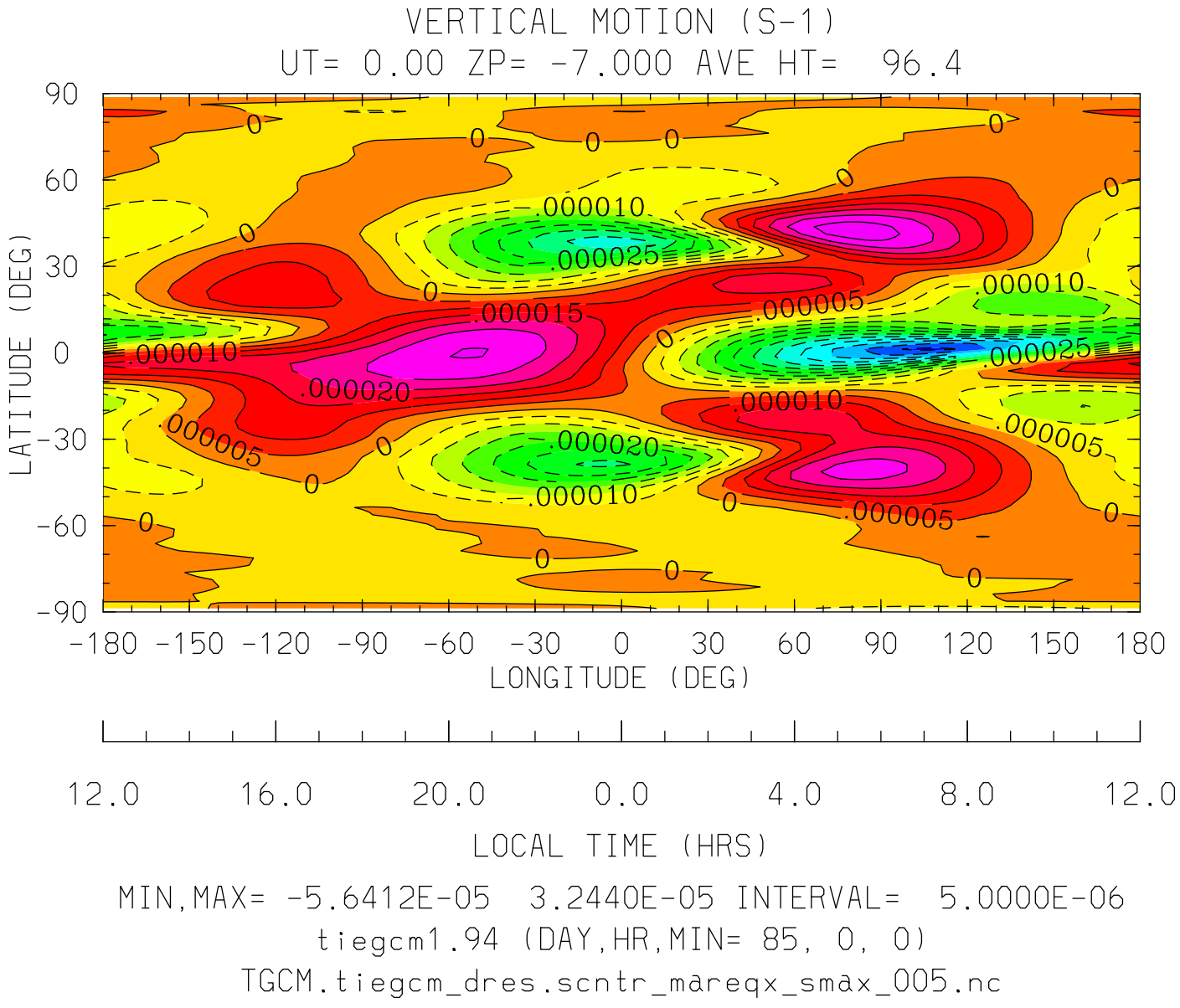
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



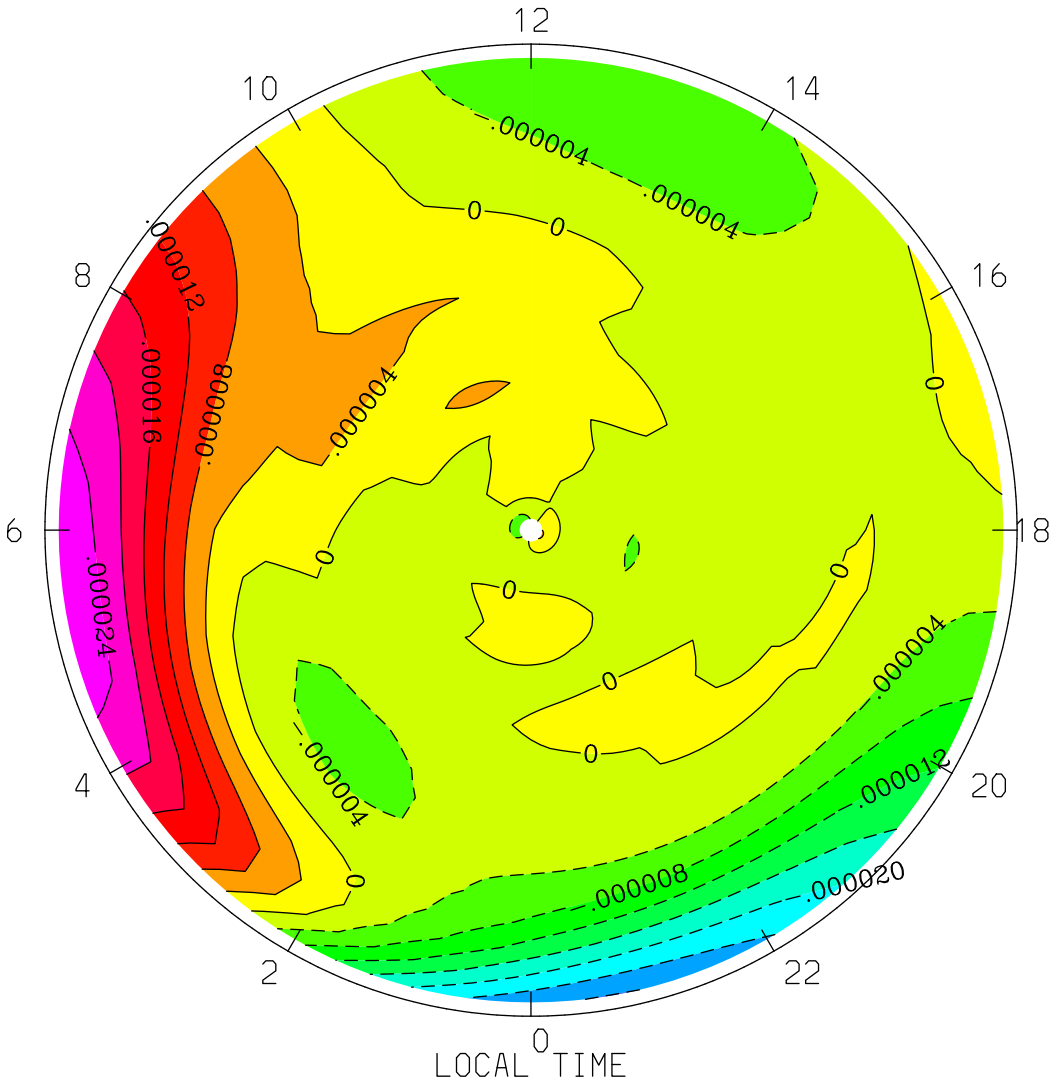
MIN,MAX= 1.2009E+02 1.9671E+03 INTERVAL= 1.0000E+02

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

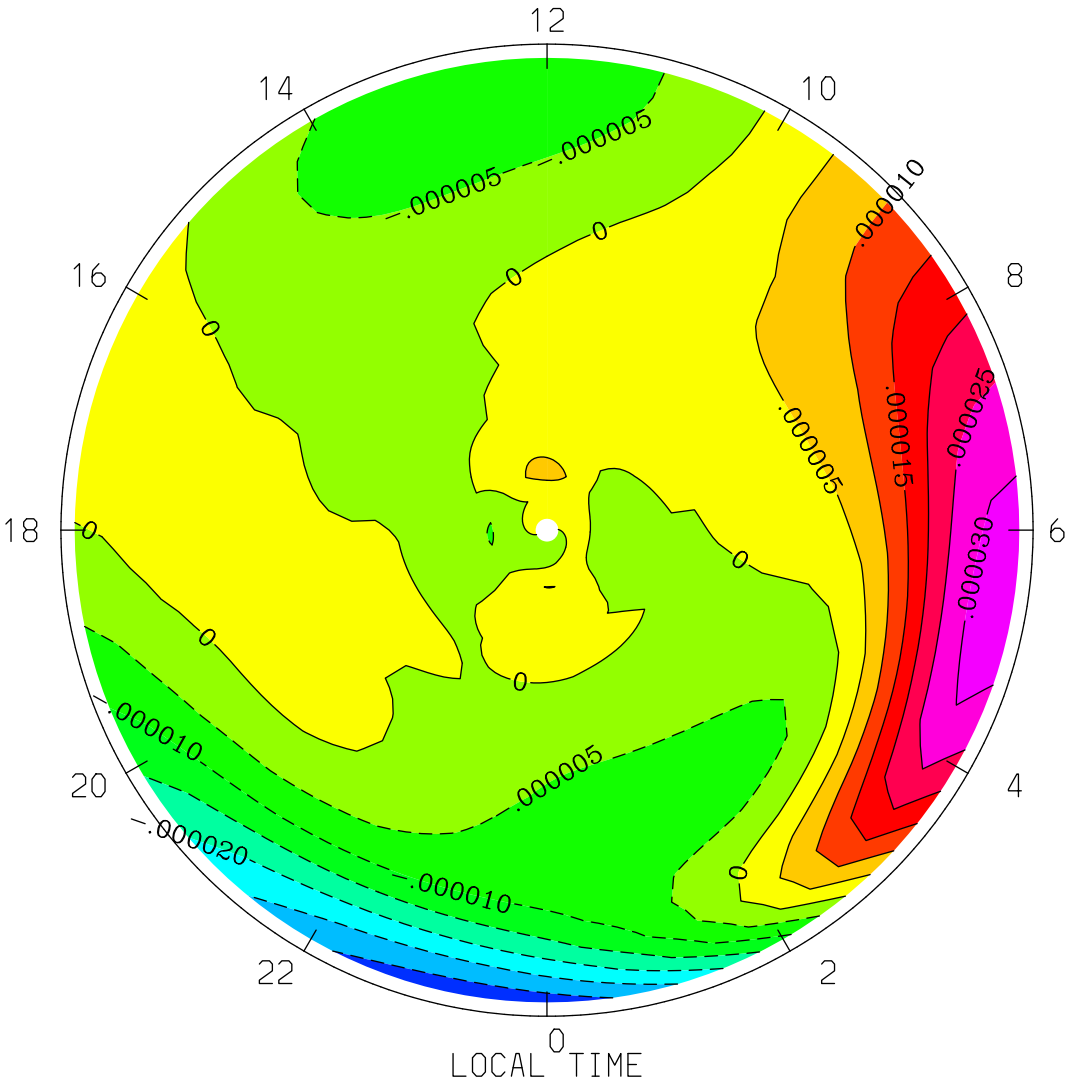
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

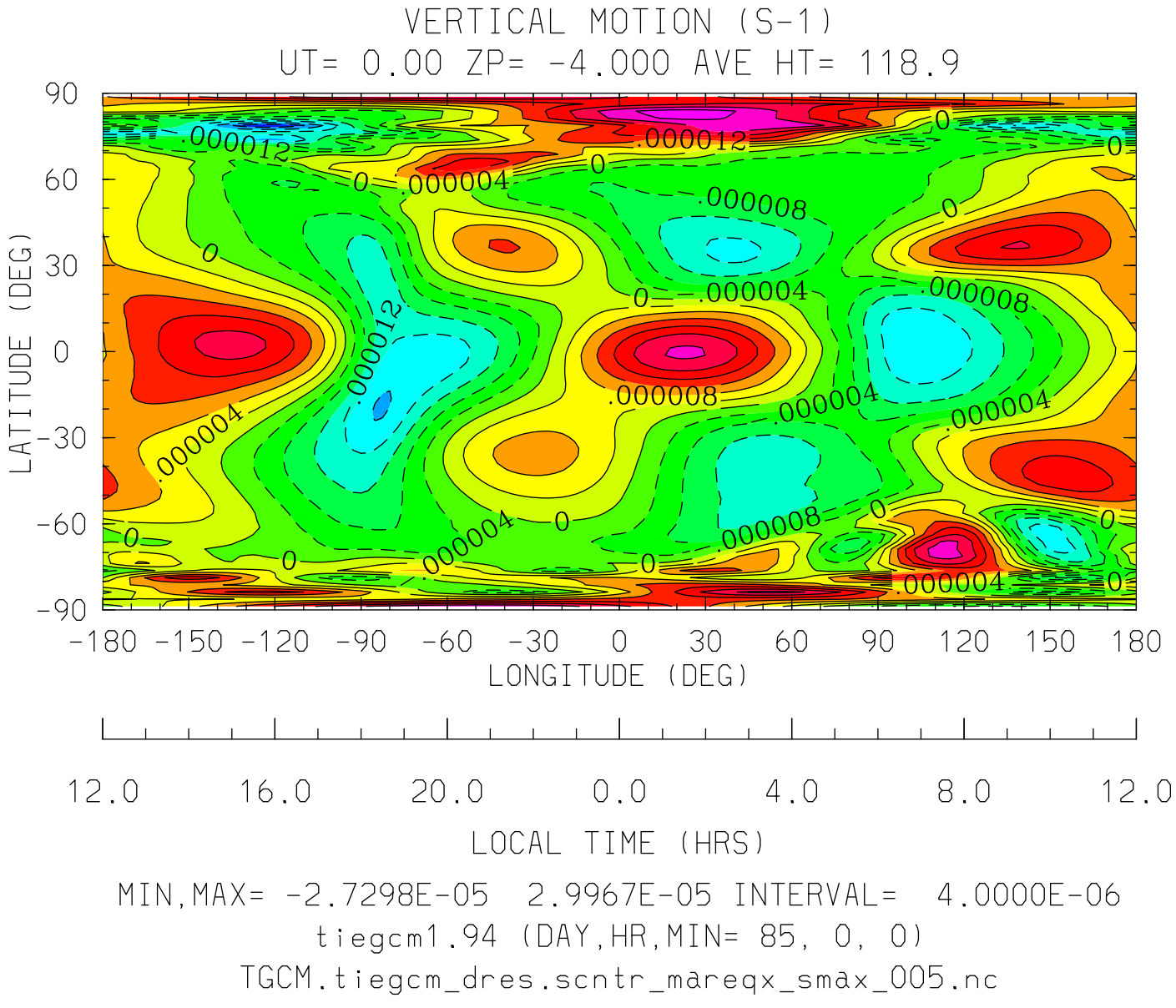

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.6412E-05 3.2440E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

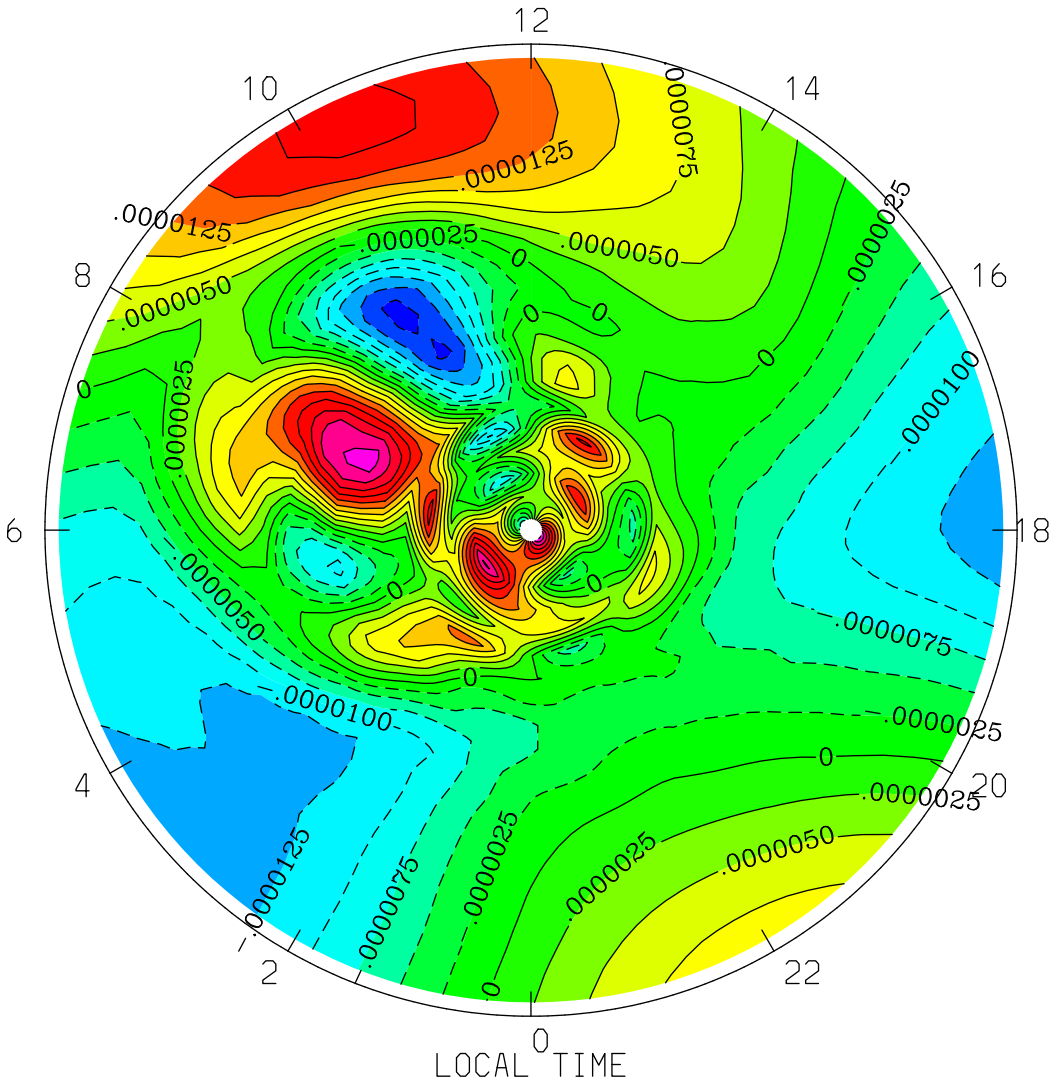
VERTICAL MOTION (S-1)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0

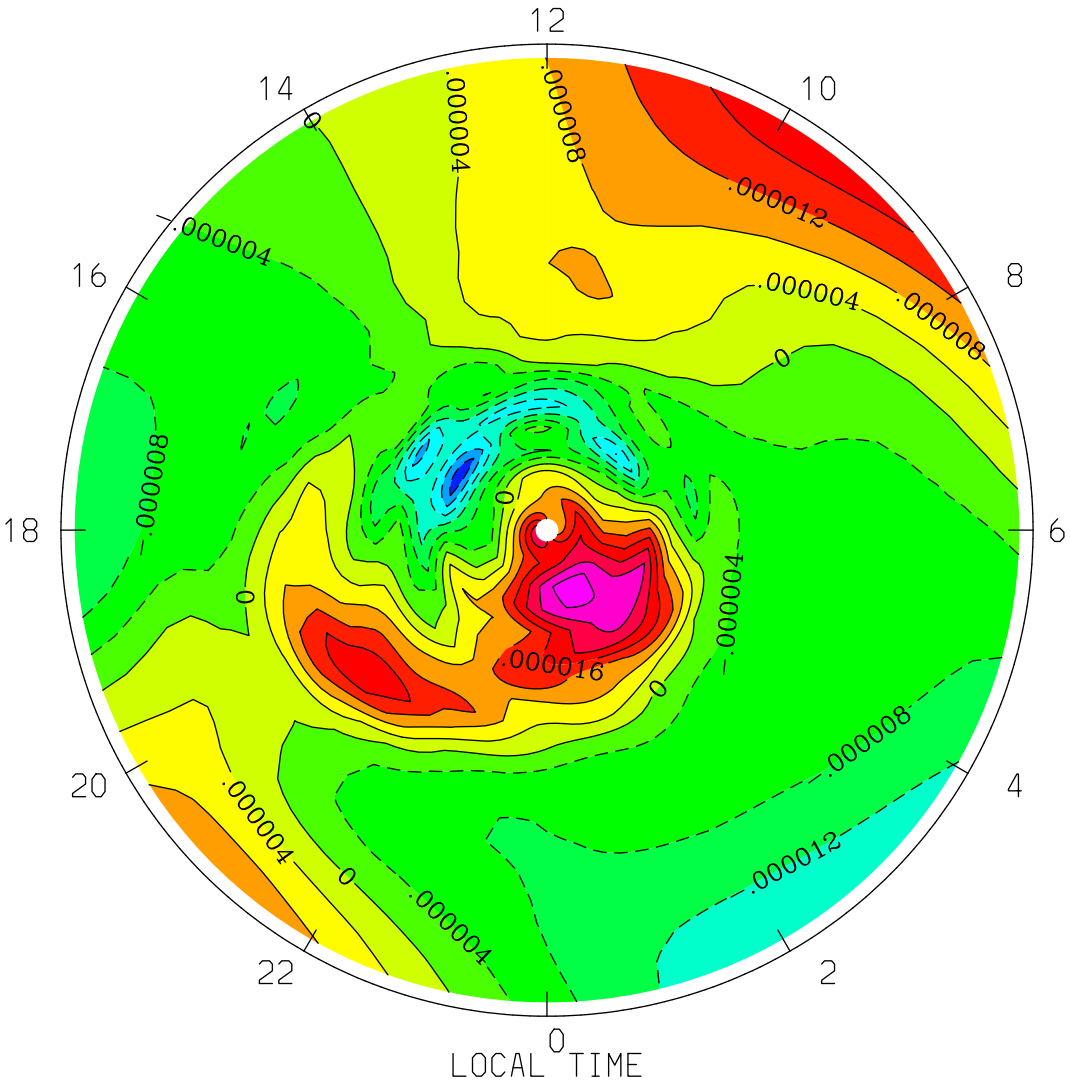


MIN,MAX= -2.8142E-05 2.7281E-05 INTERVAL= 4.0000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


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
-.000005
-.000005
0
0
0
.000010
.000005
.000015
.000025
.000030
0
0
0
0
0
-.000010
.000005
-.000020
-.000010
0
LOCAL TIME
MIN,MAX= -3.3601E-05 3.2440E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


VERTICAL MOTION (S-1)
UT= 0.00 ZP= -4.000 AVE HT= 118.9
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= -2.7298E-05 2.9967E-05 INTERVAL= 4.0000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

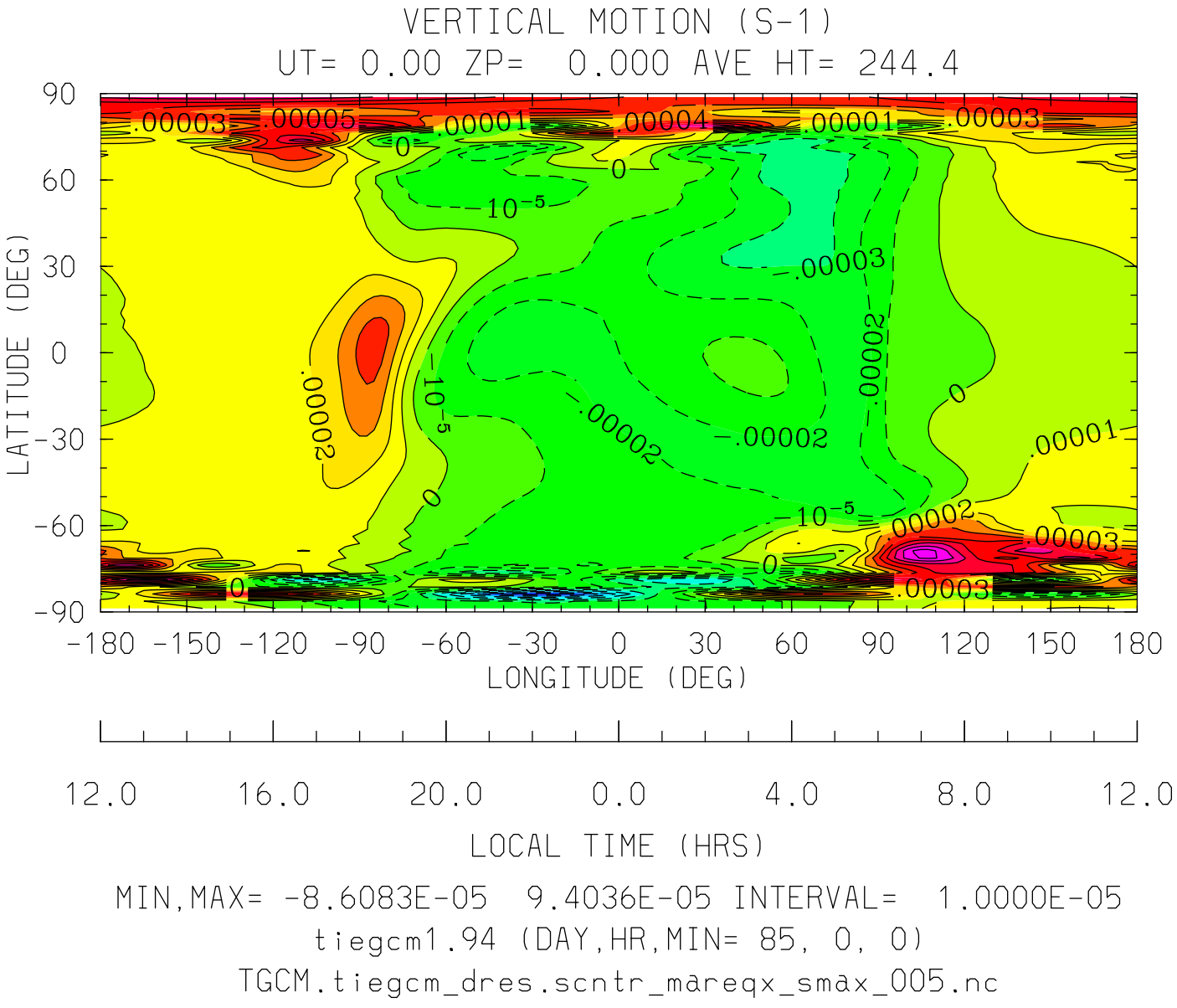

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
.0000125
.0000075
.0000025
.0000050
.0000100
0
MIN,MAX= -1.8094E-05 2.7644E-05 INTERVAL= 2.5000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

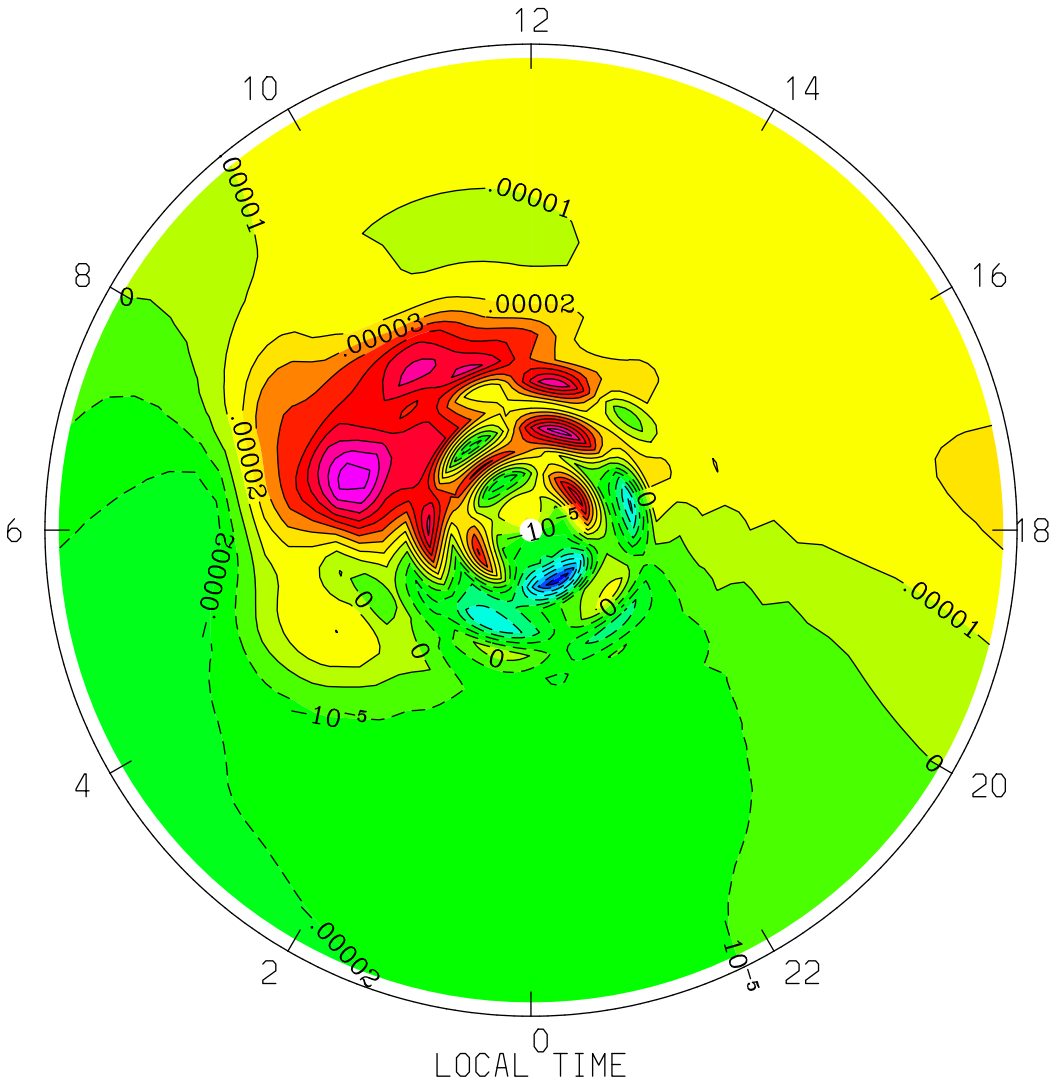


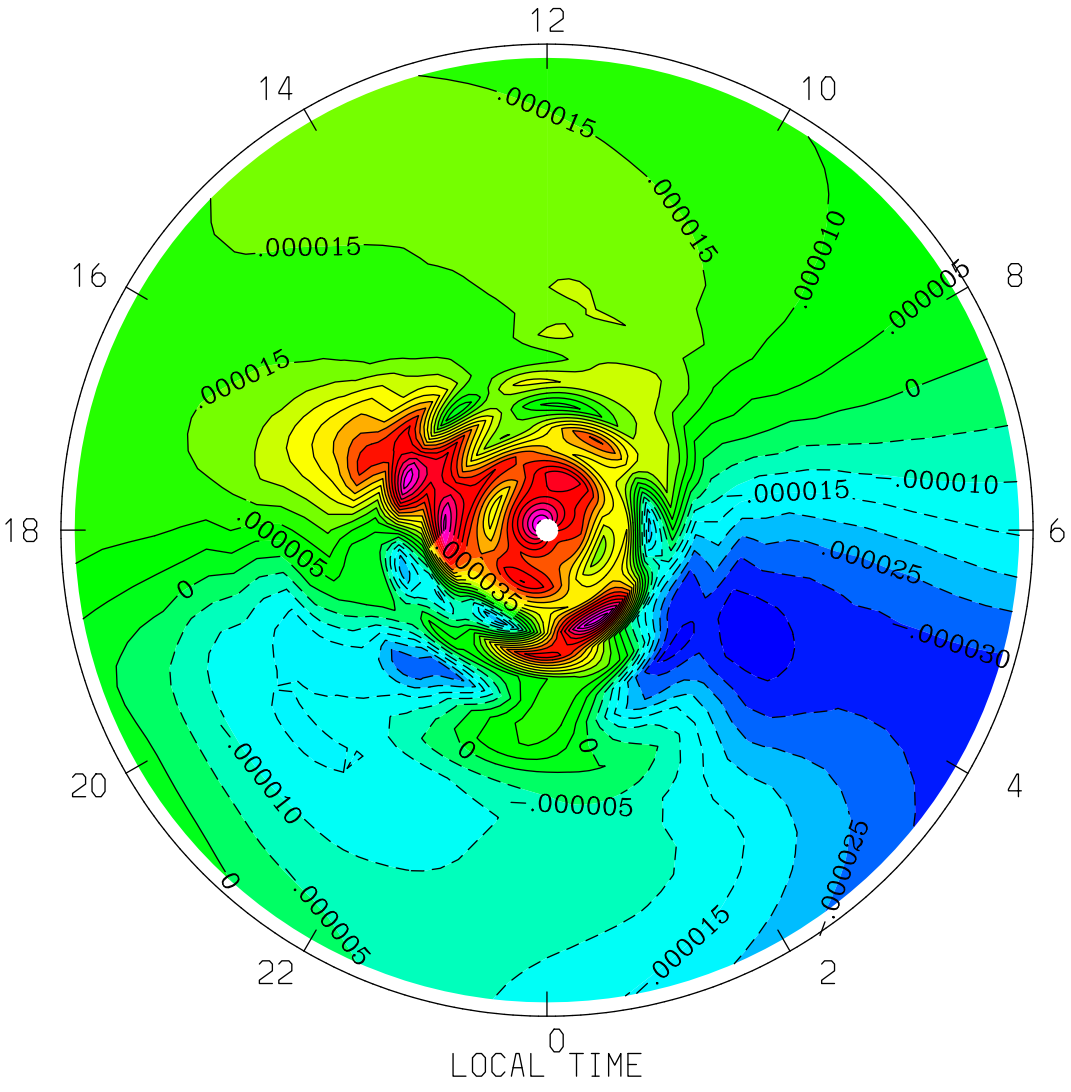
MIN,MAX= -2.7298E-05 2.9967E-05 INTERVAL= 4.0000E-06

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 244.4
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= -8.6083E-05 9.4036E-05 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

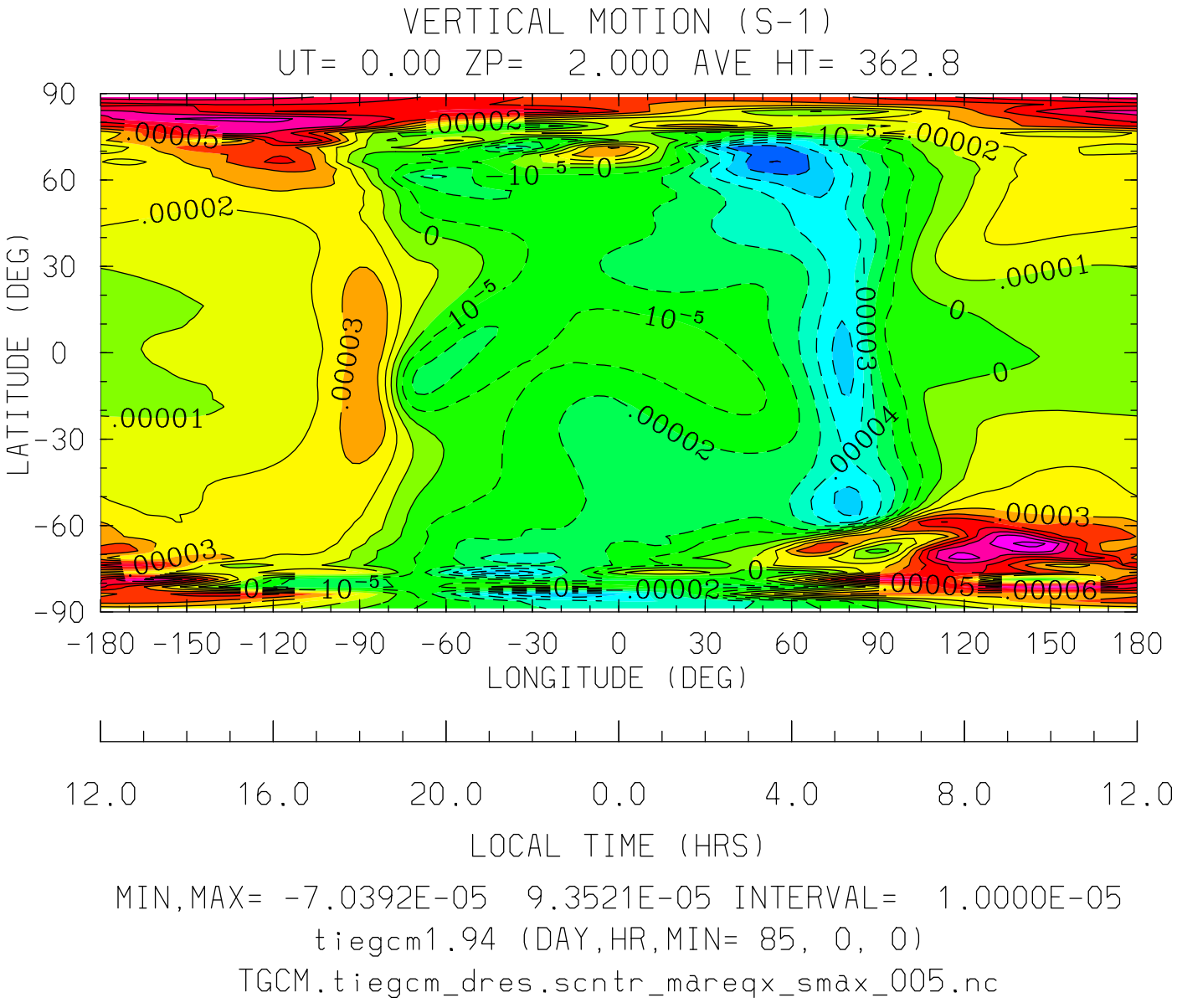

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
.00001
.00002
.00003
0
-10-5
-.00002
MIN,MAX= -8.6083E-05 9.4036E-05 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

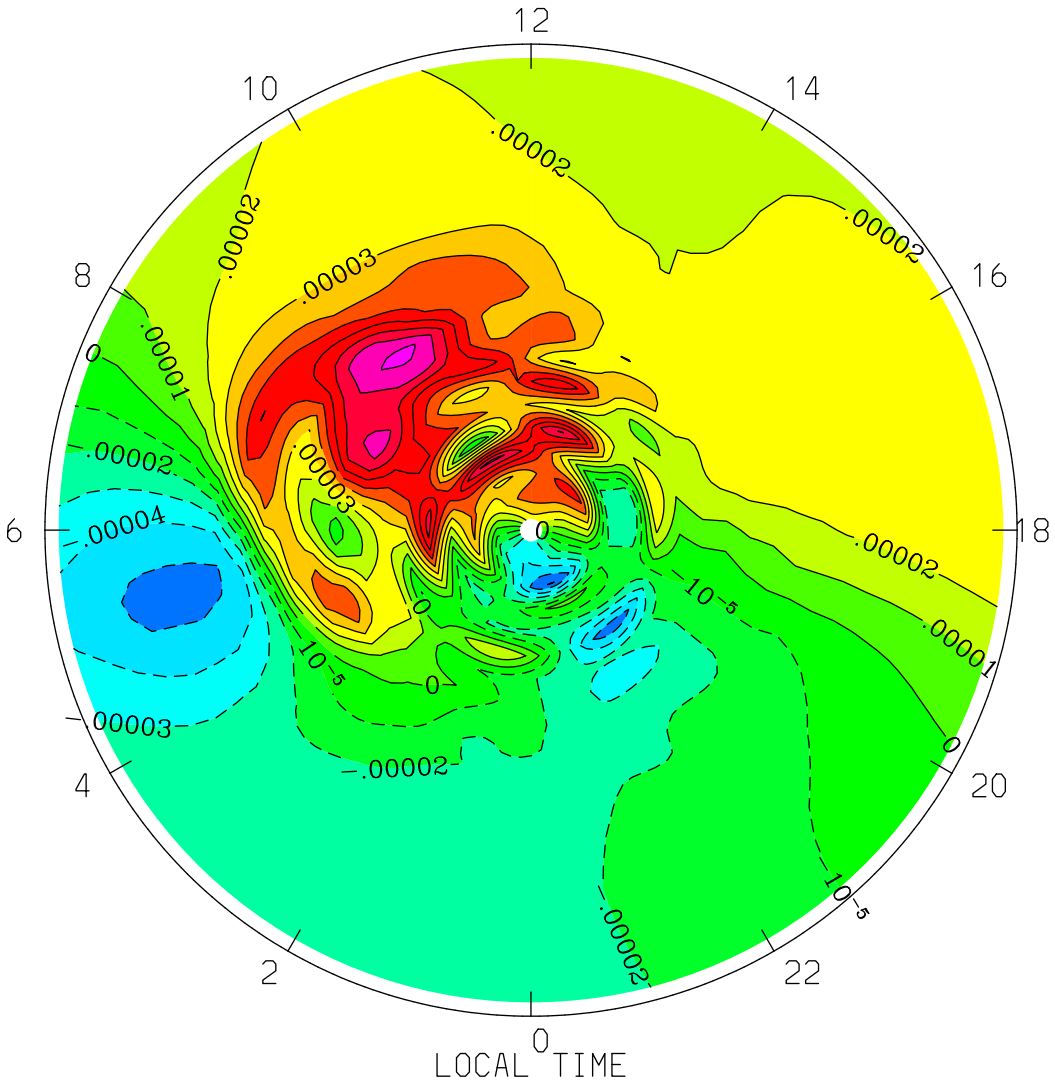


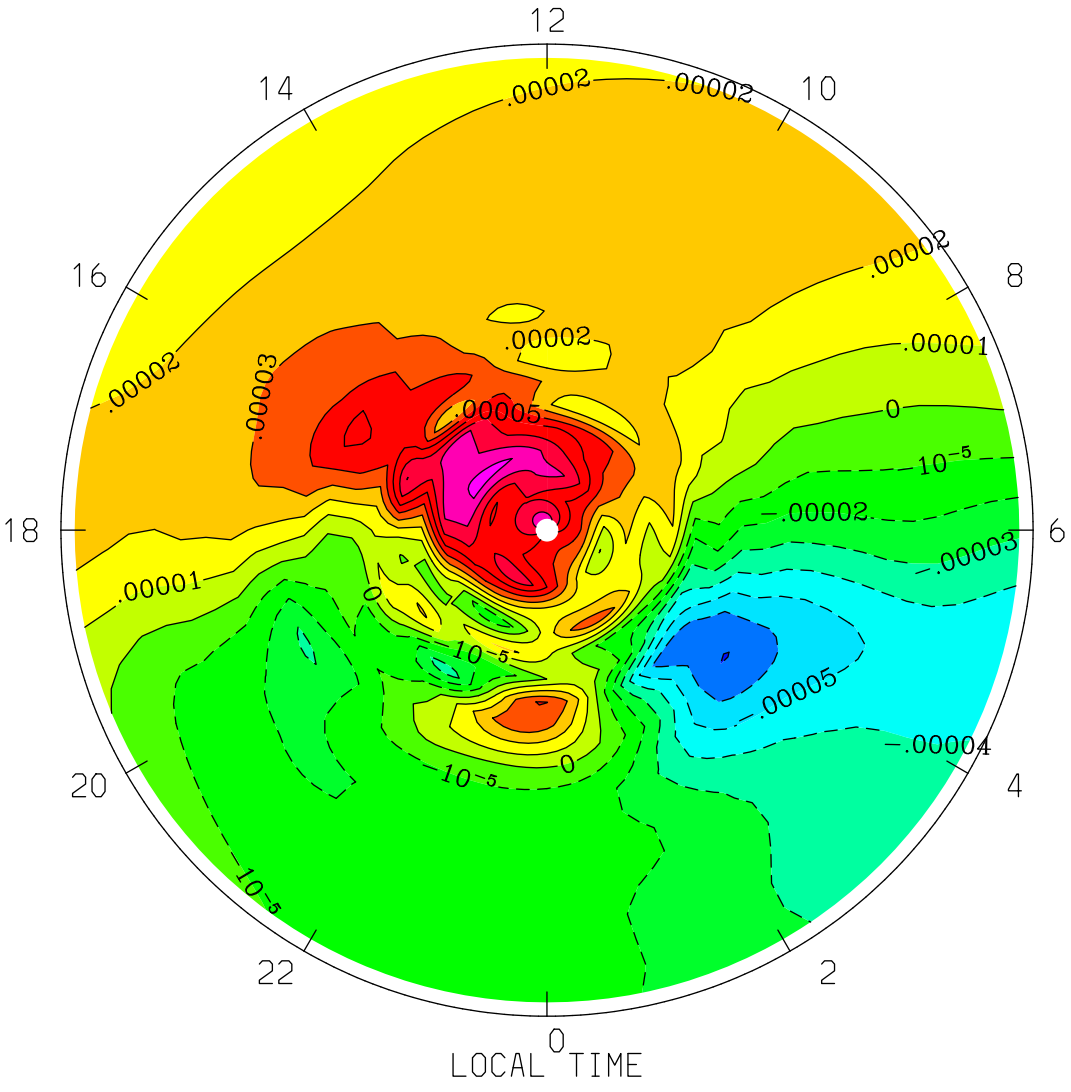
MIN,MAX= -3.8554E-05 7.8884E-05 INTERVAL= 5.0000E-06

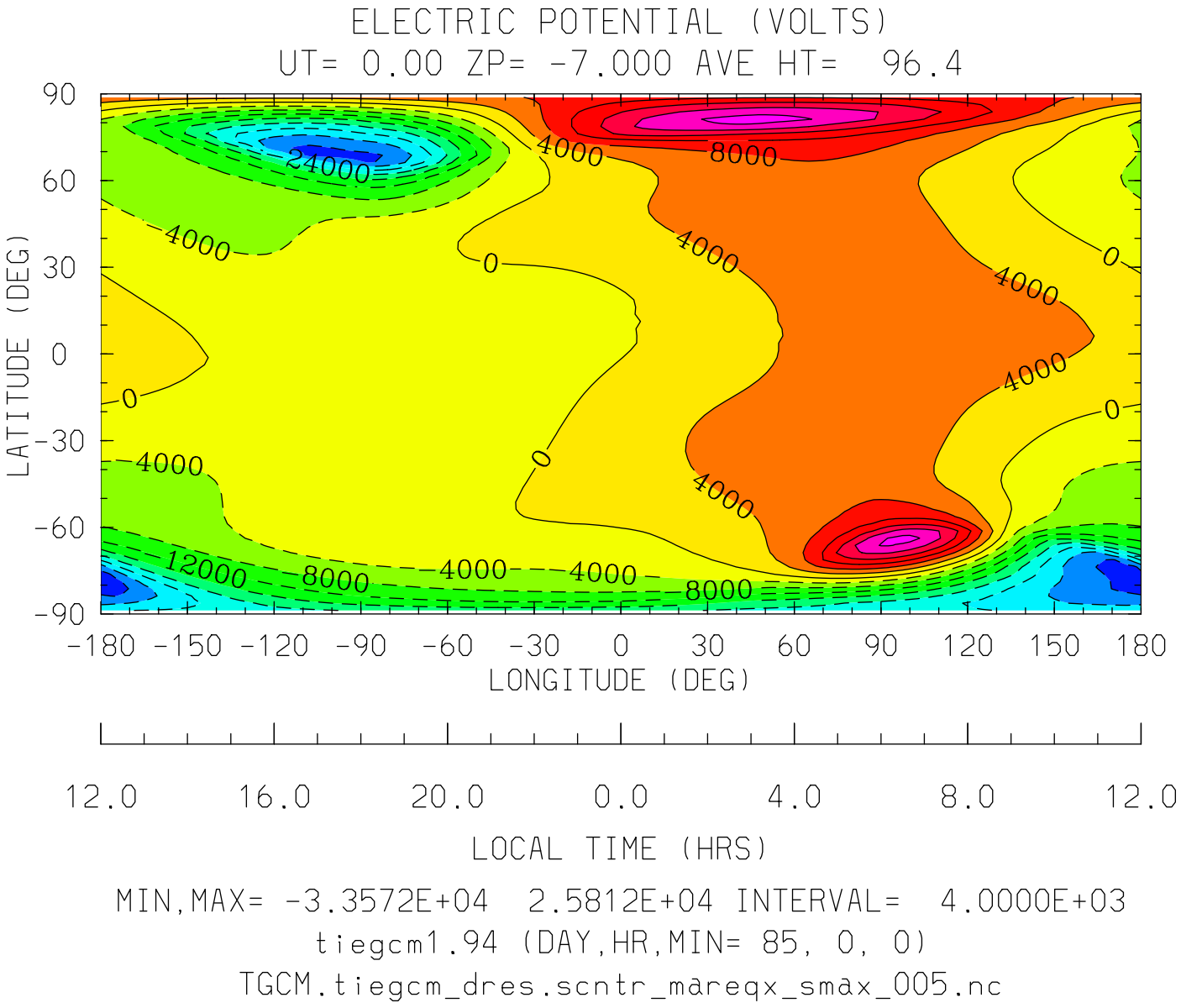
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


VERTICAL MOTION (S-1)
UT= 0.00 ZP= 2.000 AVE HT= 362.8
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= -7.0392E-05 9.3521E-05 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


VERTICAL MOTION (S-1)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
.00002
.00003
.00001
0
.00004
10-5
-.00002
-.00003
MIN,MAX= -6.0309E-05 9.3521E-05 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

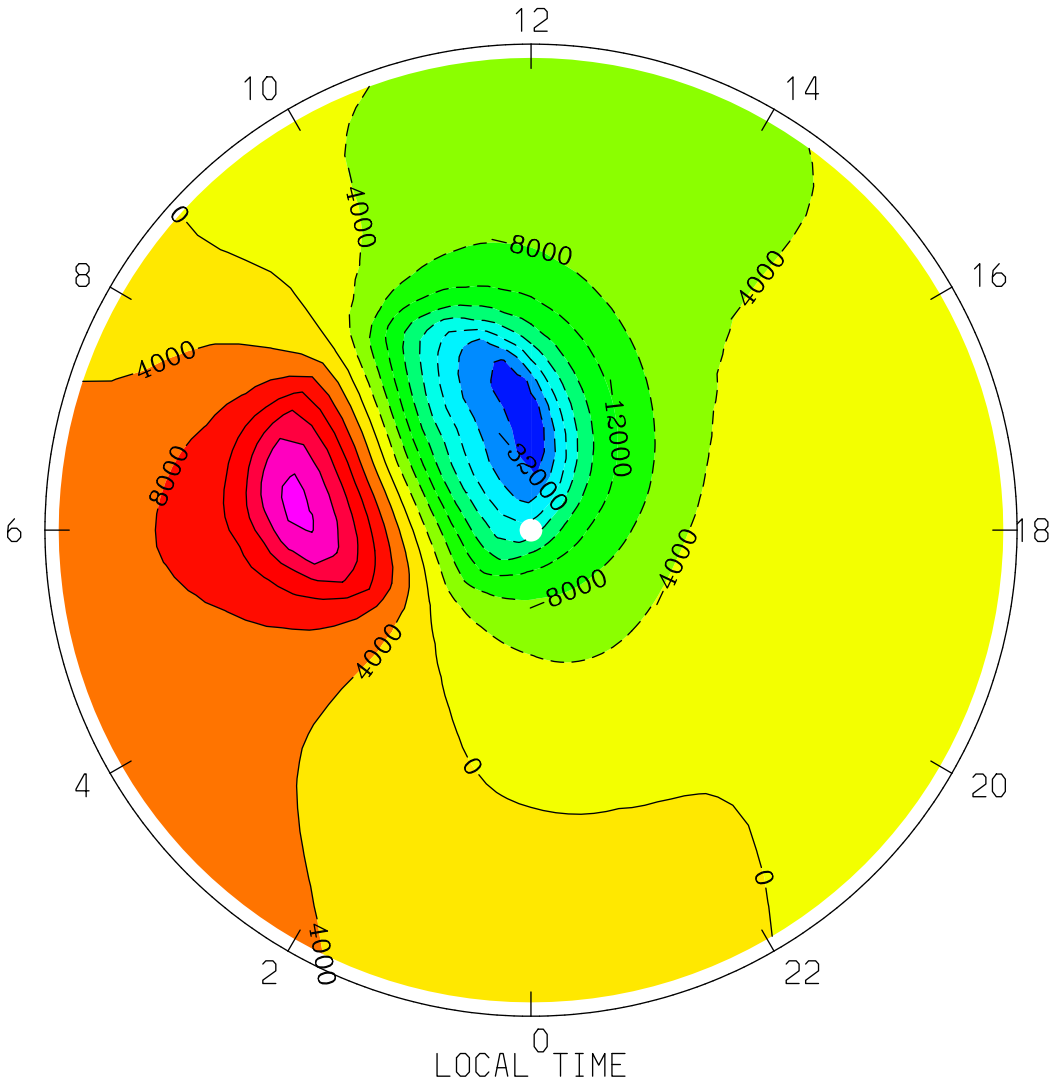

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
.00002
.00002
.00002
.00001
.00003
.00002
.00005
0
10-5
.00002
.00003
.00001
0
10-5
.00005
.00004
0
10-5
10-5
LOCAL TIME
MIN,MAX= -7.0392E-05 8.3505E-05 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

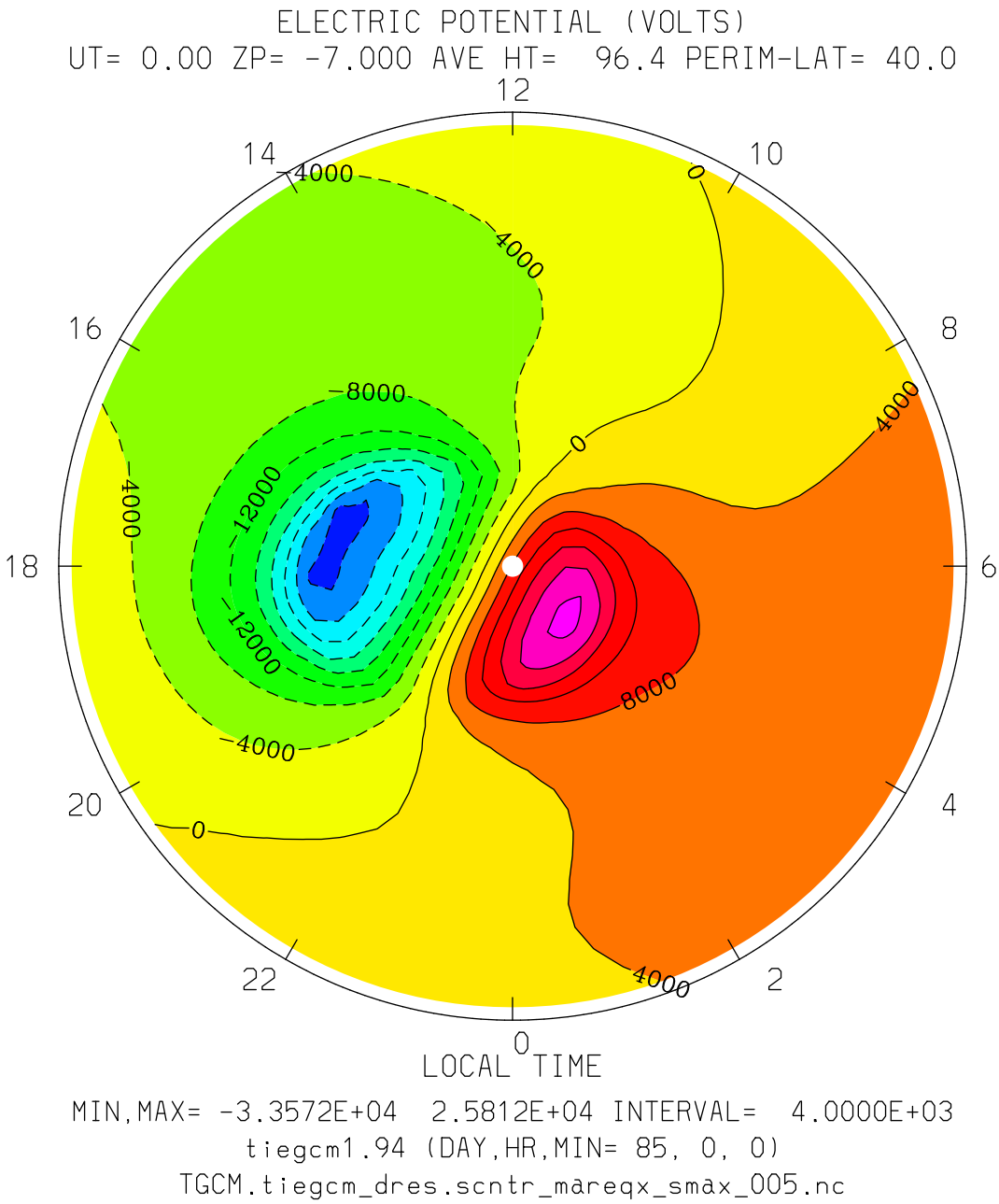


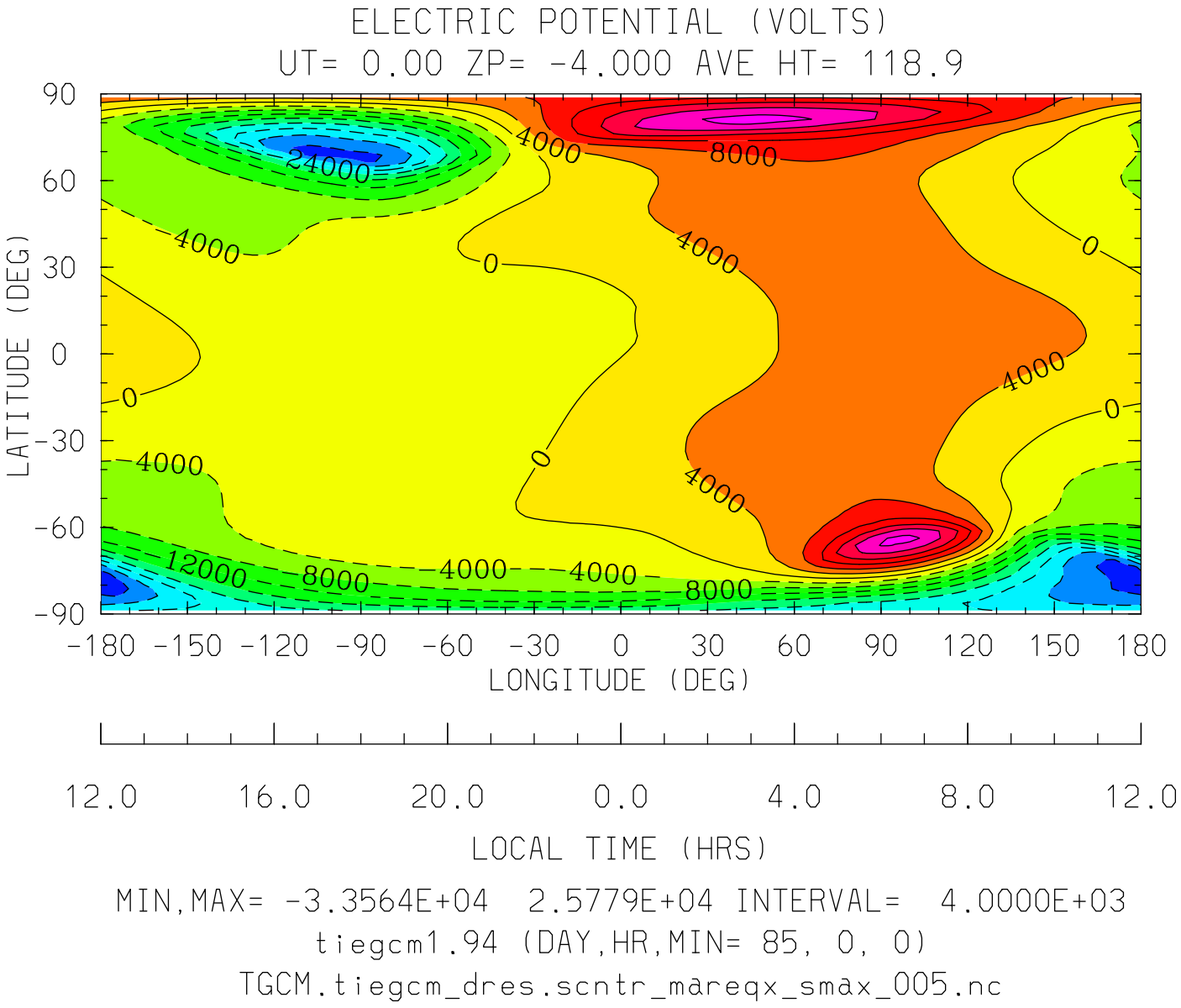
MIN,MAX= -3.3572E+04 2.5812E+04 INTERVAL= 4.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_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
LOCAL TIME
4000
8000
12000
32000
0
MIN,MAX= -3.3562E+04 2.5416E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

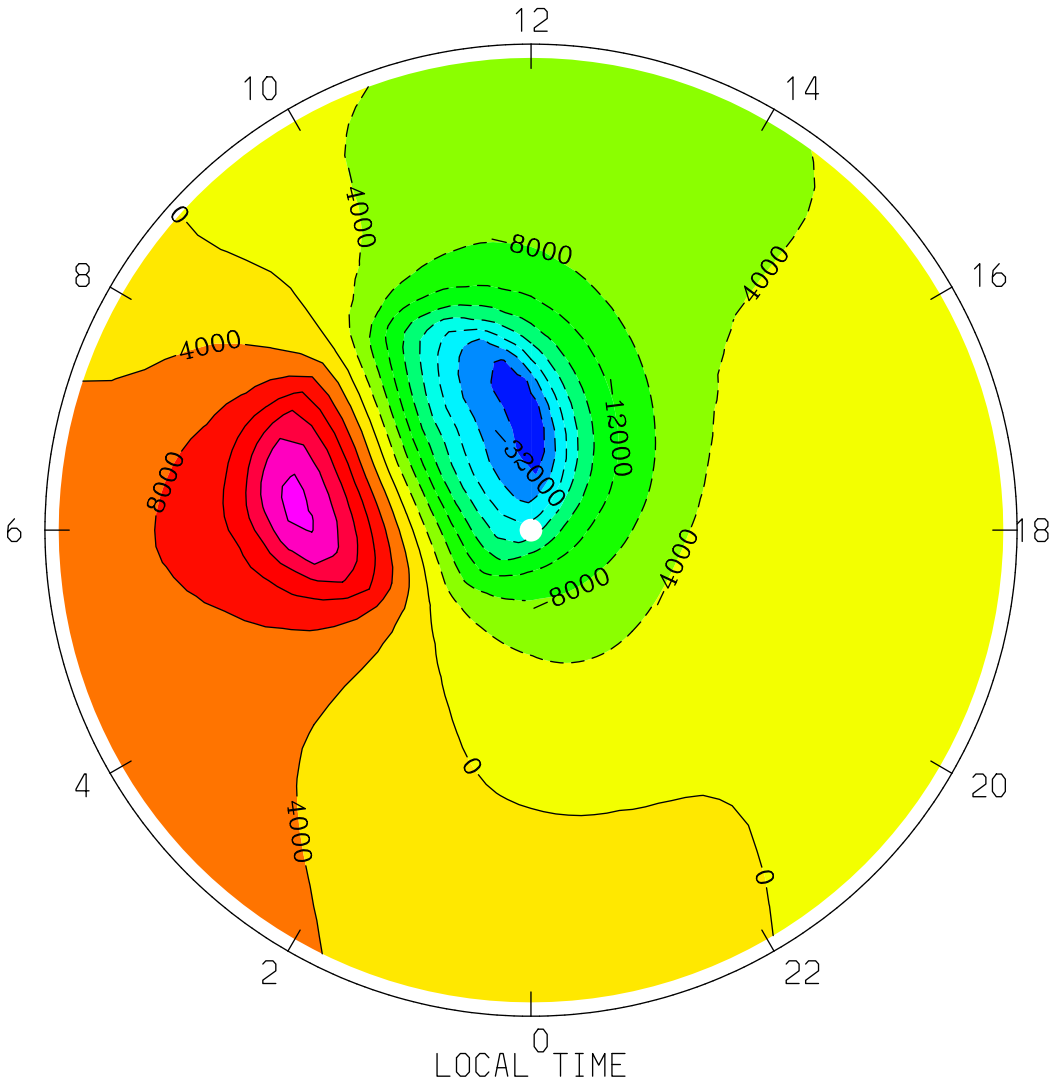

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
4000
0
-8000
-12000
LOCAL TIME
MIN,MAX= -3.3572E+04 2.5812E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

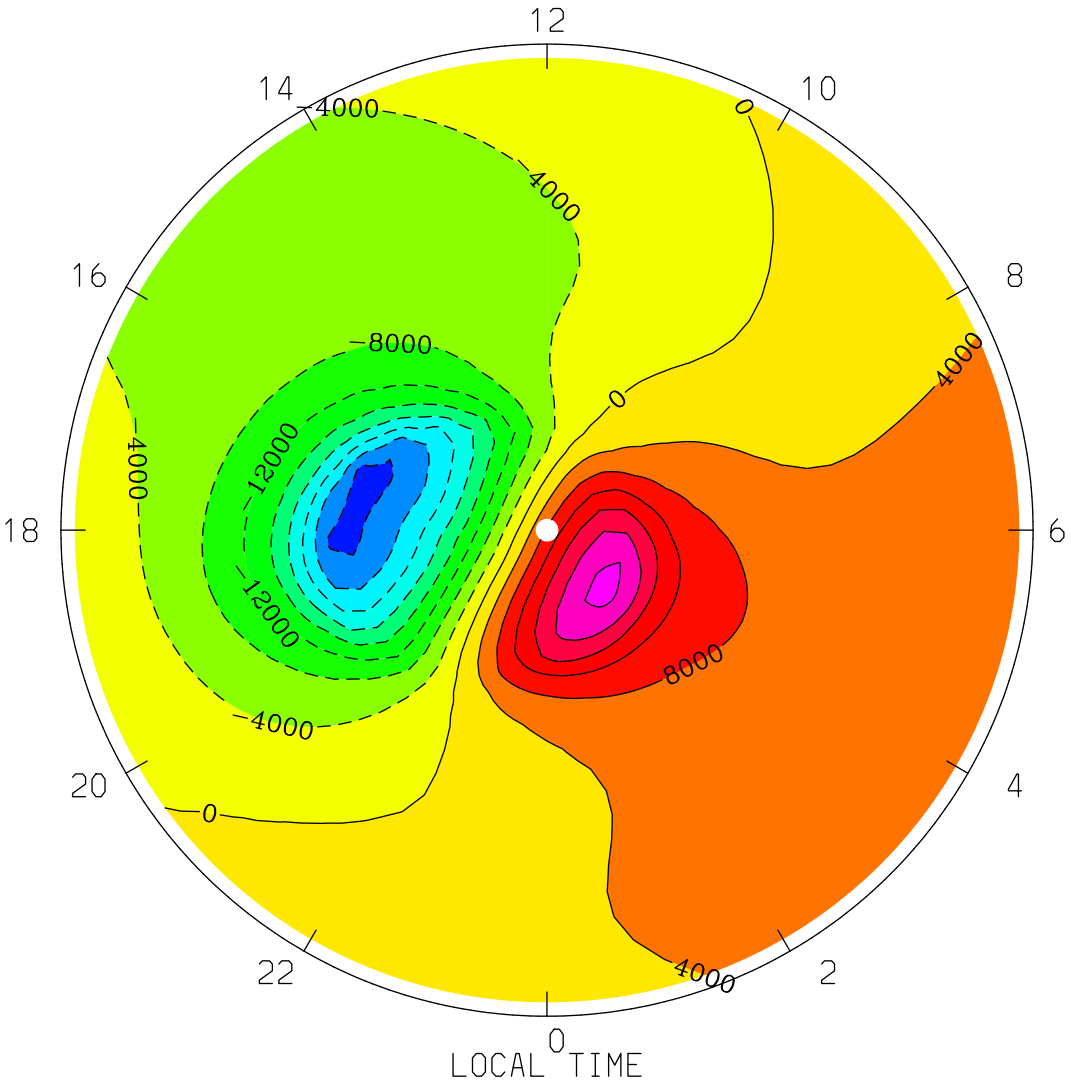


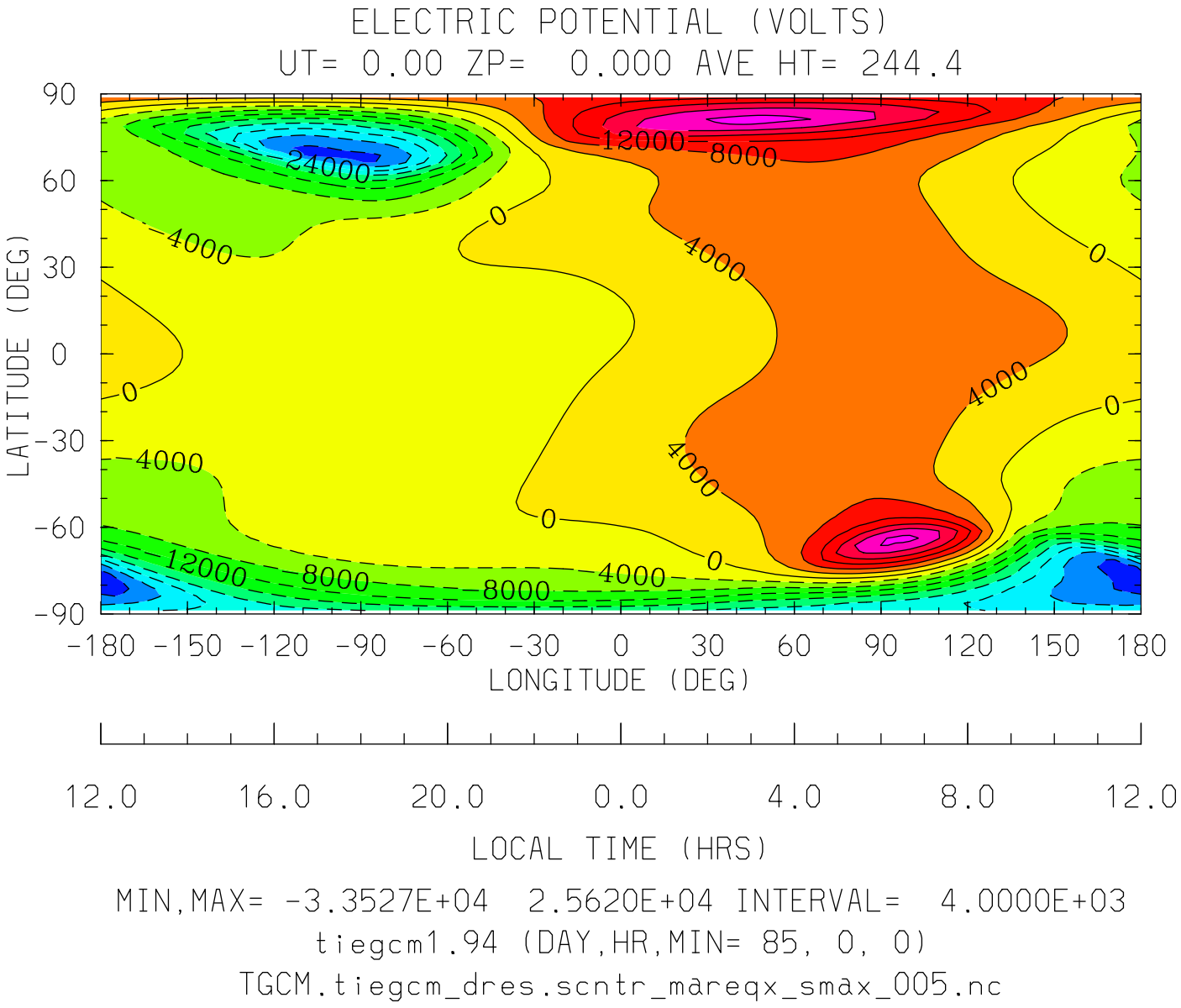
MIN,MAX= -3.3564E+04 2.5779E+04 INTERVAL= 4.0000E+03

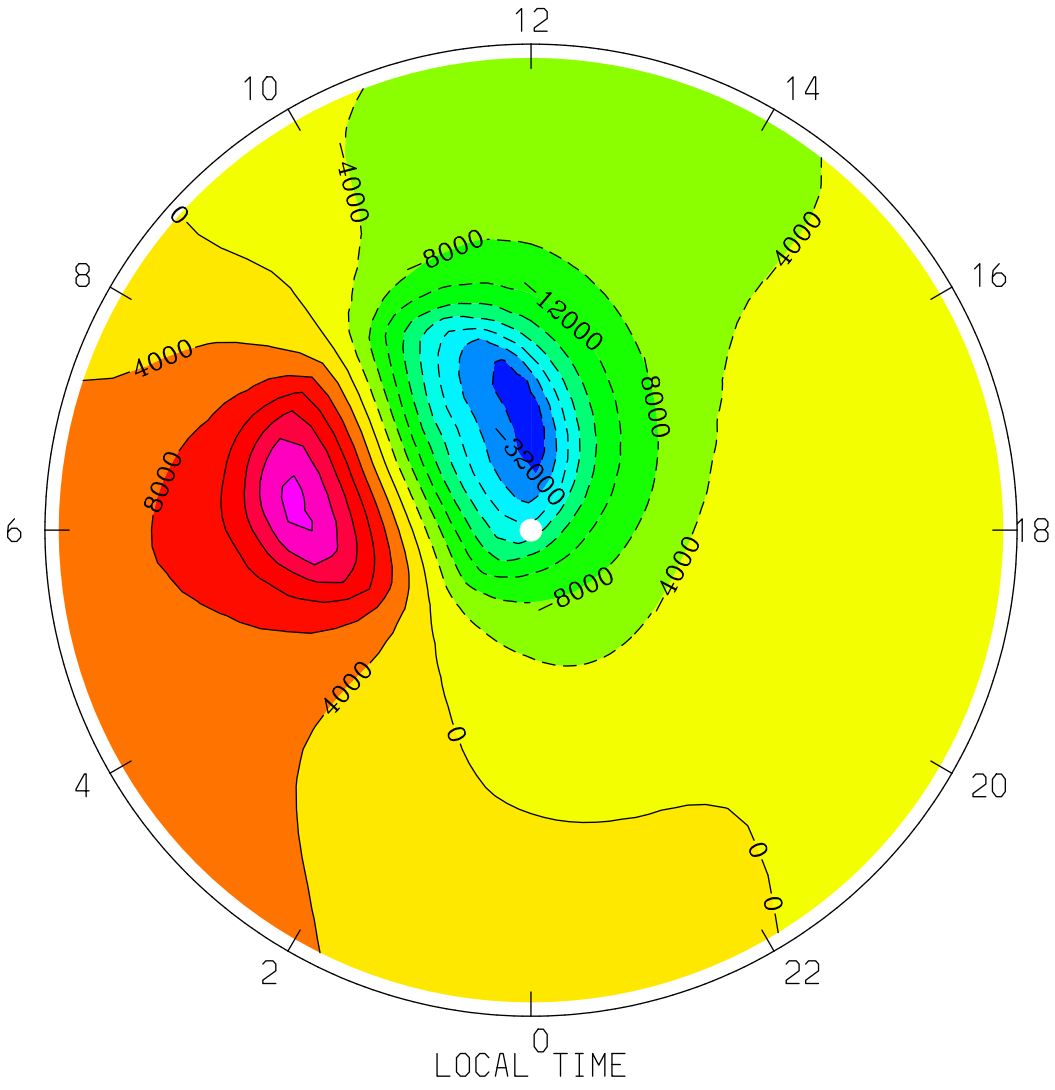
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

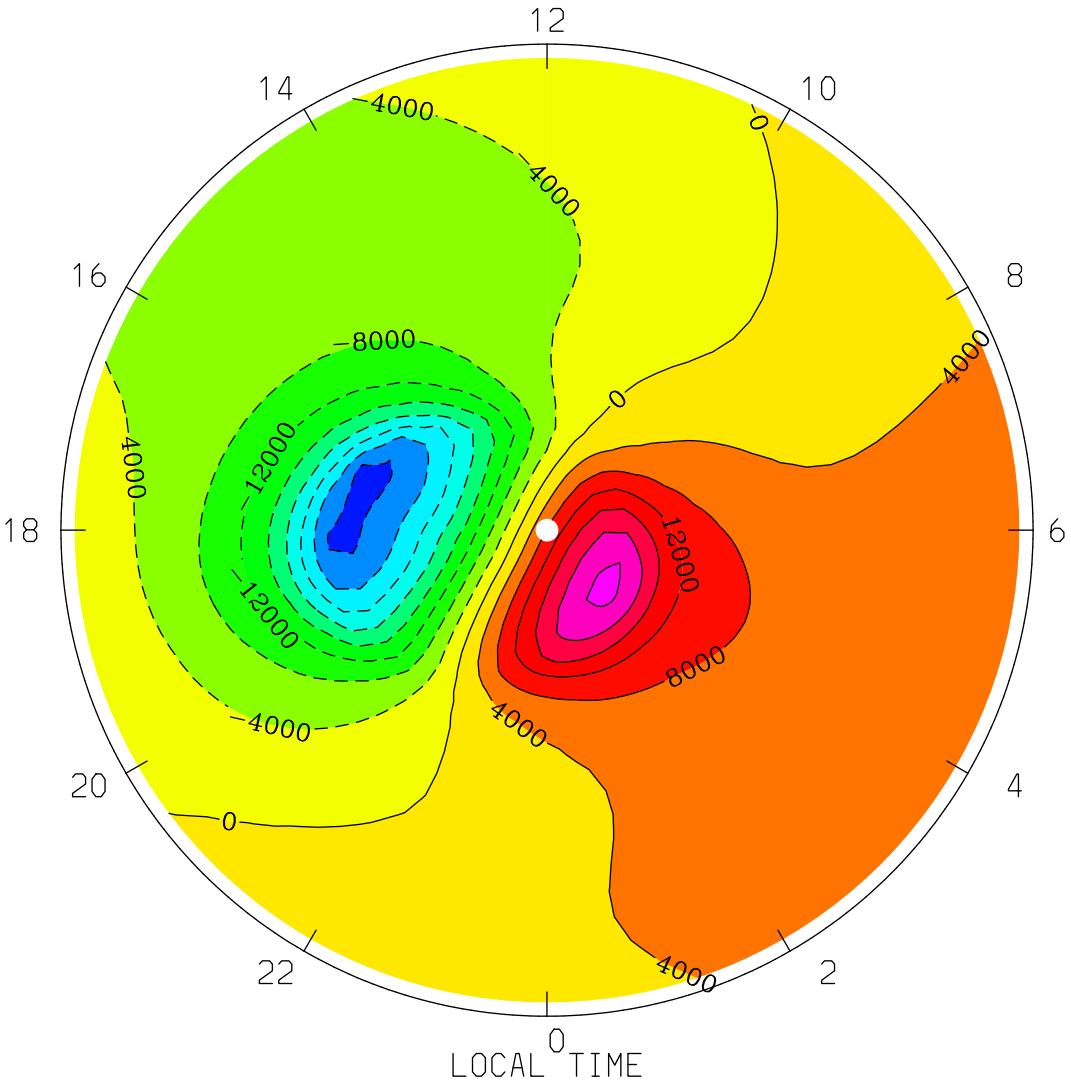
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

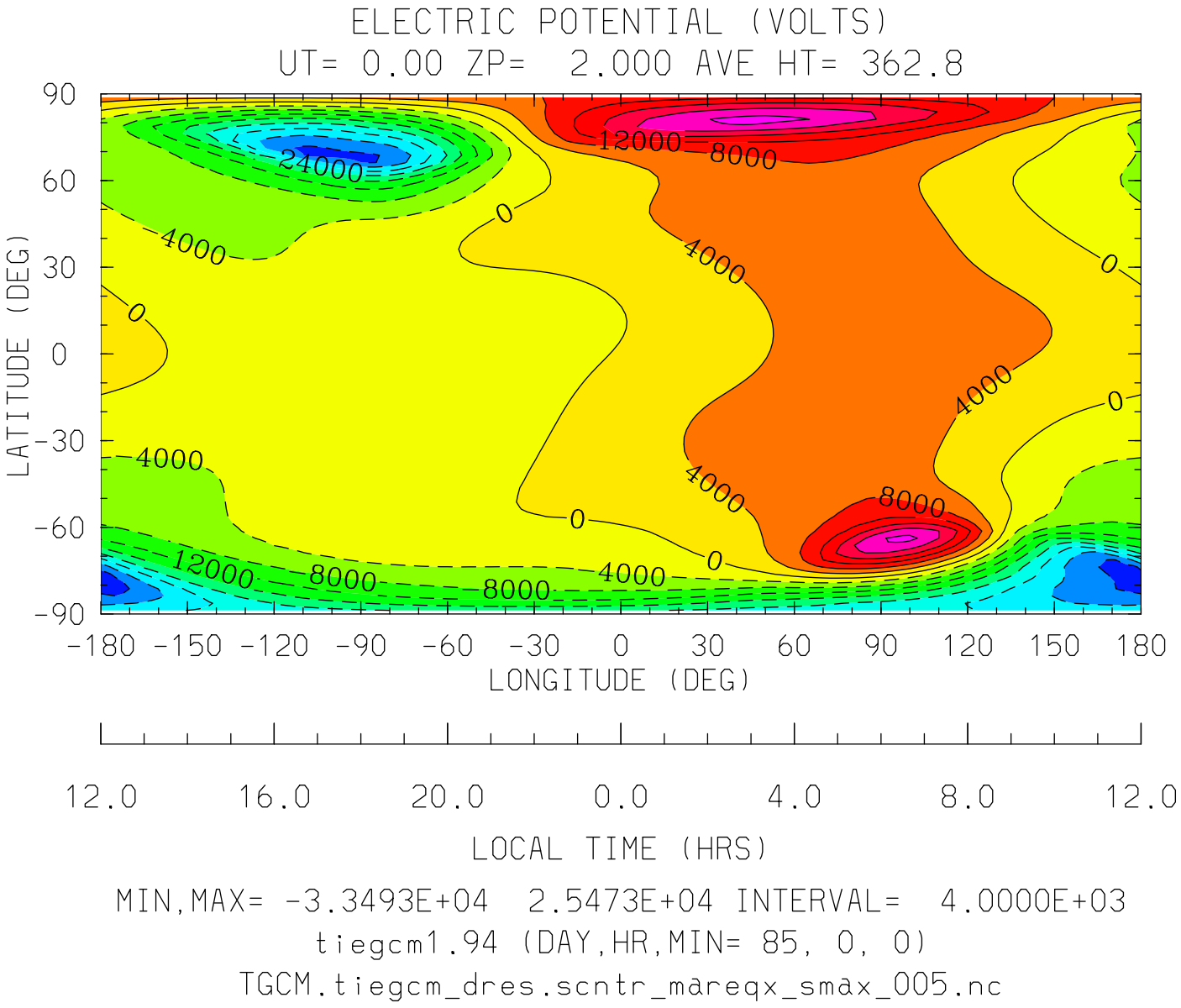

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
4000
8000
12000
32000
0
MIN,MAX= -3.3551E+04 2.5393E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
-4000
4000
0
-8000
-12000
8000
MIN,MAX= -3.3564E+04 2.5779E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 0.000 AVE HT= 244.4
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12000
8000
24000
4000
0
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.3527E+04 2.5620E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
4000
0
8000
12000
32000
MIN,MAX= -3.3500E+04 2.5283E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

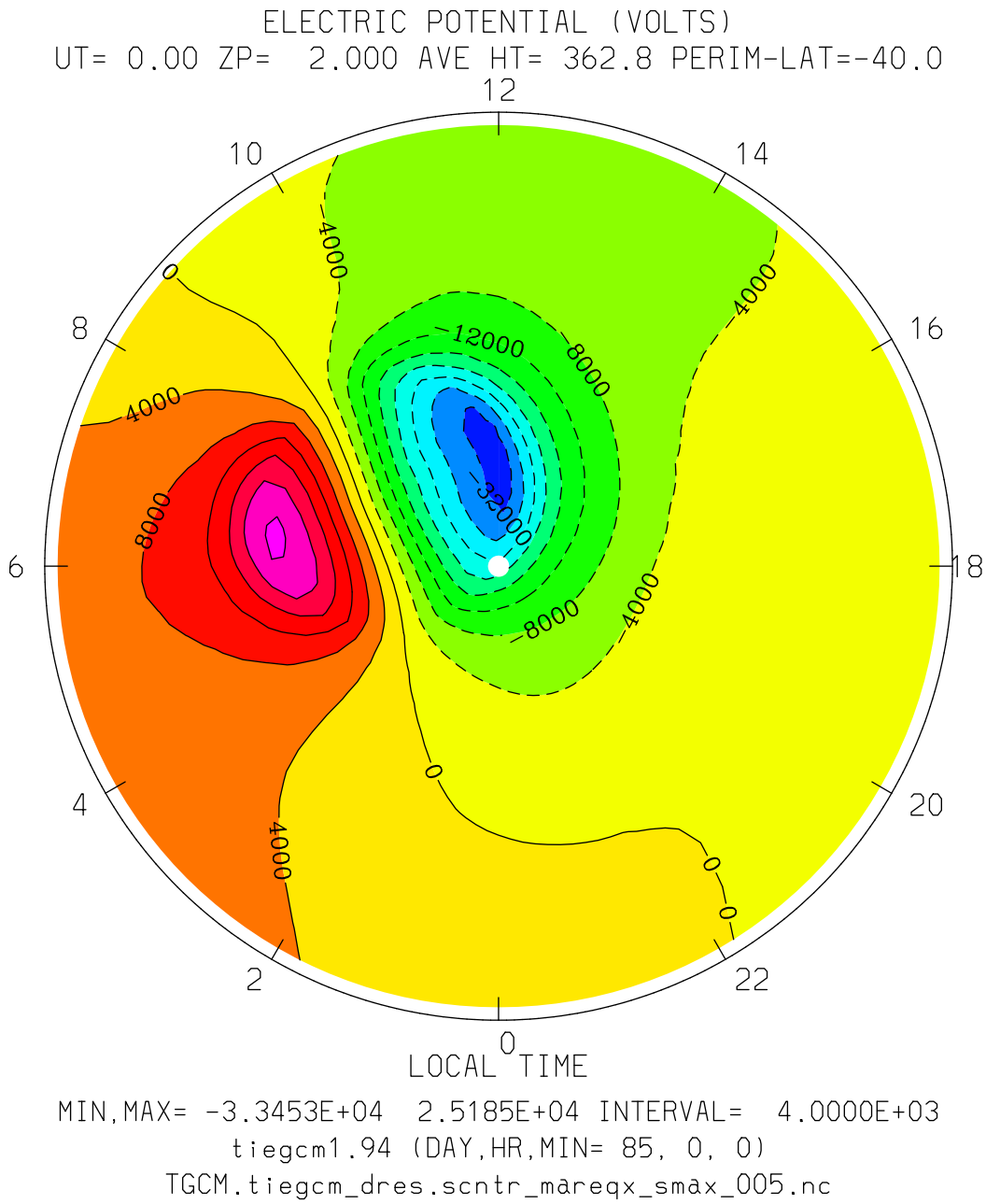

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
4000
0
8000
12000
MIN,MAX= -3.3527E+04 2.5620E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

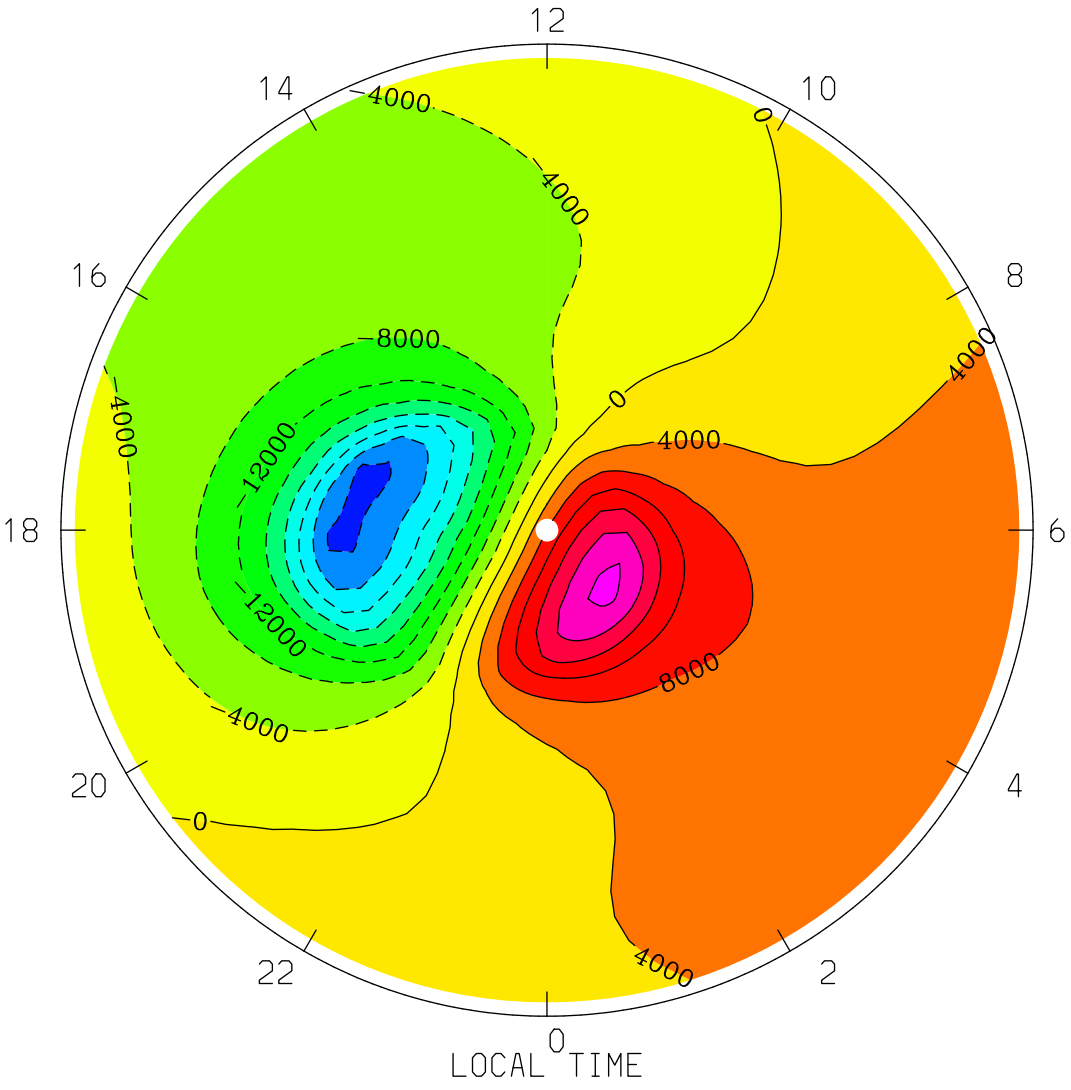


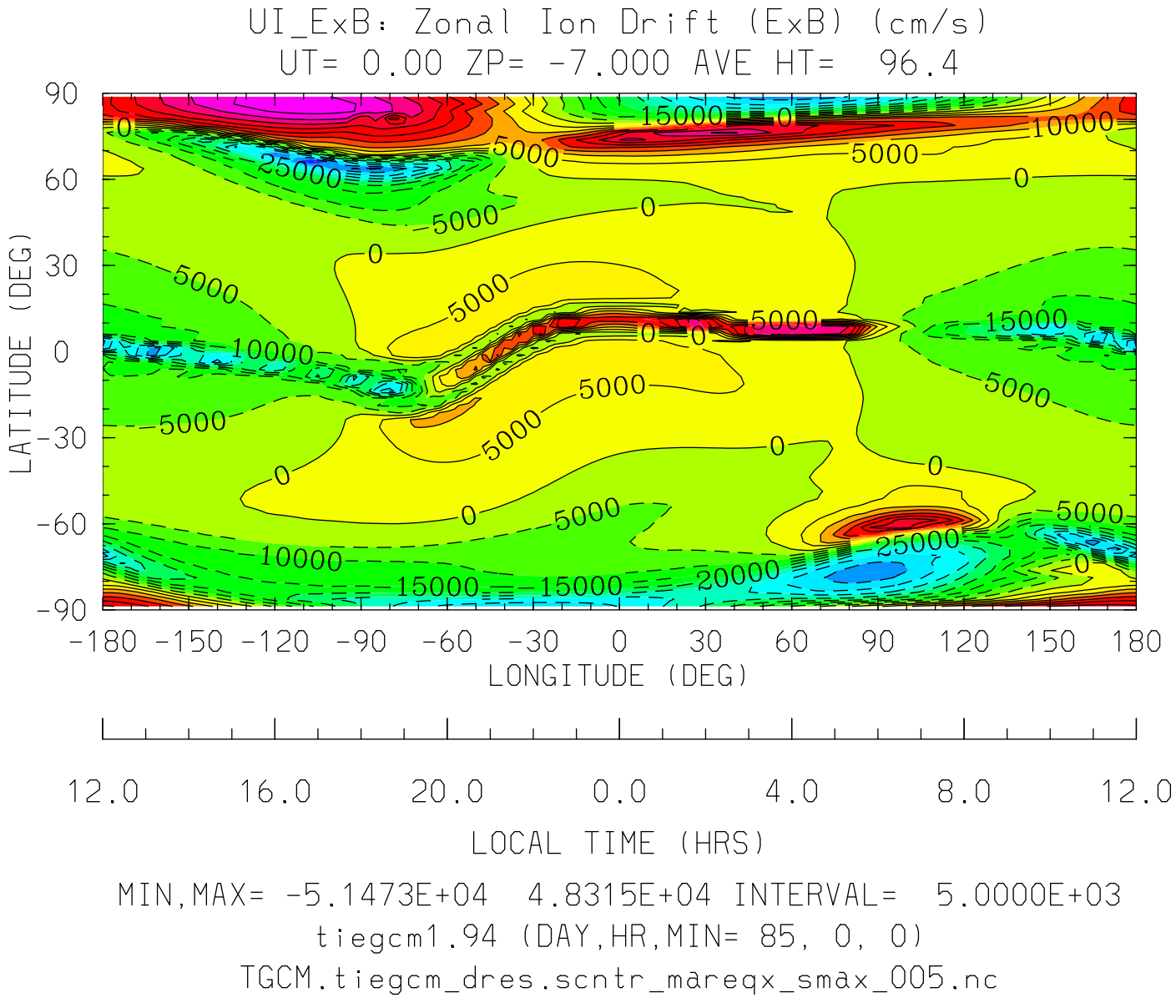
MIN,MAX= -3.3493E+04 2.5473E+04 INTERVAL= 4.0000E+03

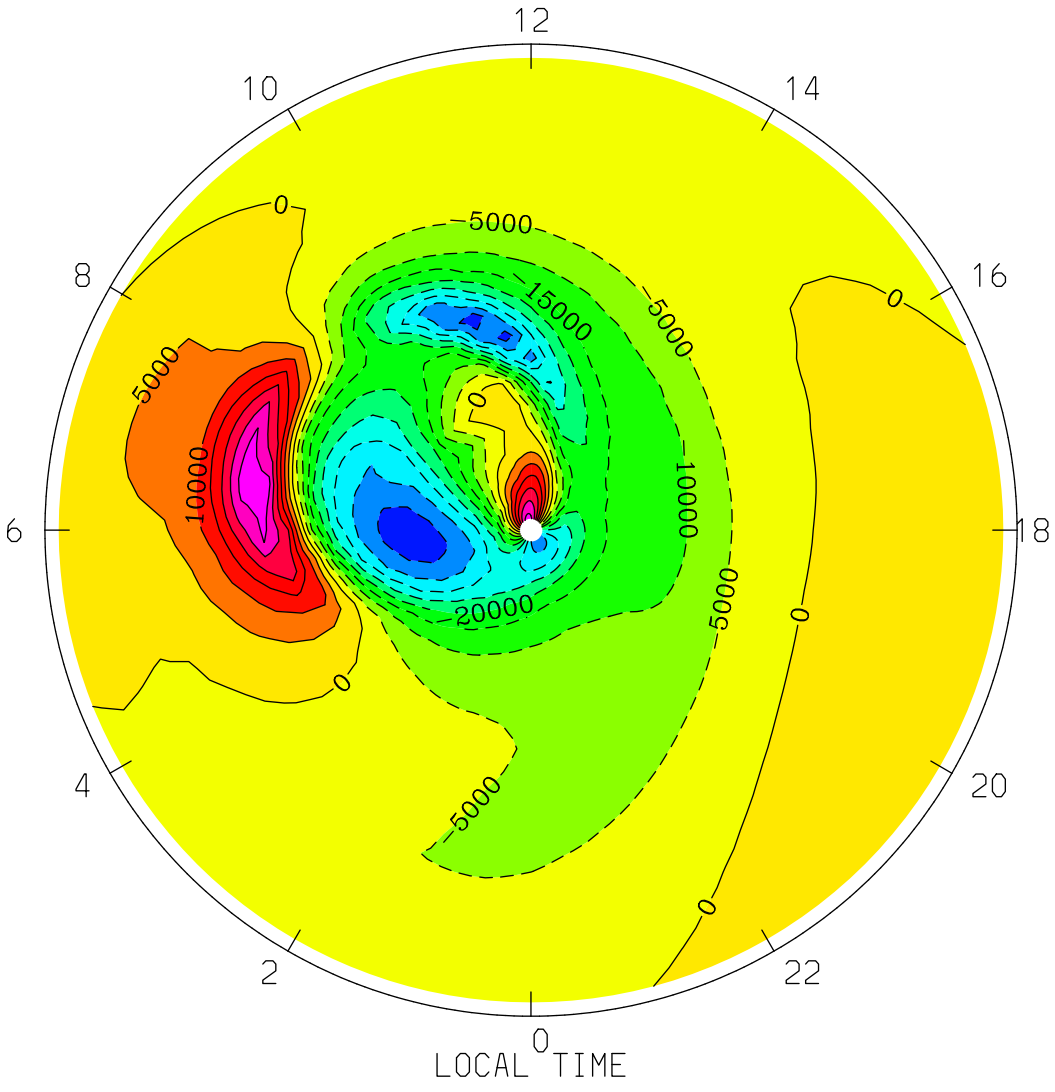
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

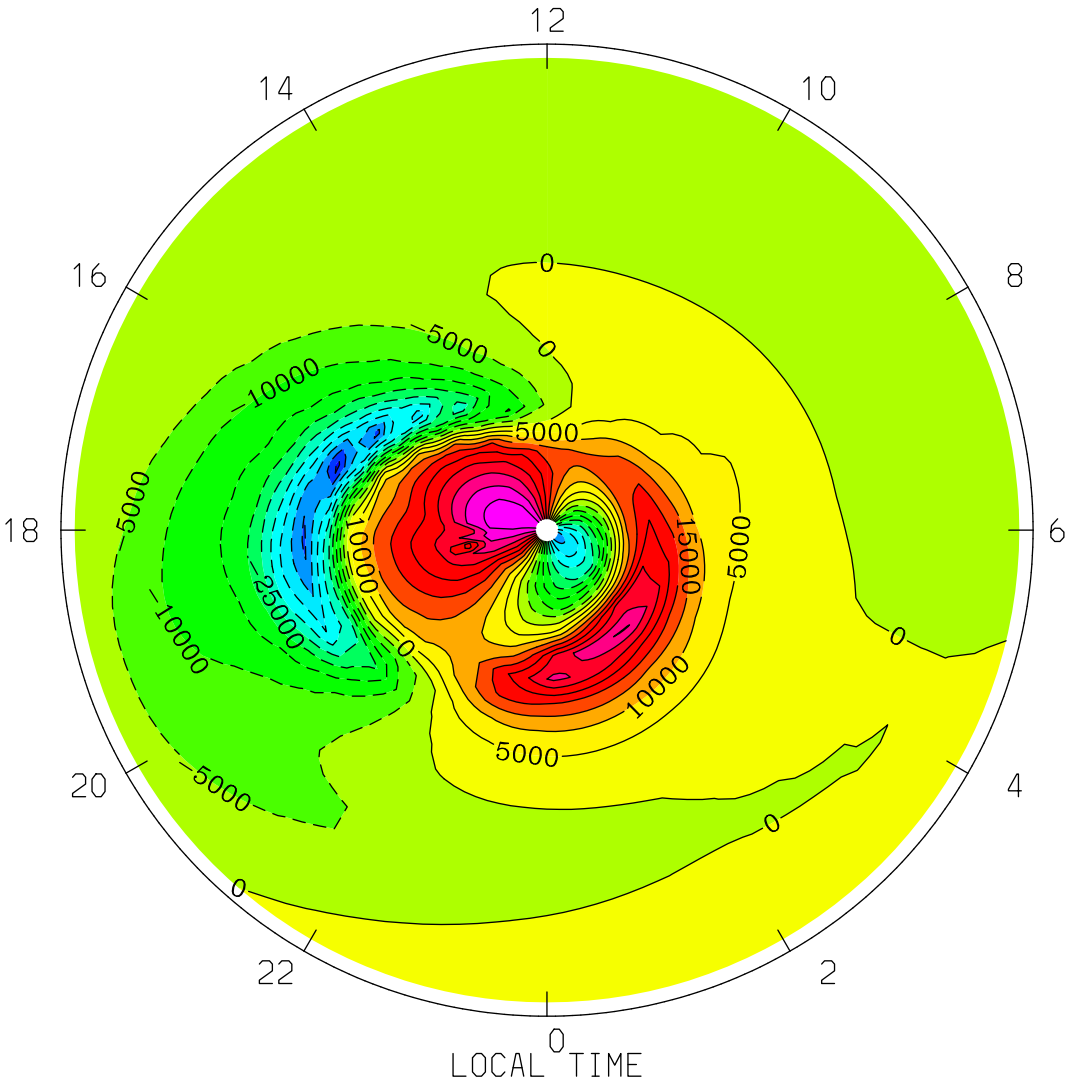
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

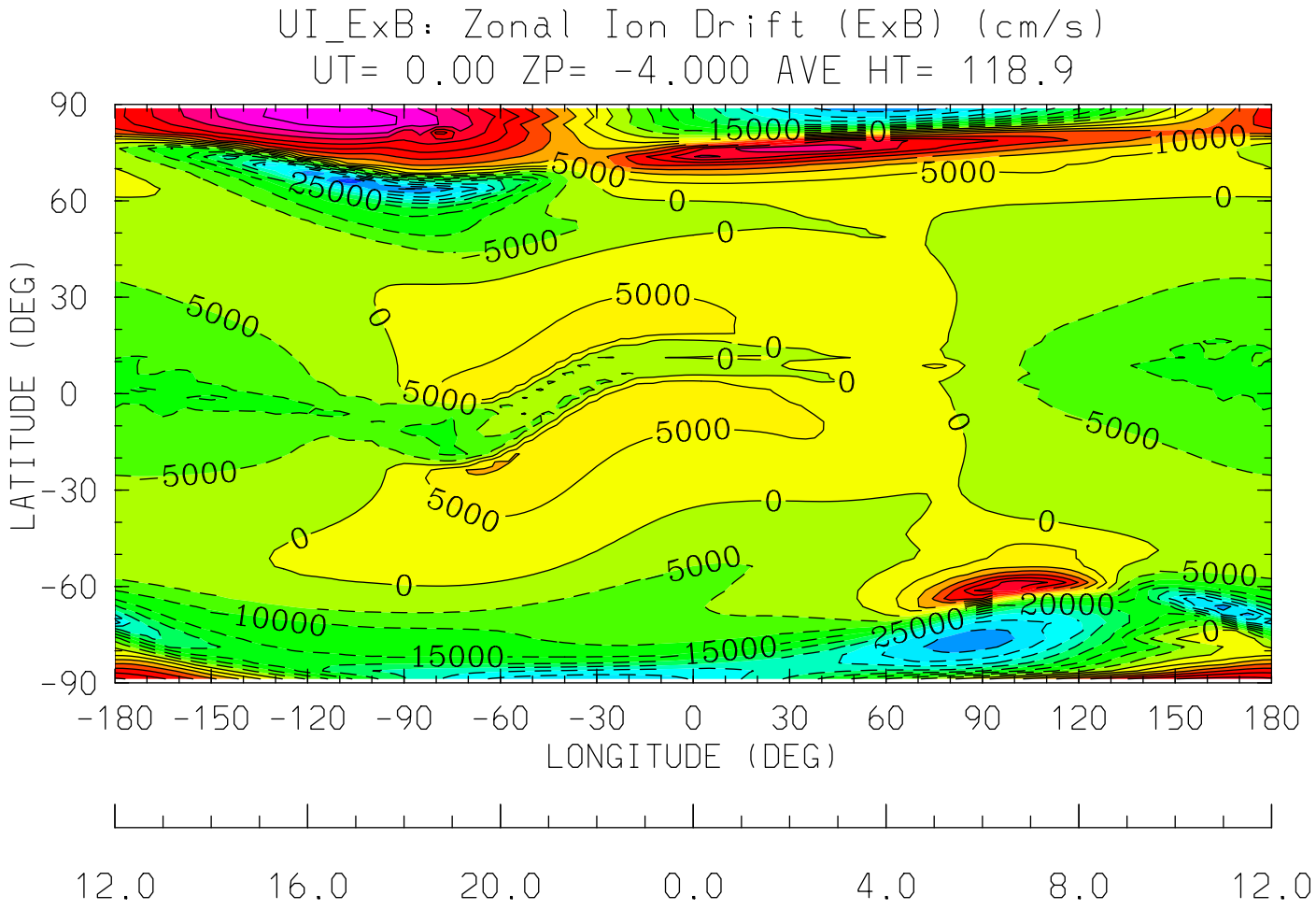

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -3.3453E+04 2.5185E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc
-12000
-8000
-4000
0
4000
8000
32000

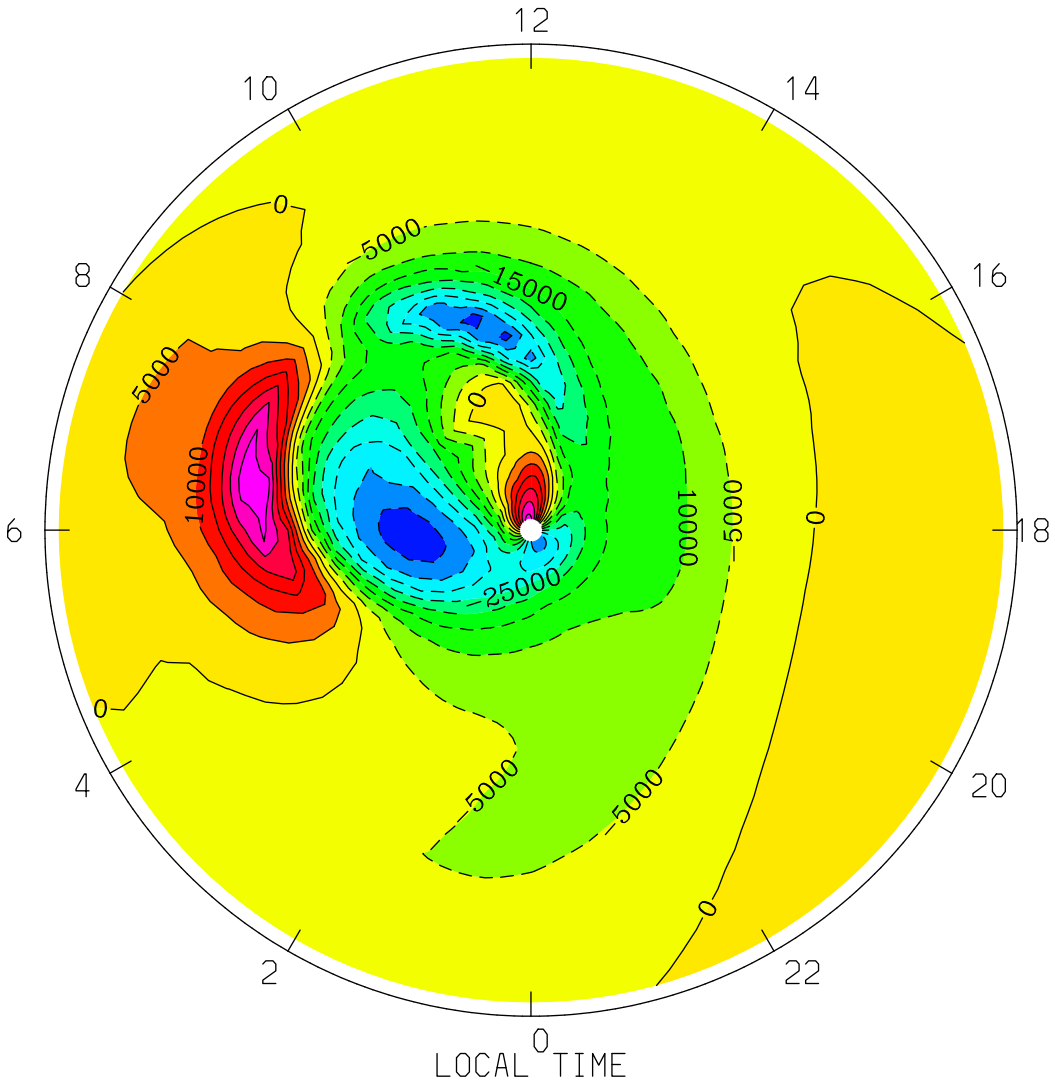

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
-4000
4000
0
-8000
12000
LOCAL TIME
MIN,MAX= -3.3493E+04 2.5473E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


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= -5.1473E+04 4.8315E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_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
5000
15000
10000
20000
MIN,MAX= -4.3790E+04 3.3254E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_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
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
0
5000
10000
15000
25000
MIN,MAX= -5.1473E+04 4.8315E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

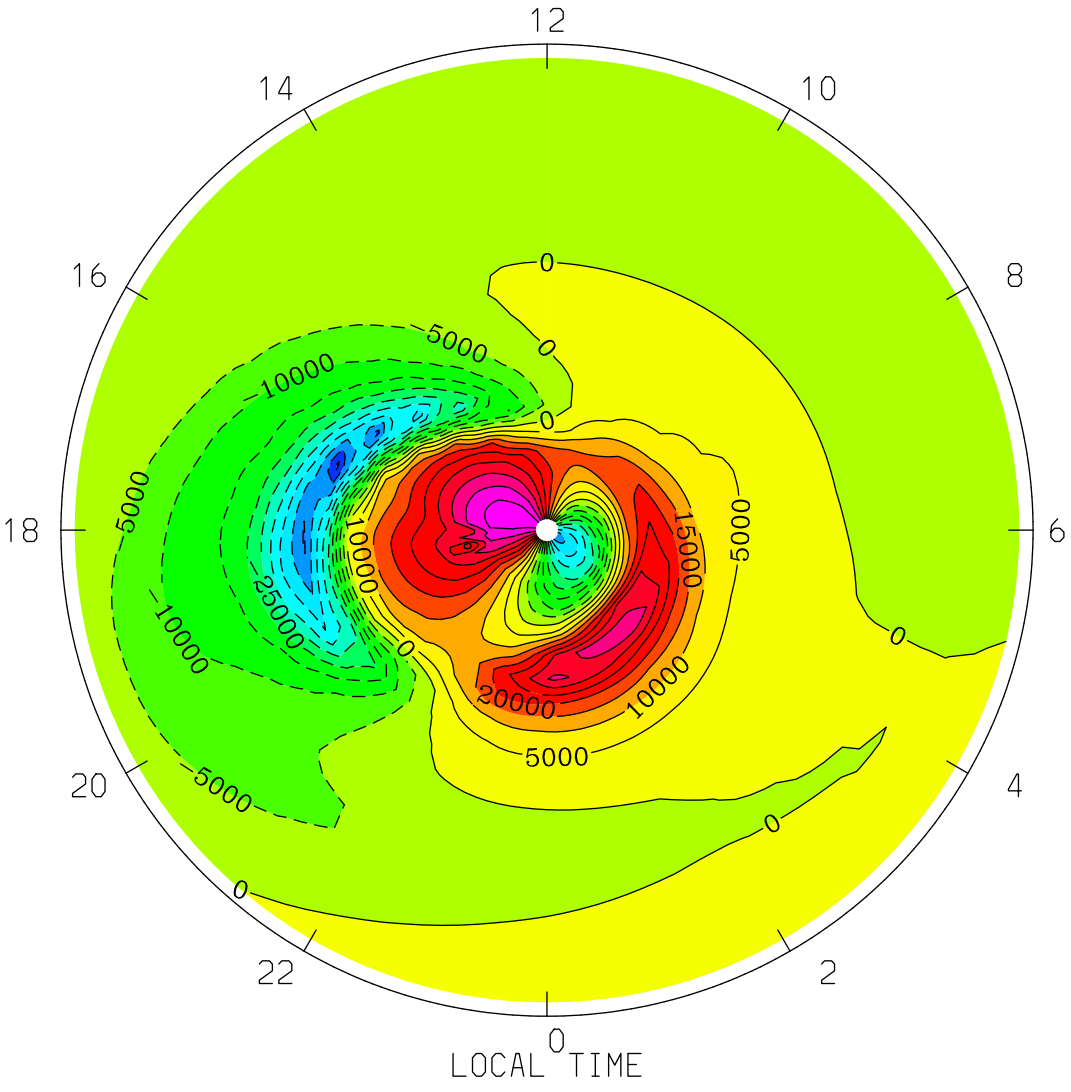

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 118.9
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.0976E+04 4.8140E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= -4.3526E+04 3.3168E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

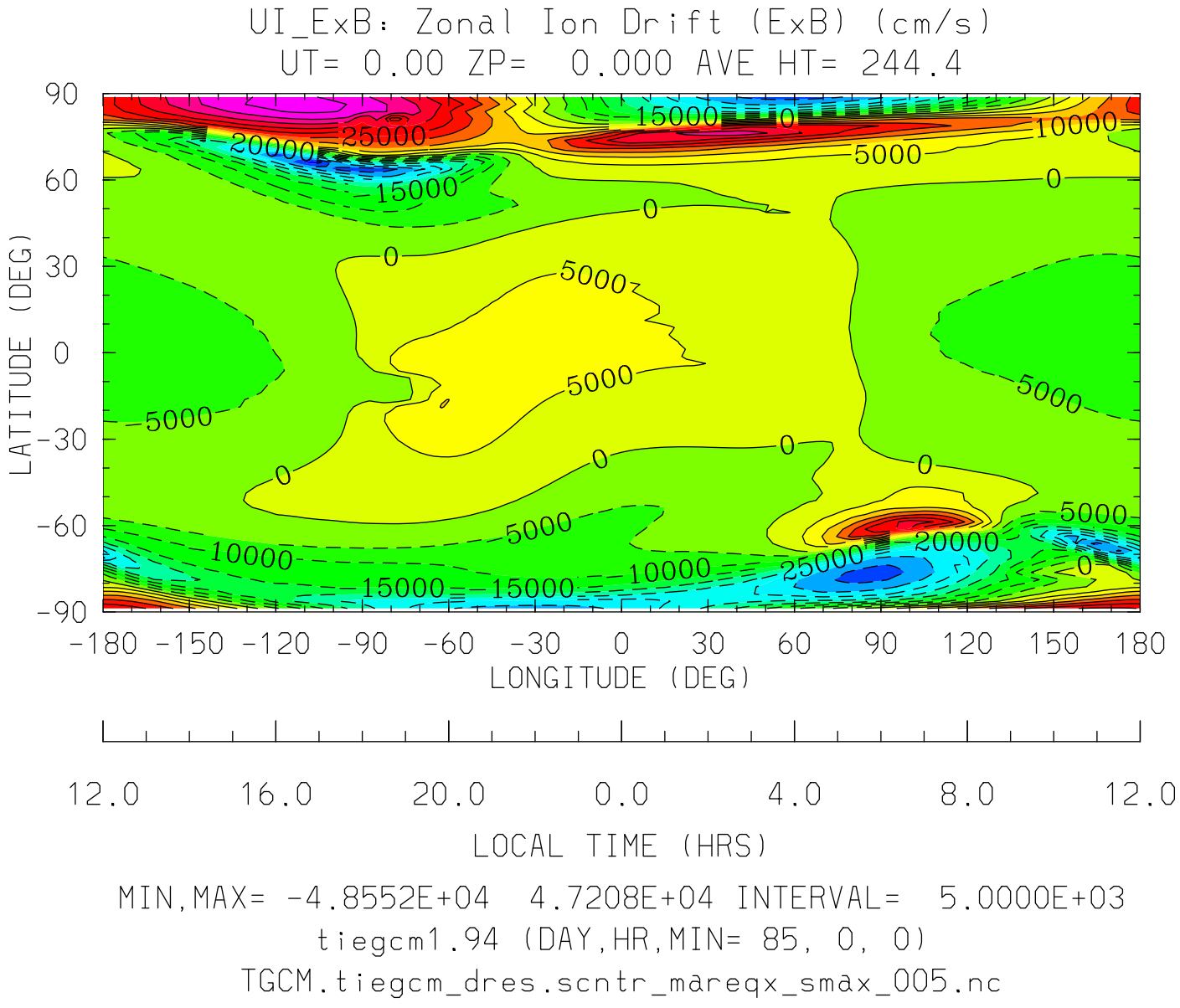
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

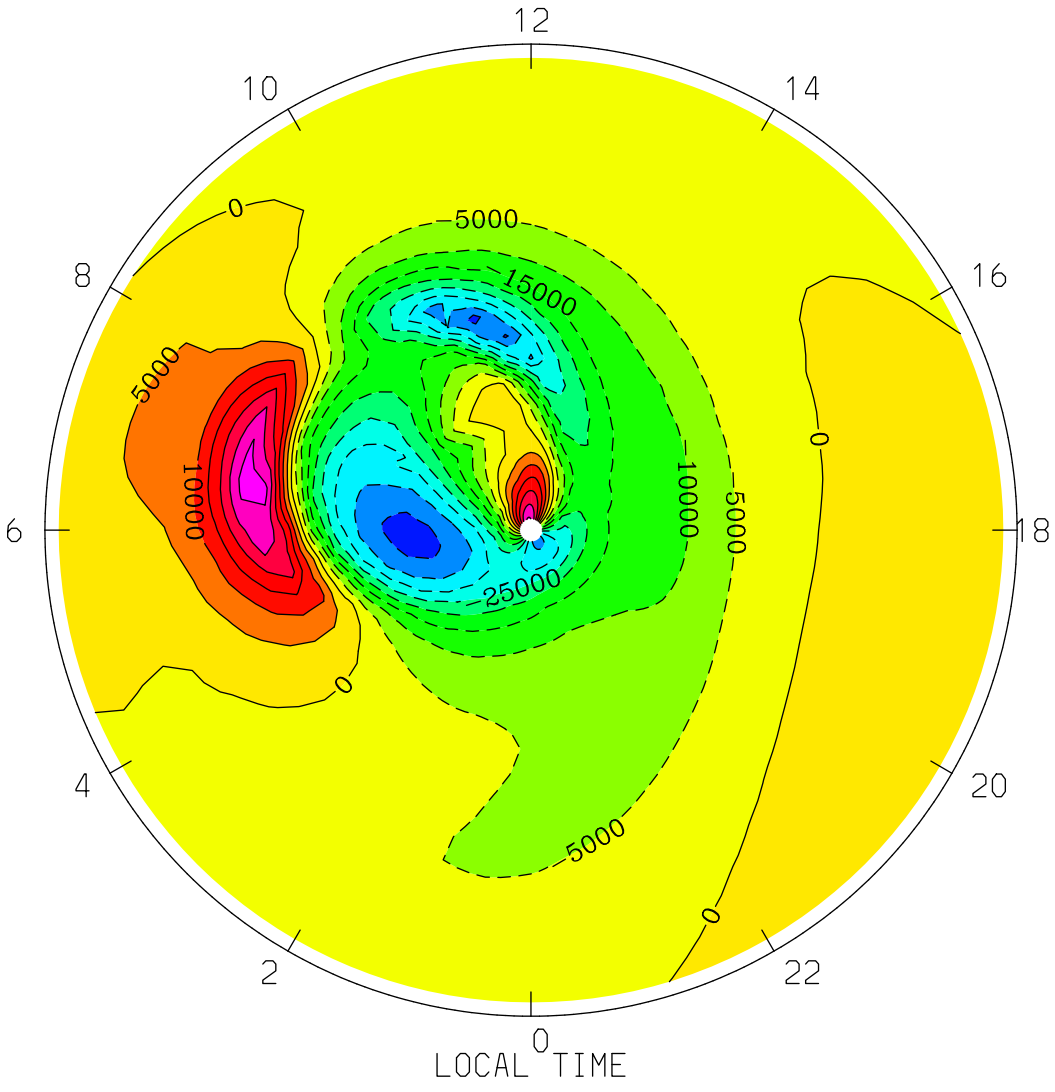


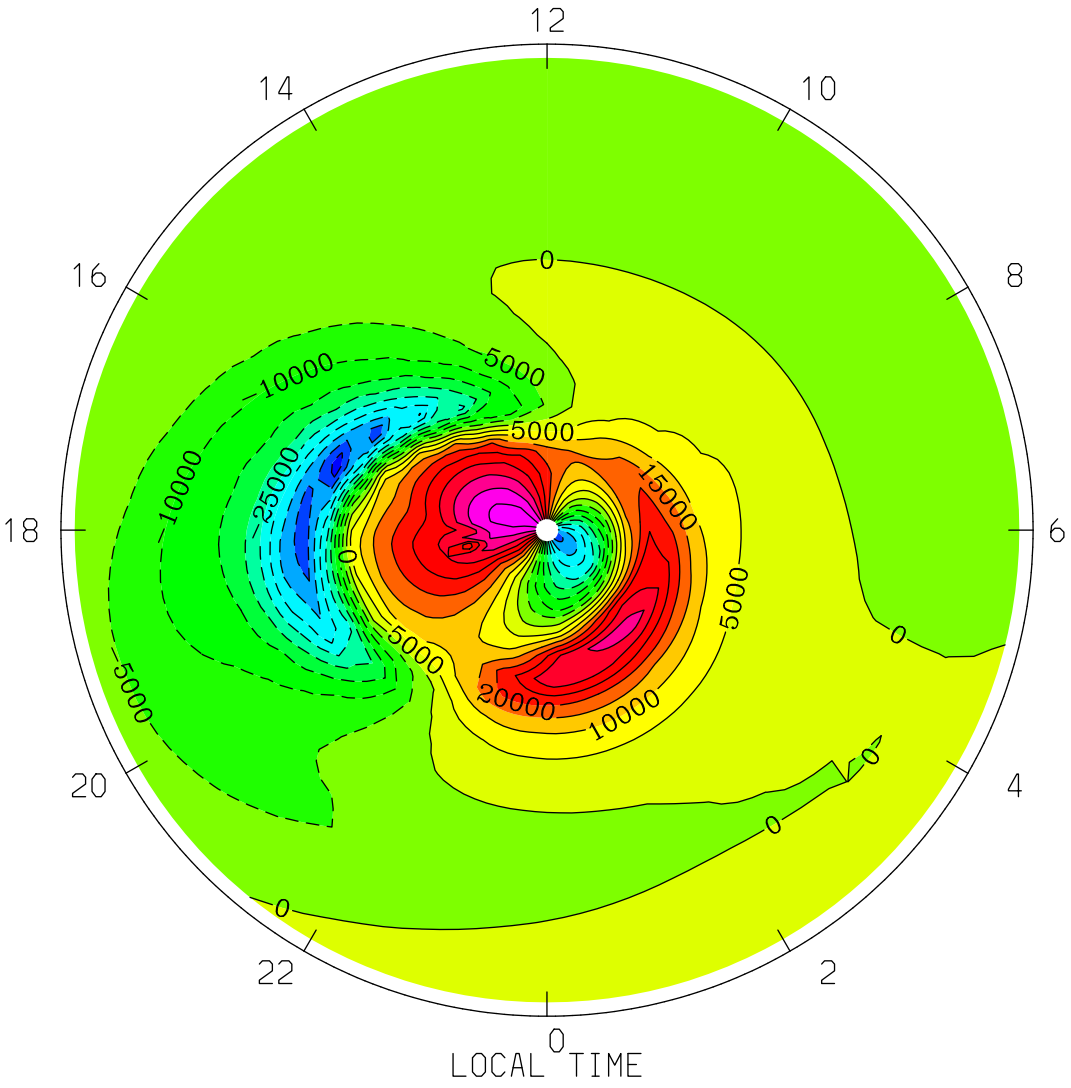
MIN,MAX= -5.0976E+04 4.8140E+04 INTERVAL= 5.0000E+03

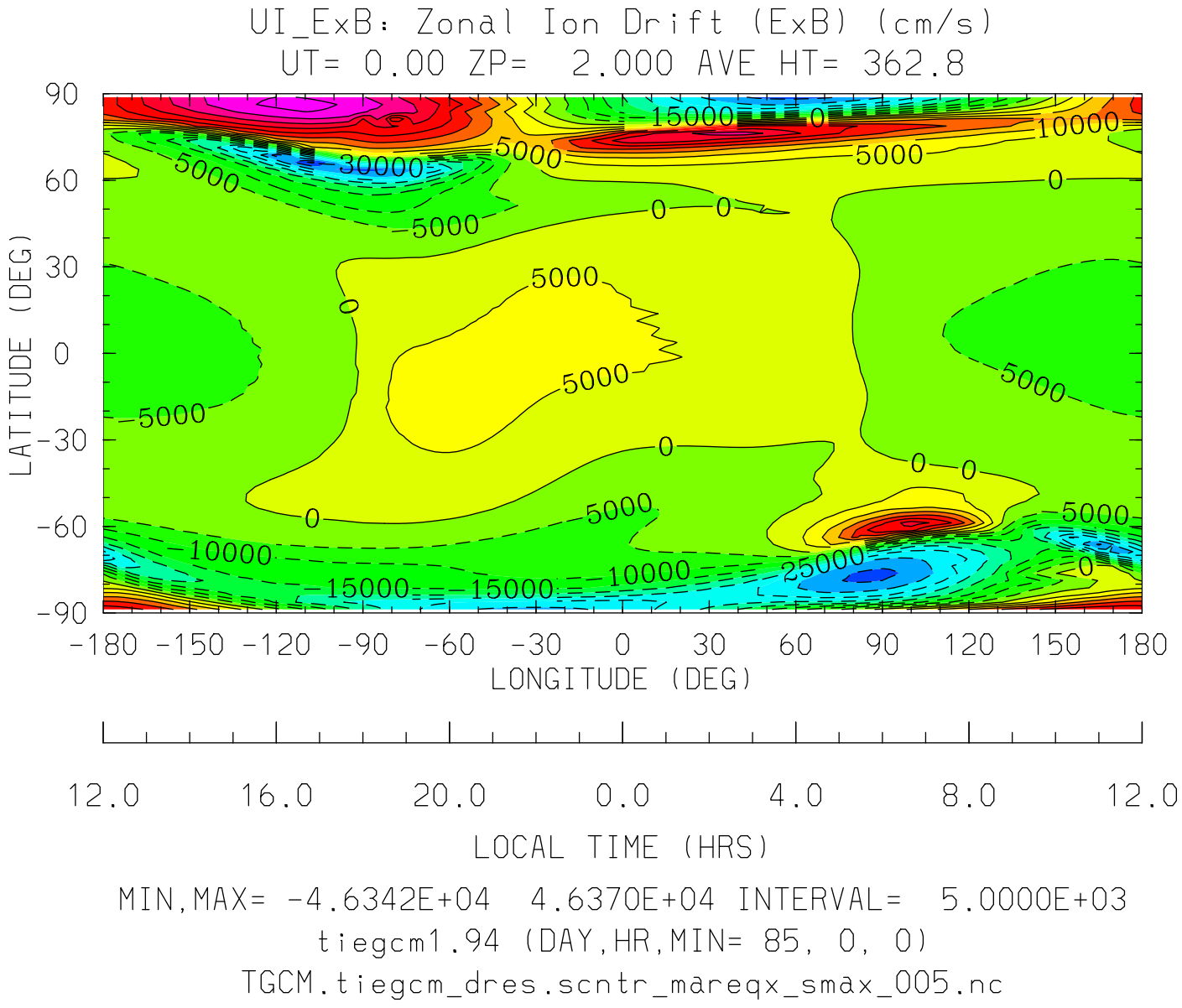
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

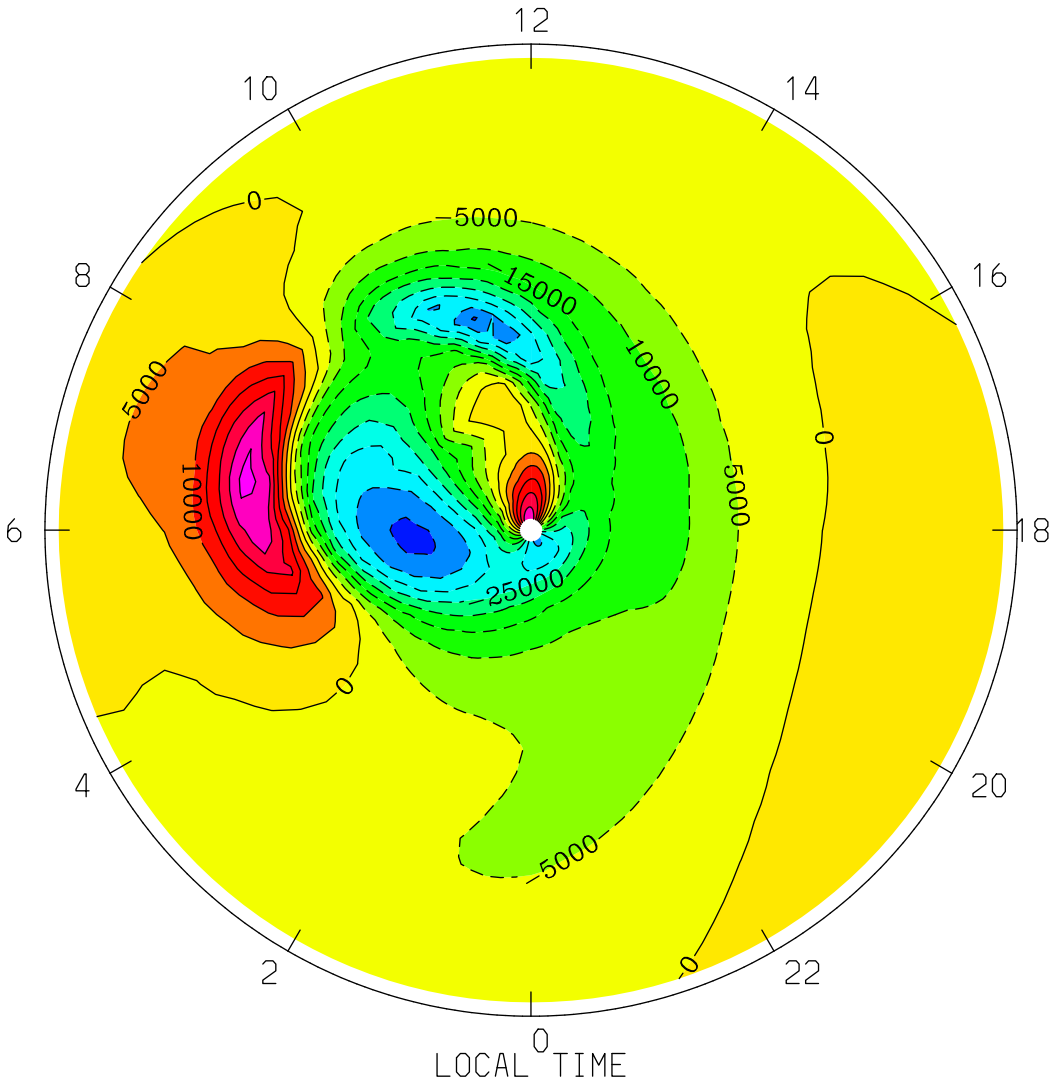

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 244.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.8552E+04 4.7208E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
5000
15000
0
5000
10000
10000
5000
0
25000
0
5000
0
LOCAL TIME
MIN,MAX= -4.2127E+04 3.2726E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

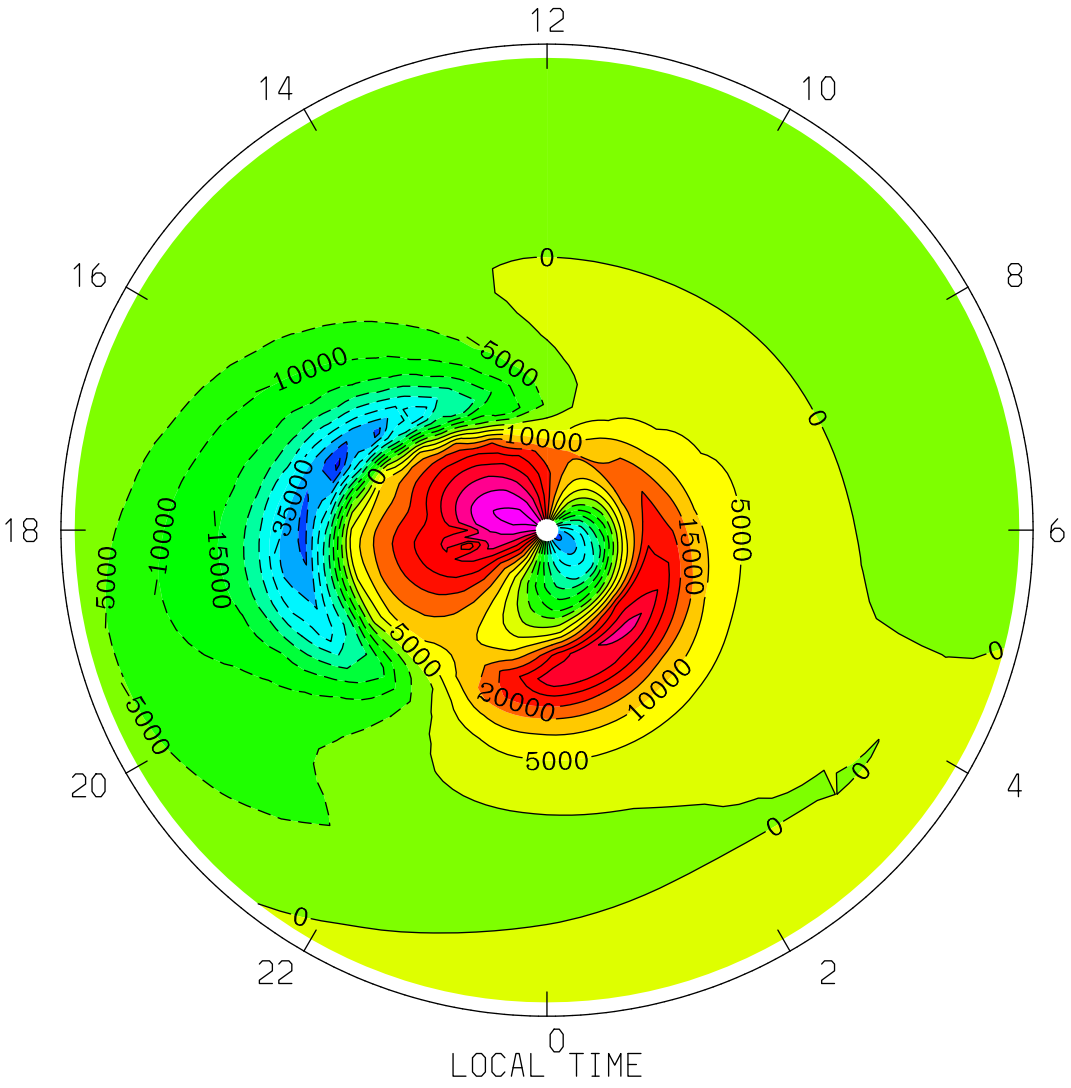

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -4.8552E+04 4.7208E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

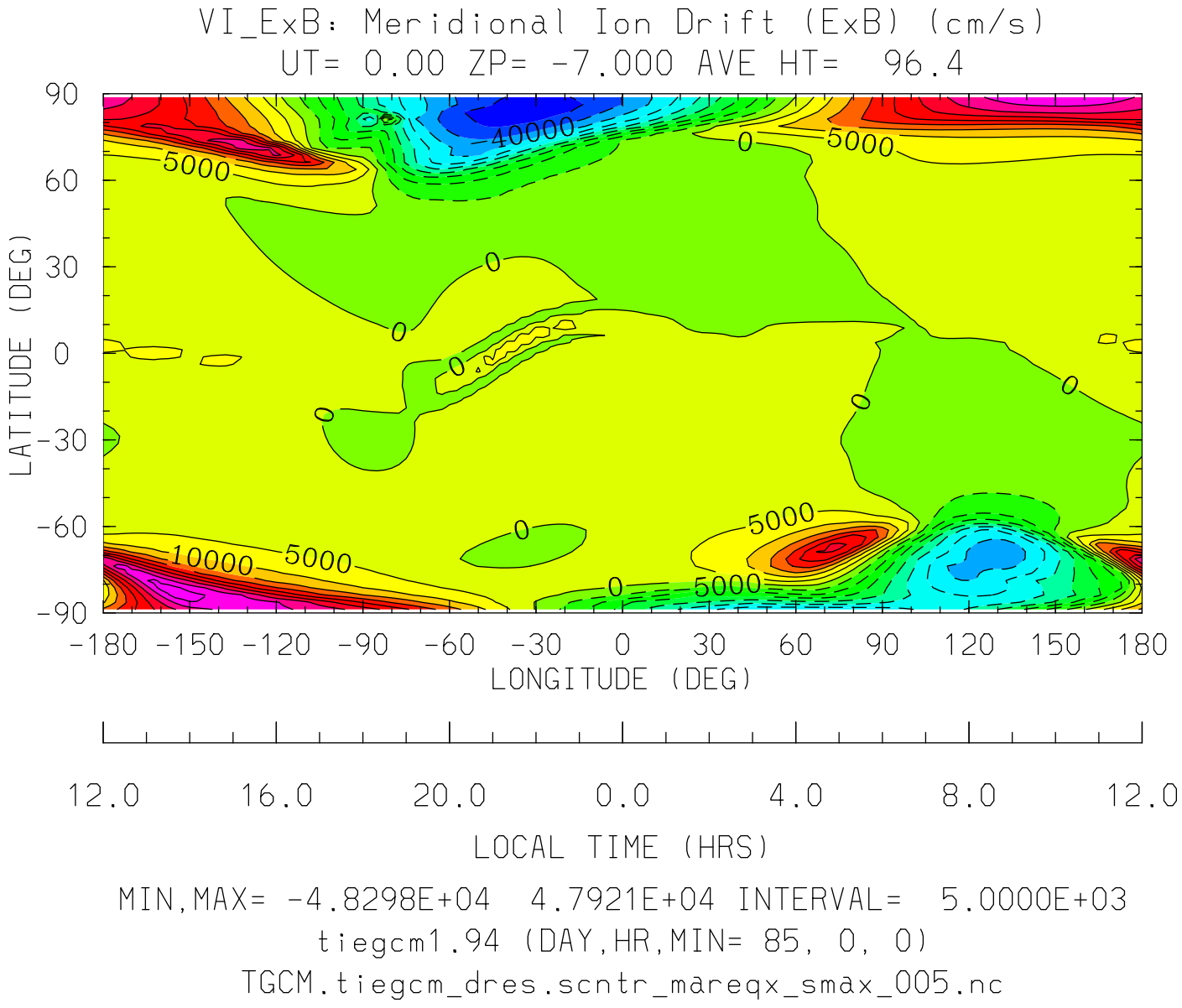

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 362.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.6342E+04 4.6370E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT=-40.0



MIN,MAX= -4.1101E+04 3.2318E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

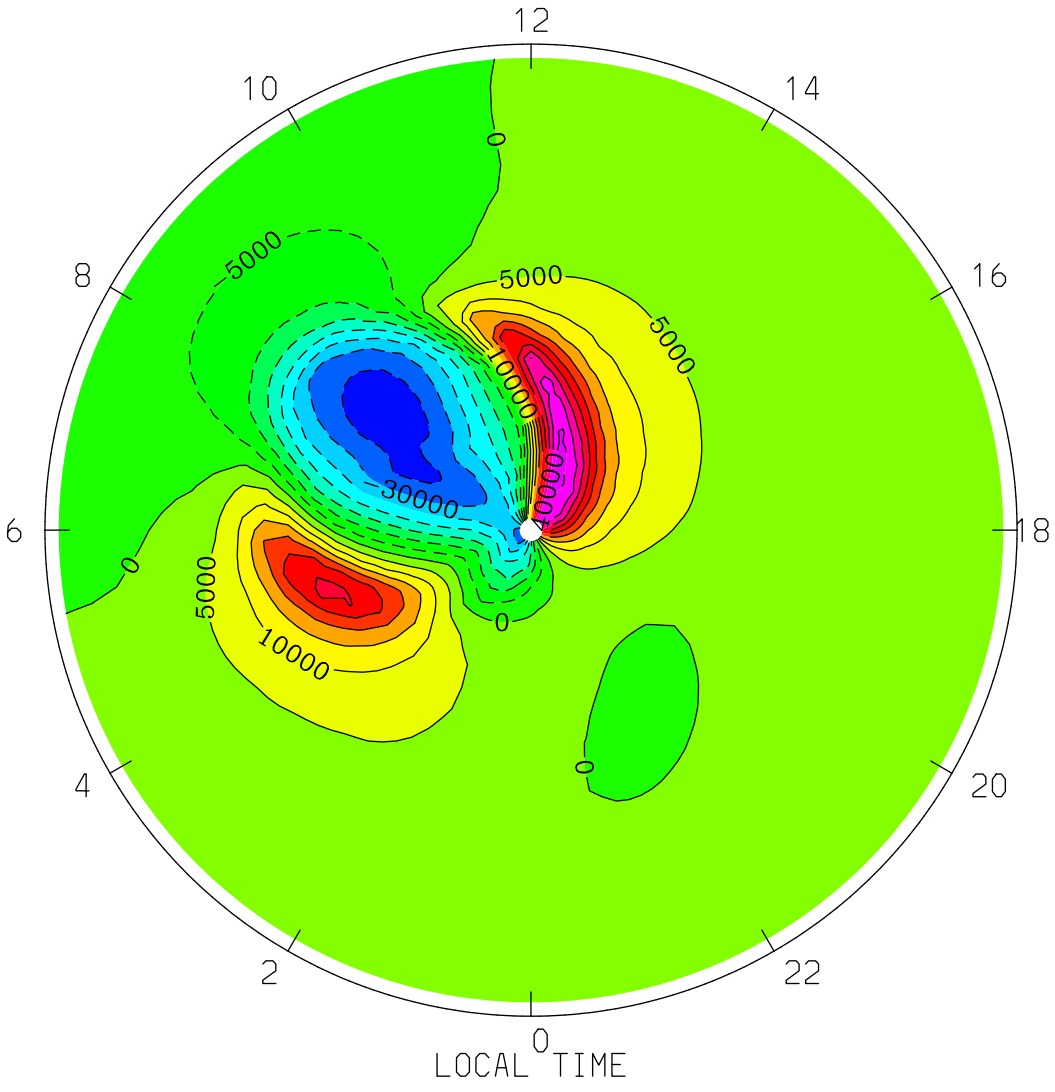

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -4.6342E+04 4.6370E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

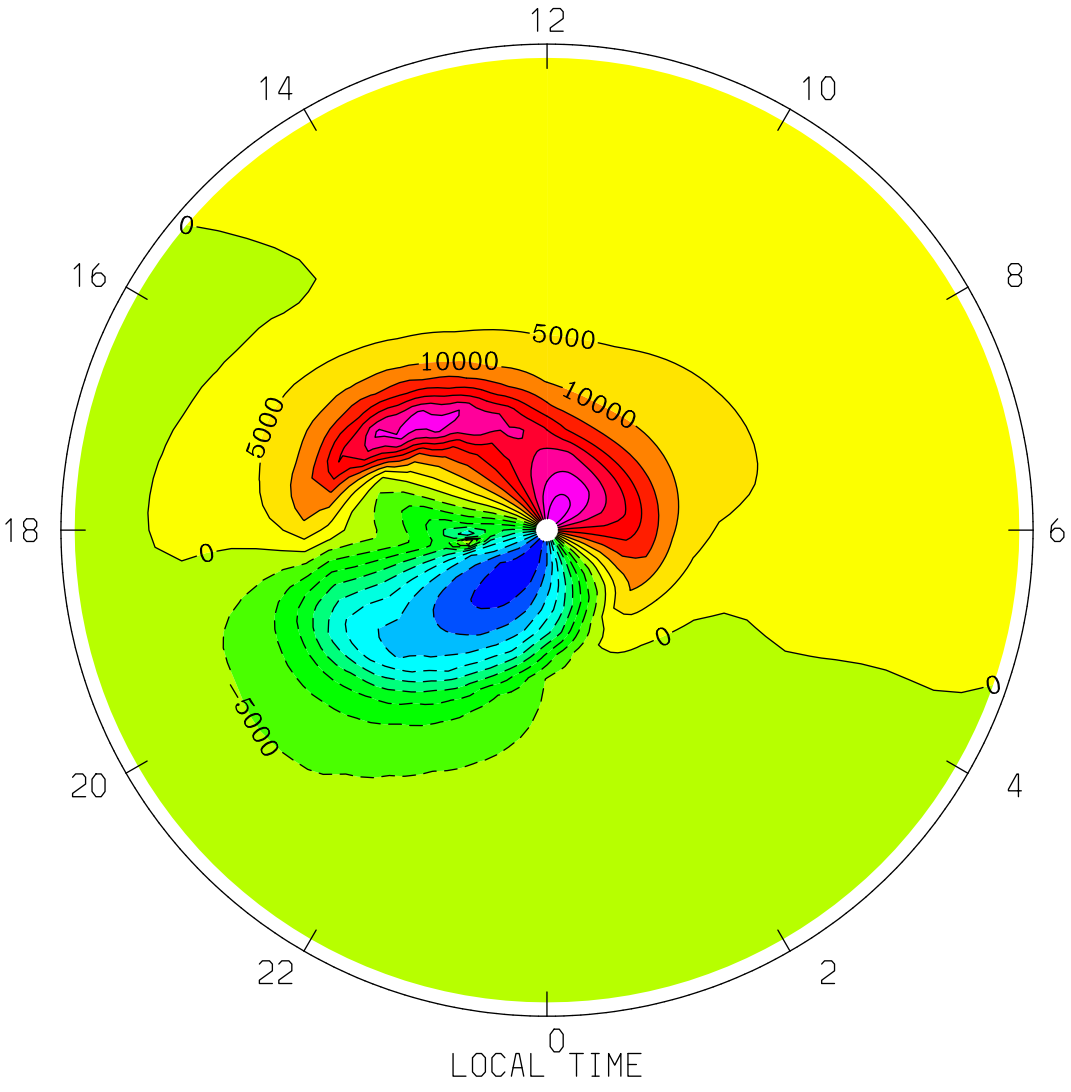


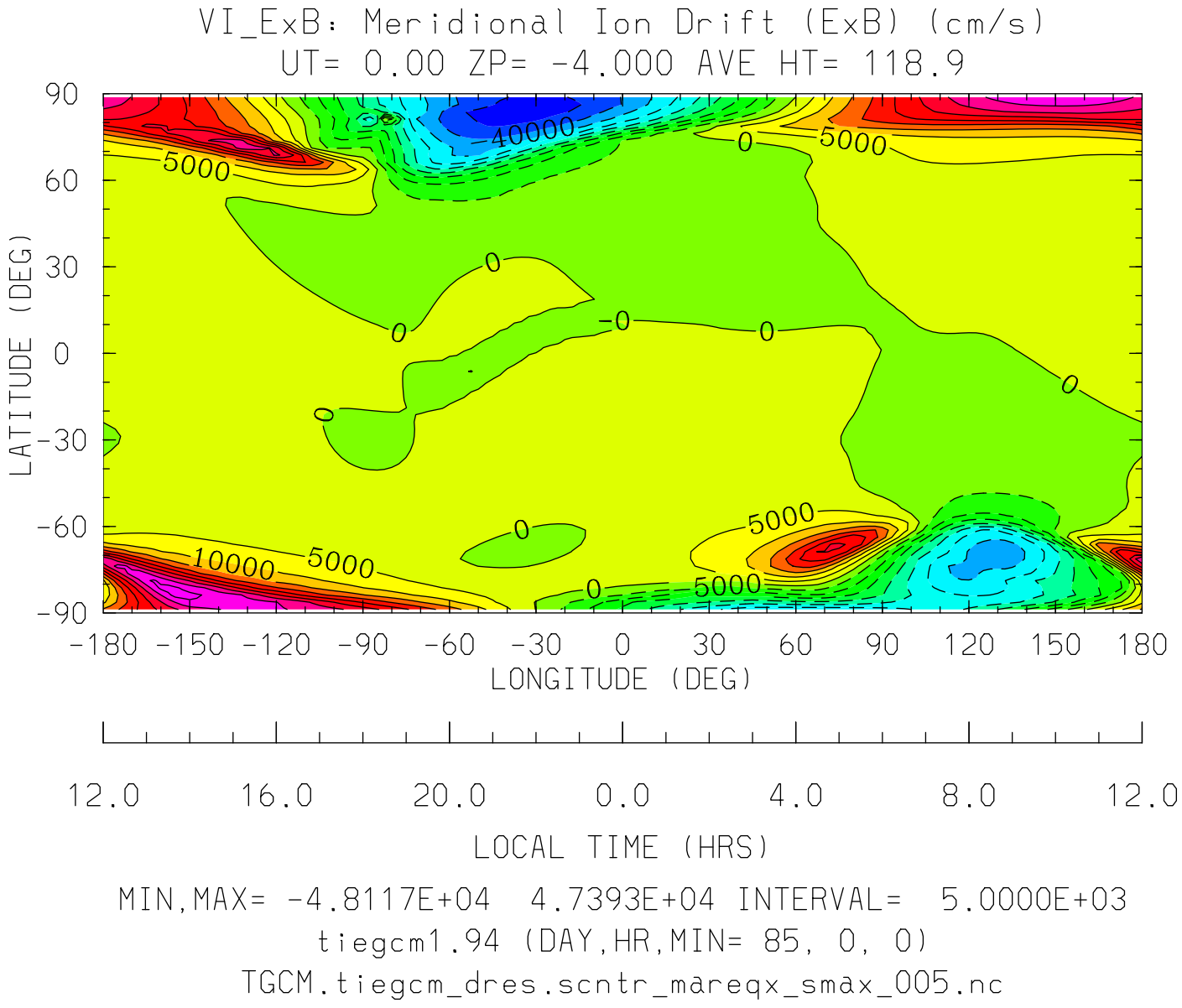
MIN,MAX= -4.8298E+04 4.7921E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_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
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
5000
10000
30000
MIN,MAX= -3.9141E+04 4.7921E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

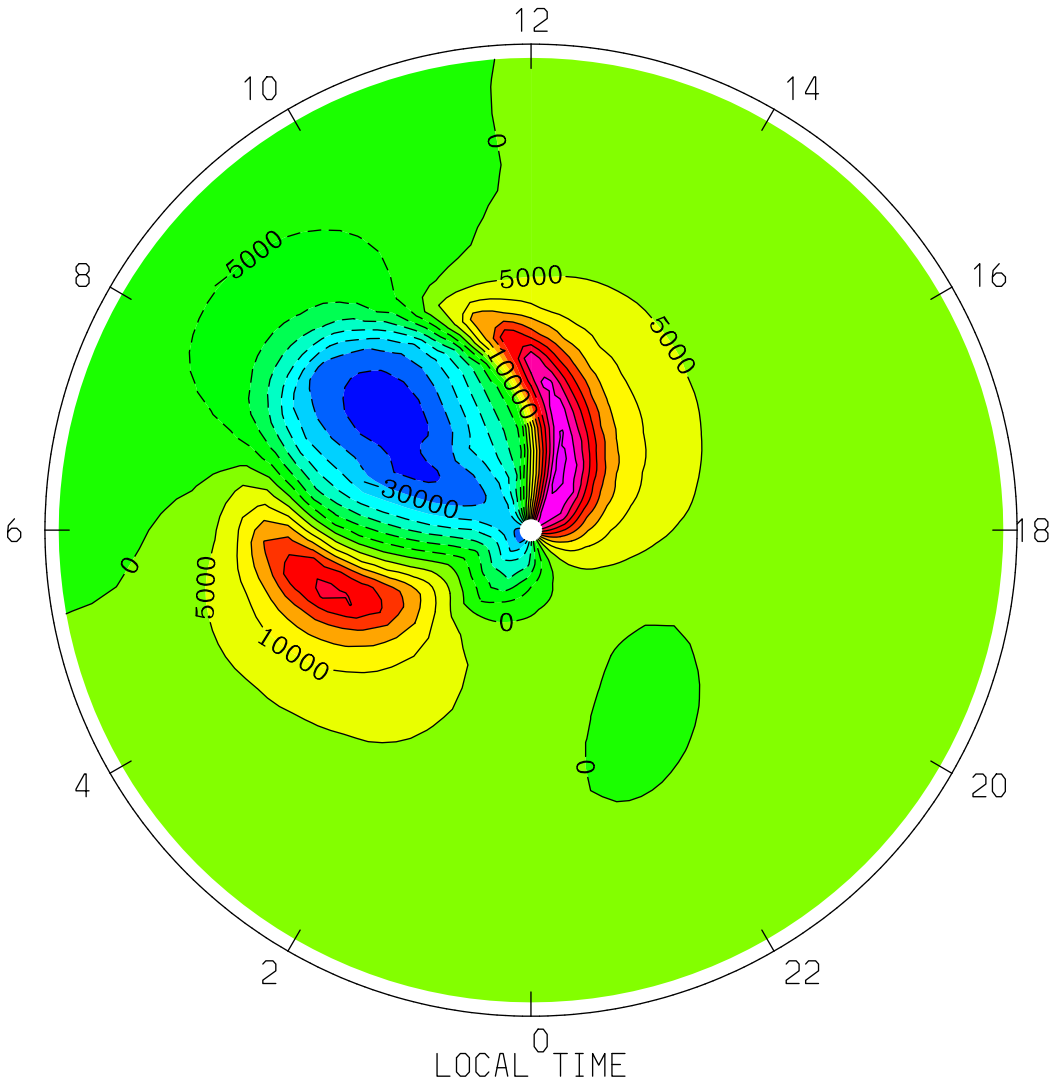

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
0
5000
10000
10000
5000
0
0
0
-5000
LOCAL TIME
MIN,MAX= -4.8298E+04 4.4229E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

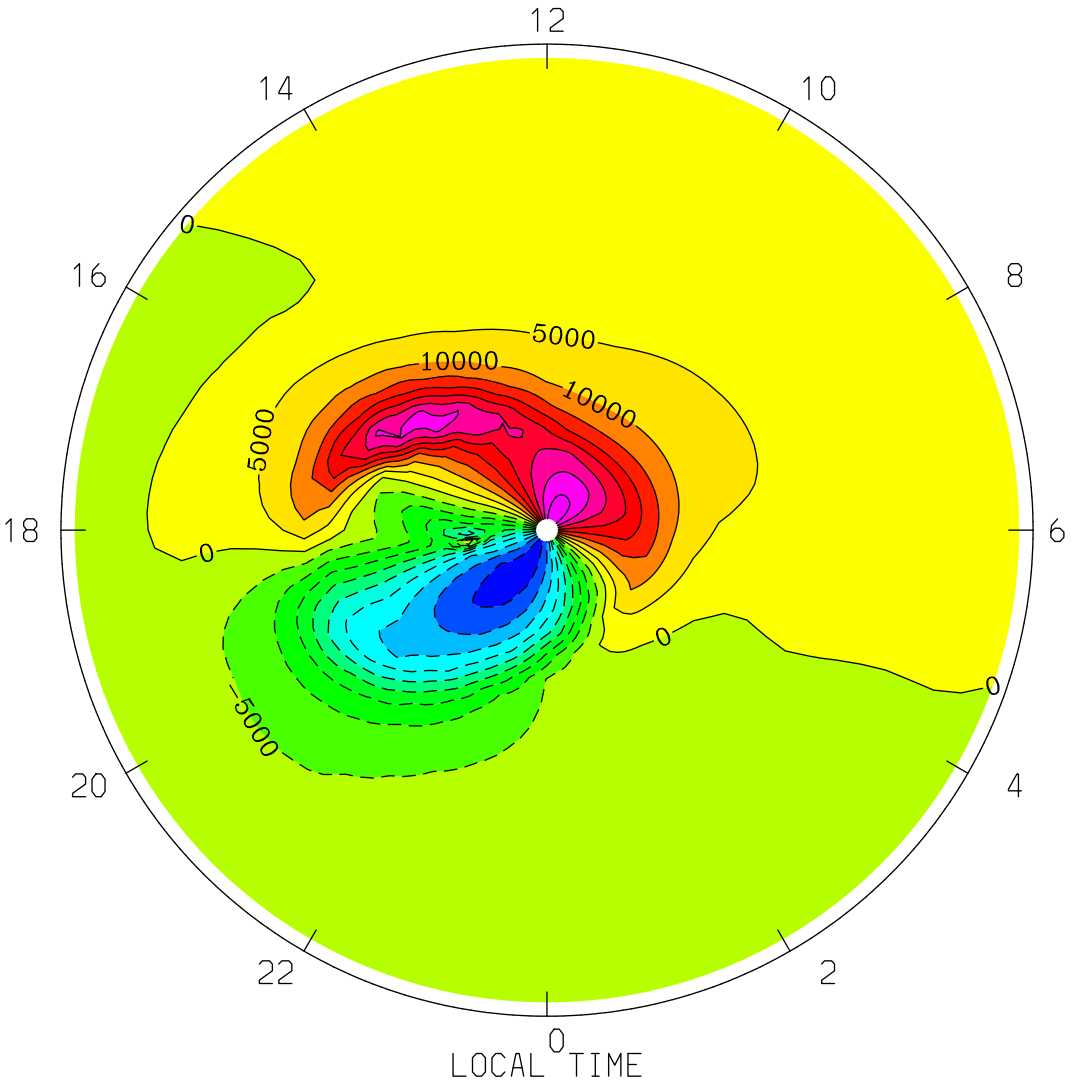


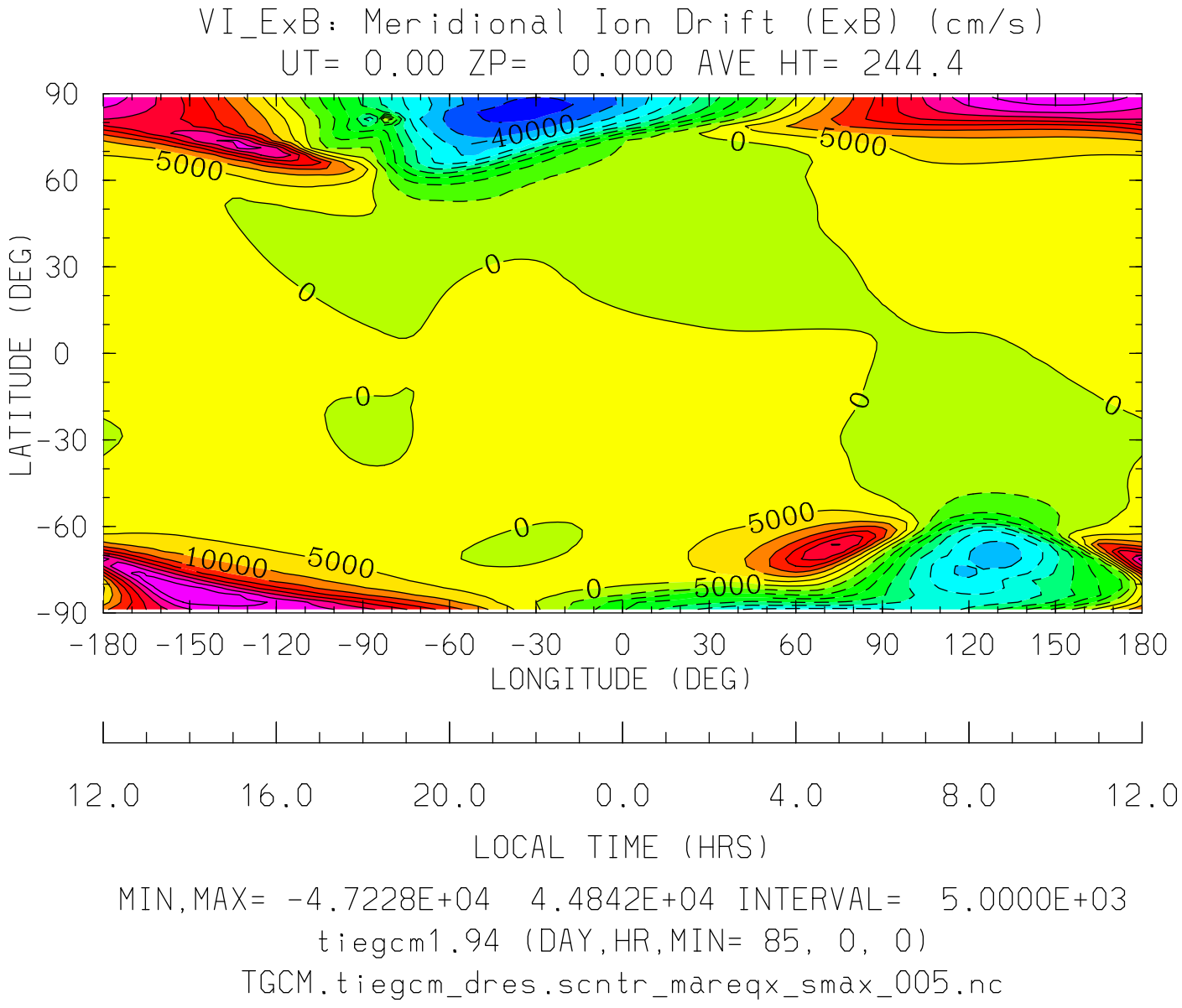
MIN,MAX= -4.8117E+04 4.7393E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
5000
10000
30000
MIN,MAX= -3.8989E+04 4.7393E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

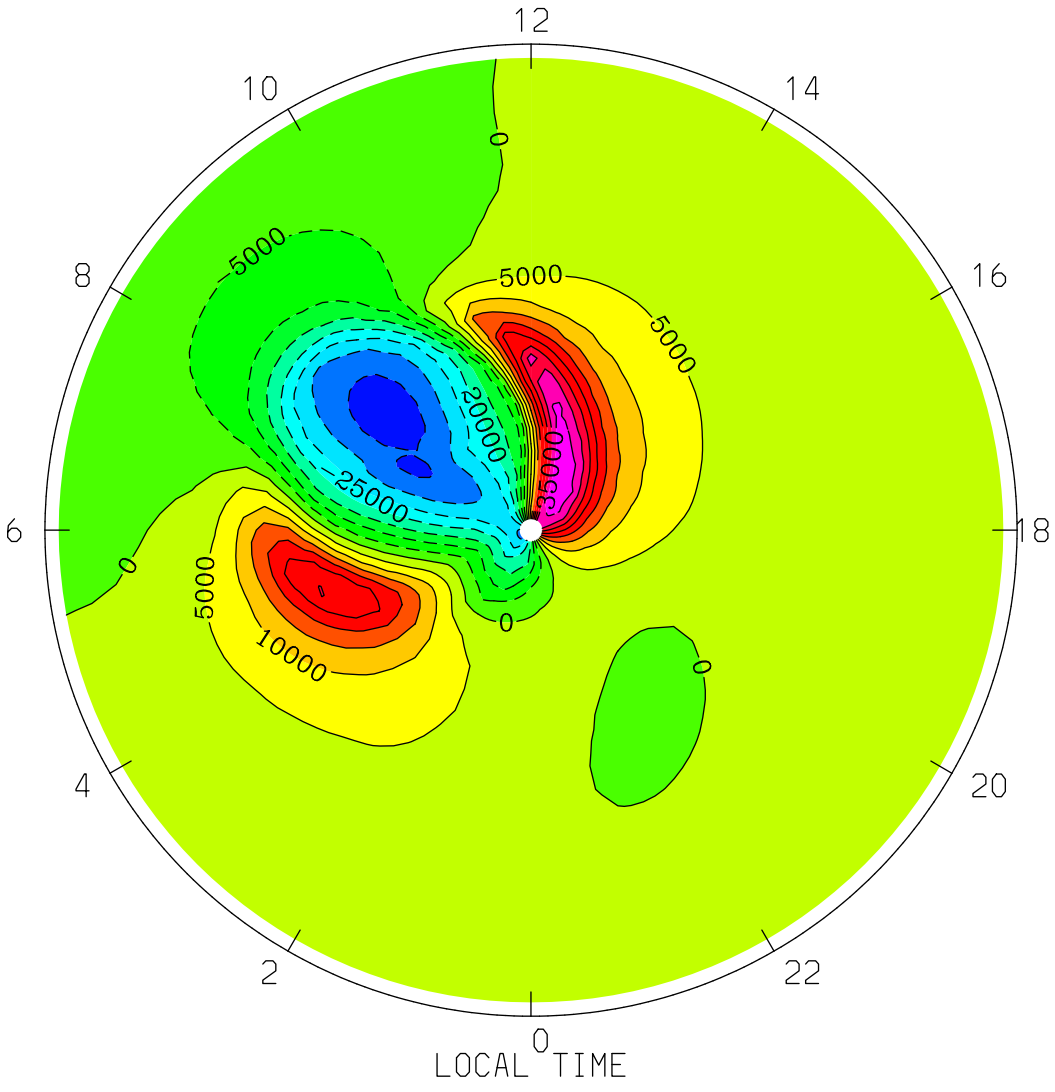

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
0
5000
10000
10000
5000
0
0
0
-5000
LOCAL TIME
MIN,MAX= -4.8117E+04 4.4091E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

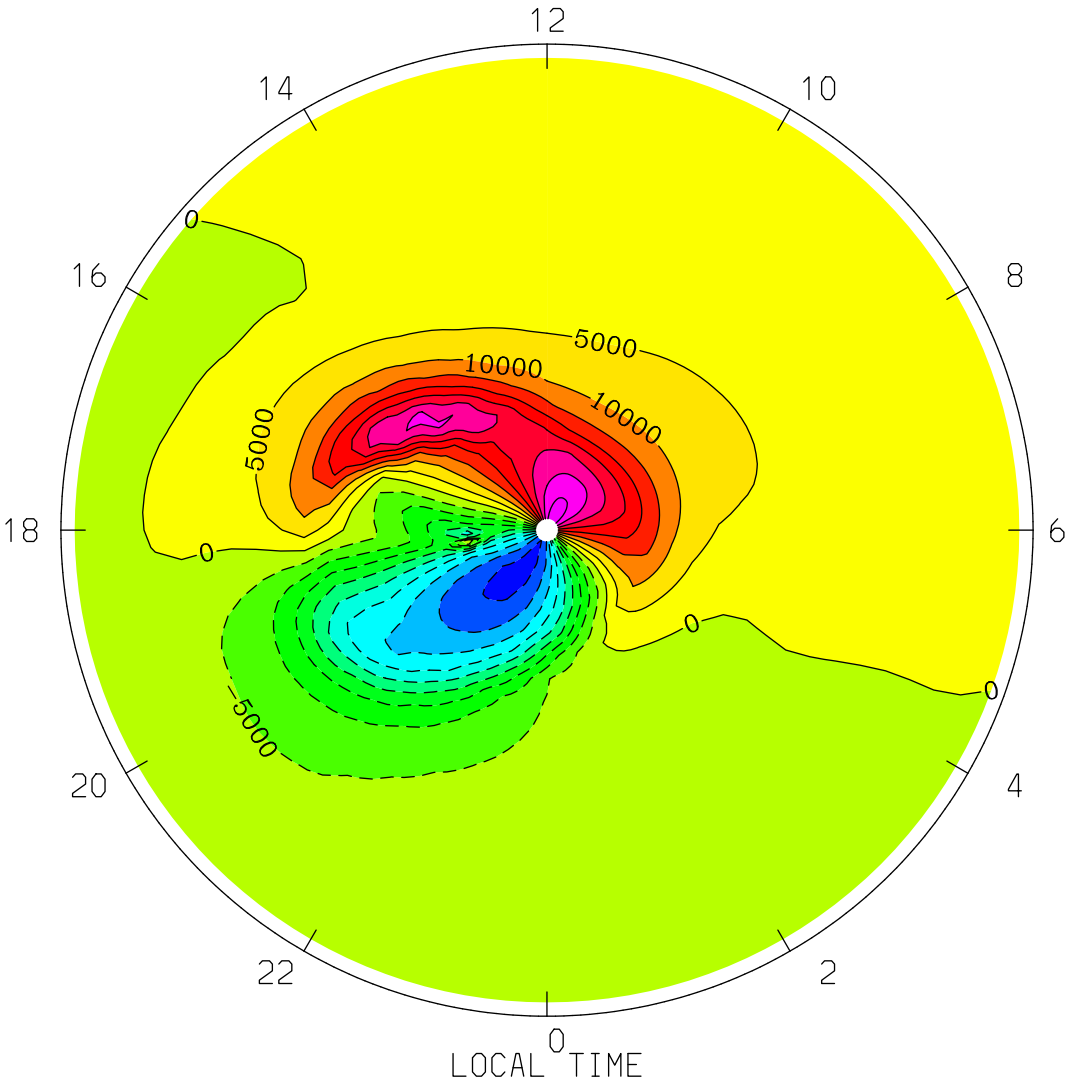


MIN,MAX= -4.7228E+04 4.4842E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

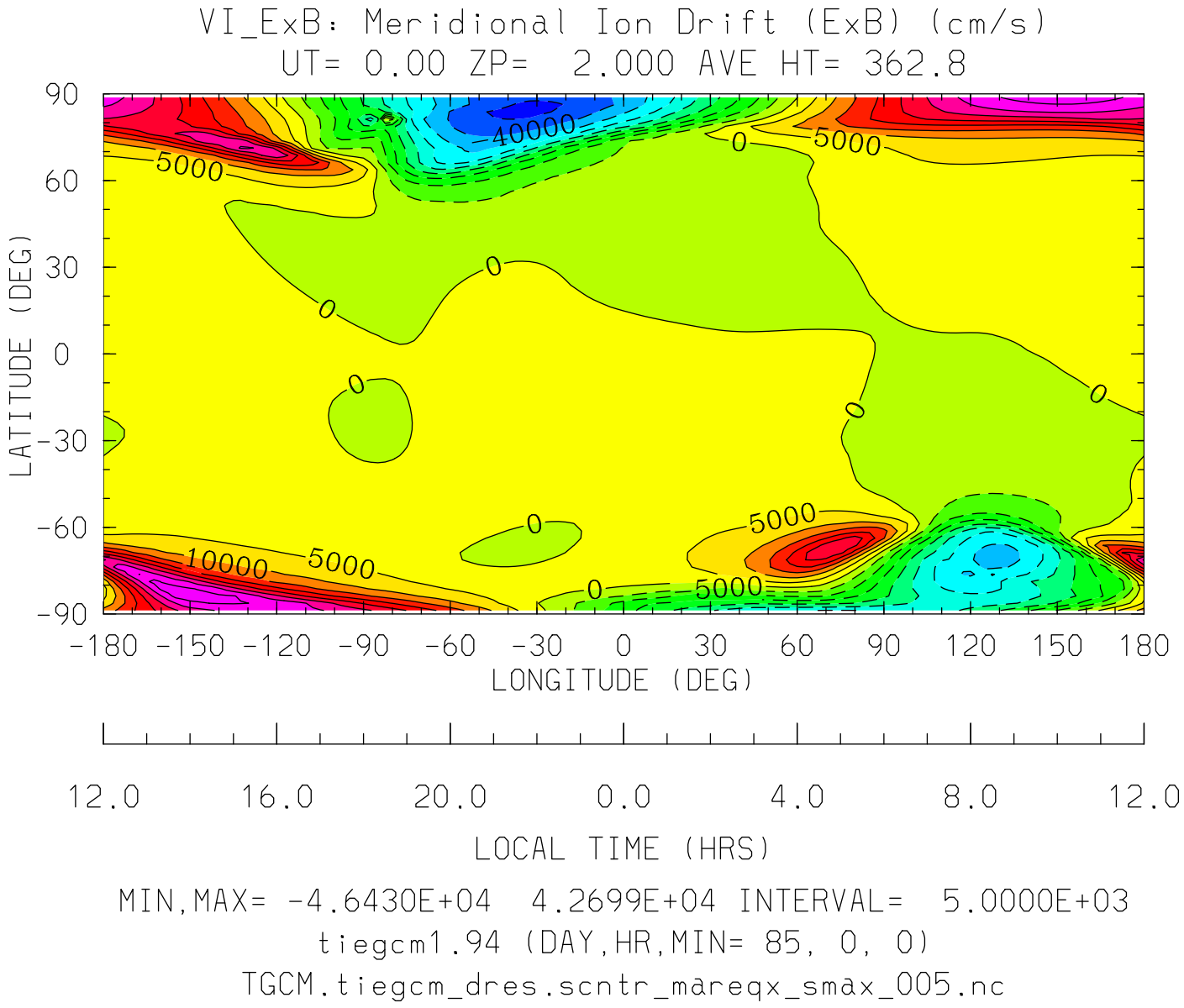

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
5000
5000
5000
20000
25000
0
0
5000
10000
0
MIN,MAX= -3.8217E+04 4.4842E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

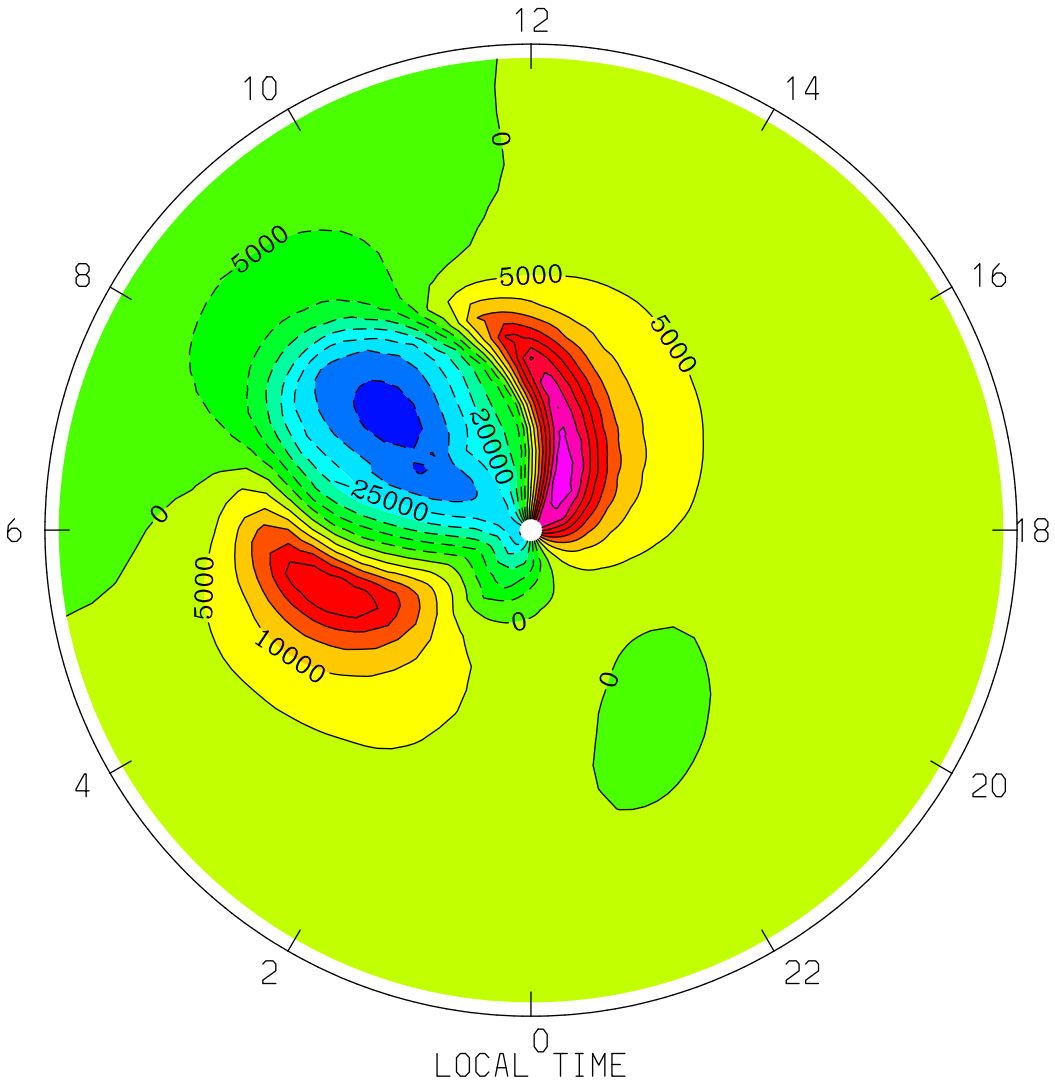


MIN,MAX= -4.7228E+04 4.3364E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

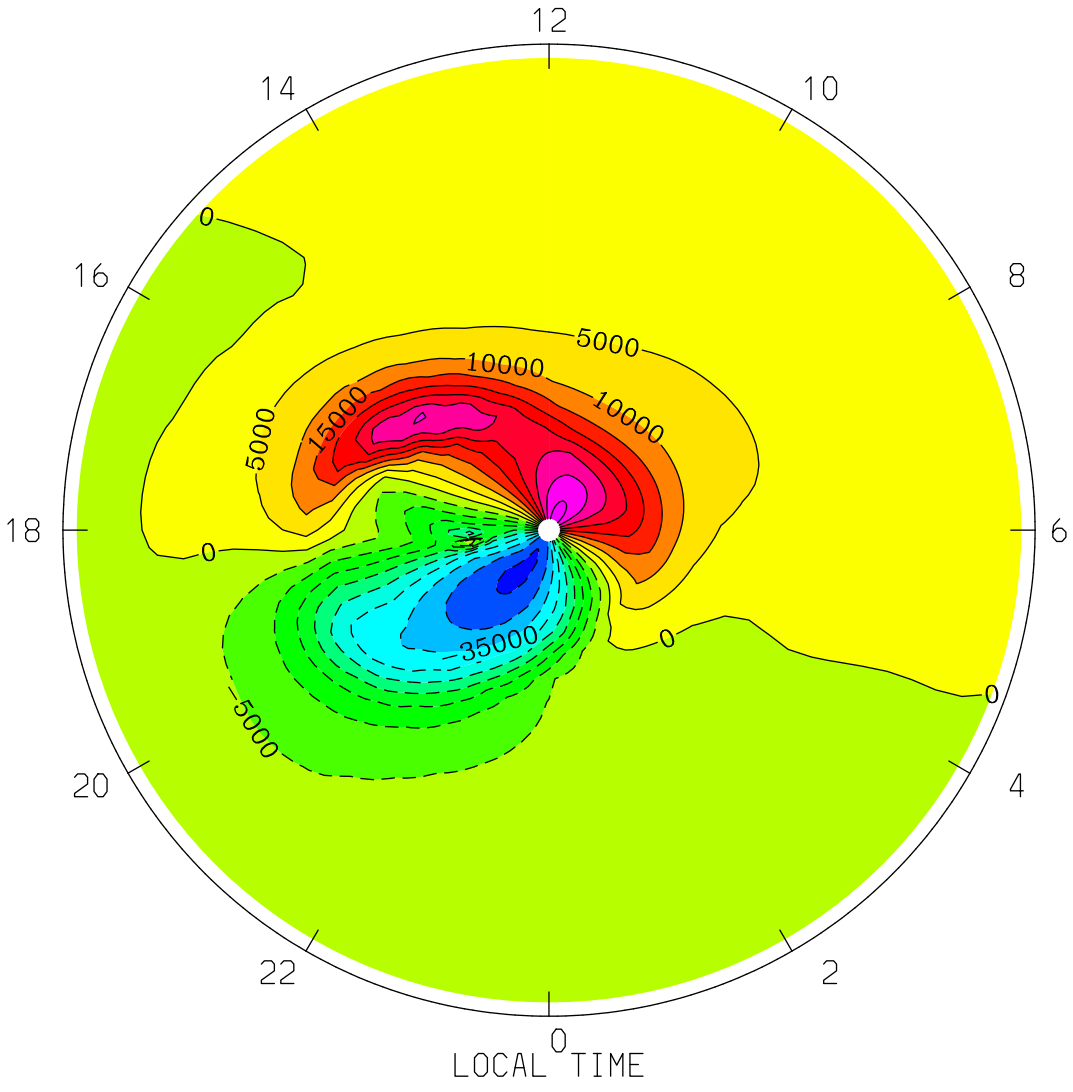

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 362.8
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
40000
5000
0
10000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.6430E+04 4.2699E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= -3.7525E+04 4.2545E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

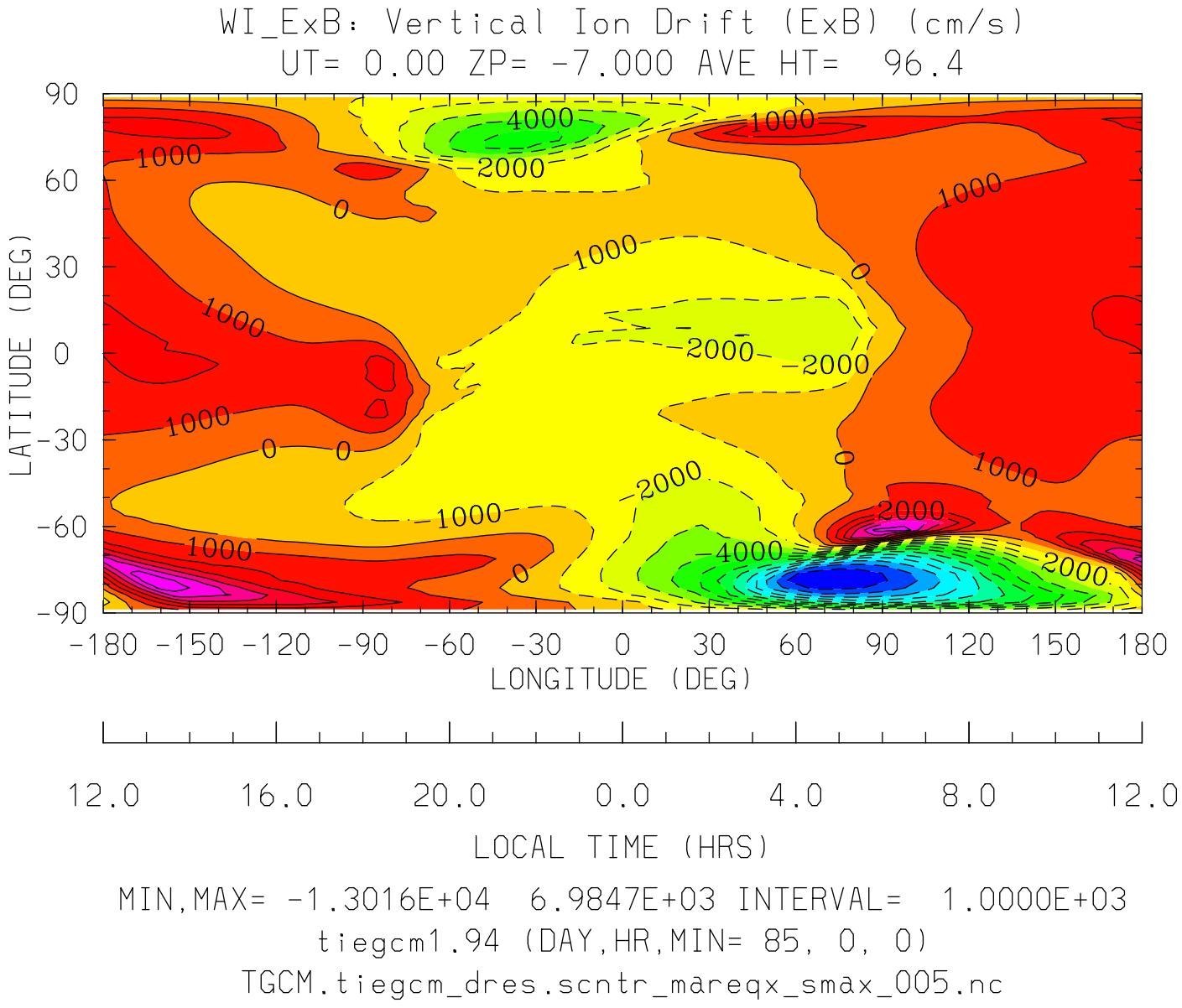
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

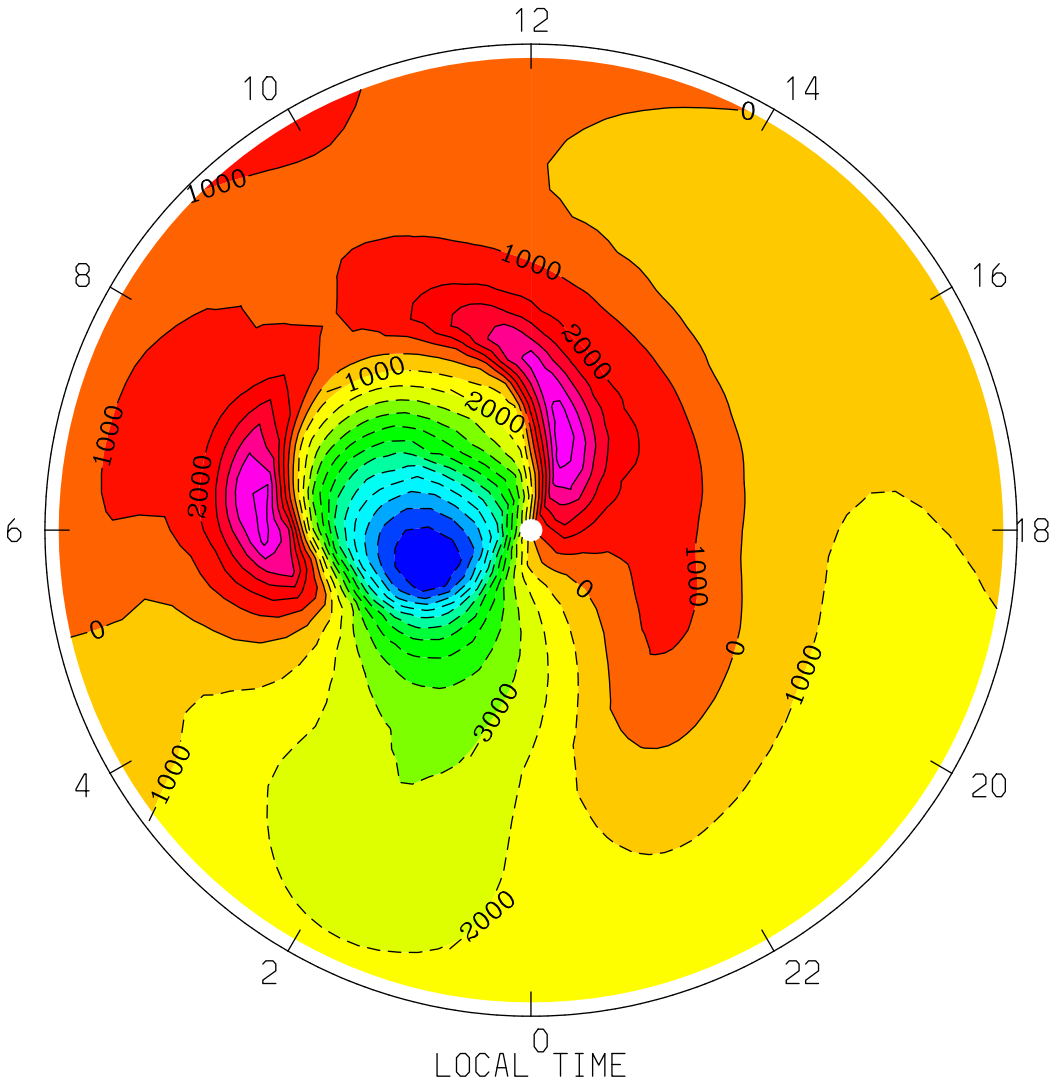


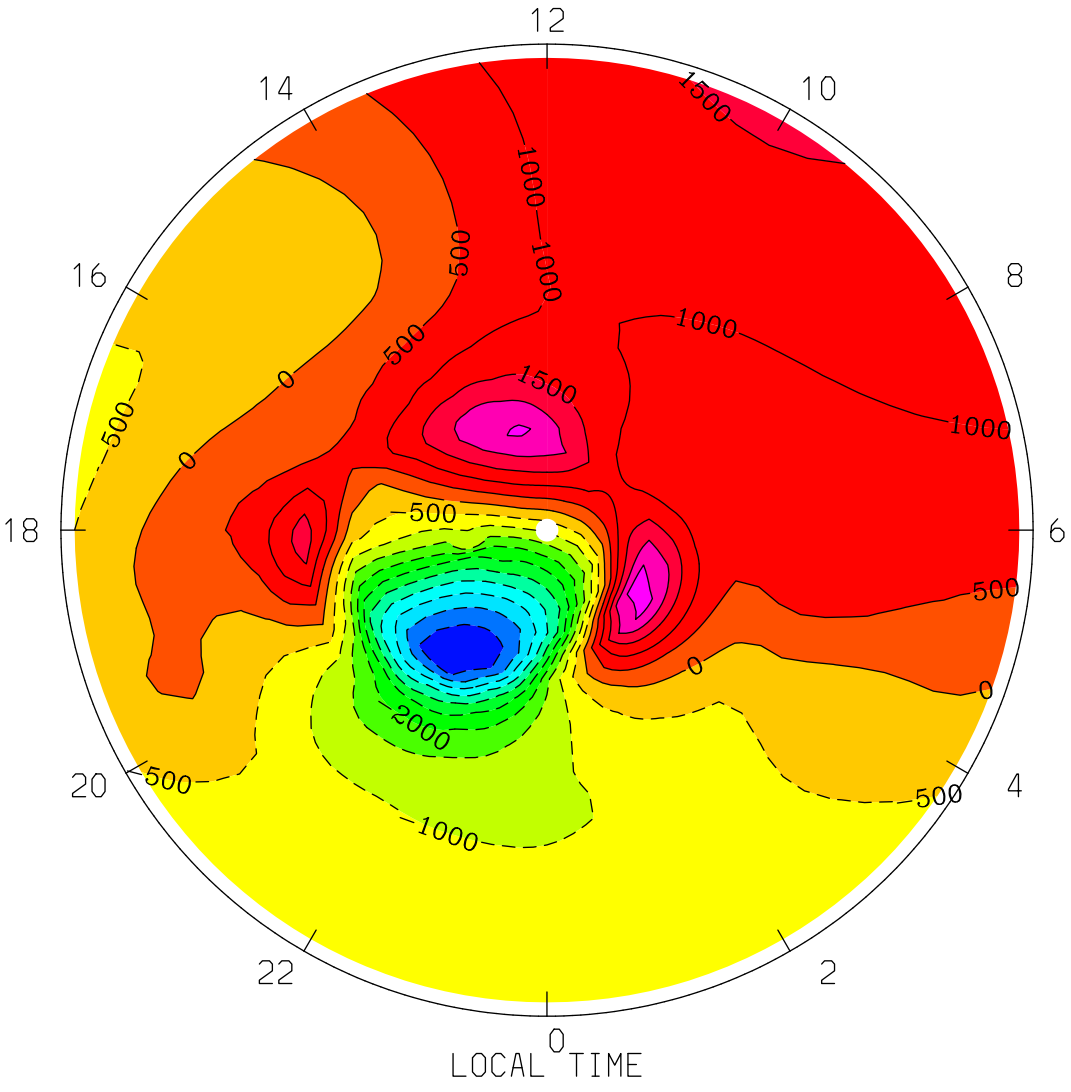
MIN,MAX= -4.6430E+04 4.2699E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_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= -1.3016E+04 6.9847E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

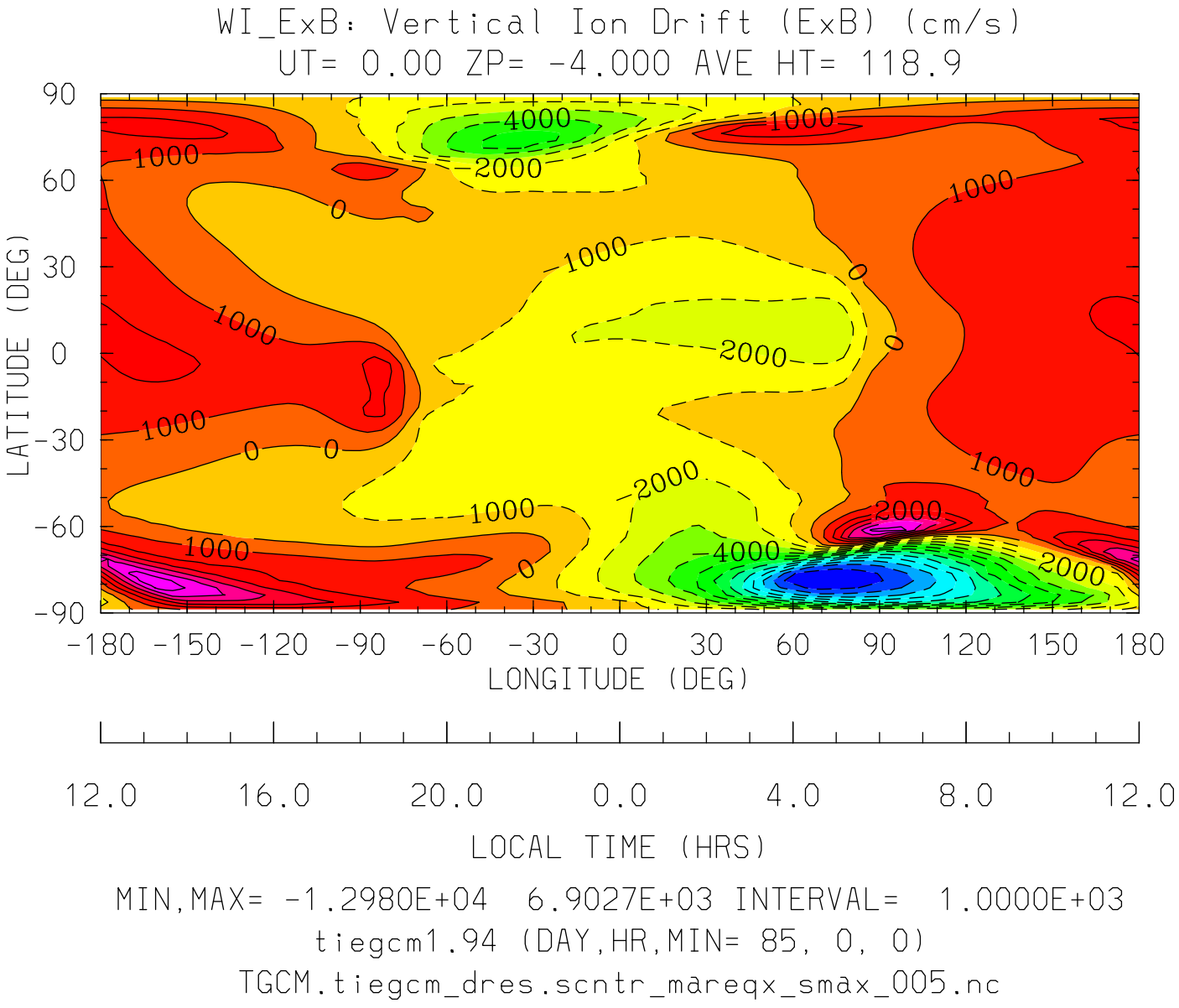

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
1000
2000
3000
MIN,MAX= -1.3016E+04 6.9847E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

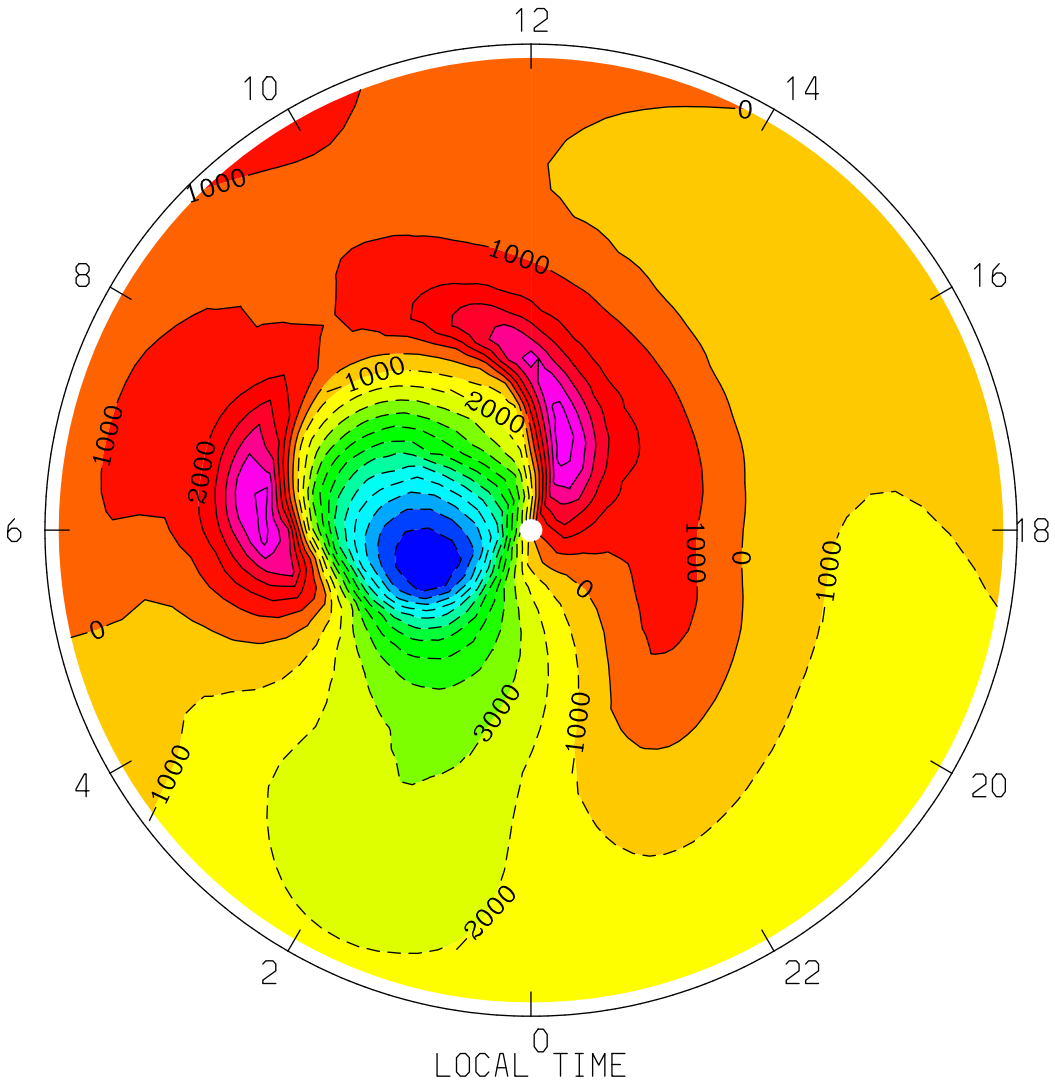


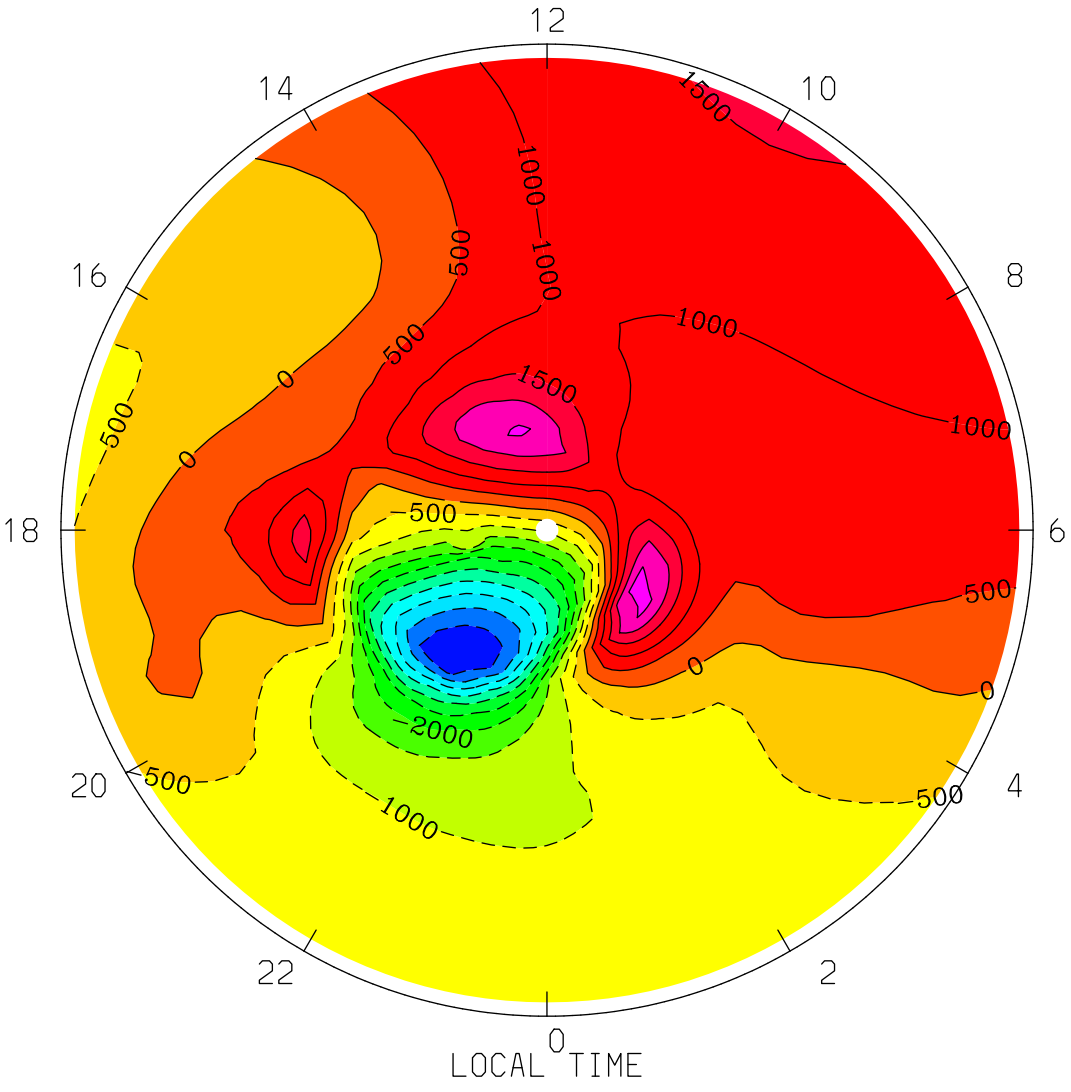
MIN,MAX= -5.4841E+03 2.6269E+03 INTERVAL= 5.0000E+02

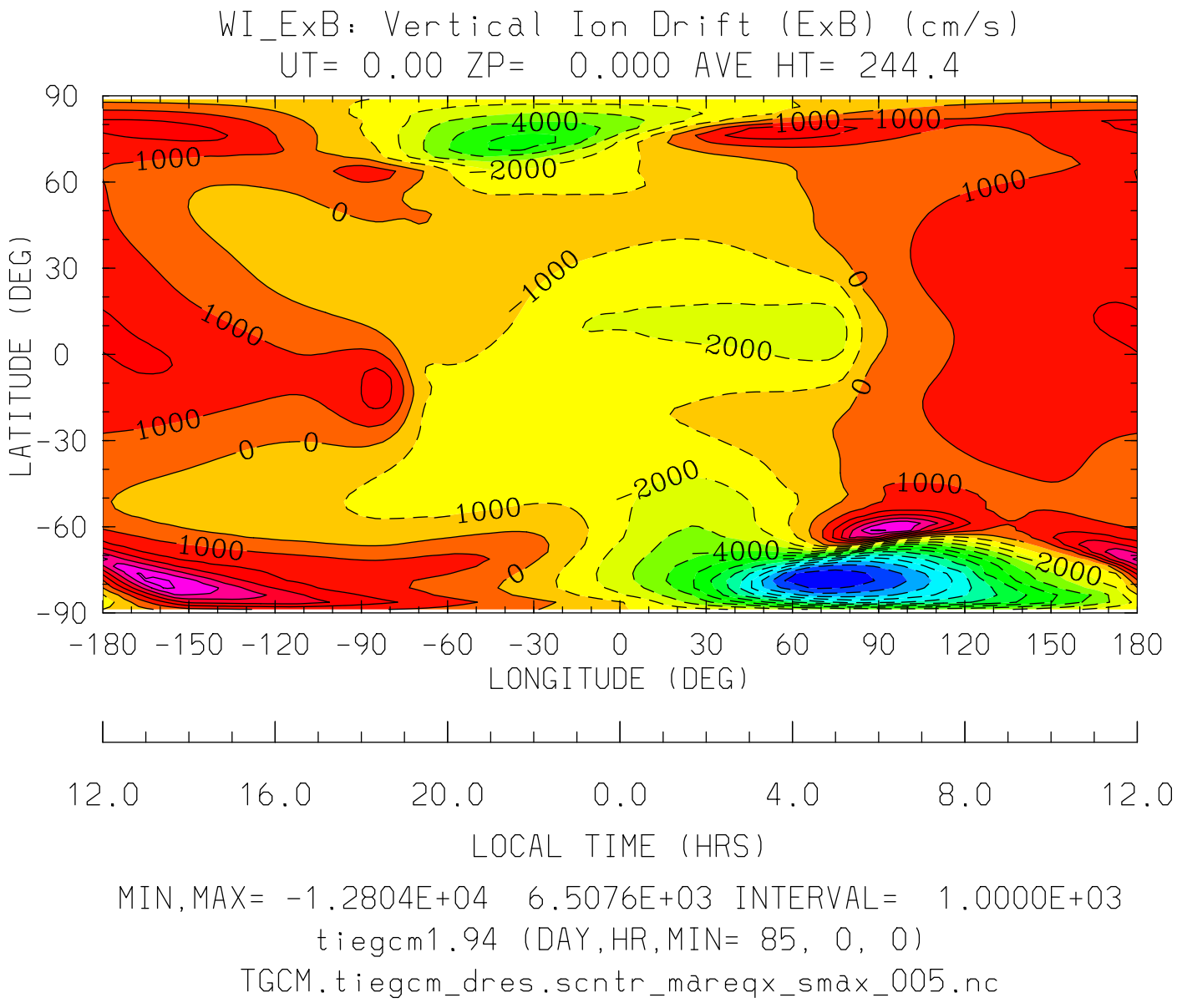
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

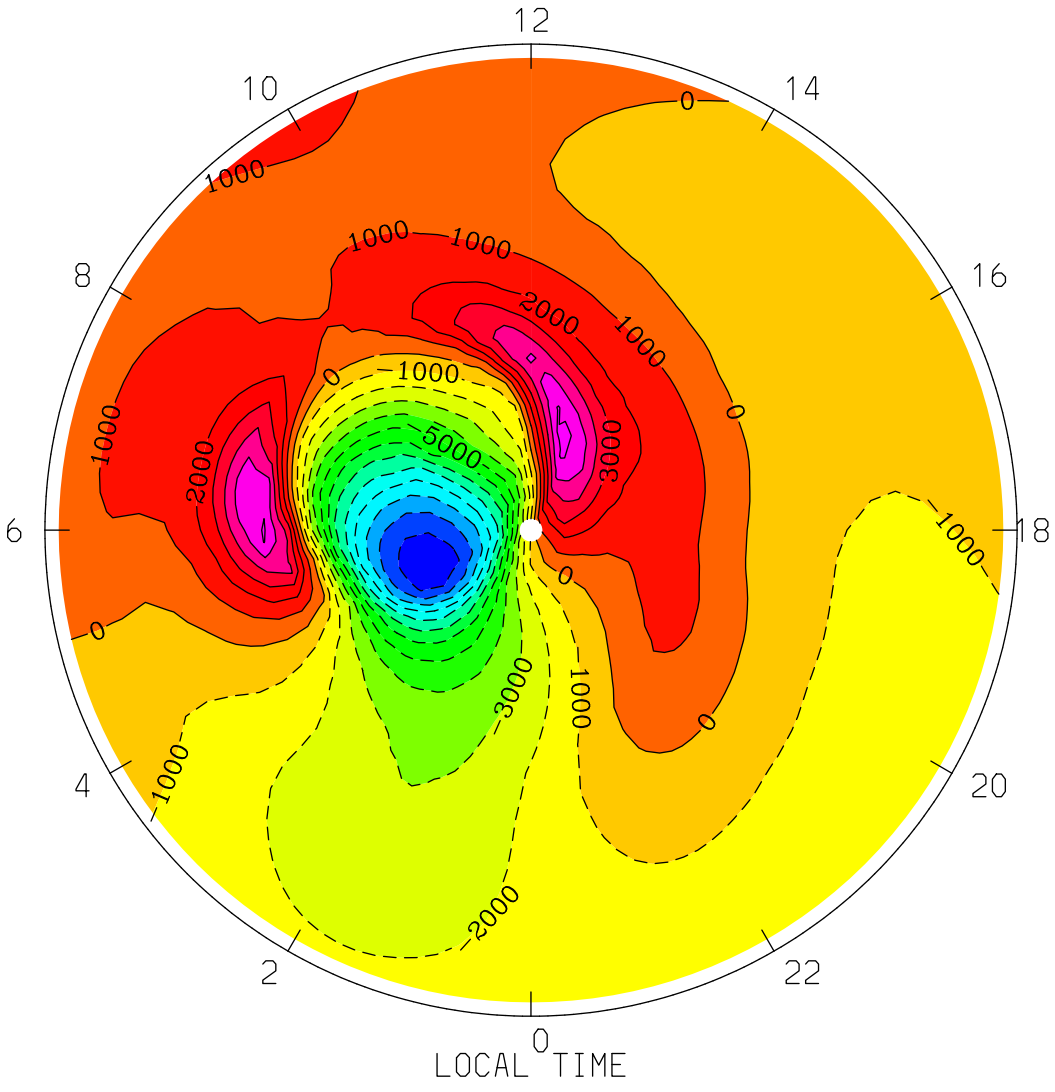
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 118.9
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= -1.2980E+04 6.9027E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
1000
2000
3000
MIN,MAX= -1.2980E+04 6.9027E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
1500
1000
500
0
-500
-1000
-2000
LOCAL TIME
MIN,MAX= -5.4688E+03 2.6039E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

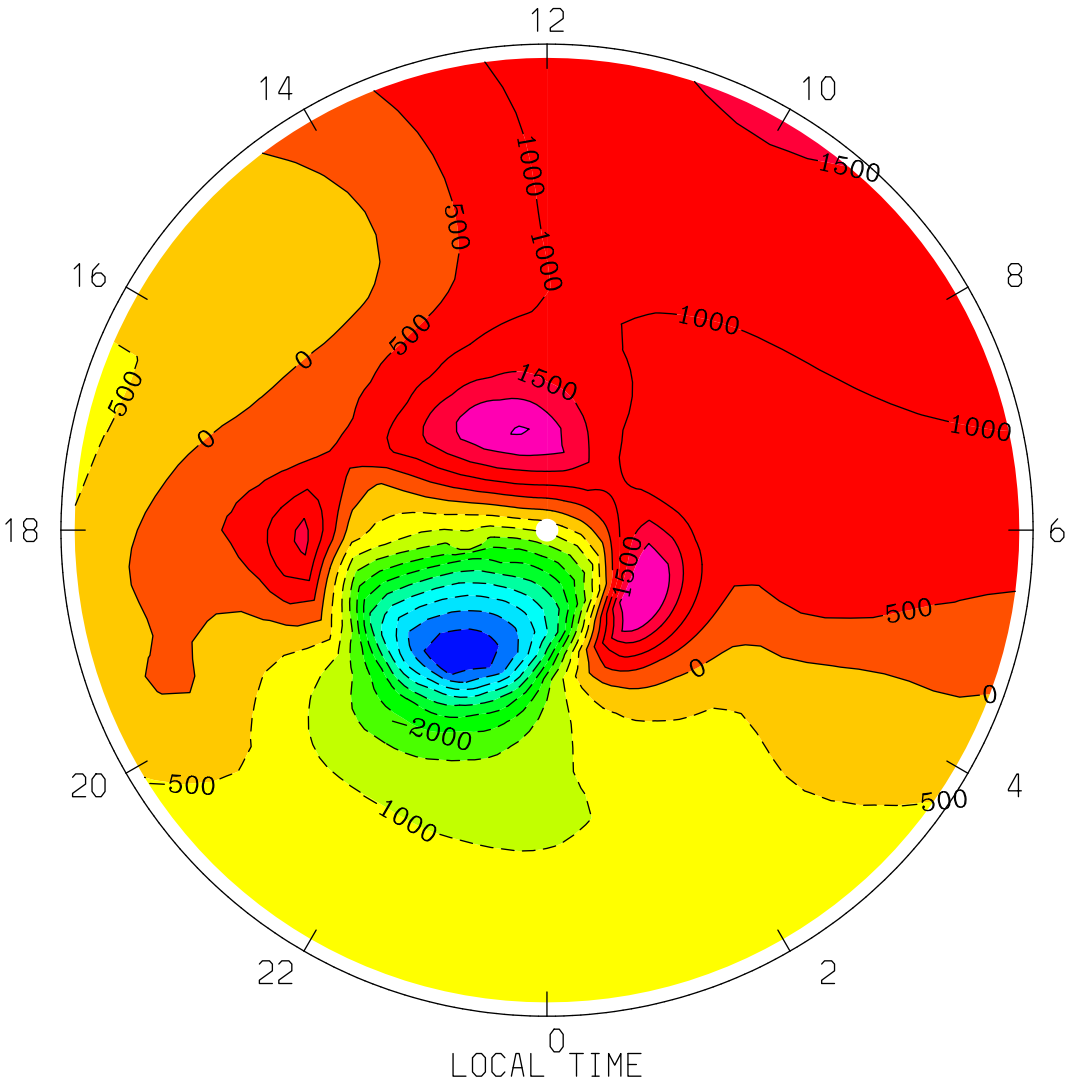

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 244.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.2804E+04 6.5076E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

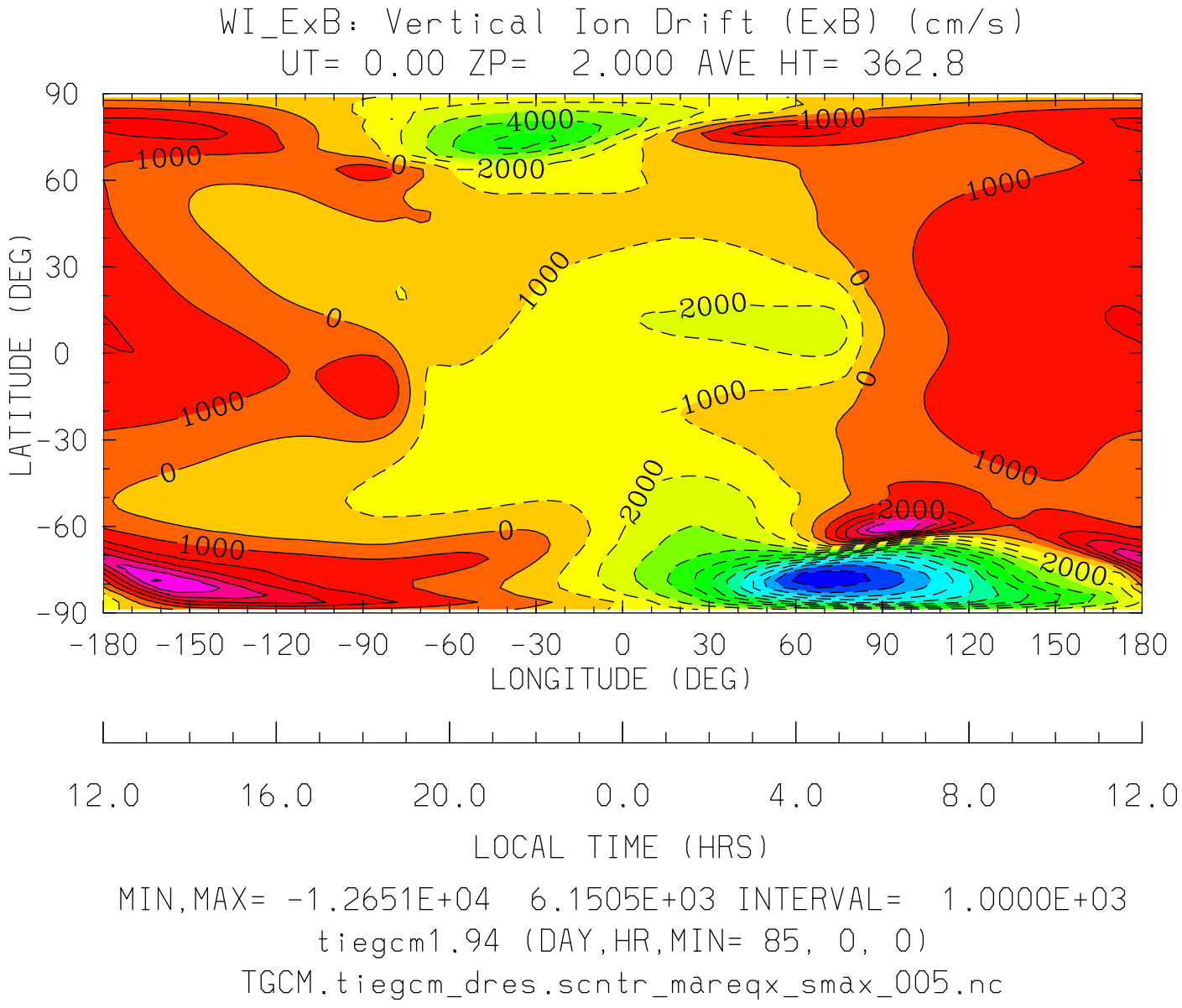


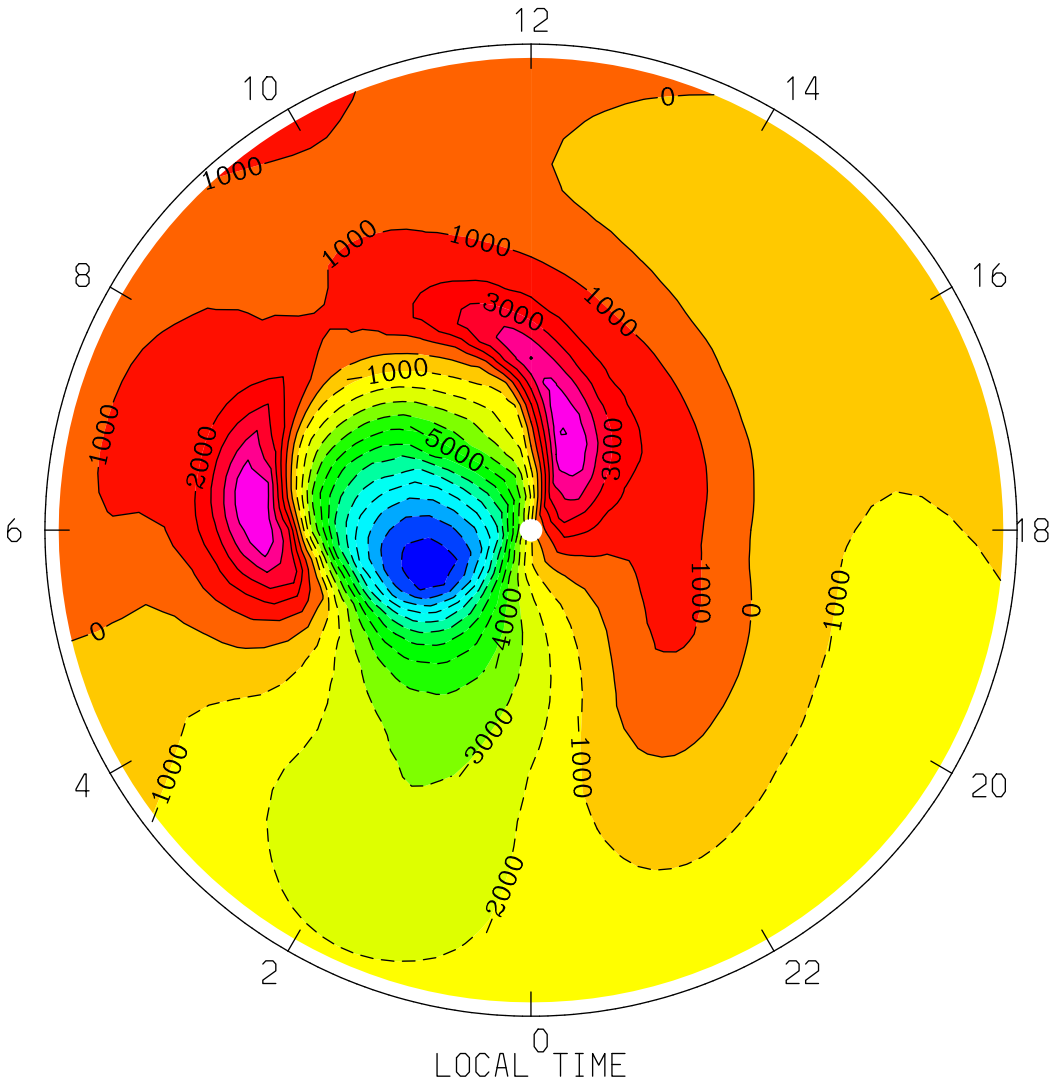
MIN,MAX= -1.2804E+04 6.5076E+03 INTERVAL= 1.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
-500
0
500
1000
1500
2000
MIN,MAX= -5.3954E+03 2.5735E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

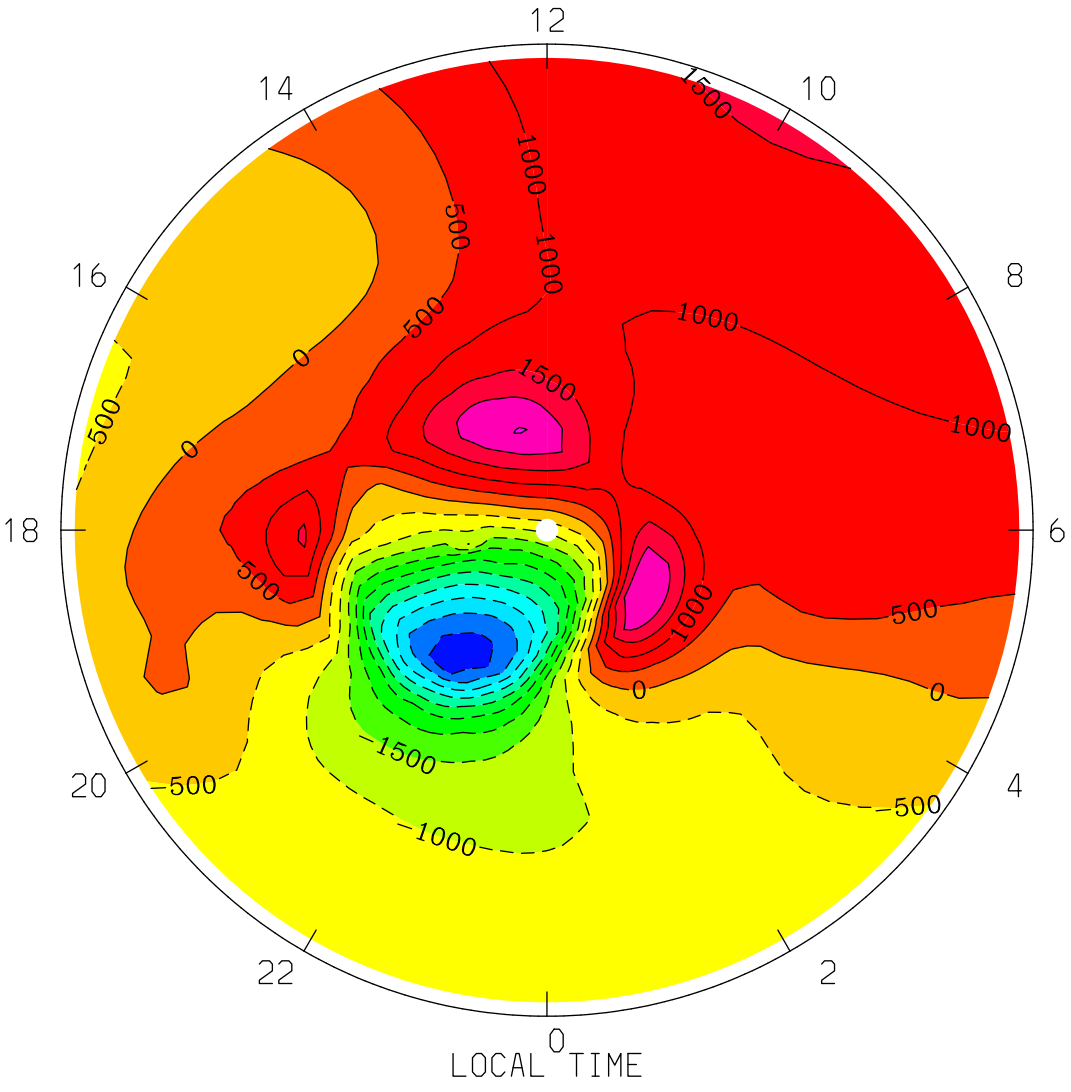

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 362.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
4000
2000
1000
0
MIN,MAX= -1.2651E+04 6.1505E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= -1.2651E+04 6.1505E+03 INTERVAL= 1.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

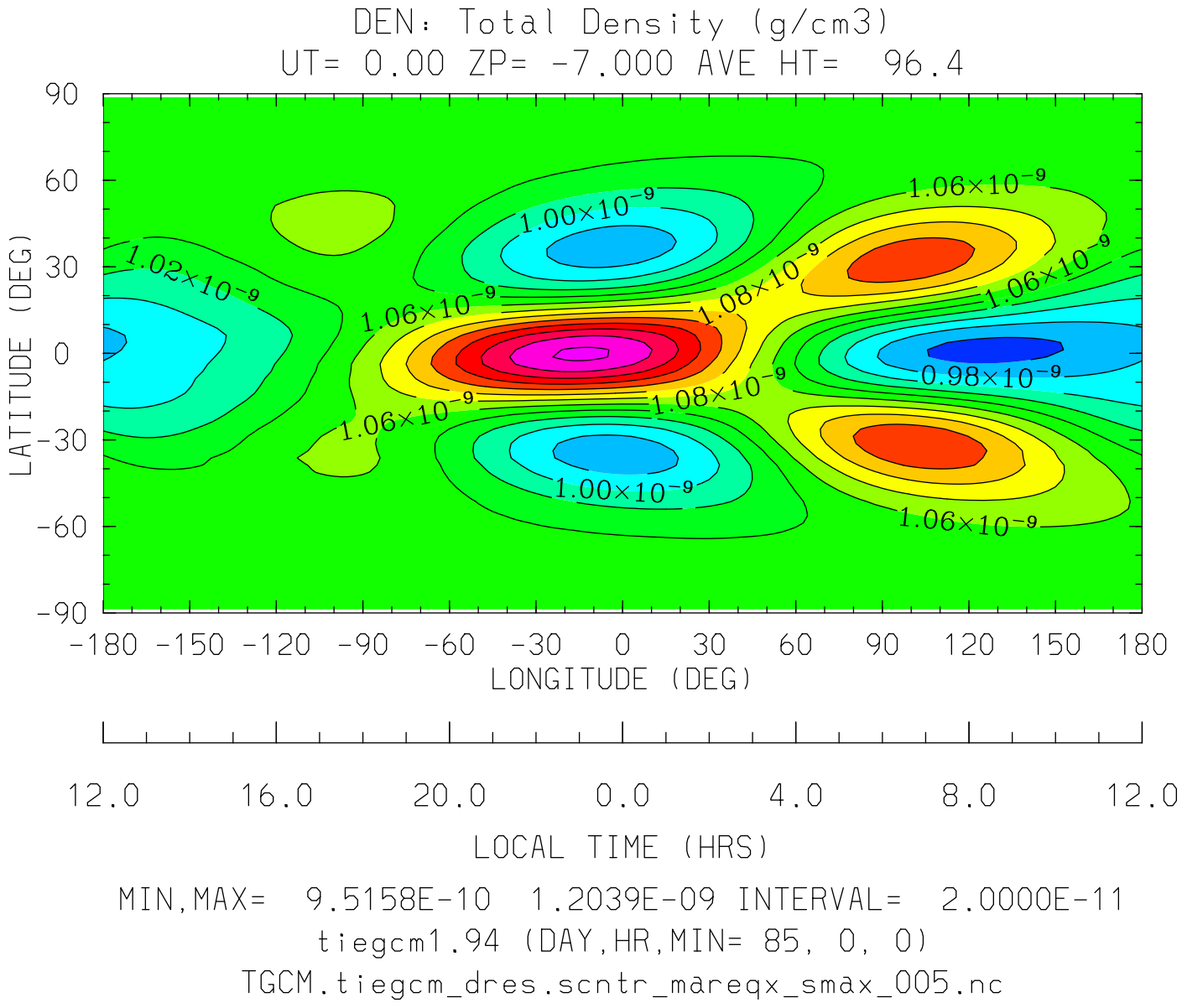
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= -5.3312E+03 2.5453E+03 INTERVAL= 5.0000E+02

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

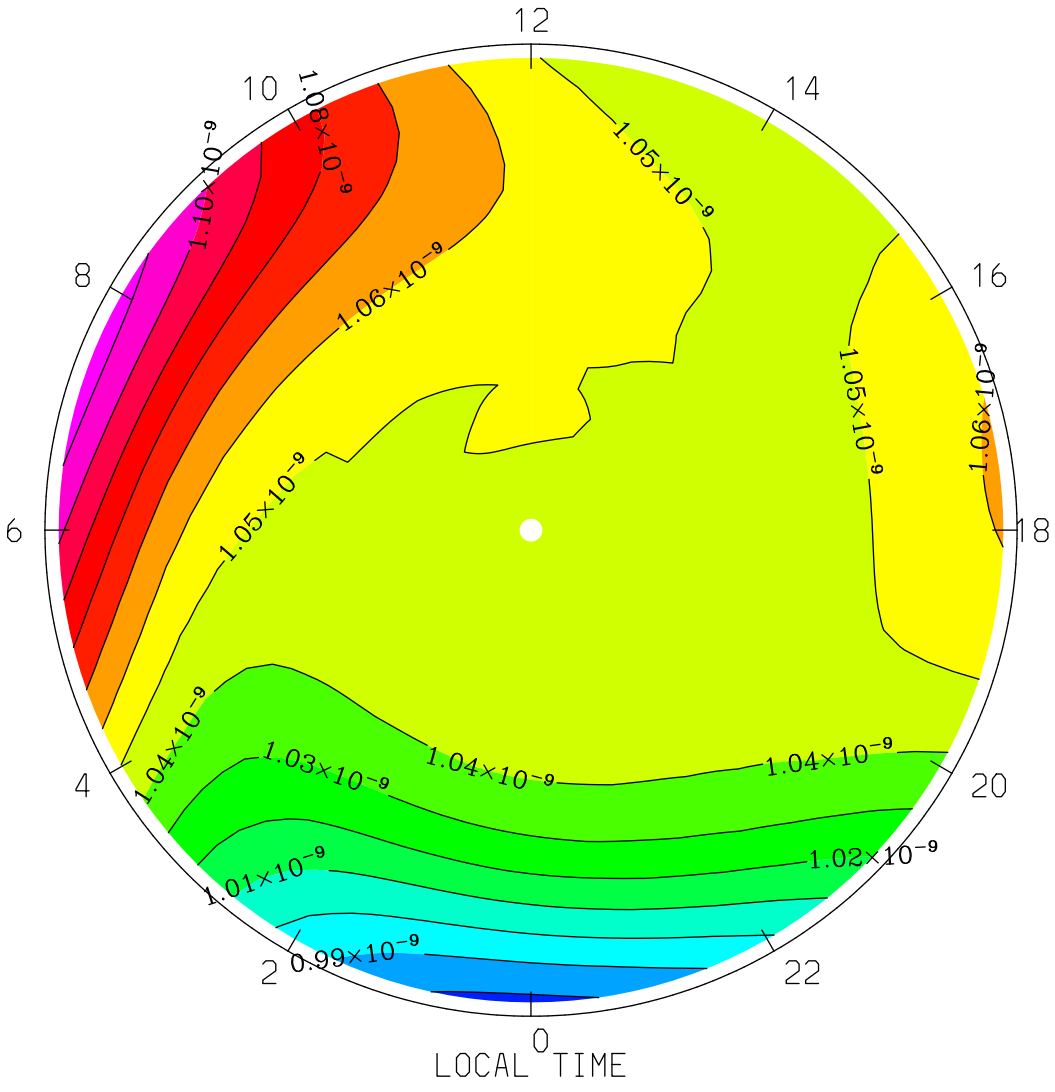
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 9.5158E-10 1.2039E-09 INTERVAL= 2.0000E-11

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

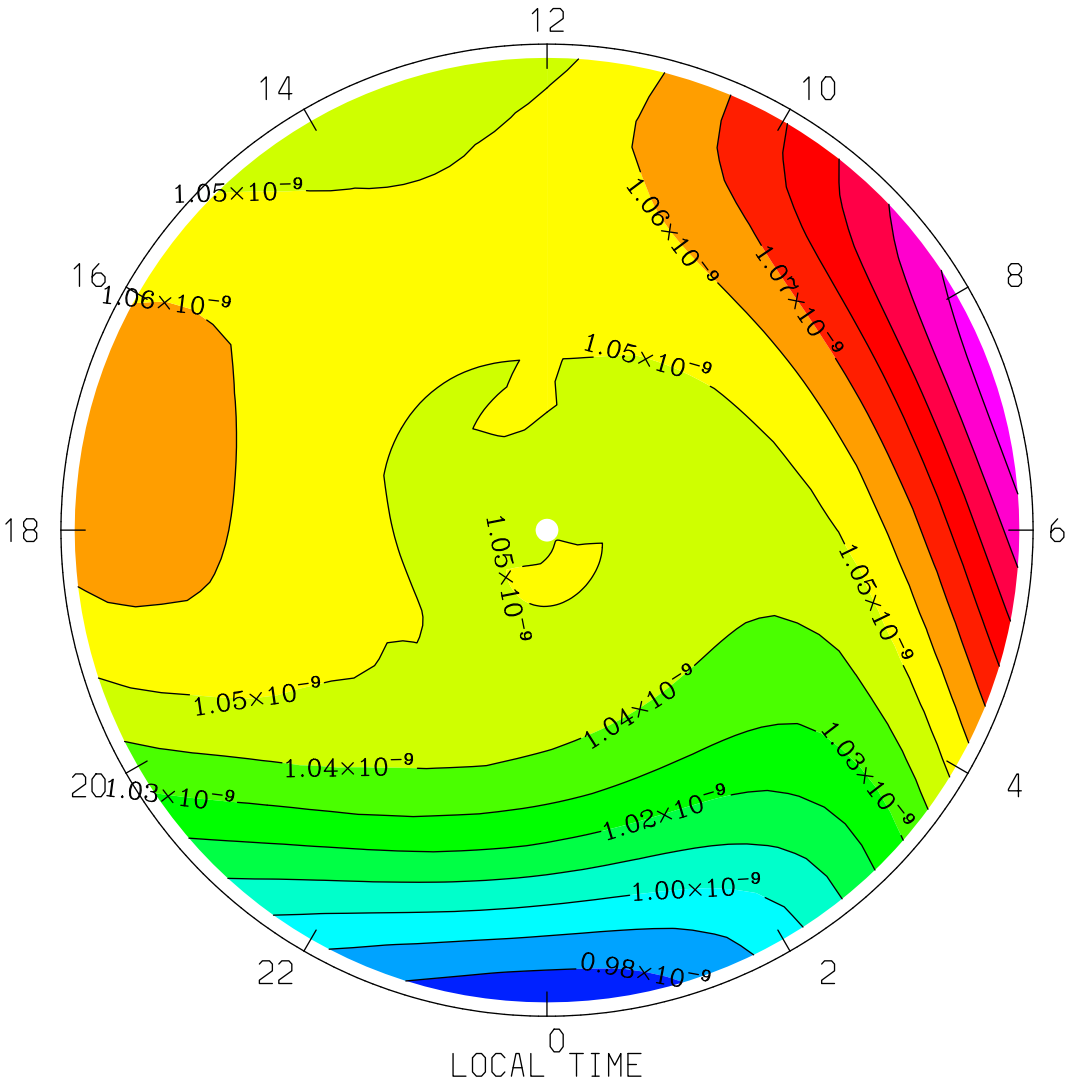
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 9.7752E-10 1.1155E-09 INTERVAL= 1.0000E-11

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

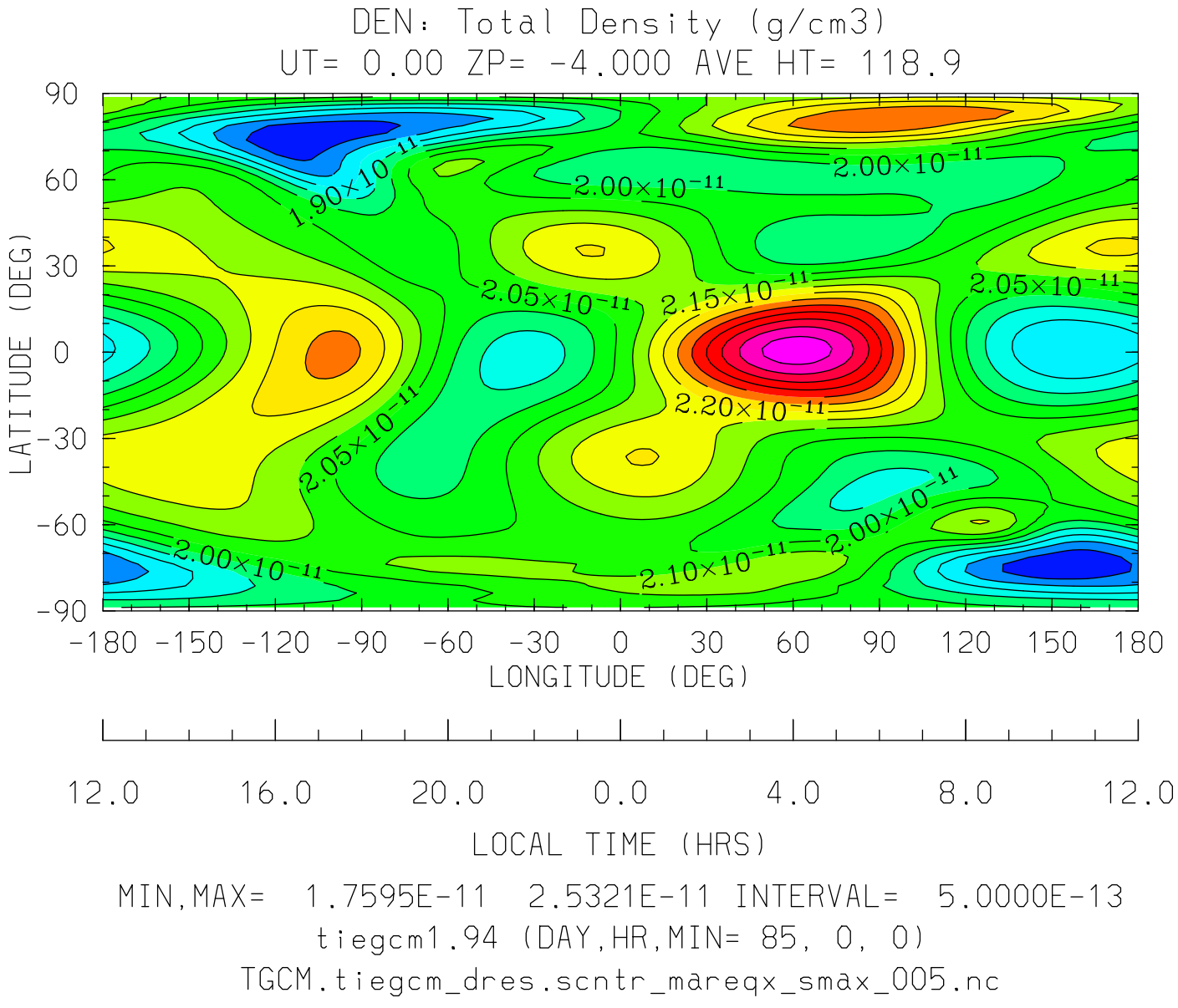
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 9.7270E-10 1.1161E-09 INTERVAL= 1.0000E-11

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

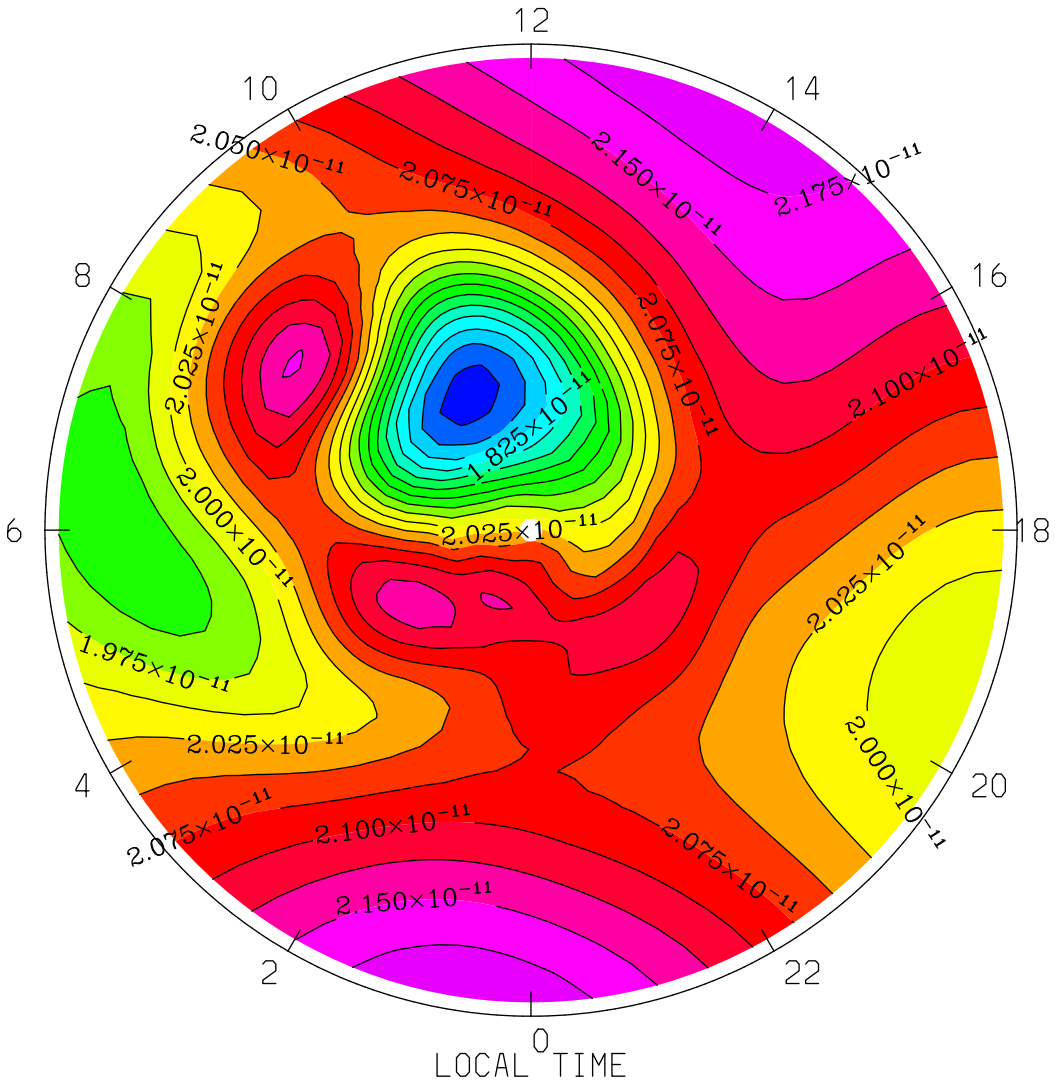
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.7595E-11 2.5321E-11 INTERVAL= 5.0000E-13

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

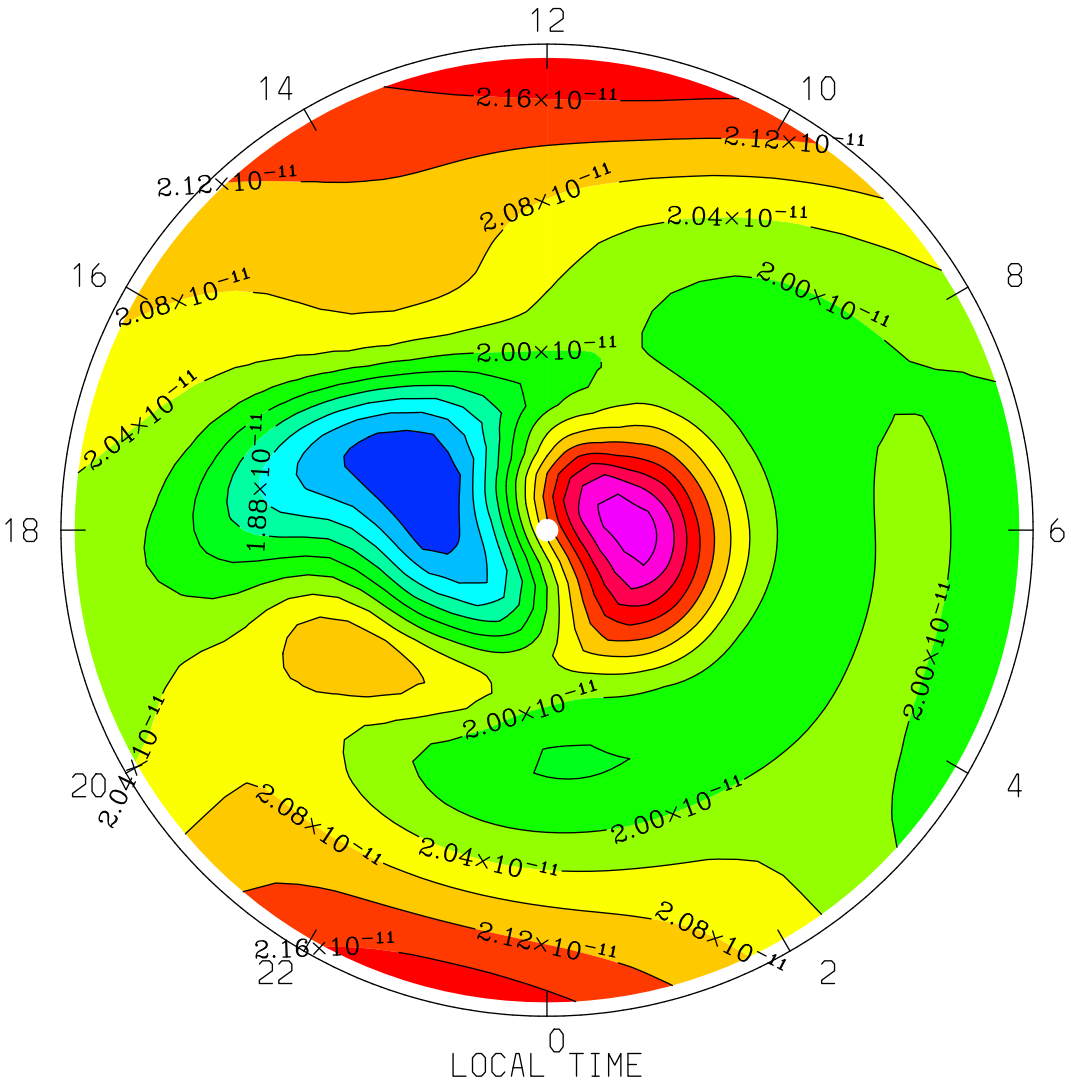
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.7619E-11 2.1956E-11 INTERVAL= 2.5000E-13

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

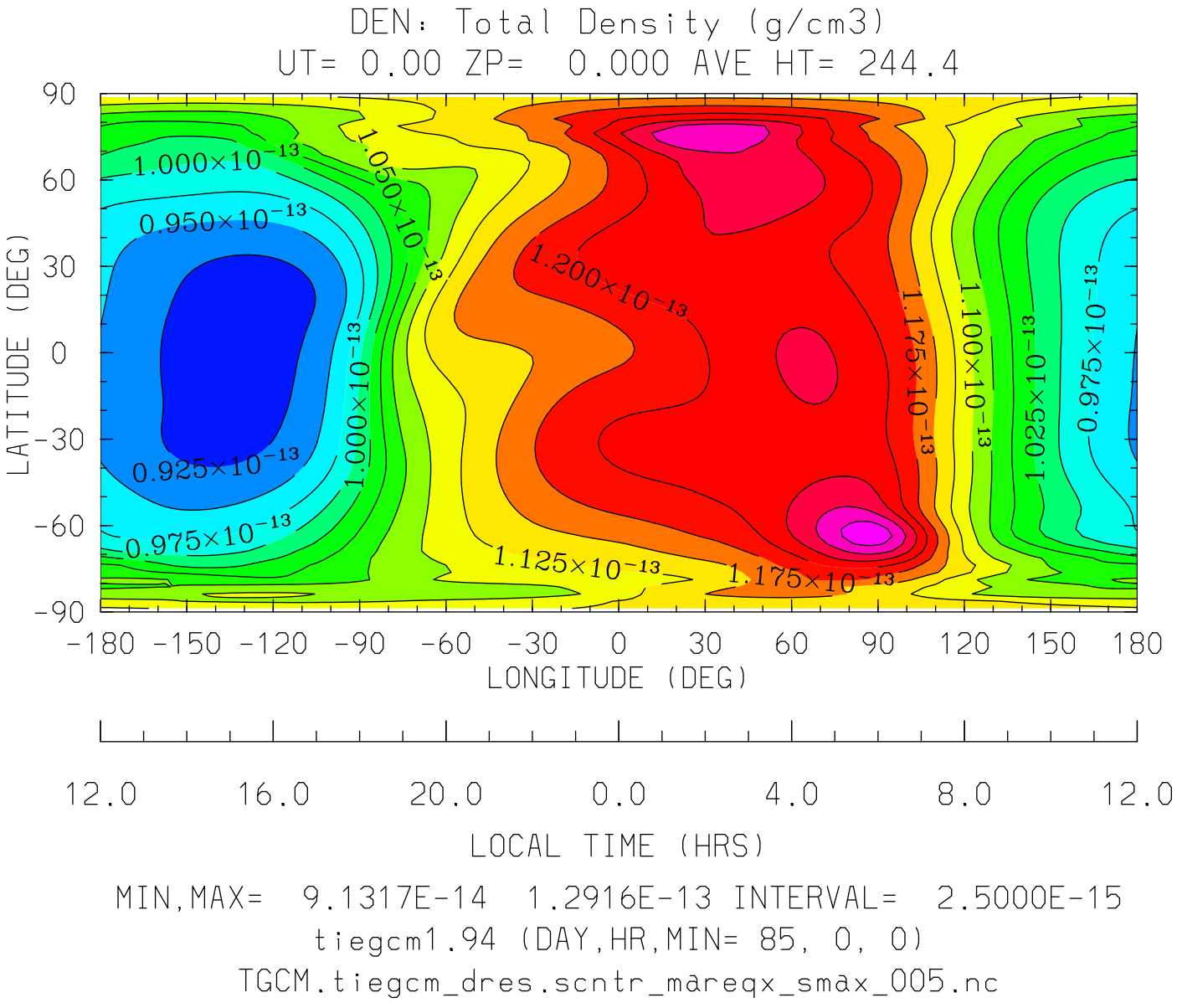
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.7595E-11 2.2990E-11 INTERVAL= 4.0000E-13

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

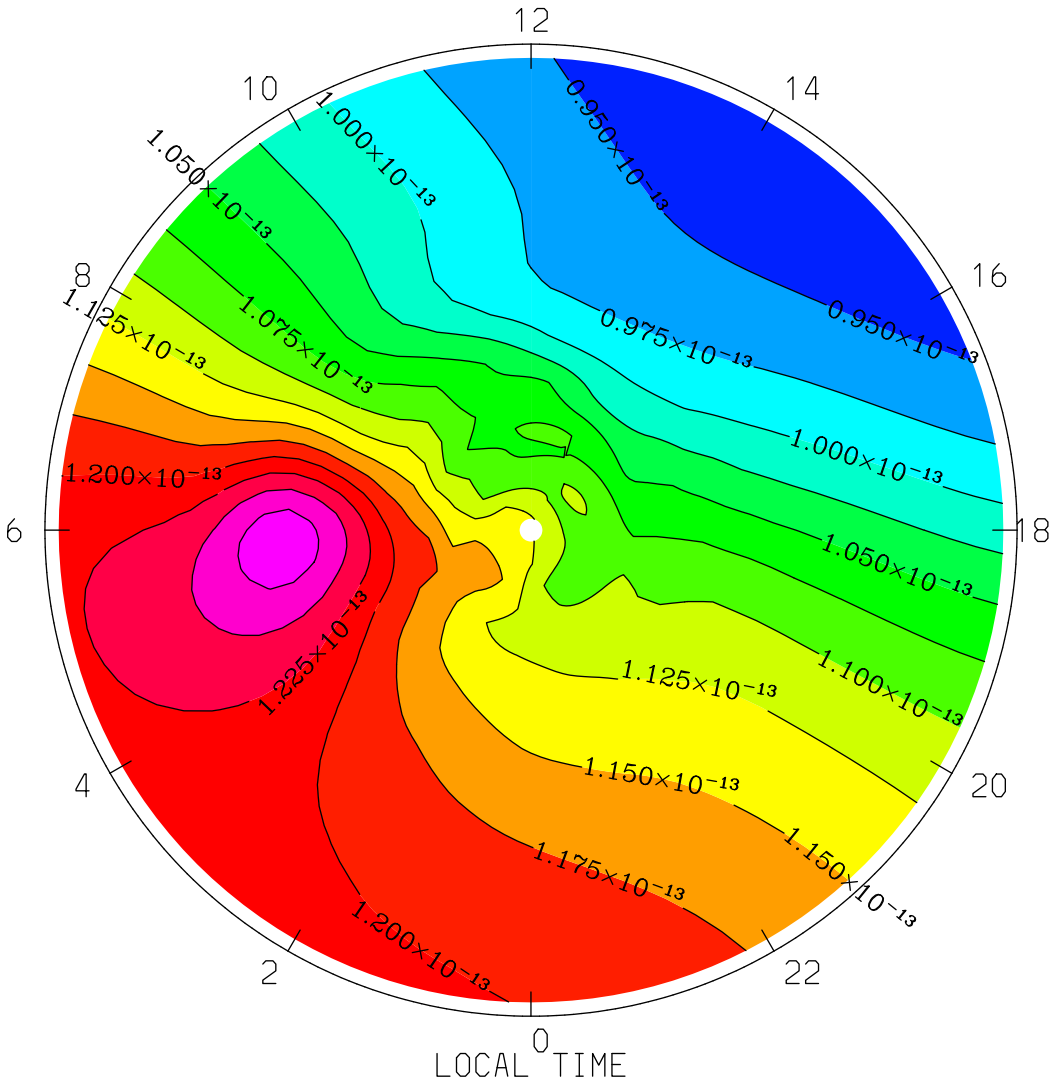
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 9.1317E-14 1.2916E-13 INTERVAL= 2.5000E-15

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

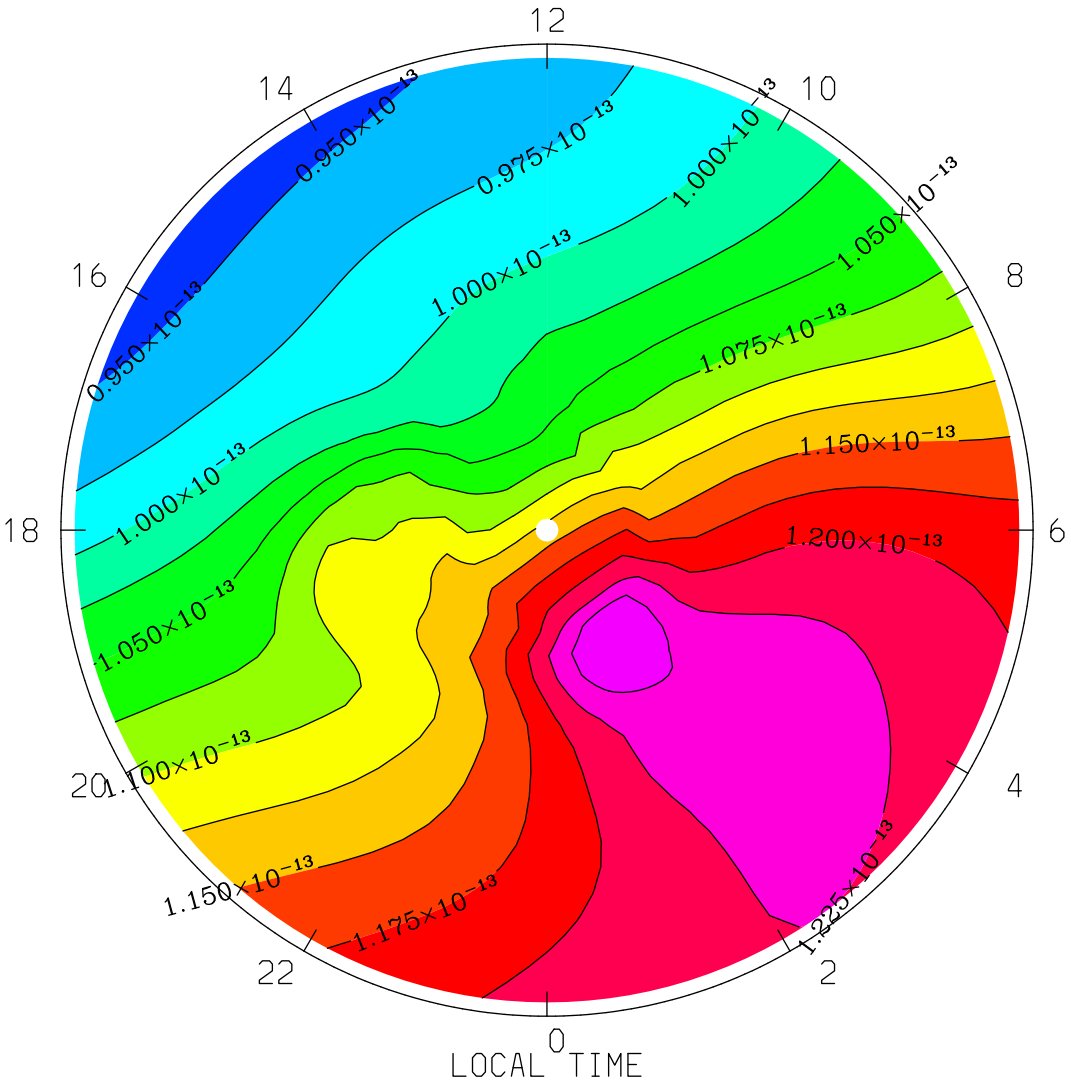
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 9.2681E-14 1.2916E-13 INTERVAL= 2.5000E-15

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

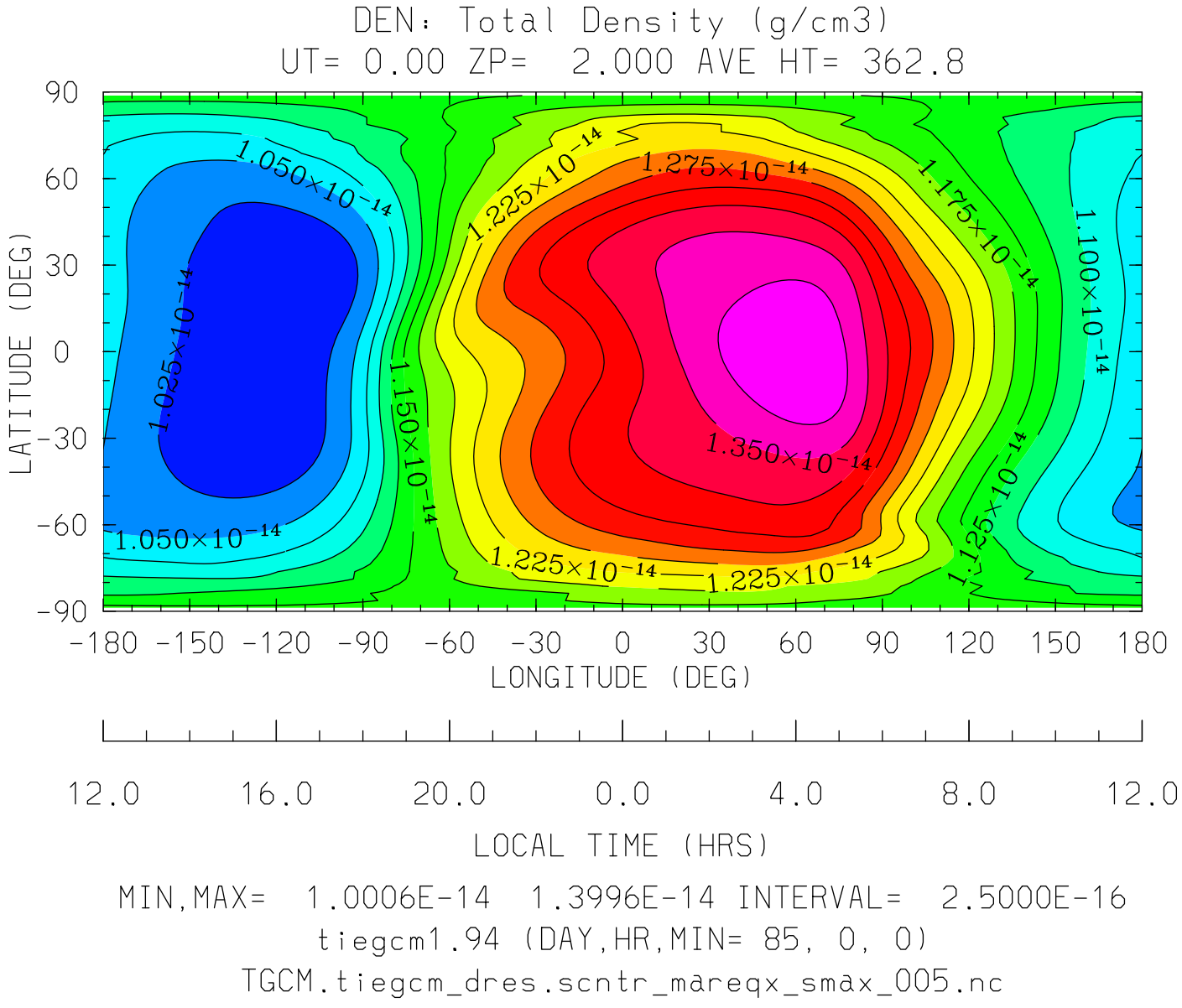
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 9.3844E-14 1.2730E-13 INTERVAL= 2.5000E-15

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

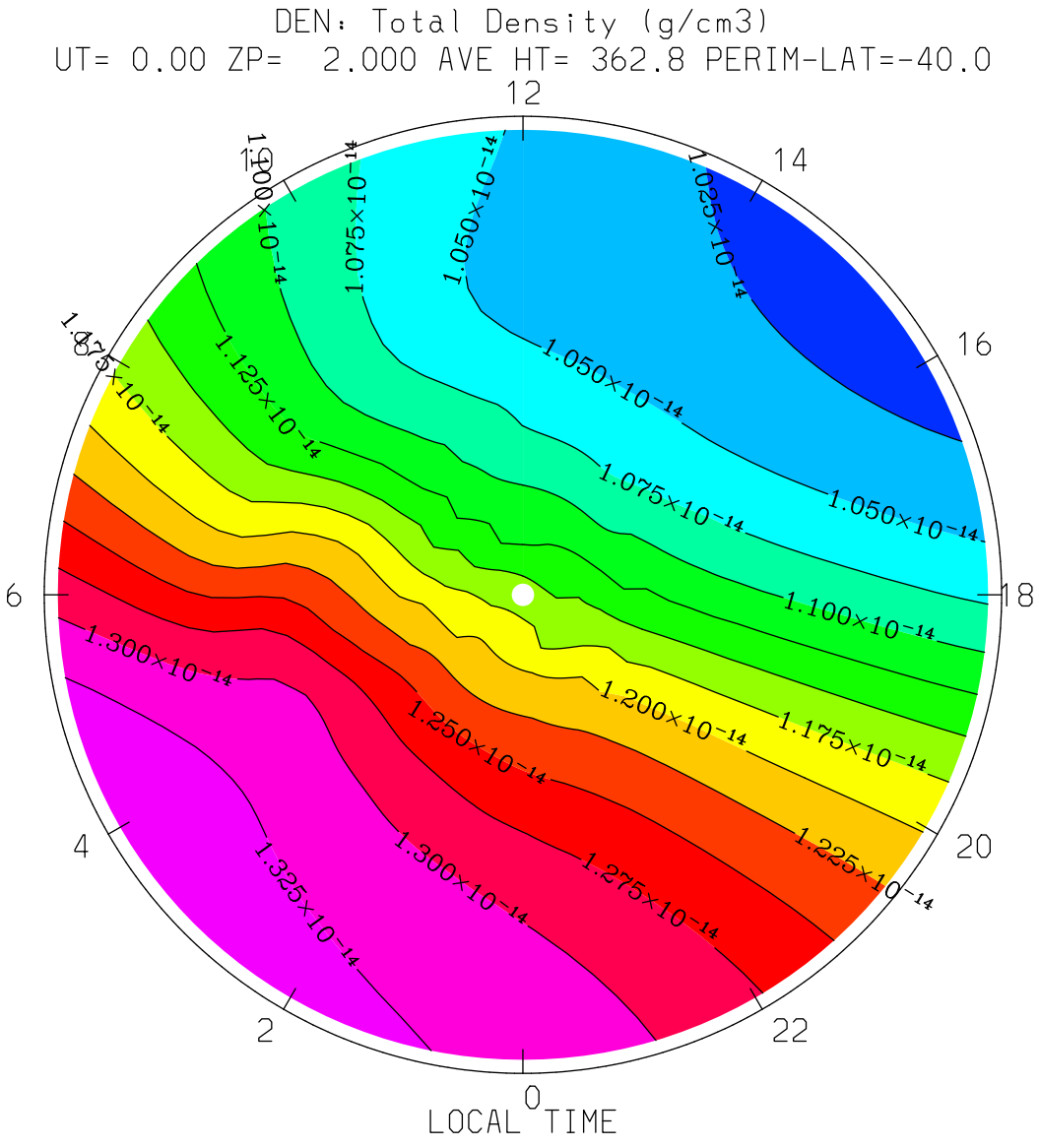
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.0006E-14 1.3996E-14 INTERVAL= 2.5000E-16

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

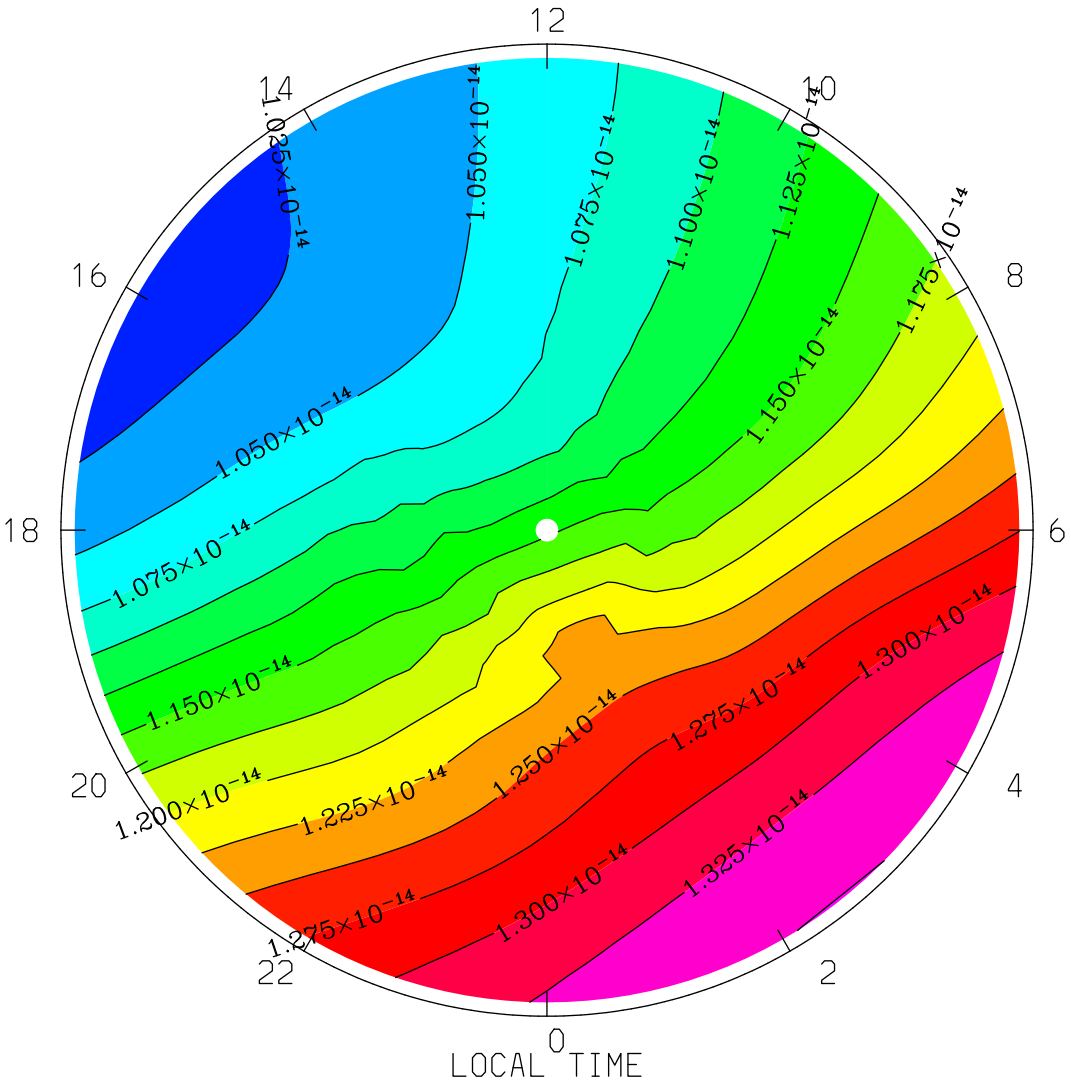
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.0126E-14 1.3426E-14 INTERVAL= 2.5000E-16

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

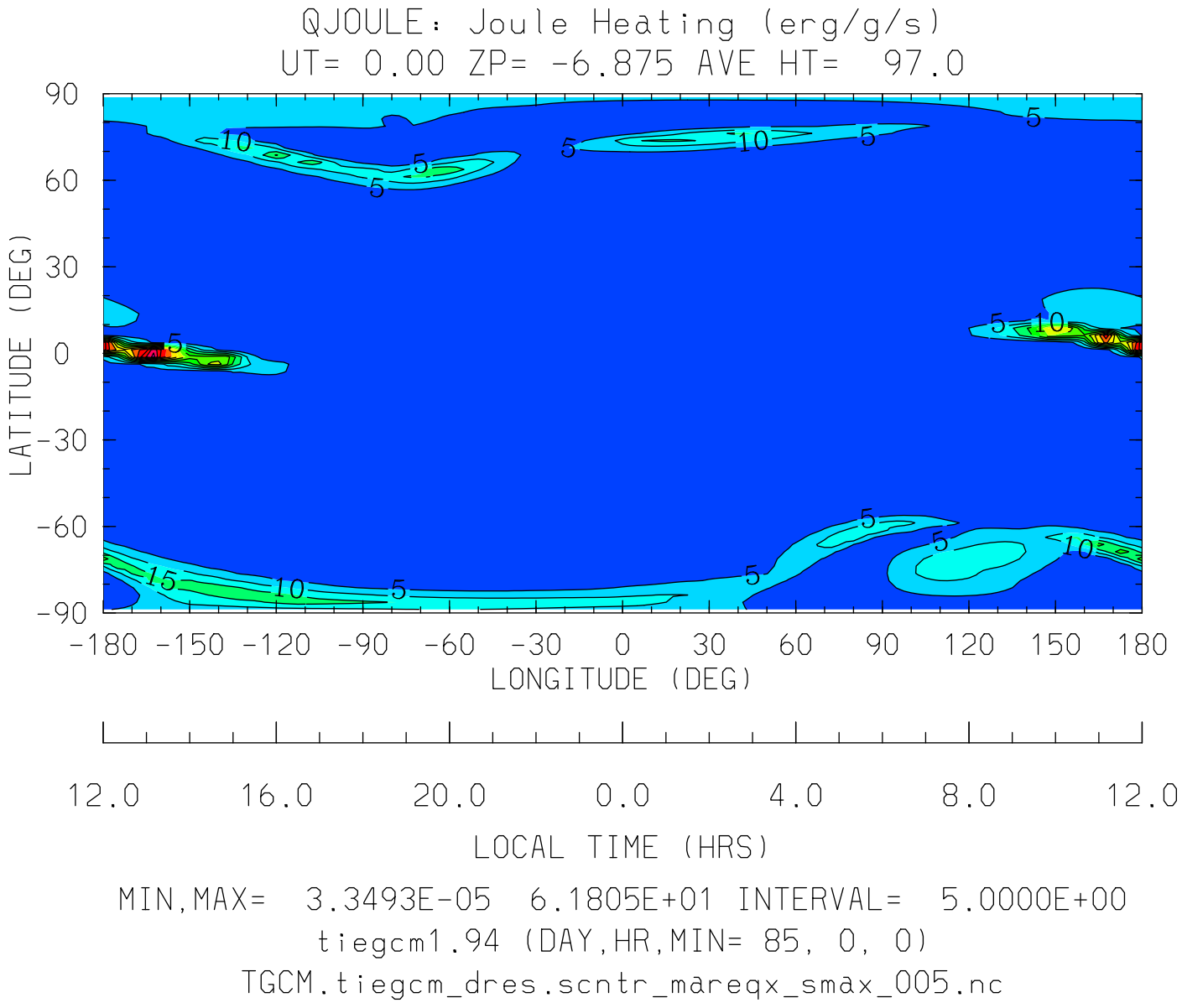
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

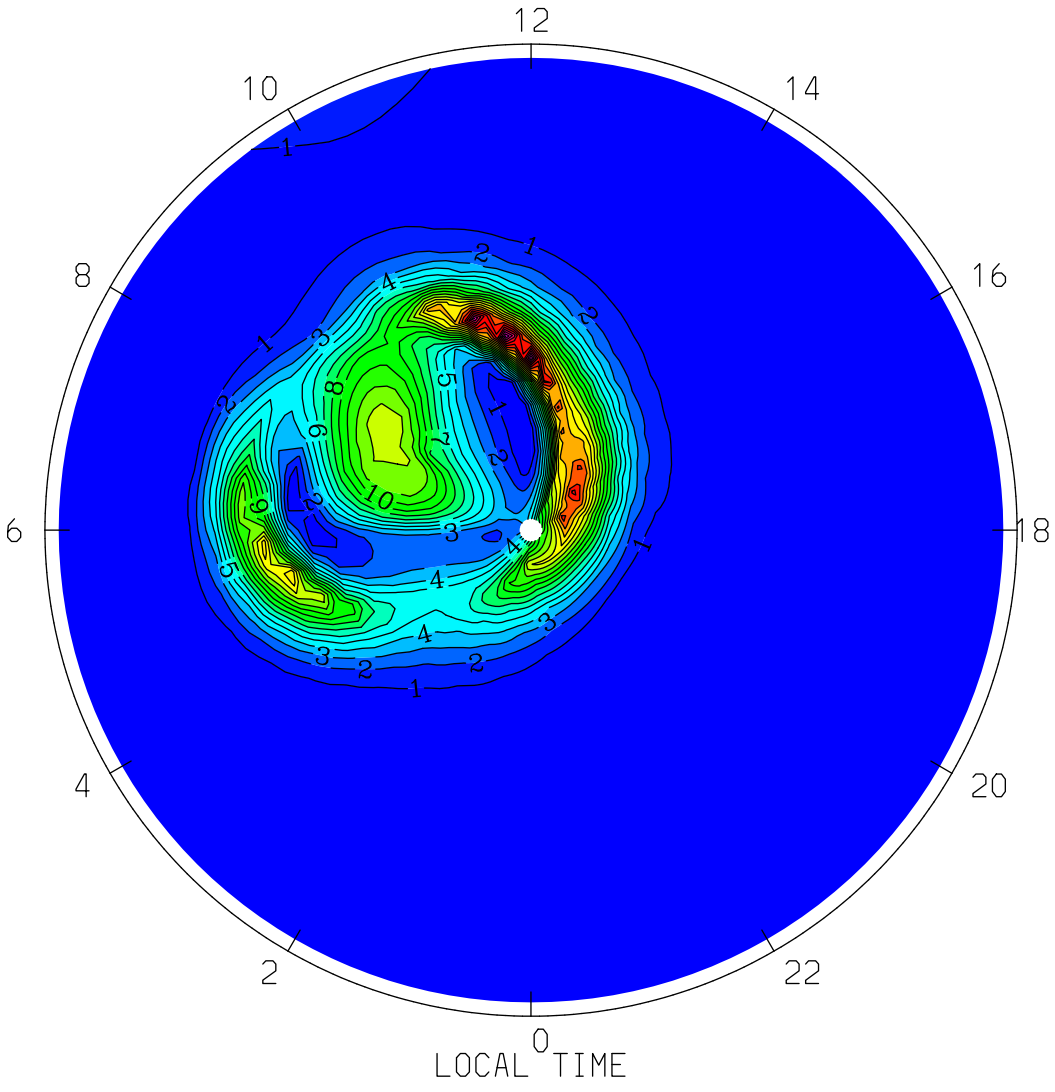


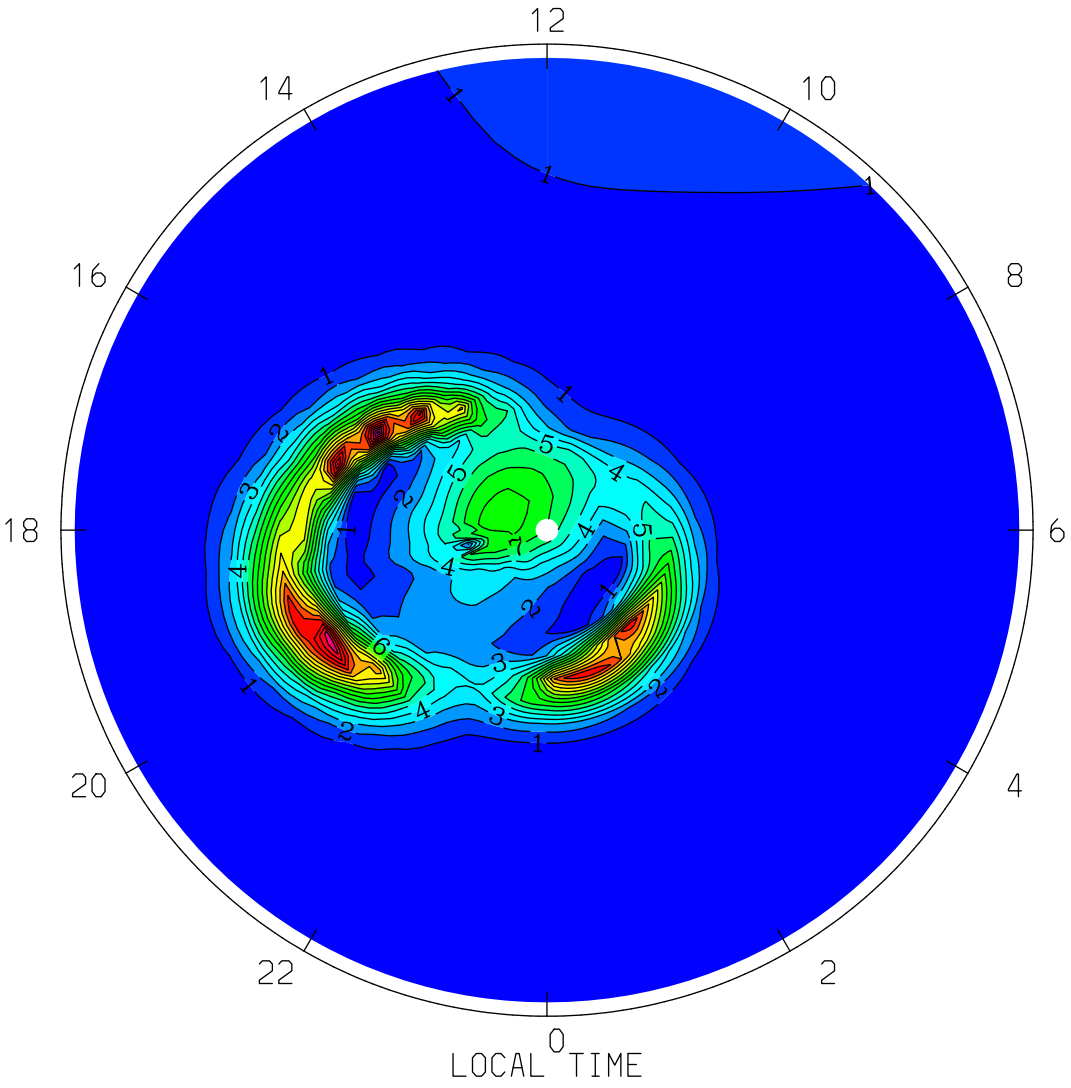
MIN,MAX= 1.0133E-14 1.3506E-14 INTERVAL= 2.5000E-16

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -6.875 AVE HT= 97.0
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
-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= 3.3493E-05 6.1805E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

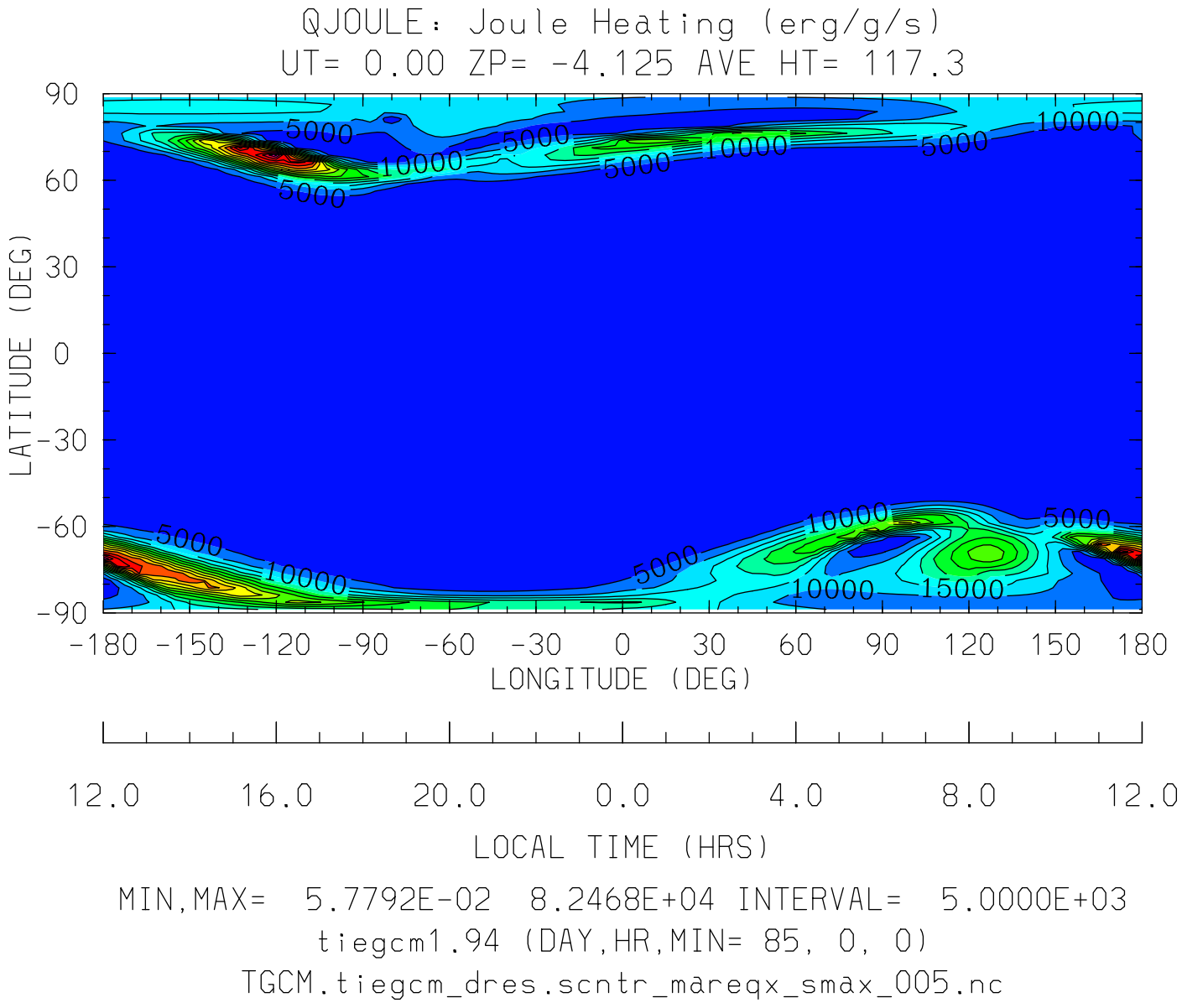

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 5.0091E-04 2.3096E+01 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 3.3493E-05 2.0425E+01 INTERVAL= 1.0000E+00

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

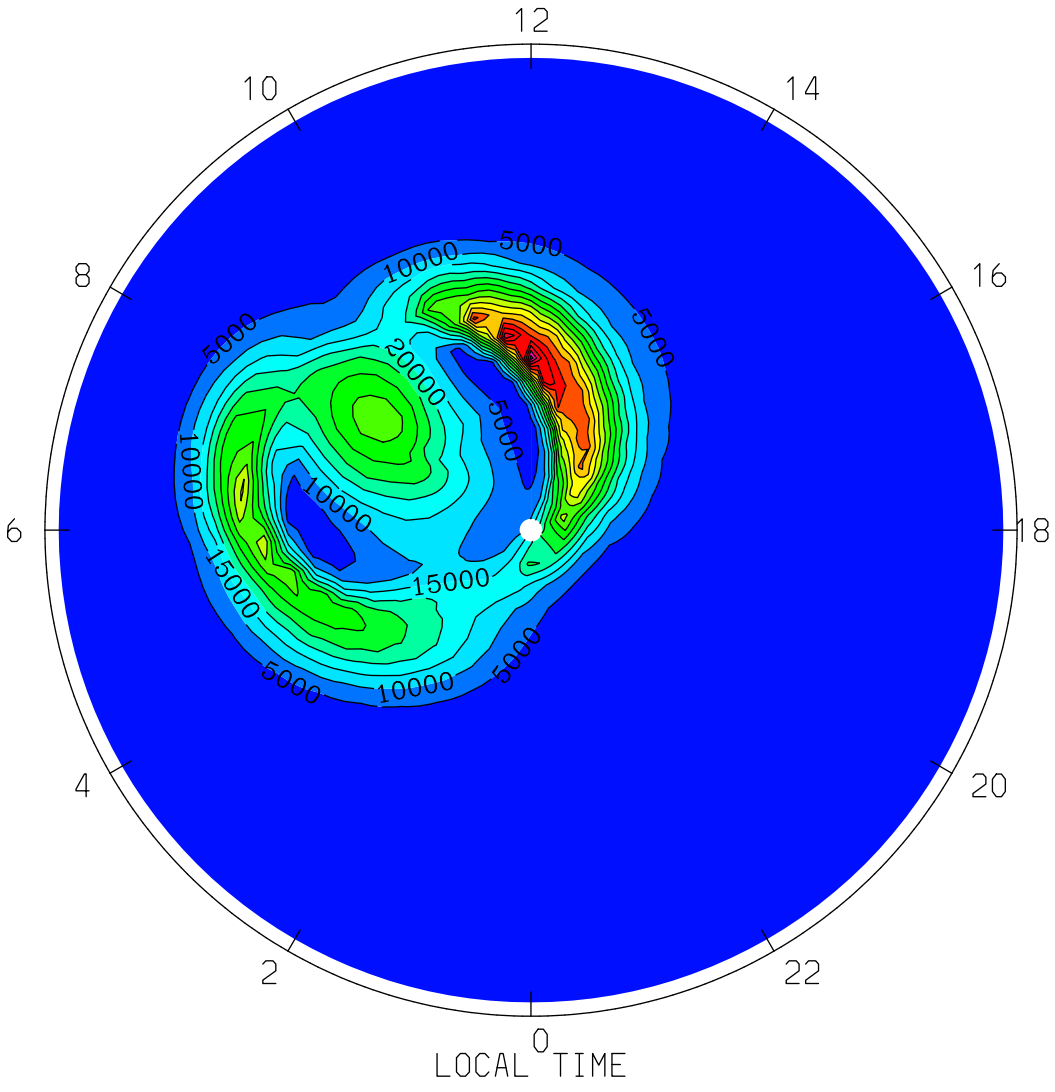
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 5.7792E-02 8.2468E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

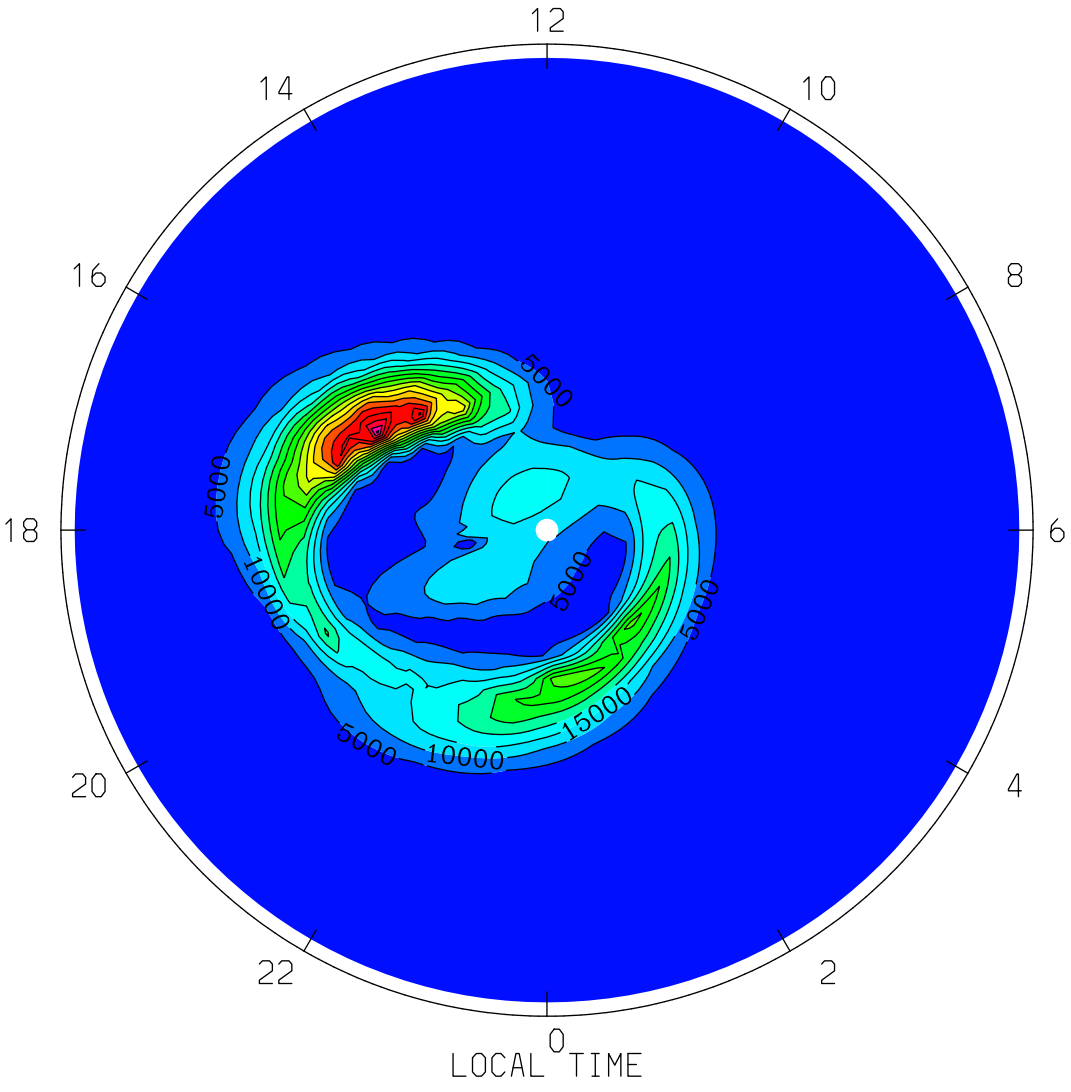
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

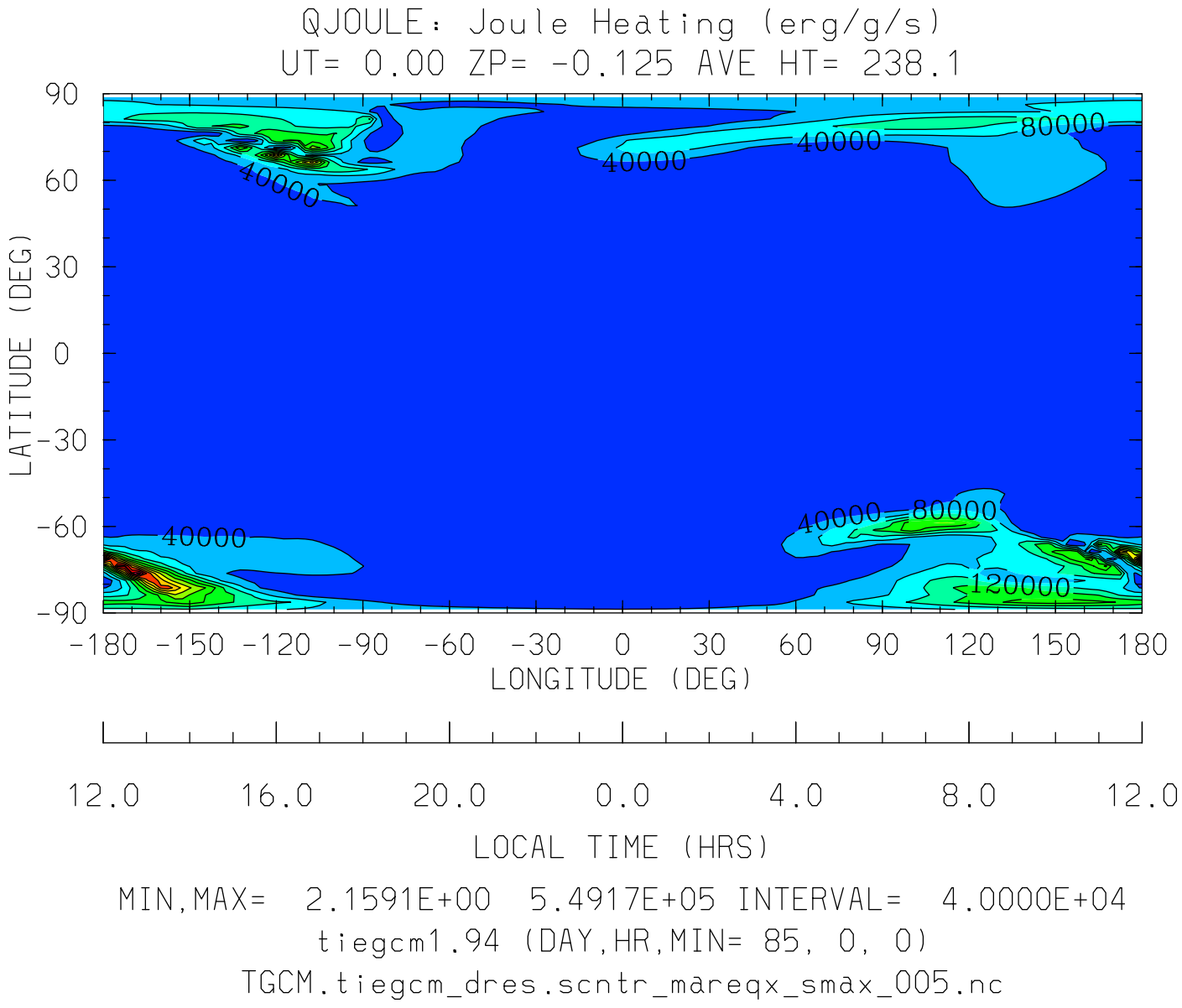


MIN,MAX= 1.1720E-01 8.2468E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

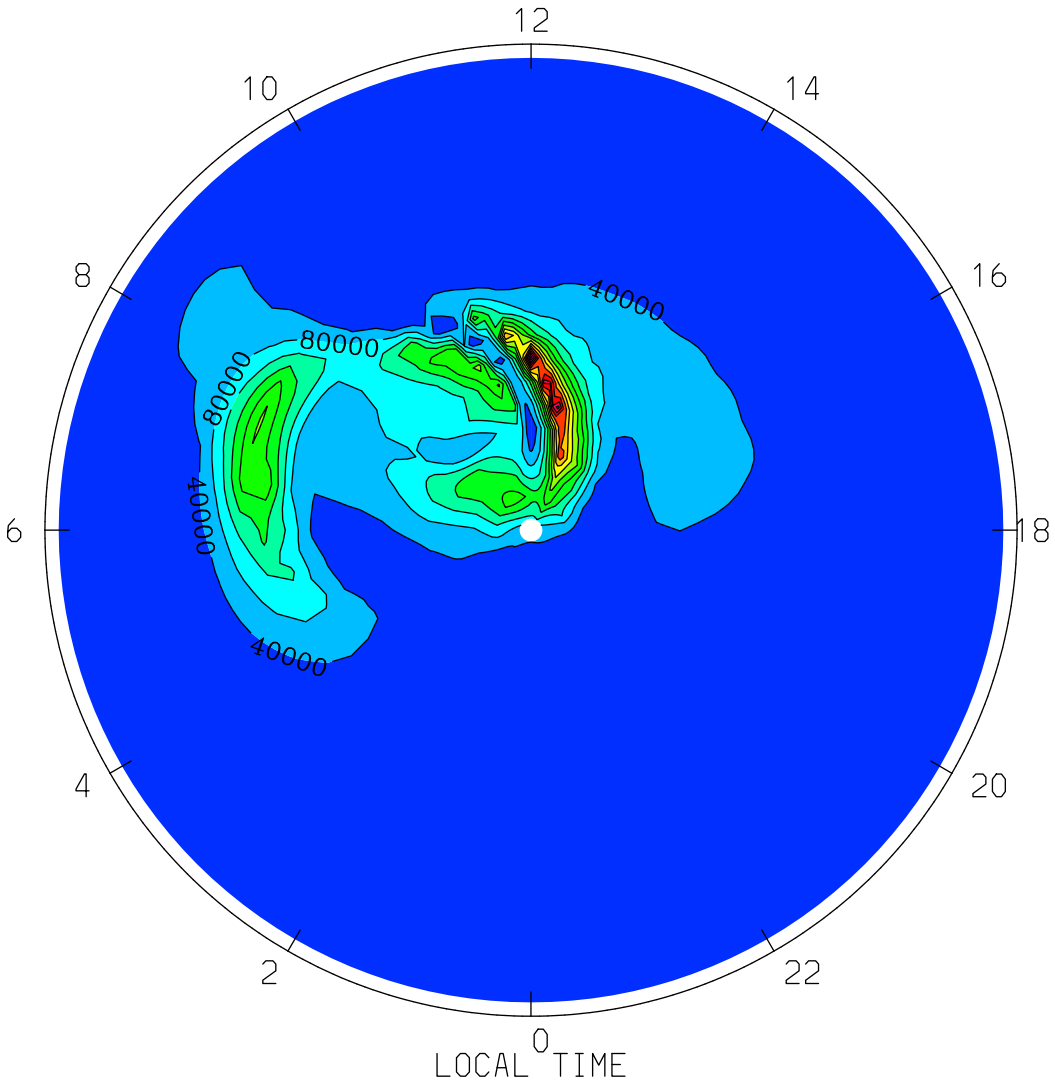

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -4.125 AVE HT= 117.3 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
5000
5000
10000
5000
5000
15000
5000
10000
LOCAL TIME
MIN,MAX= 1.4367E-01 8.1264E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

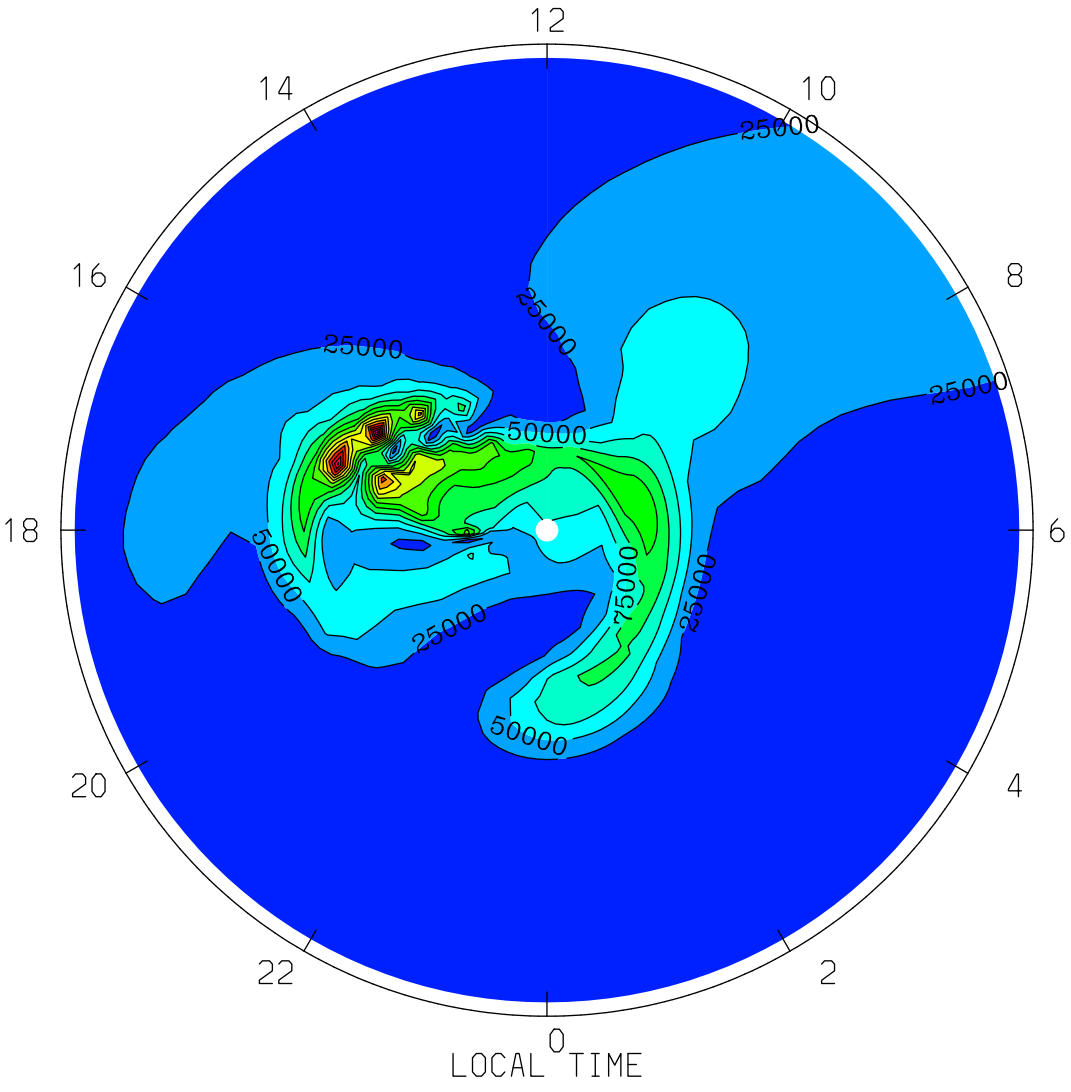


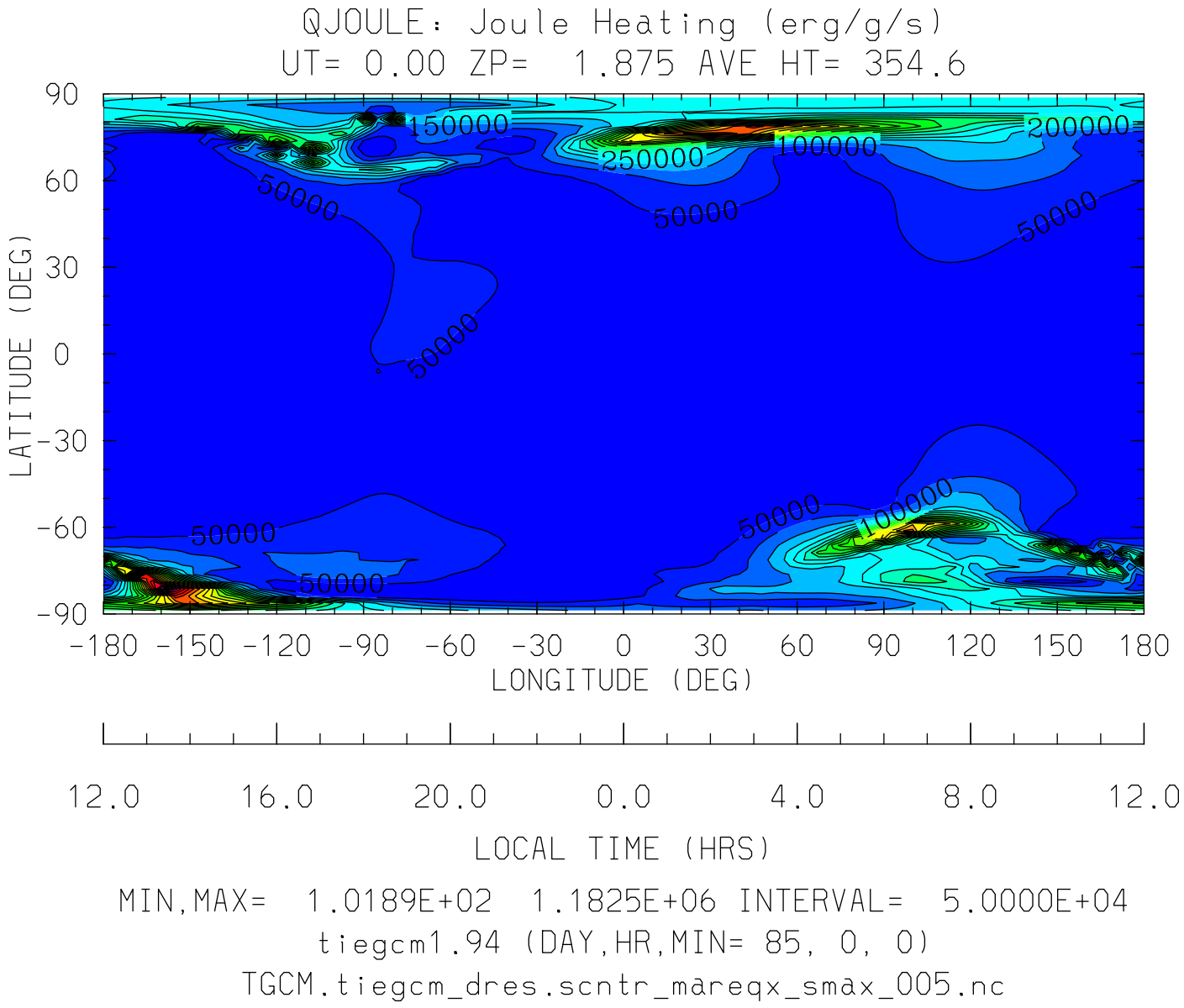
MIN,MAX= 2.1591E+00 5.4917E+05 INTERVAL= 4.0000E+04

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -0.125 AVE HT= 238.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
40000
80000
80000
40000
40000
MIN,MAX= 2.2672E+02 5.4917E+05 INTERVAL= 4.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

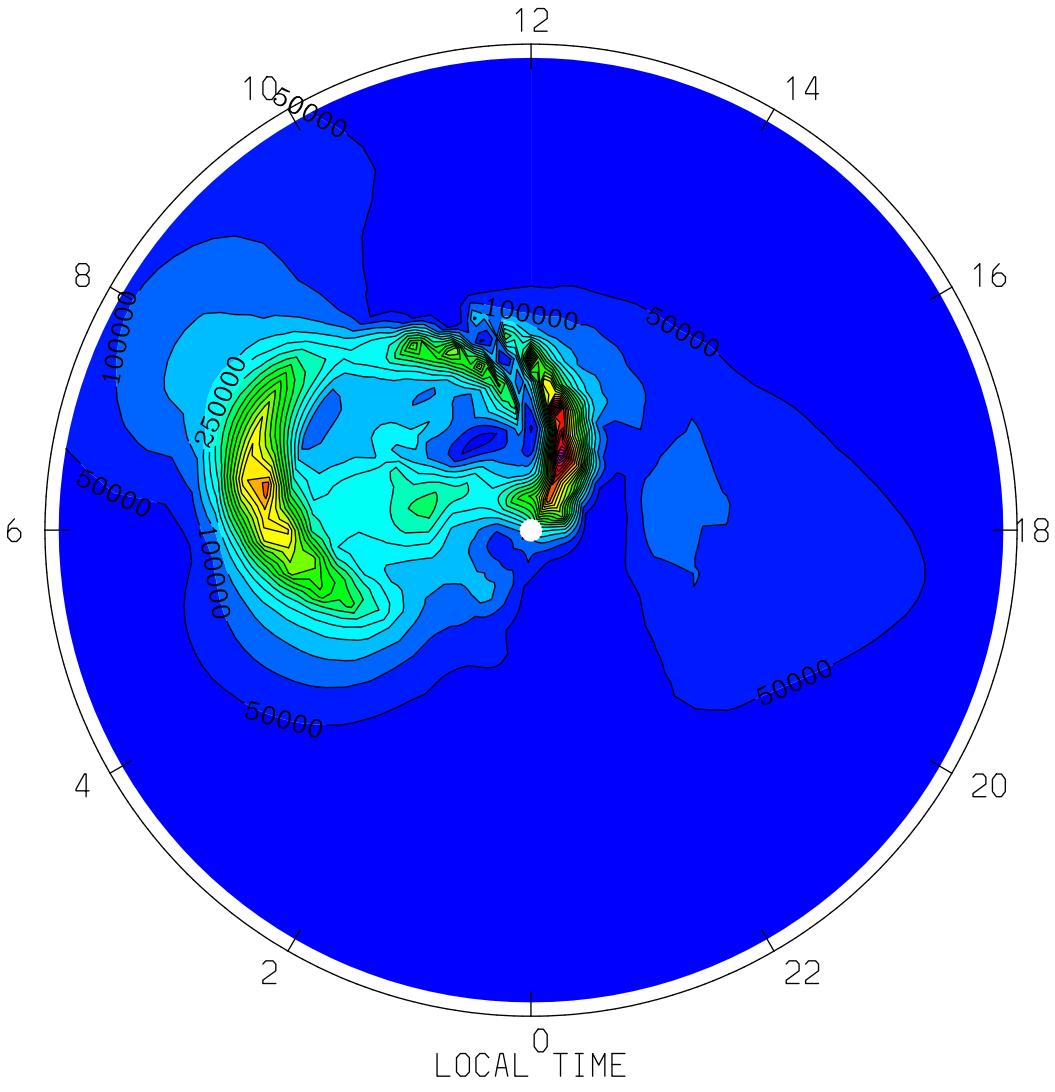

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -0.125 AVE HT= 238.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
25000
50000
75000
MIN,MAX= 9.7317E+01 3.5784E+05 INTERVAL= 2.5000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.0189E+02 1.1825E+06 INTERVAL= 5.0000E+04

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

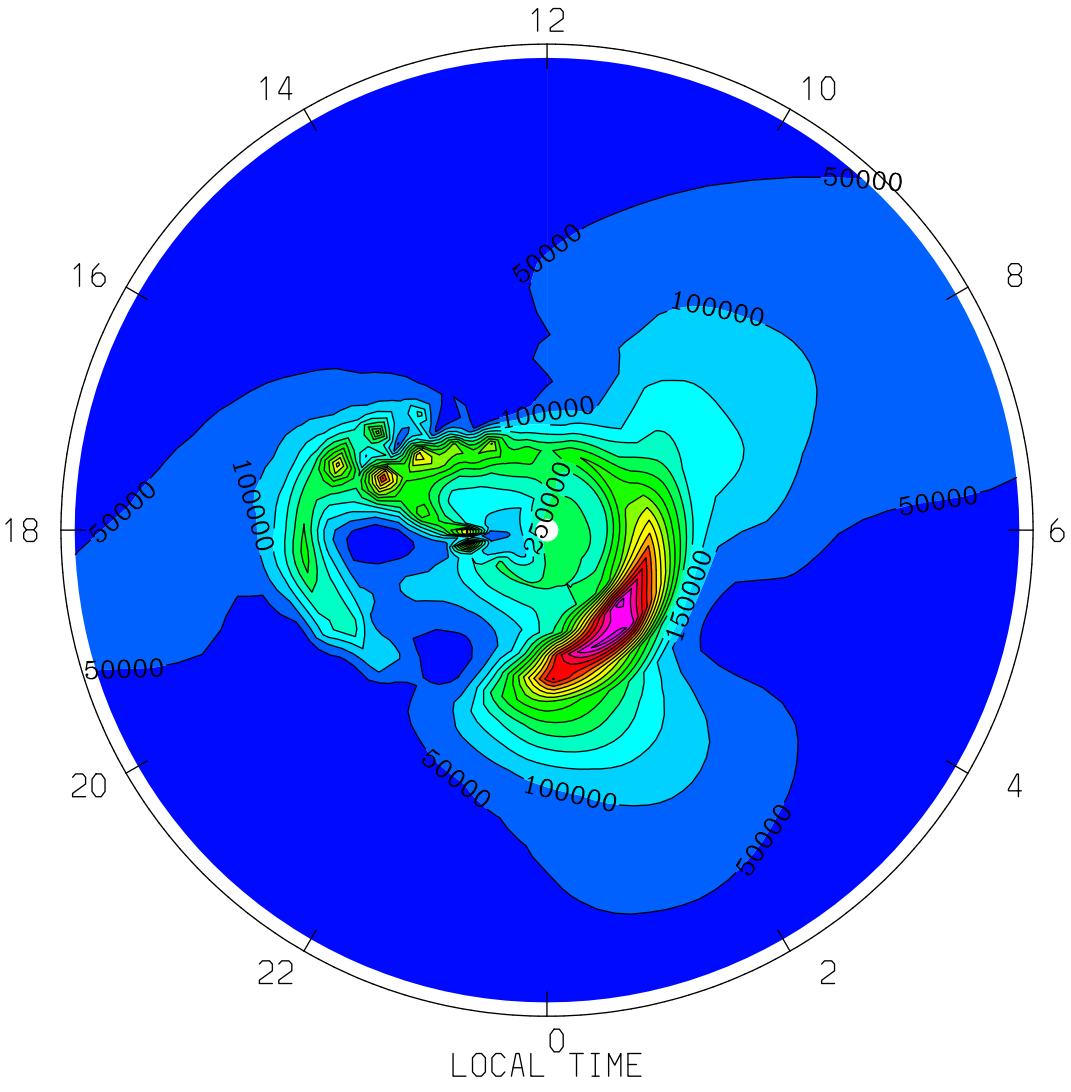
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 3.4577E+03 1.1825E+06 INTERVAL= 5.0000E+04

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

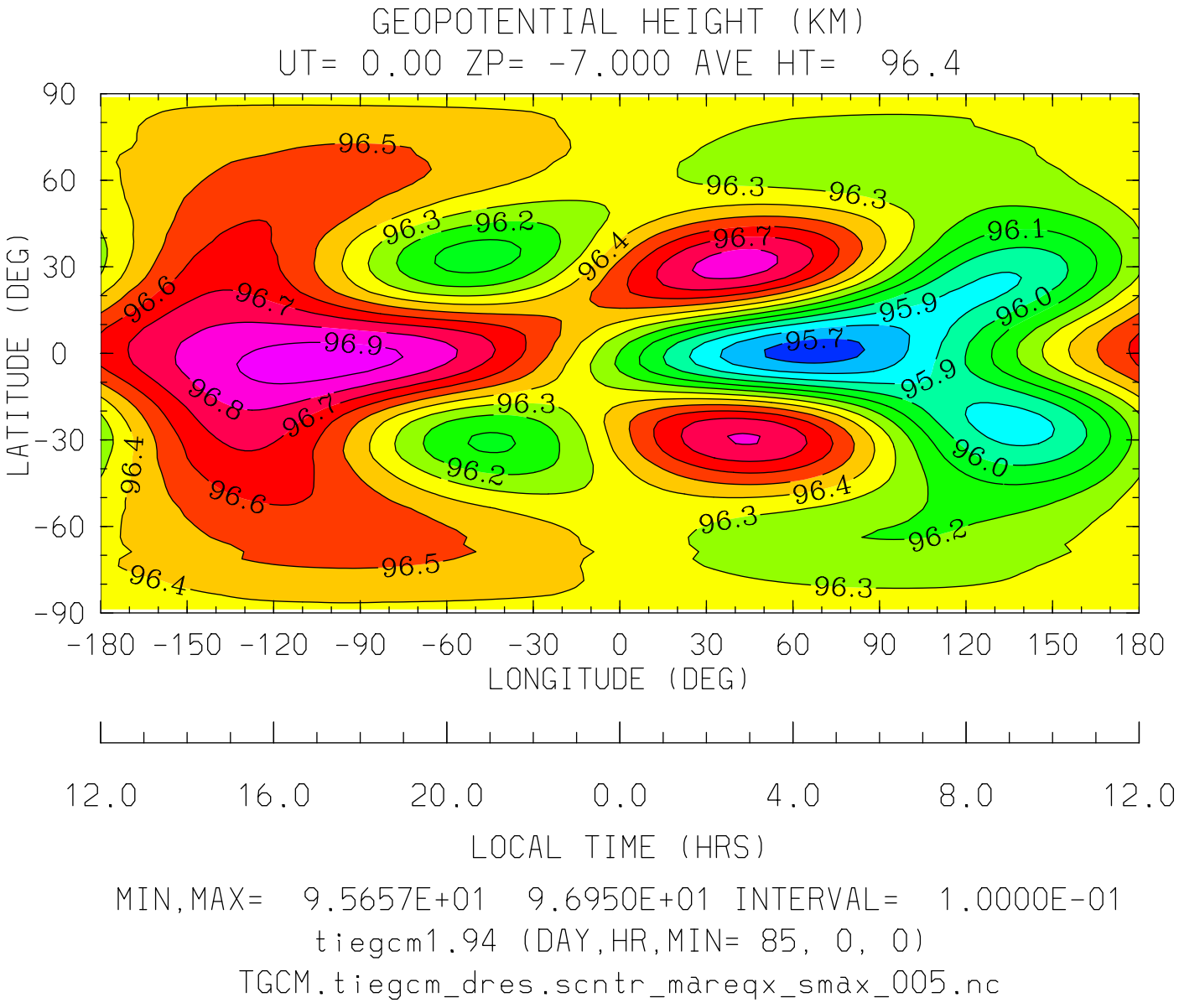
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

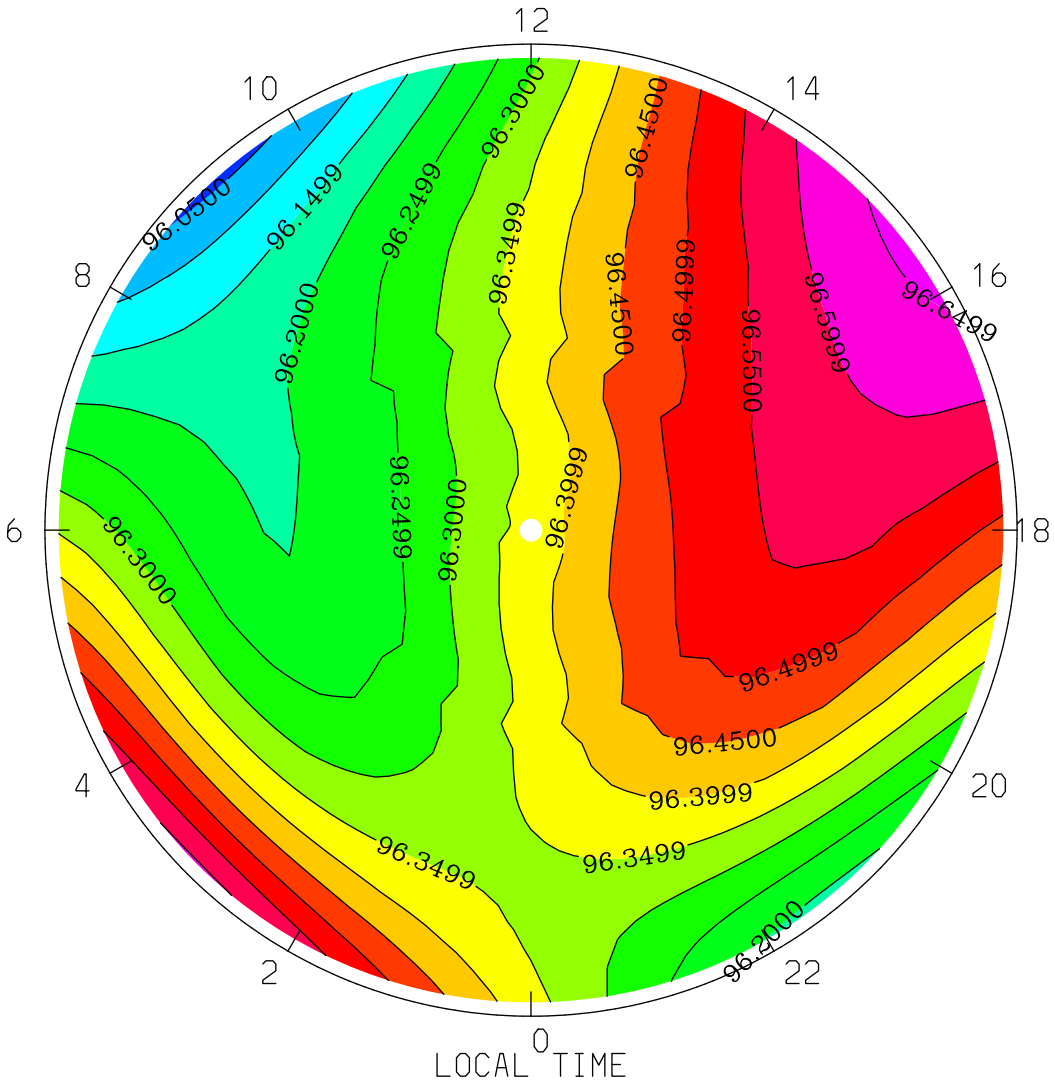


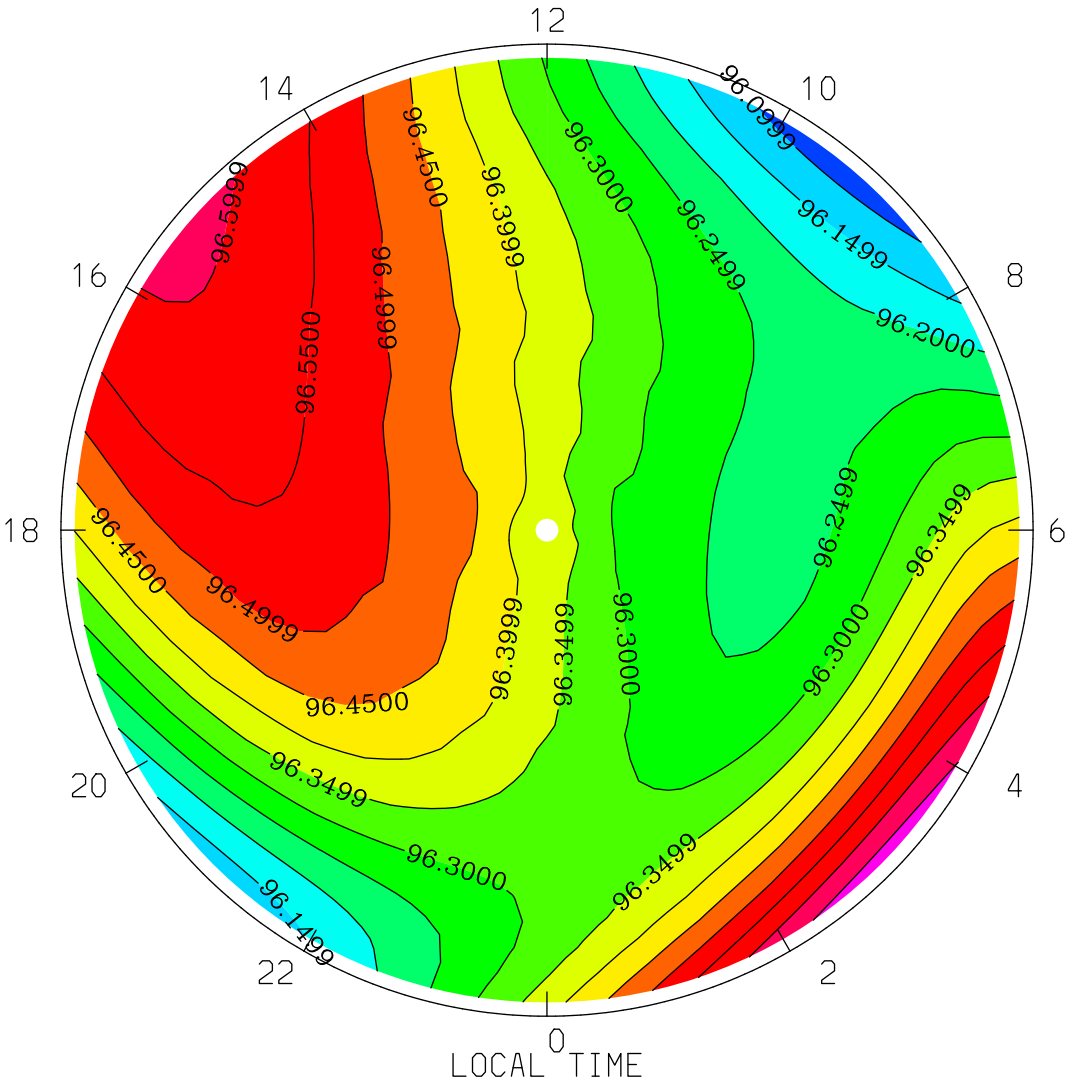
MIN,MAX= 6.9271E+02 8.7196E+05 INTERVAL= 5.0000E+04

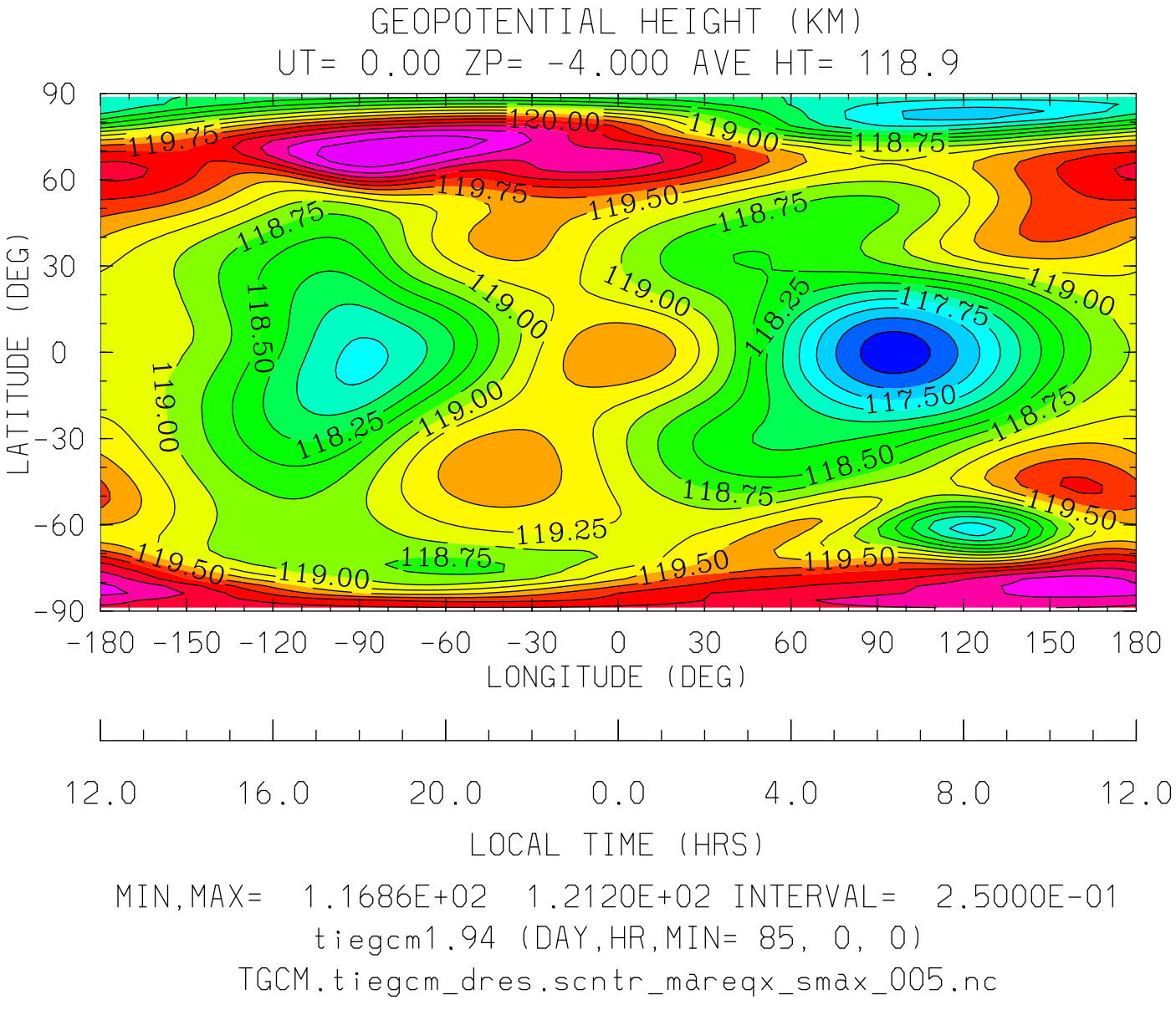
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


GEOPOTENTIAL HEIGHT (KM)
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= 9.5657E+01 9.6950E+01 INTERVAL= 1.0000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_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
96.0500
96.1499
96.2000
96.2499
96.3000
96.3499
96.3999
96.4500
96.4999
96.5500
96.5999
96.6499
LOCAL TIME
MIN,MAX= 9.6038E+01 9.6661E+01 INTERVAL= 5.0000E-02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

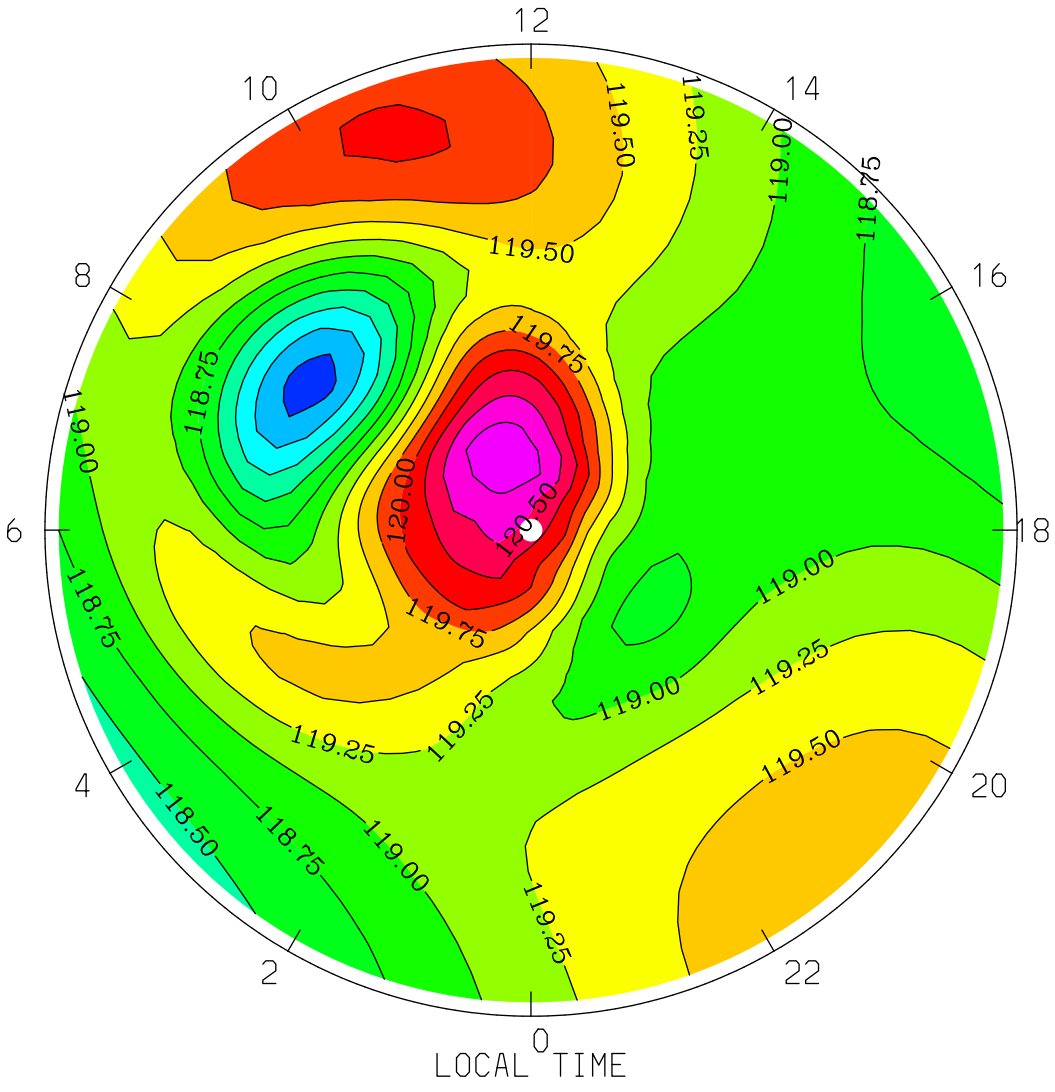

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
96.0999
96.1499
96.2000
96.2499
96.3000
96.3499
96.3999
96.4500
96.4999
96.5500
LOCAL TIME
MIN,MAX= 9.6072E+01 9.6679E+01 INTERVAL= 5.0000E-02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.1686E+02 1.2120E+02 INTERVAL= 2.5000E-01

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

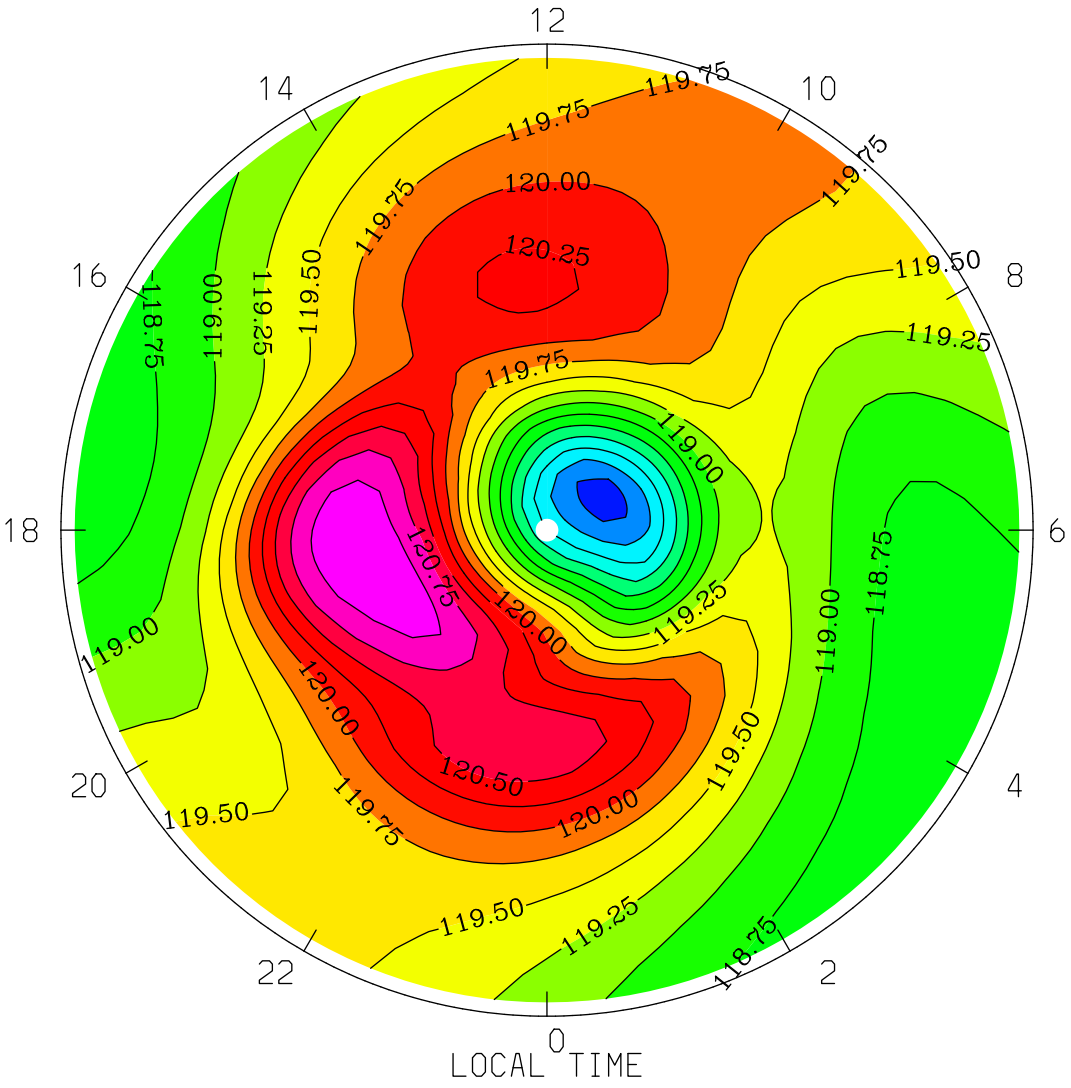
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.1763E+02 1.2087E+02 INTERVAL= 2.5000E-01

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

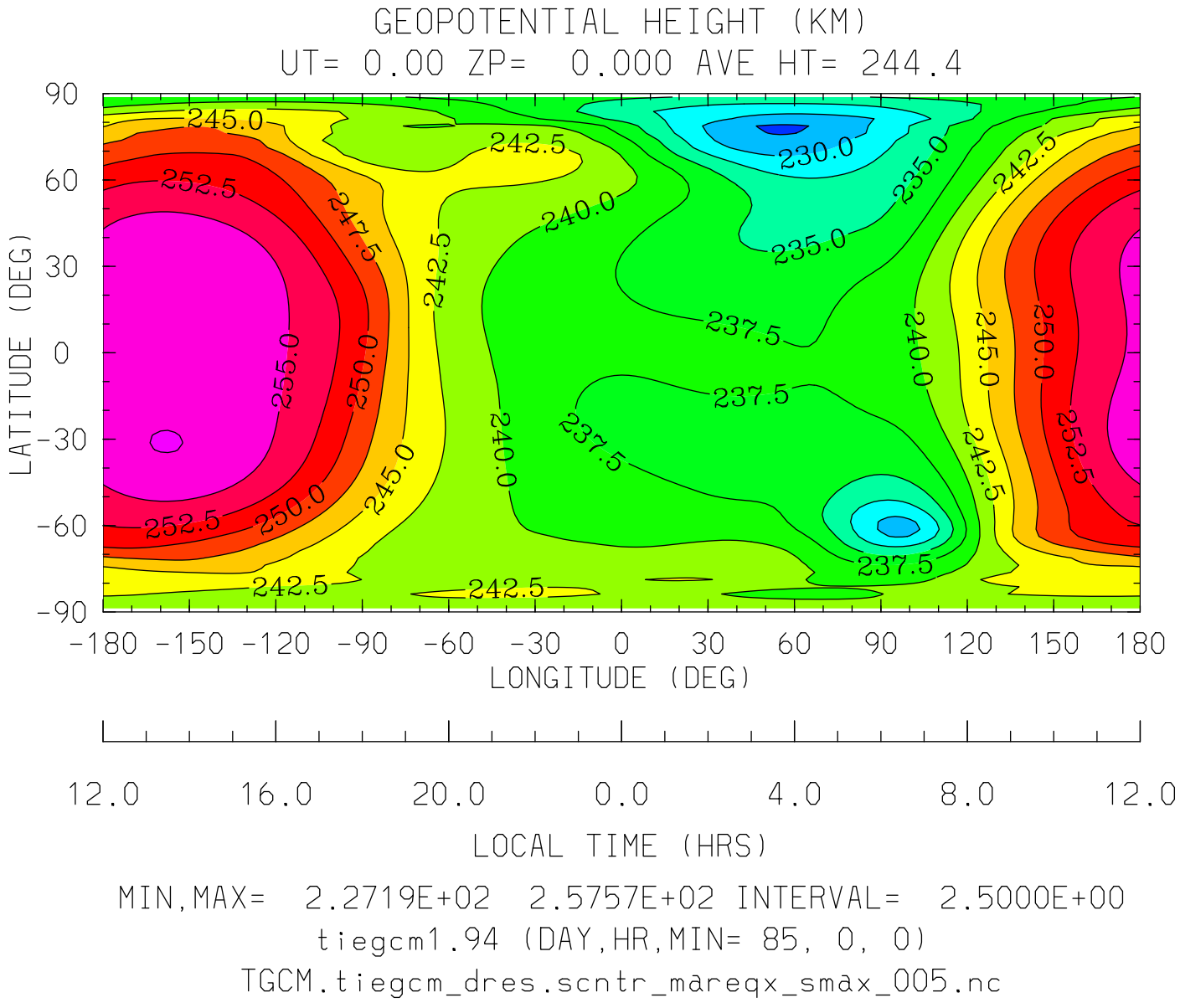
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 1.1739E+02 1.2120E+02 INTERVAL= 2.5000E-01

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

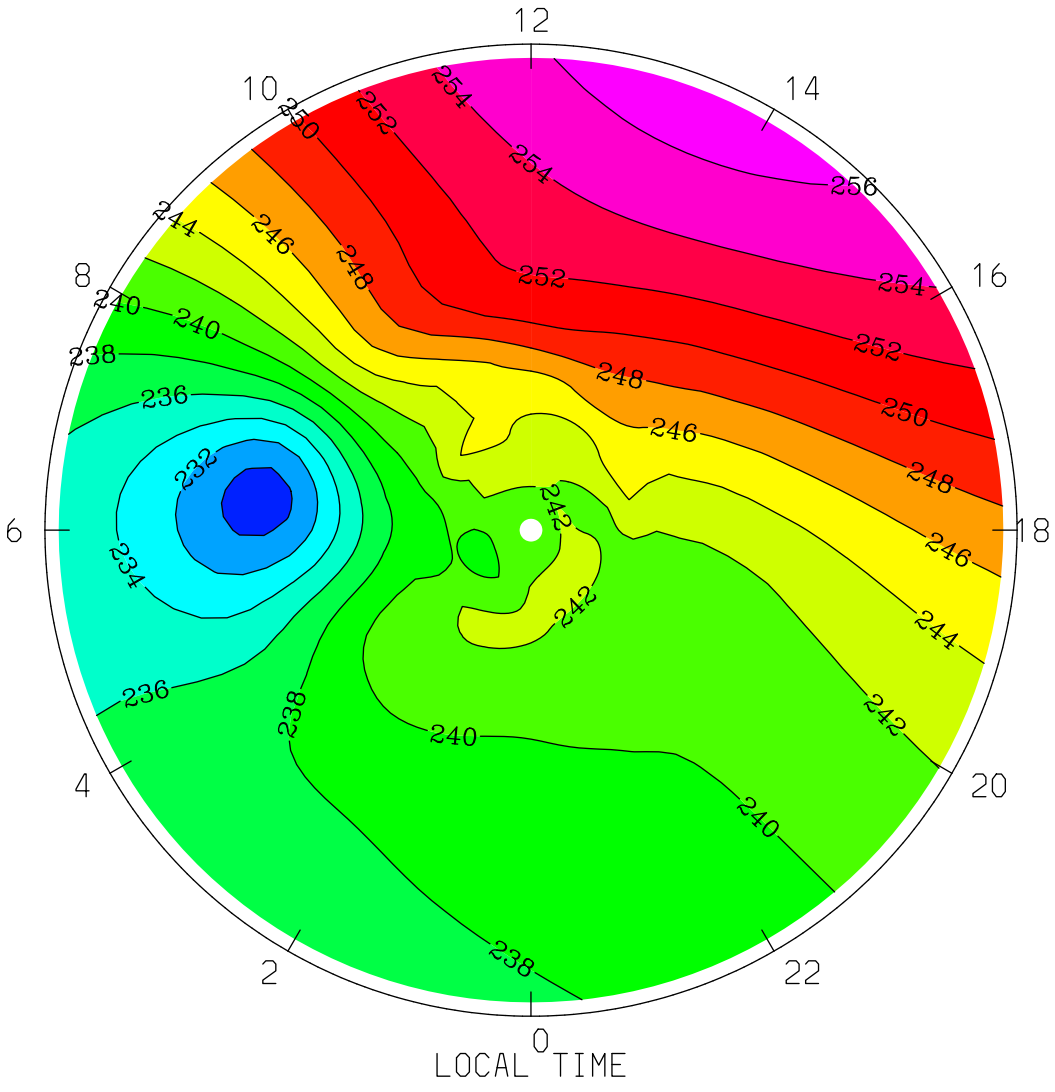
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

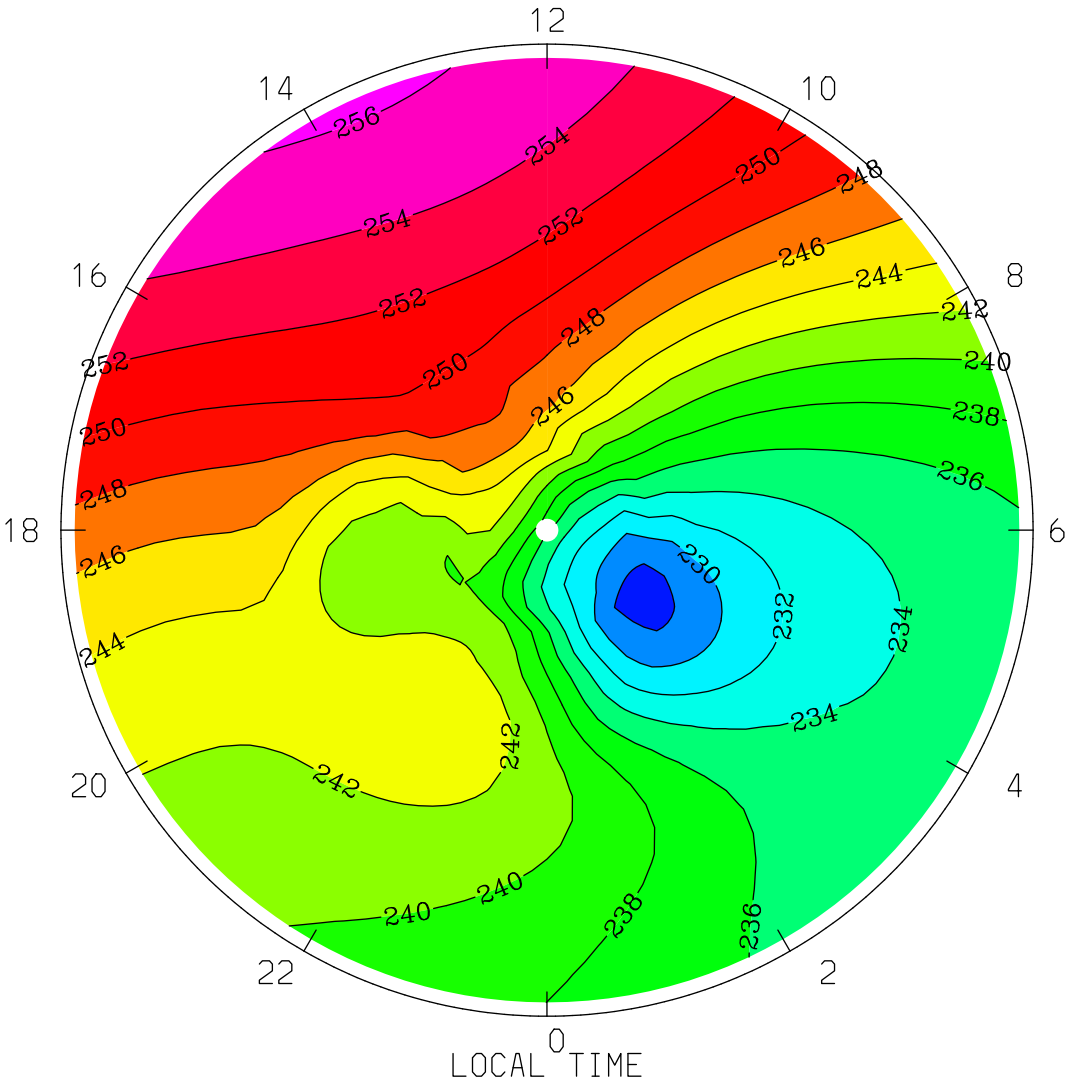


MIN,MAX= 2.2719E+02 2.5757E+02 INTERVAL= 2.5000E+00

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

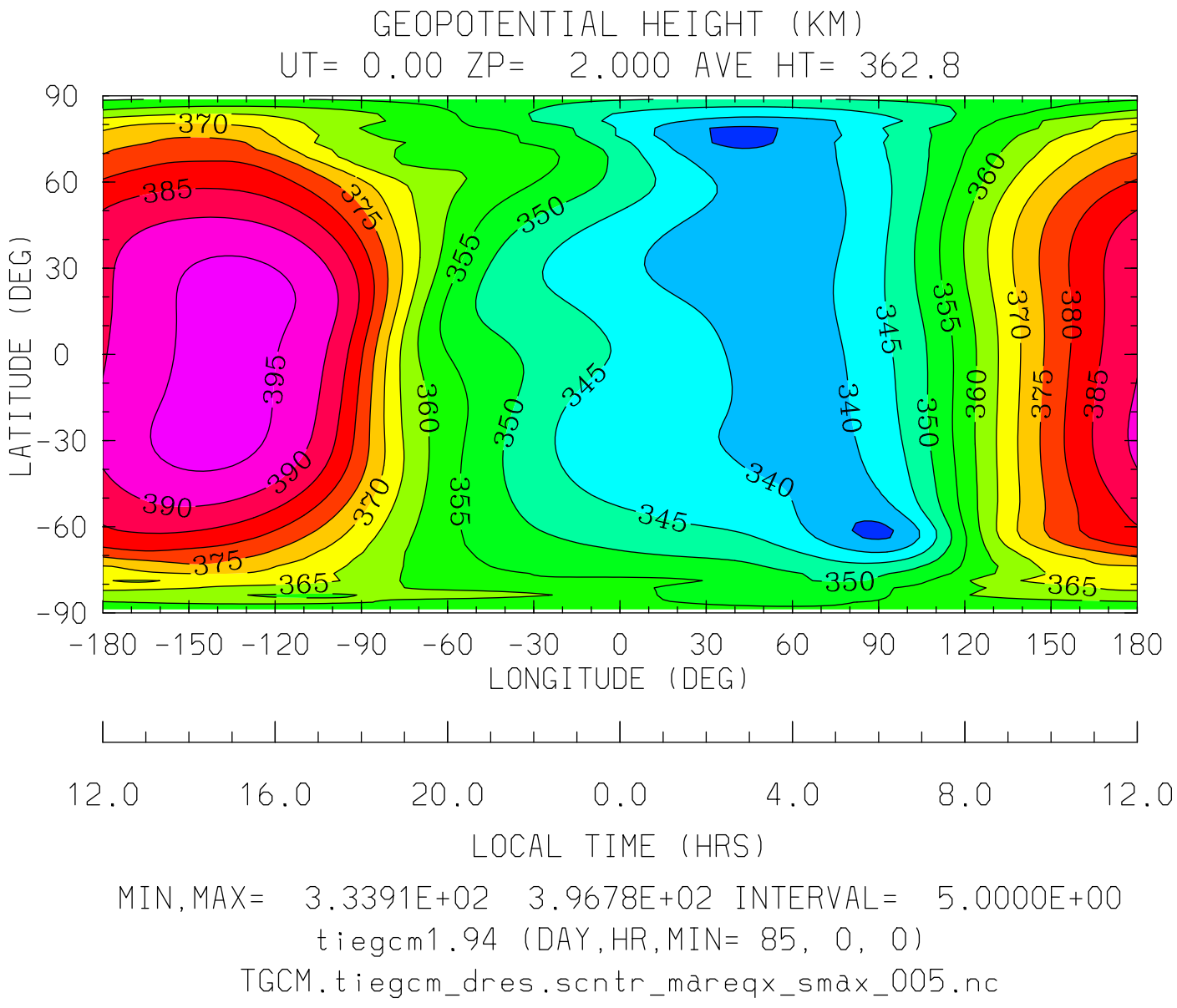

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 2.2904E+02 2.5700E+02 INTERVAL= 2.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

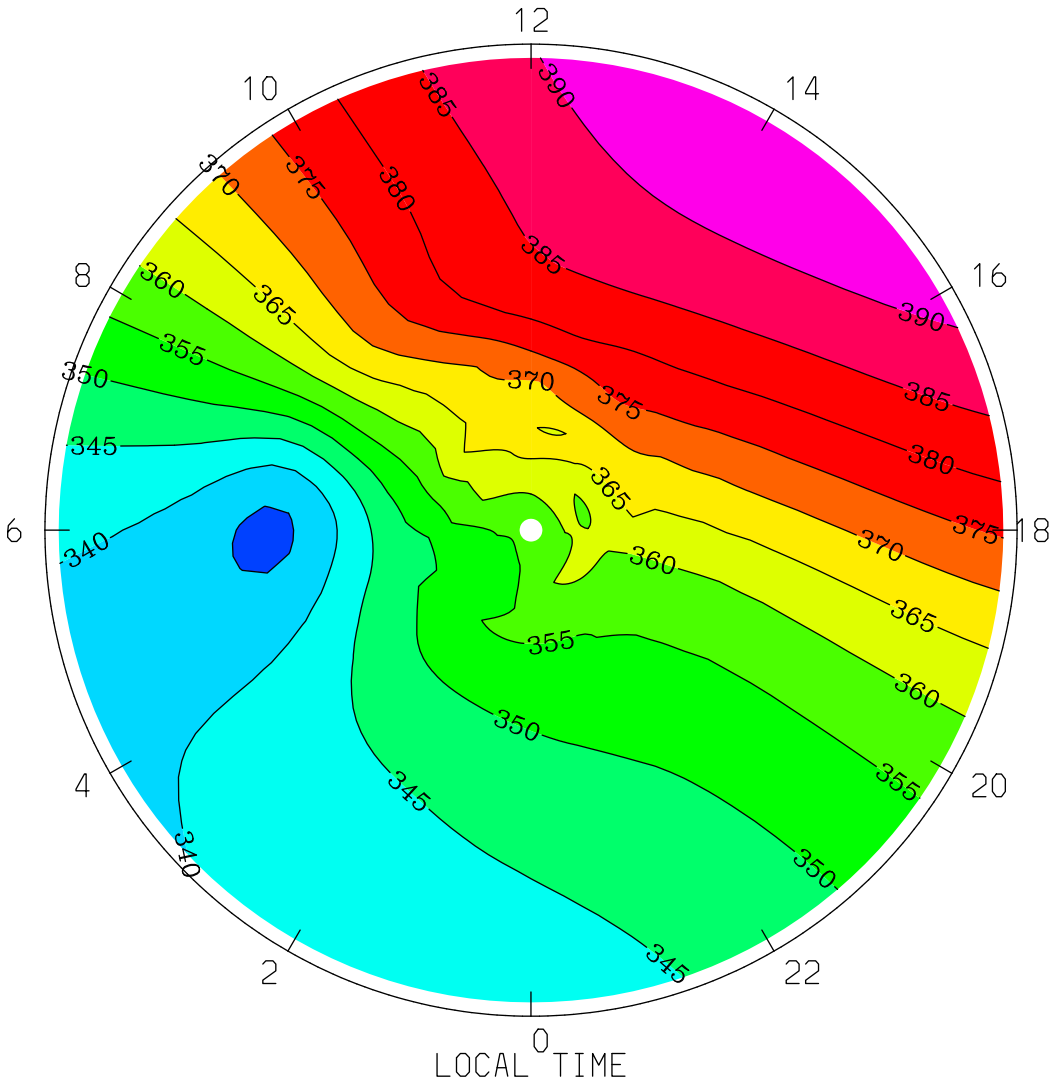


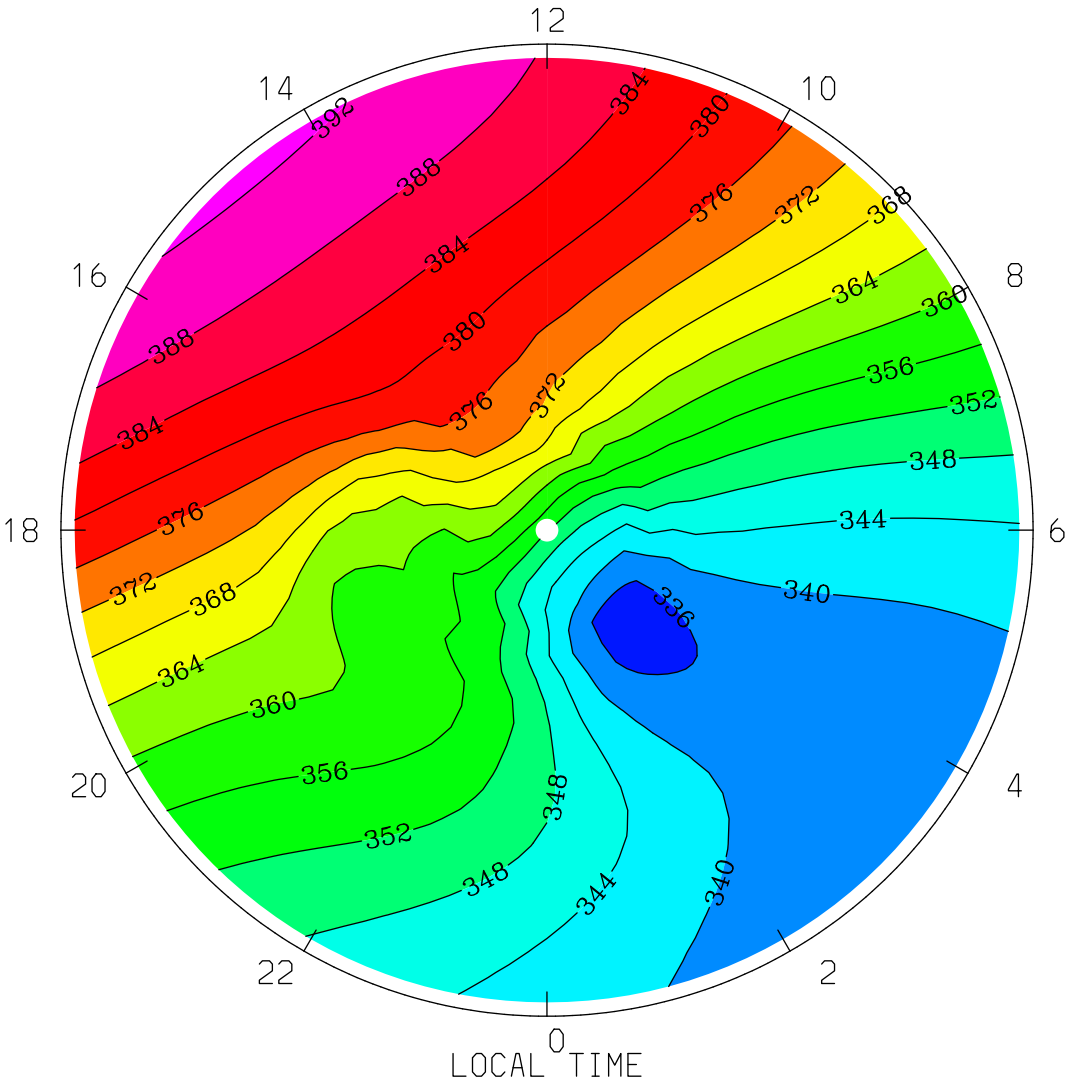
MIN,MAX= 2.2719E+02 2.5630E+02 INTERVAL= 2.0000E+00

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 2.000 AVE HT= 362.8
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= 3.3391E+02 3.9678E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

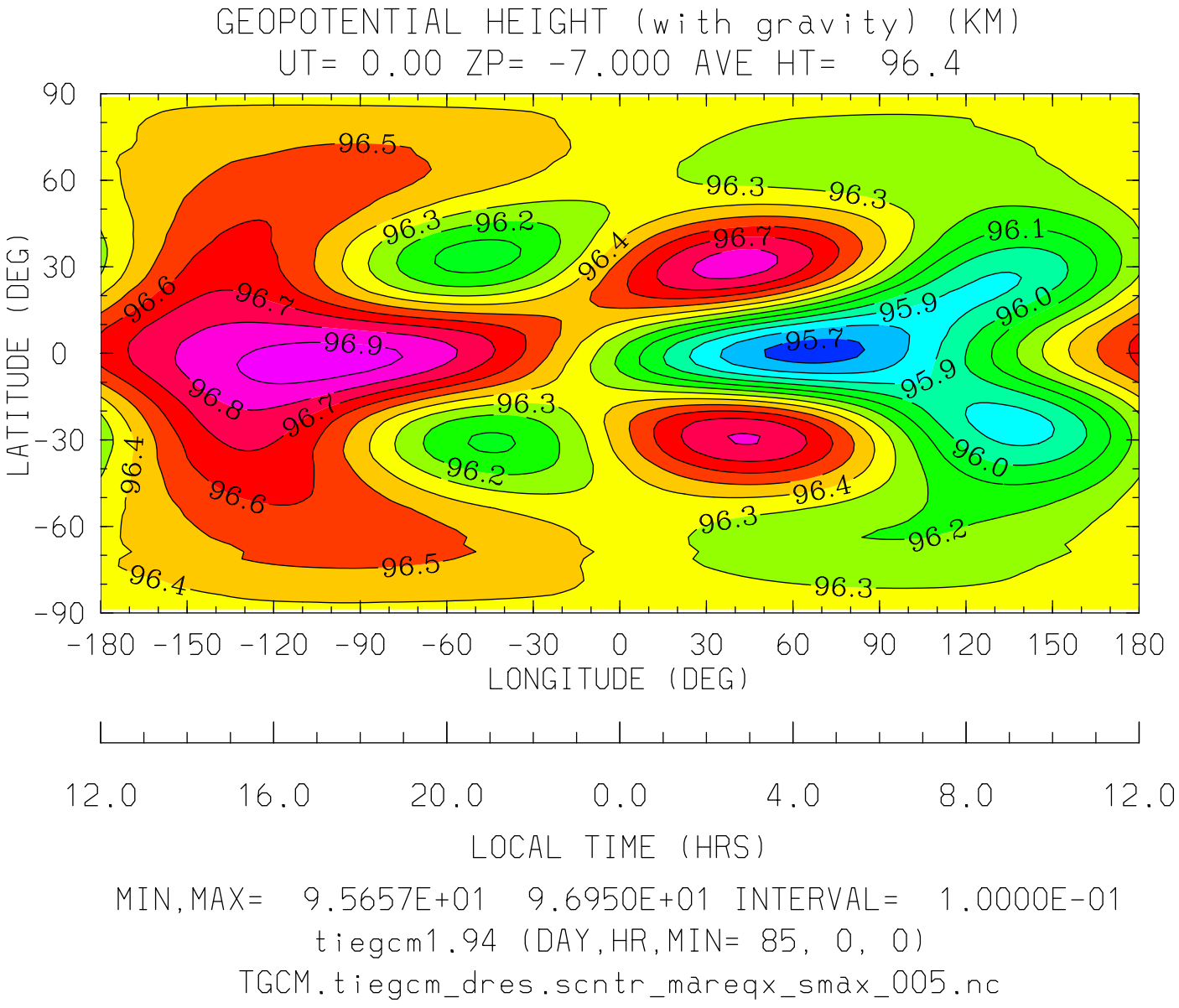

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
390
385
380
375
370
365
360
355
350
345
340
MIN,MAX= 3.3391E+02 3.9484E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

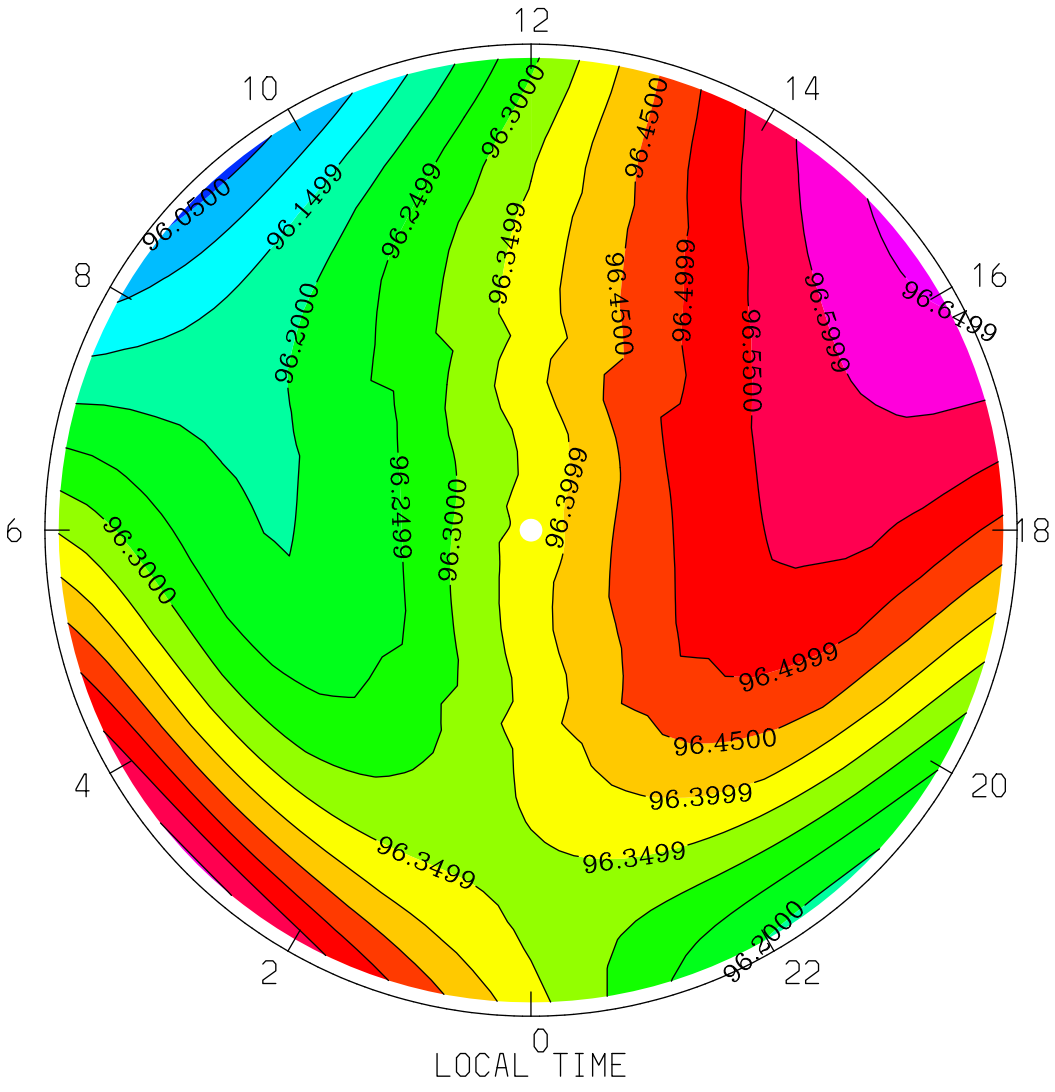


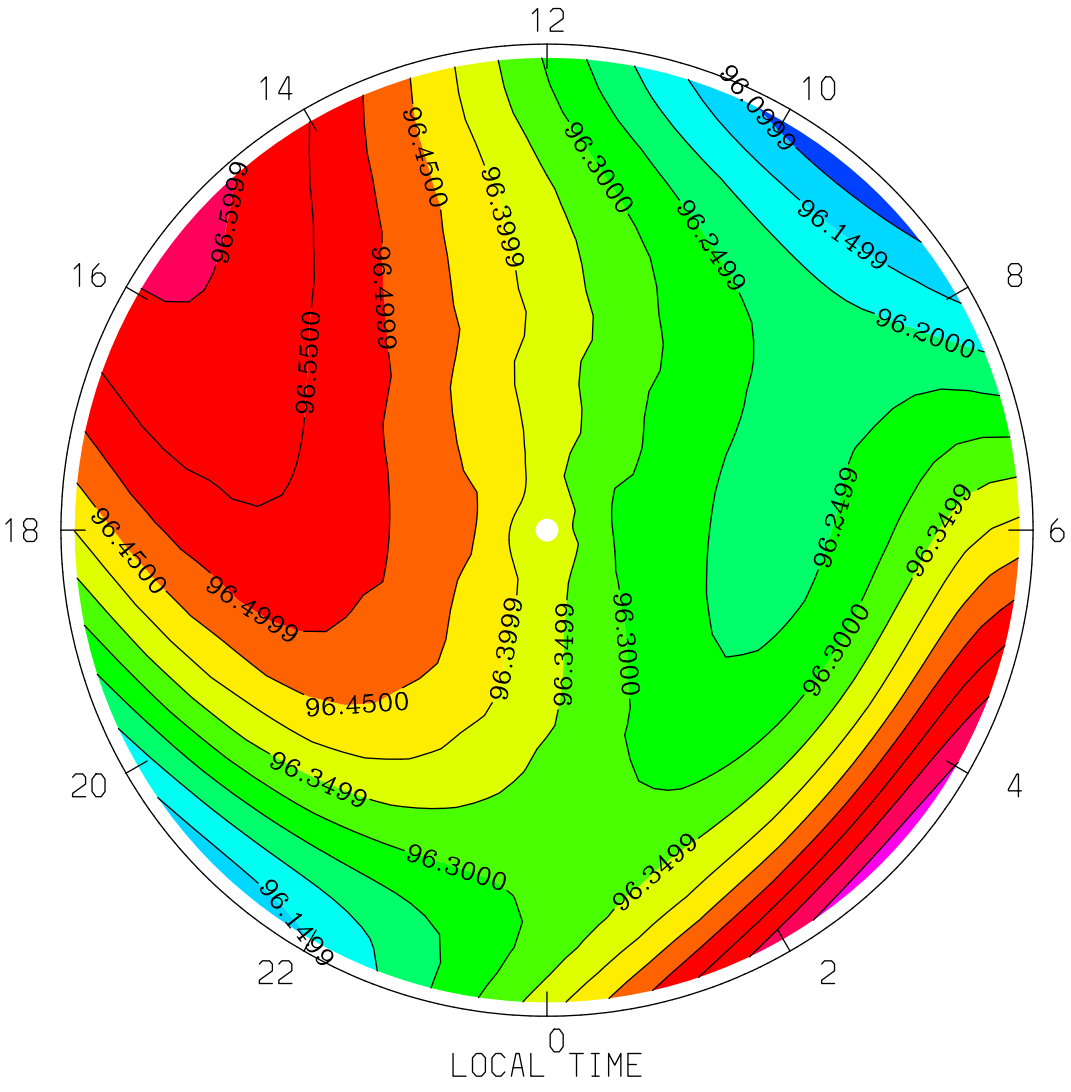
MIN,MAX= 3.3404E+02 3.9279E+02 INTERVAL= 4.0000E+00

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
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= 9.5657E+01 9.6950E+01 INTERVAL= 1.0000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

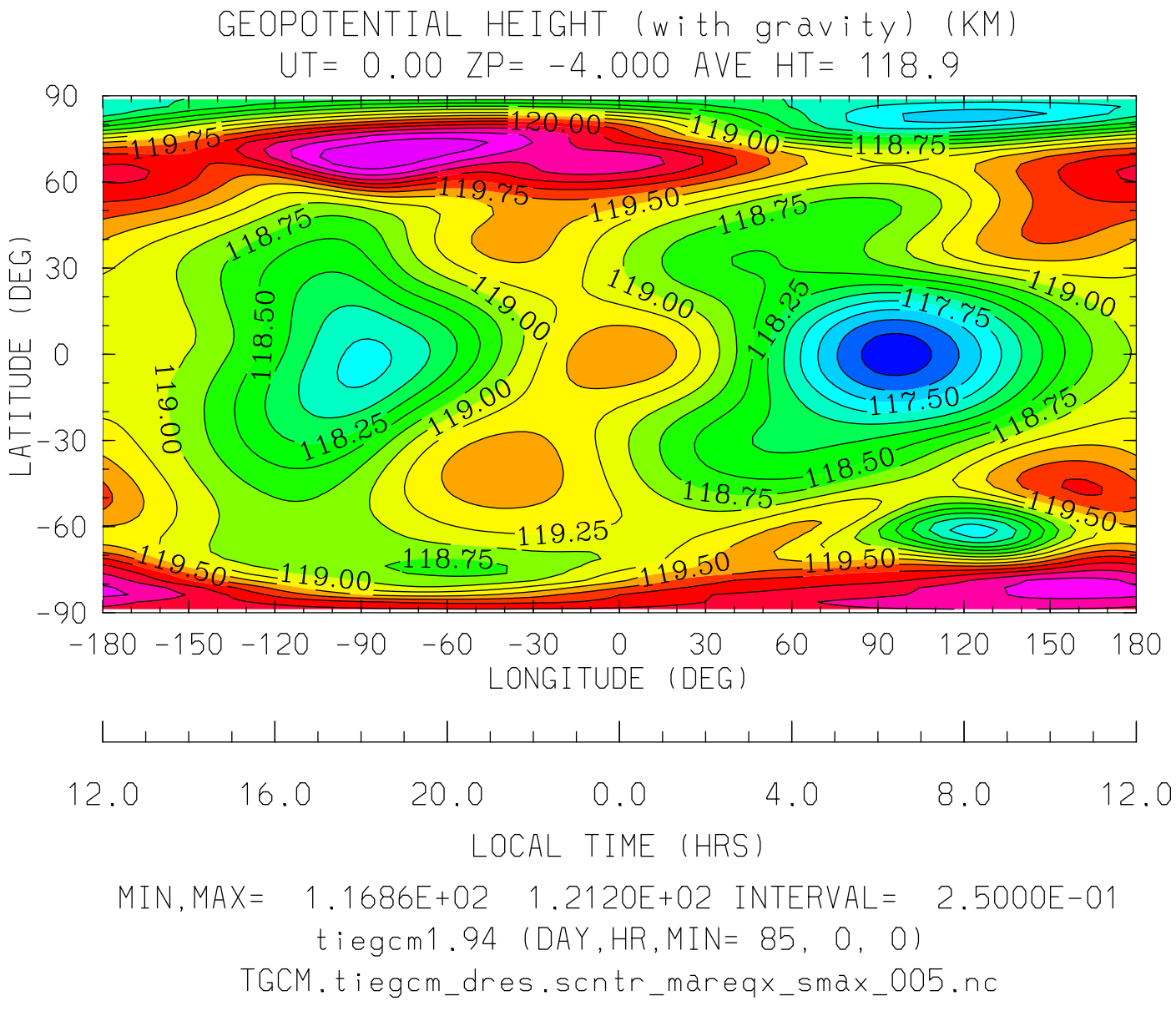

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
96.0500
96.1499
96.2000
96.2499
96.3000
96.3499
96.3999
96.4500
96.4999
96.5500
96.5999
96.6499
LOCAL TIME
MIN,MAX= 9.6038E+01 9.6661E+01 INTERVAL= 5.0000E-02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc



MIN,MAX= 9.6072E+01 9.6679E+01 INTERVAL= 5.0000E-02

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

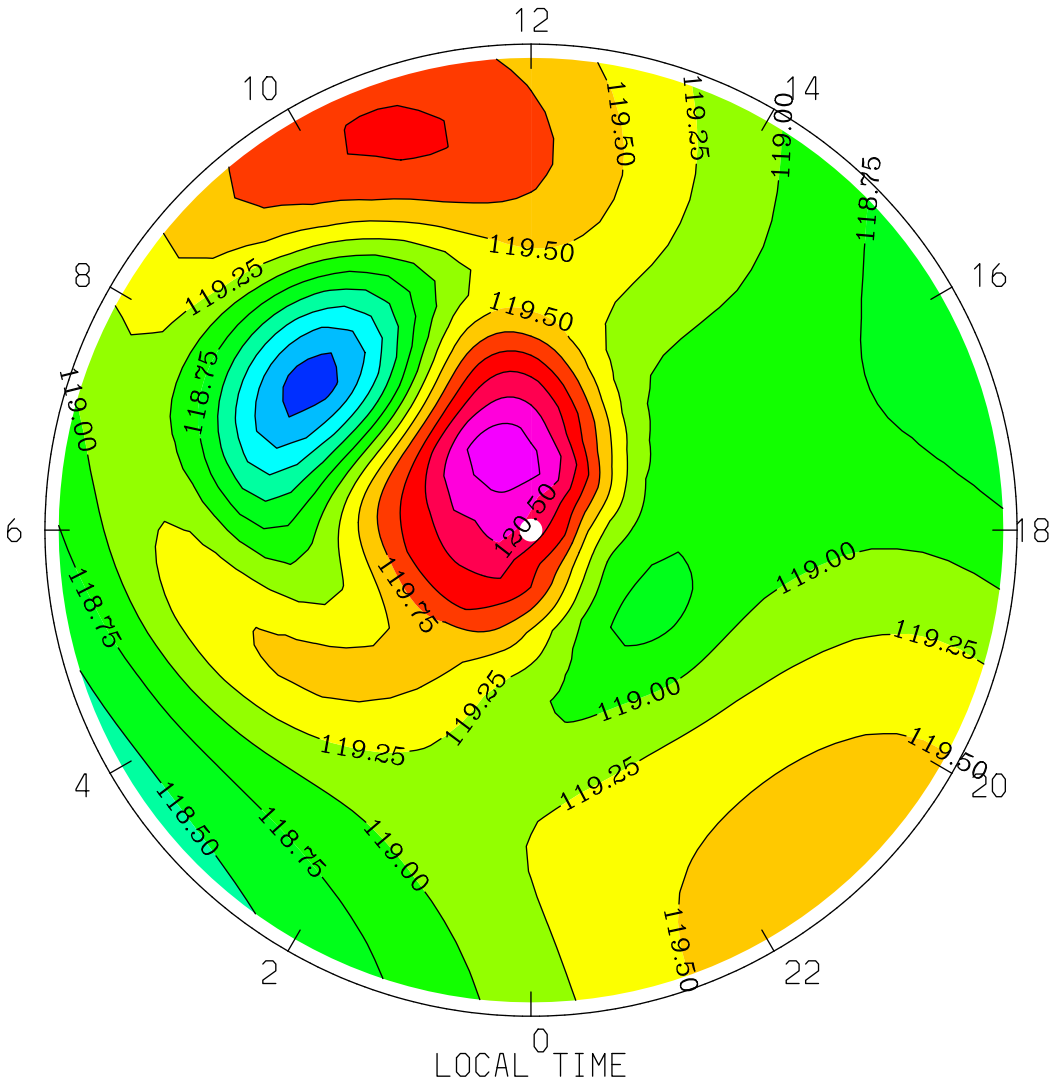
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

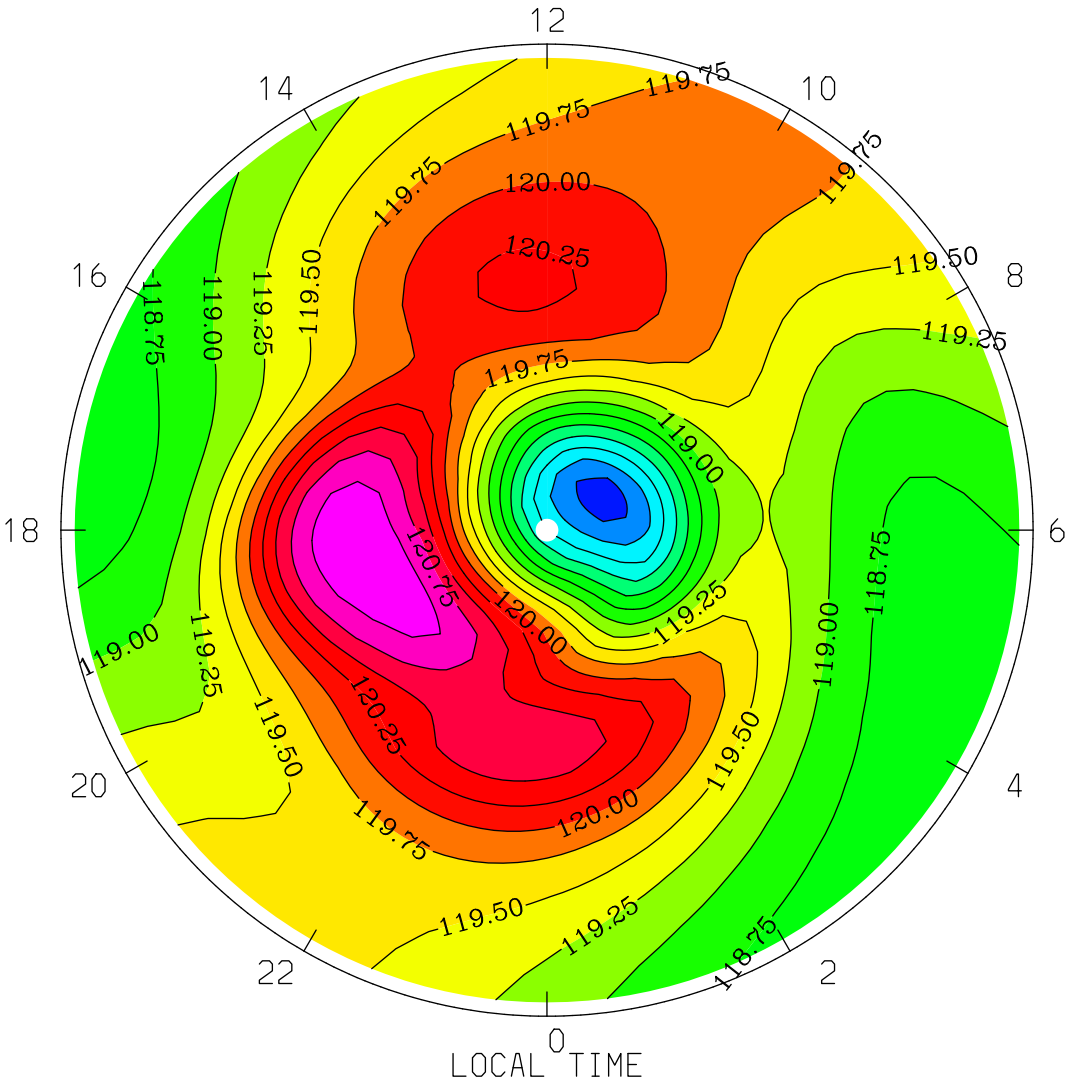


MIN,MAX= 1.1686E+02 1.2120E+02 INTERVAL= 2.5000E-01

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

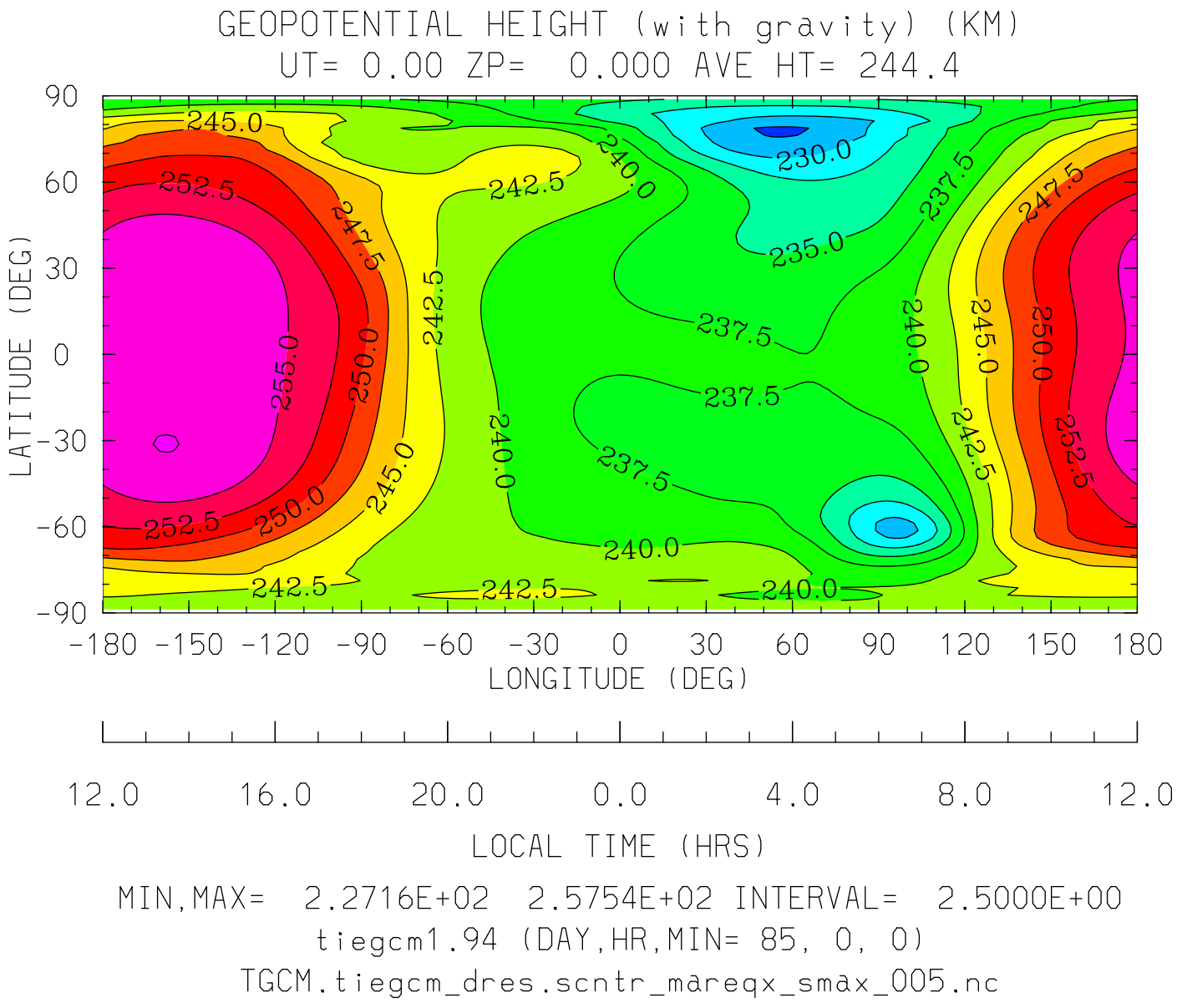

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= -4.000 AVE HT= 118.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
119.50
119.25
119.00
118.75
118.50
120.50
119.75
MIN,MAX= 1.1763E+02 1.2086E+02 INTERVAL= 2.5000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

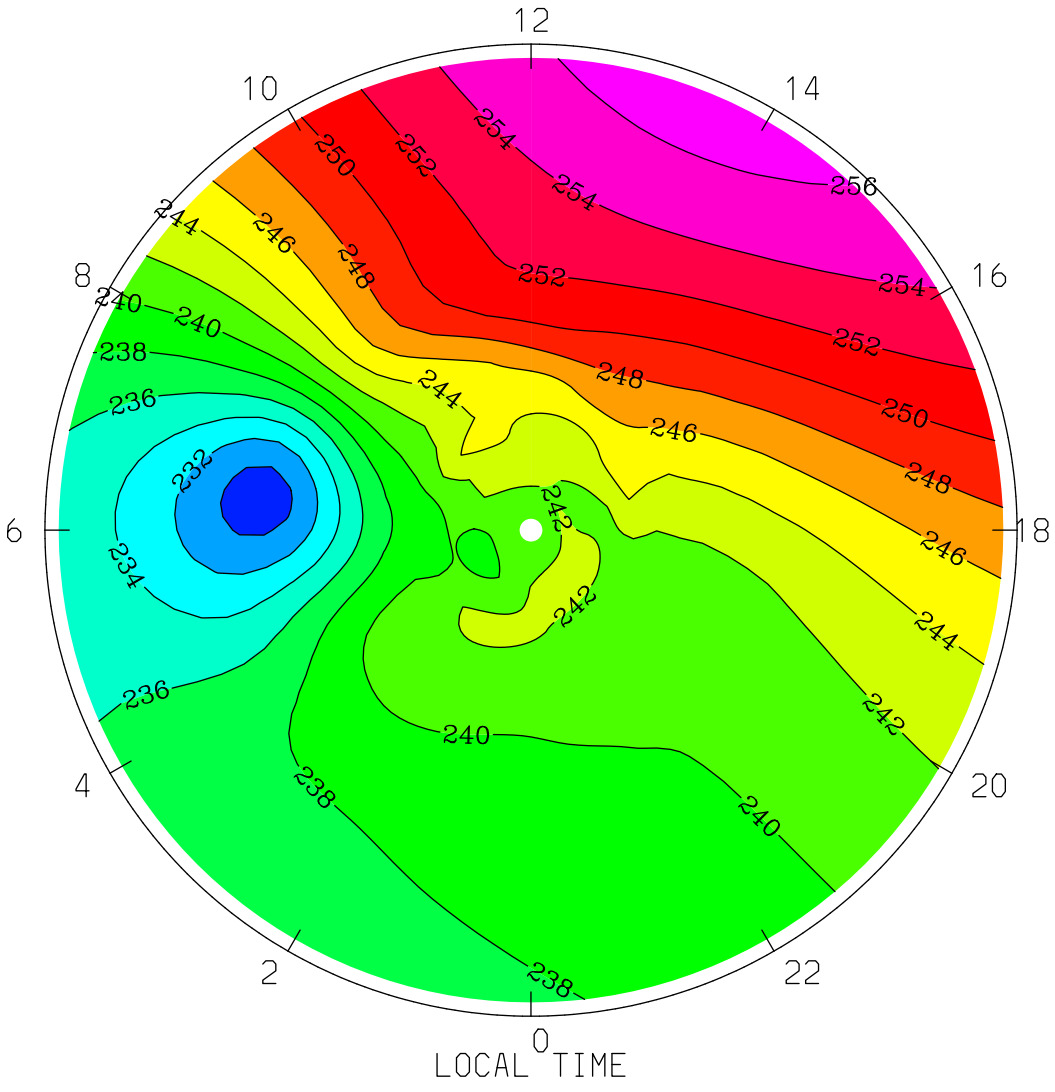


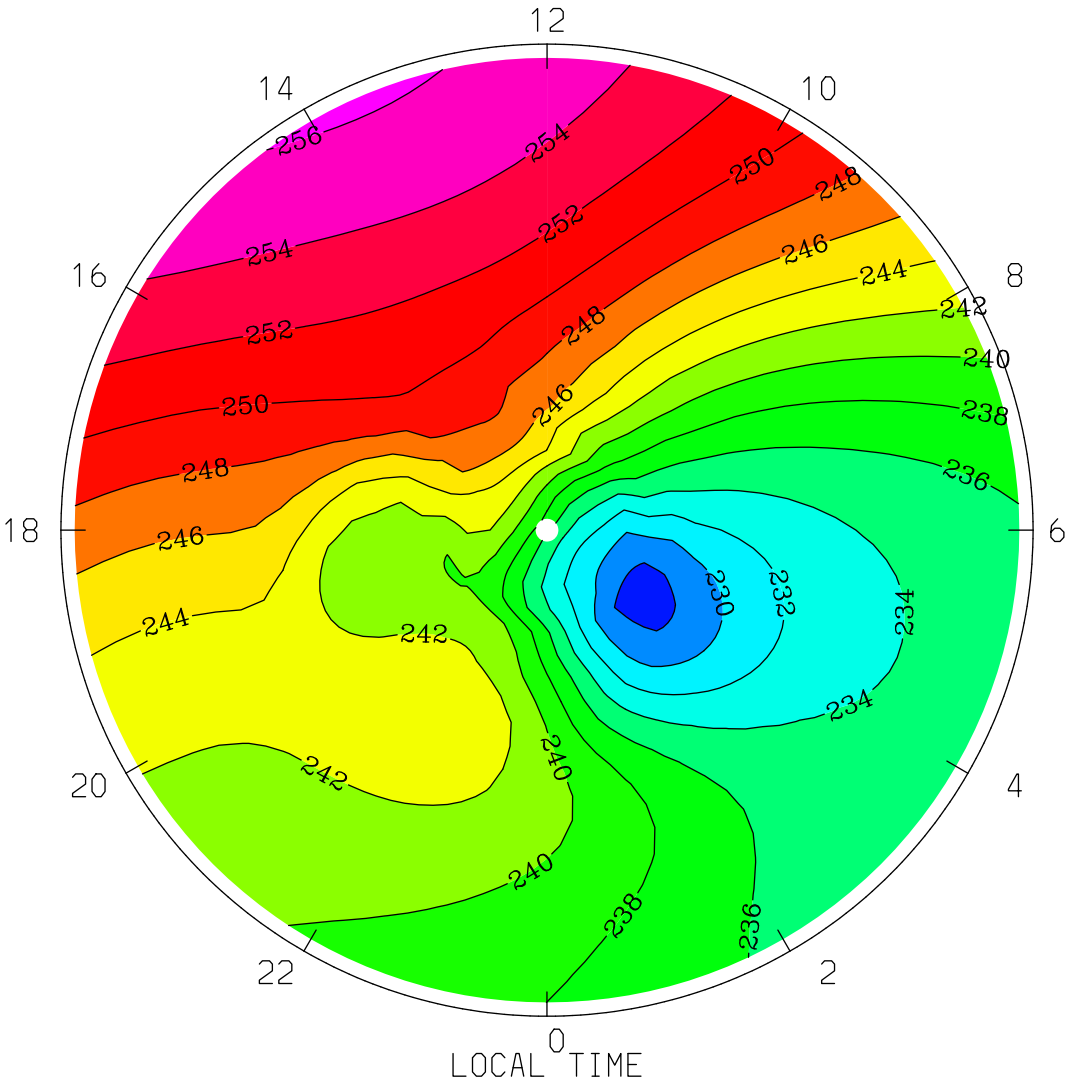
MIN,MAX= 1.1738E+02 1.2120E+02 INTERVAL= 2.5000E-01

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 0.000 AVE HT= 244.4
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)
245.0
252.5
247.5
242.5
240.0
230.0
237.5
235.0
255.0
250.0
MIN,MAX= 2.2716E+02 2.5754E+02 INTERVAL= 2.5000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

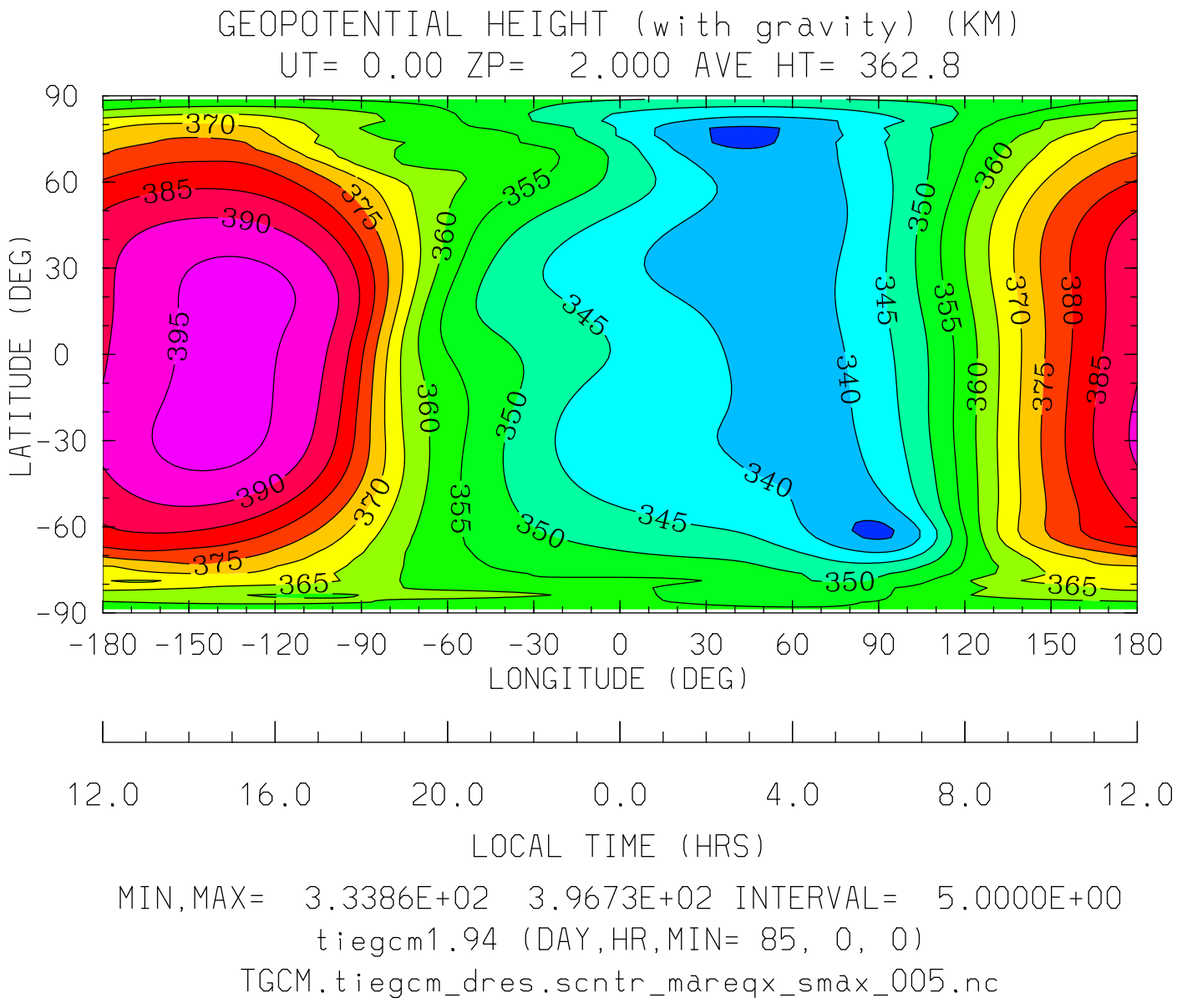

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 0.000 AVE HT= 244.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 2.2902E+02 2.5698E+02 INTERVAL= 2.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc

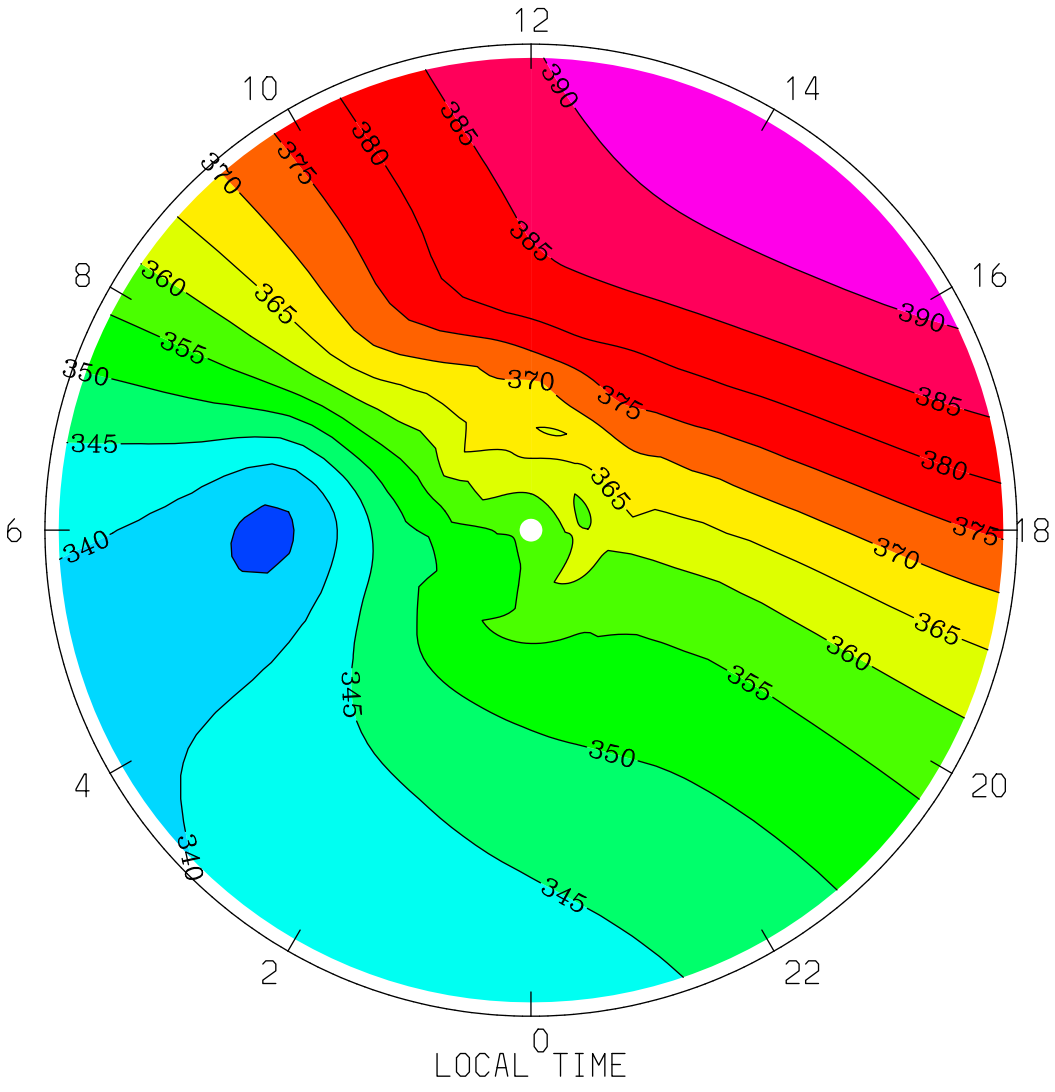


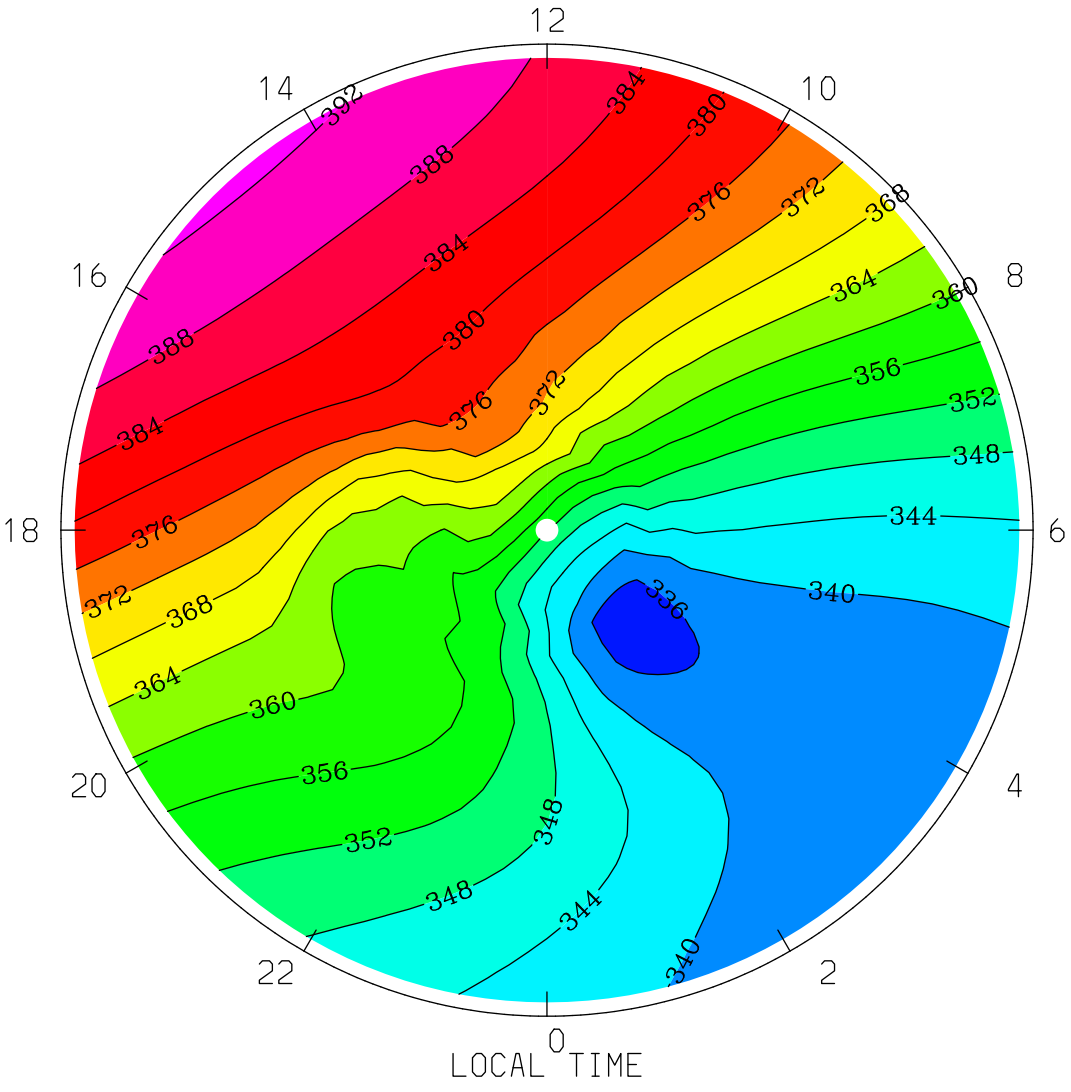
MIN,MAX= 2.2716E+02 2.5627E+02 INTERVAL= 2.0000E+00

tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 362.8
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= 3.3386E+02 3.9673E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 3.3386E+02 3.9479E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 362.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
392
388
384
380
376
372
368
364
360
356
352
348
344
340
336
LOCAL TIME
MIN,MAX= 3.3401E+02 3.9273E+02 INTERVAL= 4.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smax_005.nc