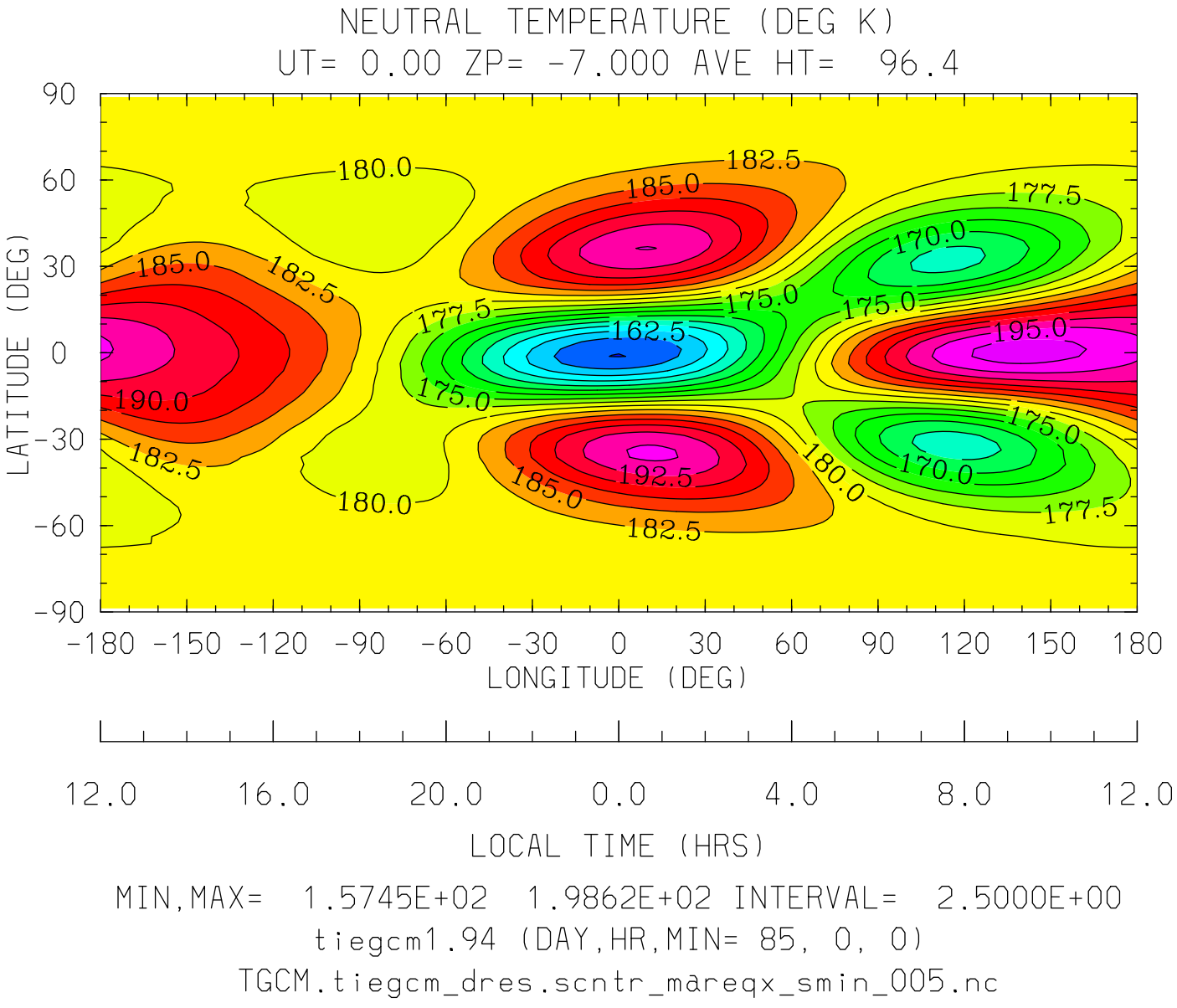
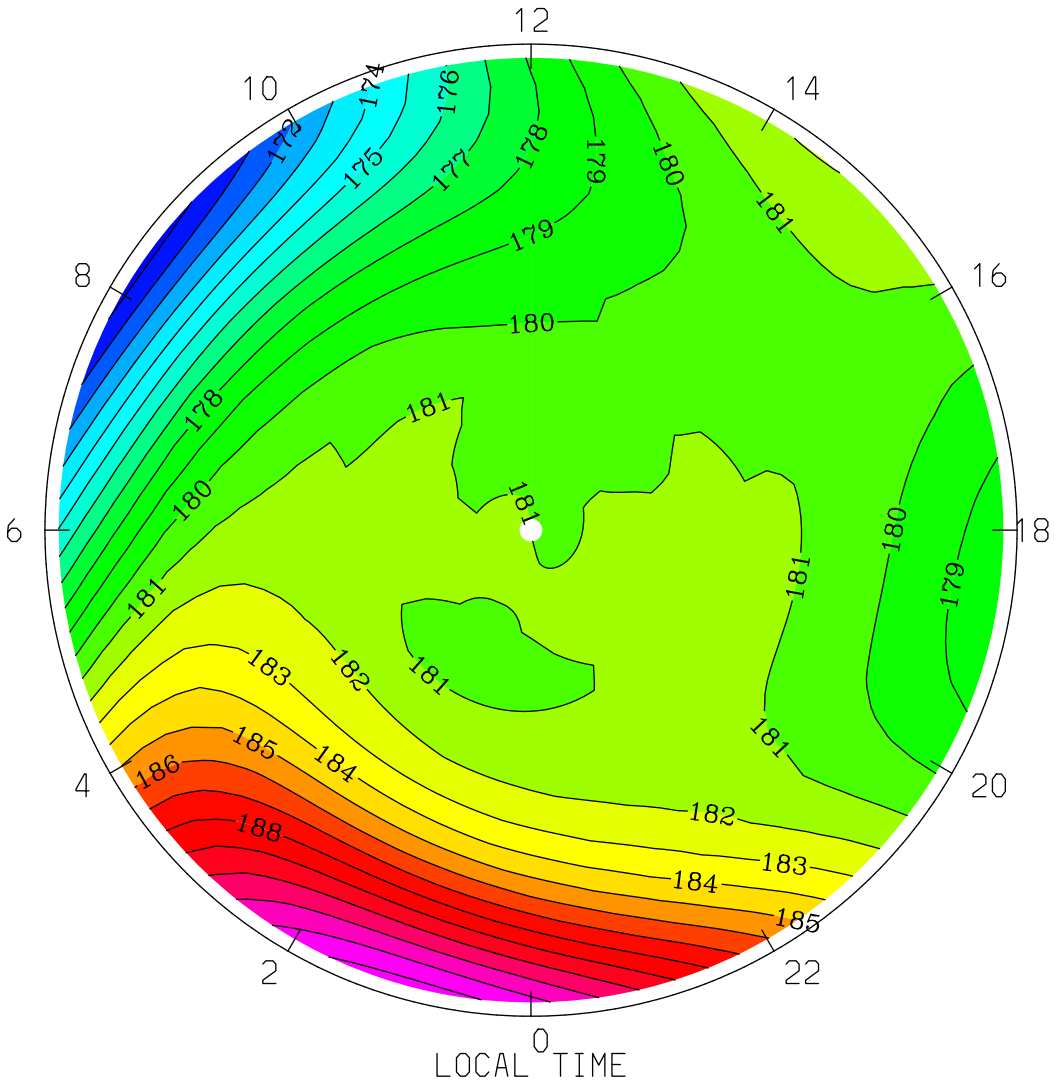
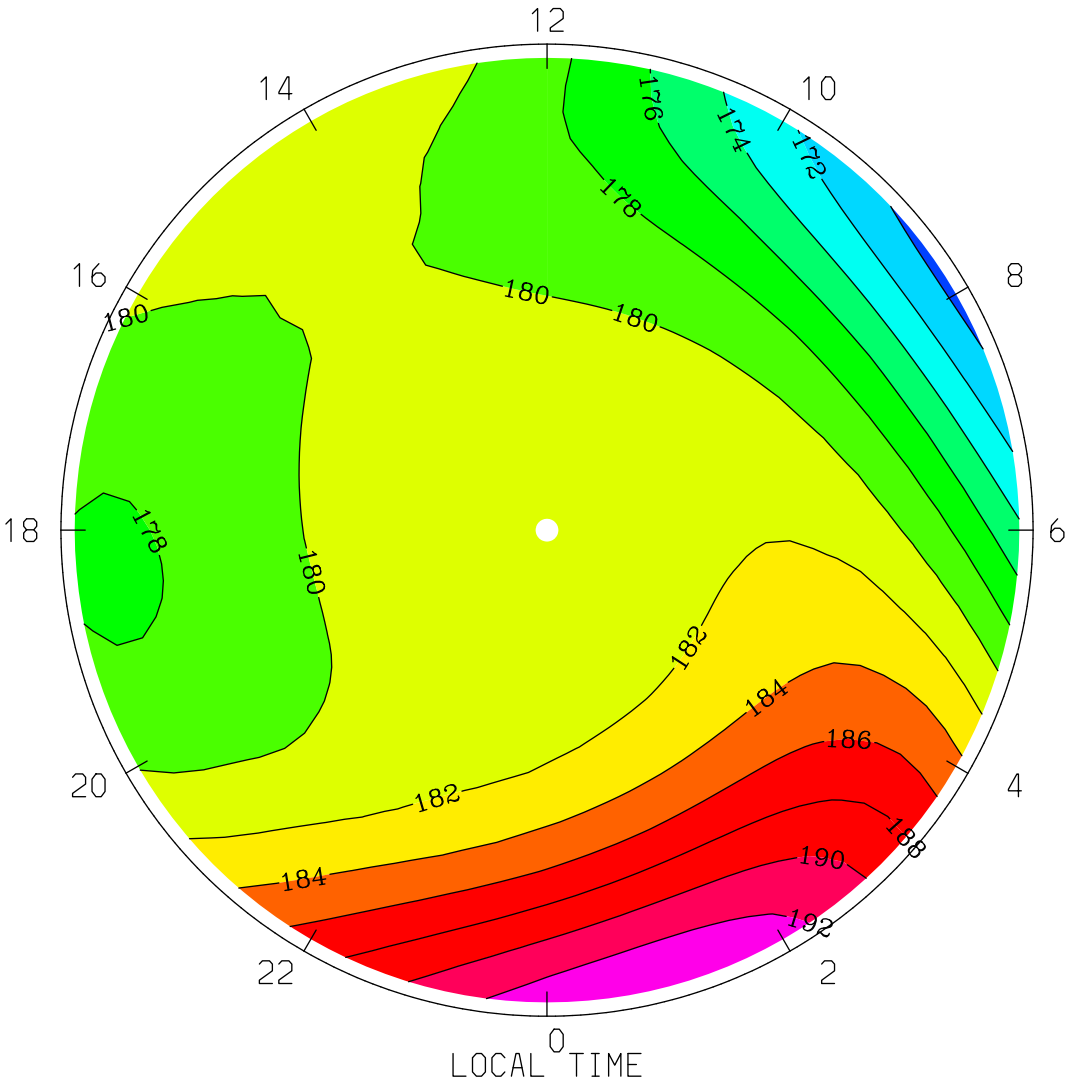

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
180.0
182.5
185.0
177.5
170.0
175.0
162.5
195.0
190.0
192.5
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.5745E+02 1.9862E+02 INTERVAL= 2.5000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

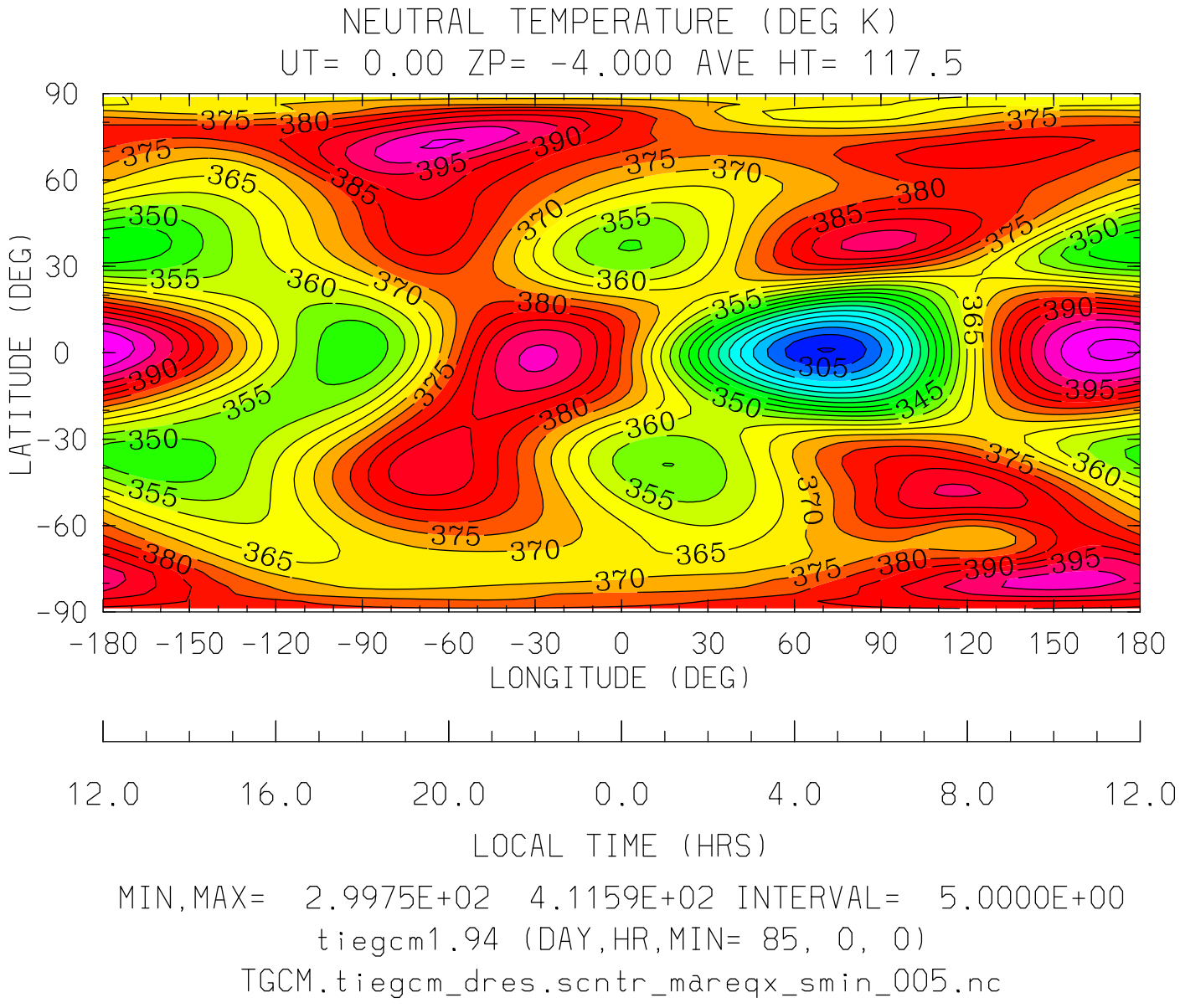

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 1.6966E+02 1.9343E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

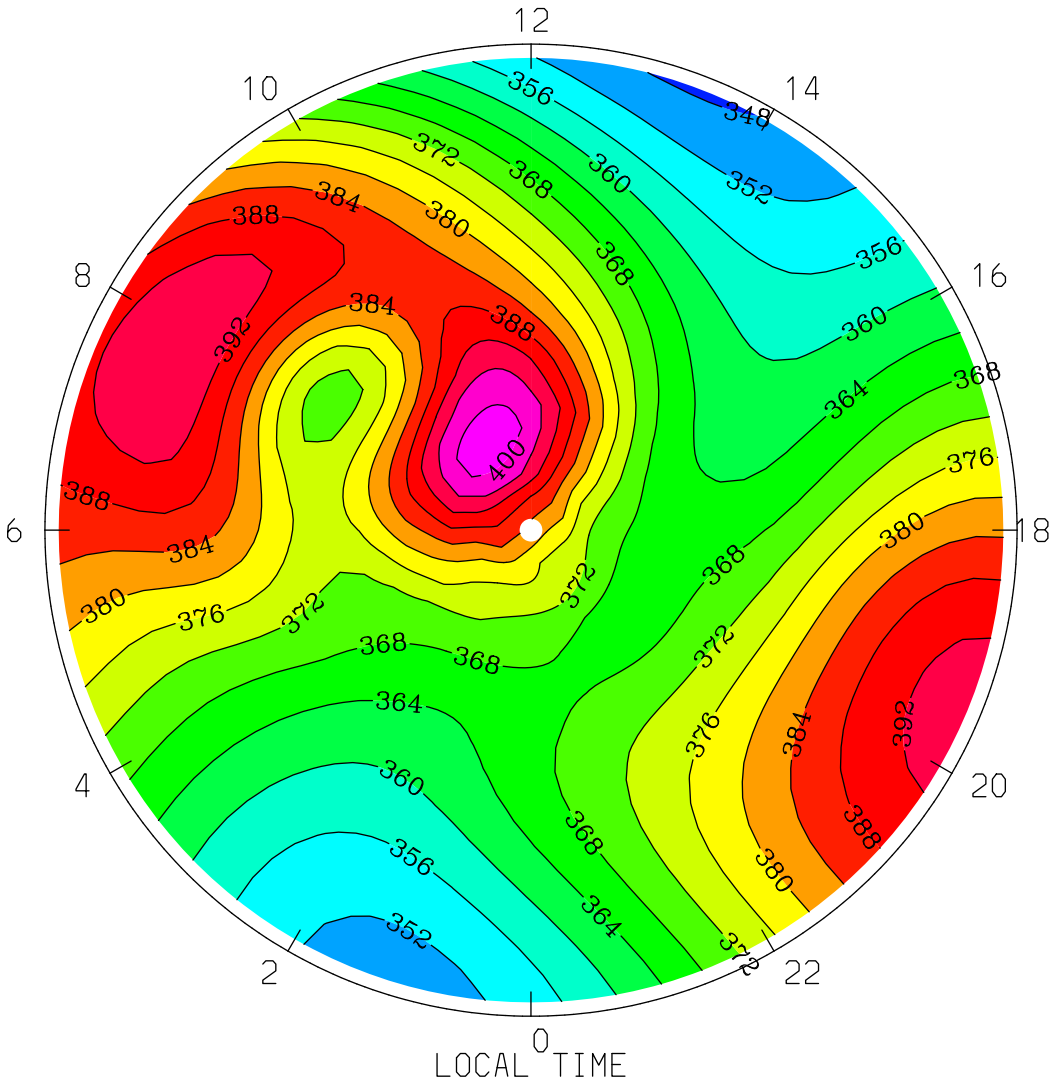


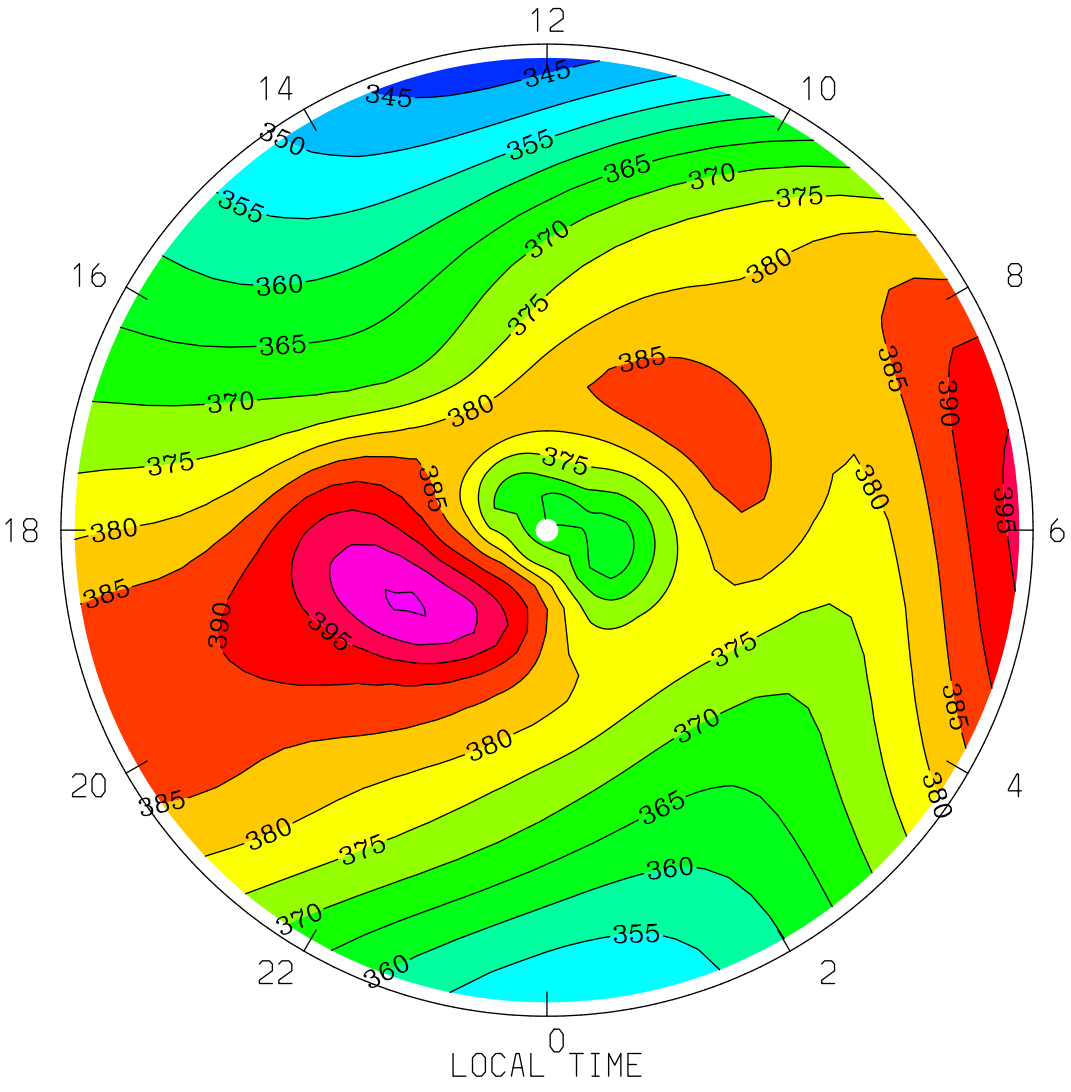
MIN,MAX= 1.6952E+02 1.9399E+02 INTERVAL= 2.0000E+00

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.000 AVE HT= 117.5
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= 2.9975E+02 4.1159E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

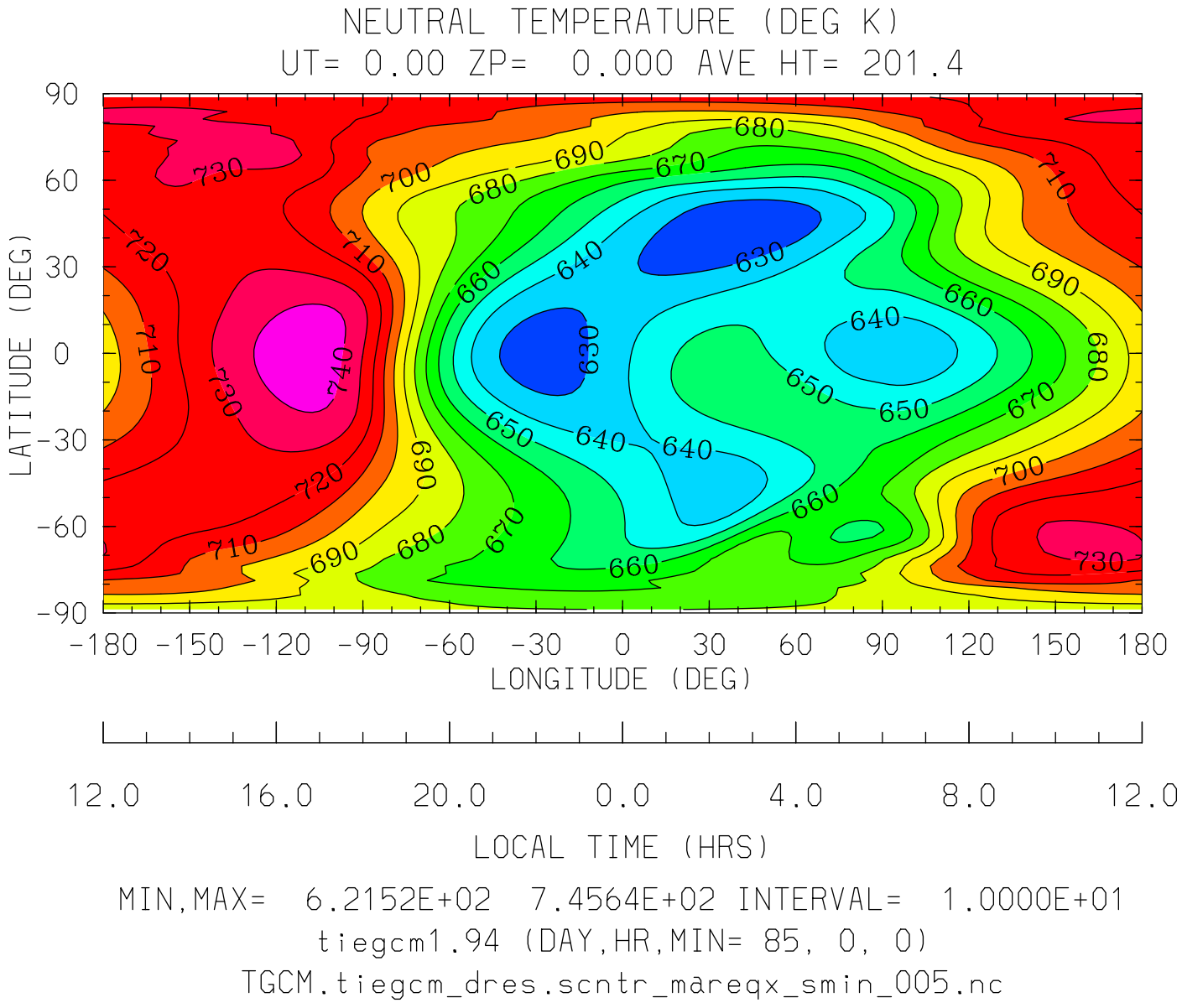

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.000 AVE HT= 117.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 3.4748E+02 4.0307E+02 INTERVAL= 4.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

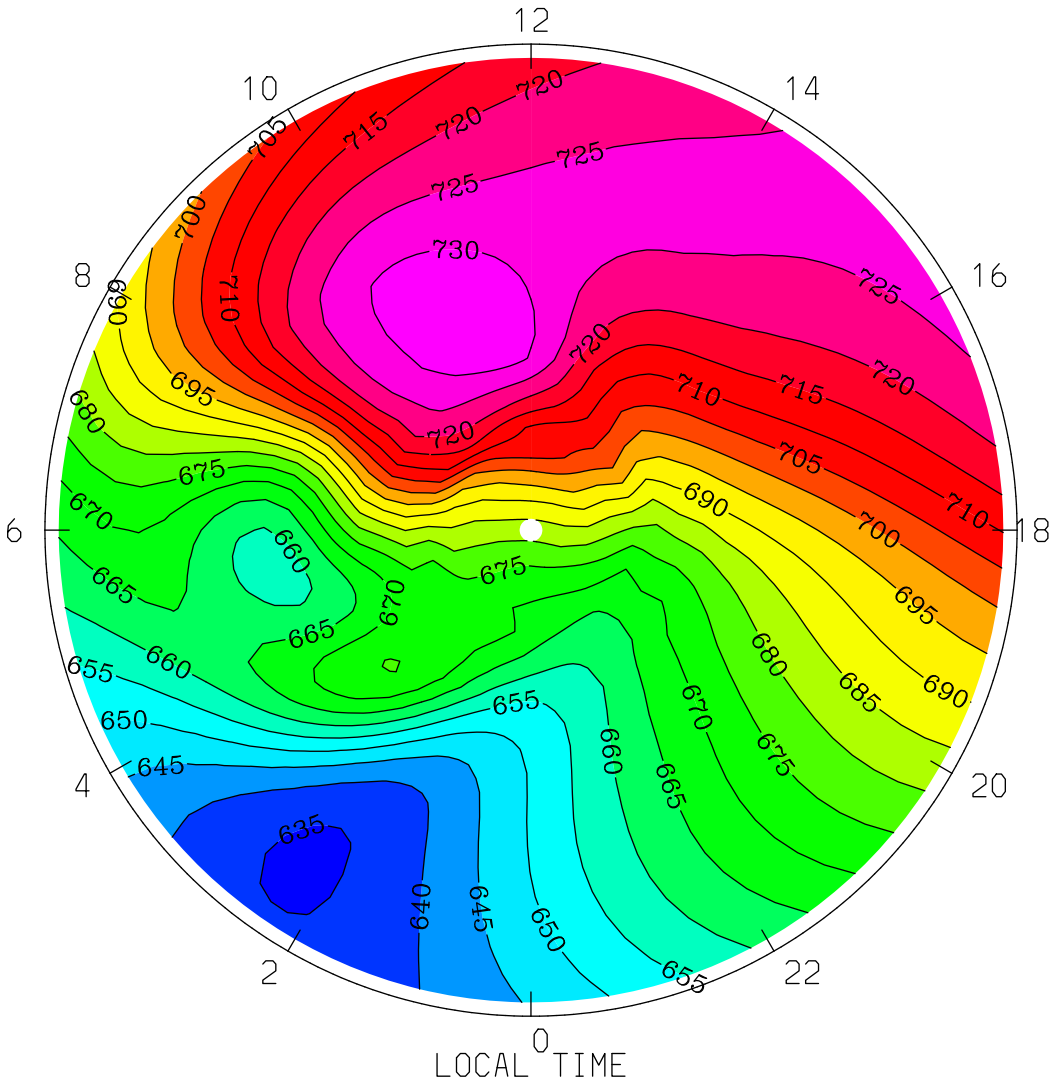


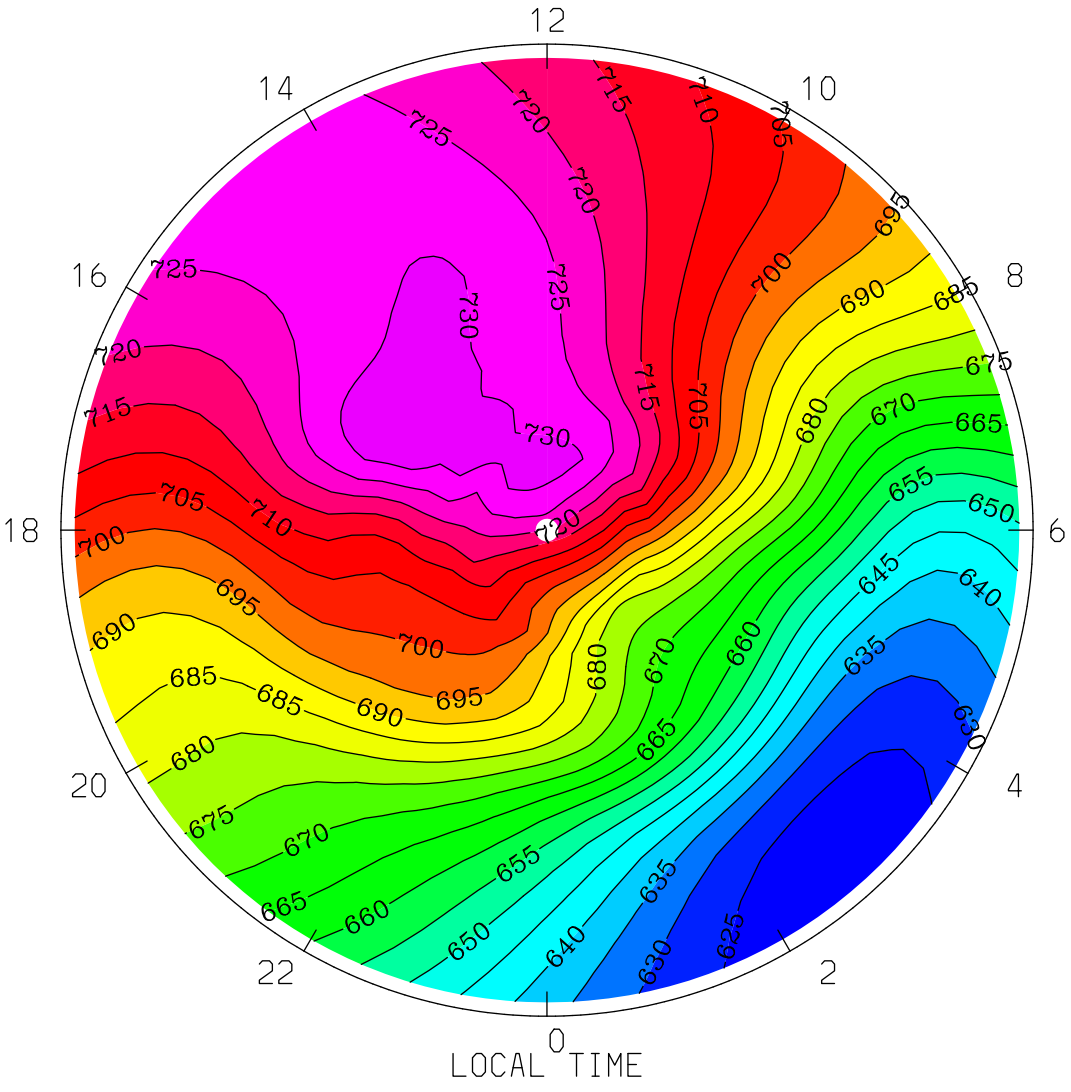
MIN,MAX= 3.4229E+02 4.0547E+02 INTERVAL= 5.0000E+00

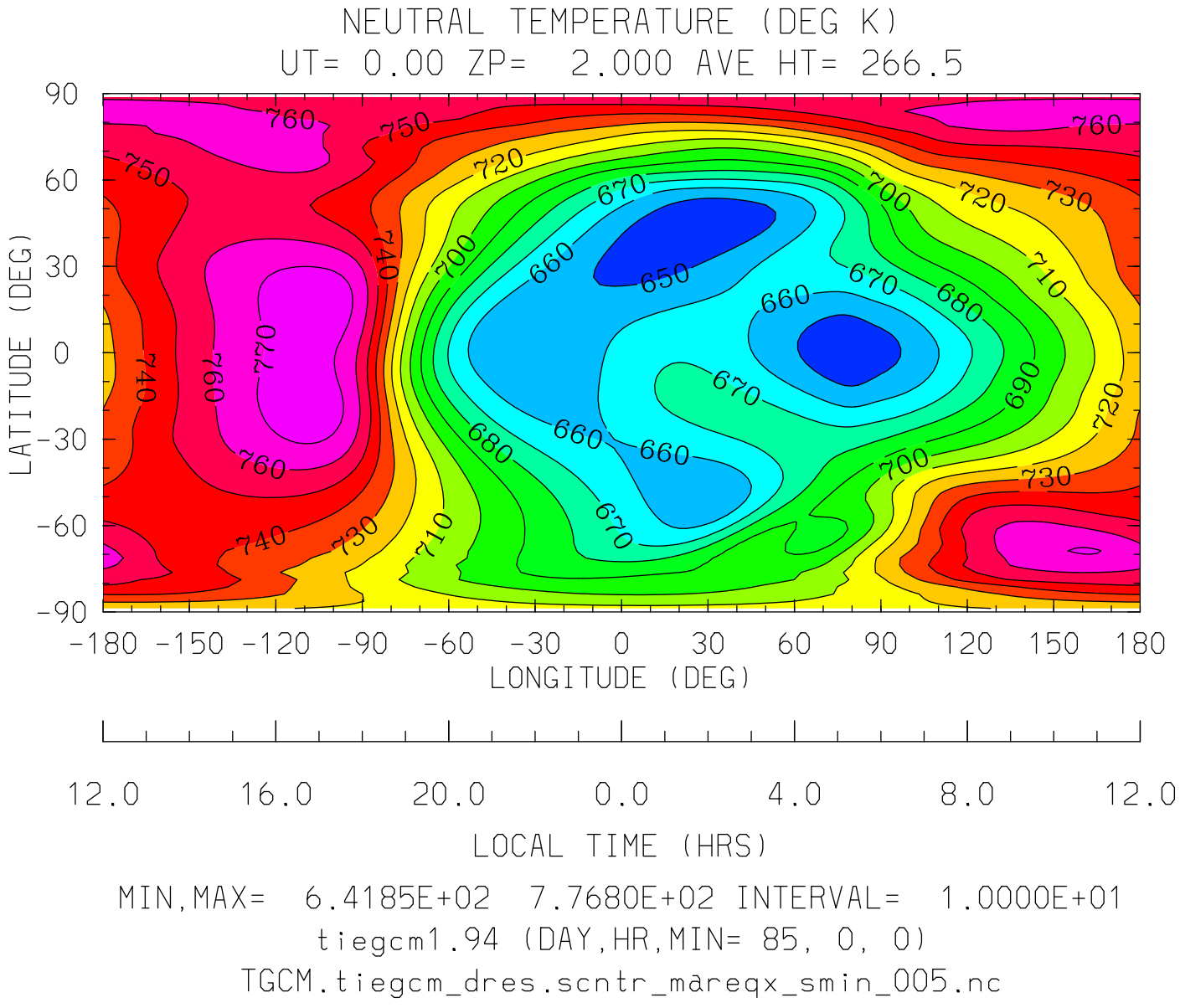
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

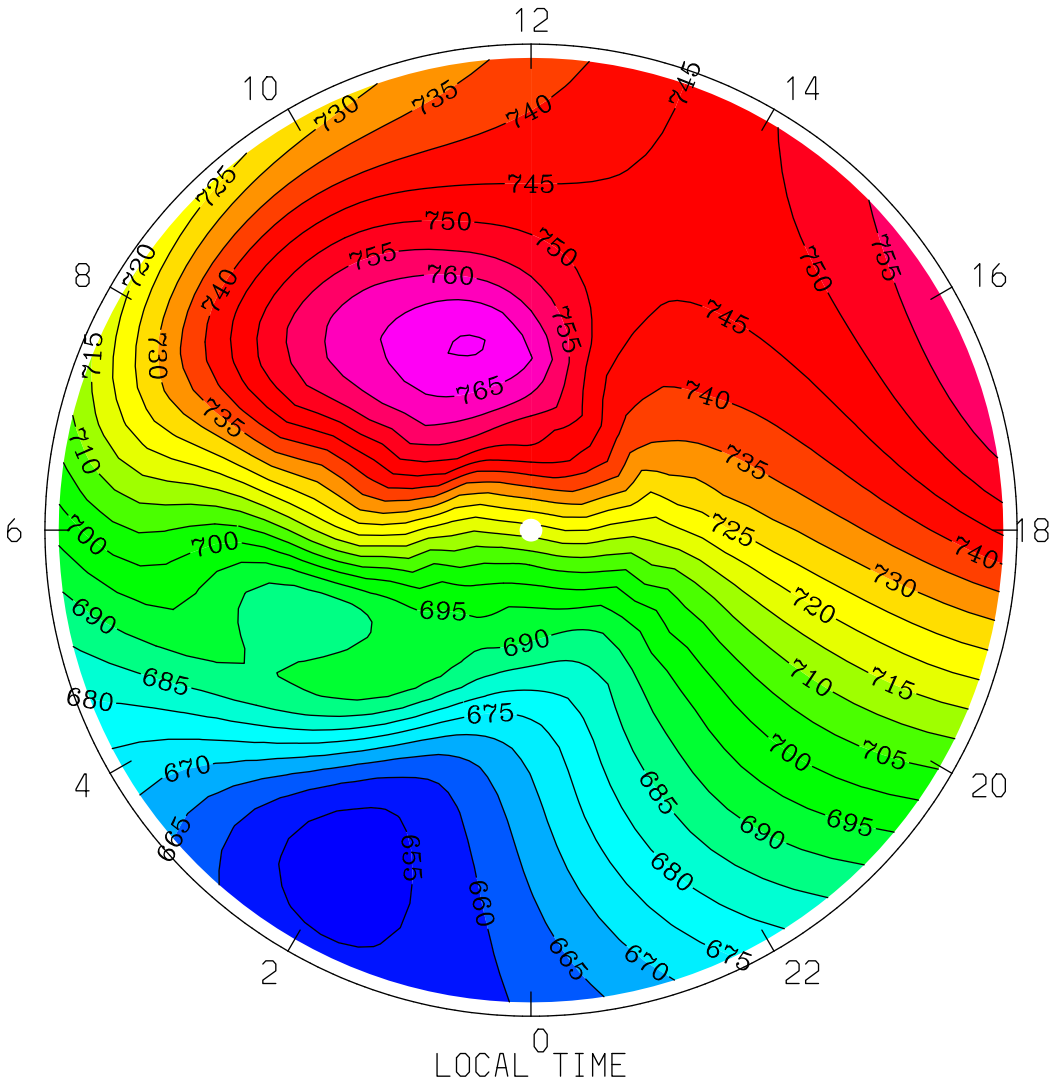
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

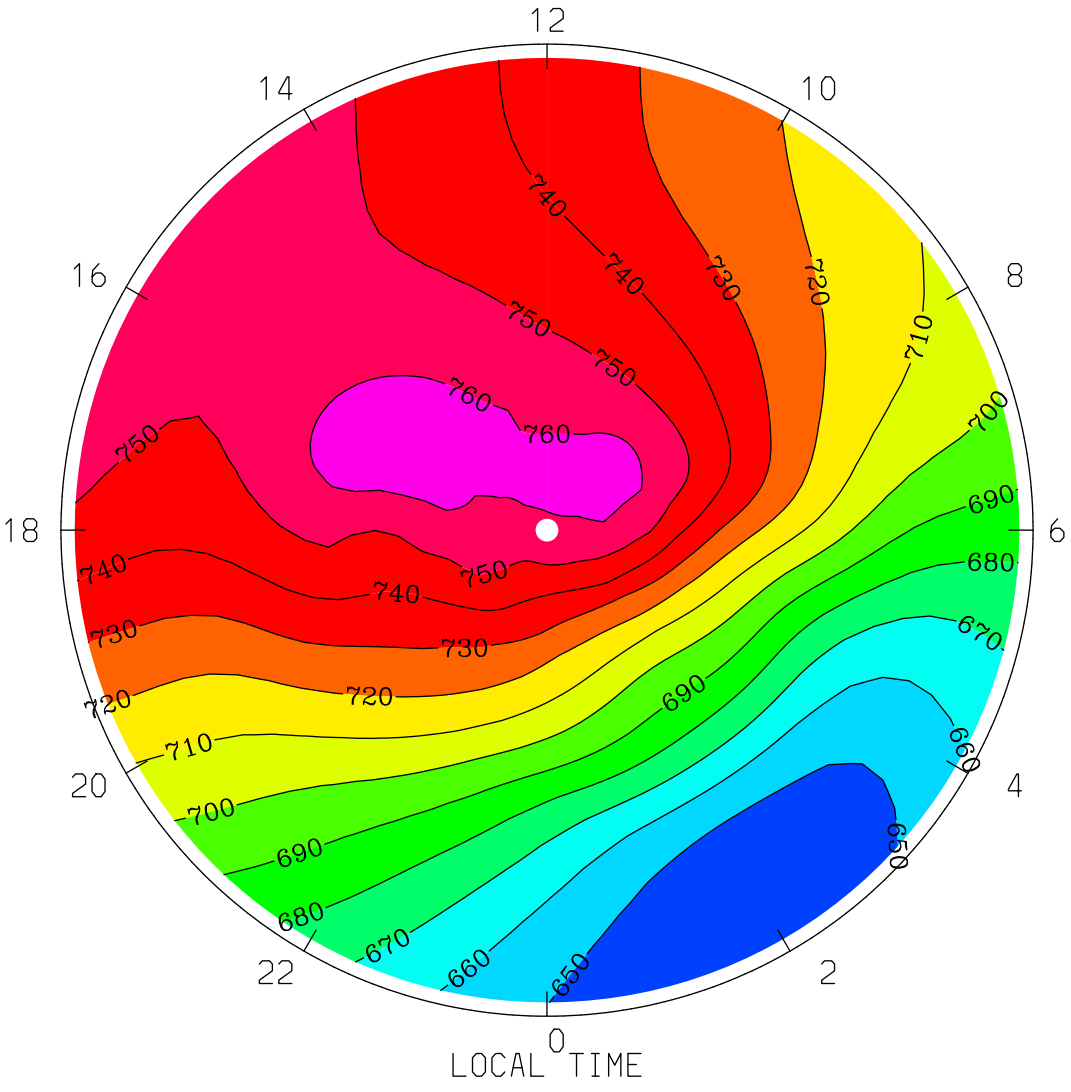

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 0.000 AVE HT= 201.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 6.2152E+02 7.4564E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 6.3427E+02 7.3487E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 6.2152E+02 7.3463E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 2.000 AVE HT= 266.5
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= 6.4185E+02 7.7680E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

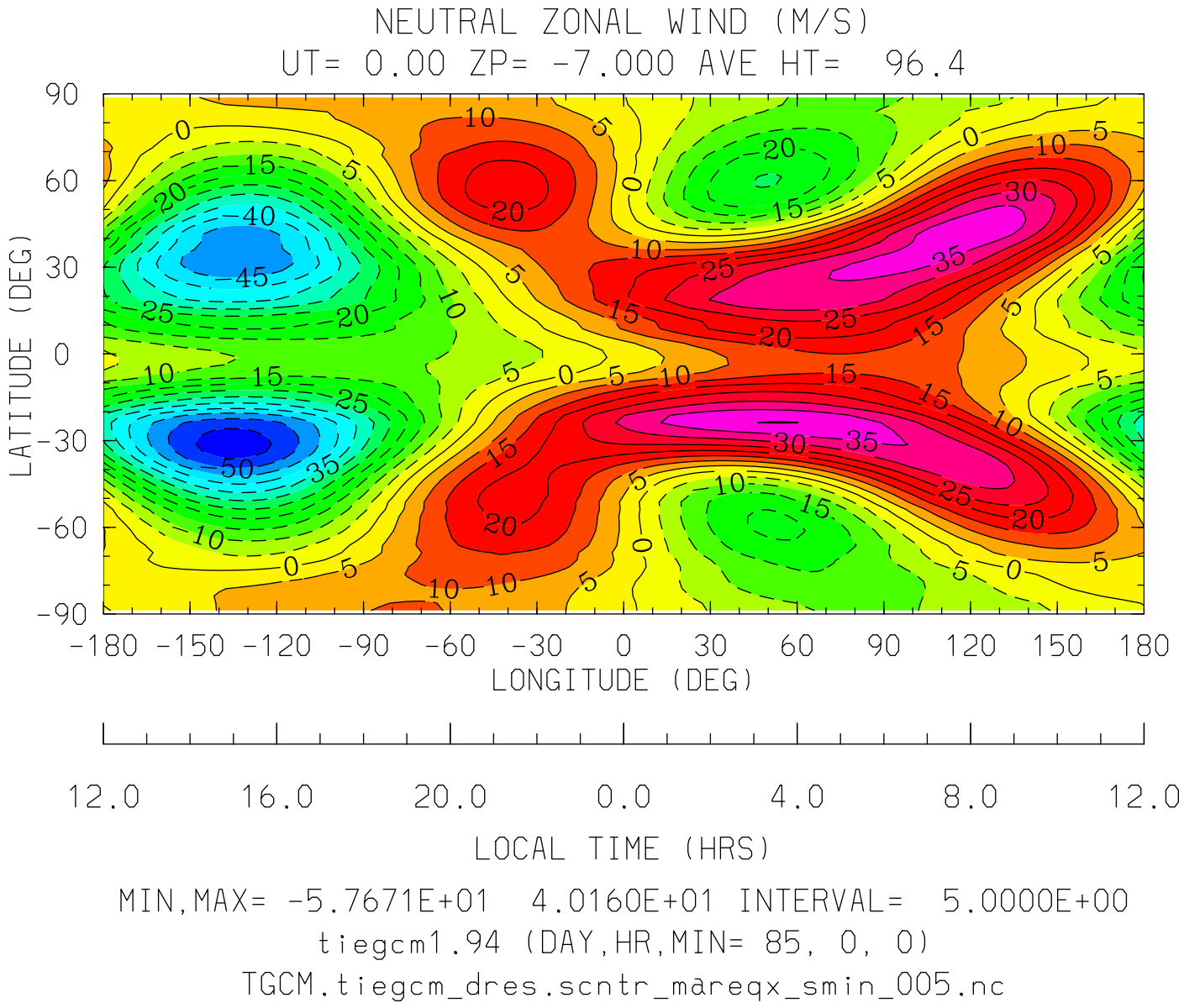

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 2.000 AVE HT= 266.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 6.5273E+02 7.7063E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

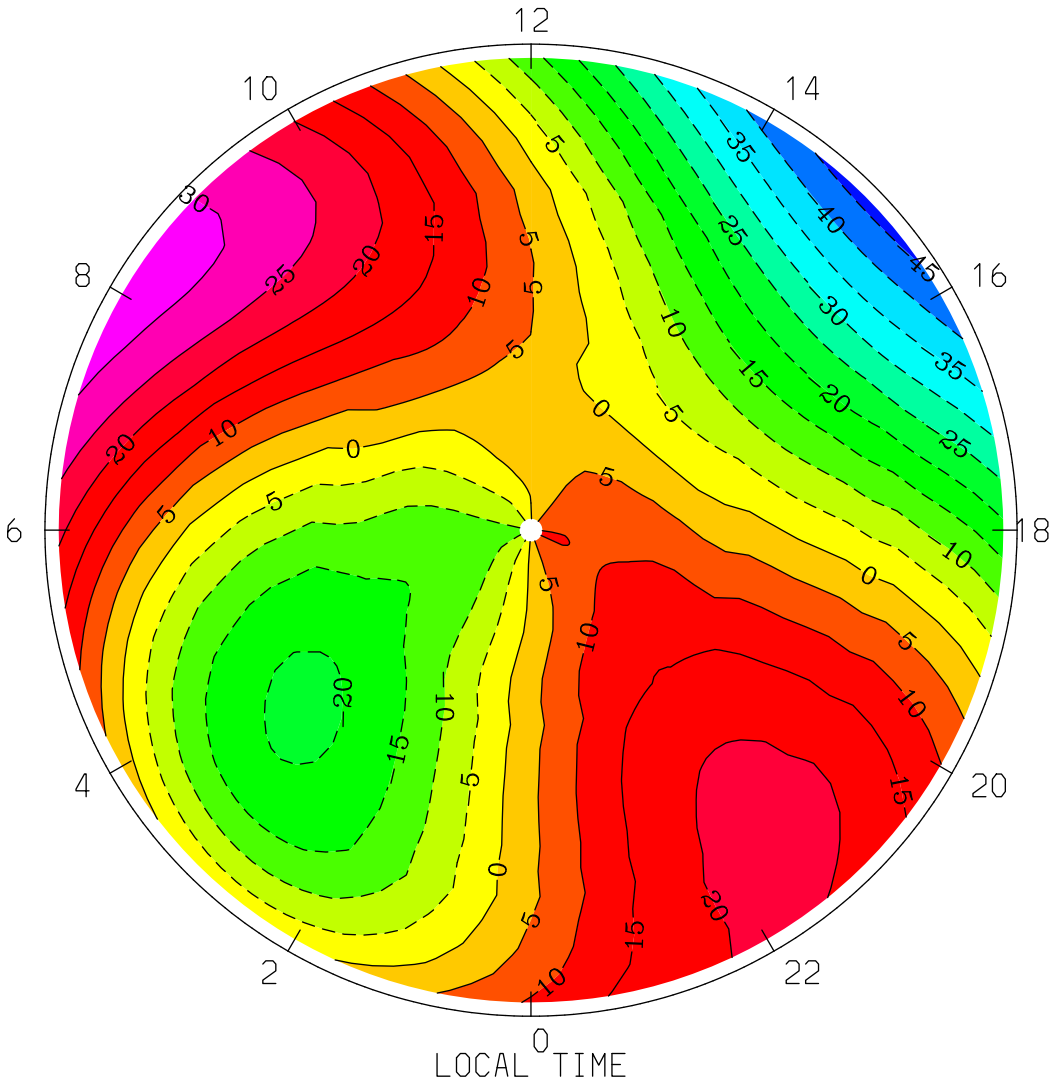


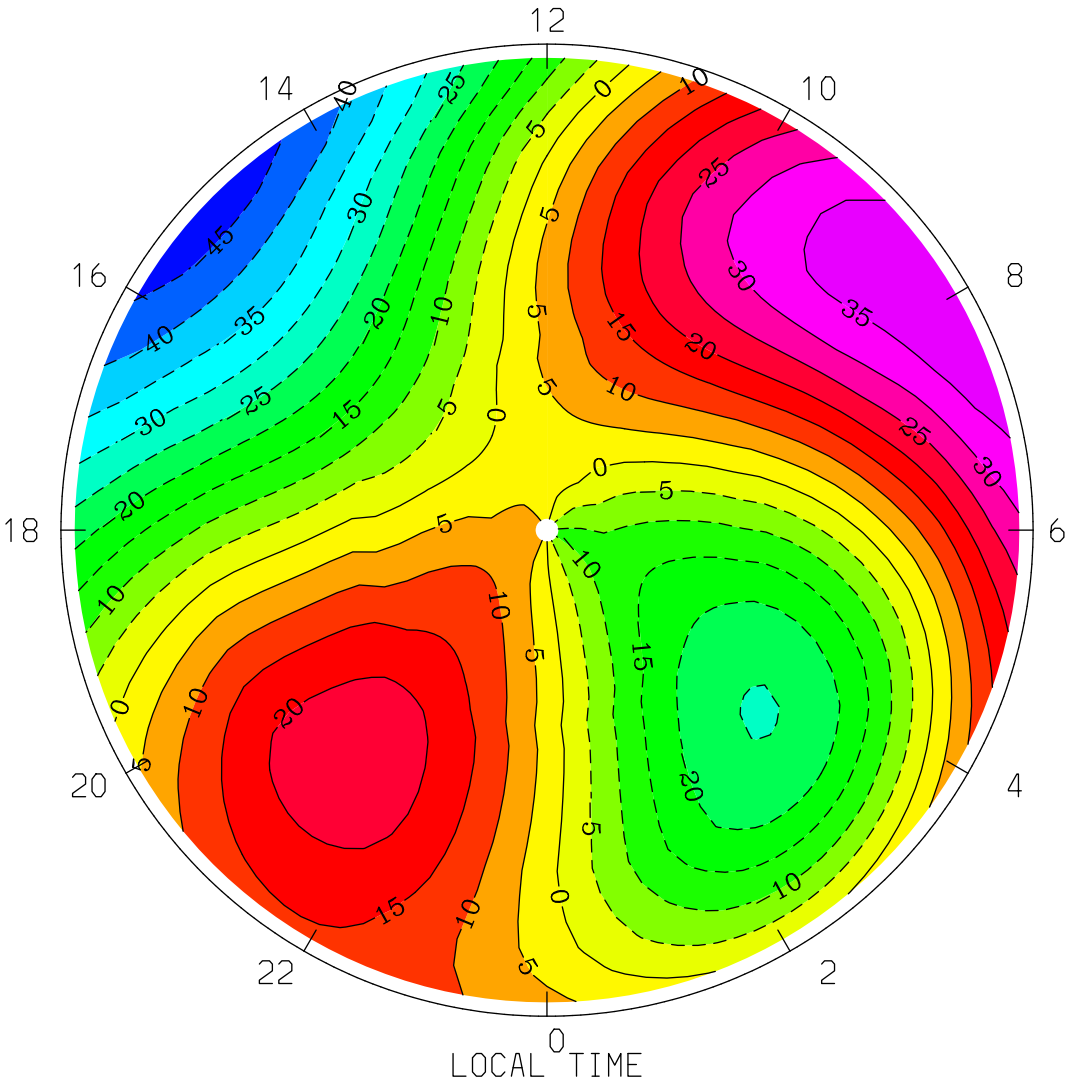
MIN,MAX= 6.4191E+02 7.6847E+02 INTERVAL= 1.0000E+01

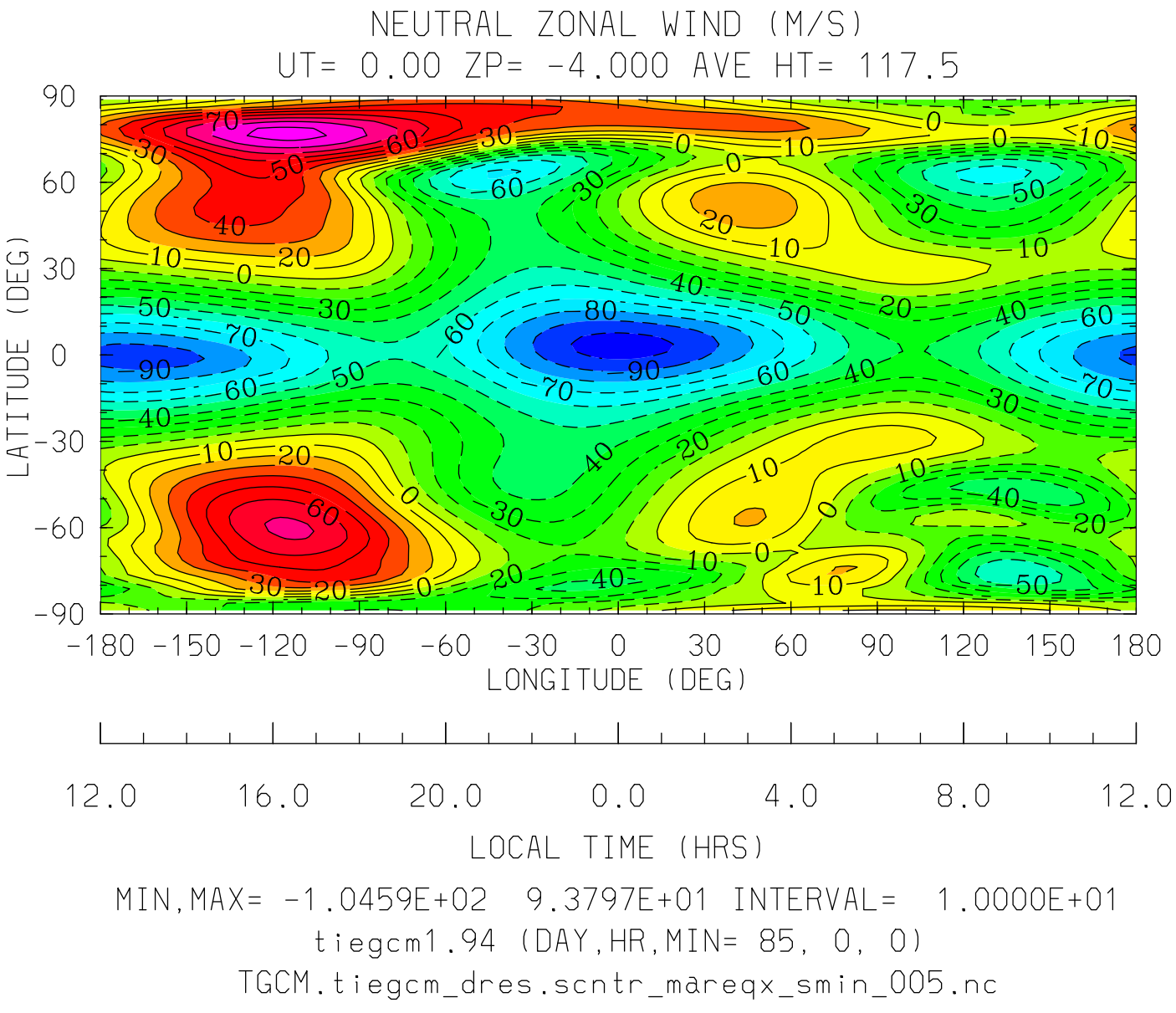
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

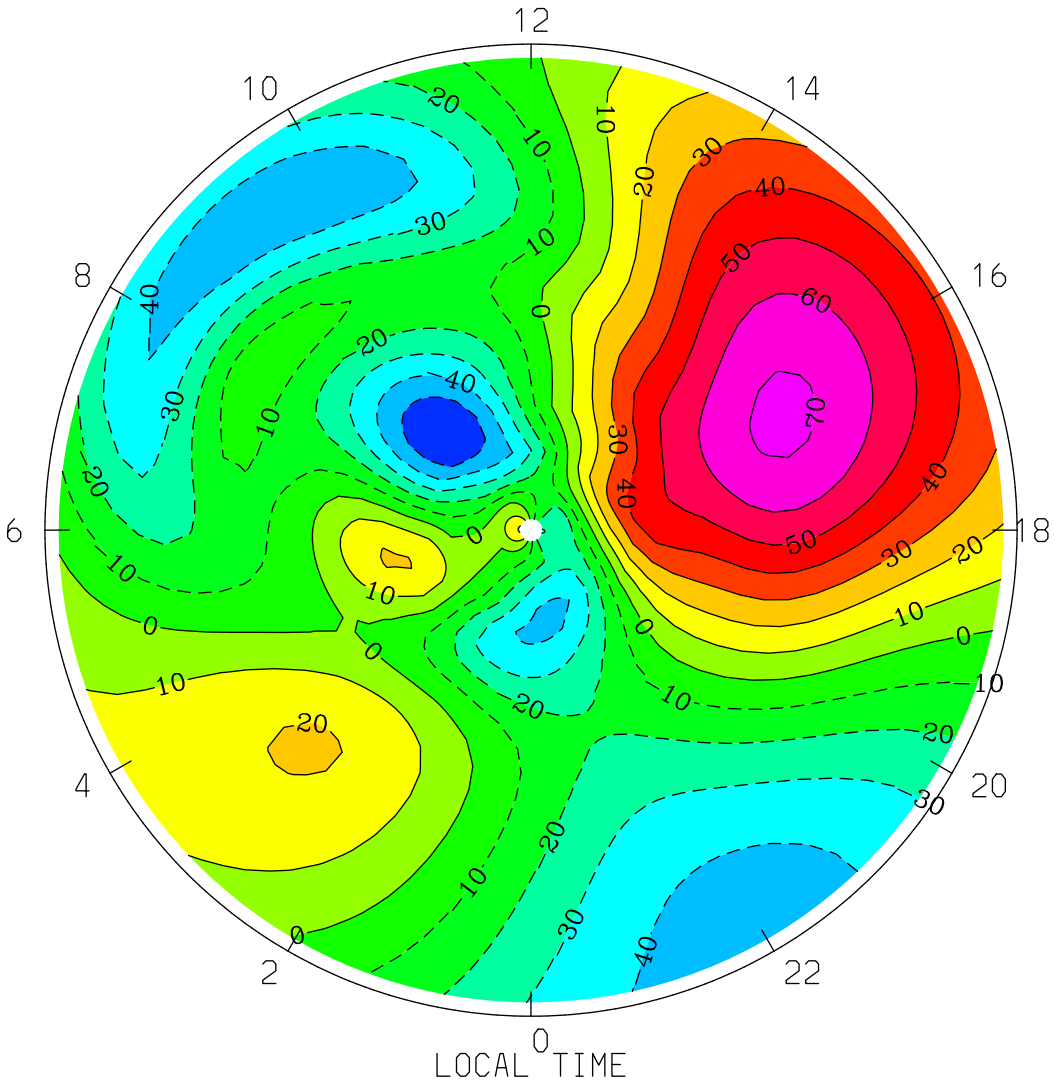
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

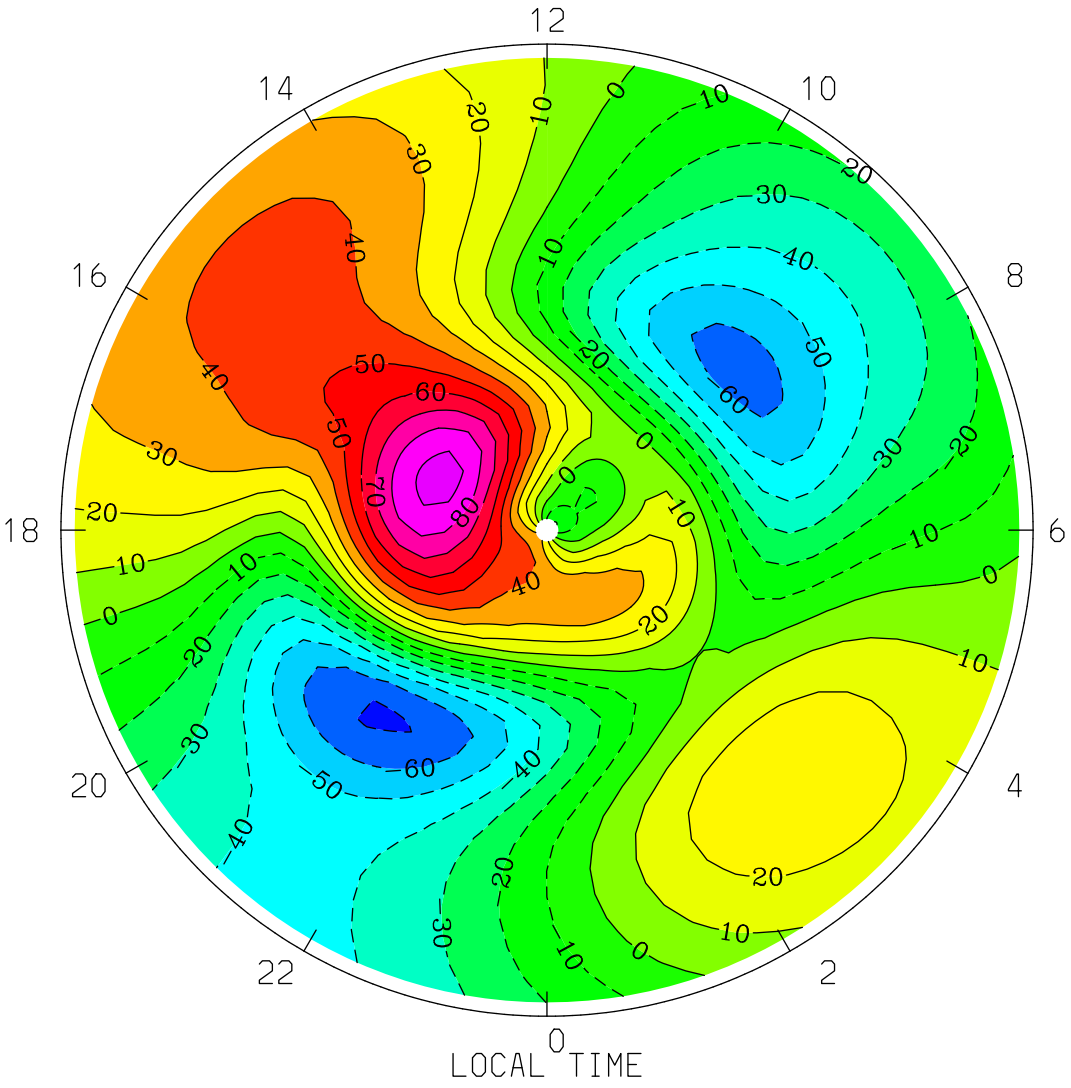

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.7671E+01 4.0160E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

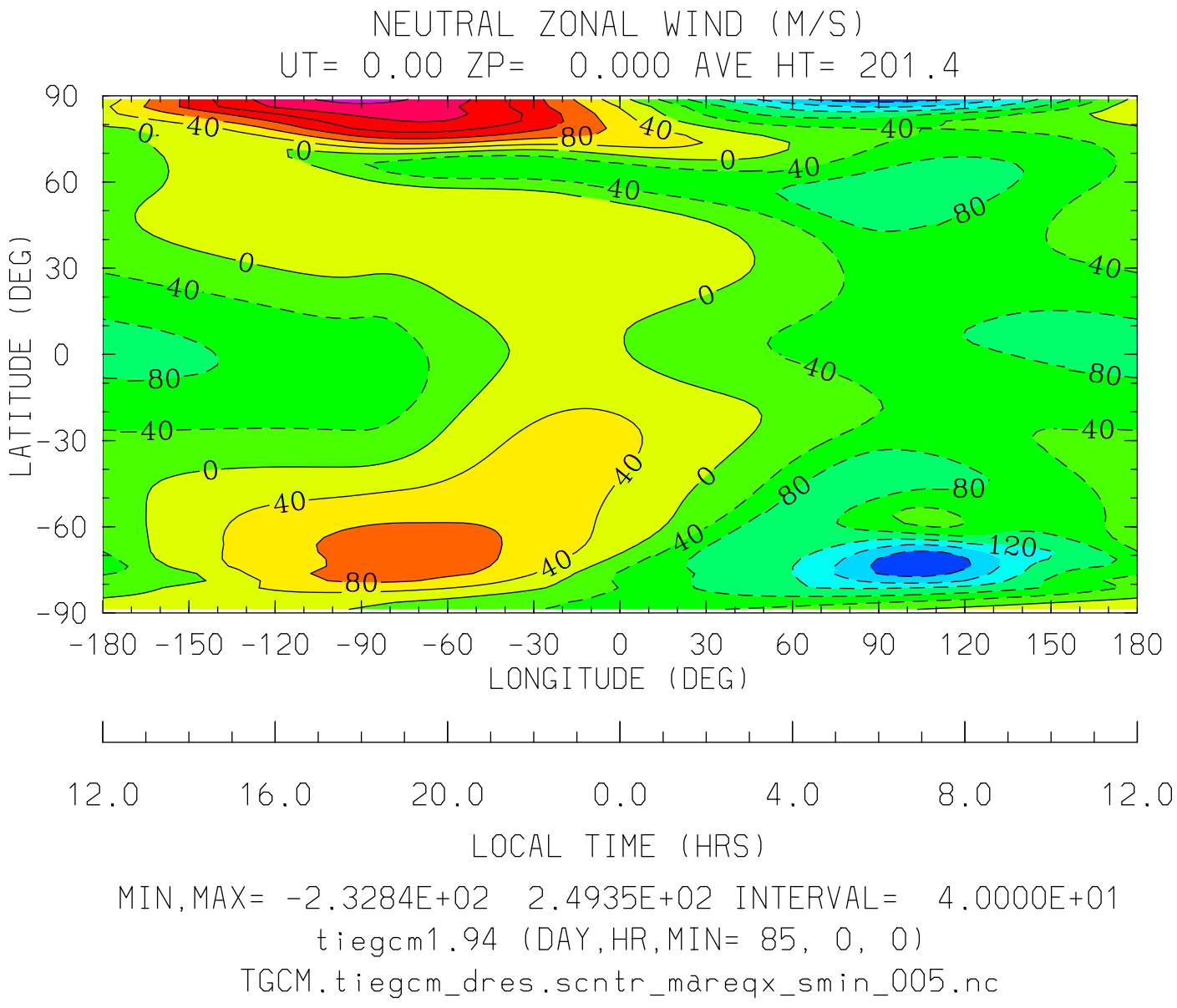

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -4.6613E+01 3.2860E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

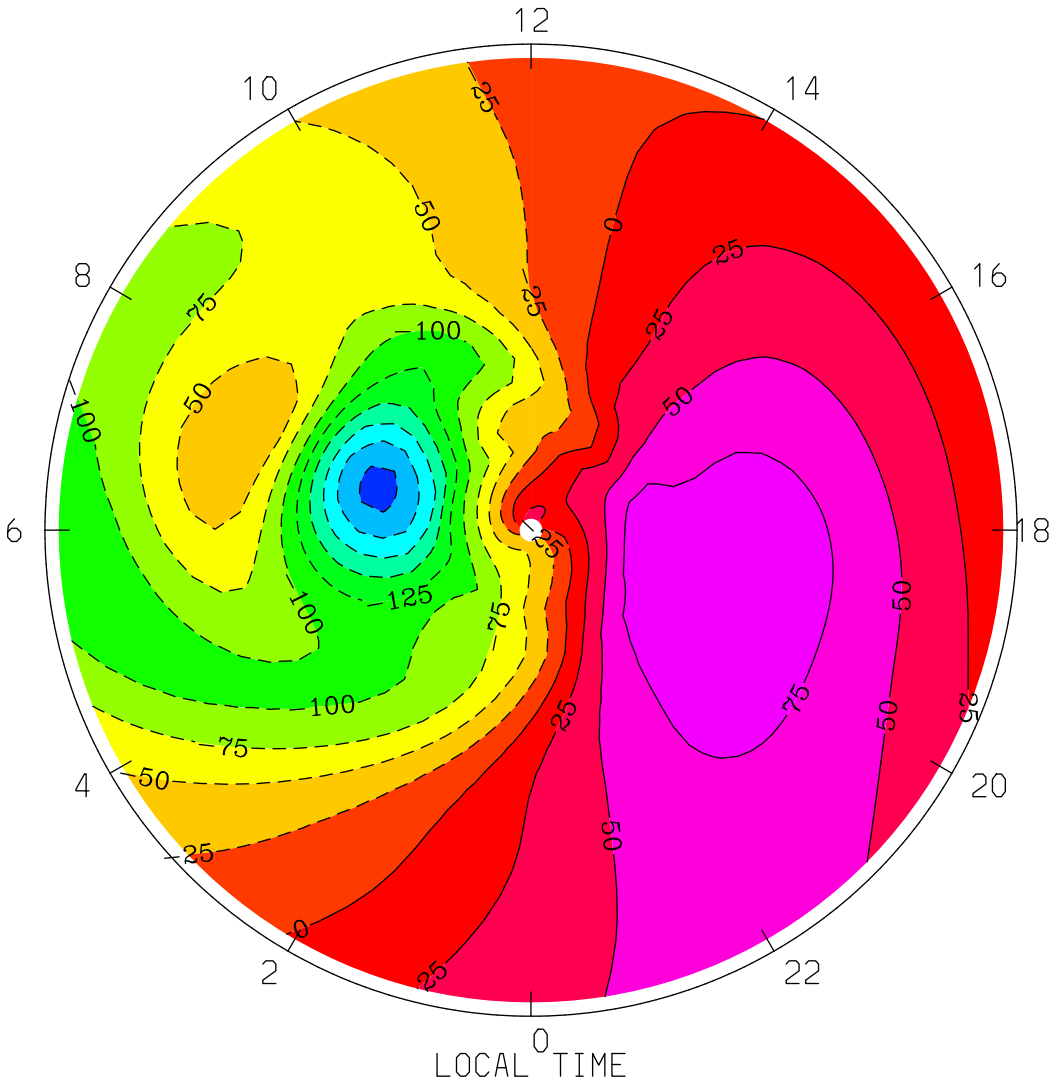

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -4.8178E+01 3.9233E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

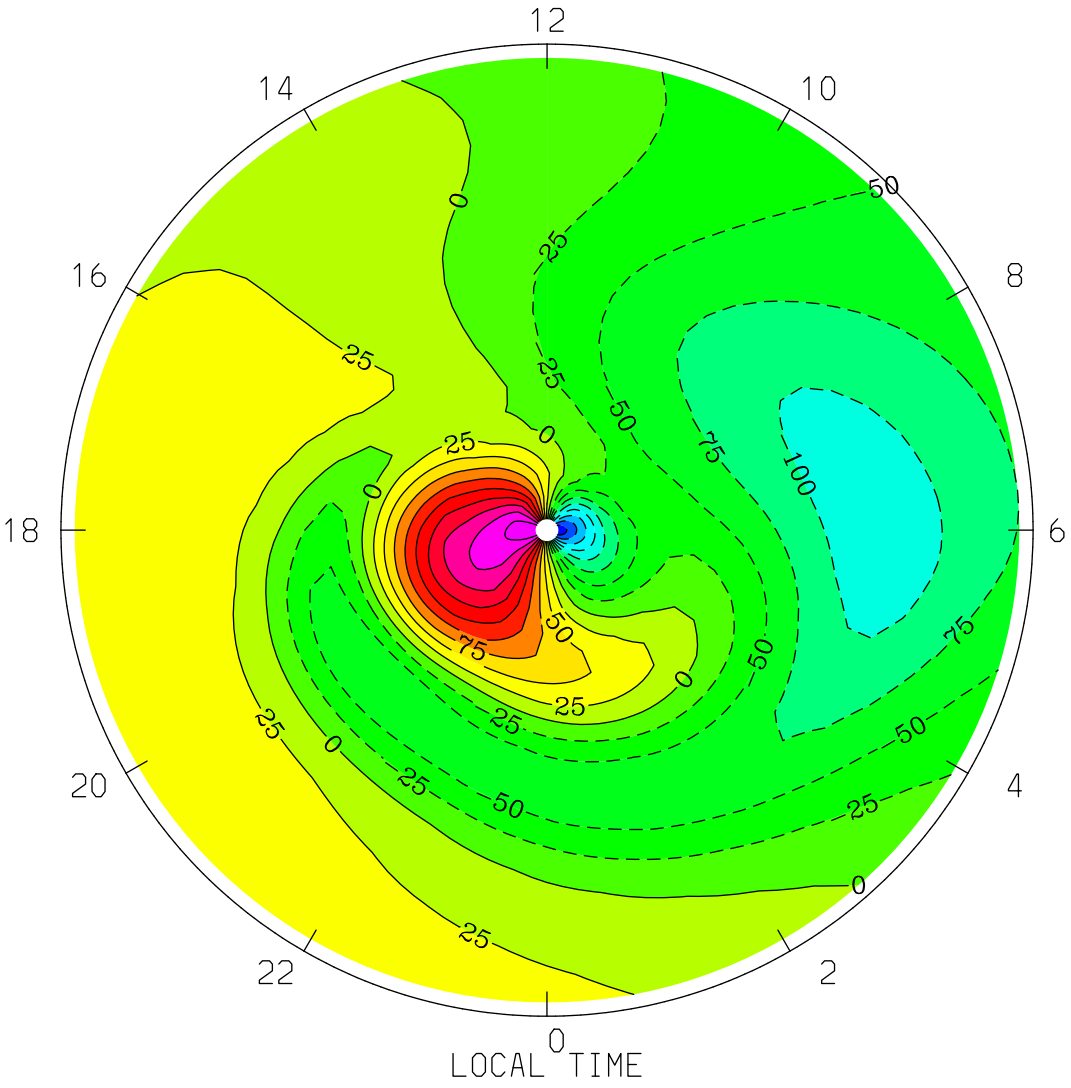

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 117.5
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.0459E+02 9.3797E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

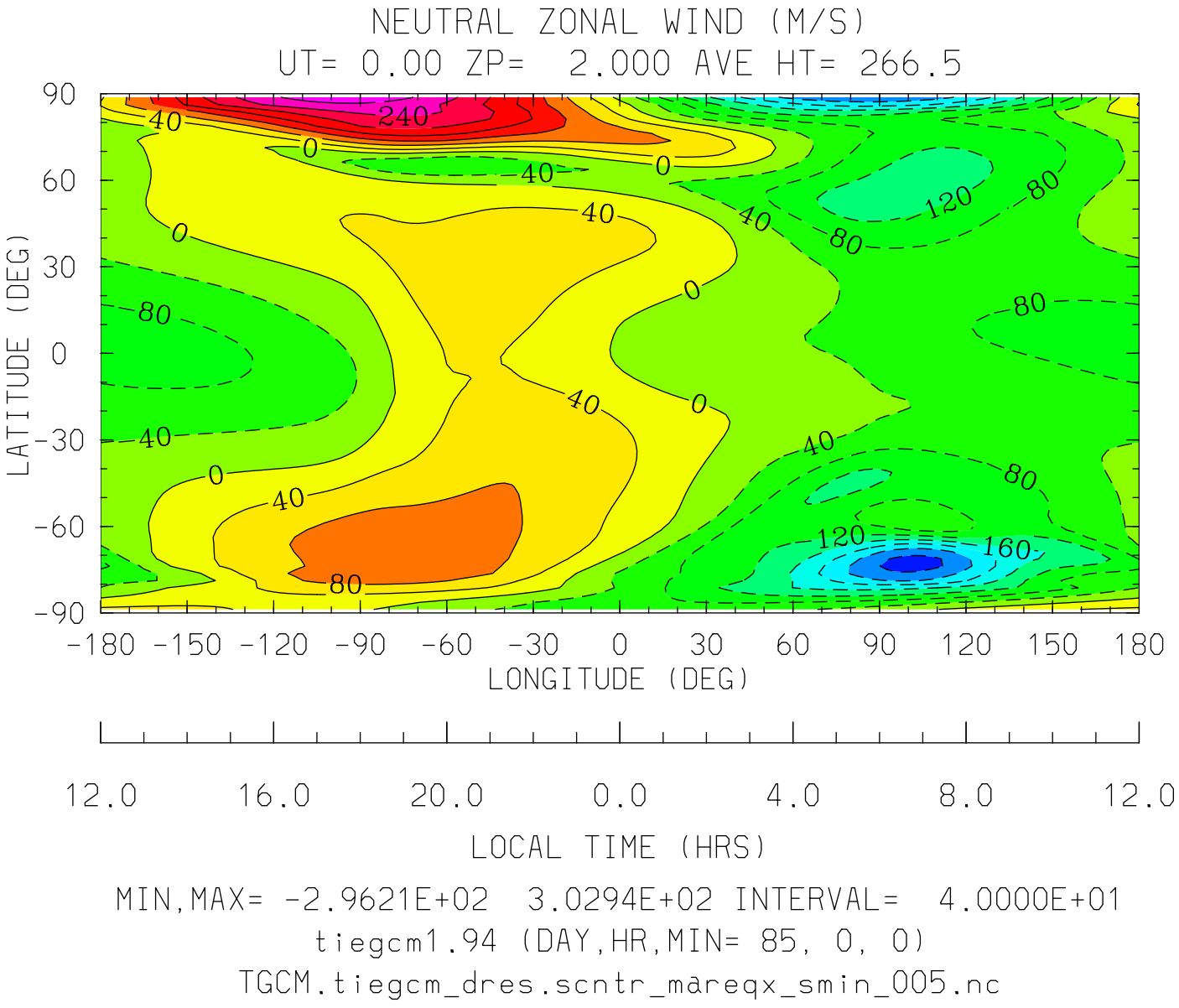

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 117.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -5.9813E+01 7.2045E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

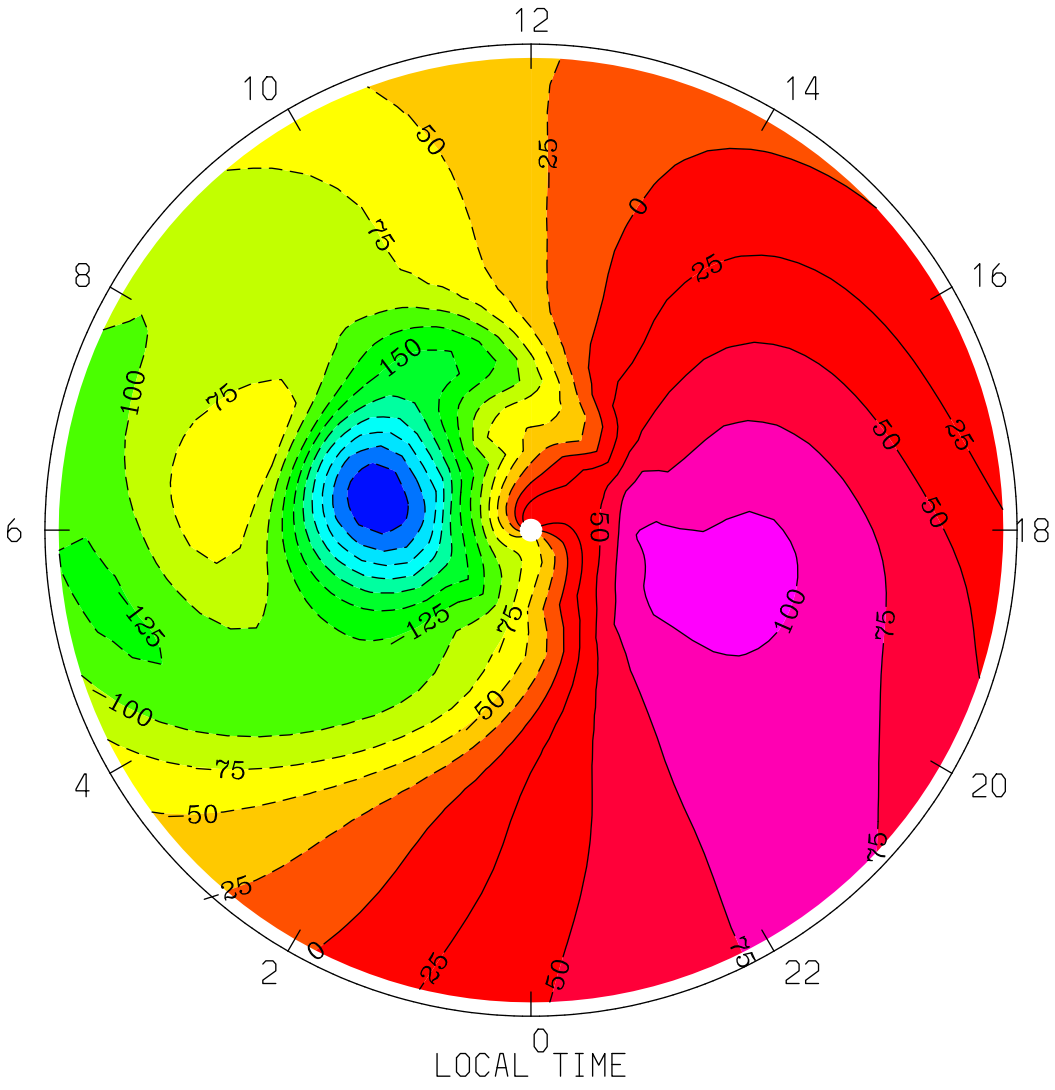

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 117.5 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -7.1583E+01 9.3797E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

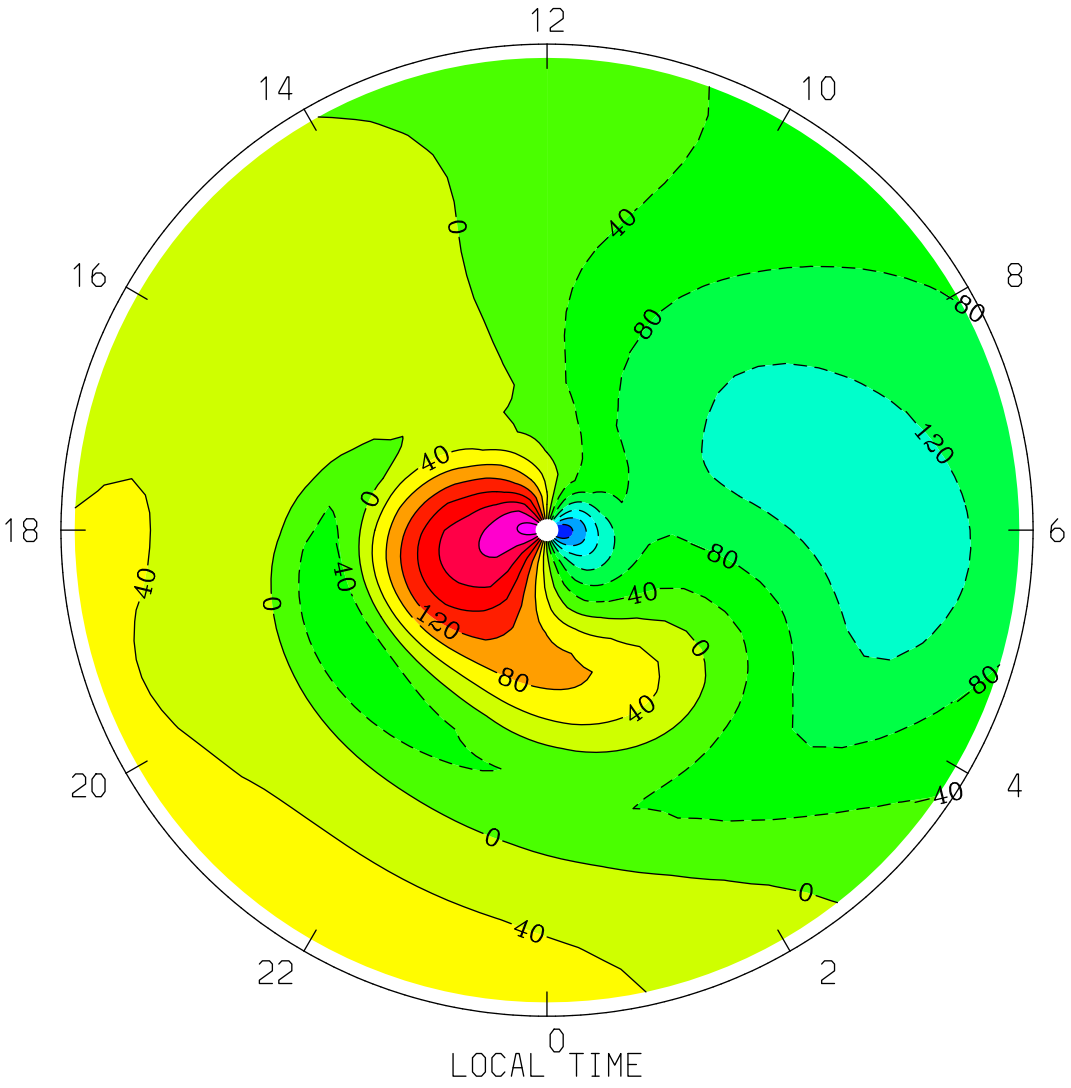

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 201.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.3284E+02 2.4935E+02 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

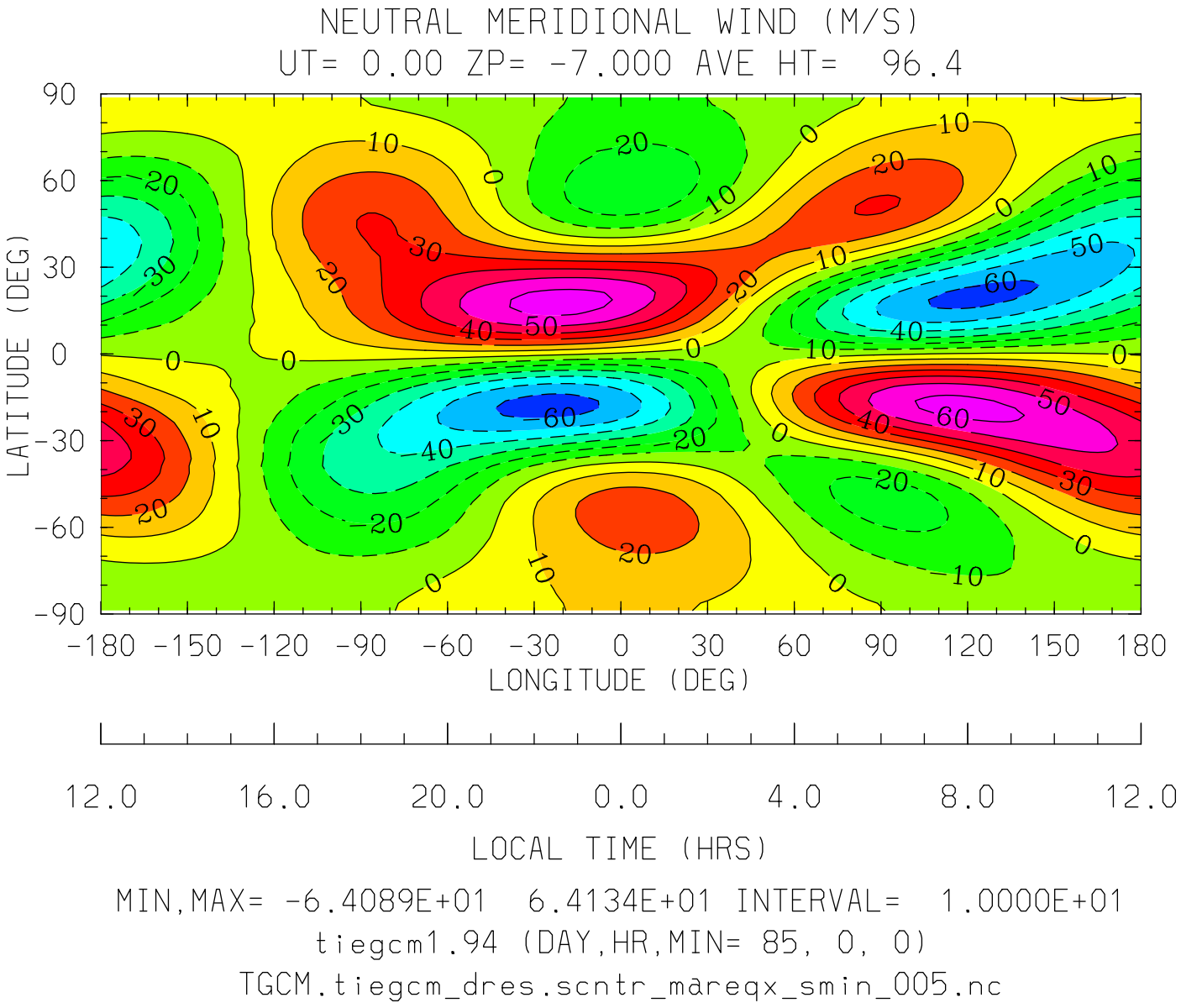

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -2.3284E+02 9.8068E+01 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

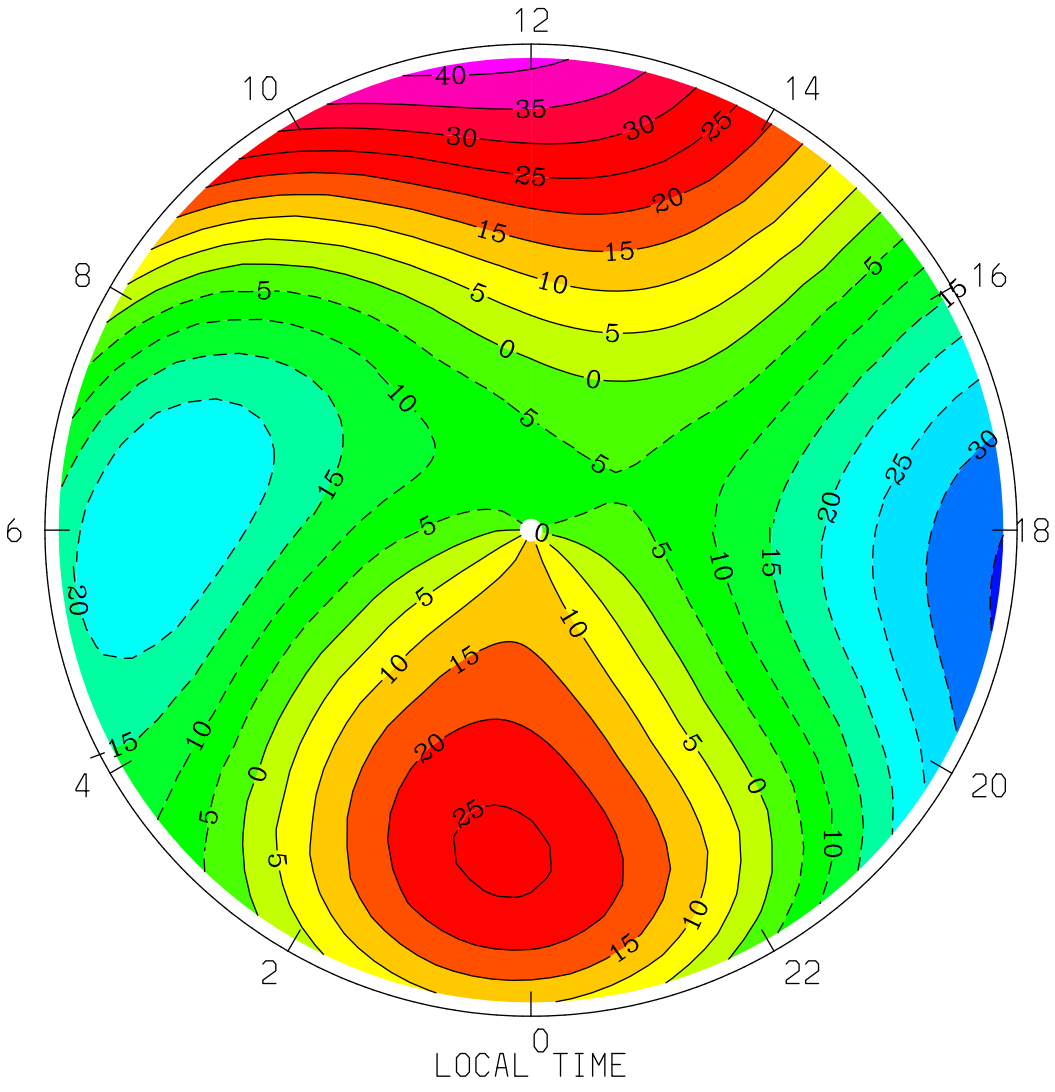

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -2.2099E+02 2.4935E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

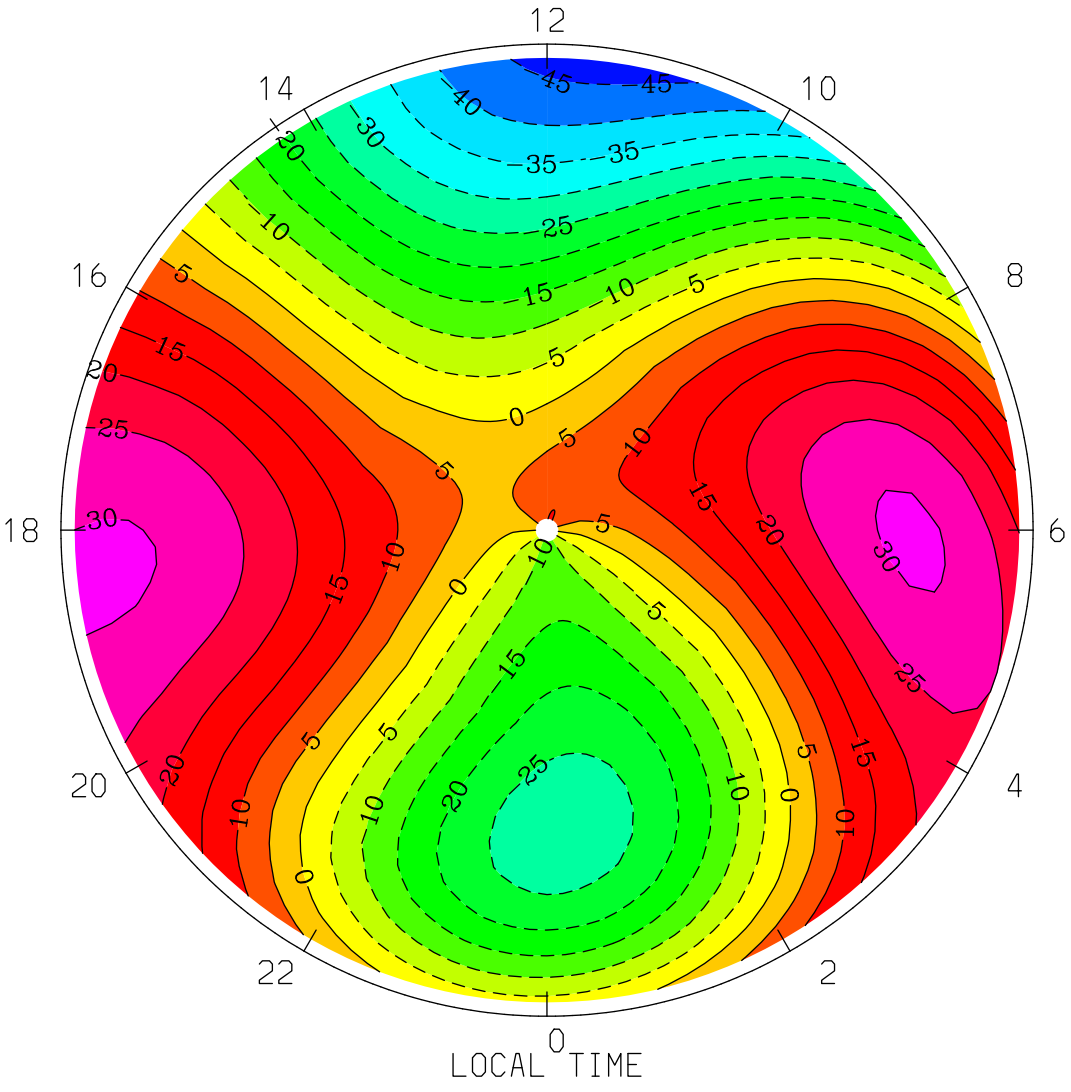

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 266.5
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.9621E+02 3.0294E+02 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

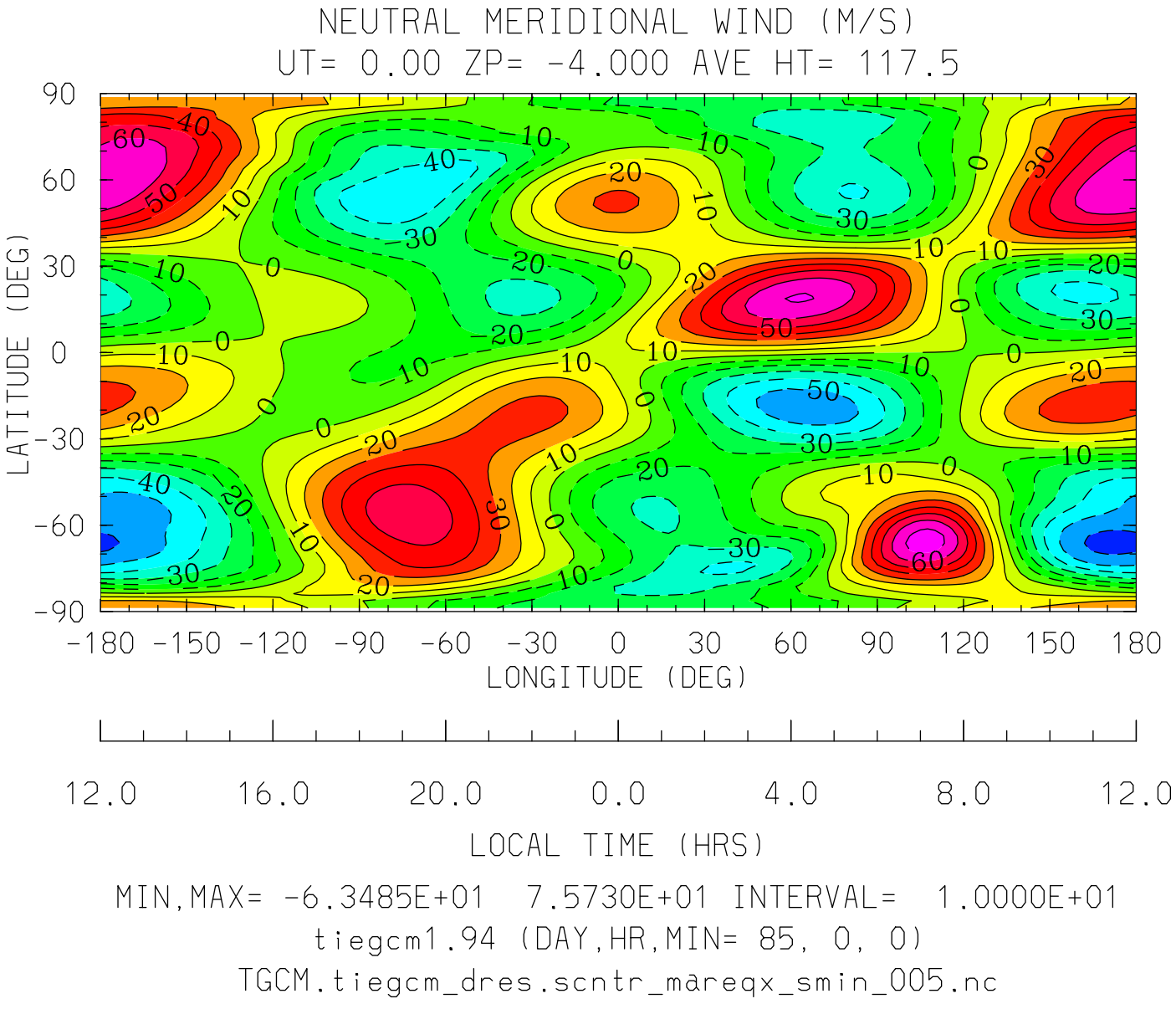

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 266.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -2.9621E+02 1.0900E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

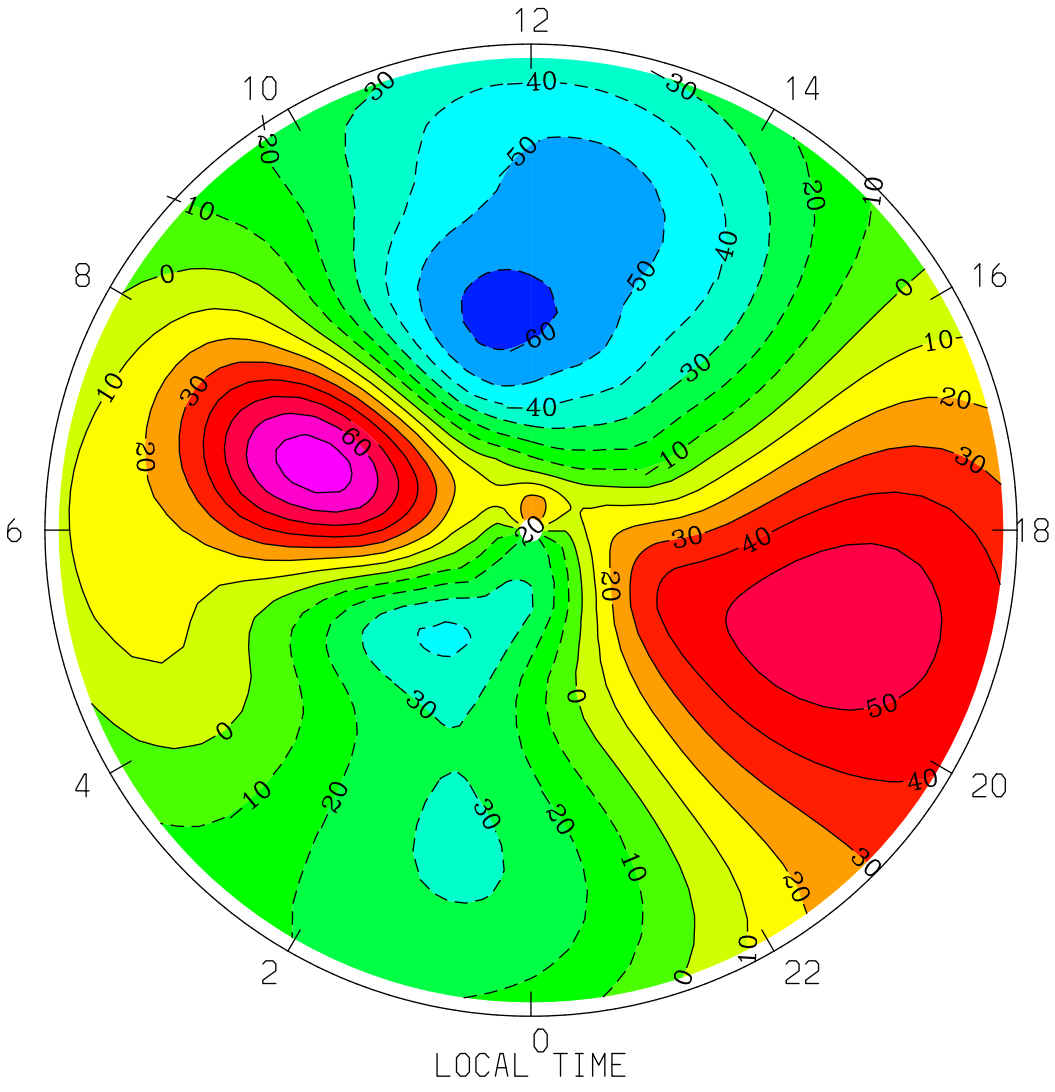

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 266.5 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -2.7980E+02 3.0294E+02 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

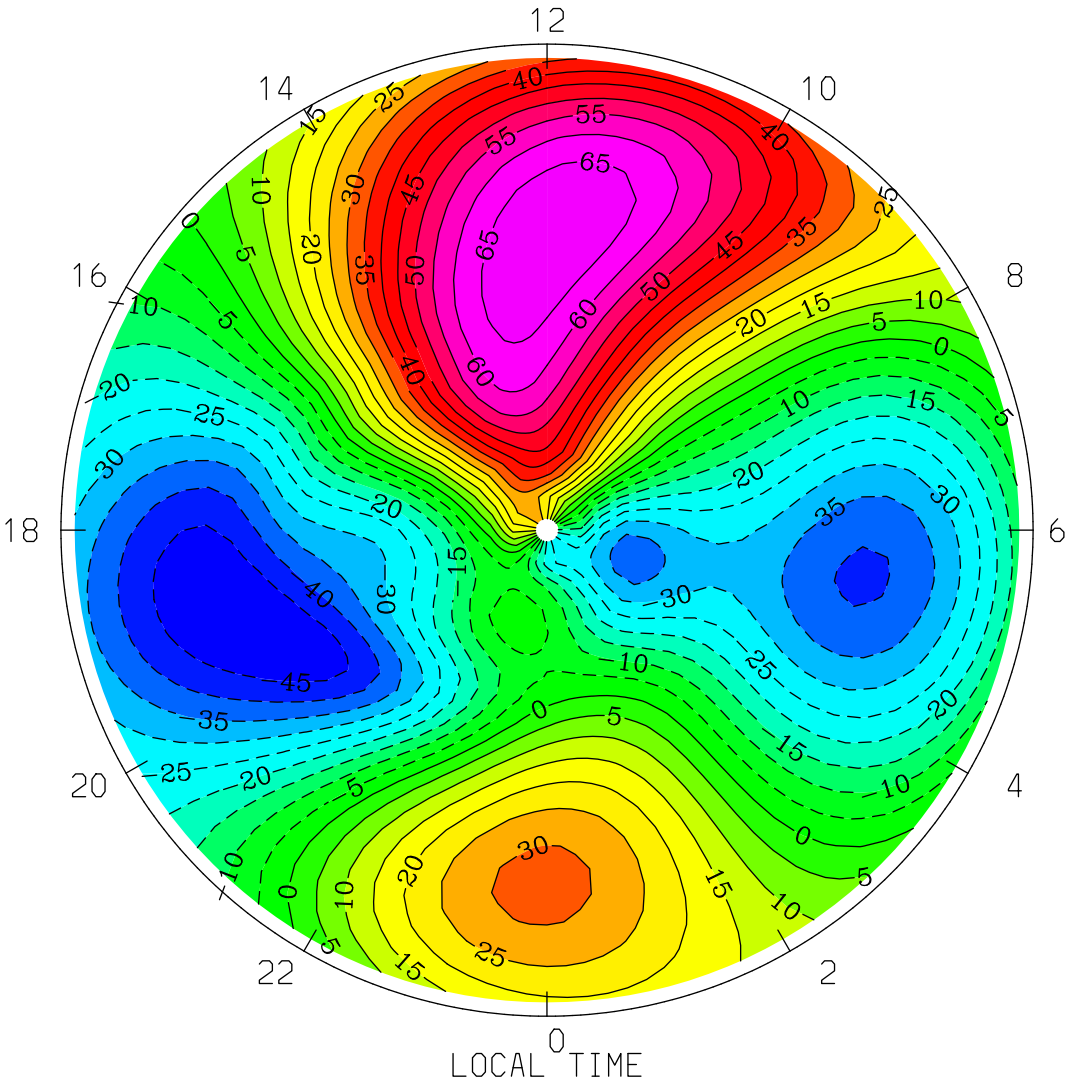

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -6.4089E+01 6.4134E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_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_smin_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_smin_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 117.5
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= -6.3485E+01 7.5730E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

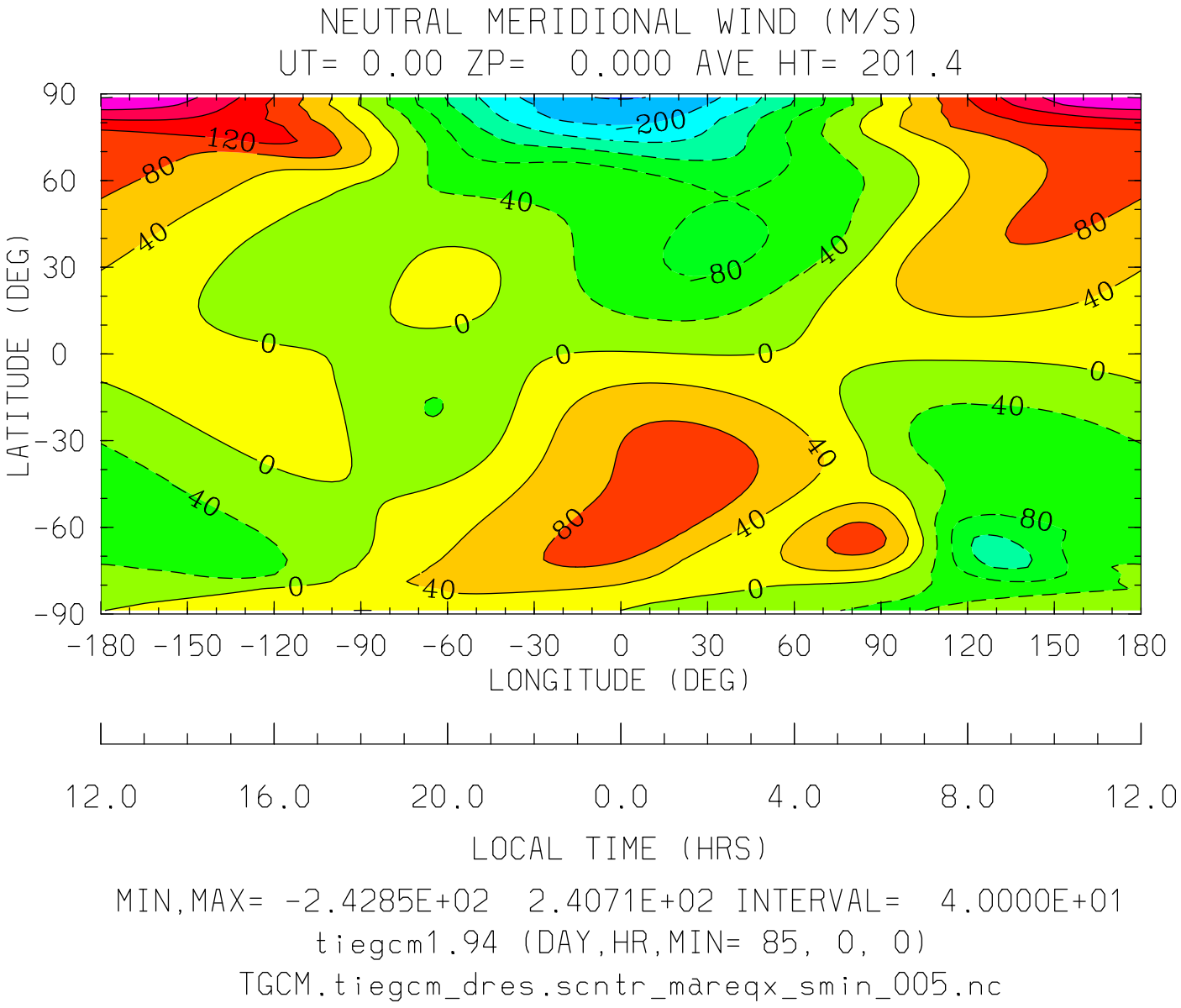

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 117.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -6.3485E+01 7.5730E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

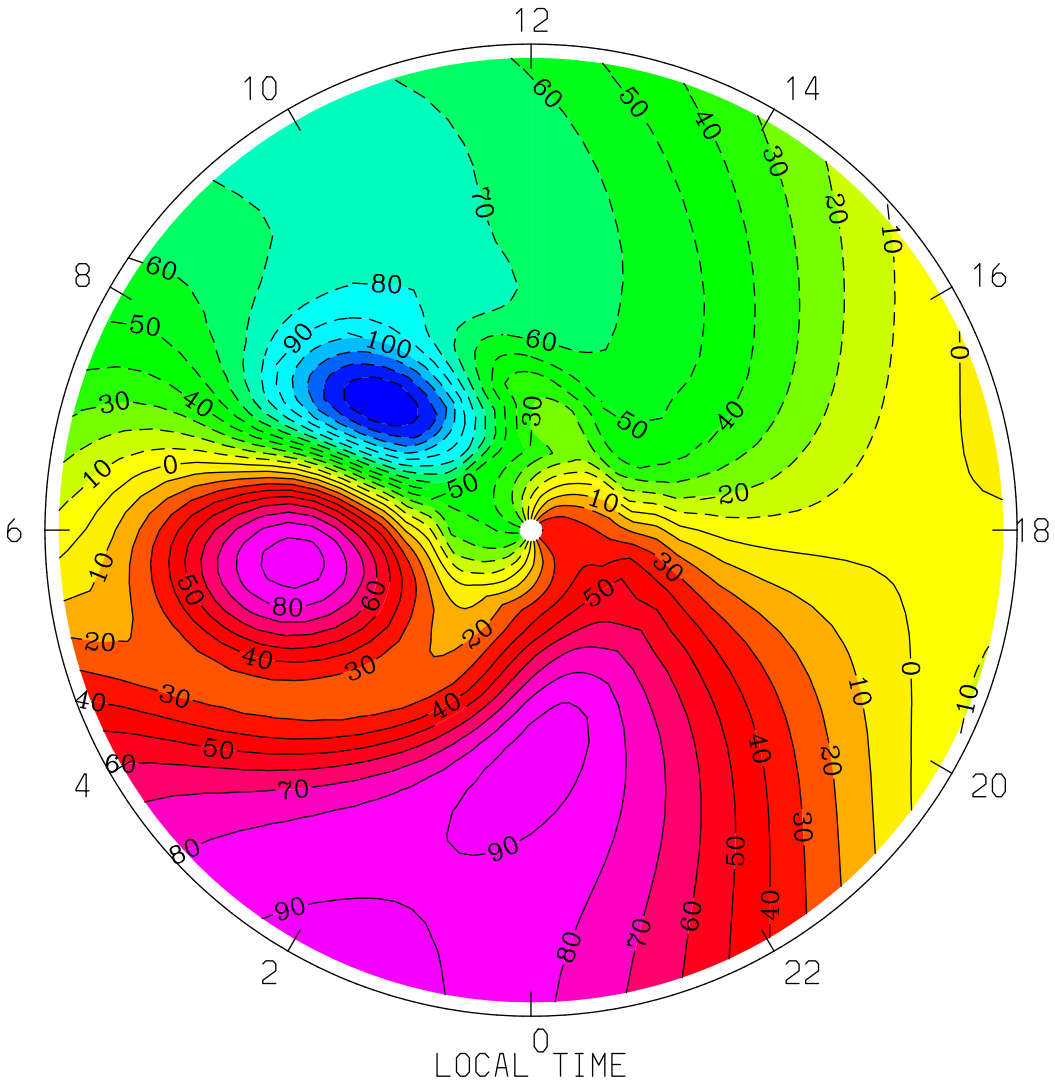


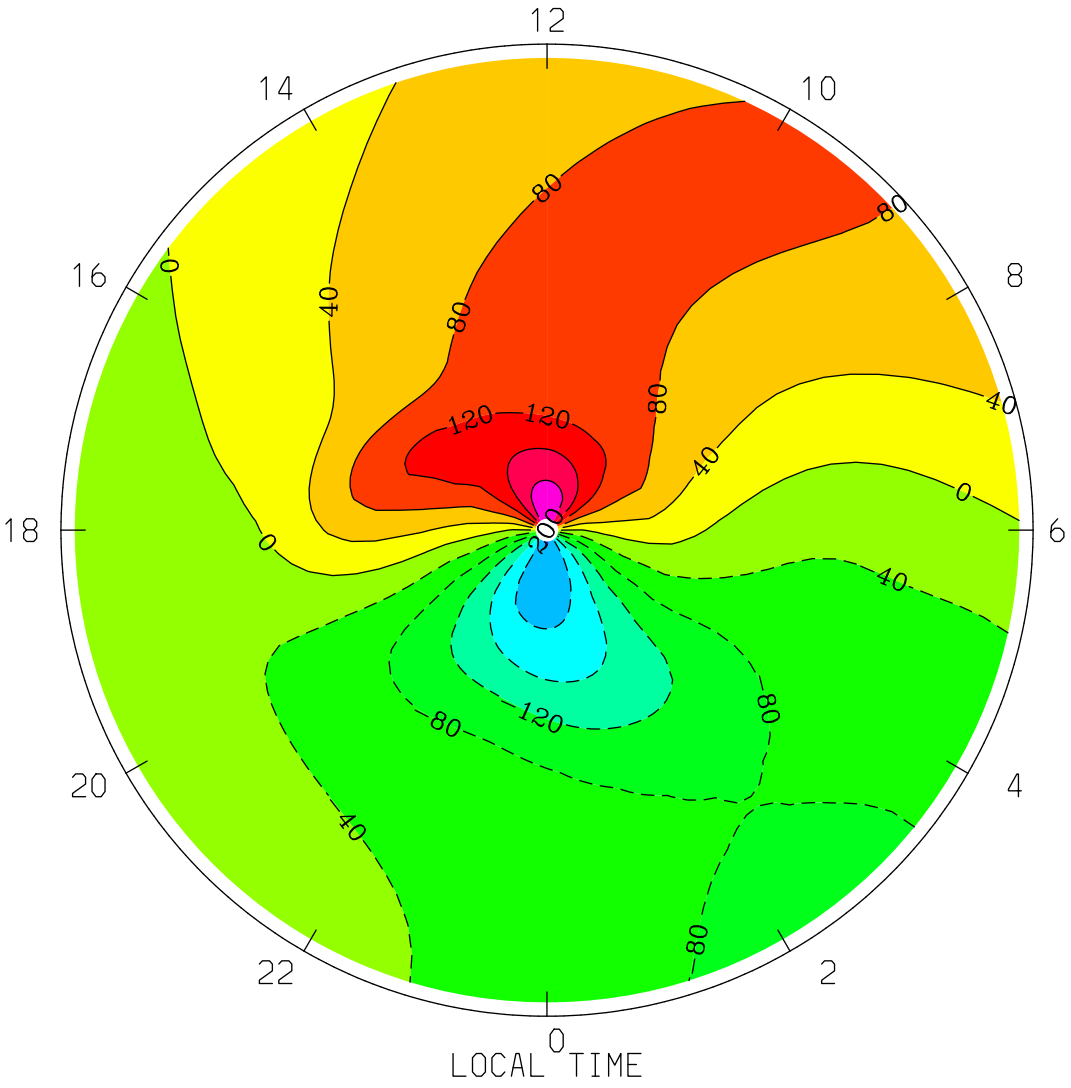
MIN,MAX= -4.9759E+01 6.9267E+01 INTERVAL= 5.0000E+00

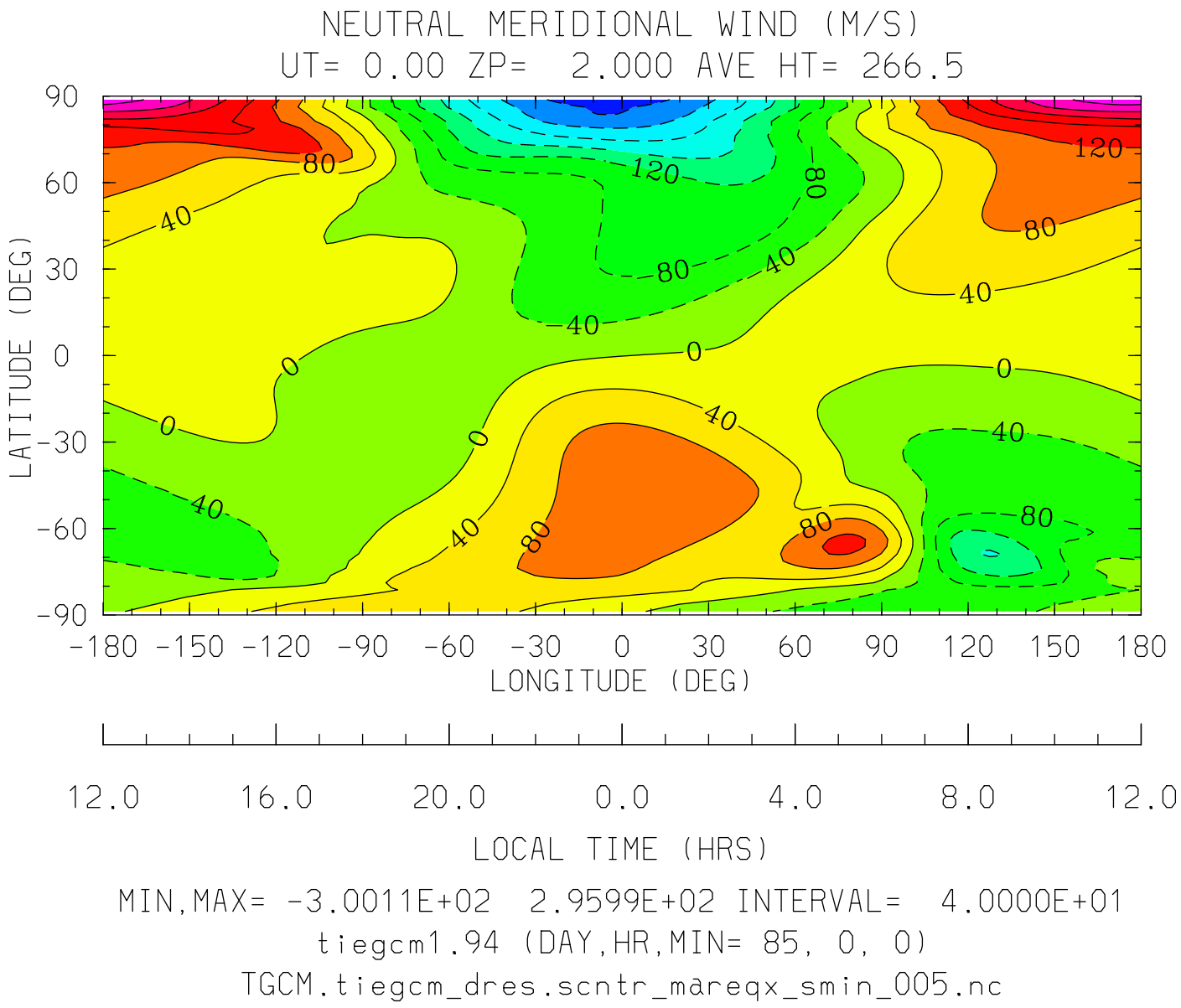
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

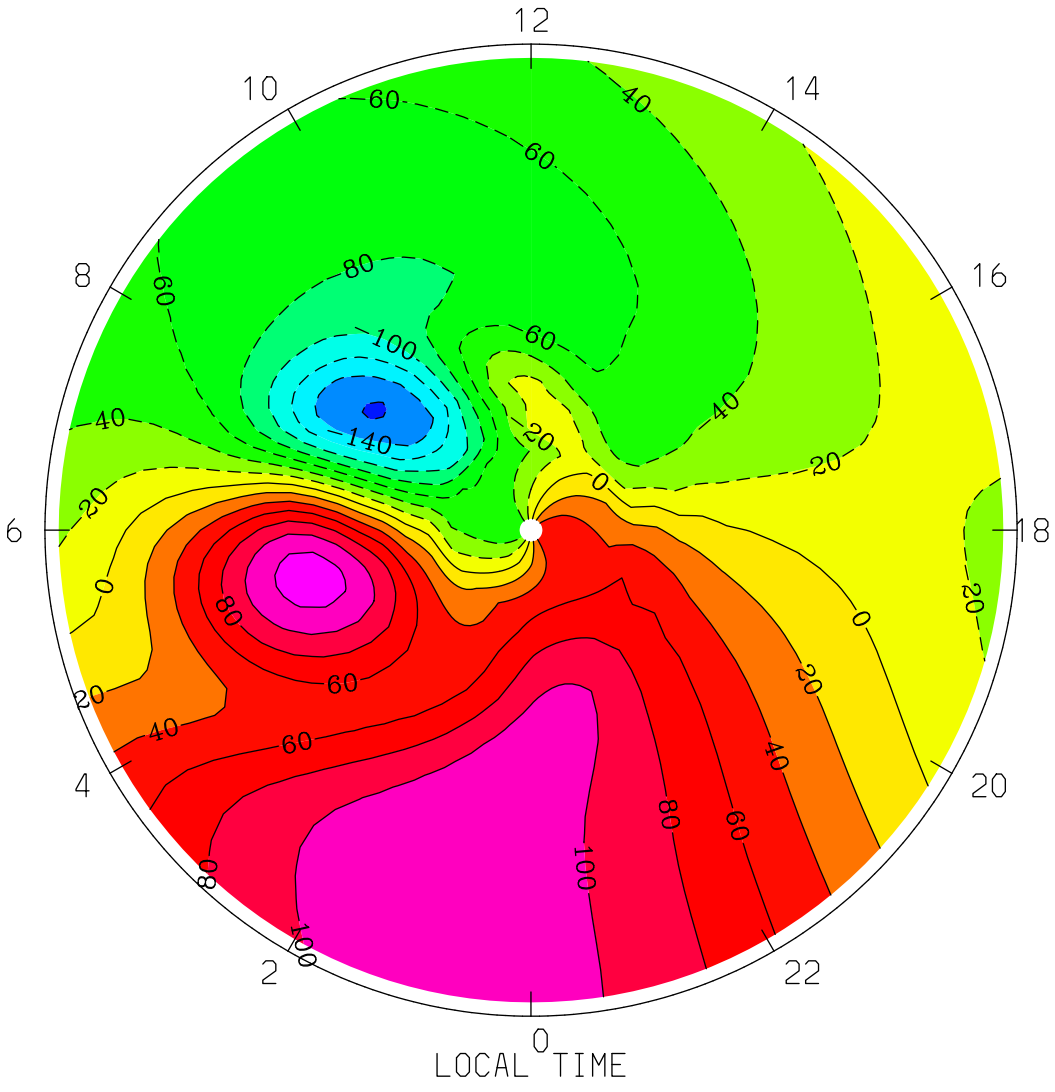
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

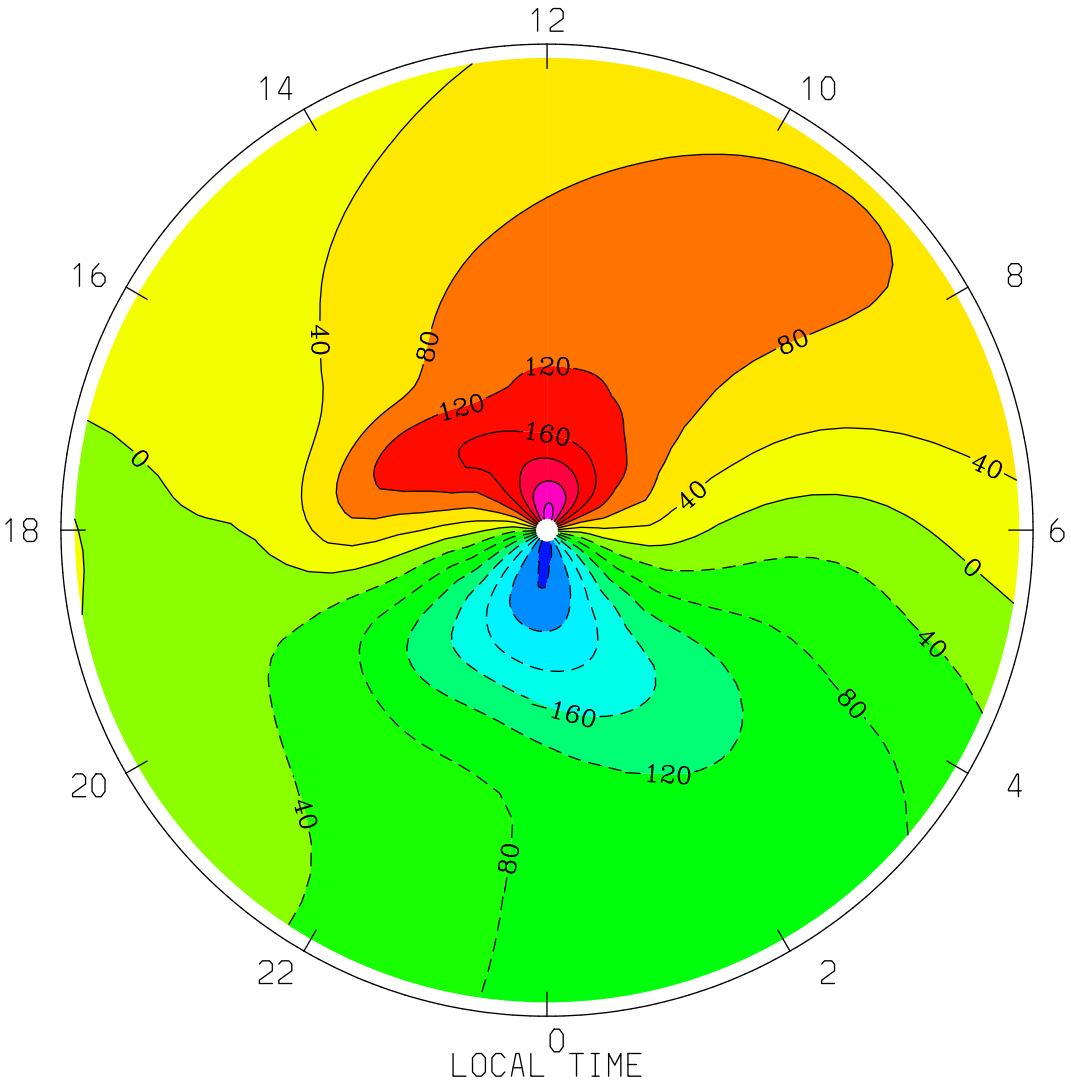

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 201.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.4285E+02 2.4071E+02 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

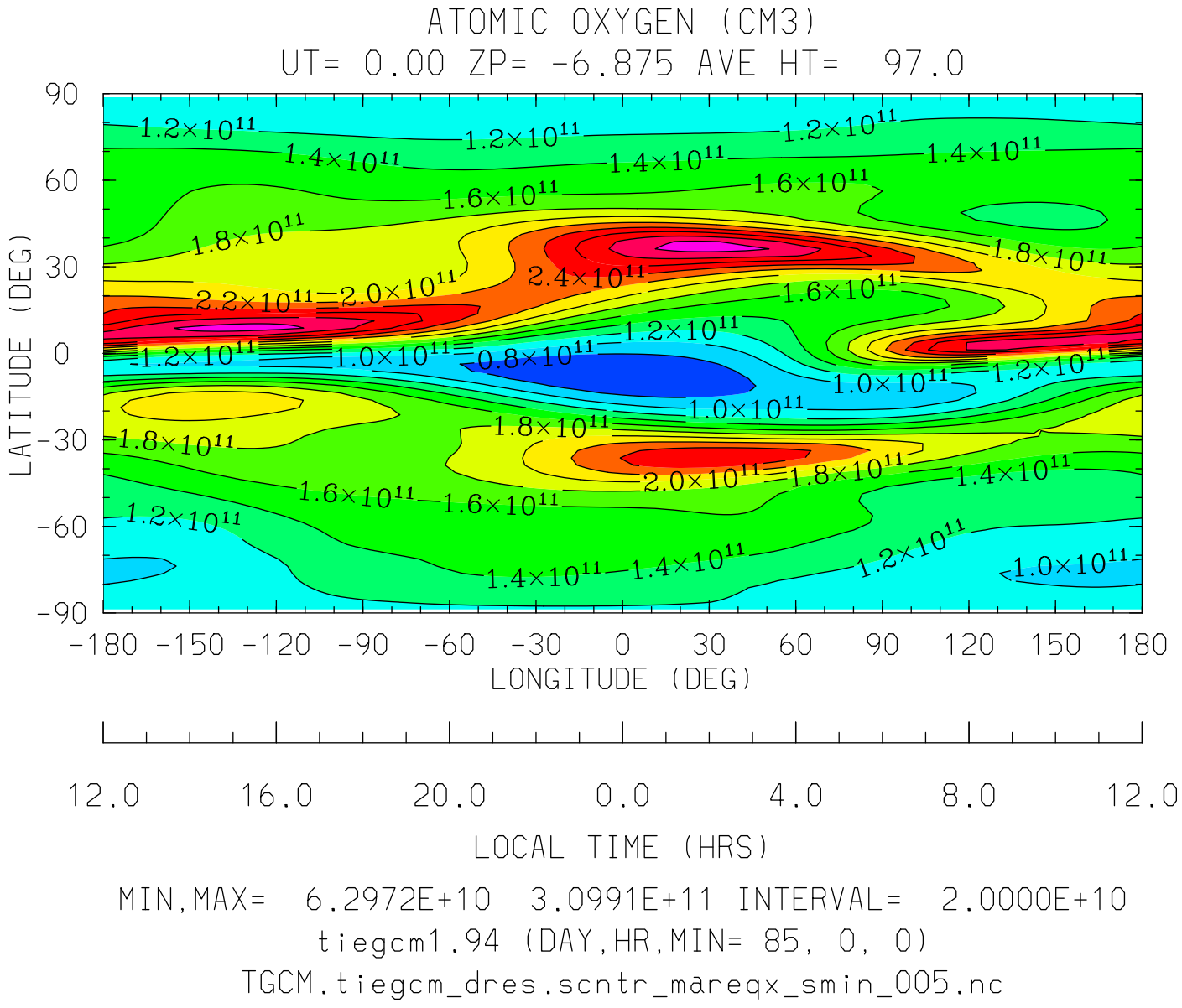

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -1.4010E+02 9.5793E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -2.4285E+02 2.4071E+02 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

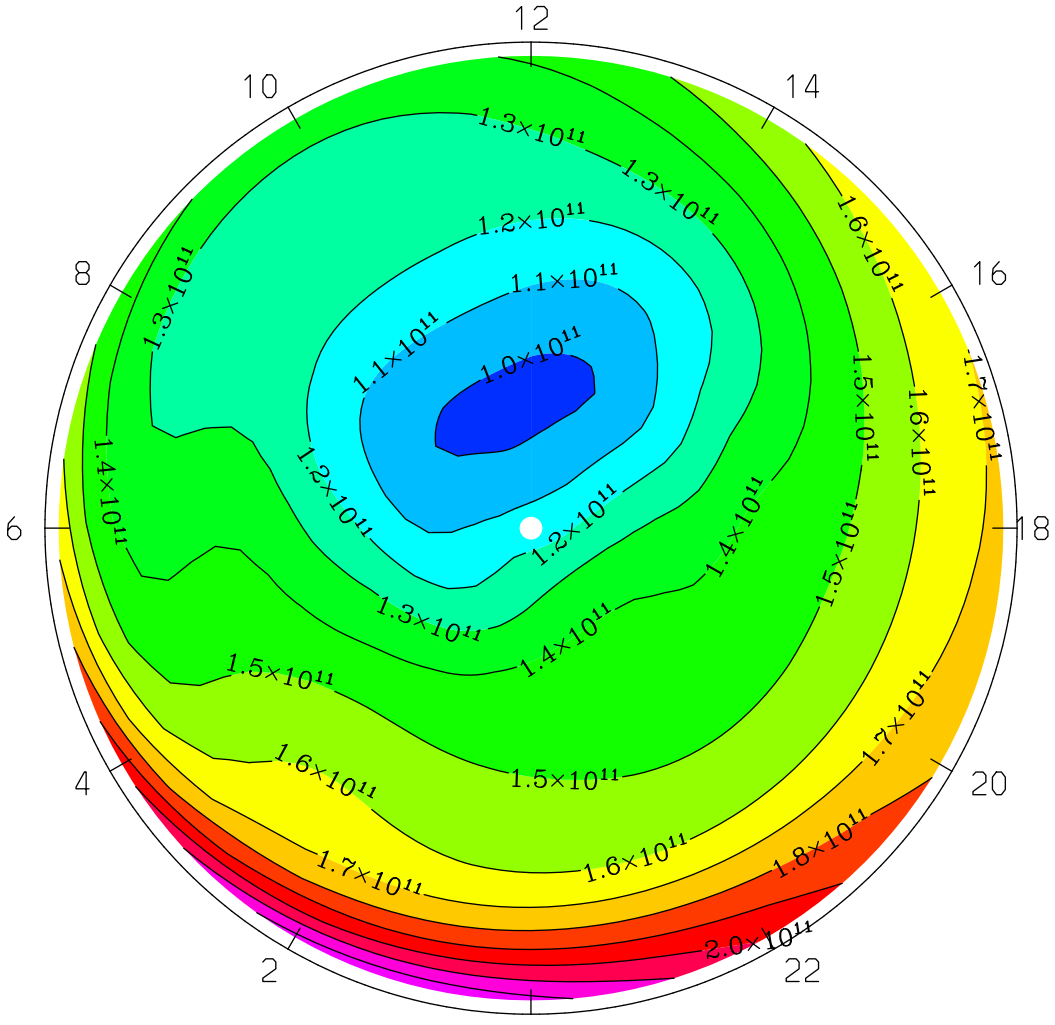

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 266.5
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.0011E+02 2.9599E+02 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 266.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -1.6254E+02 1.3086E+02 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 266.5 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
40
80
120
160
0
MIN,MAX= -3.0011E+02 2.9599E+02 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

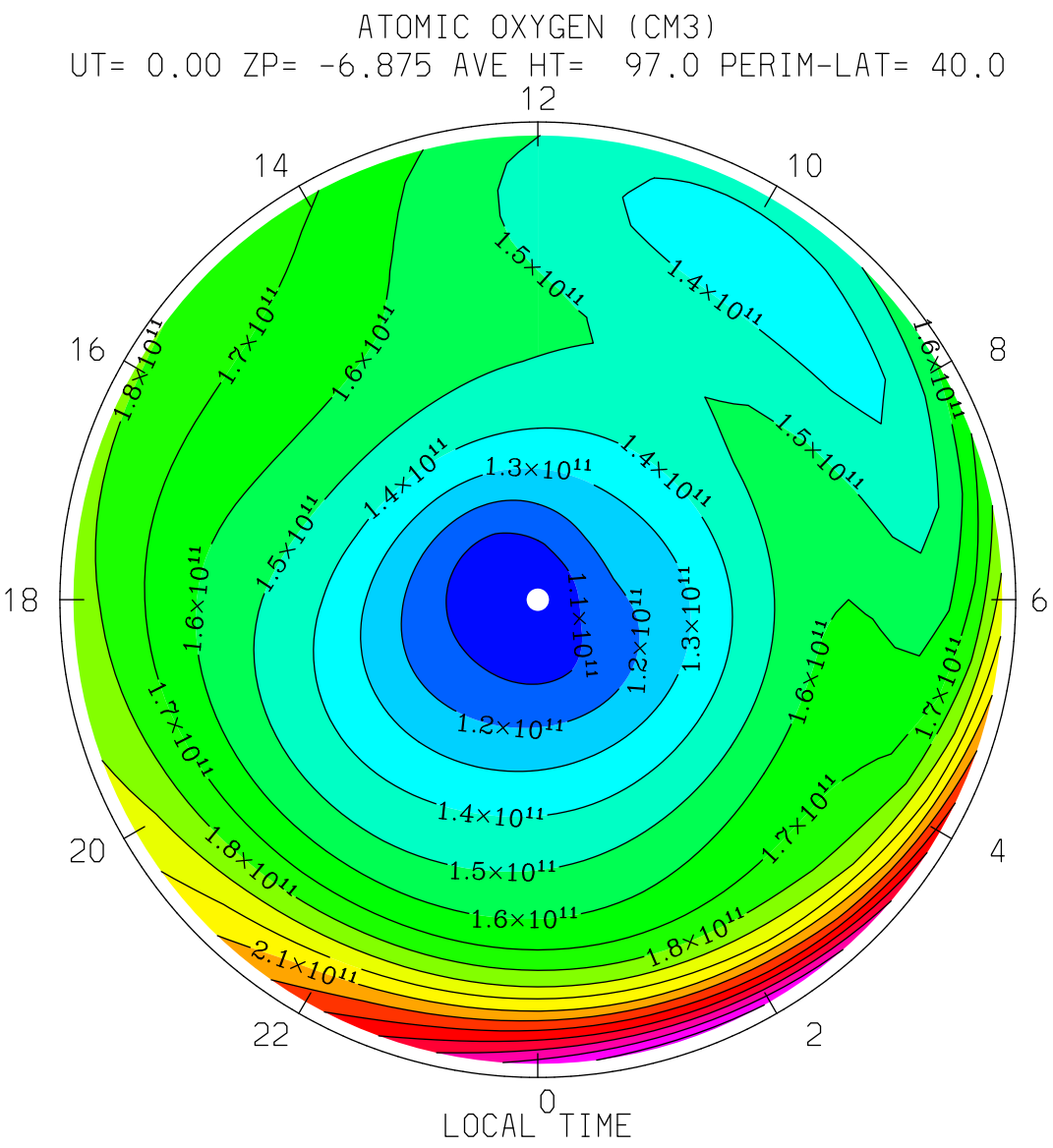

ATOMIC OXYGEN (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 6.2972E+10 3.0991E+11 INTERVAL= 2.0000E+10
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

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



LOCAL TIME

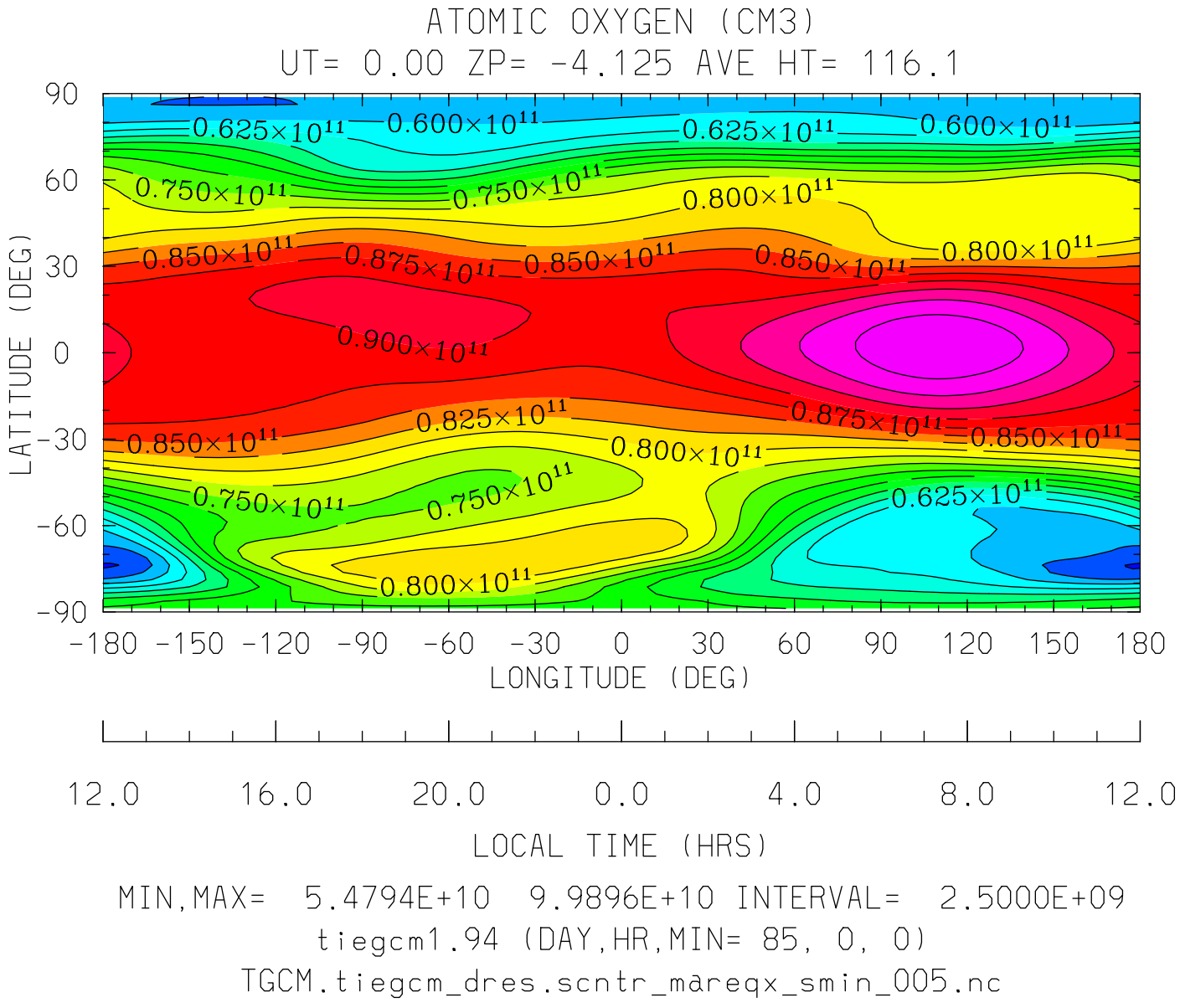
MIN,MAX= 9.7448E+10 2.2736E+11 INTERVAL= 1.0000E+10
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 1.0256E+11 2.7330E+11 INTERVAL= 1.0000E+10

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

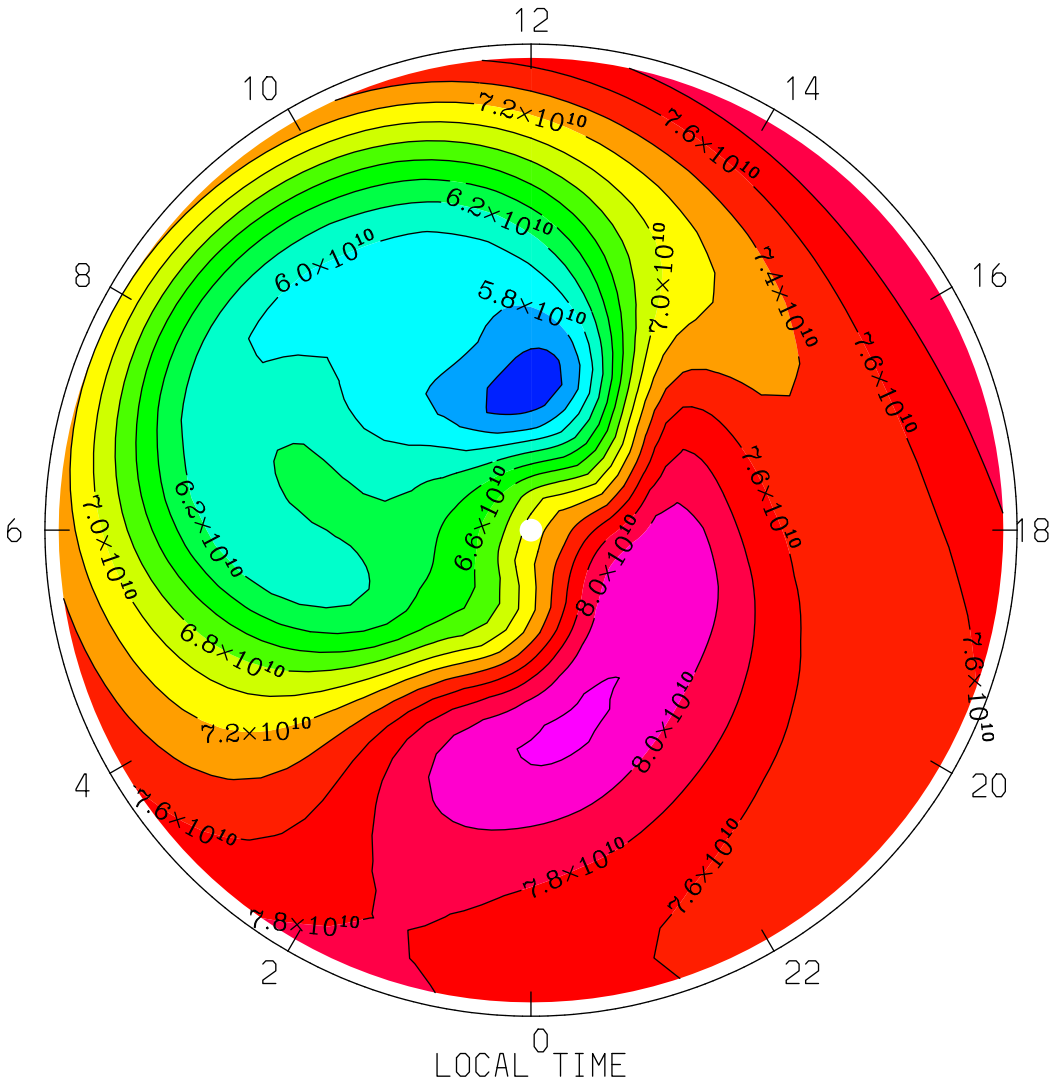
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 5.4794E+10 9.9896E+10 INTERVAL= 2.5000E+09

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

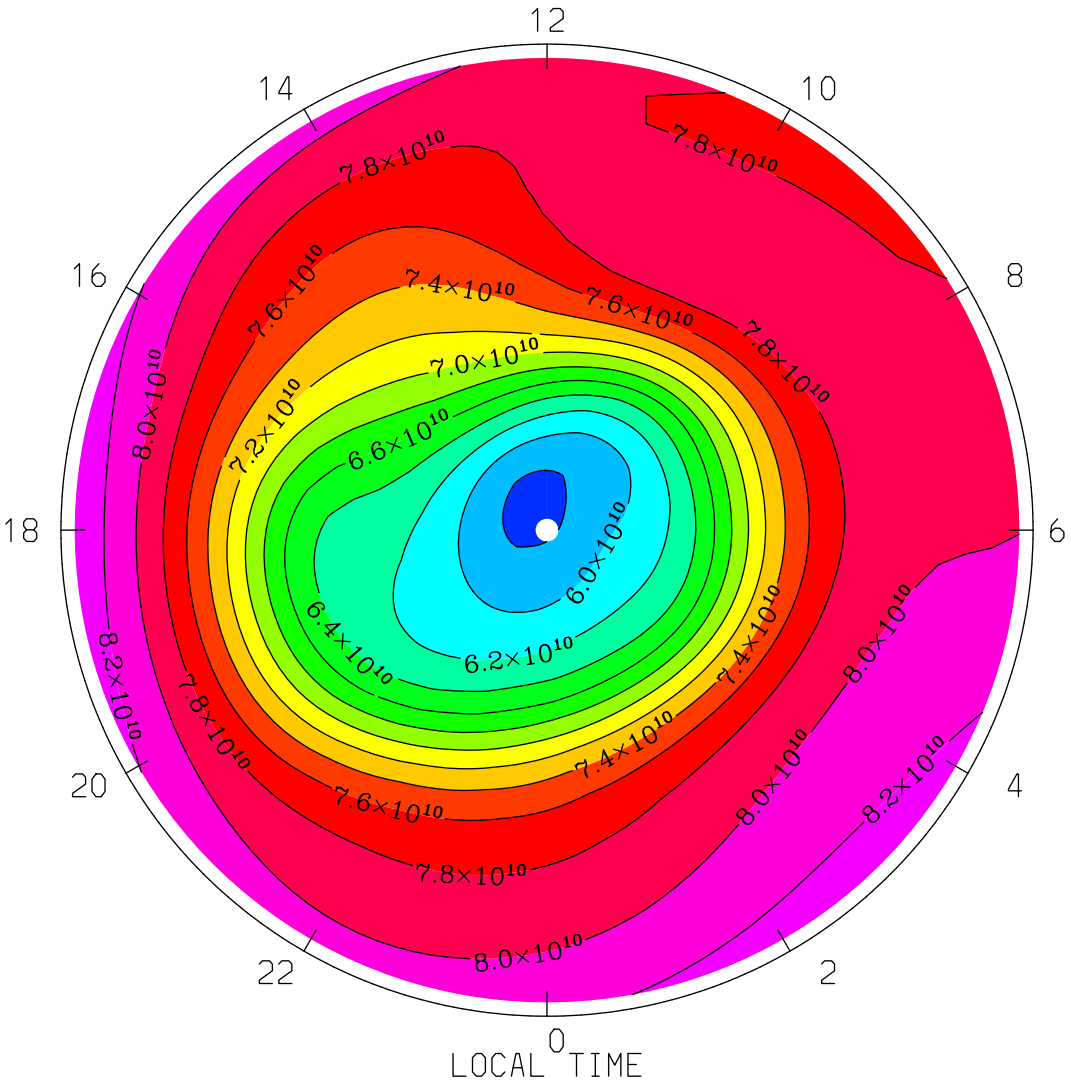
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 5.4794E+10 8.2297E+10 INTERVAL= 2.0000E+09

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

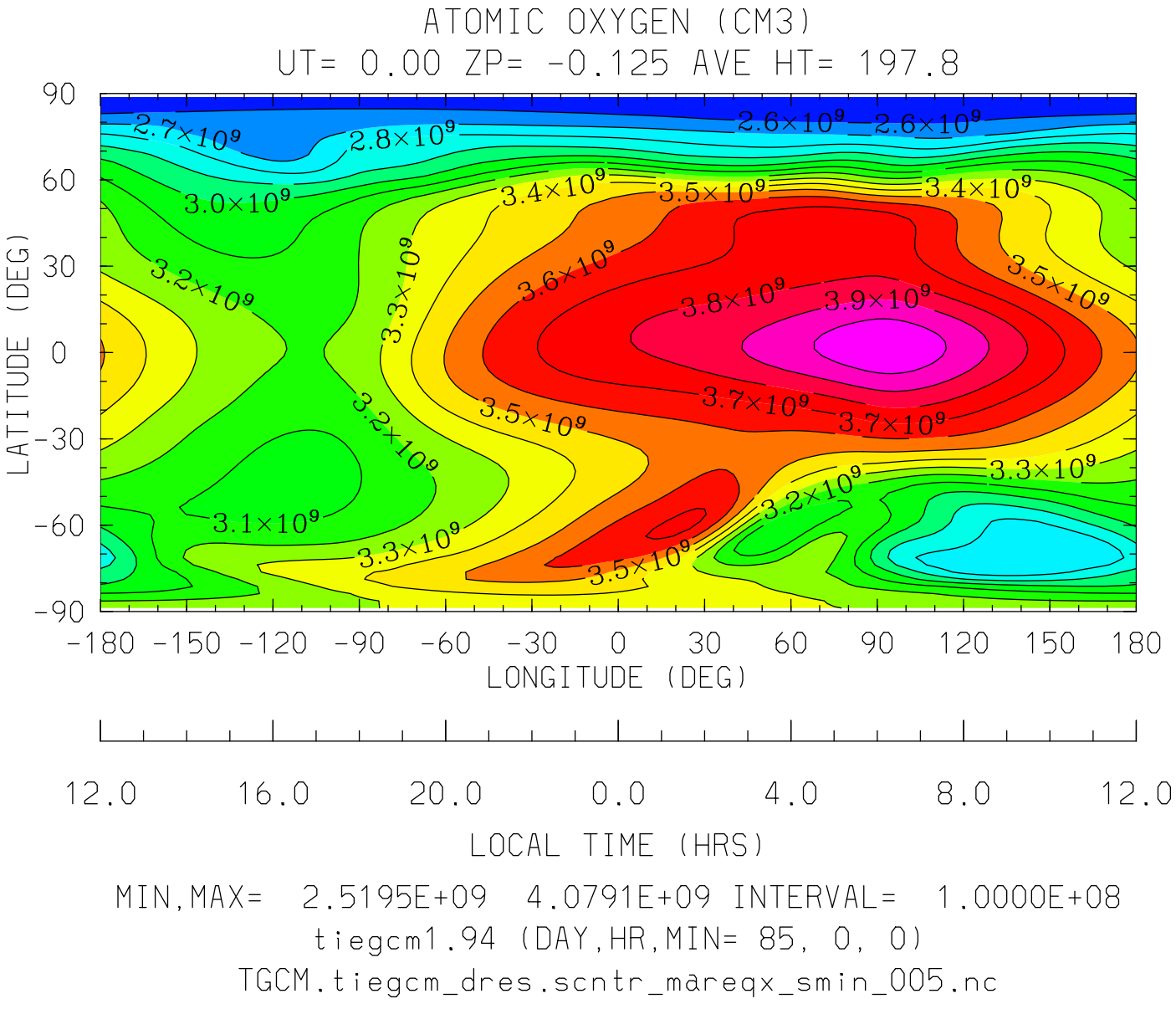
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 5.7428E+10 8.3528E+10 INTERVAL= 2.0000E+09

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

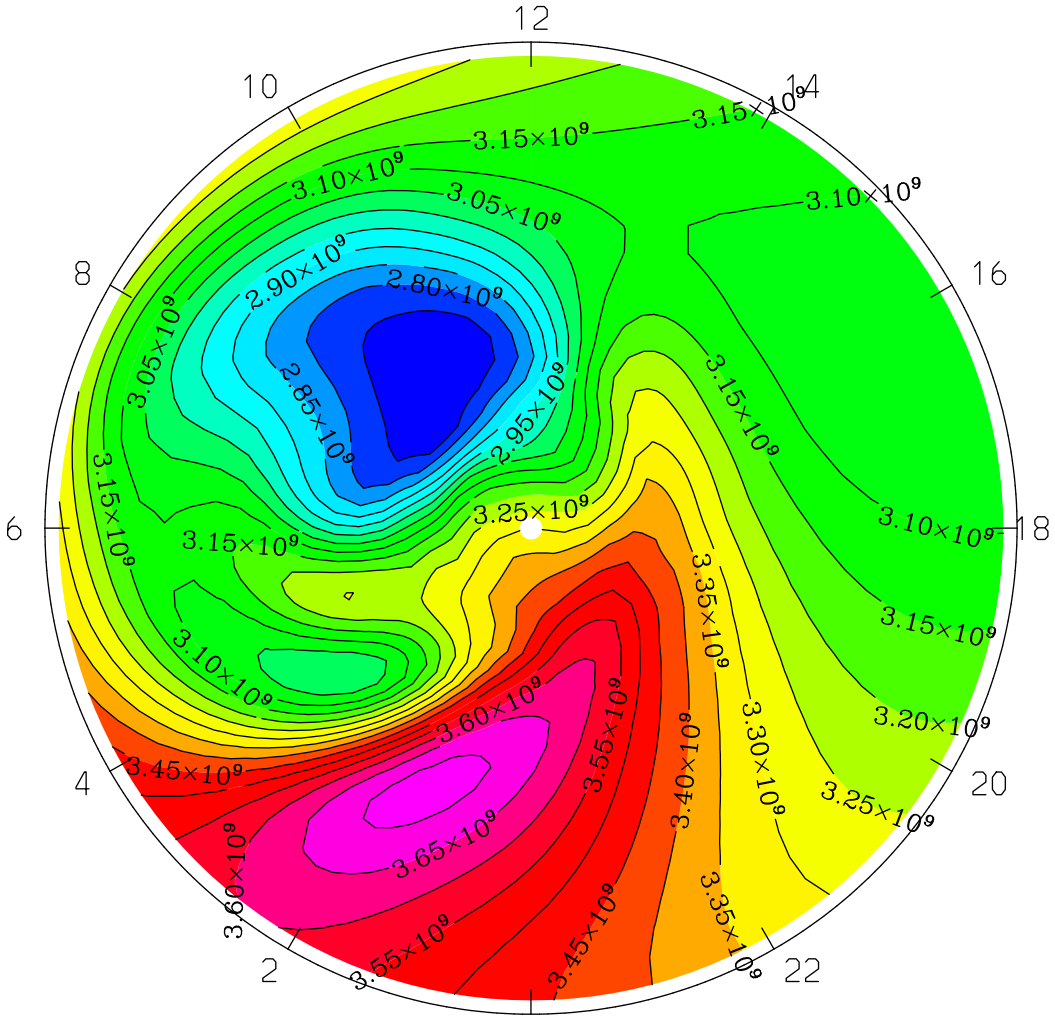


MIN,MAX= 2.5195E+09 4.0791E+09 INTERVAL= 1.0000E+08

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

ATOMIC OXYGEN (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 197.8 PERIM-LAT=-40.0

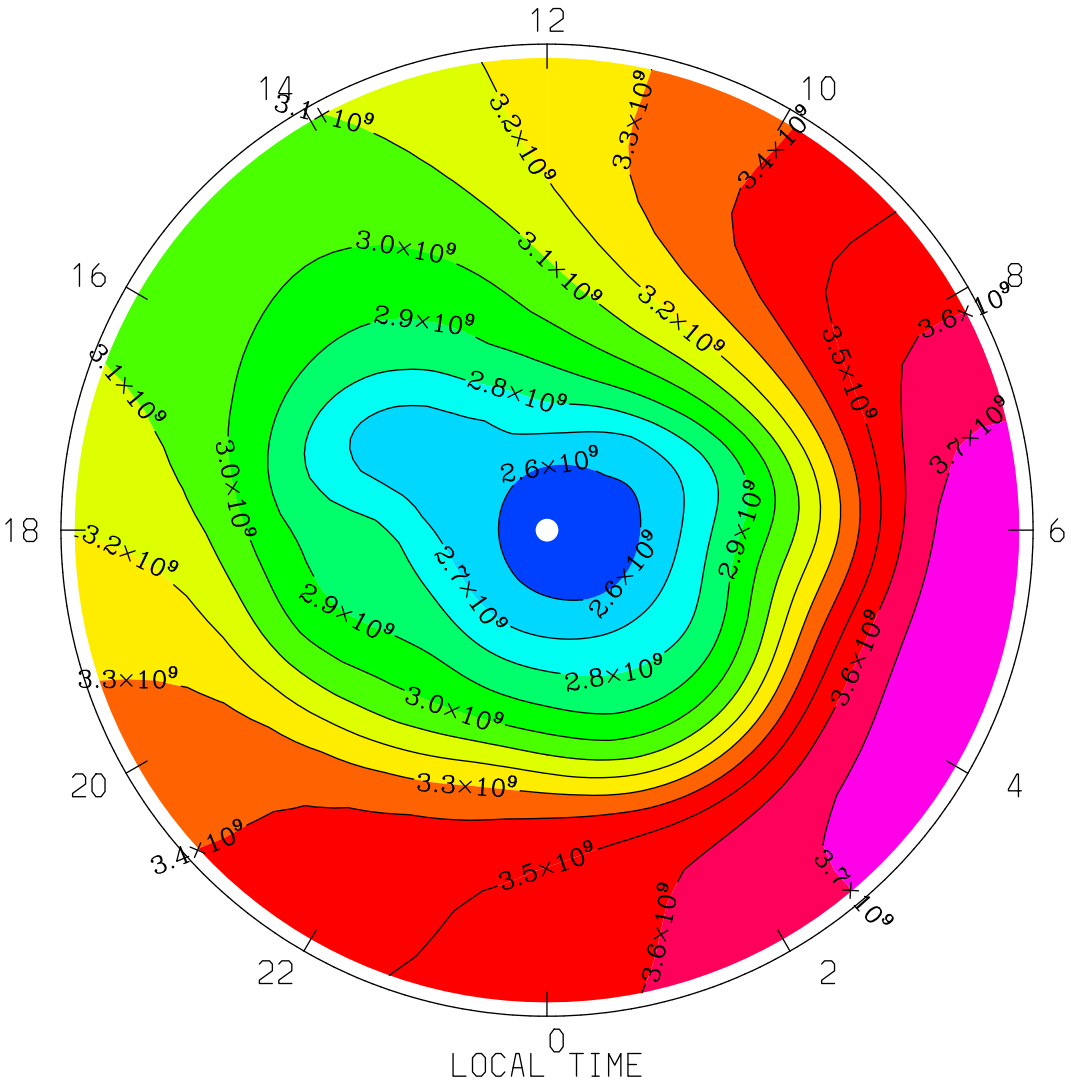


LOCAL TIME

MIN,MAX= 2.7032E+09 3.7229E+09 INTERVAL= 5.0000E+07

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

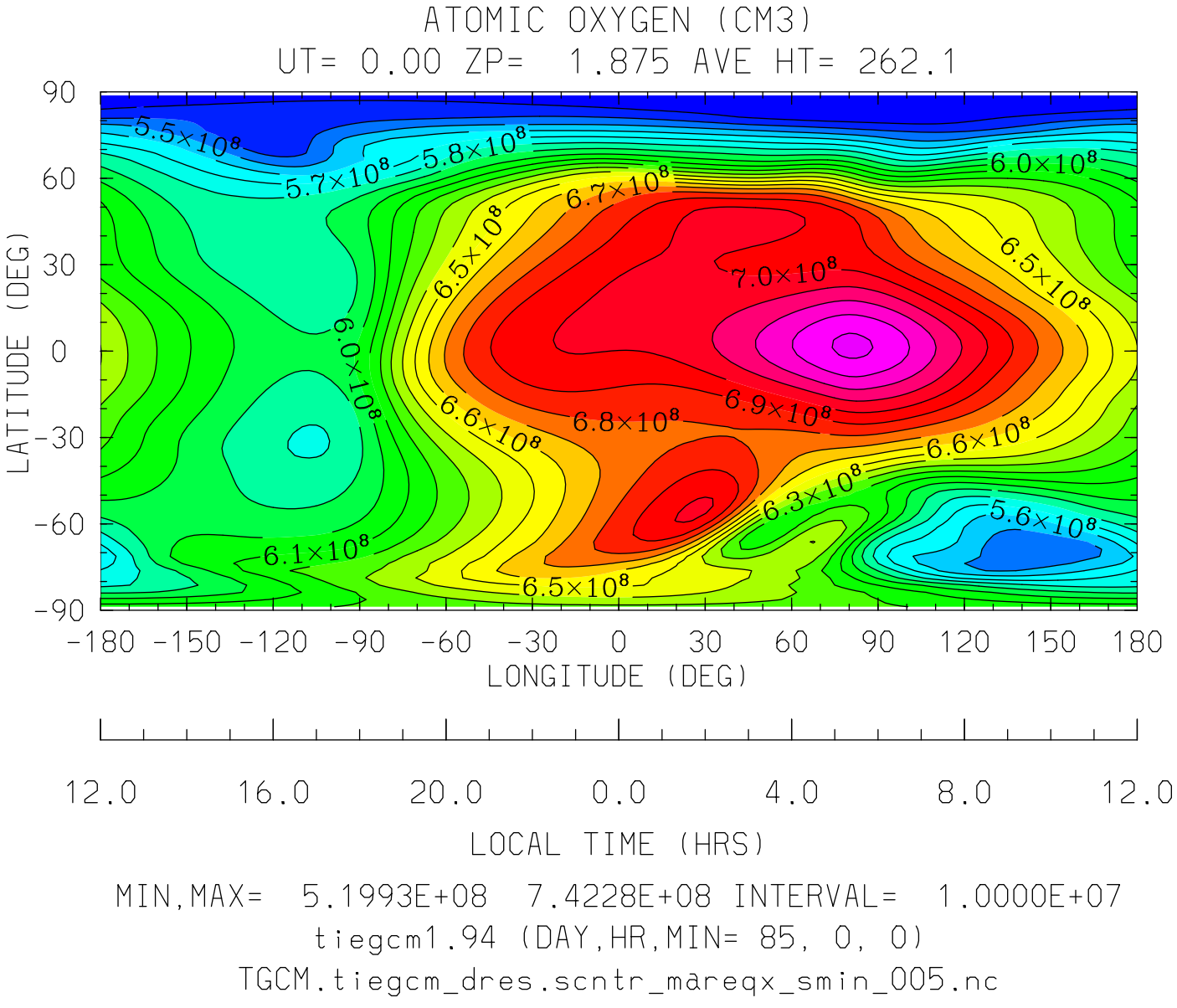
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 2.5195E+09 3.7797E+09 INTERVAL= 1.0000E+08

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

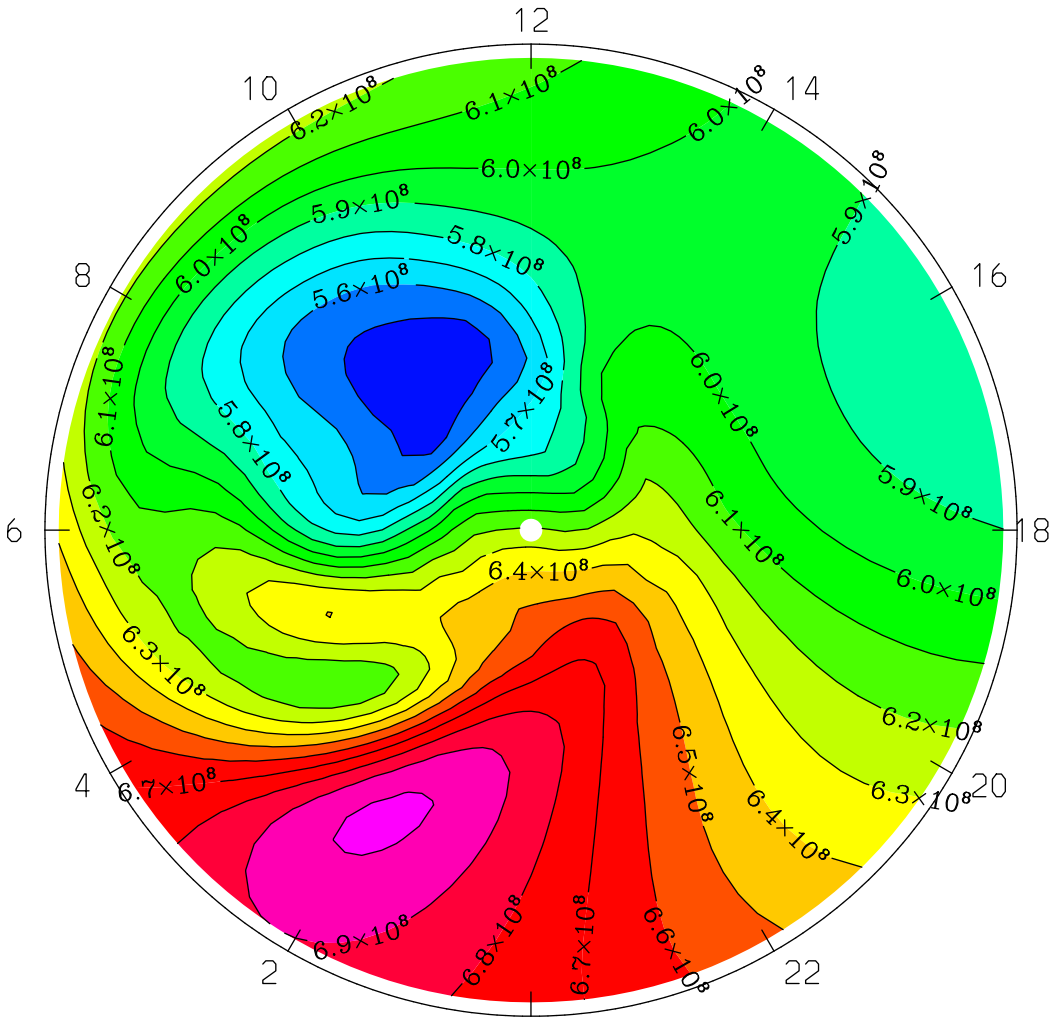


MIN,MAX= 5.1993E+08 7.4228E+08 INTERVAL= 1.0000E+07

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

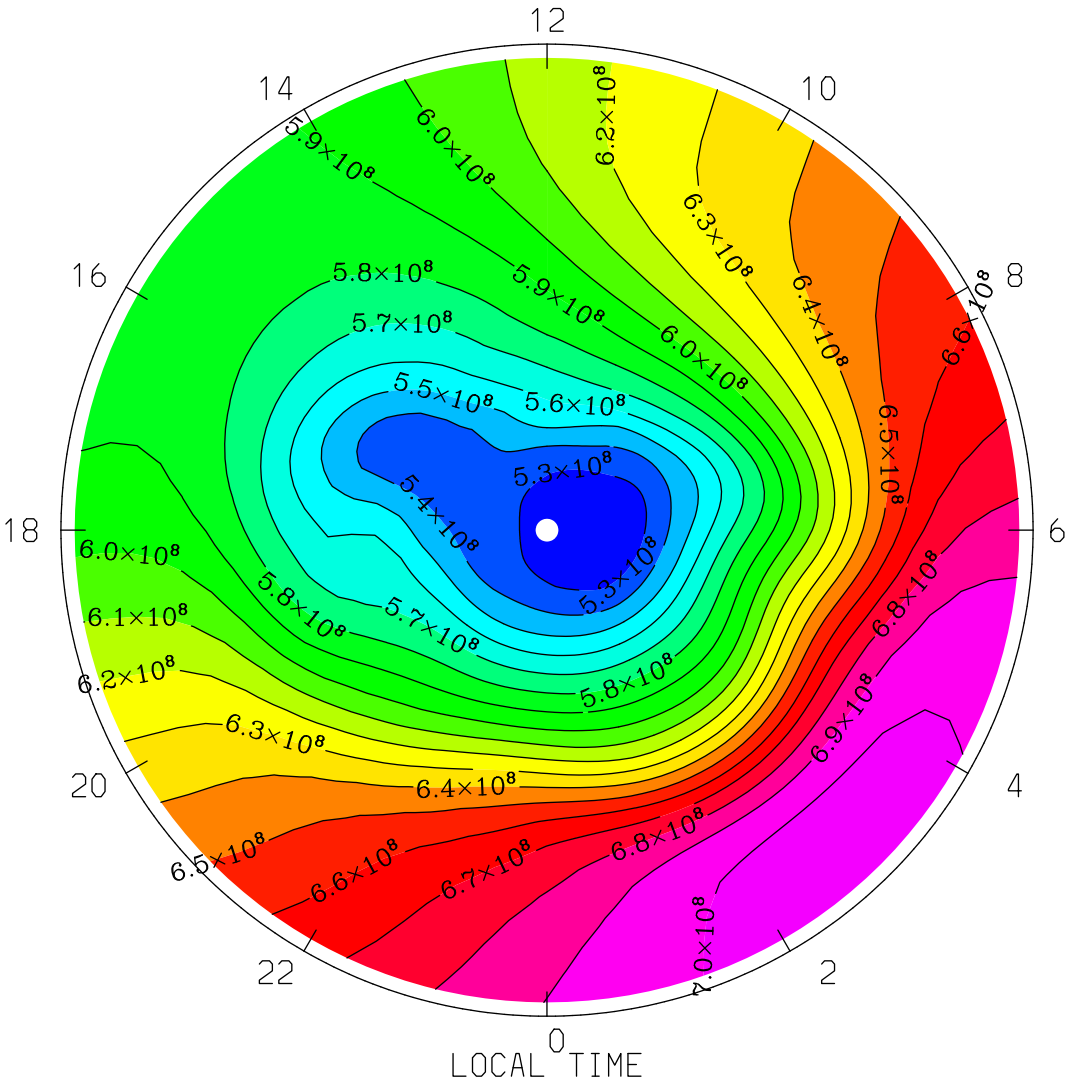
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

ATOMIC OXYGEN (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 262.1 PERIM-LAT=-40.0



LOCAL TIME

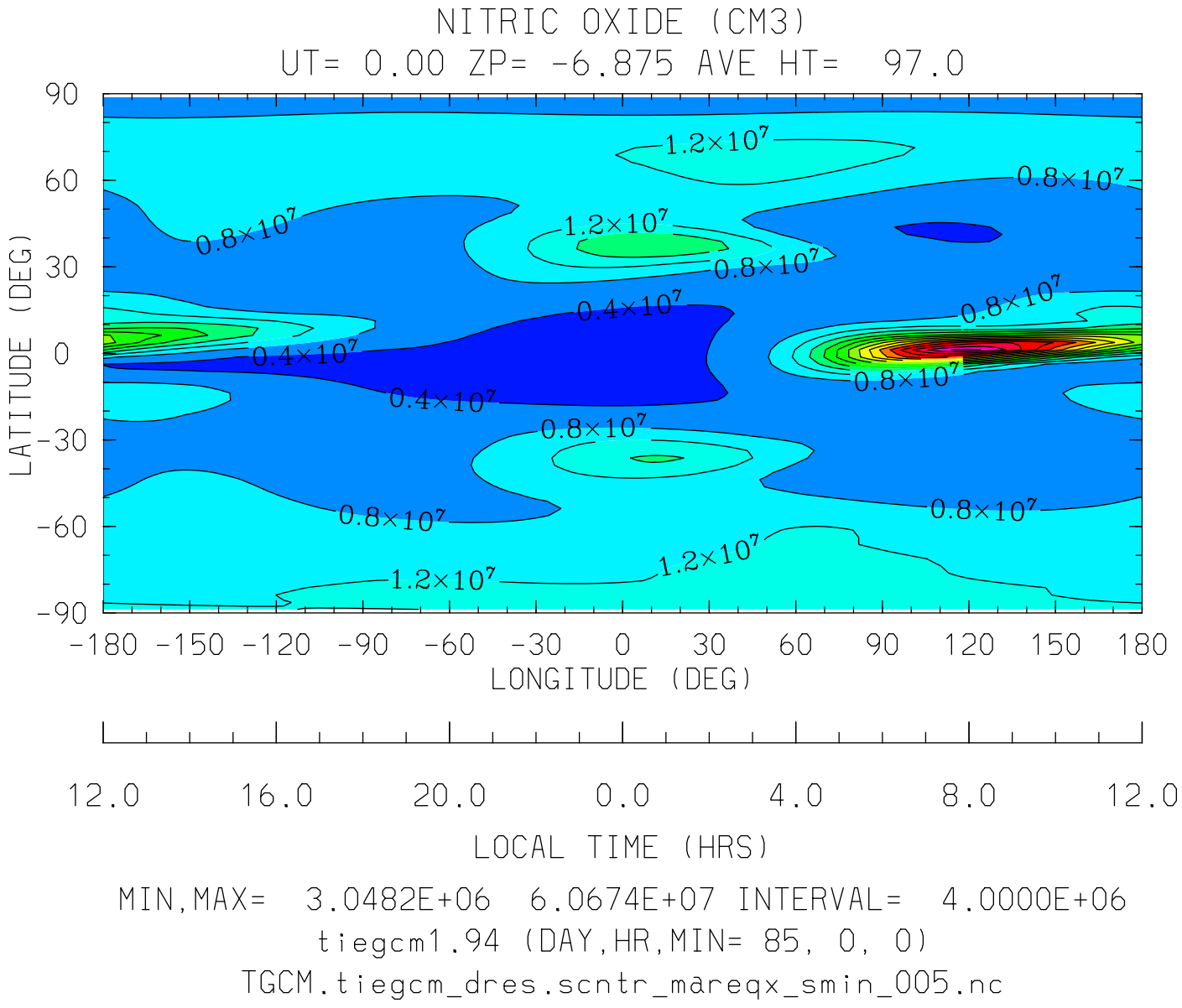
MIN,MAX= 5.4296E+08 7.0201E+08 INTERVAL= 1.0000E+07
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 5.1993E+08 7.0526E+08 INTERVAL= 1.0000E+07

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

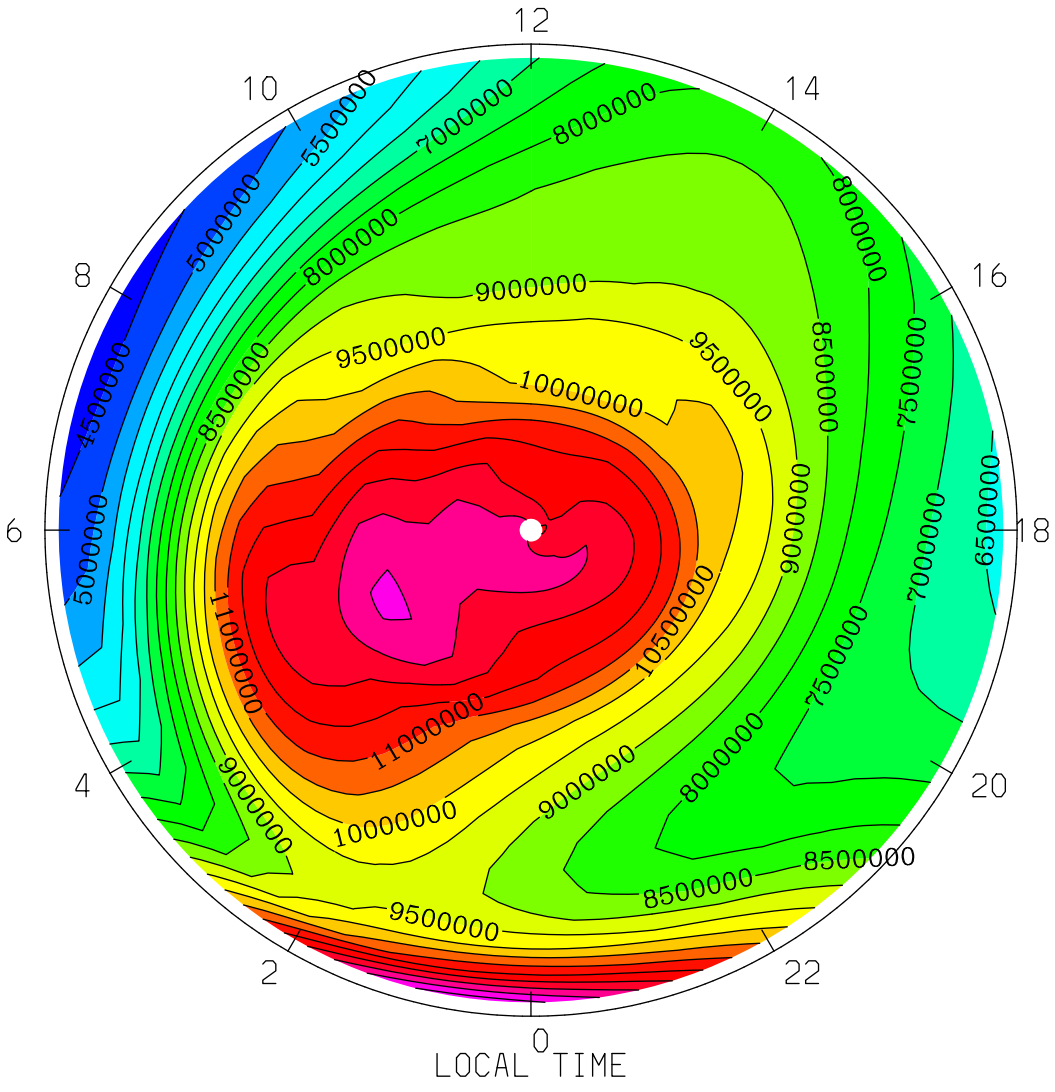
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 3.0482E+06 6.0674E+07 INTERVAL= 4.0000E+06

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

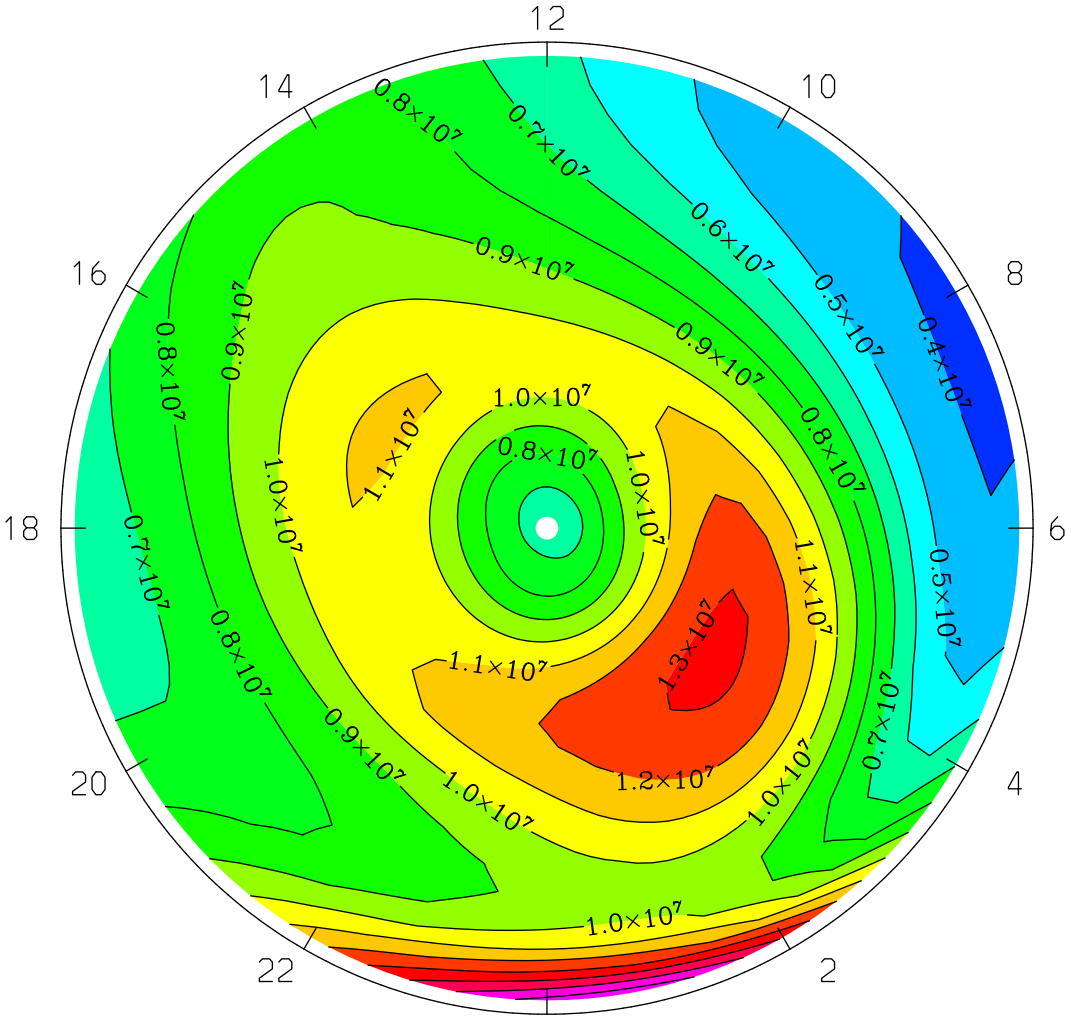


MIN,MAX= 4.2972E+06 1.3733E+07 INTERVAL= 5.0000E+05

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

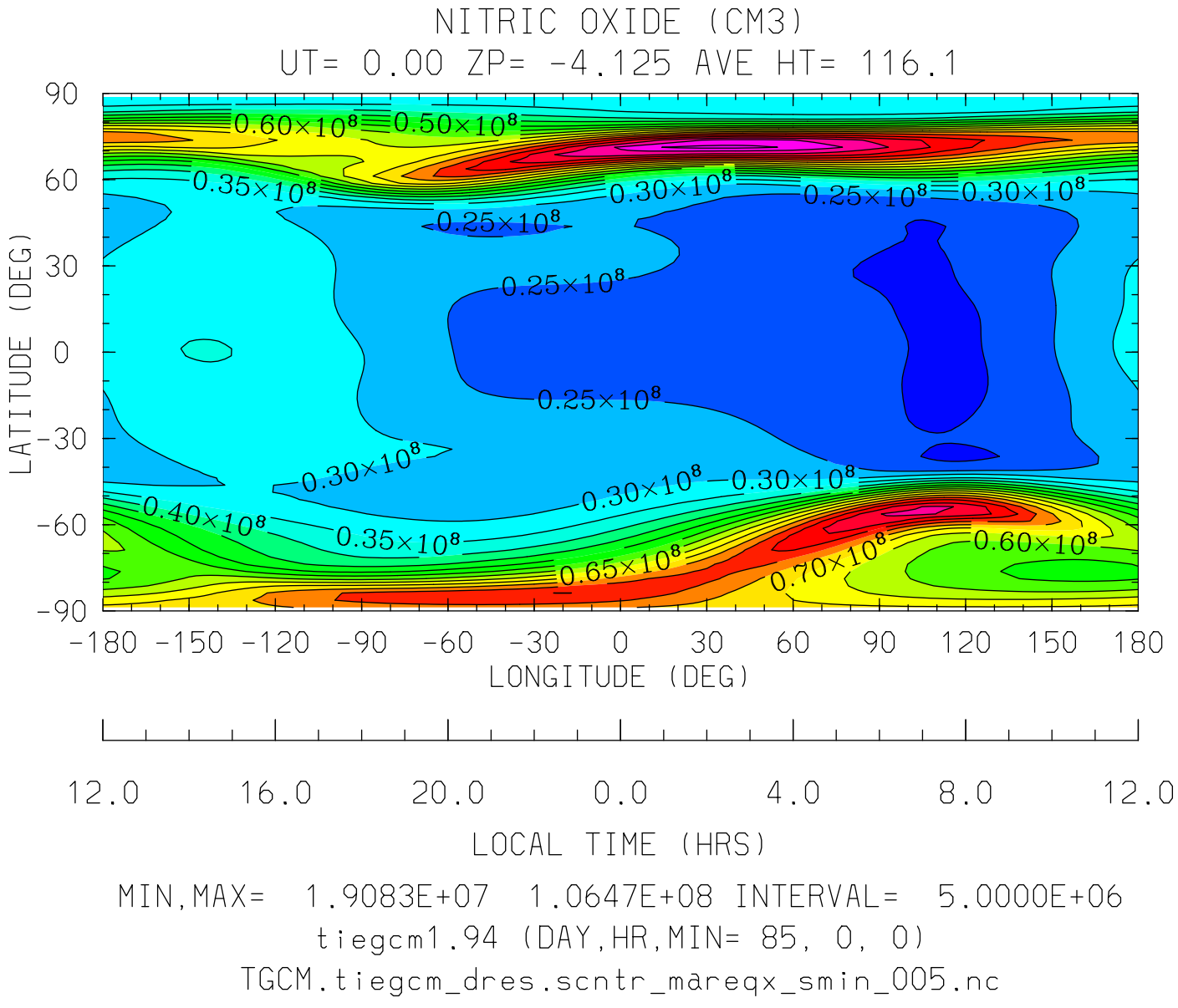
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

NITRIC OXIDE (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT= 40.0



LOCAL TIME

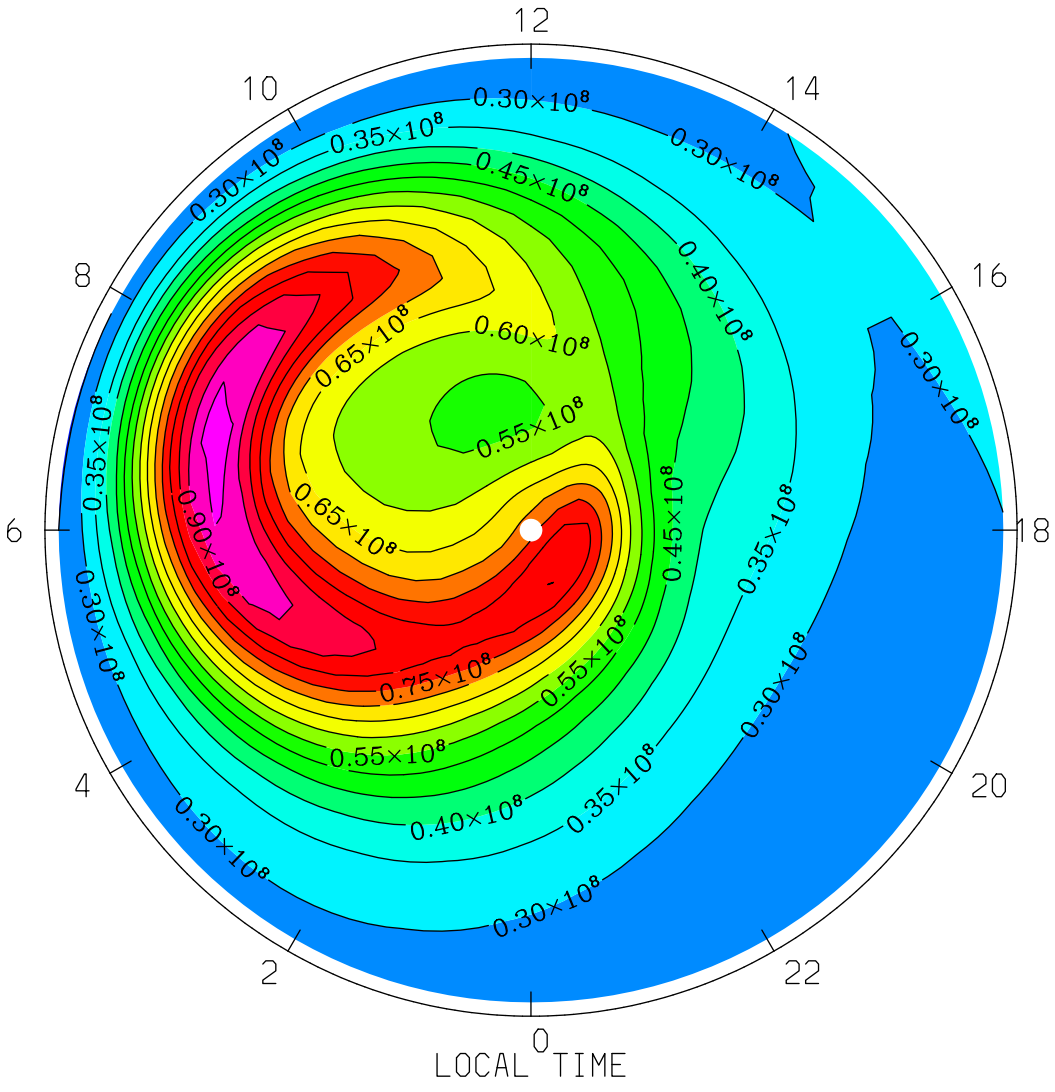
MIN,MAX= 3.8924E+06 1.6670E+07 INTERVAL= 1.0000E+06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 1.9083E+07 1.0647E+08 INTERVAL= 5.0000E+06

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

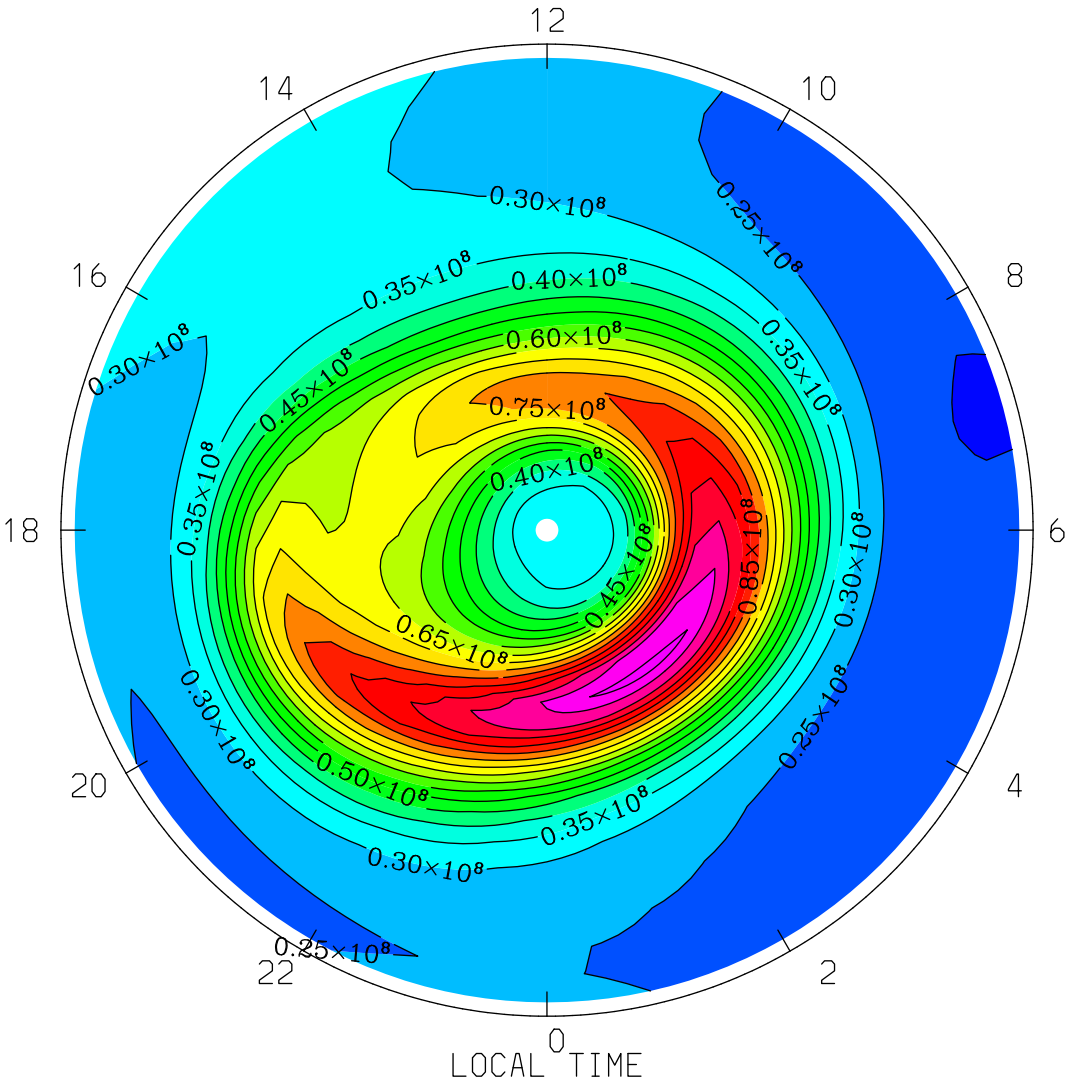
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 2.4508E+07 9.6606E+07 INTERVAL= 5.0000E+06

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

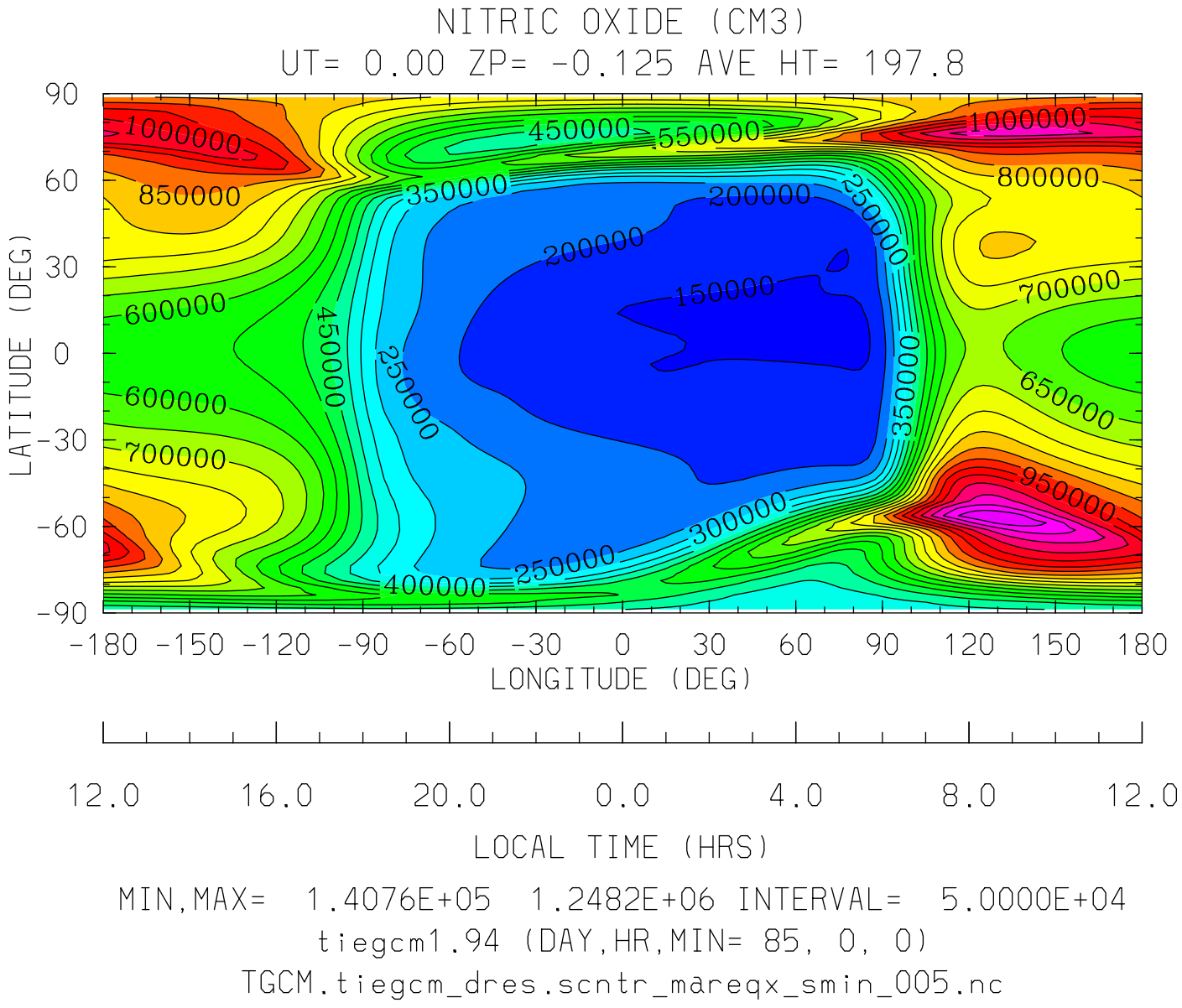
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 1.9874E+07 1.0647E+08 INTERVAL= 5.0000E+06

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

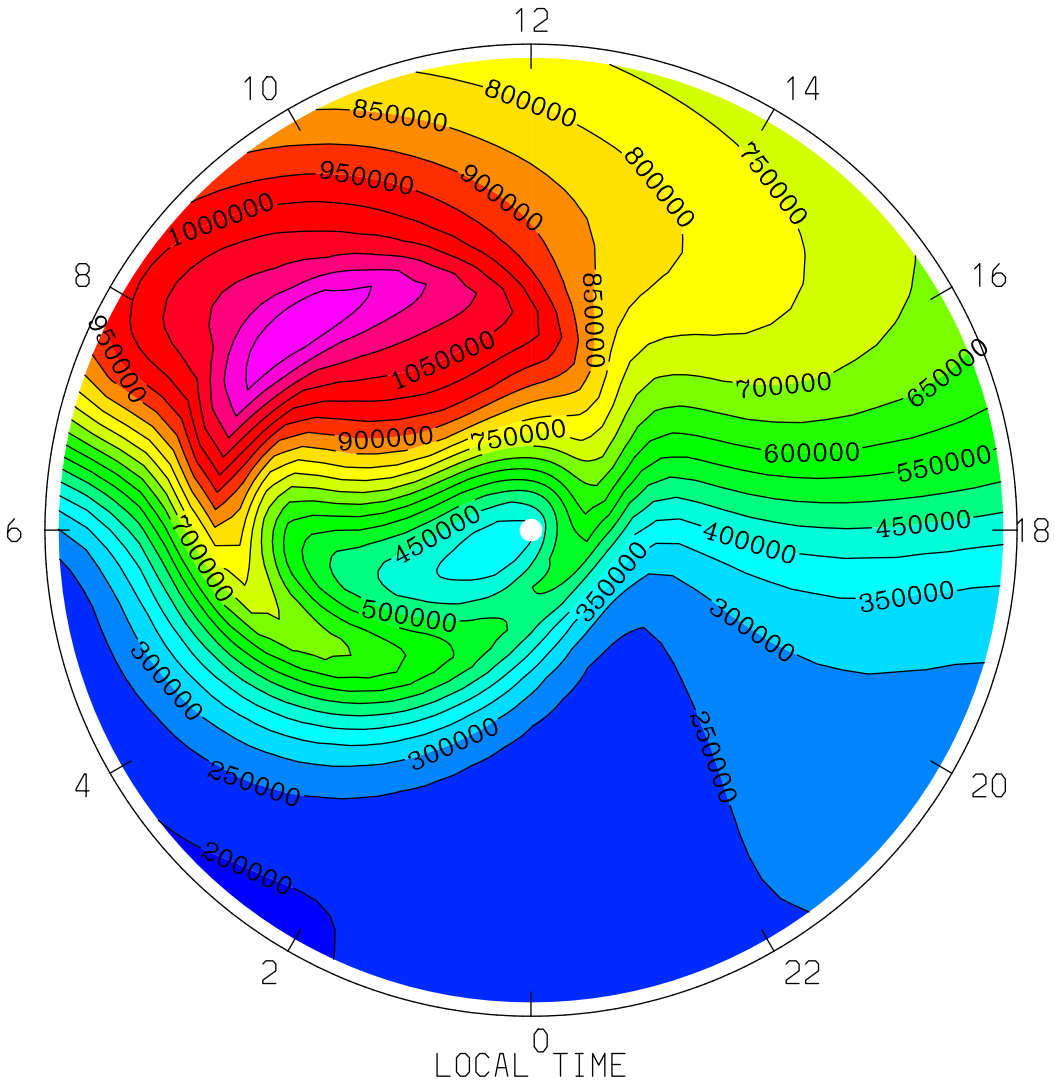
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

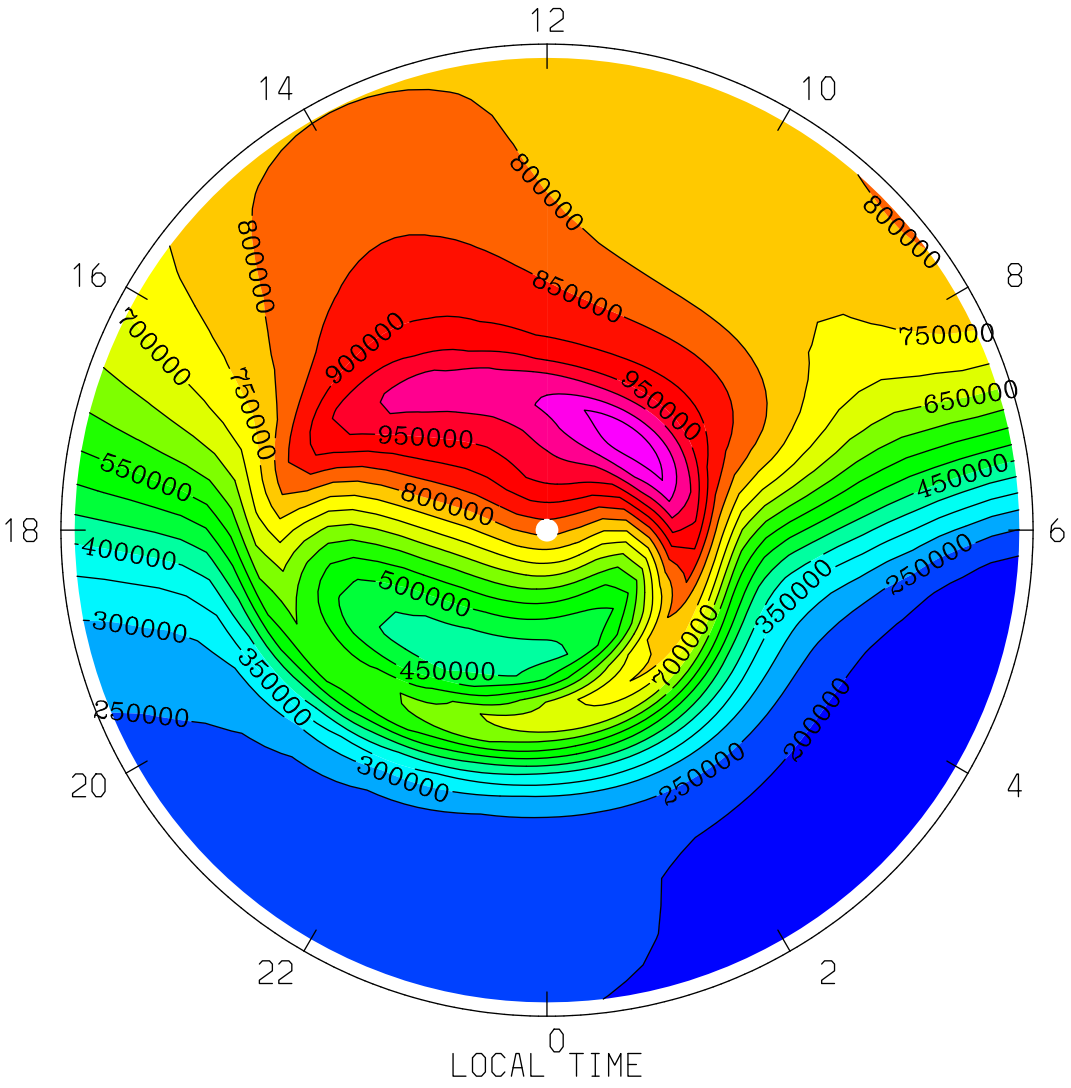


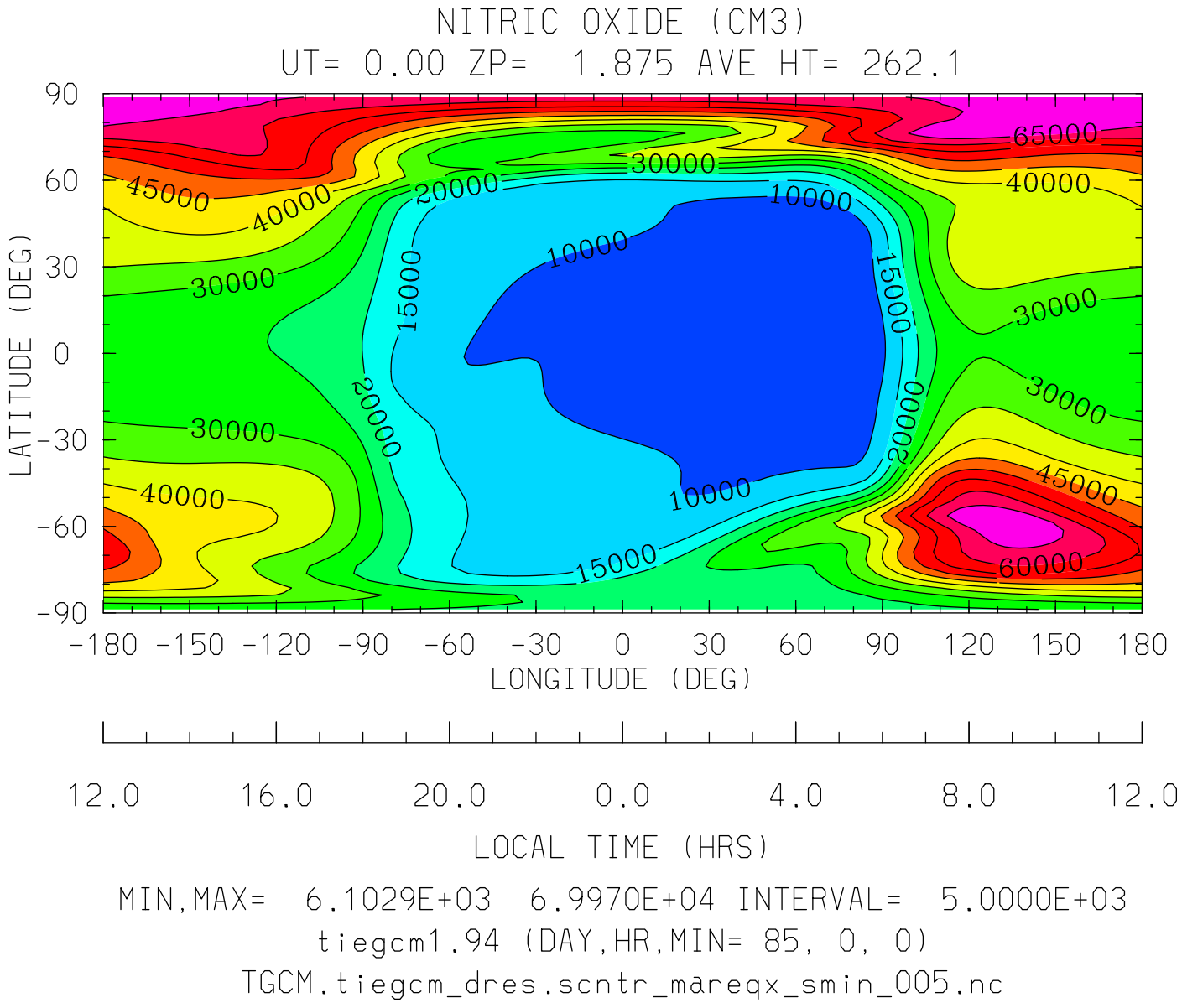
MIN,MAX= 1.4076E+05 1.2482E+06 INTERVAL= 5.0000E+04

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


NITRIC OXIDE (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 197.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
1000000
950000
900000
850000
800000
750000
700000
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
1050000
MIN,MAX= 1.9508E+05 1.2482E+06 INTERVAL= 5.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

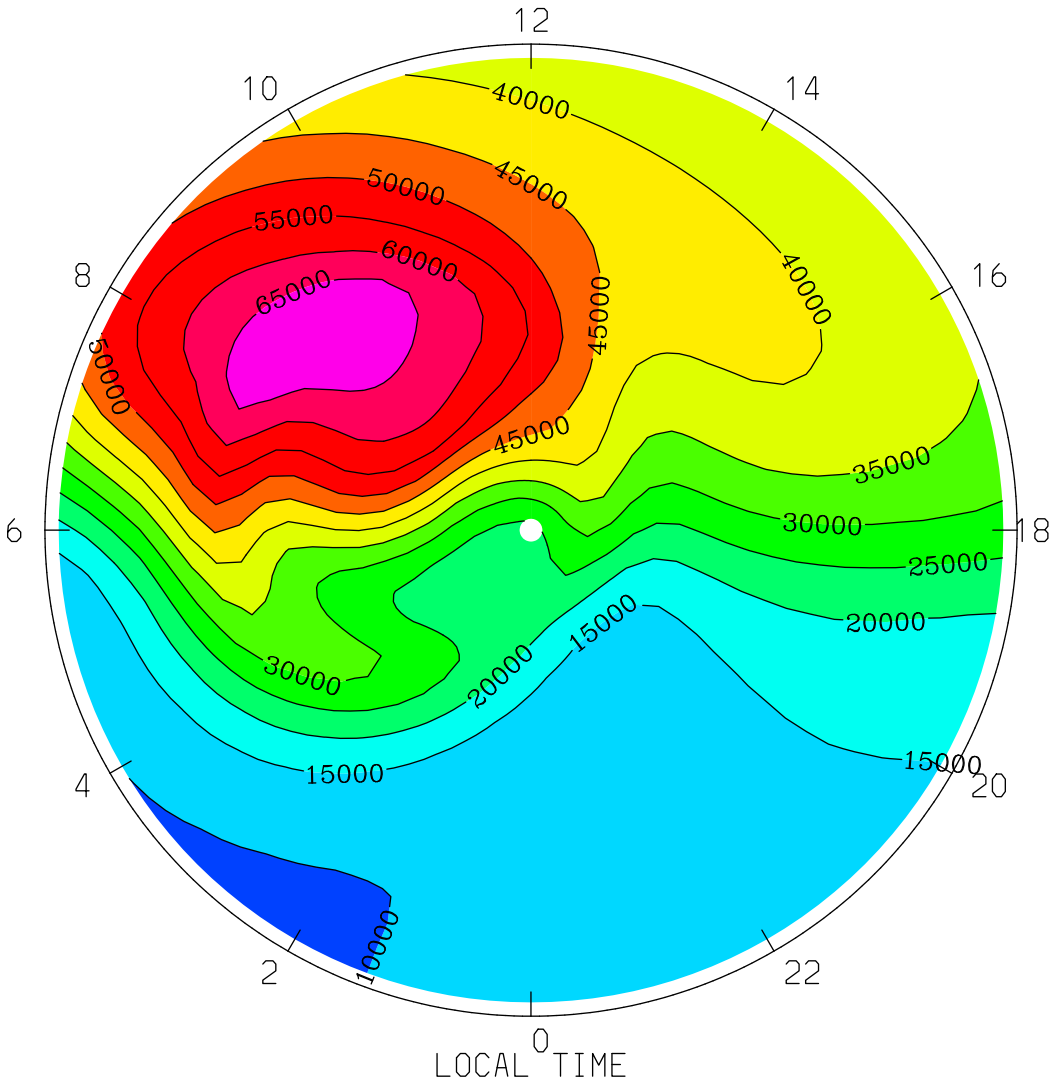

NITRIC OXIDE (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 197.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
800000
850000
900000
950000
750000
700000
650000
550000
450000
400000
500000
350000
300000
250000
200000
LOCAL TIME
MIN,MAX= 1.5279E+05 1.1361E+06 INTERVAL= 5.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 6.1029E+03 6.9970E+04 INTERVAL= 5.0000E+03

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

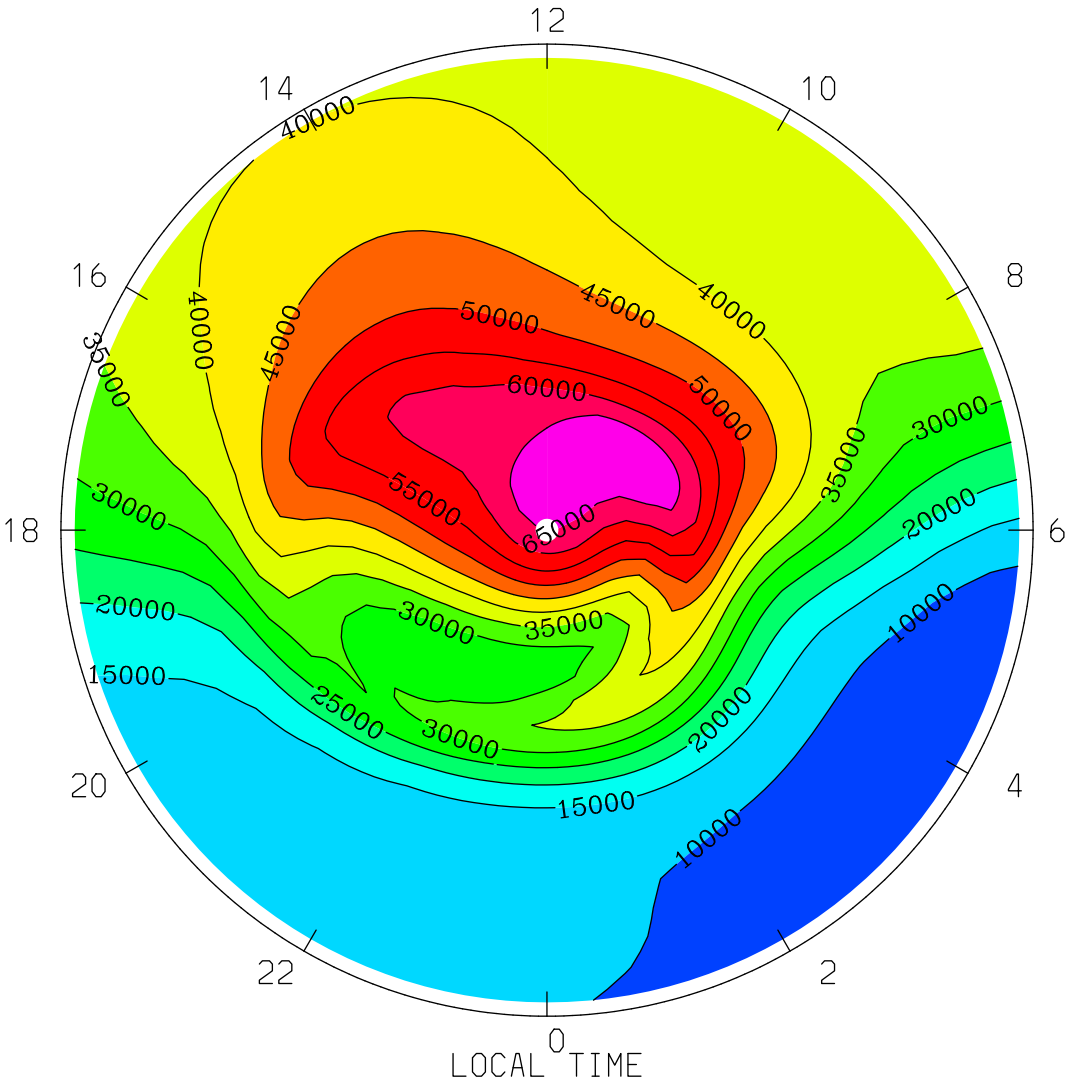
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

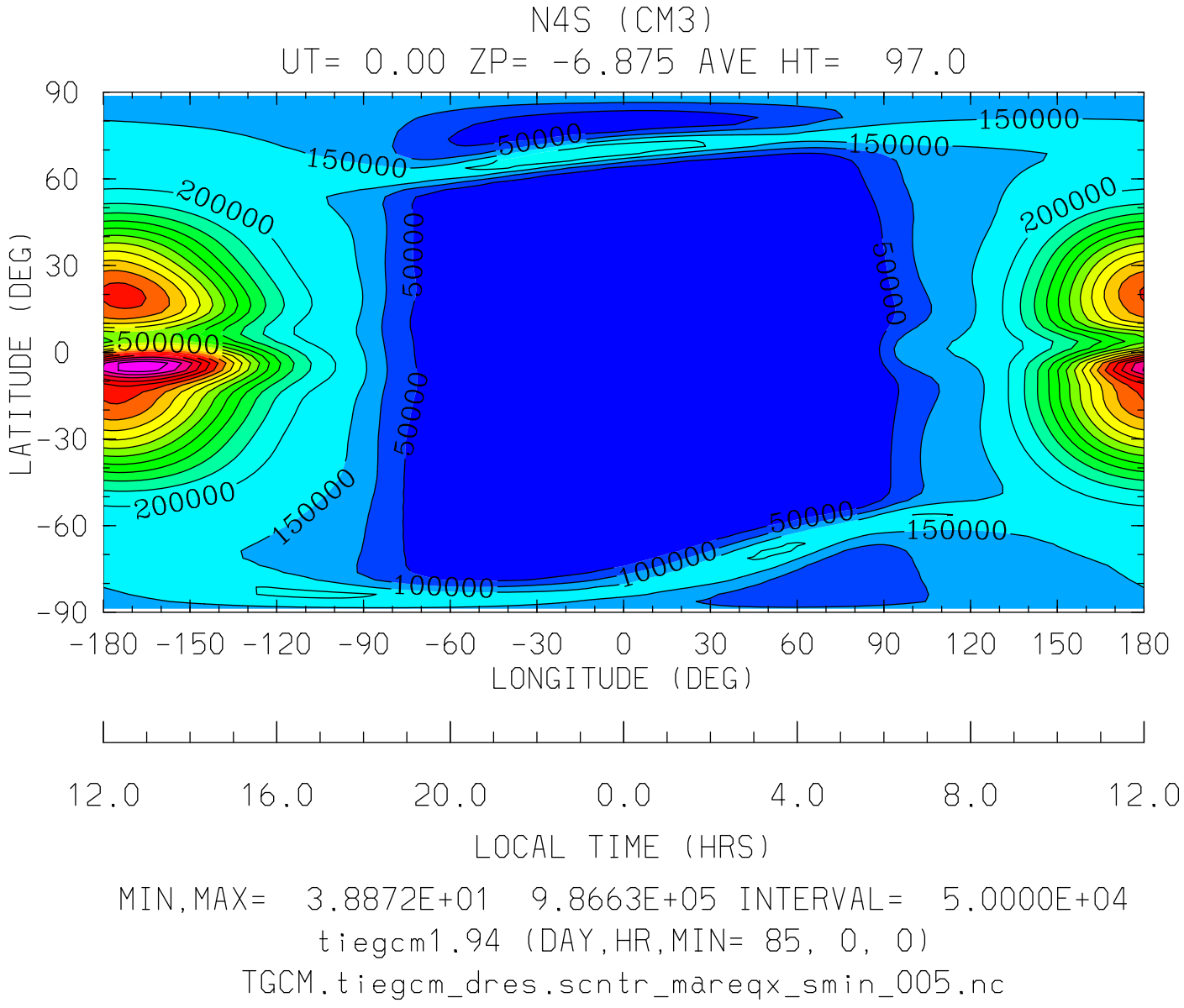


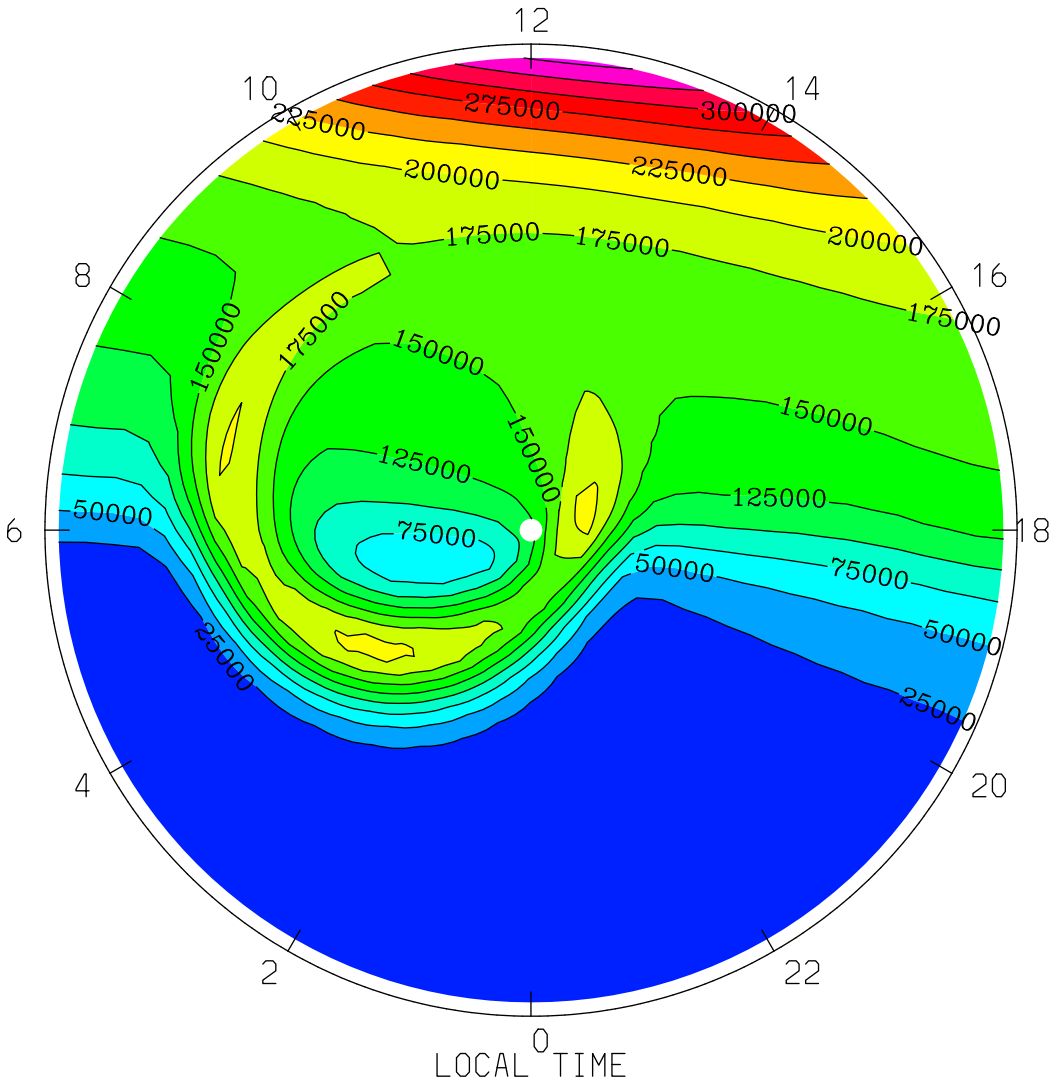
MIN,MAX= 9.3888E+03 6.9970E+04 INTERVAL= 5.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


NITRIC OXIDE (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 262.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
40000
45000
50000
60000
55000
65000
35000
30000
25000
20000
15000
10000
LOCAL TIME
MIN,MAX= 6.8460E+03 6.9811E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

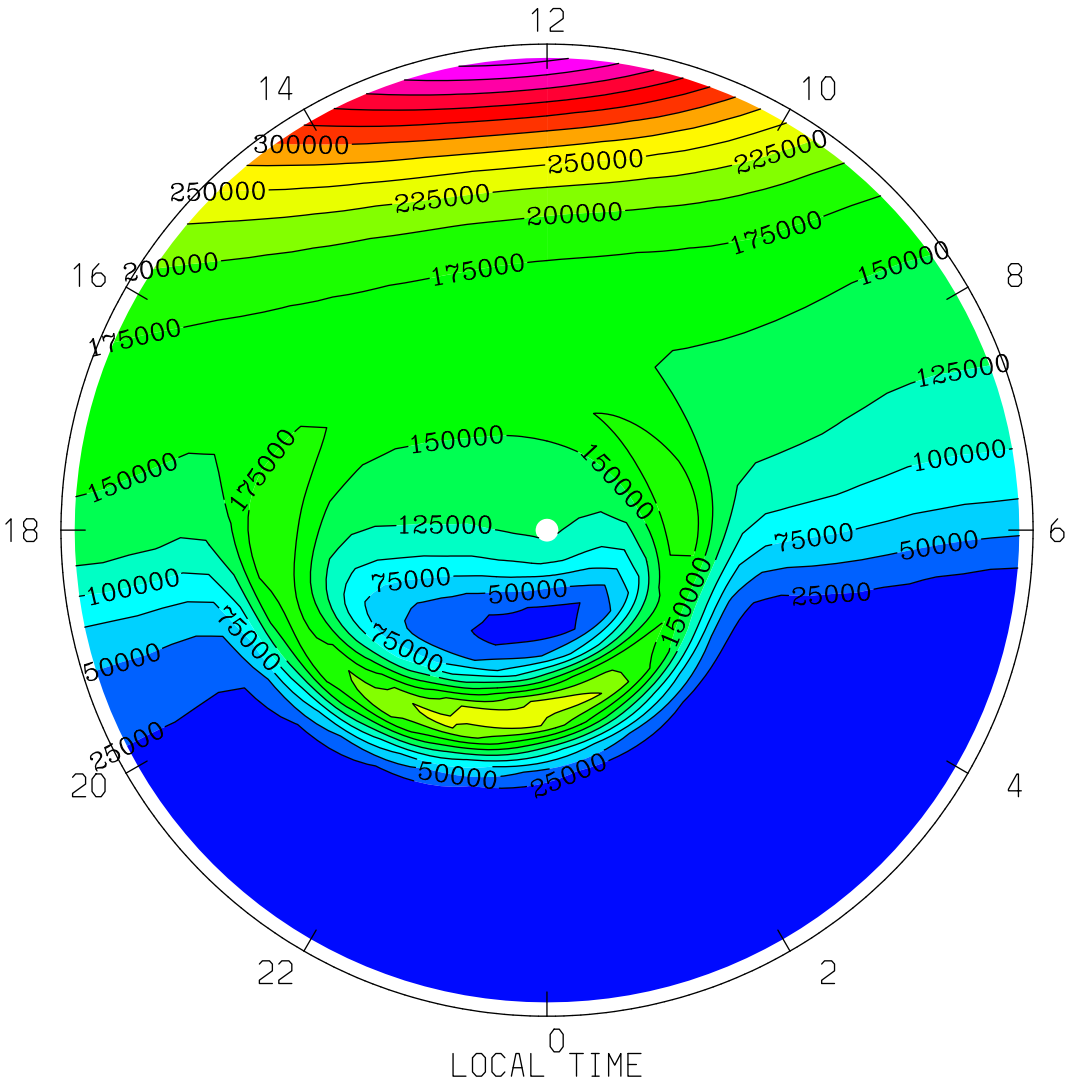

N4S (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.8872E+01 9.8663E+05 INTERVAL= 5.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

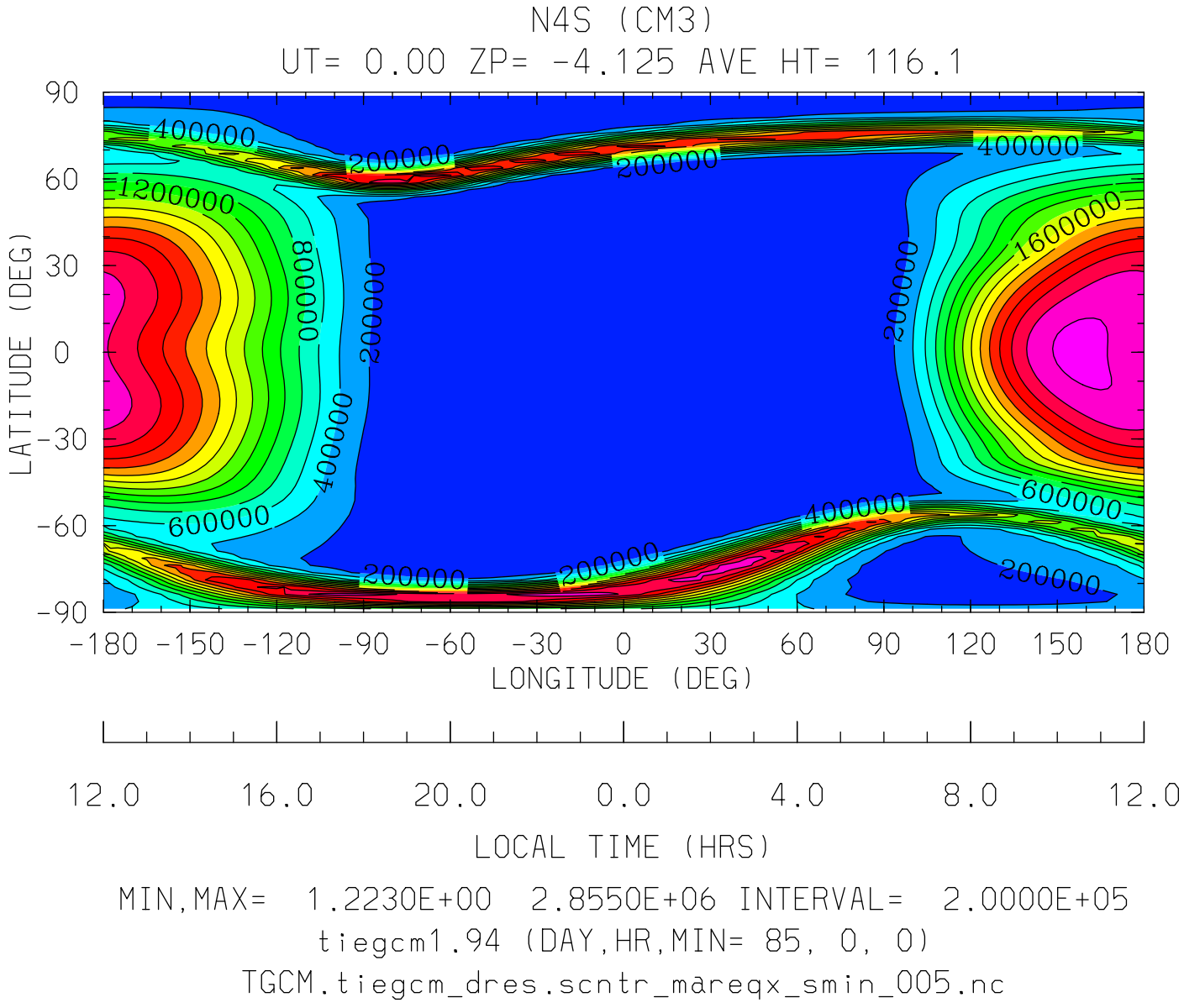


MIN,MAX= 3.8981E+01 3.5623E+05 INTERVAL= 2.5000E+04

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

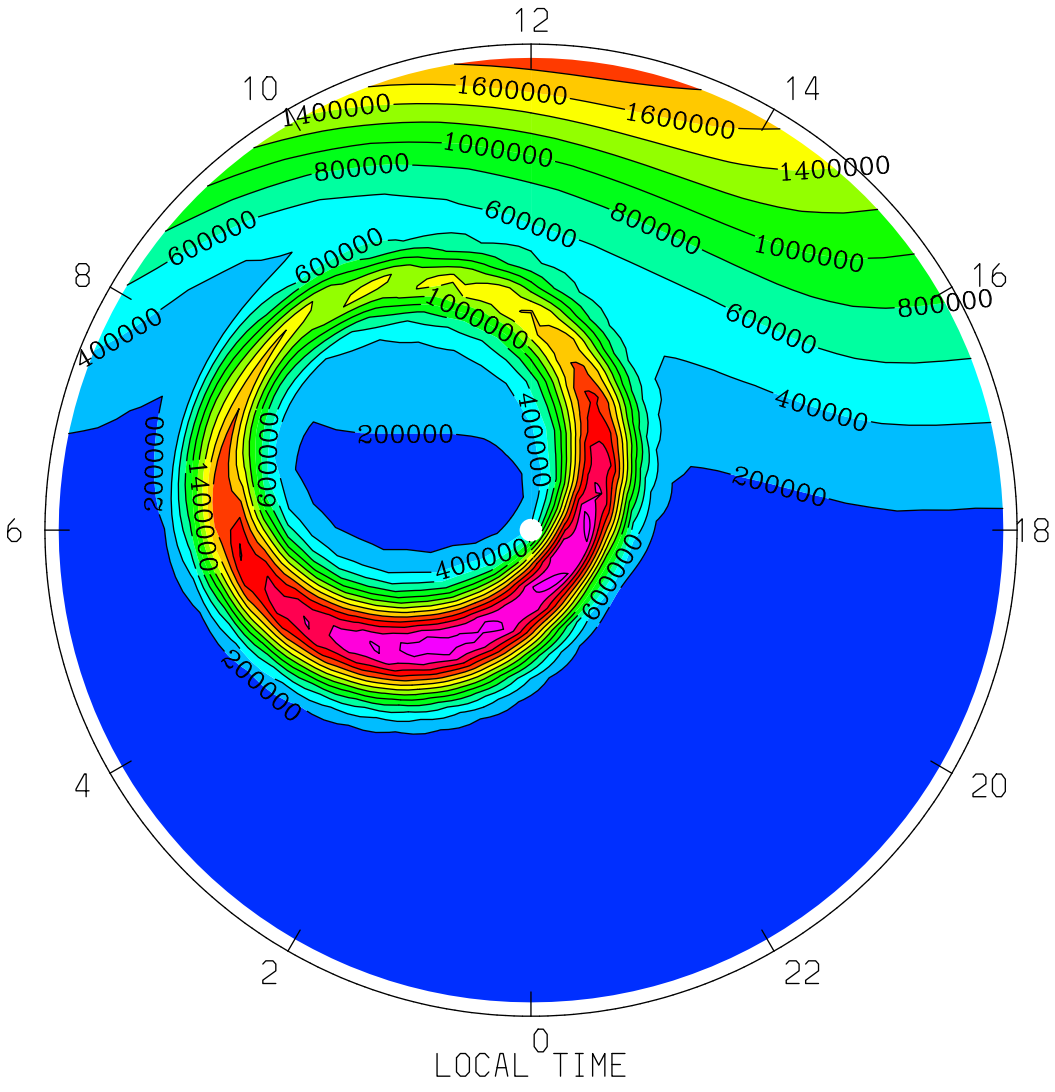

N4S (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
300000
250000
225000
200000
175000
150000
125000
100000
75000
50000
25000
LOCAL TIME
MIN,MAX= 3.8872E+01 4.3415E+05 INTERVAL= 2.5000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 1.2230E+00 2.8550E+06 INTERVAL= 2.0000E+05

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

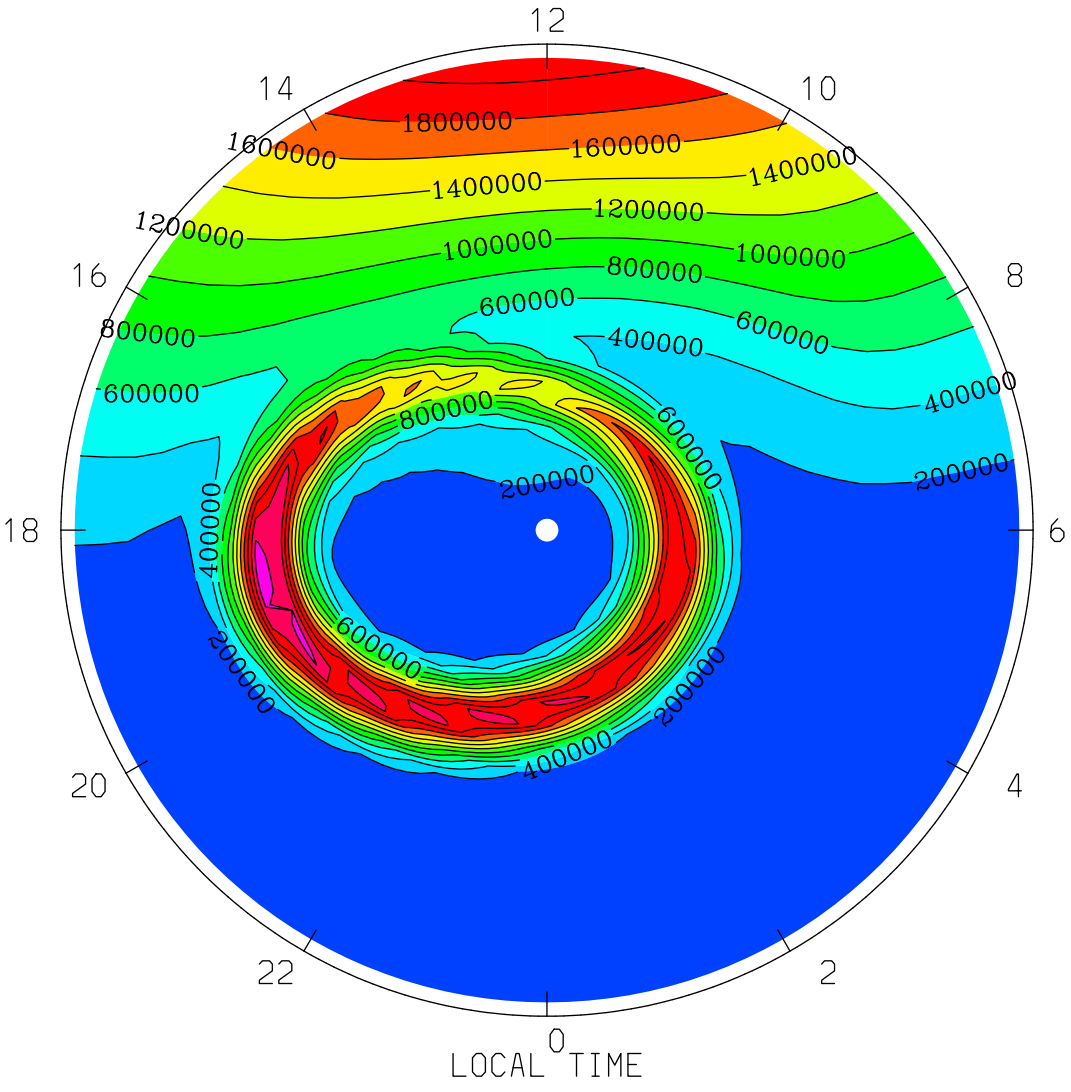
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 1.2992E+00 2.7381E+06 INTERVAL= 2.0000E+05

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

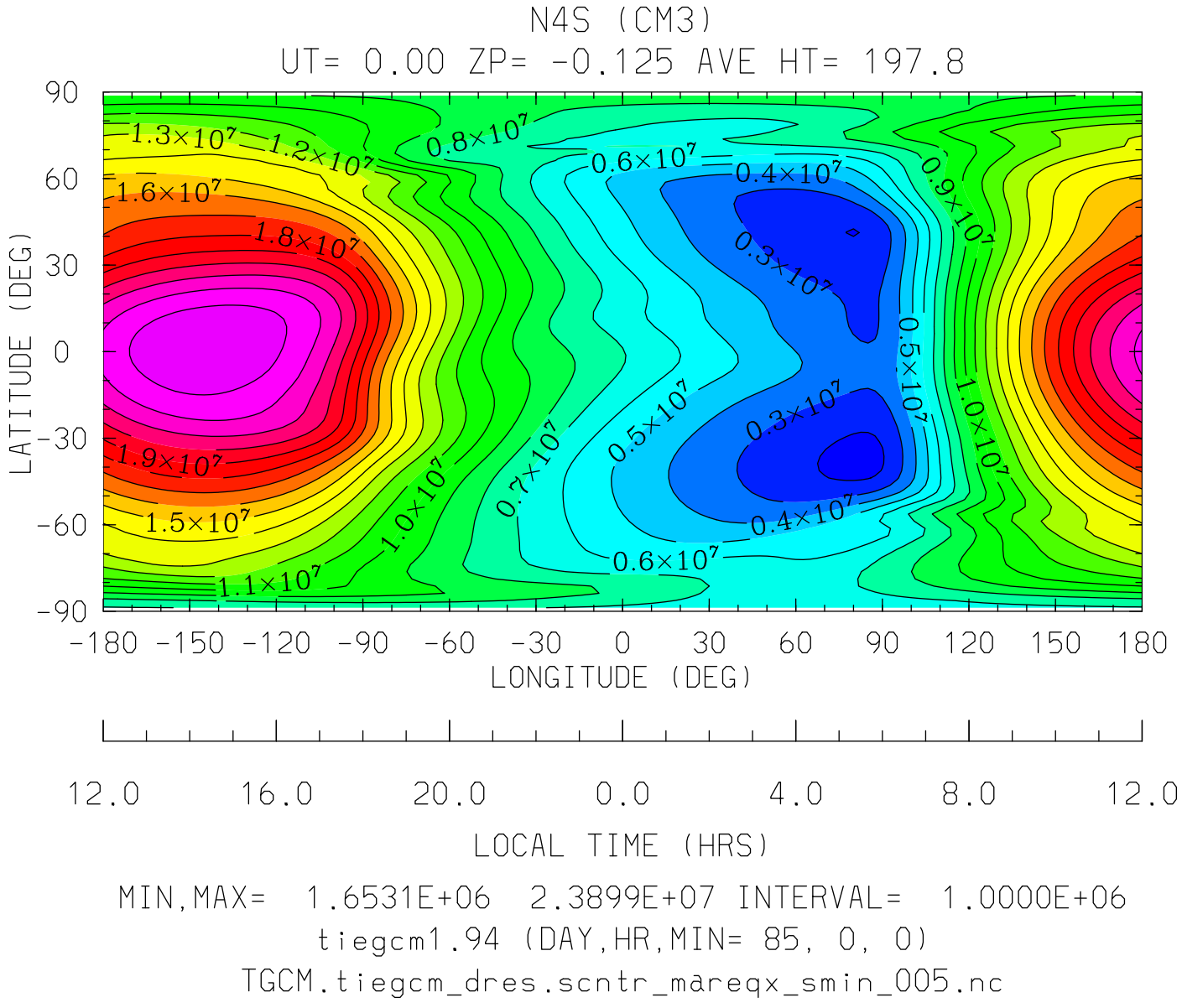
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 1.2230E+00 2.5075E+06 INTERVAL= 2.0000E+05

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

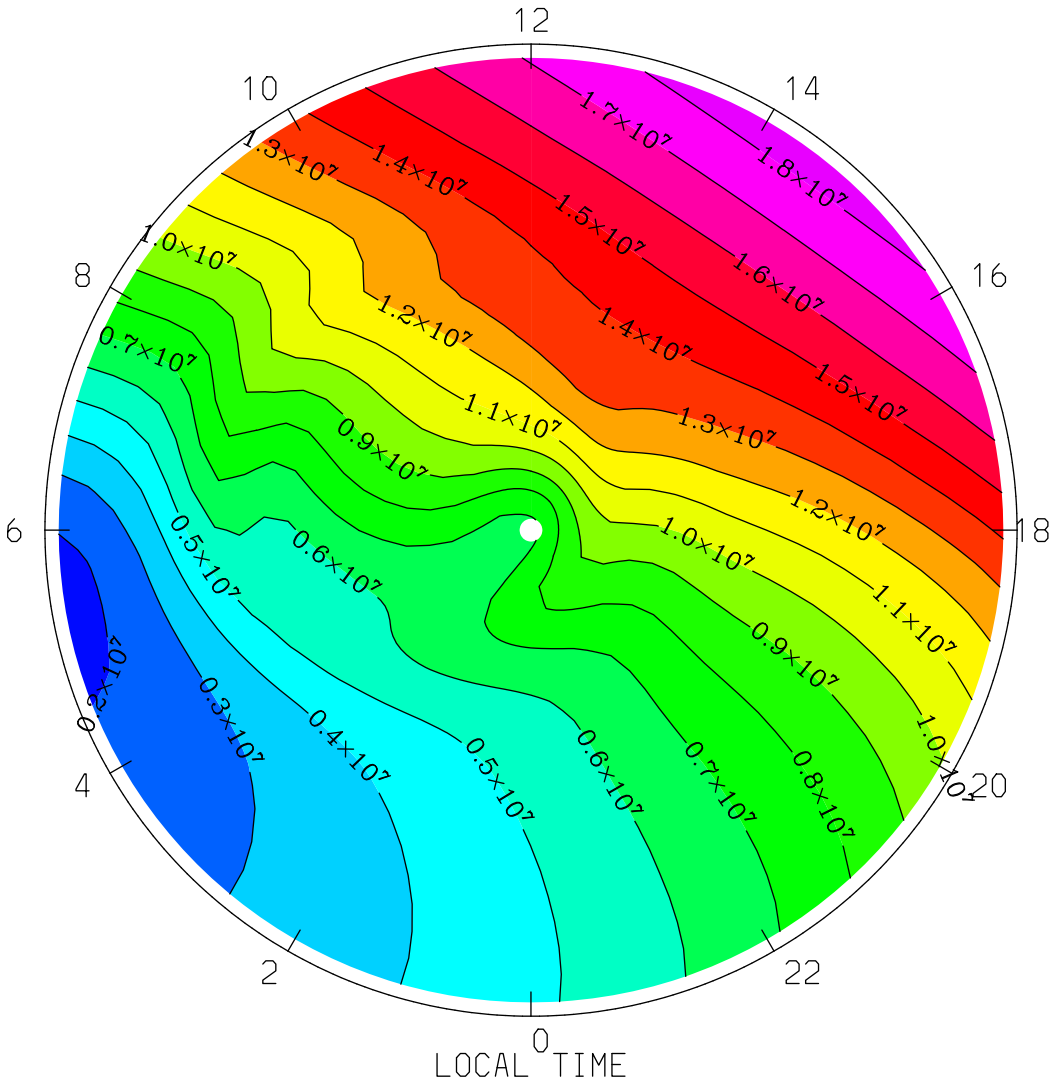
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 1.6531E+06 2.3899E+07 INTERVAL= 1.0000E+06

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

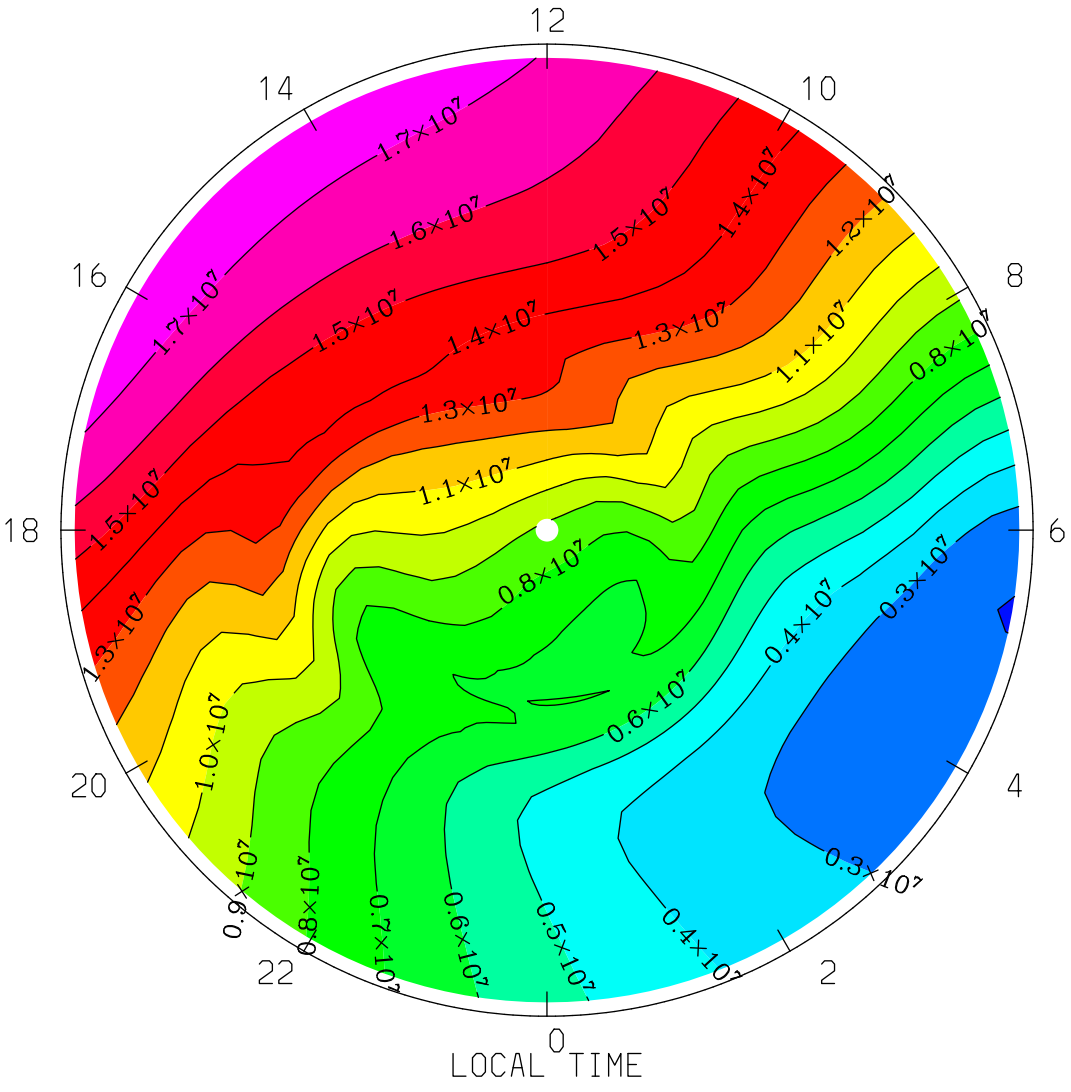
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 1.7138E+06 1.8538E+07 INTERVAL= 1.0000E+06

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

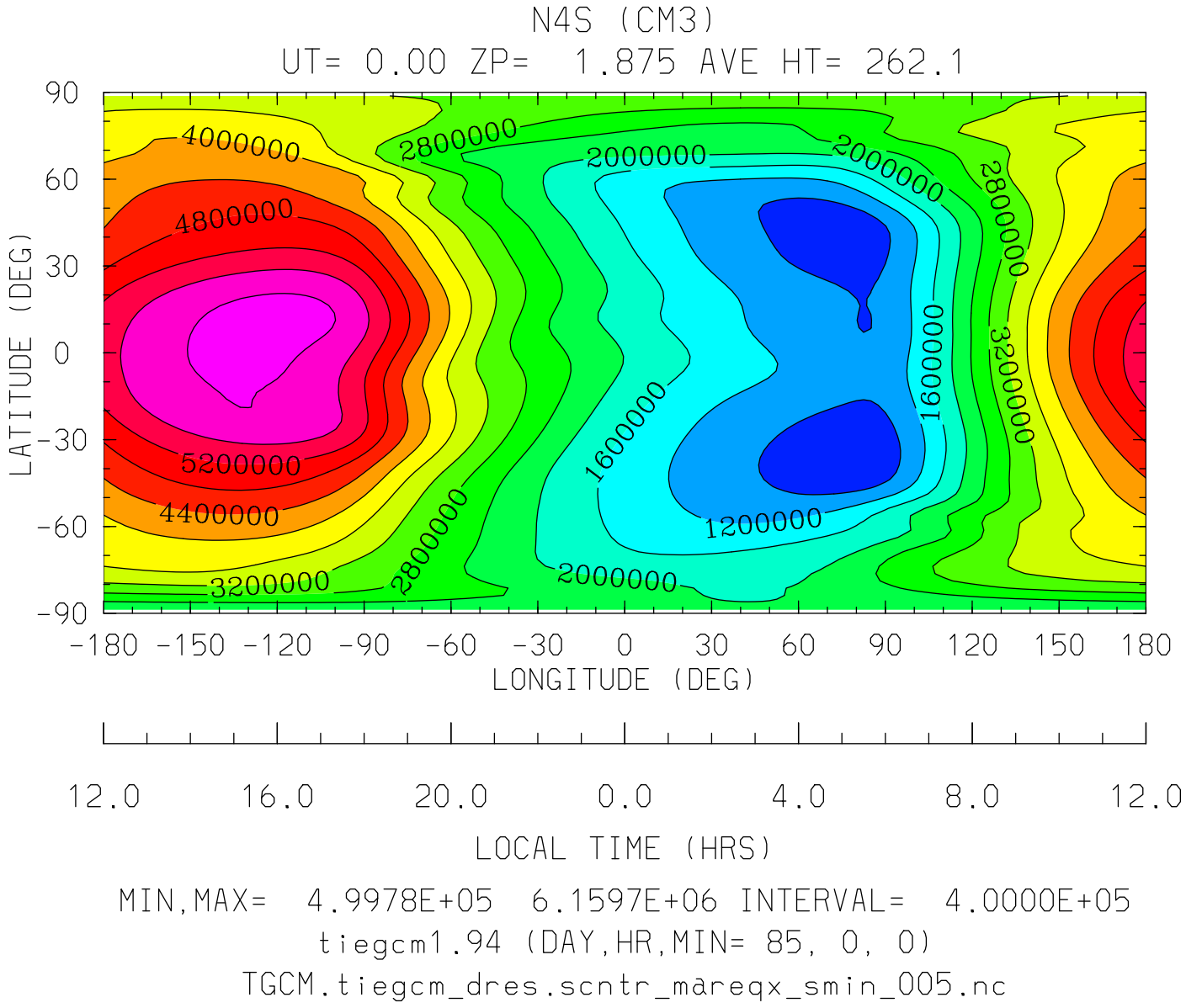
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 1.9805E+06 1.7846E+07 INTERVAL= 1.0000E+06

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

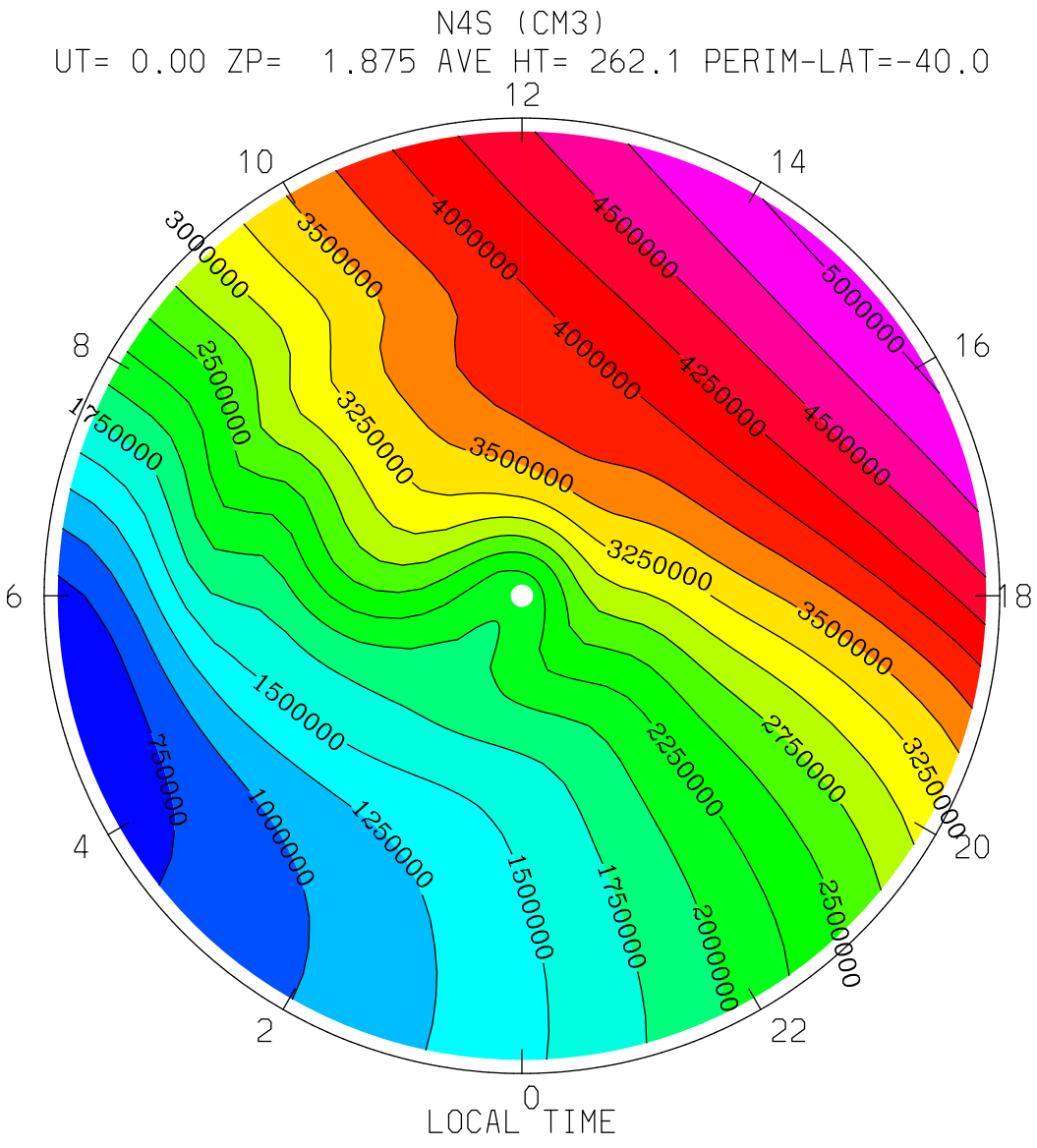
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 4.9978E+05 6.1597E+06 INTERVAL= 4.0000E+05

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

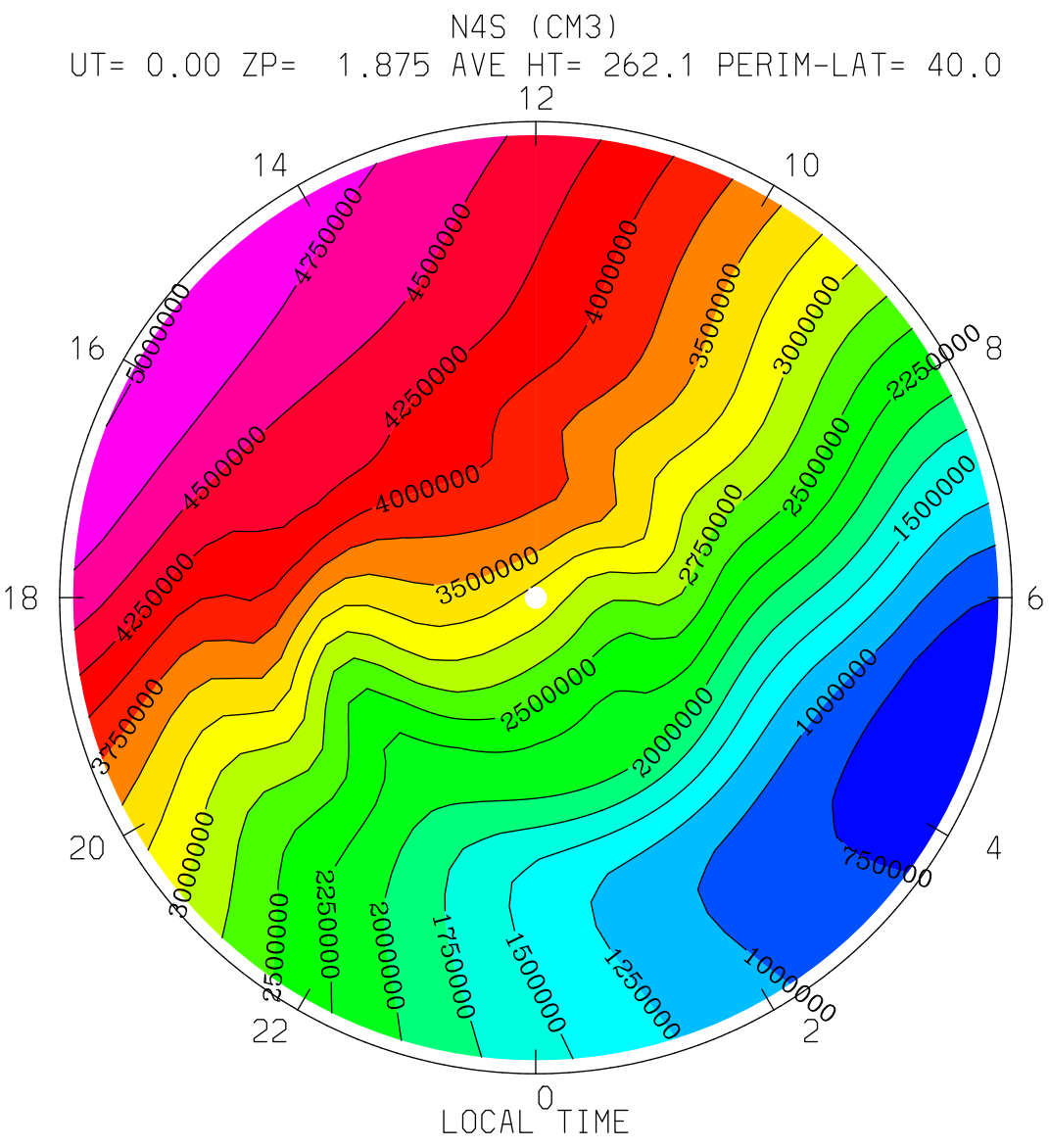
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

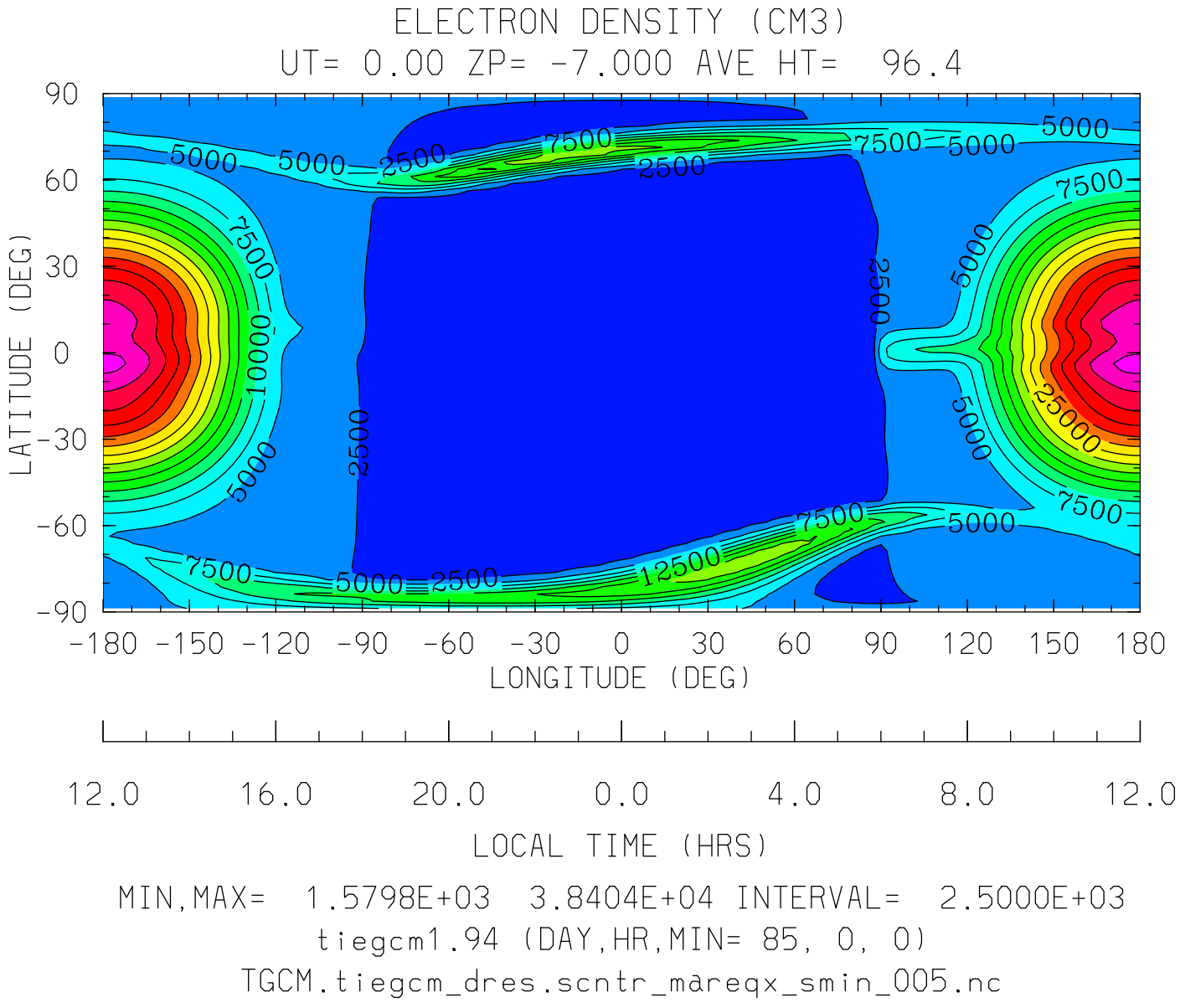


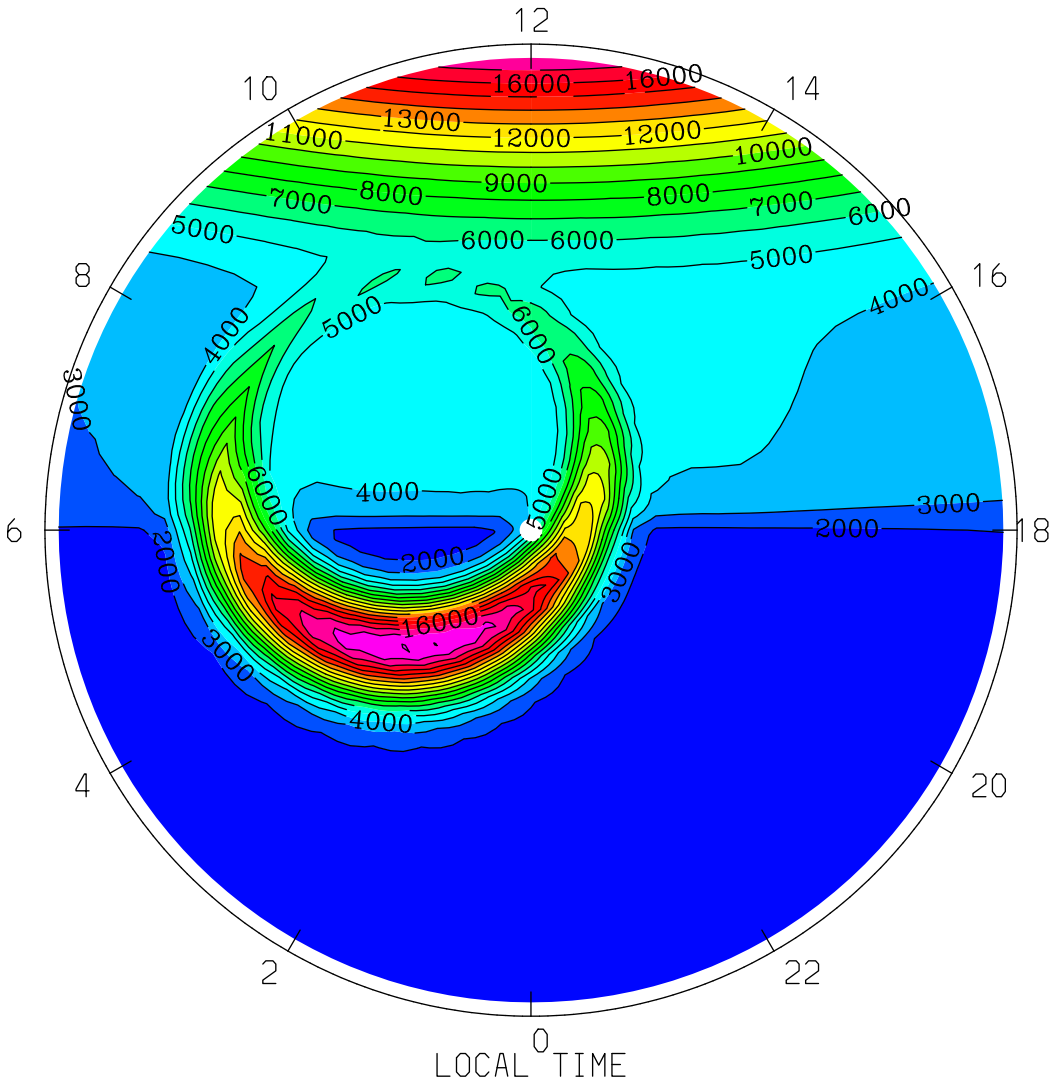
MIN,MAX= 5.2073E+05 5.0759E+06 INTERVAL= 2.5000E+05

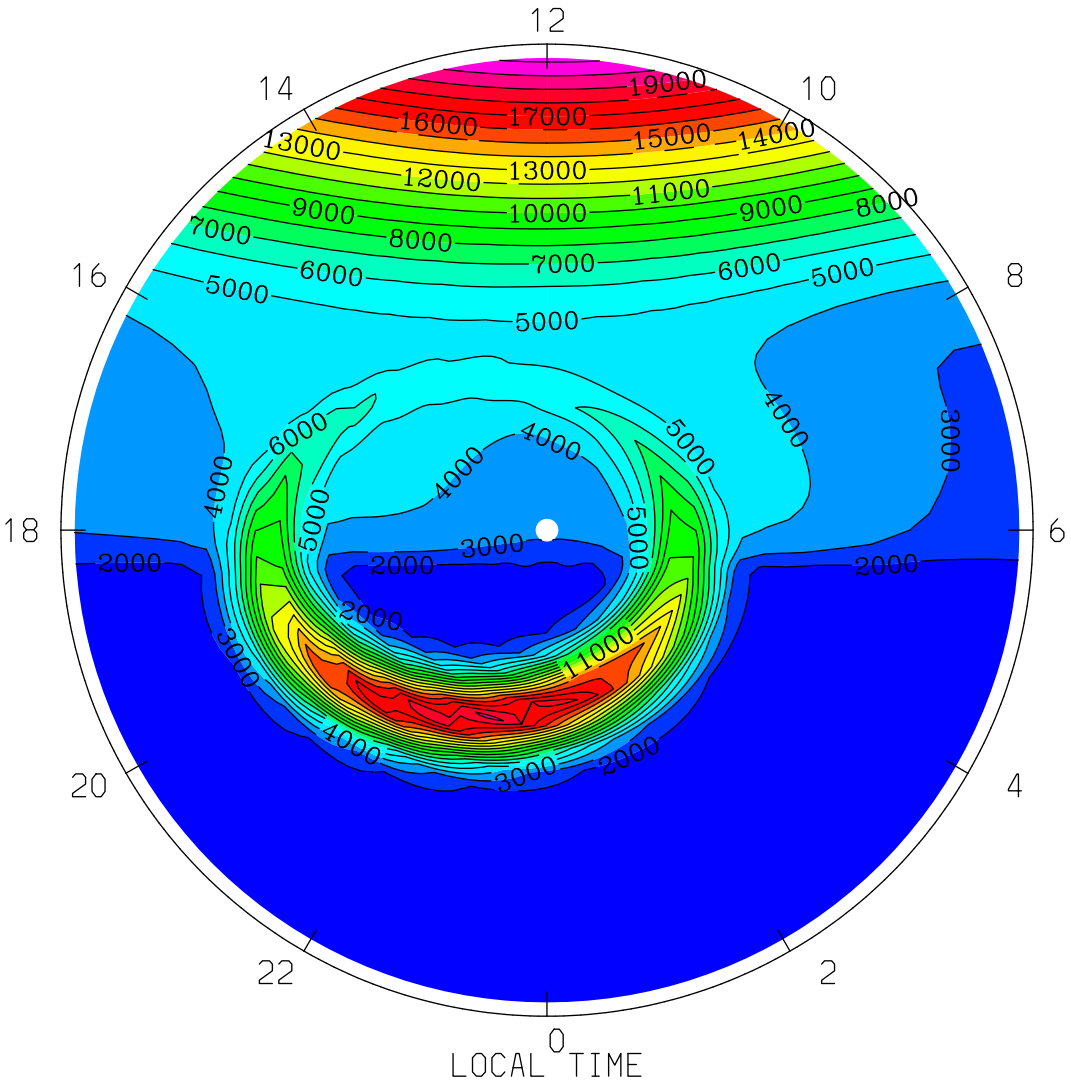
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

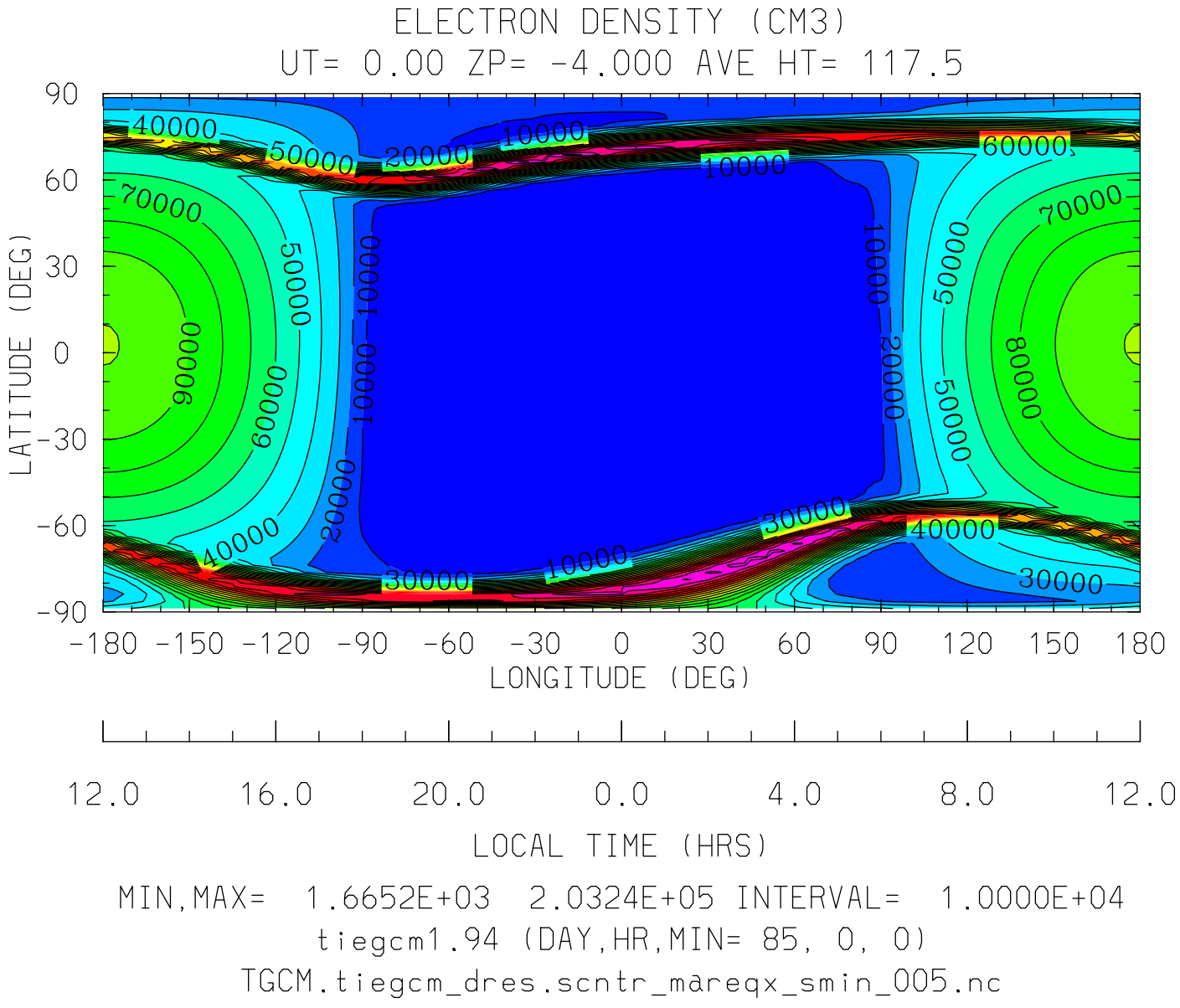
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

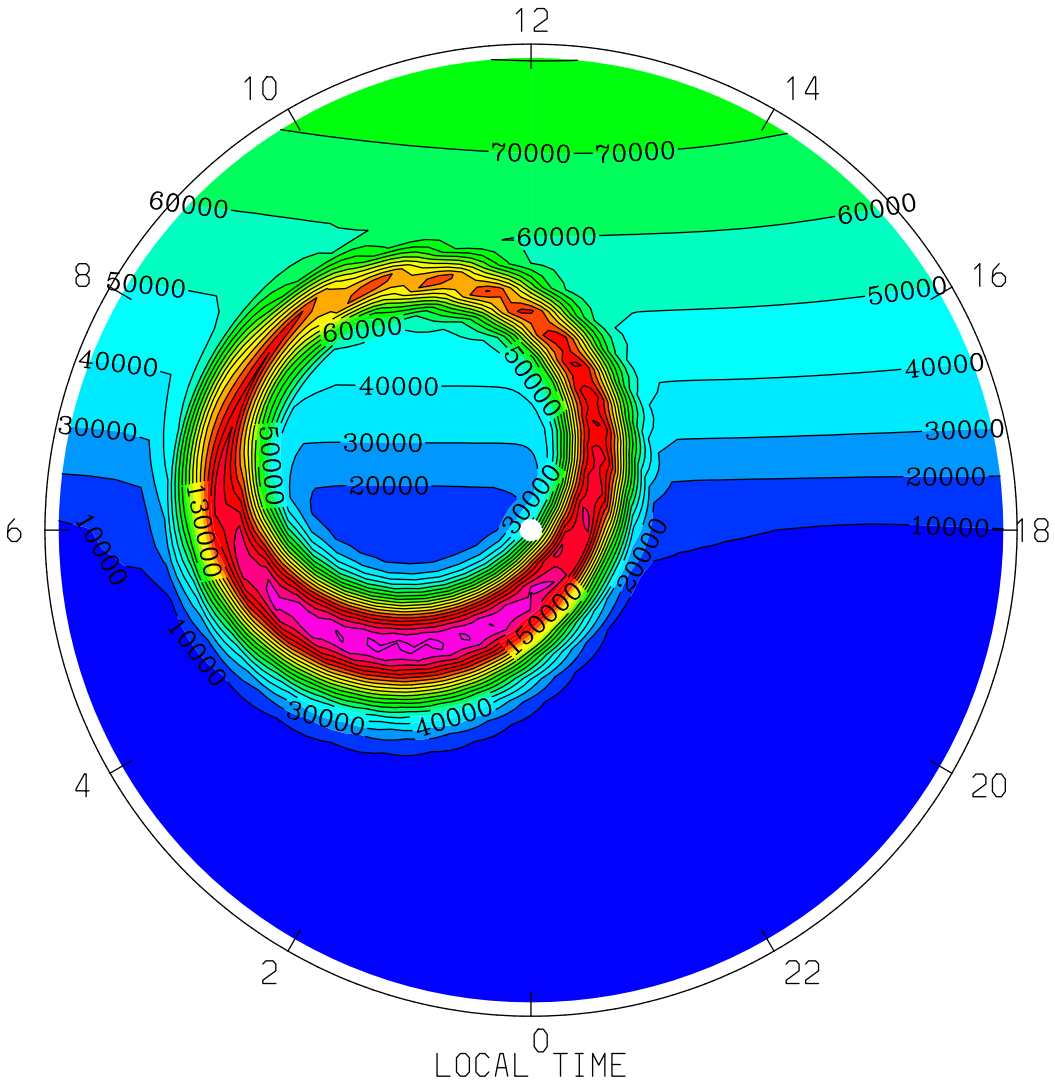

N4S (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 262.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
5000000
4750000
4500000
4250000
4000000
3750000
3500000
3250000
3000000
2750000
2500000
2250000
2000000
1750000
1500000
1250000
1000000
750000
LOCAL TIME
MIN,MAX= 5.5768E+05 5.0134E+06 INTERVAL= 2.5000E+05
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

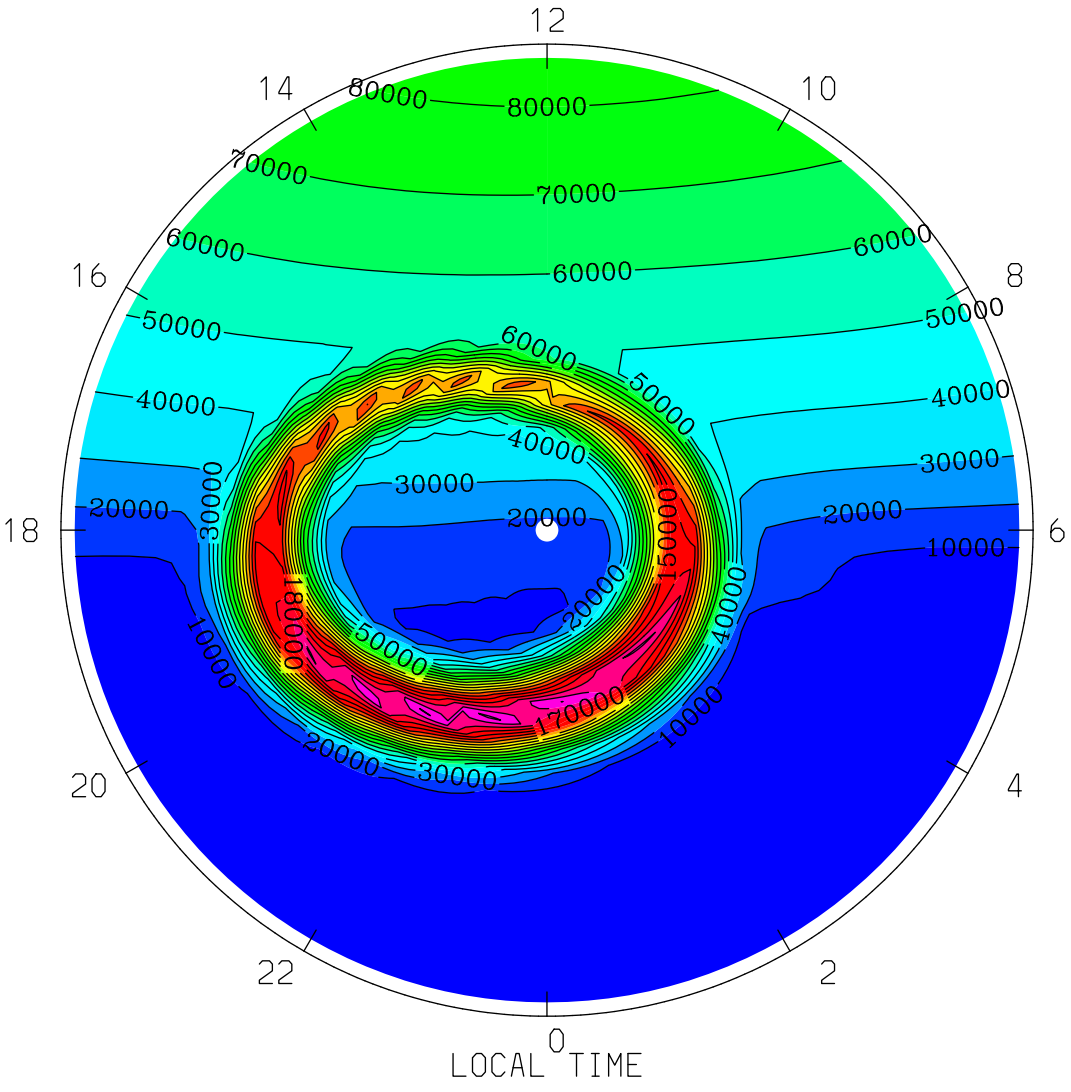

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.5798E+03 3.8404E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

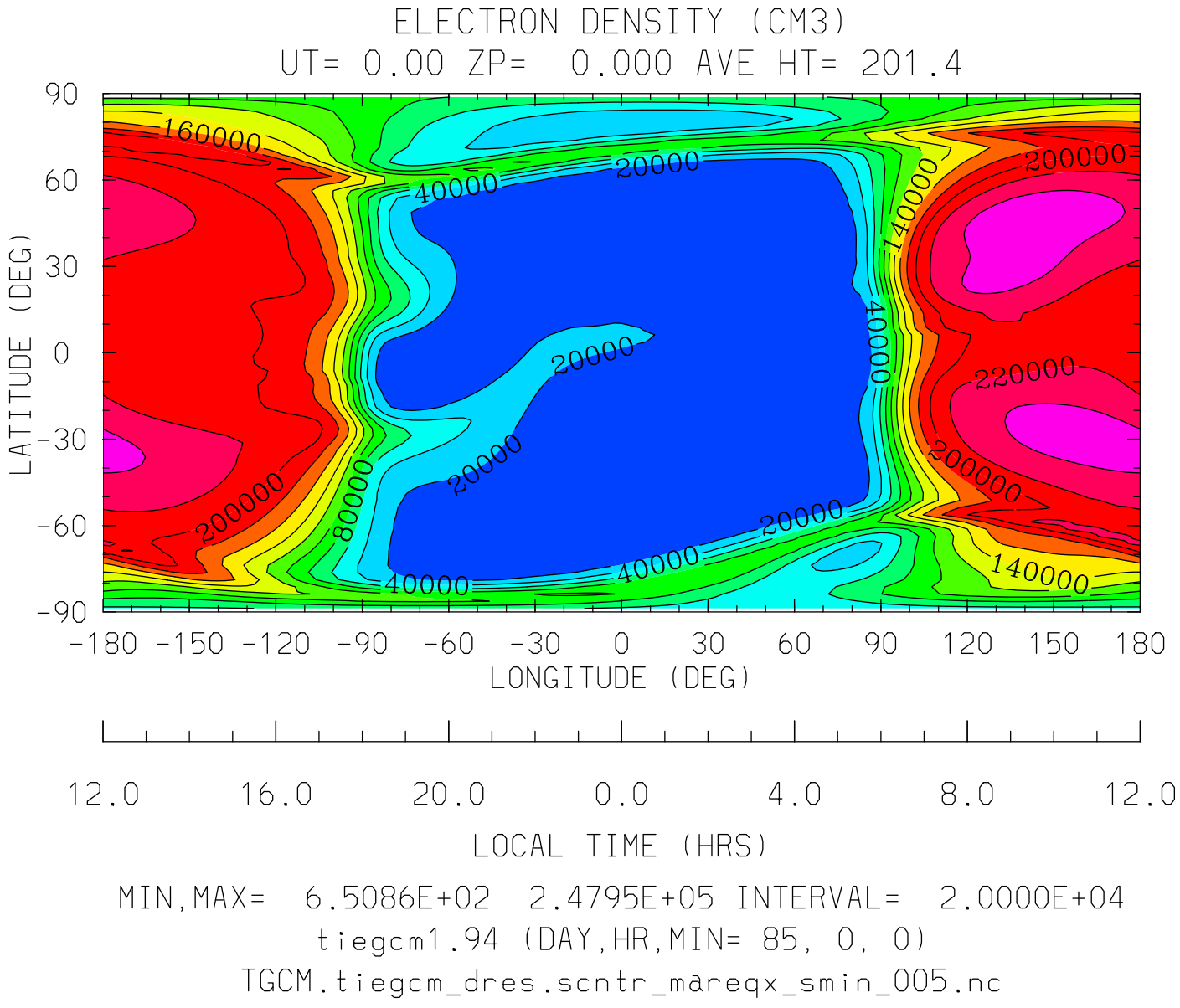

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
16000
13000
12000
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
LOCAL TIME
MIN,MAX= 1.6132E+03 1.9117E+04 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

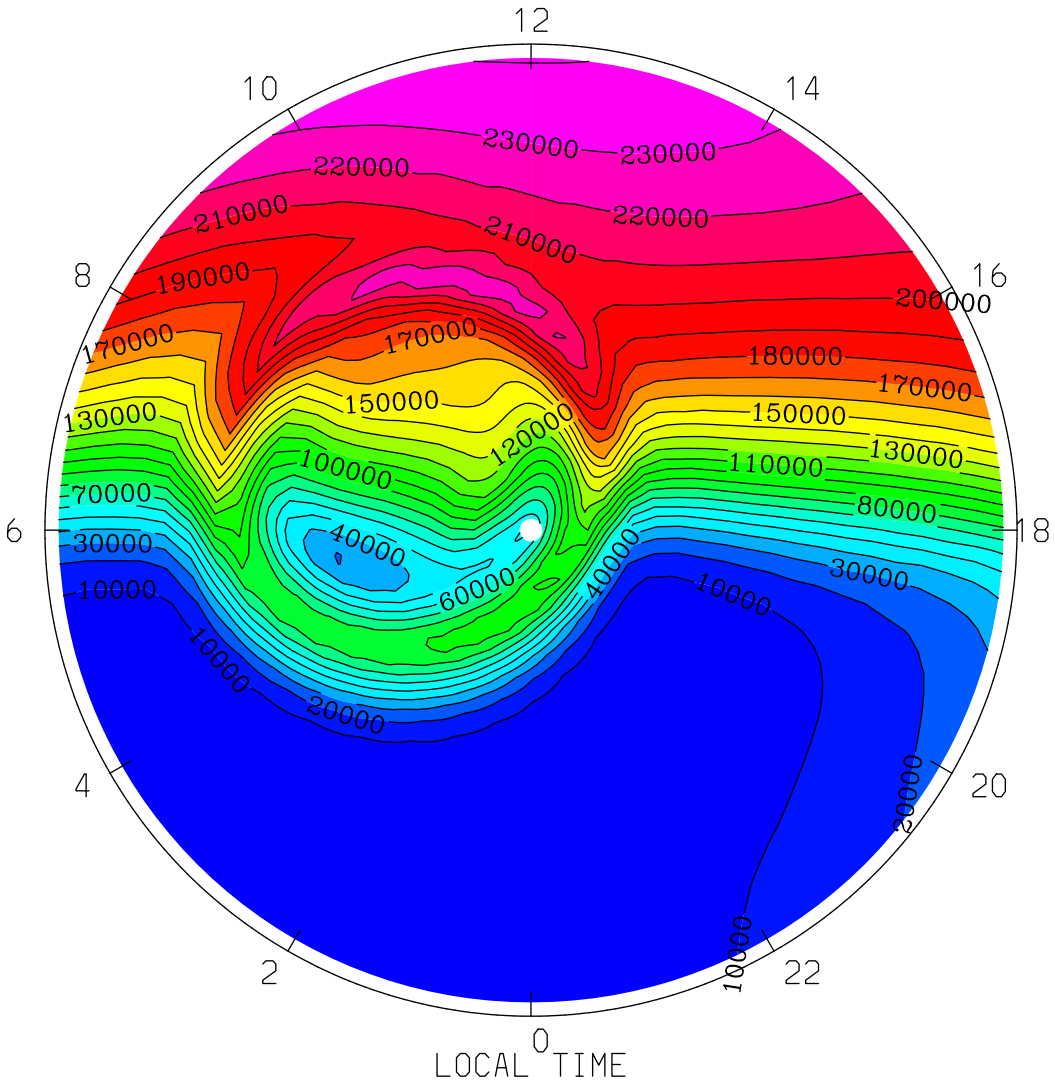

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
19000
17000
16000
15000
14000
13000
12000
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
MIN,MAX= 1.5798E+03 2.1299E+04 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

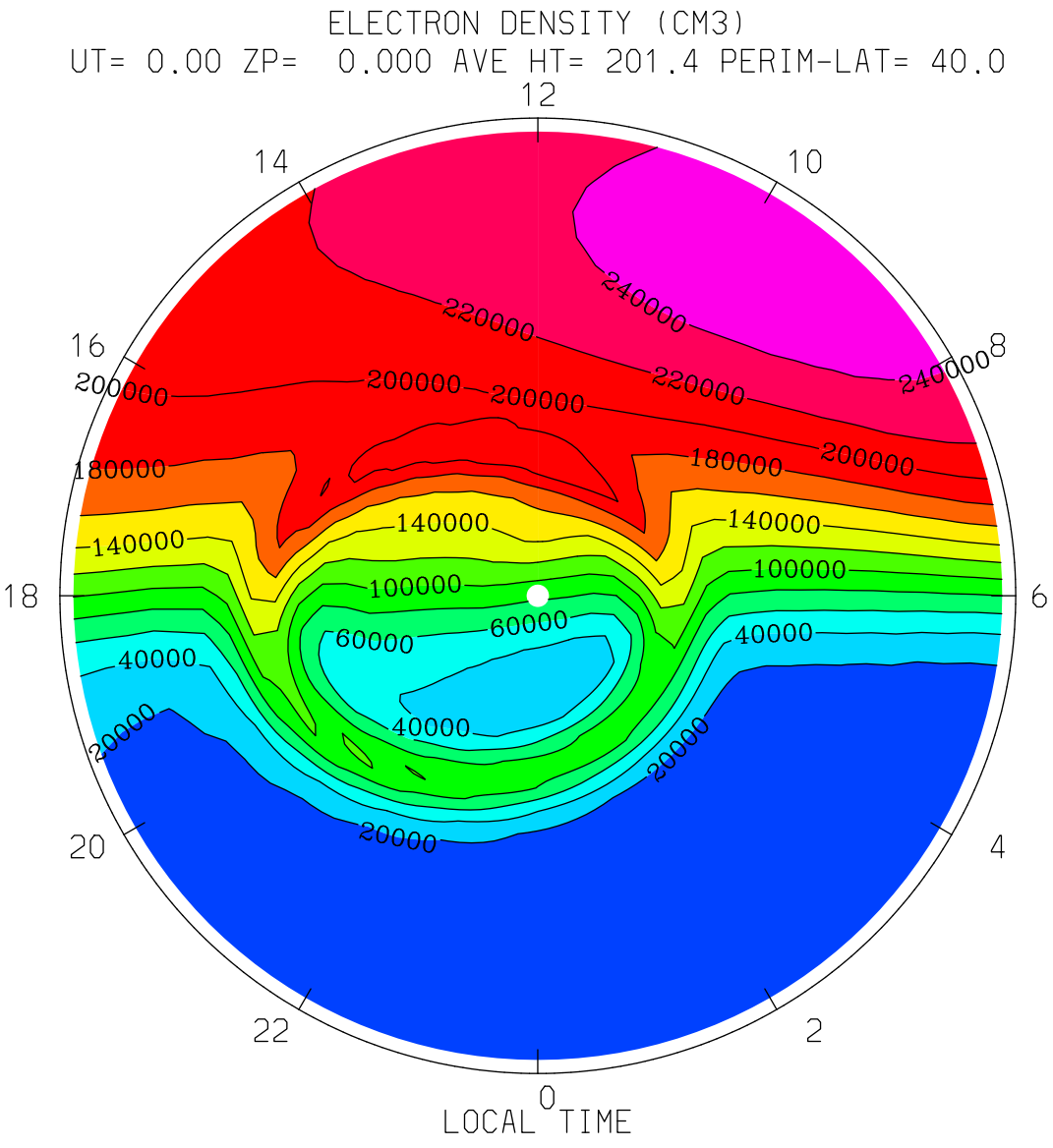

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -4.000 AVE HT= 117.5
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.6652E+03 2.0324E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

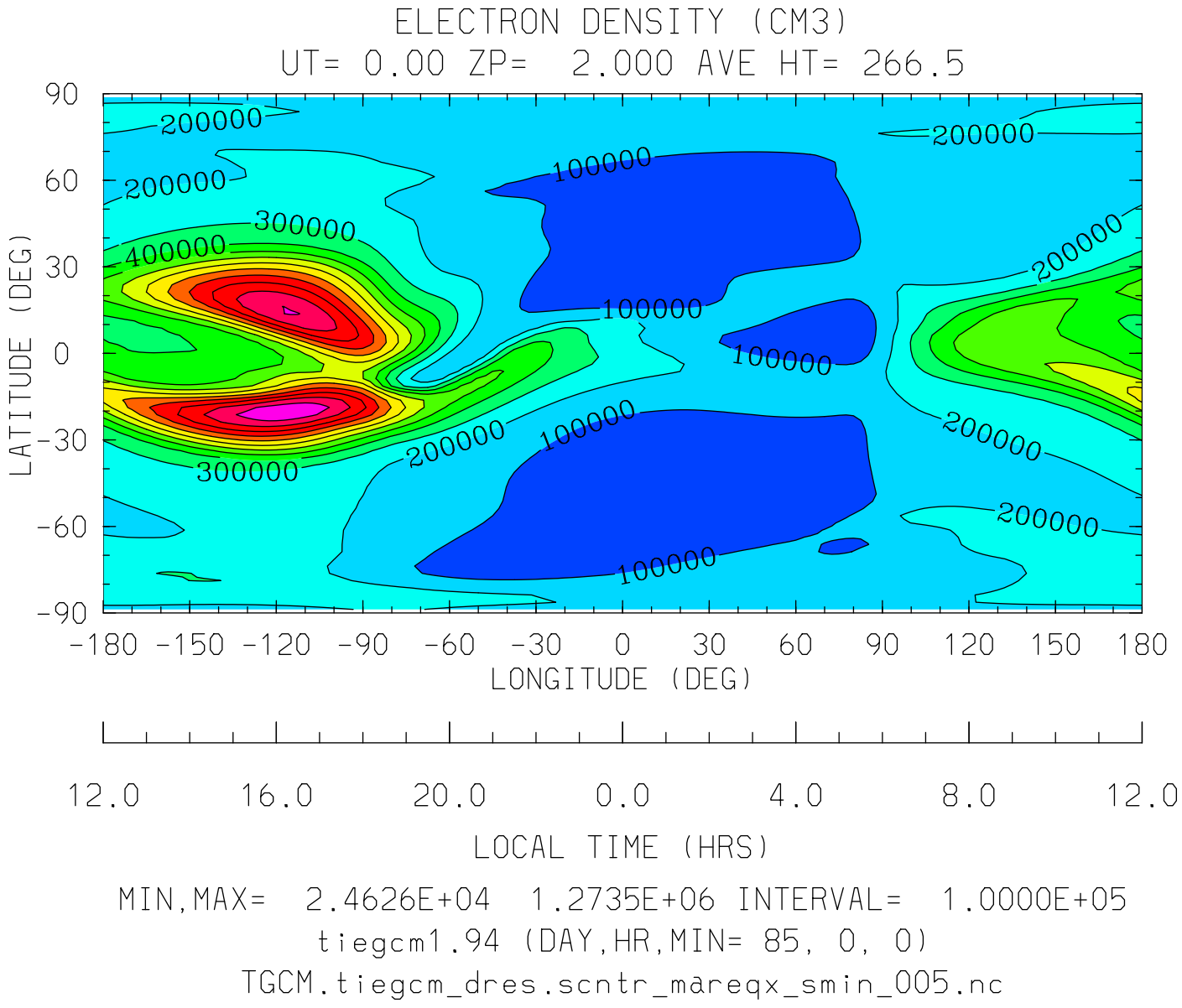

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -4.000 AVE HT= 117.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
70000
60000
50000
40000
30000
20000
10000
130000
150000
LOCAL TIME
MIN,MAX= 1.8026E+03 2.0324E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -4.000 AVE HT= 117.5 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
80000
70000
60000
50000
40000
30000
20000
10000
150000
170000
180000
LOCAL TIME
MIN,MAX= 1.7485E+03 2.0197E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 0.000 AVE HT= 201.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
160000
40000
20000
140000
200000
220000
80000
-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= 6.5086E+02 2.4795E+05 INTERVAL= 2.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
230000
220000
210000
190000
200000
180000
170000
150000
130000
120000
110000
100000
80000
70000
60000
40000
30000
20000
10000
LOCAL TIME
MIN,MAX= 2.6839E+03 2.4050E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

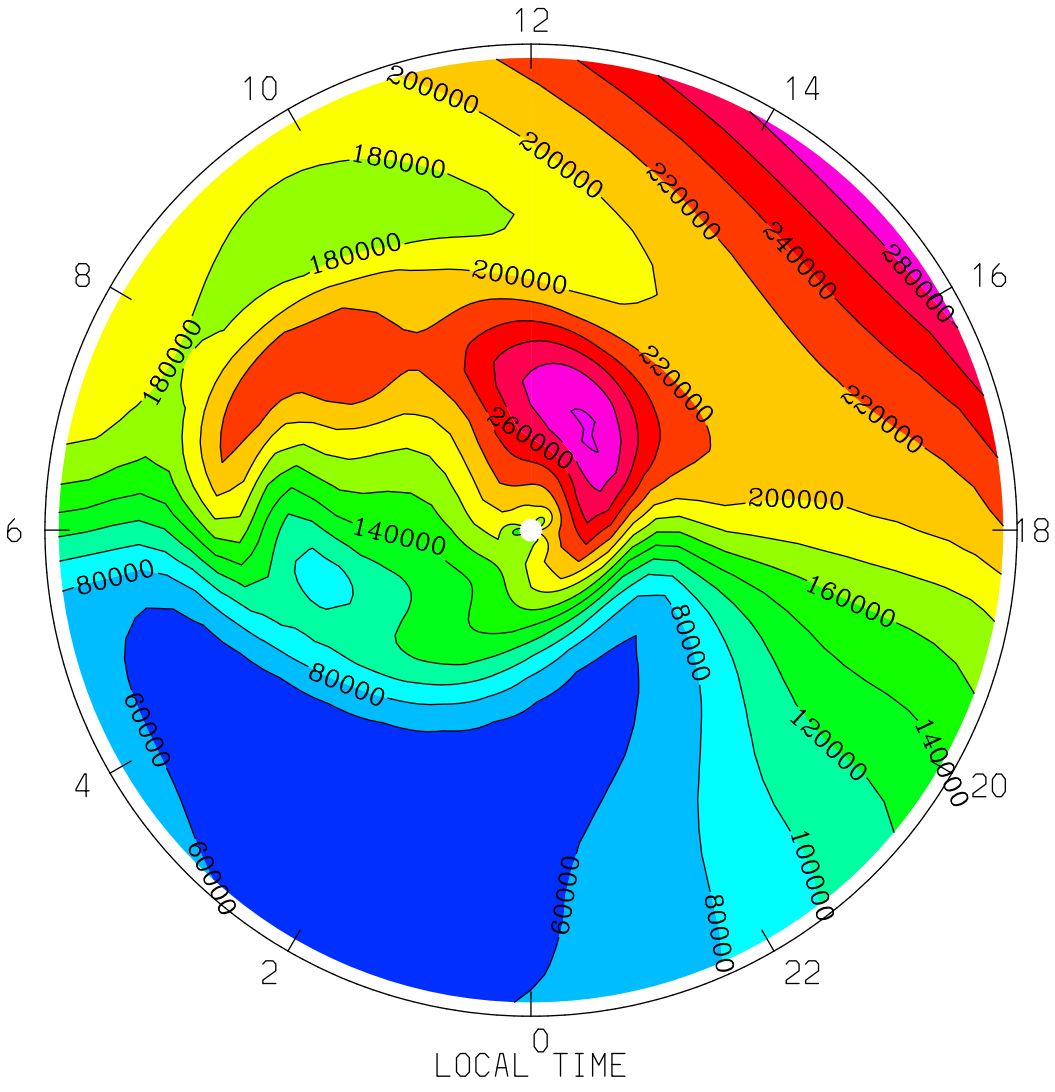

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
240000
220000
200000
180000
140000
100000
60000
40000
20000
MIN,MAX= 1.8896E+03 2.4795E+05 INTERVAL= 2.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 2.4626E+04 1.2735E+06 INTERVAL= 1.0000E+05

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

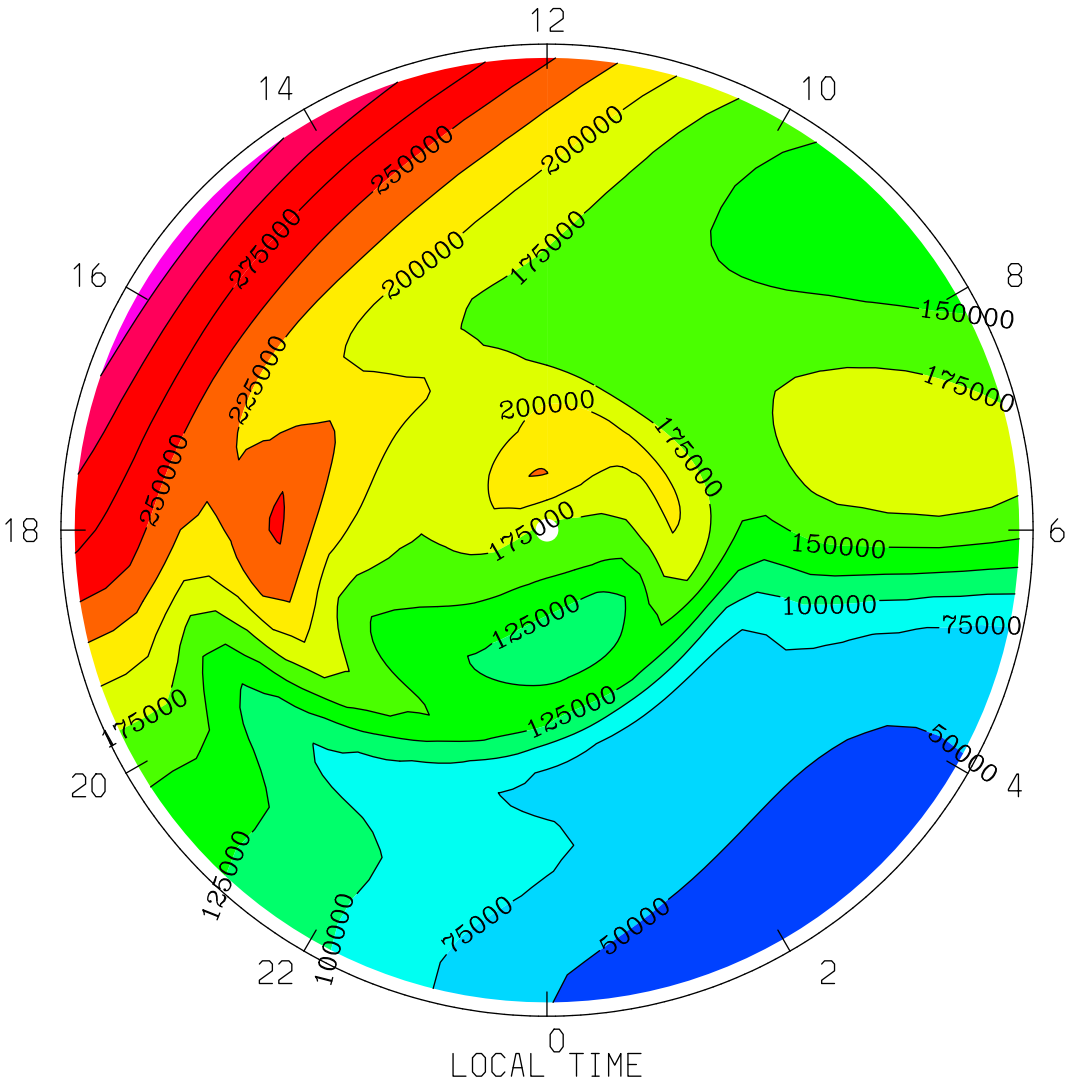
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 4.5186E+04 3.0184E+05 INTERVAL= 2.0000E+04

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

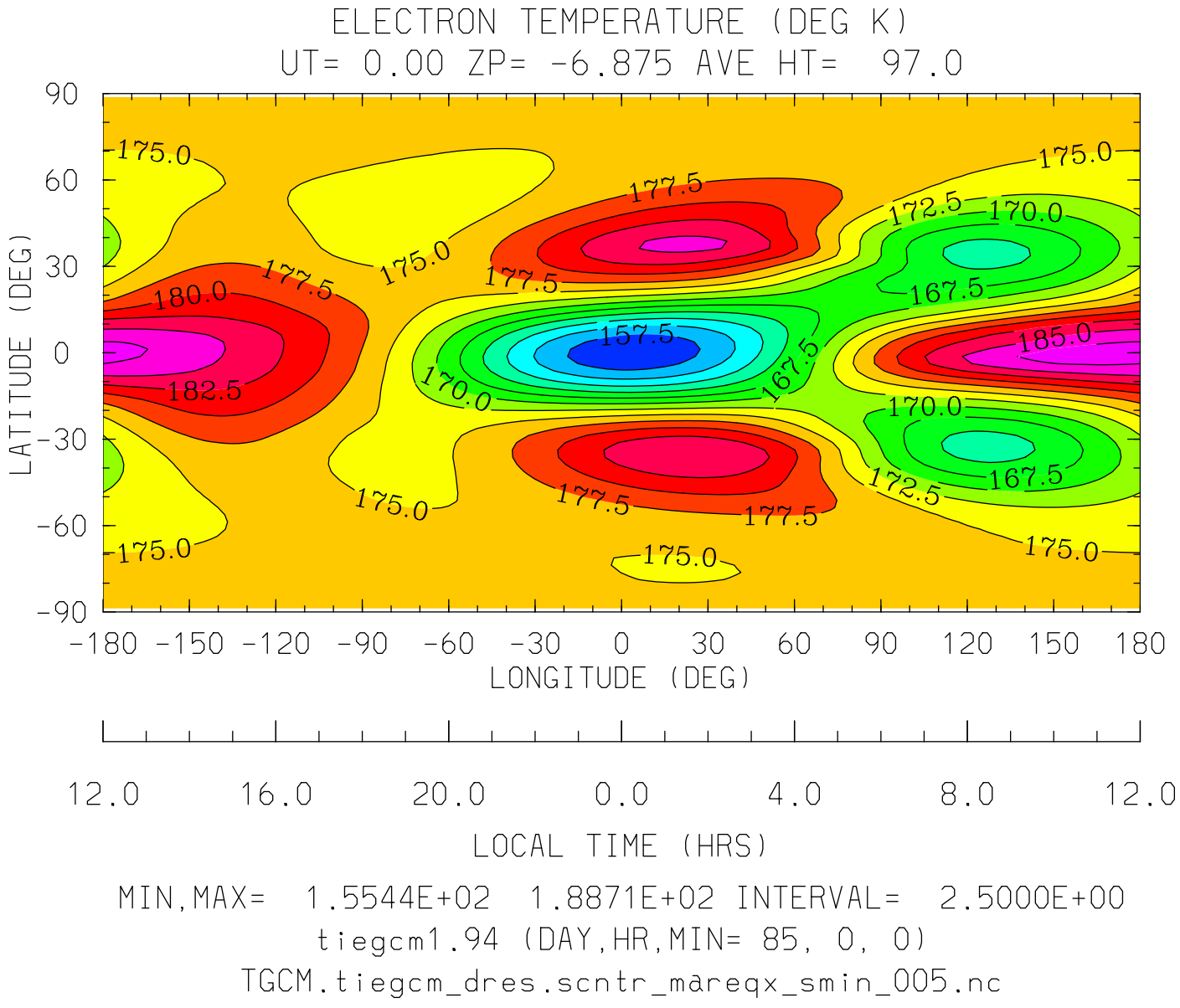
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 3.4519E+04 3.3862E+05 INTERVAL= 2.5000E+04

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

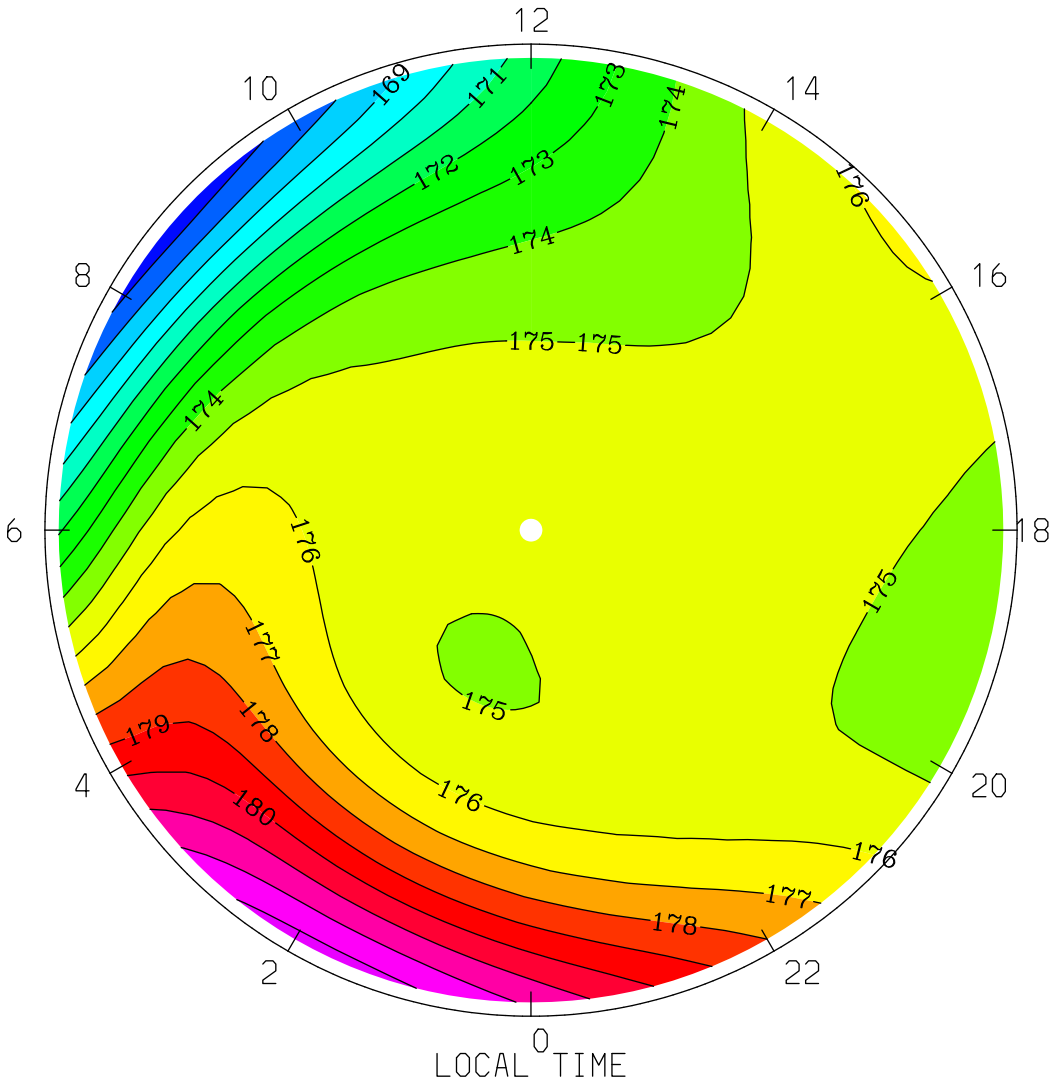
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

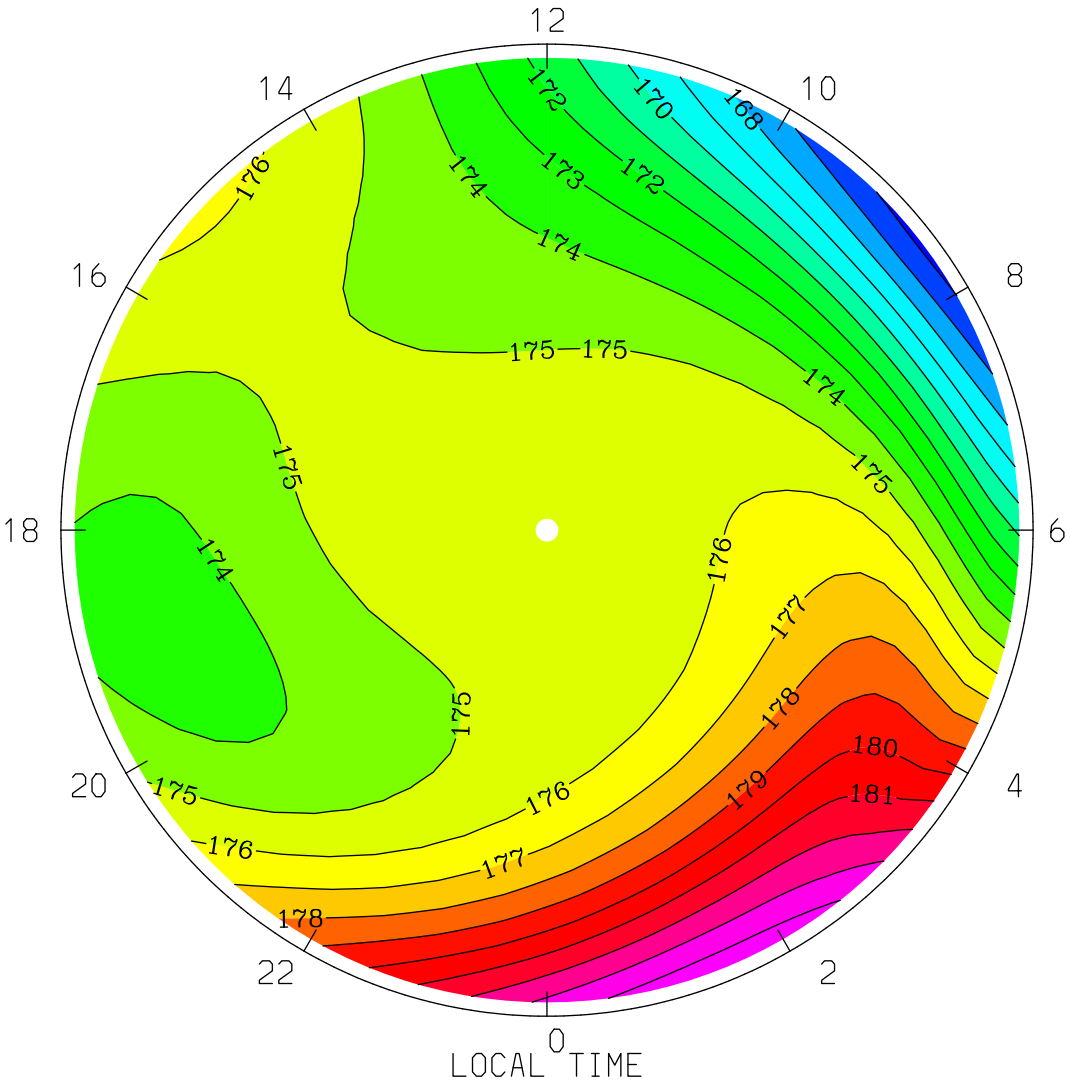


MIN,MAX= 1.5544E+02 1.8871E+02 INTERVAL= 2.5000E+00

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

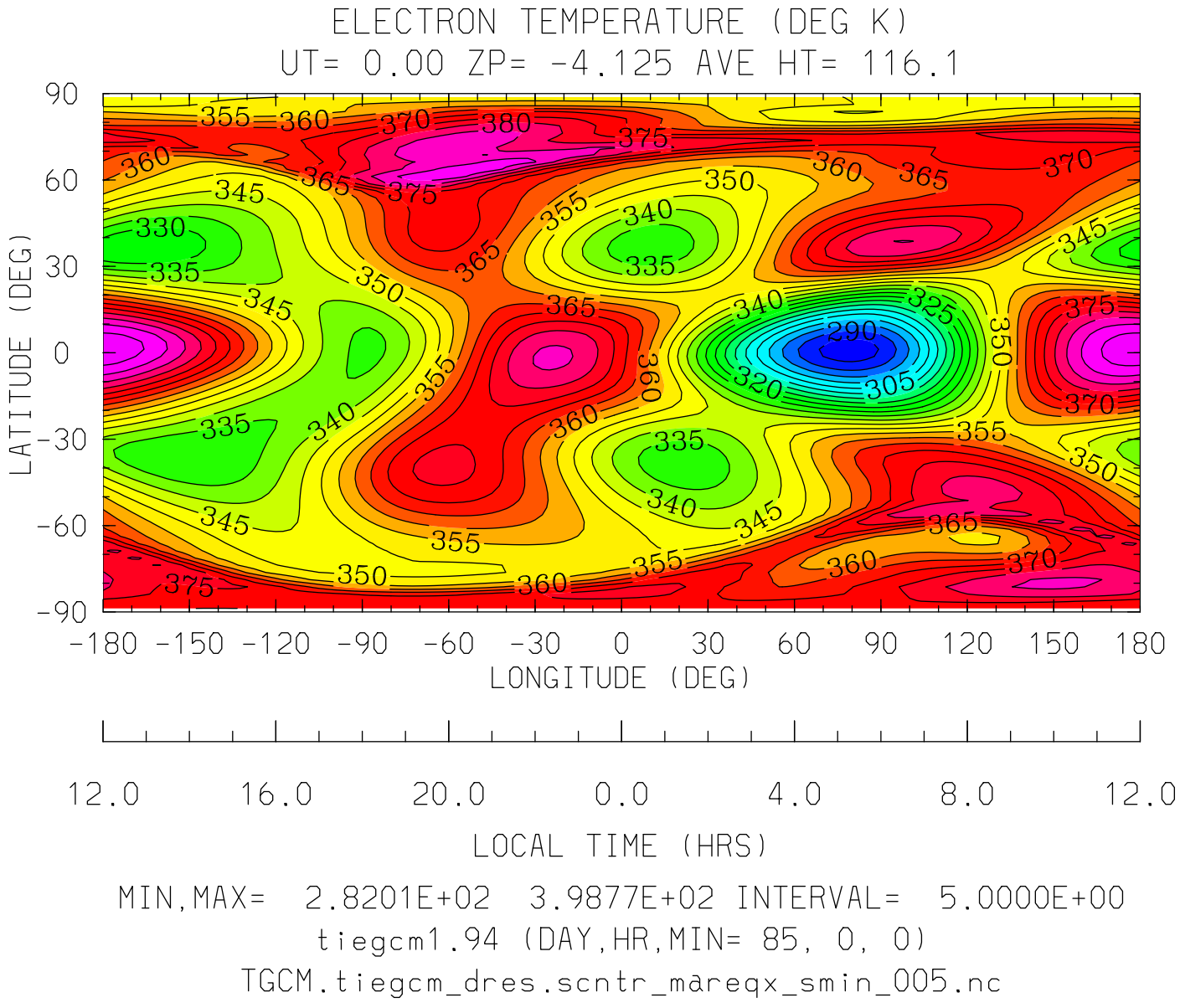

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
169
171
173
174
172
173
174
176
175
175
174
176
177
179
178
180
176
175
176
177
178
LOCAL TIME
MIN,MAX= 1.6635E+02 1.8339E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

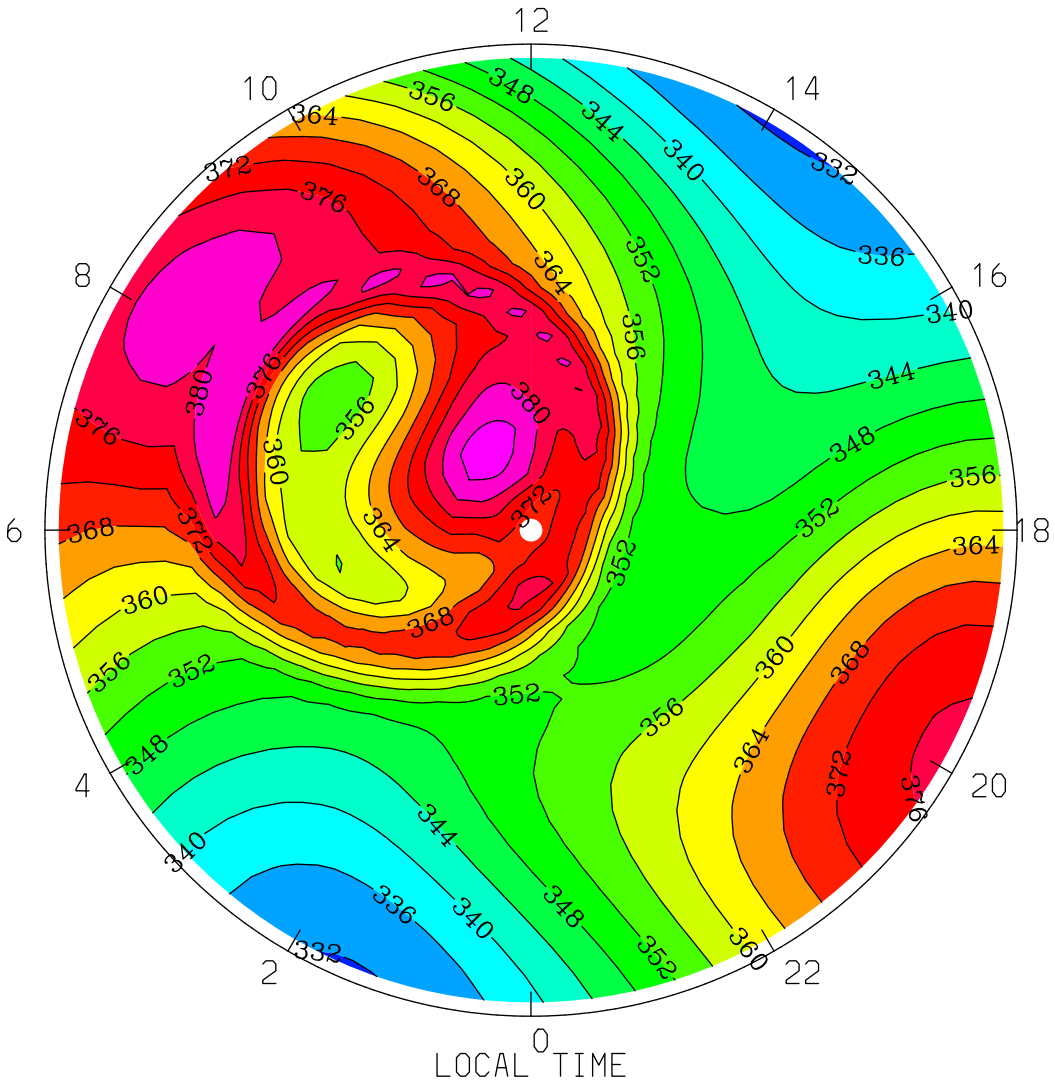


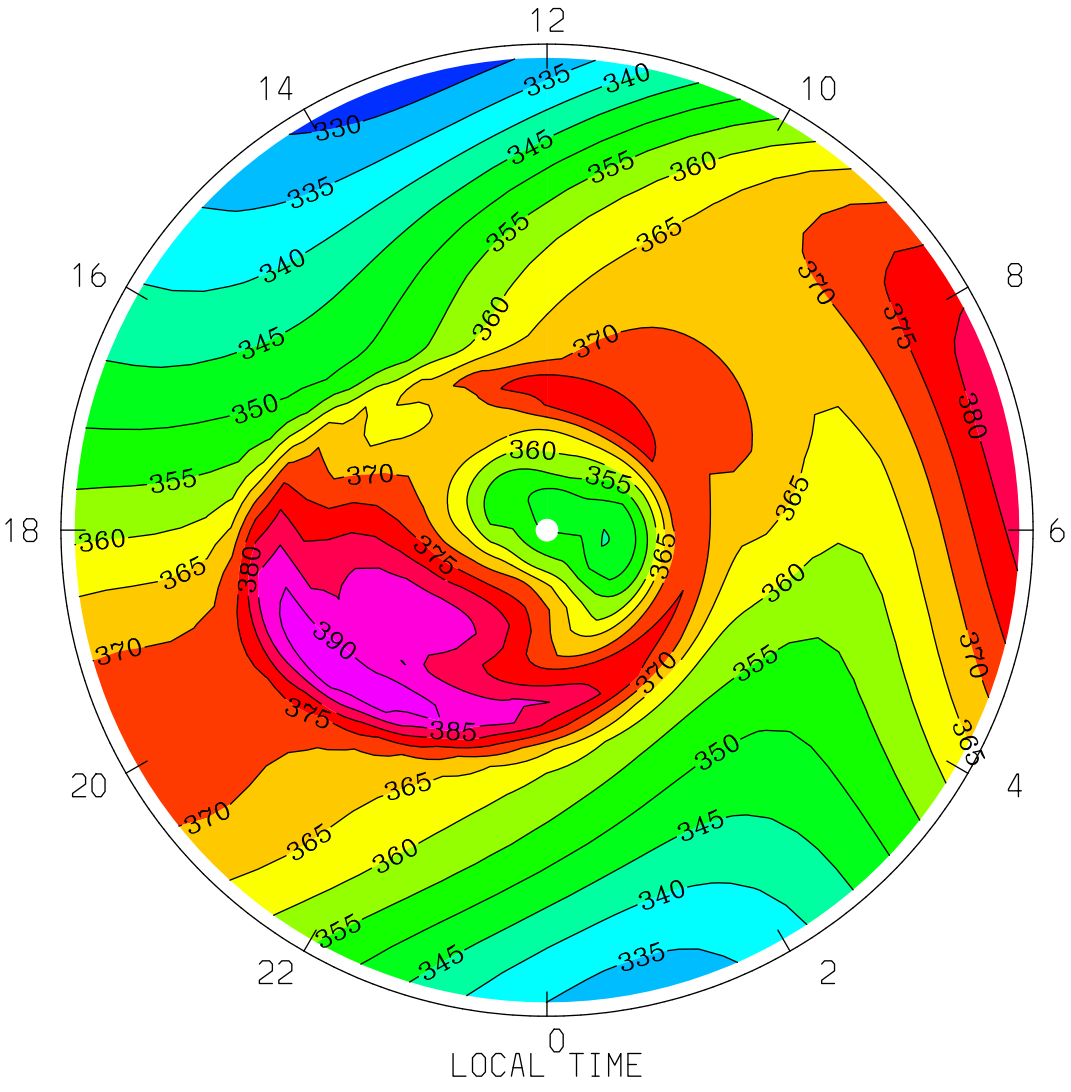
MIN,MAX= 1.6576E+02 1.8473E+02 INTERVAL= 1.0000E+00

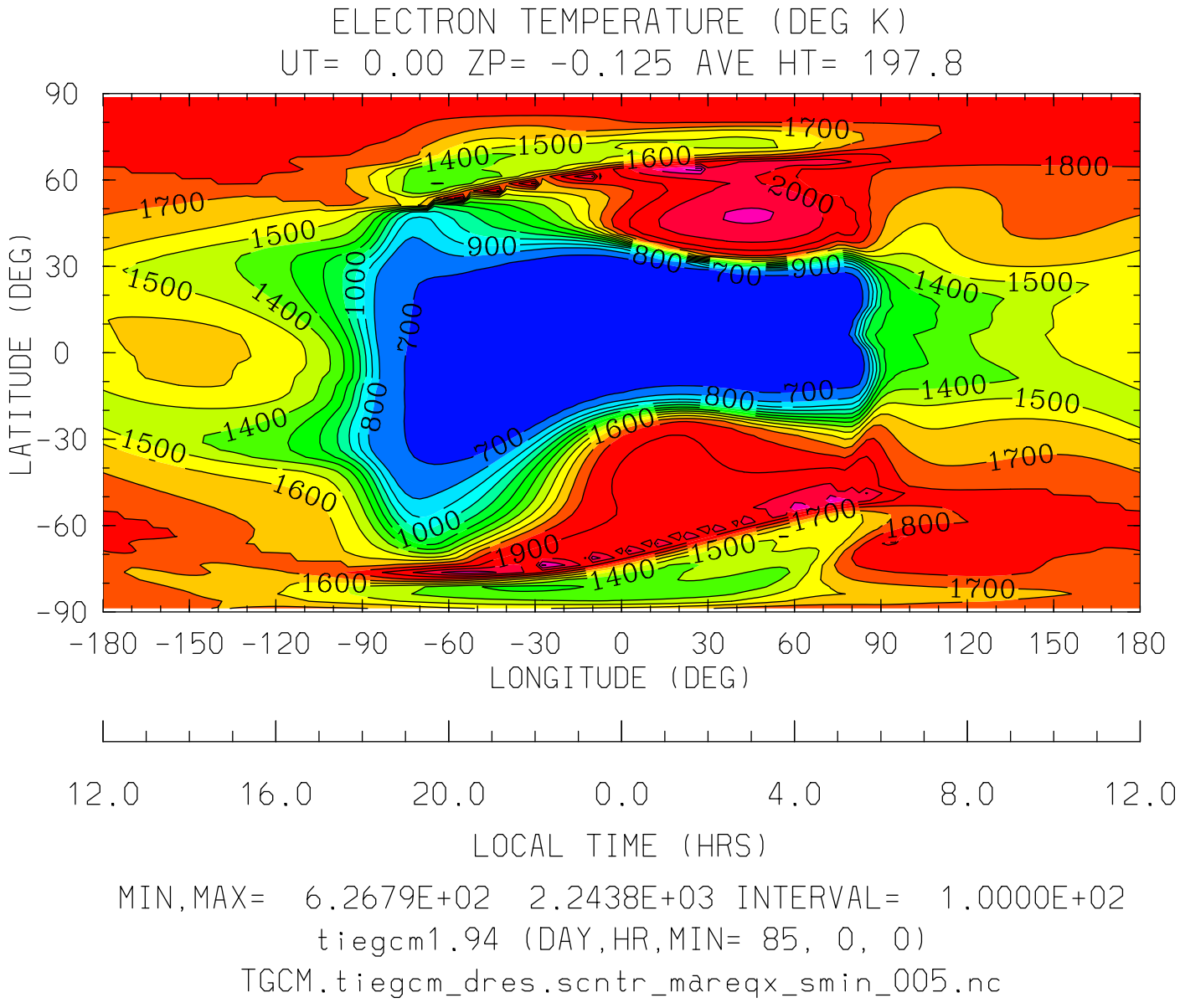
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

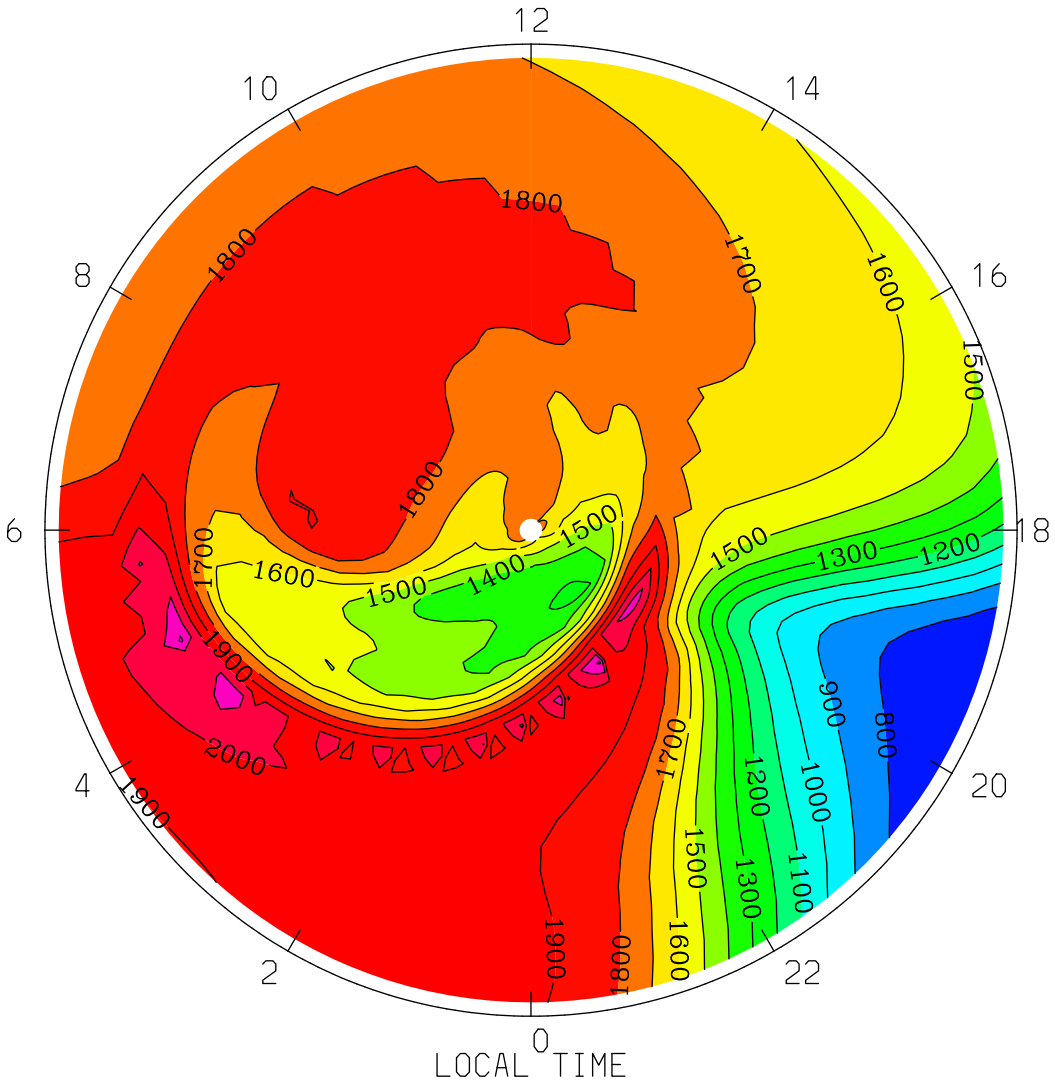
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

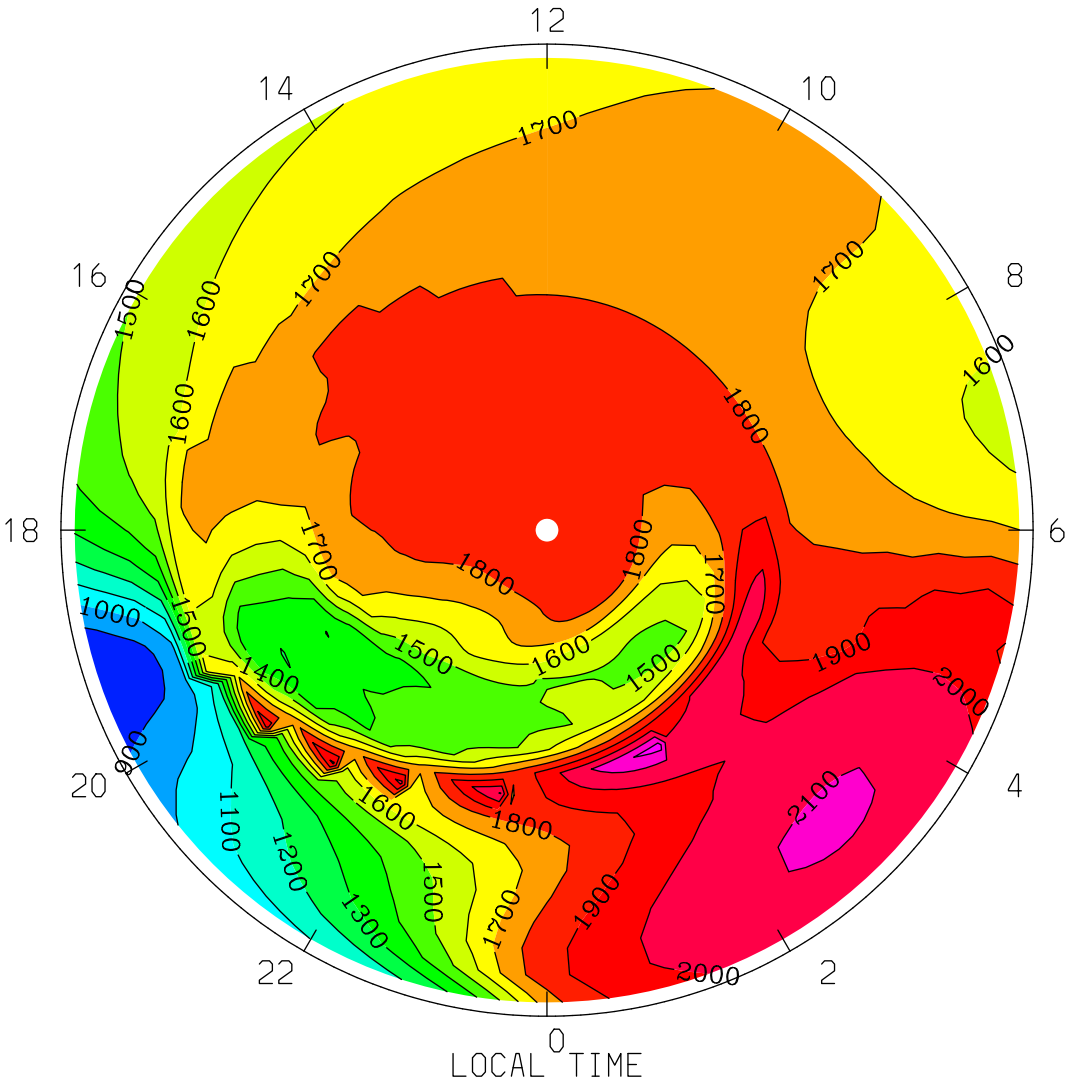

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 116.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.8201E+02 3.9877E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 116.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 3.3150E+02 3.8610E+02 INTERVAL= 4.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 116.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 3.2745E+02 3.9440E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 197.8
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= 6.2679E+02 2.2438E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

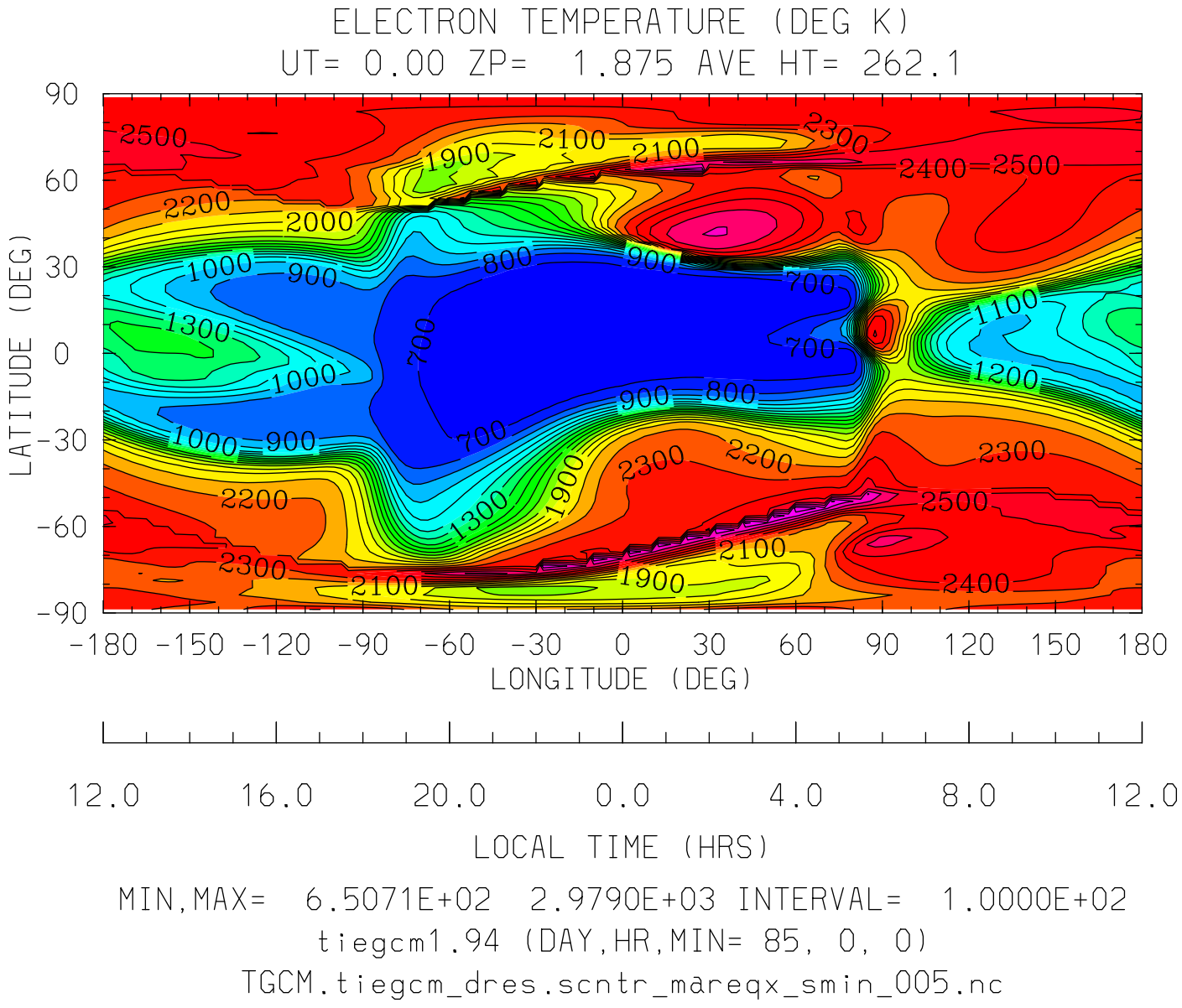

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 197.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 7.1150E+02 2.2172E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

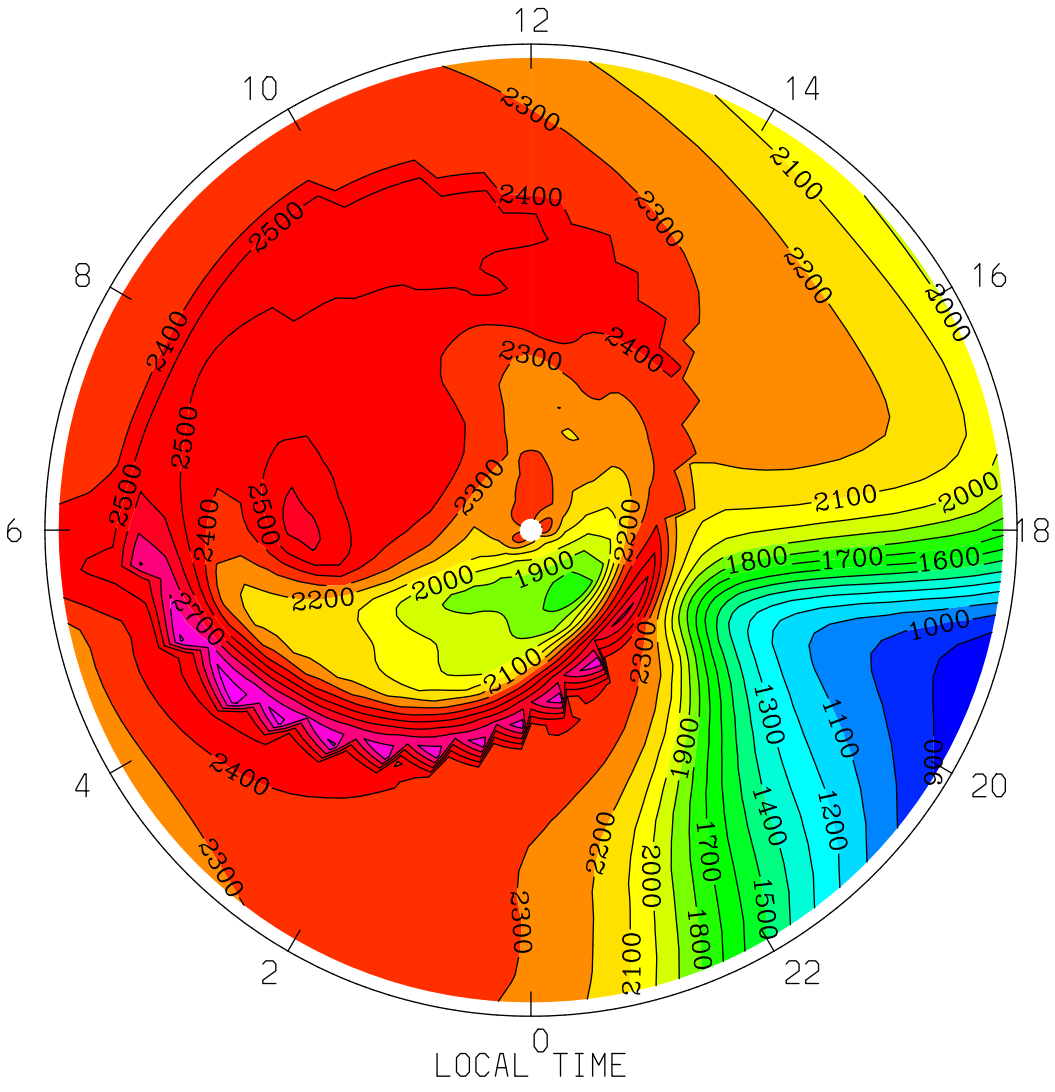


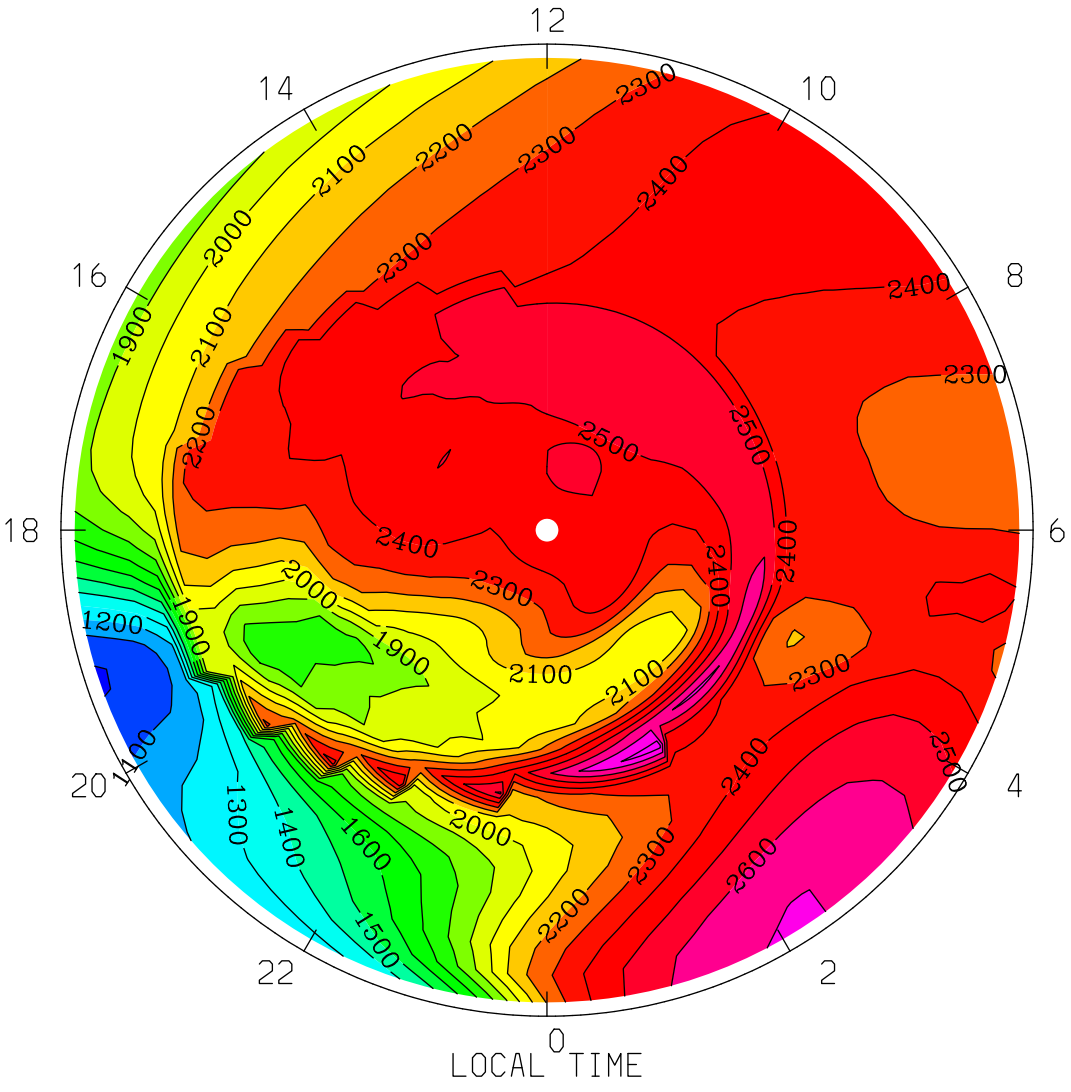
MIN,MAX= 8.1065E+02 2.2438E+03 INTERVAL= 1.0000E+02

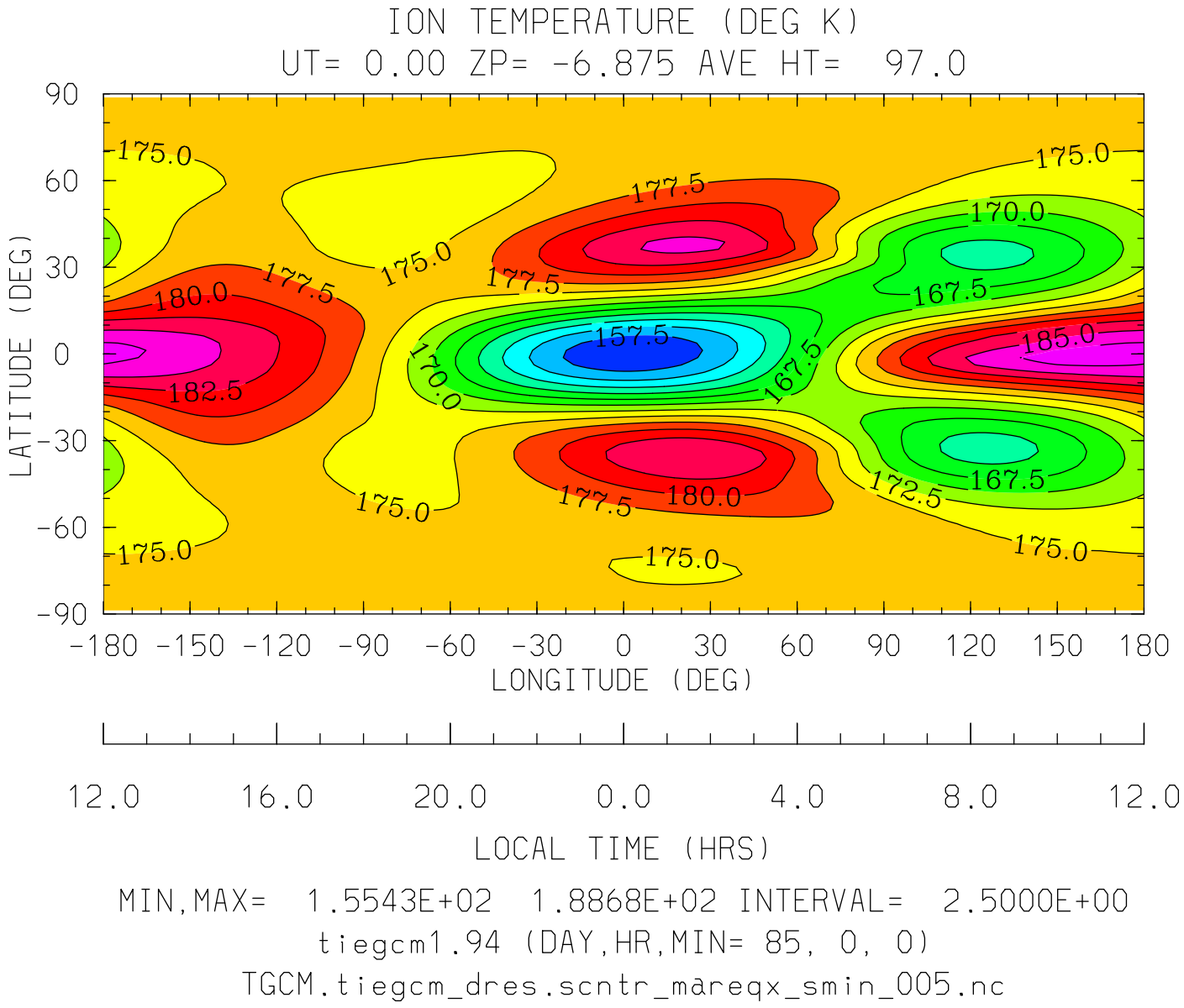
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 262.1
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= 6.5071E+02 2.9790E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 262.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 8.2417E+02 2.9790E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

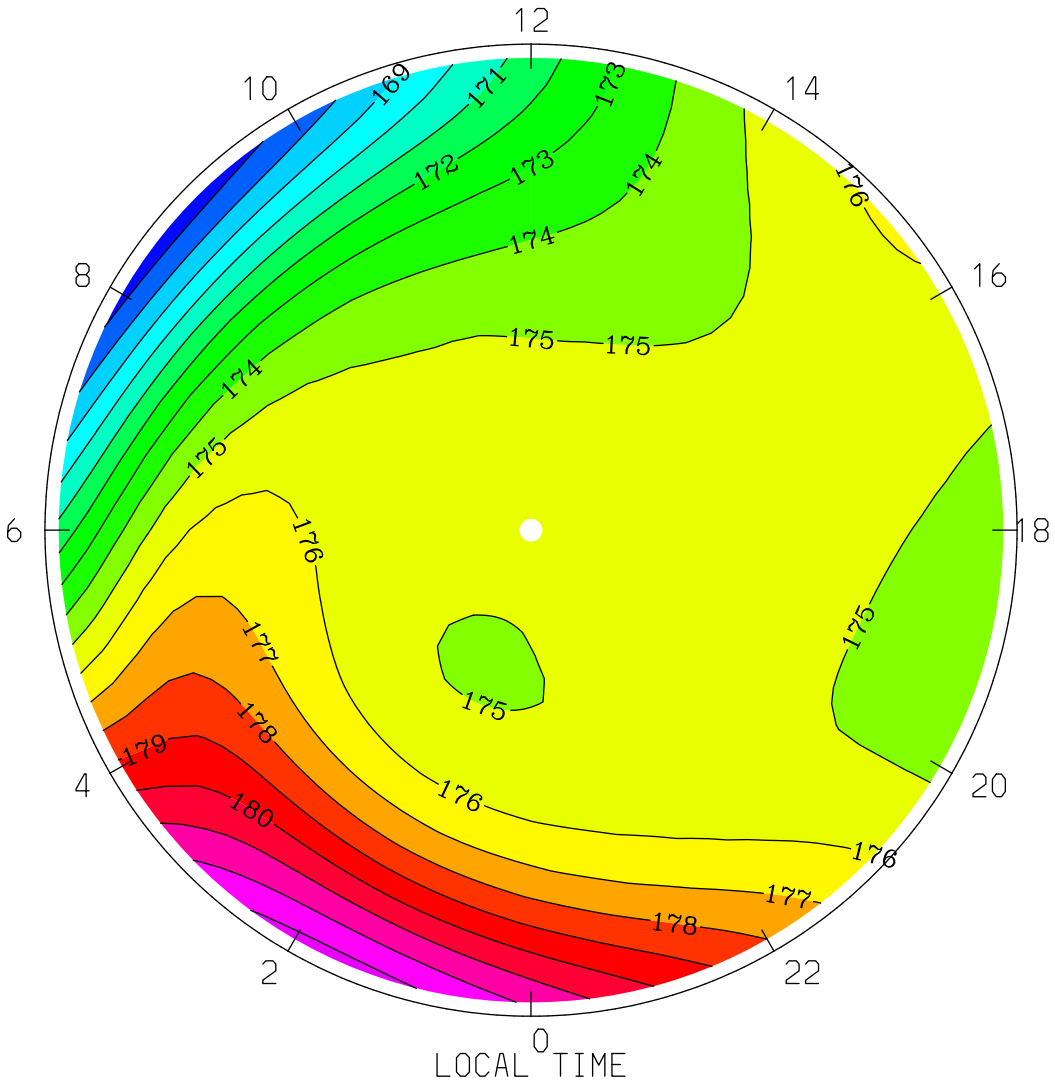

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 262.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 9.8967E+02 2.8445E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 1.5543E+02 1.8868E+02 INTERVAL= 2.5000E+00

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

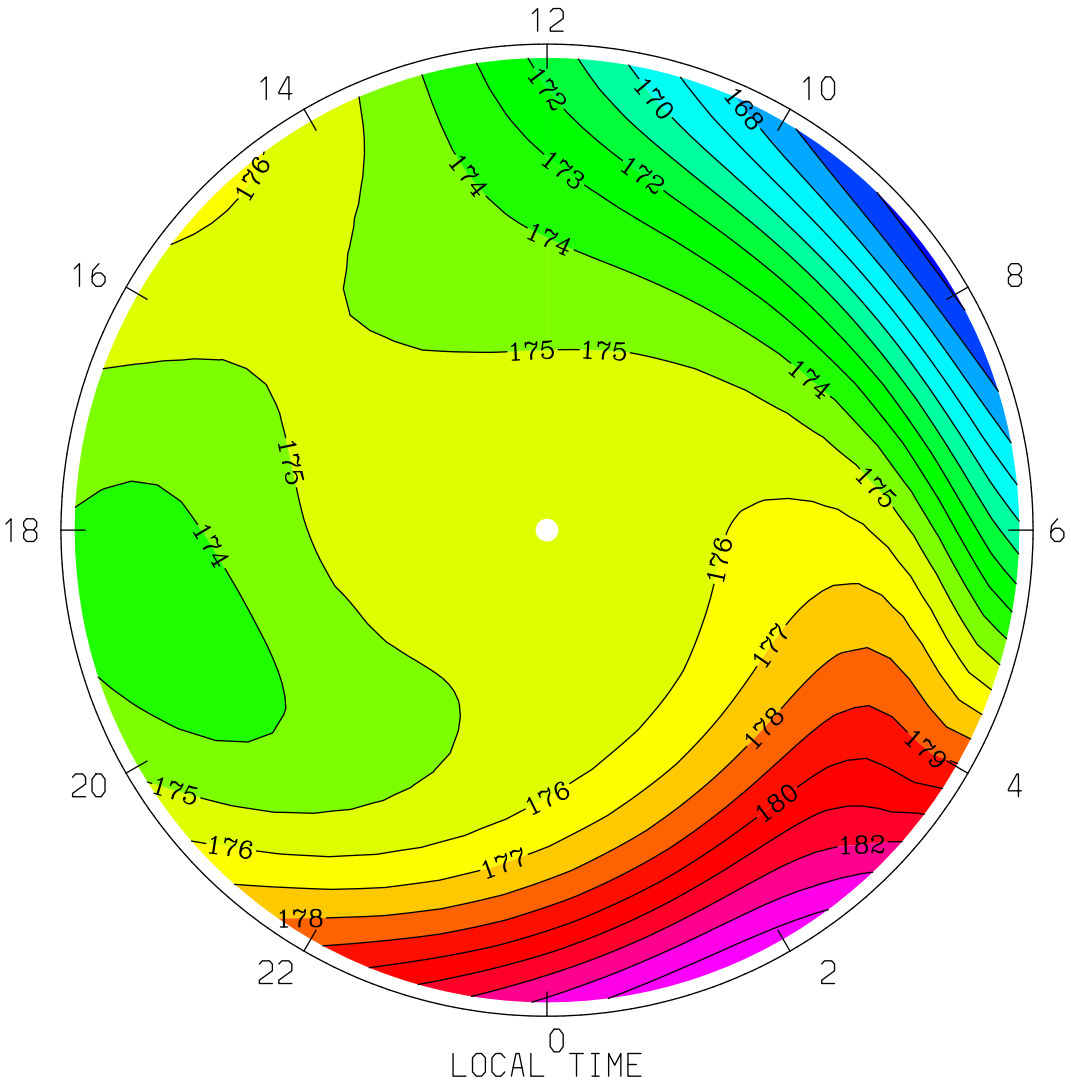
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

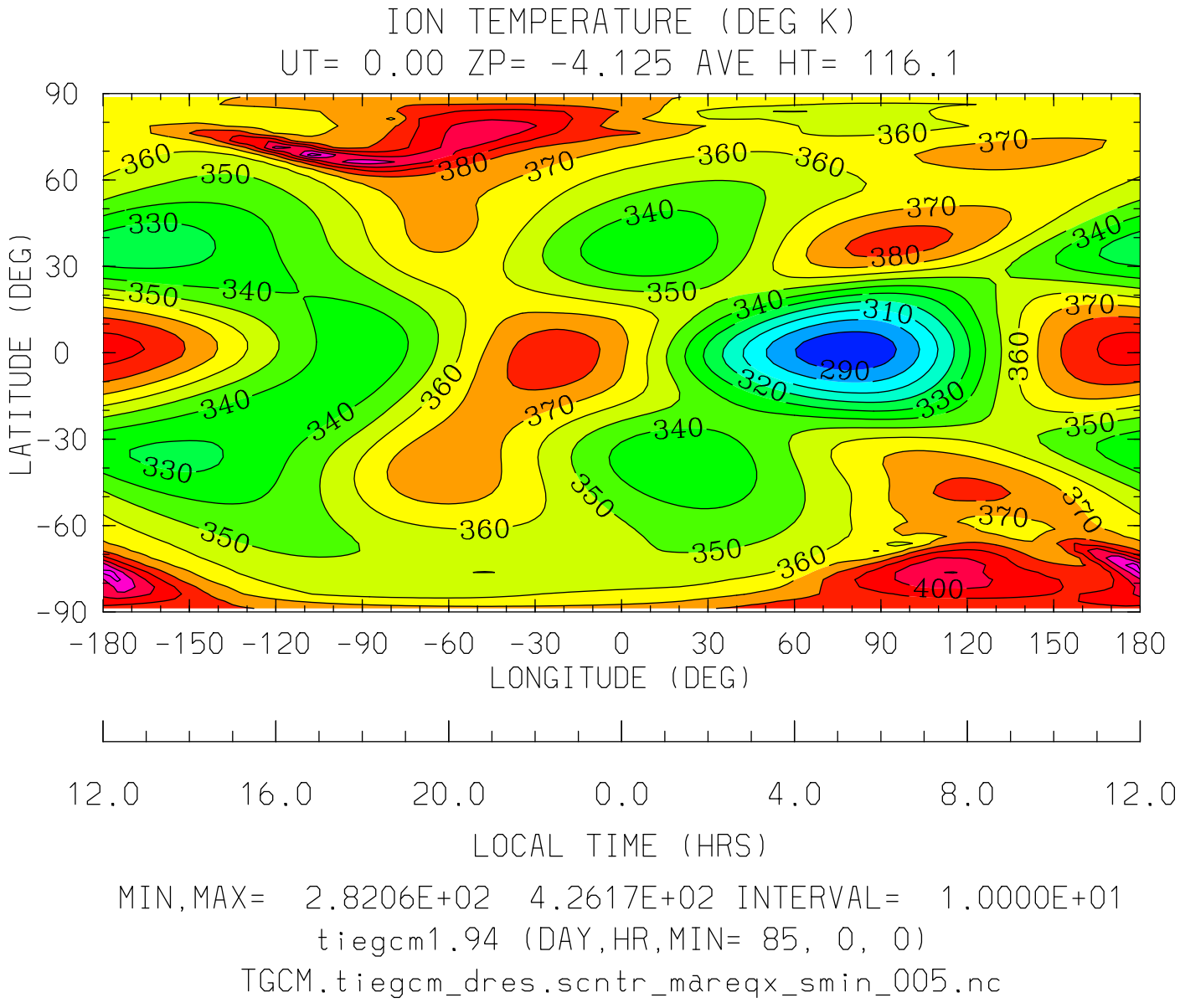


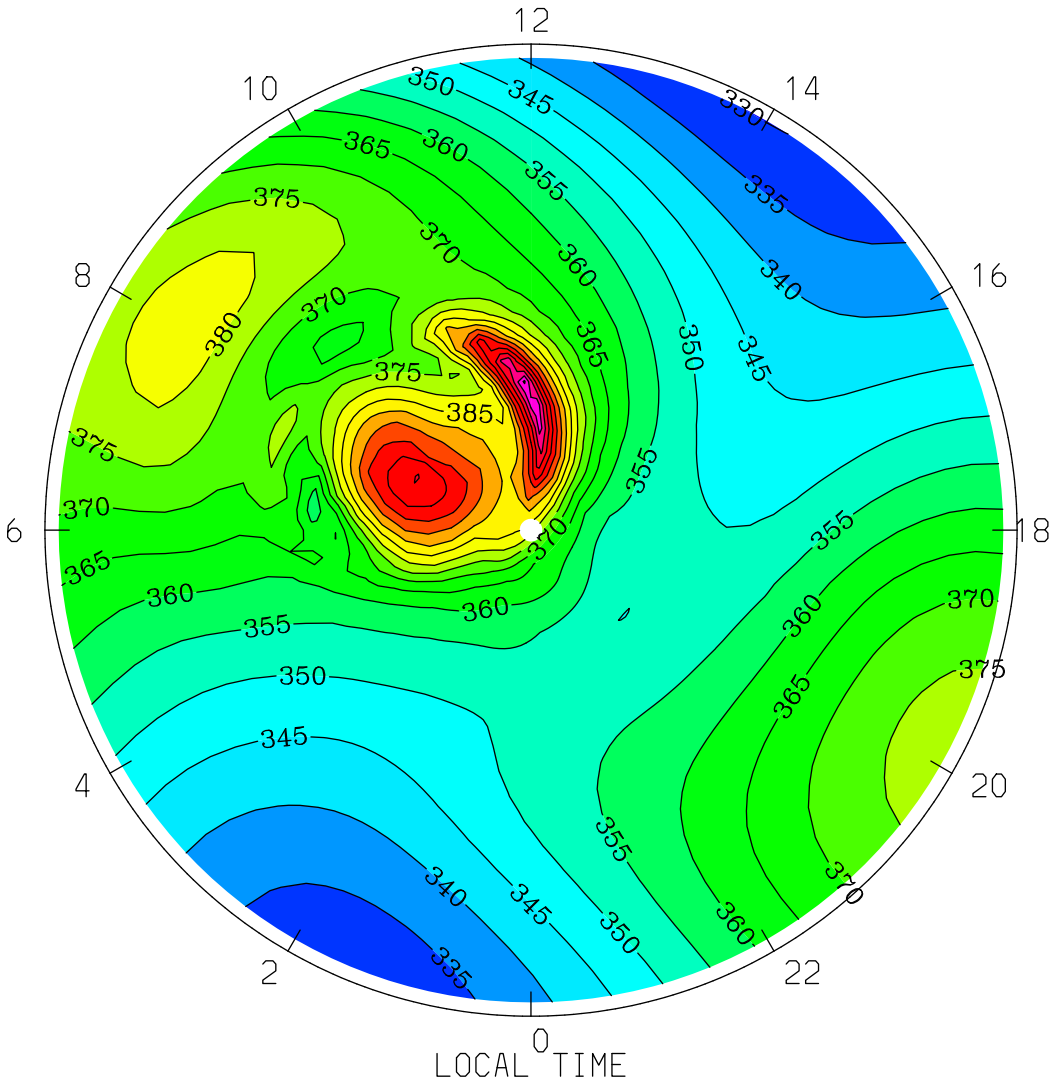
MIN,MAX= 1.6635E+02 1.8337E+02 INTERVAL= 1.0000E+00

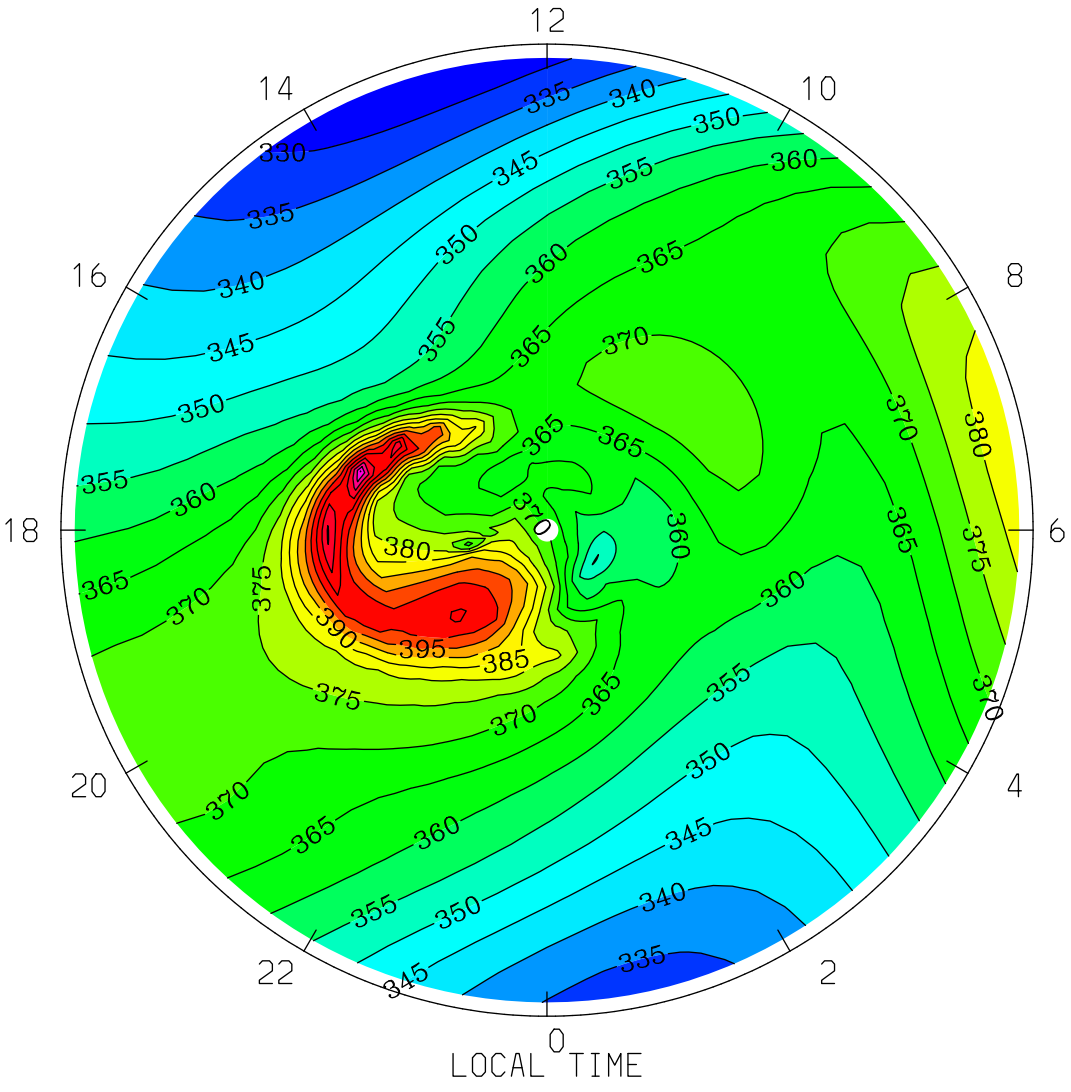
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

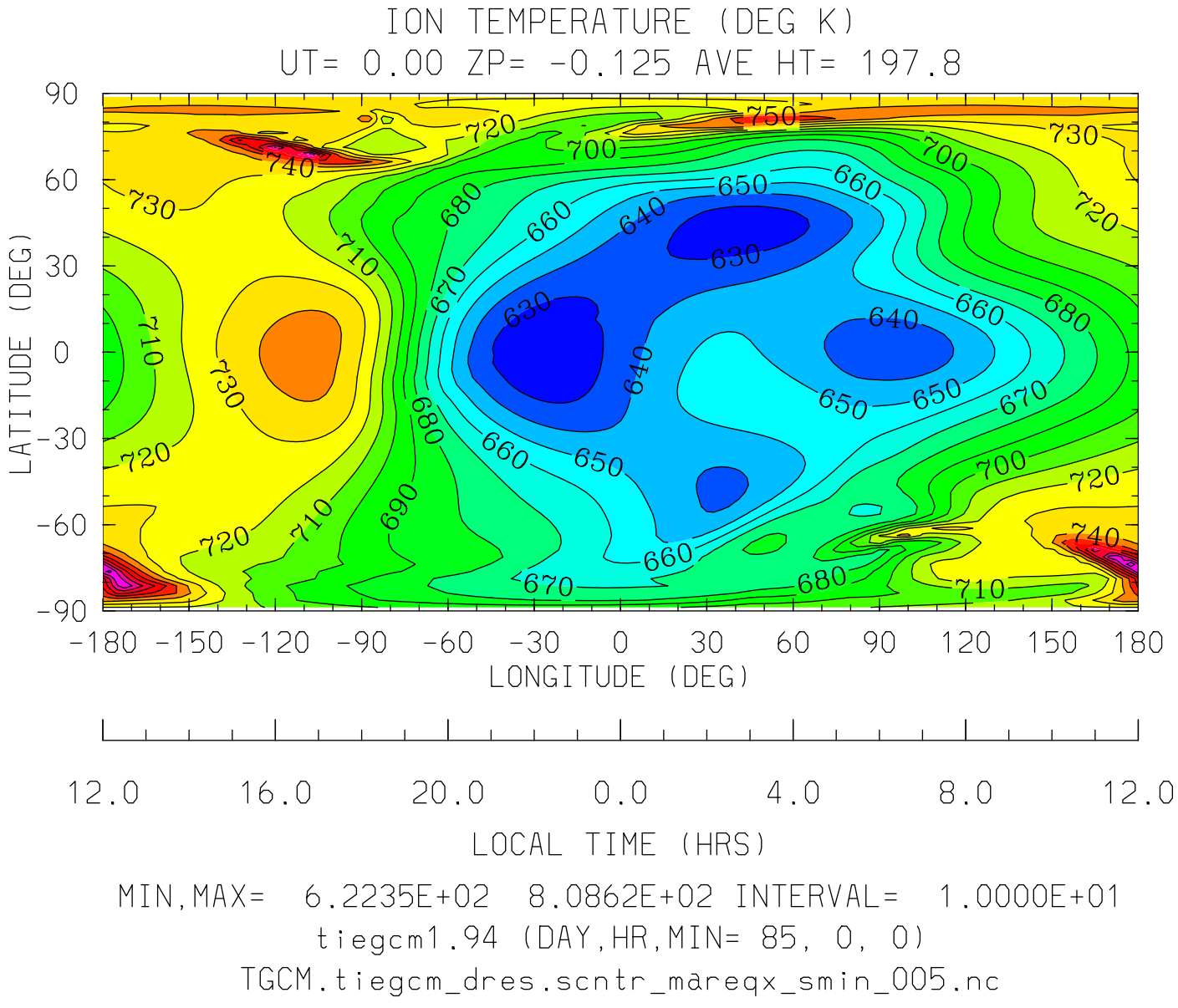
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

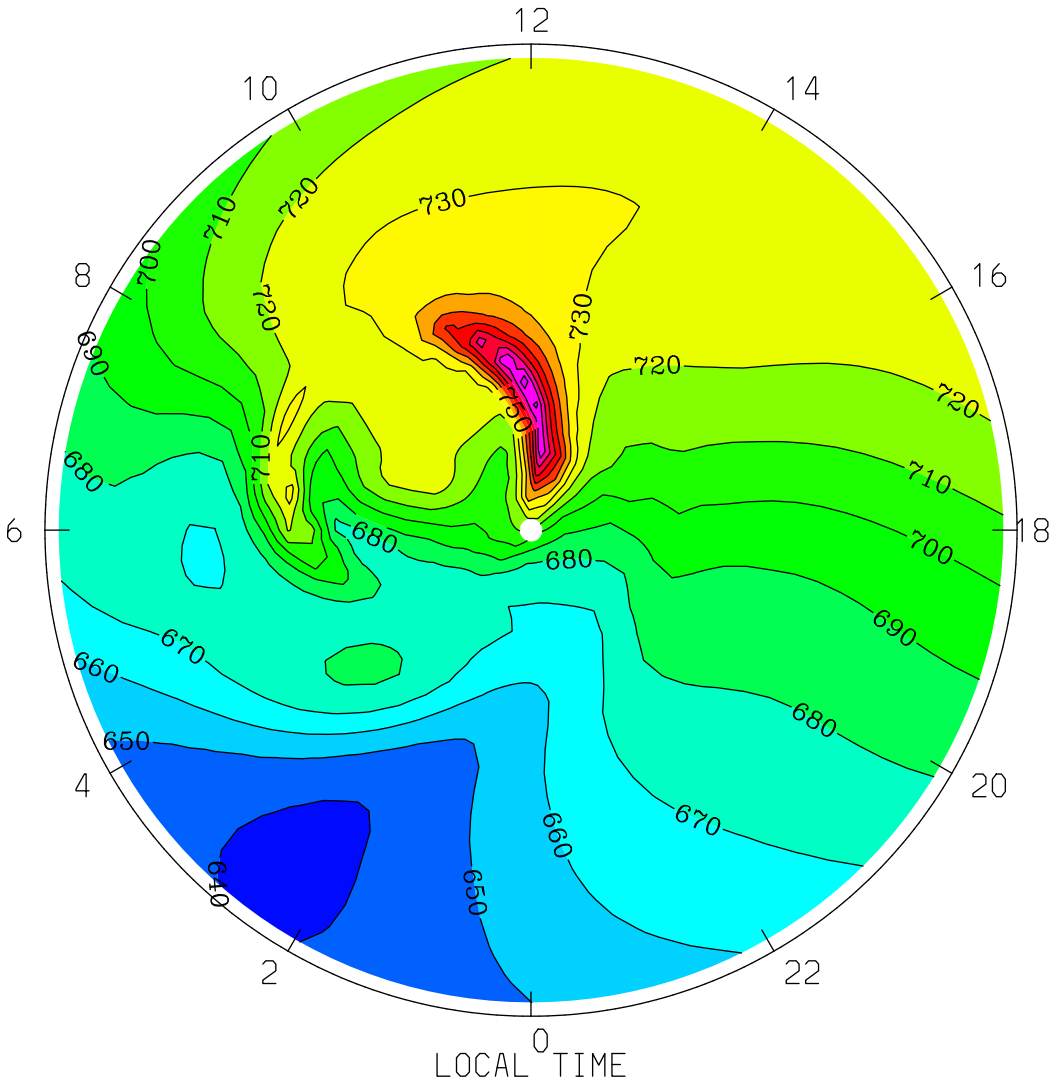

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 1.6576E+02 1.8473E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 116.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.8206E+02 4.2617E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 116.1 PERIM-LAT=-40.0
12
14
16
18
20
22
0
2
4
6
8
10
LOCAL TIME
MIN,MAX= 3.2988E+02 4.2617E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 116.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 3.2513E+02 4.2521E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

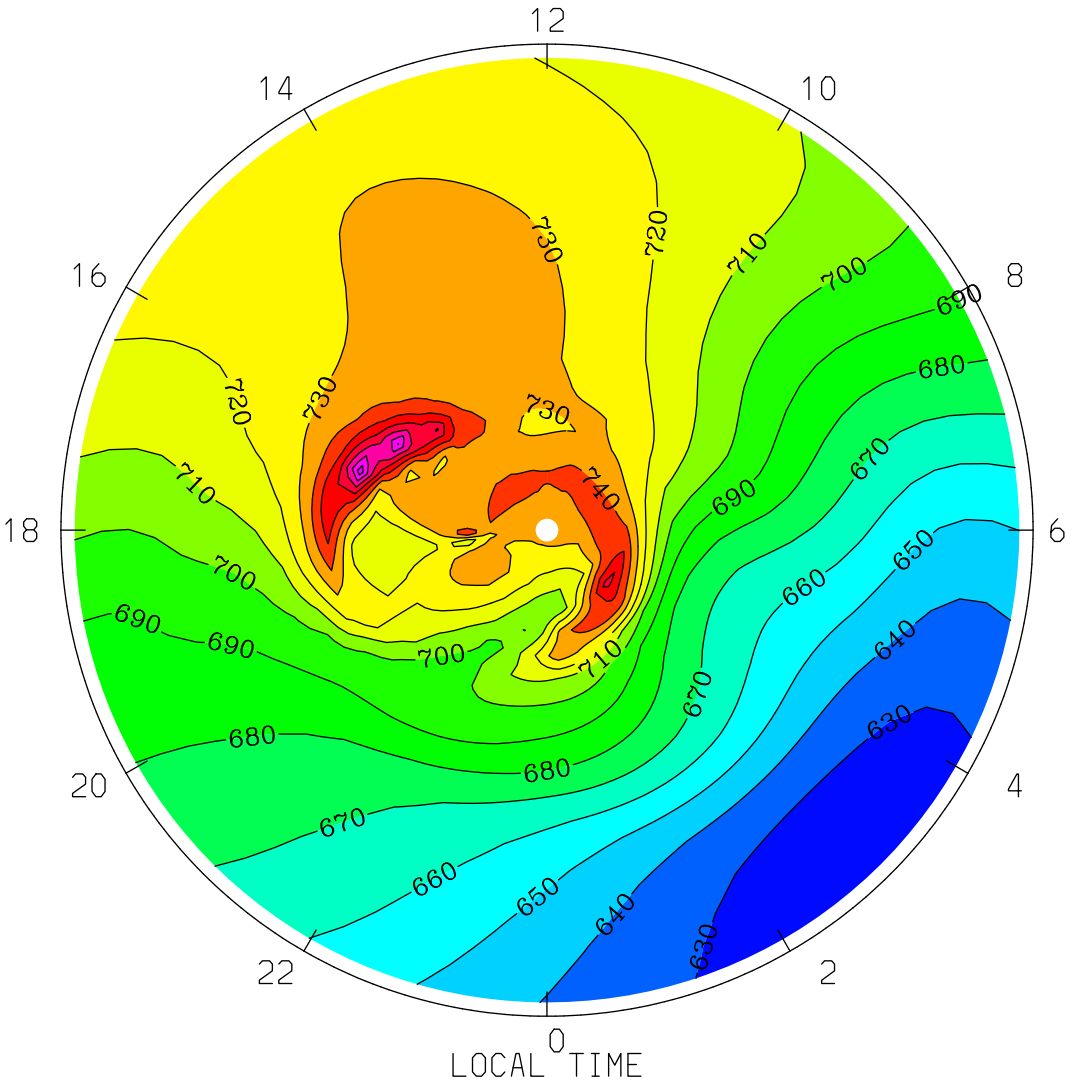

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 197.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 6.2235E+02 8.0862E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 6.3813E+02 8.0862E+02 INTERVAL= 1.0000E+01

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

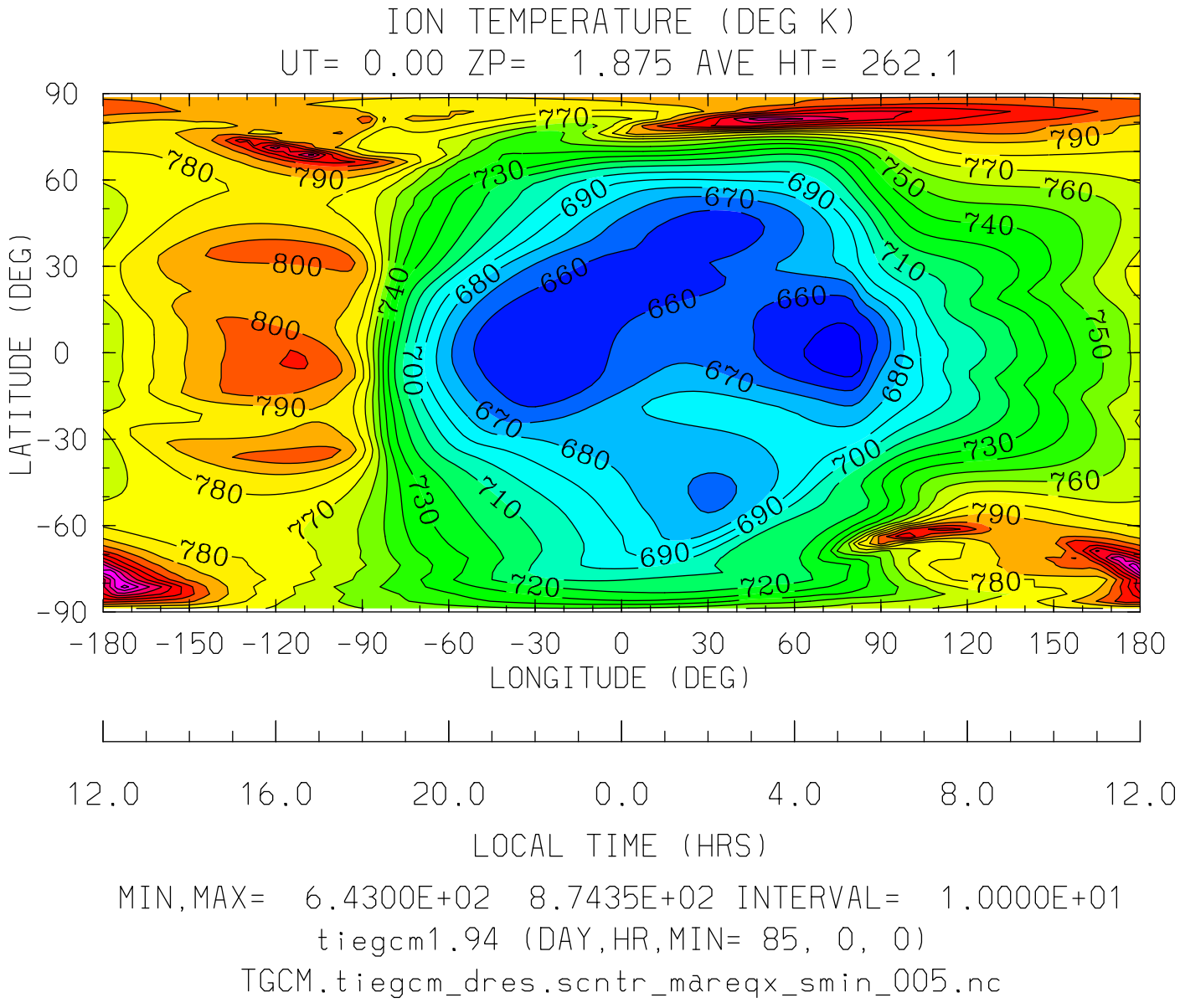
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

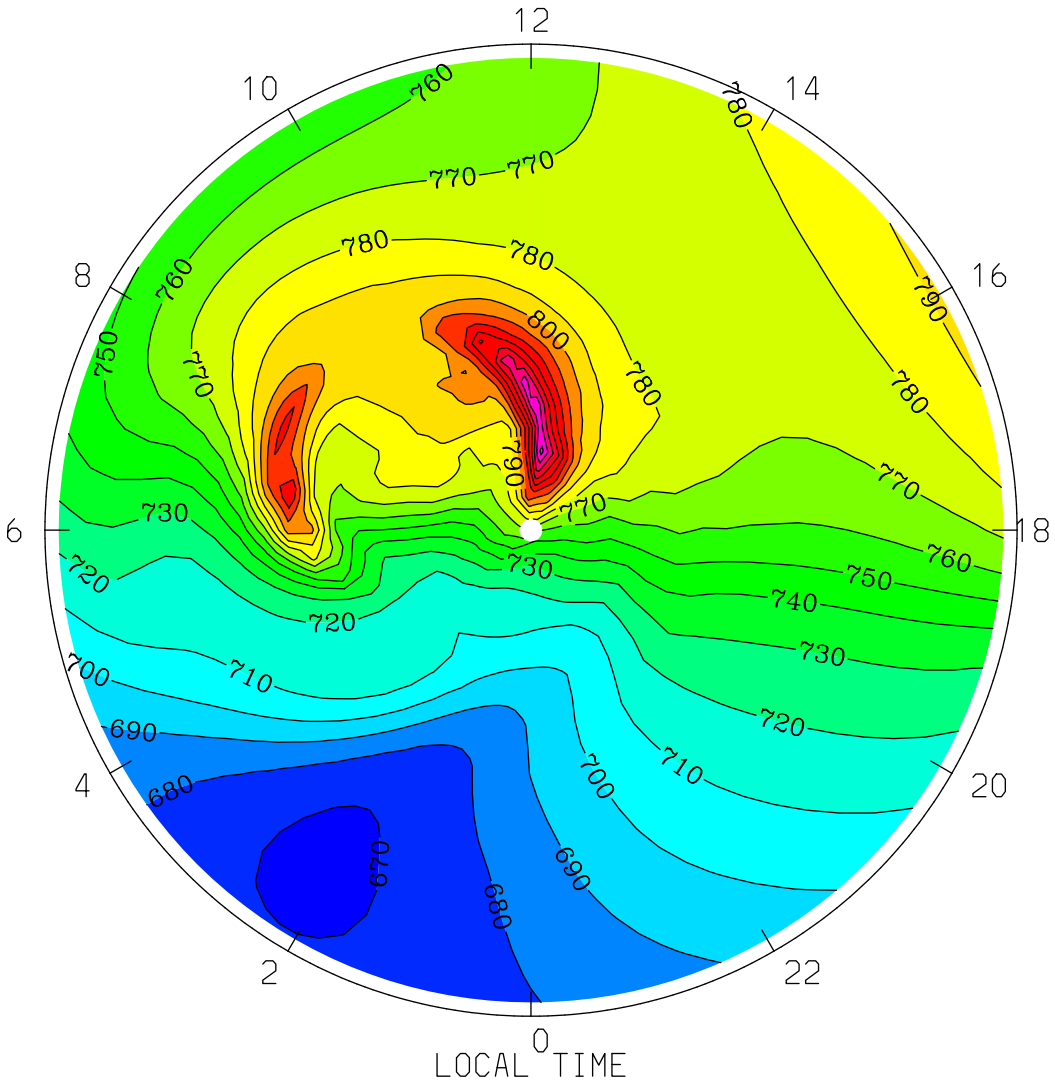


MIN,MAX= 6.2419E+02 7.9606E+02 INTERVAL= 1.0000E+01

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

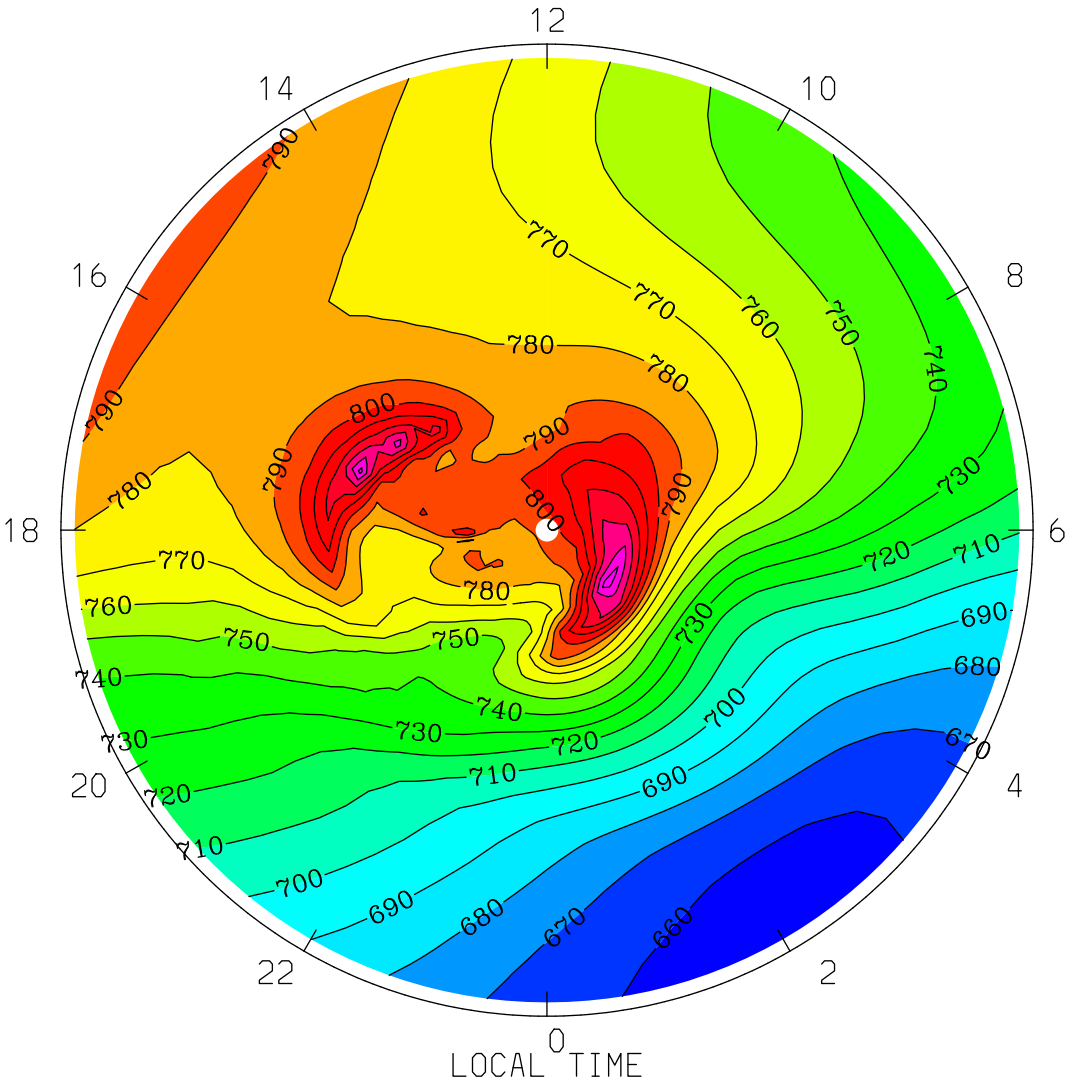

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 262.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 6.4300E+02 8.7435E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 6.6822E+02 8.7435E+02 INTERVAL= 1.0000E+01

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

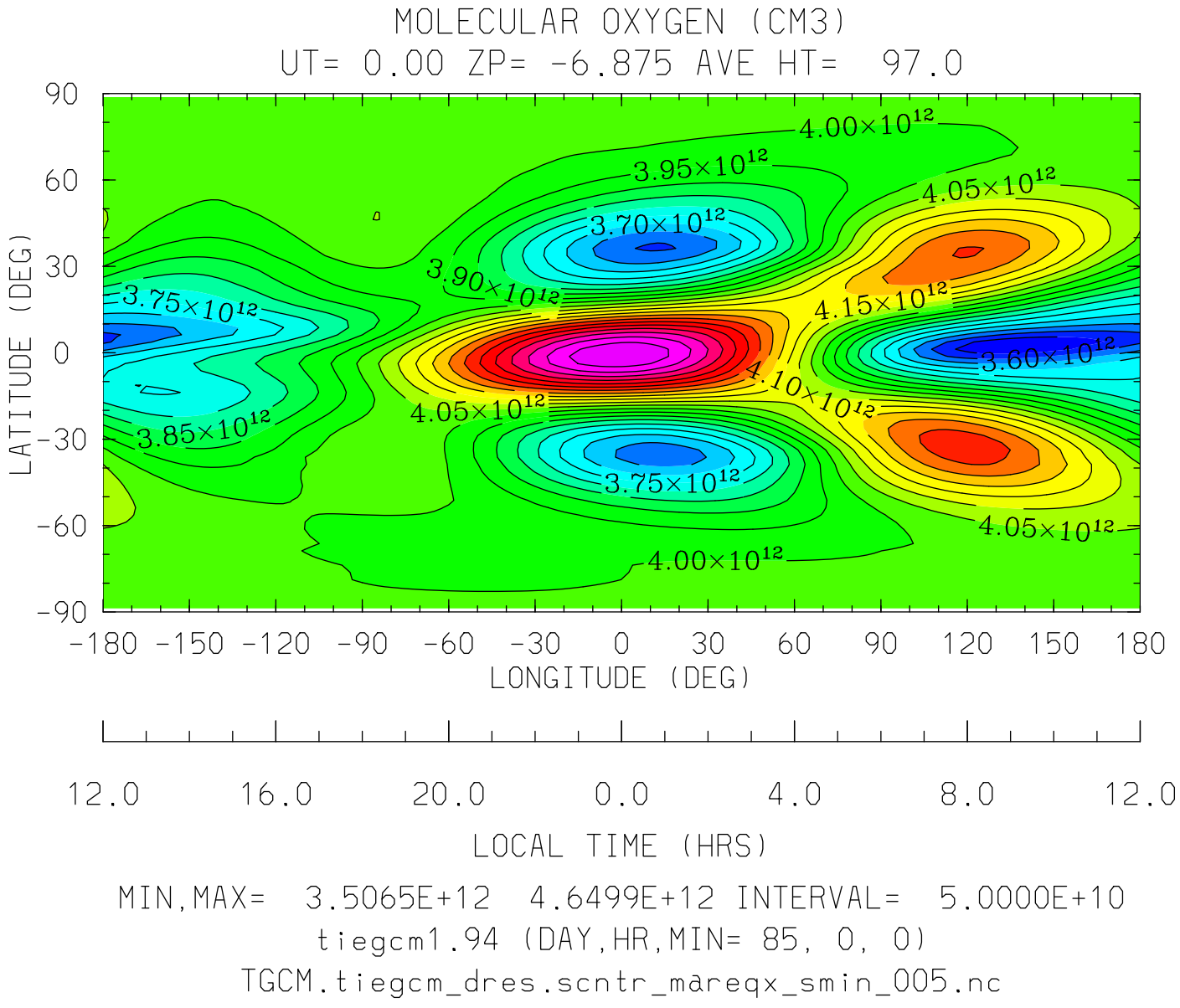
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 6.5536E+02 8.5558E+02 INTERVAL= 1.0000E+01

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

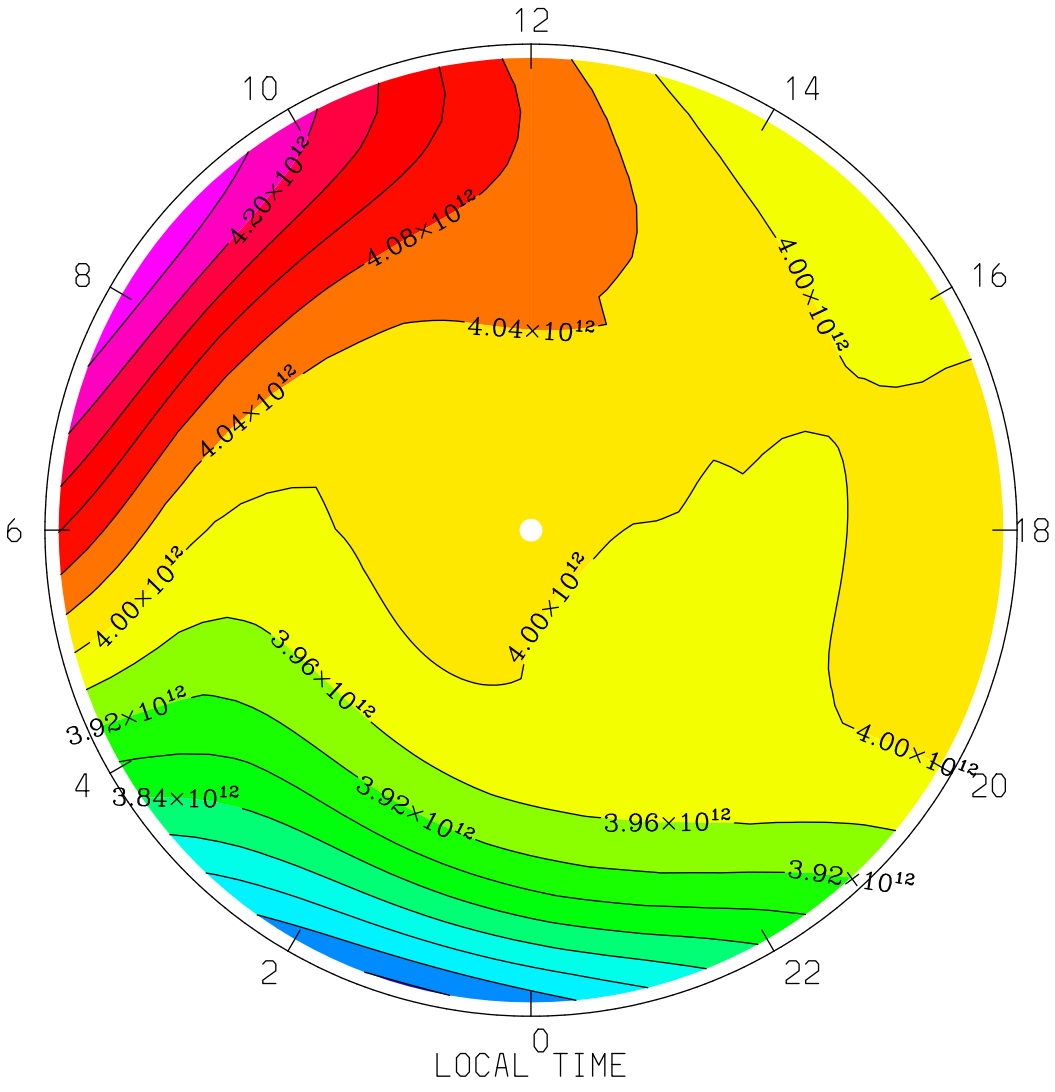
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 3.5065E+12 4.6499E+12 INTERVAL= 5.0000E+10

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

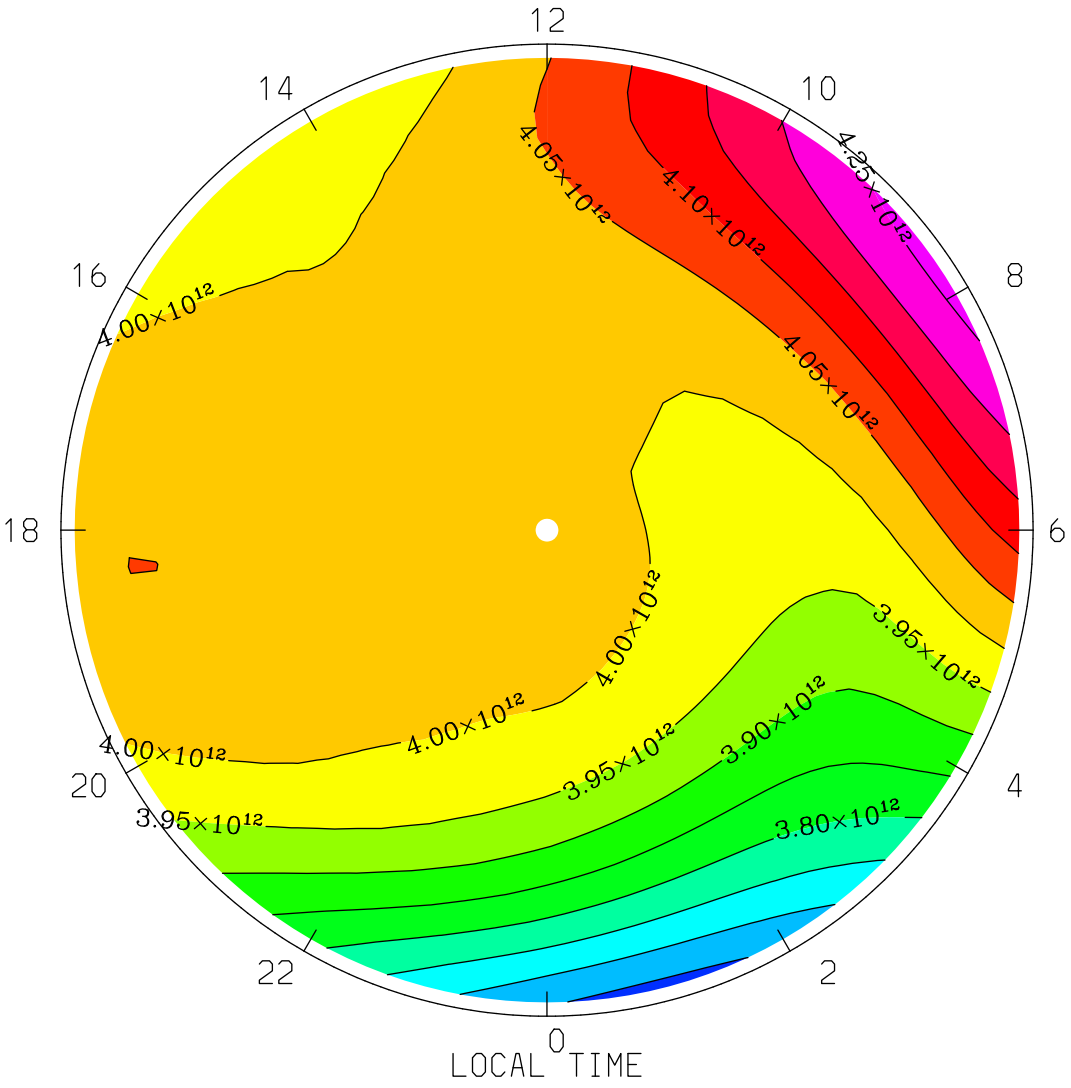
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 3.6769E+12 4.2705E+12 INTERVAL= 4.0000E+10

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

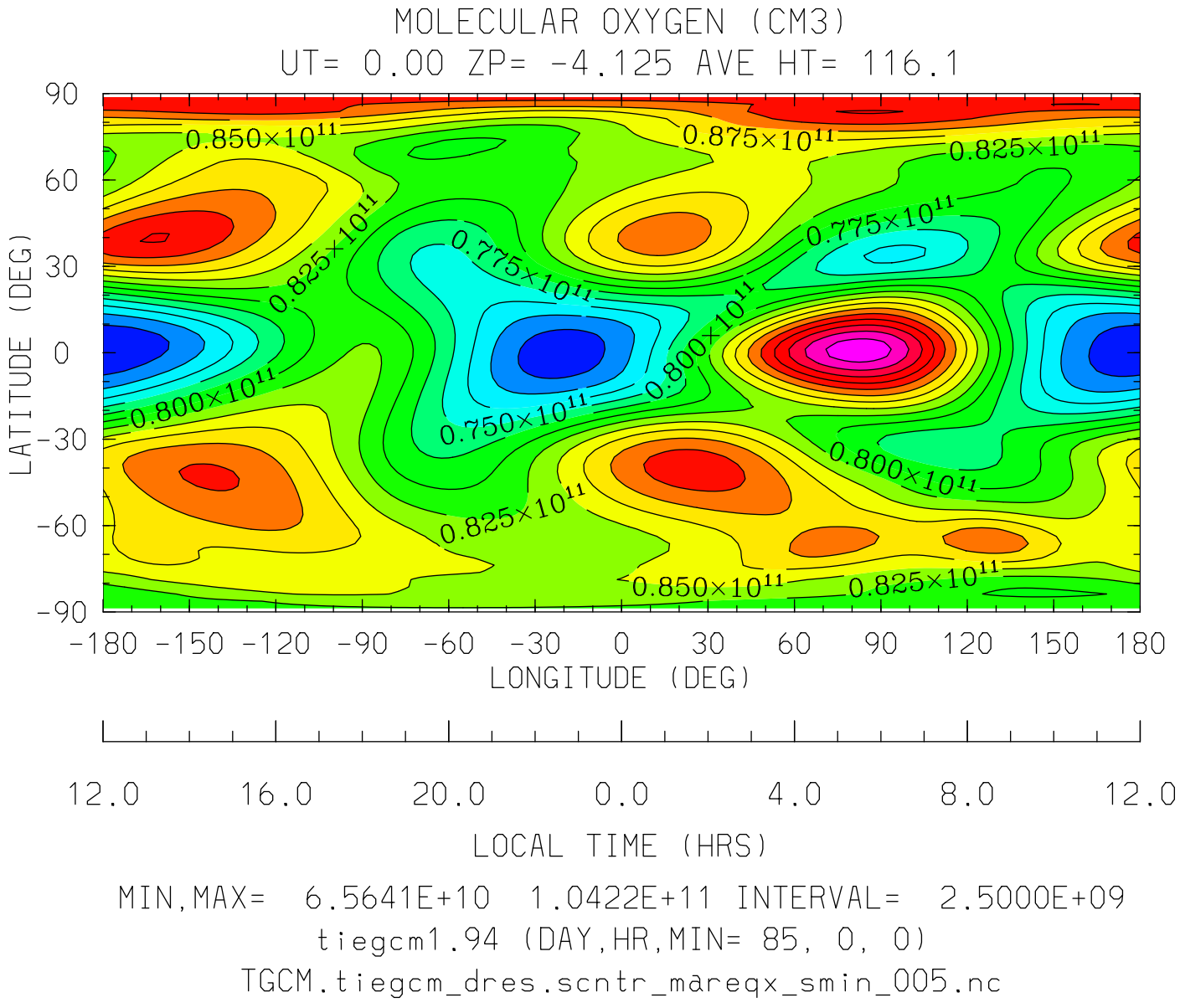
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 3.6351E+12 4.2655E+12 INTERVAL= 5.0000E+10

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

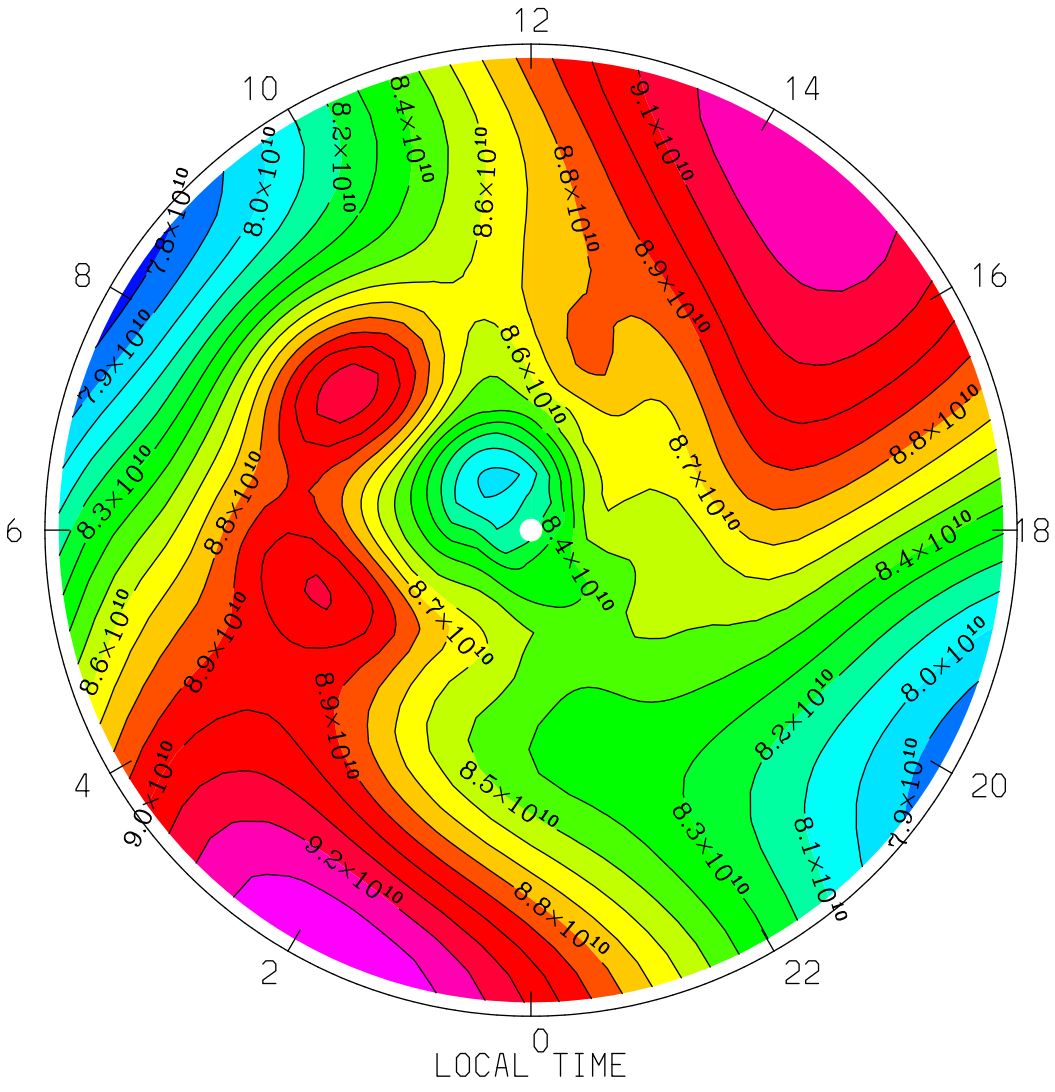
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



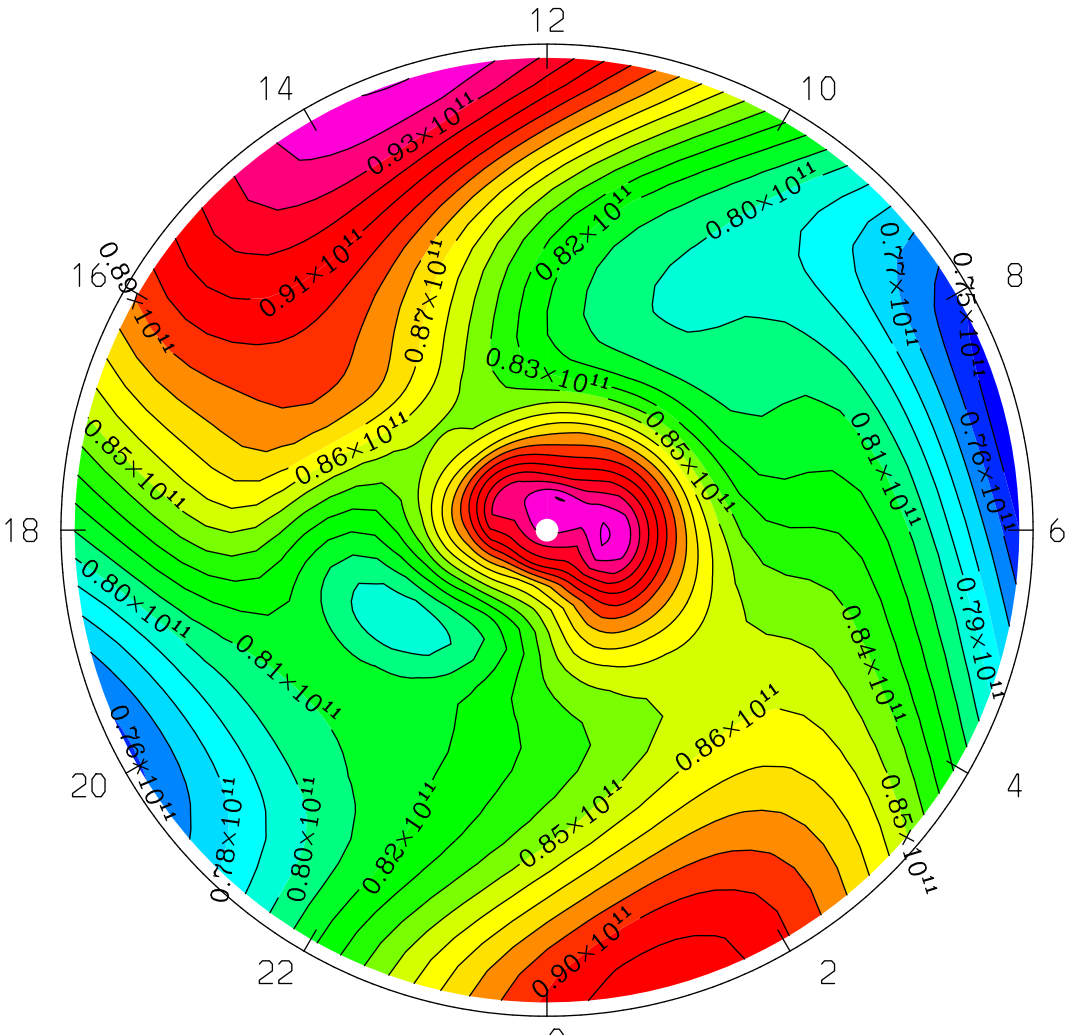
MIN,MAX= 6.5641E+10 1.0422E+11 INTERVAL= 2.5000E+09

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

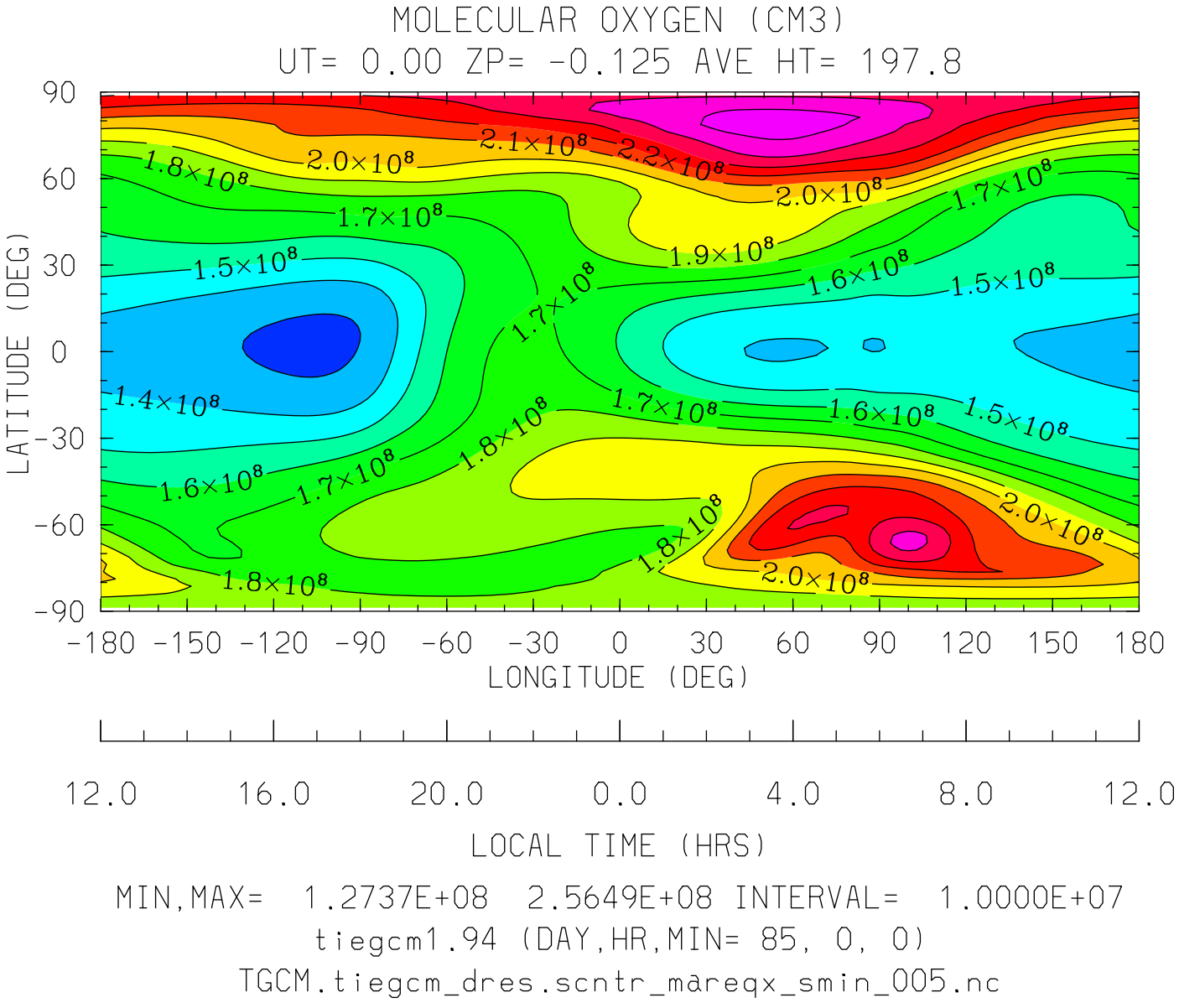

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 116.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 7.7654E+10 9.3967E+10 INTERVAL= 1.0000E+09
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 116.1 PERIM-LAT= 40.0

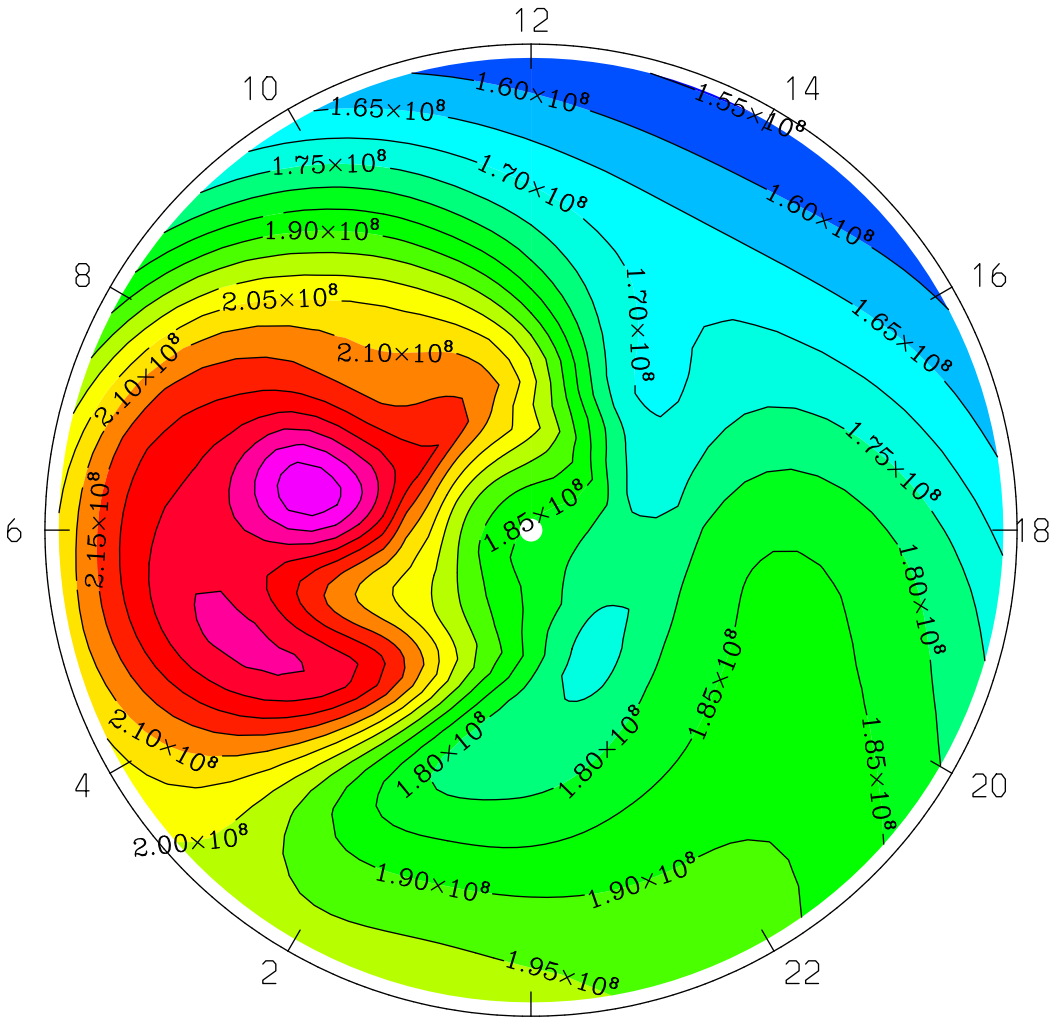


LOCAL TIME

MIN,MAX= 7.4185E+10 9.5203E+10 INTERVAL= 1.0000E+09
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 197.8
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= 1.2737E+08 2.5649E+08 INTERVAL= 1.0000E+07
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

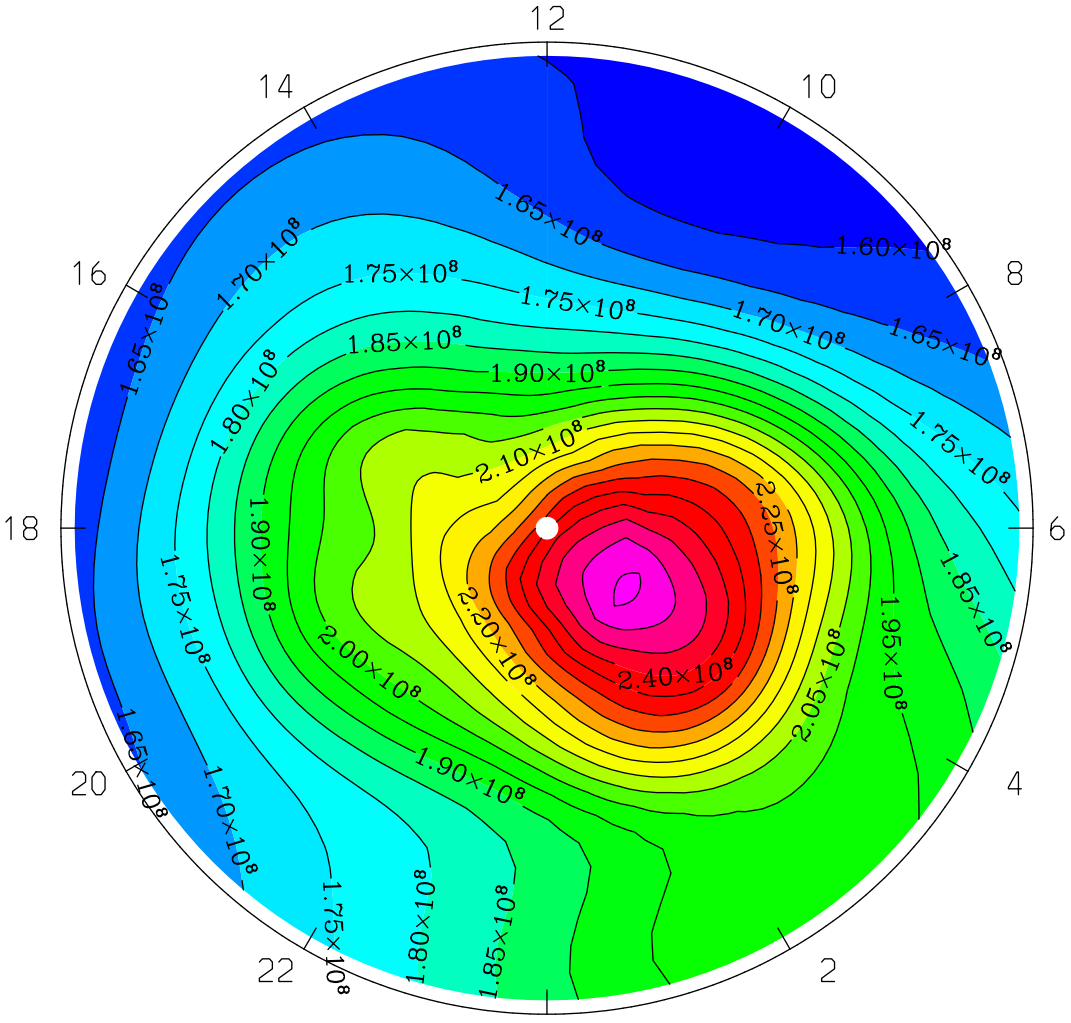
MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 197.8 PERIM-LAT=-40.0



LOCAL TIME

MIN,MAX= 1.5482E+08 2.4339E+08 INTERVAL= 5.0000E+06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 197.8 PERIM-LAT= 40.0

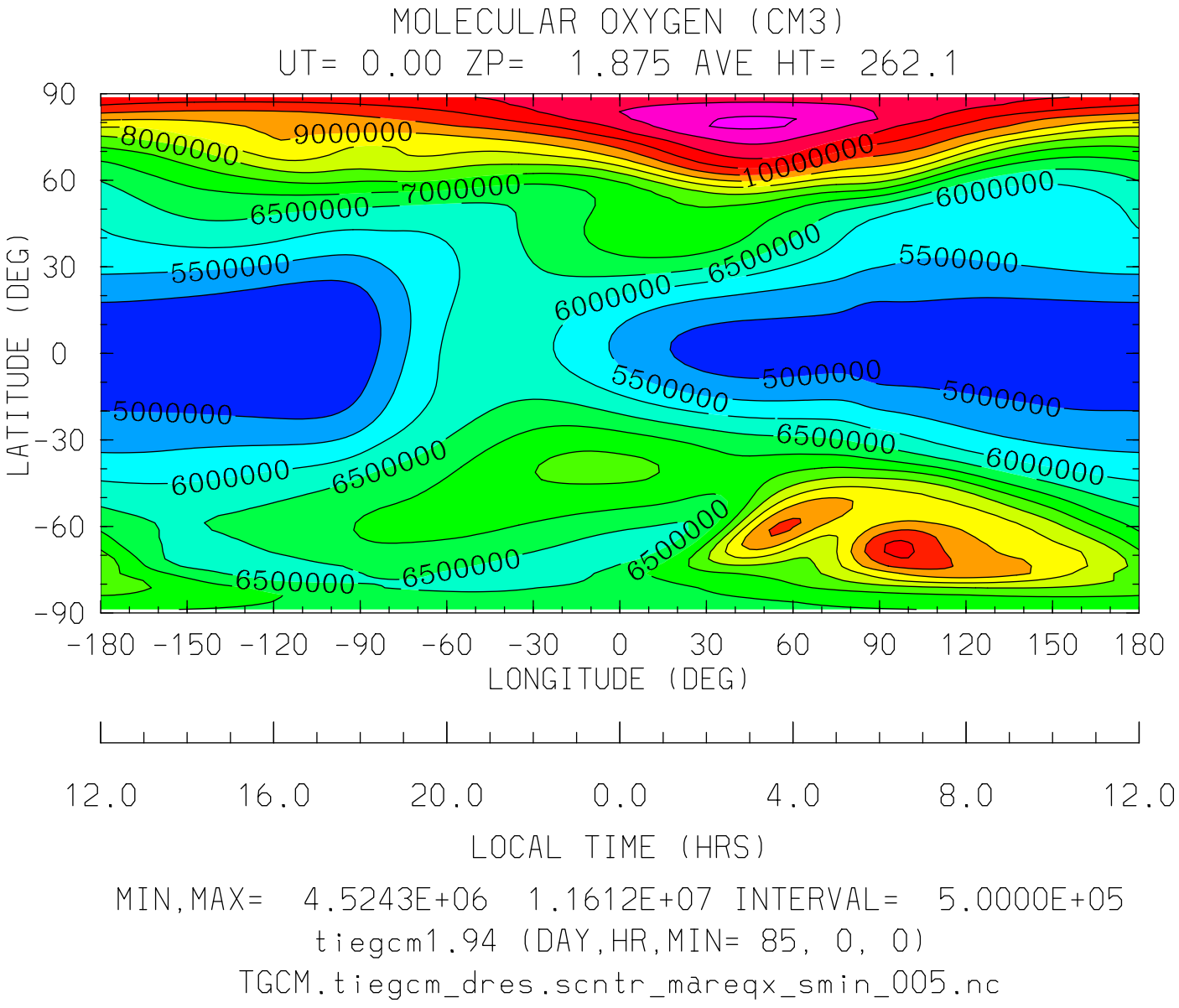


LOCAL TIME

MIN,MAX= 1.5814E+08 2.5649E+08 INTERVAL= 5.0000E+06

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

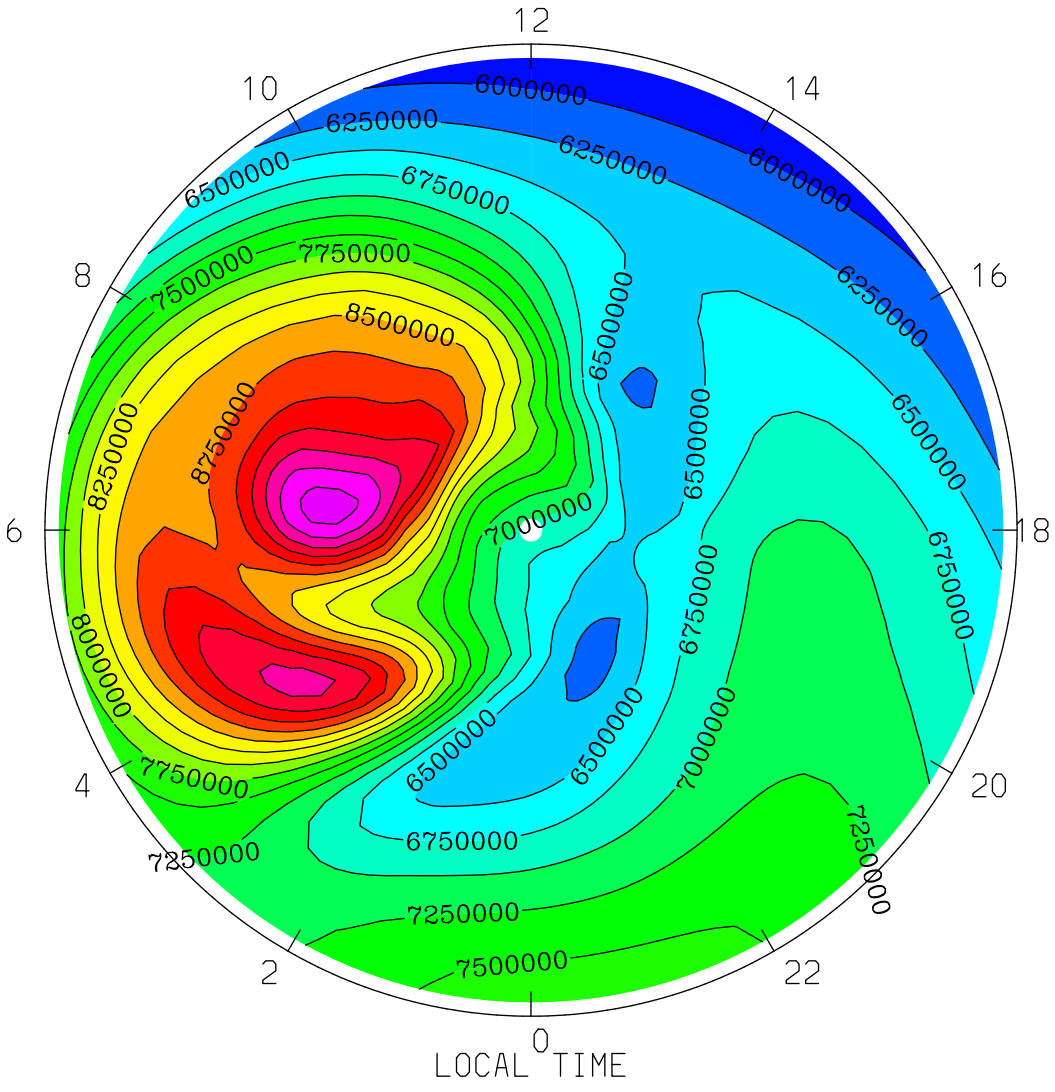
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

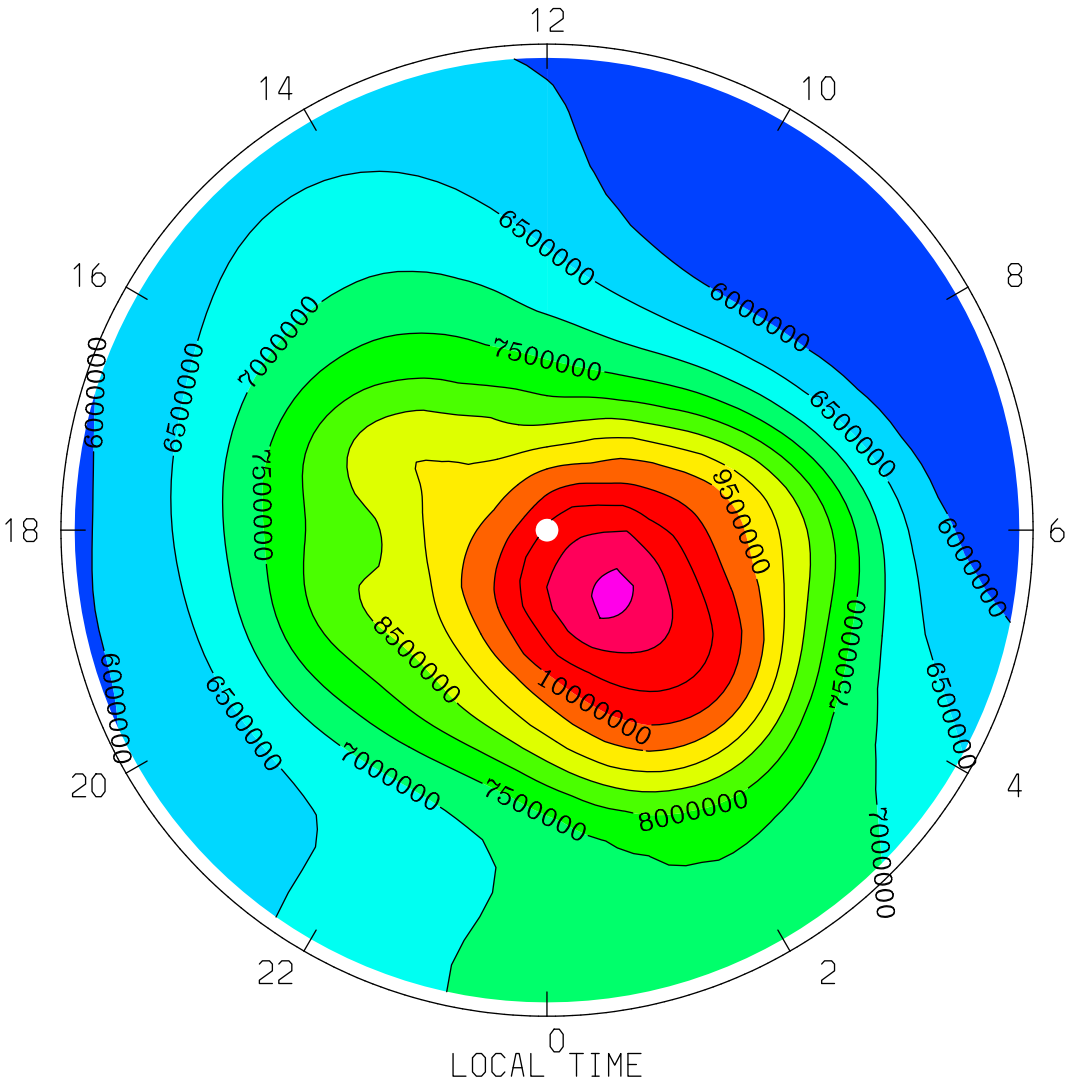


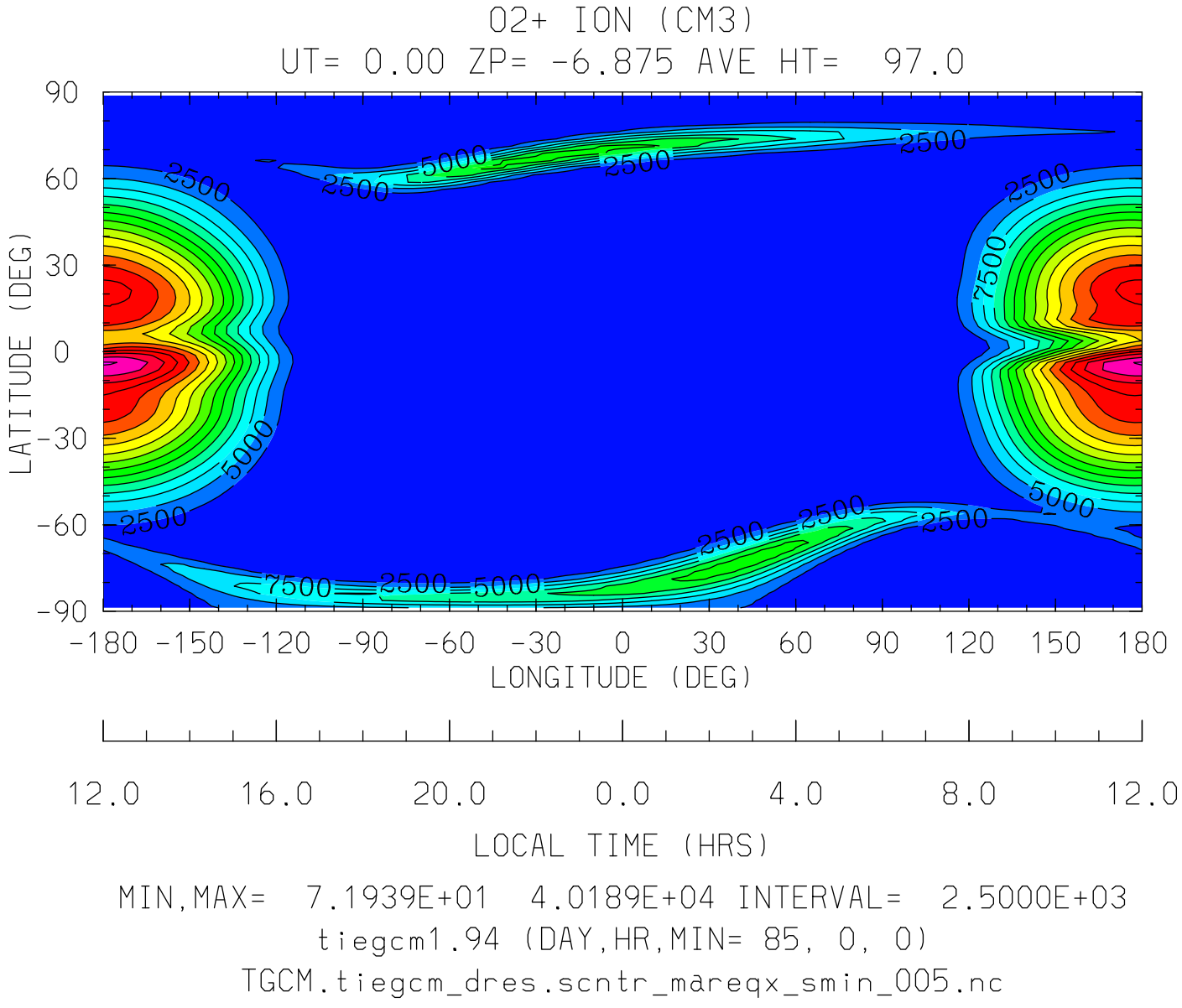
MIN,MAX= 4.5243E+06 1.1612E+07 INTERVAL= 5.0000E+05

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 262.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
6000000
6250000
6500000
6750000
7000000
7250000
7500000
7750000
8000000
8250000
8500000
8750000
LOCAL TIME
MIN,MAX= 5.8066E+06 1.0110E+07 INTERVAL= 2.5000E+05
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

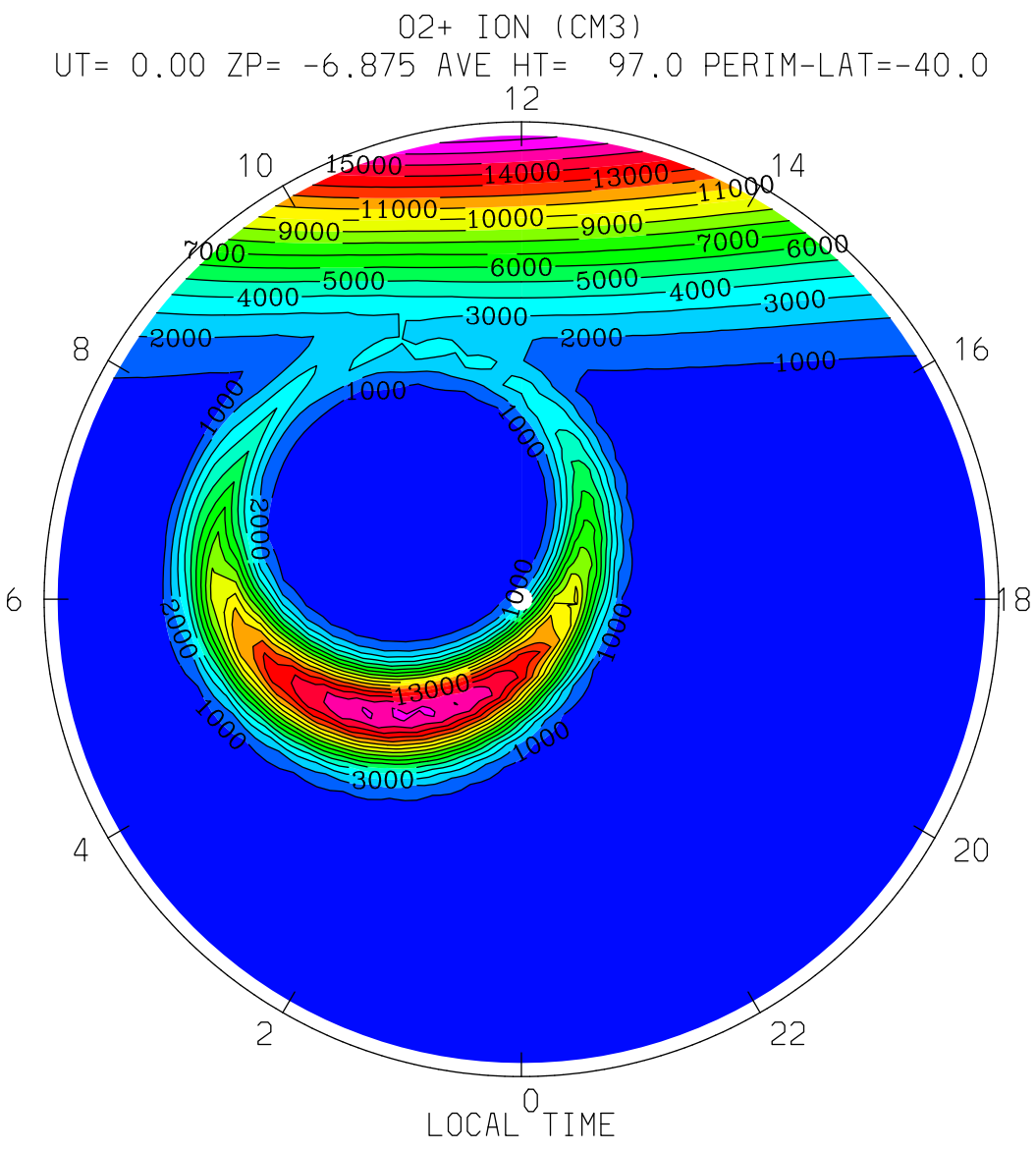

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 262.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
6500000
6000000
7000000
7500000
8000000
9500000
10000000
LOCAL TIME
MIN,MAX= 5.5705E+06 1.1612E+07 INTERVAL= 5.0000E+05
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

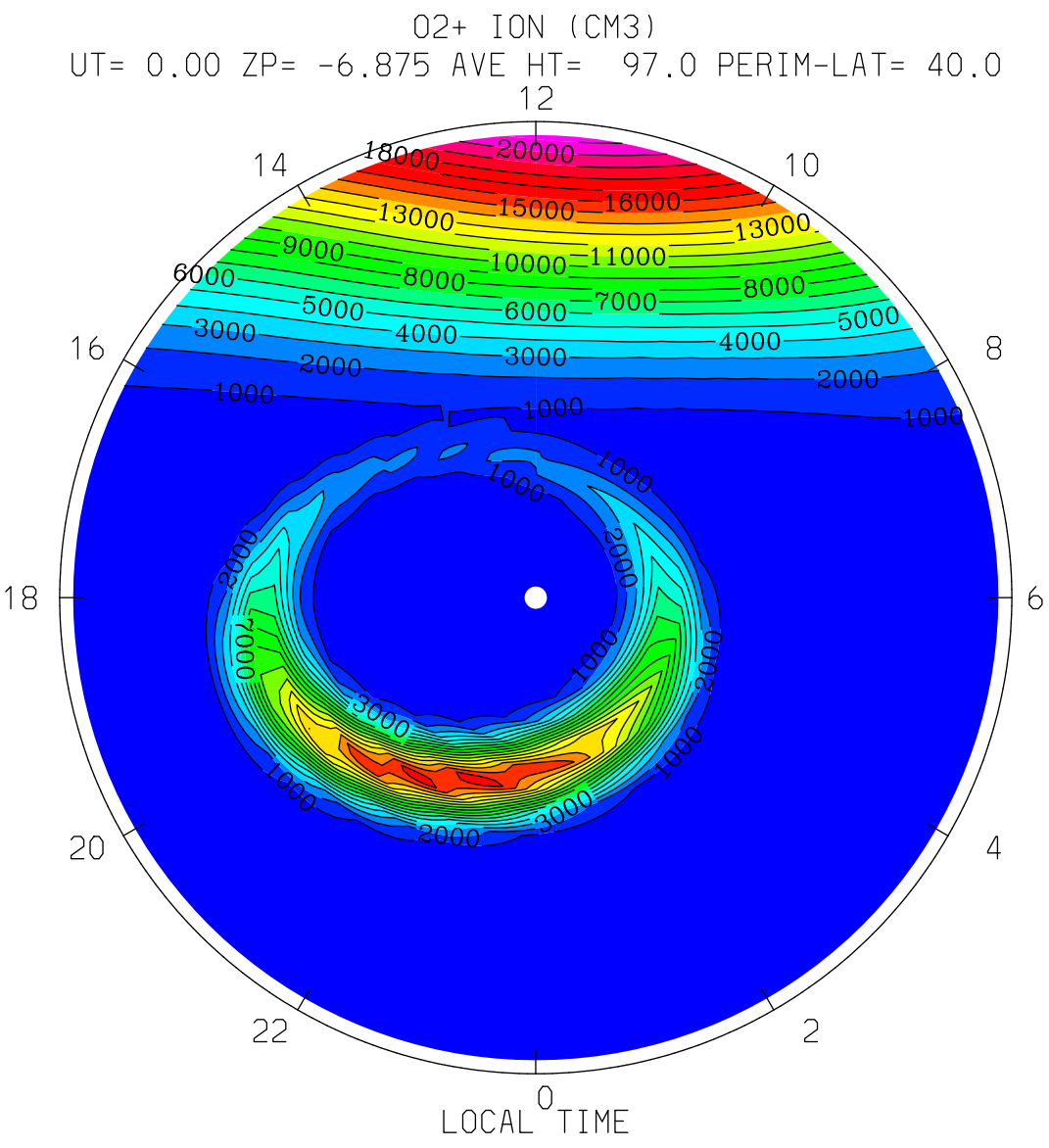


MIN,MAX= 7.1939E+01 4.0189E+04 INTERVAL= 2.5000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

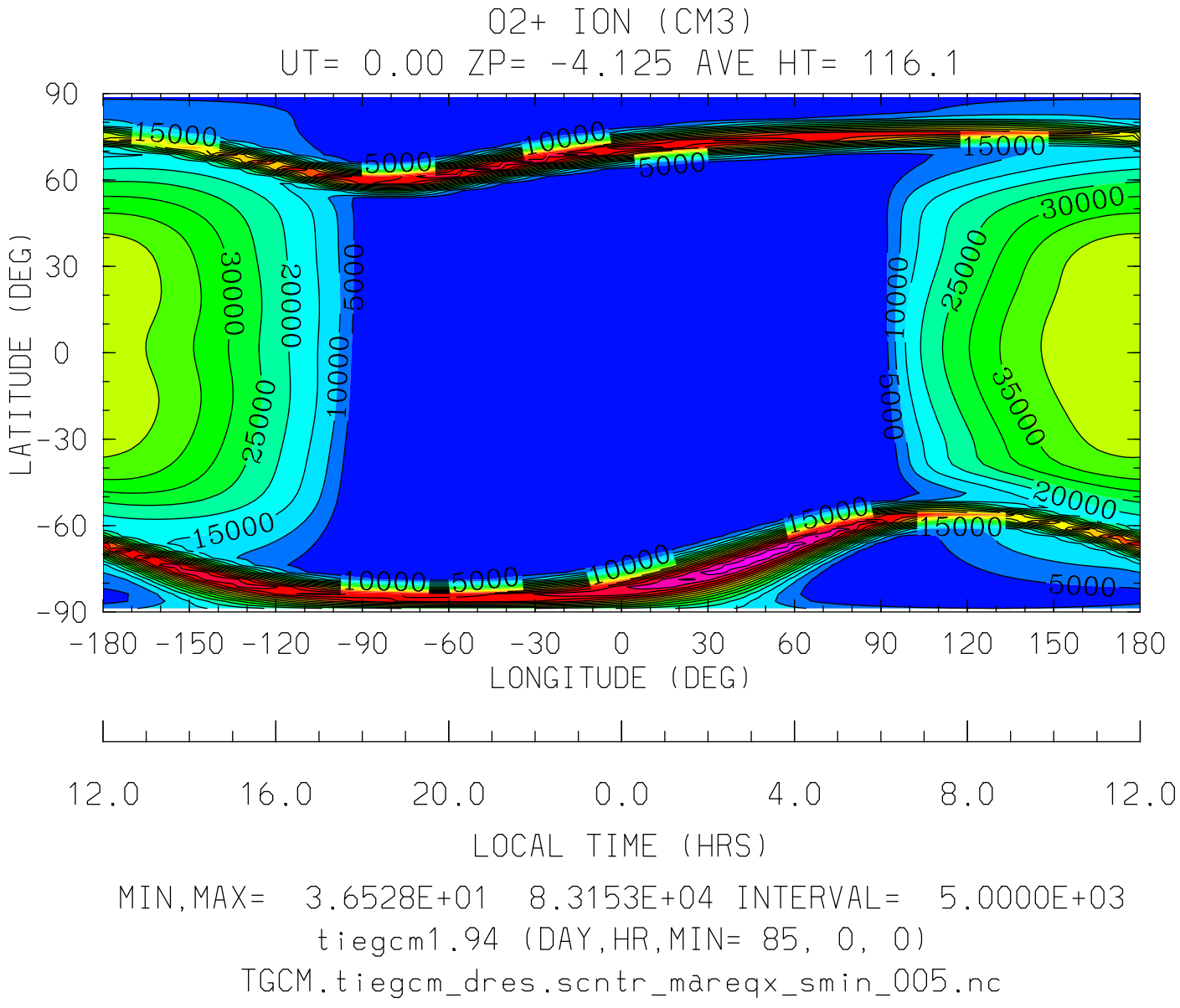

O2+ ION (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
15000
14000
13000
11000
10000
9000
7000
6000
5000
4000
3000
2000
1000
MIN,MAX= 2.3400E+02 1.7420E+04 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

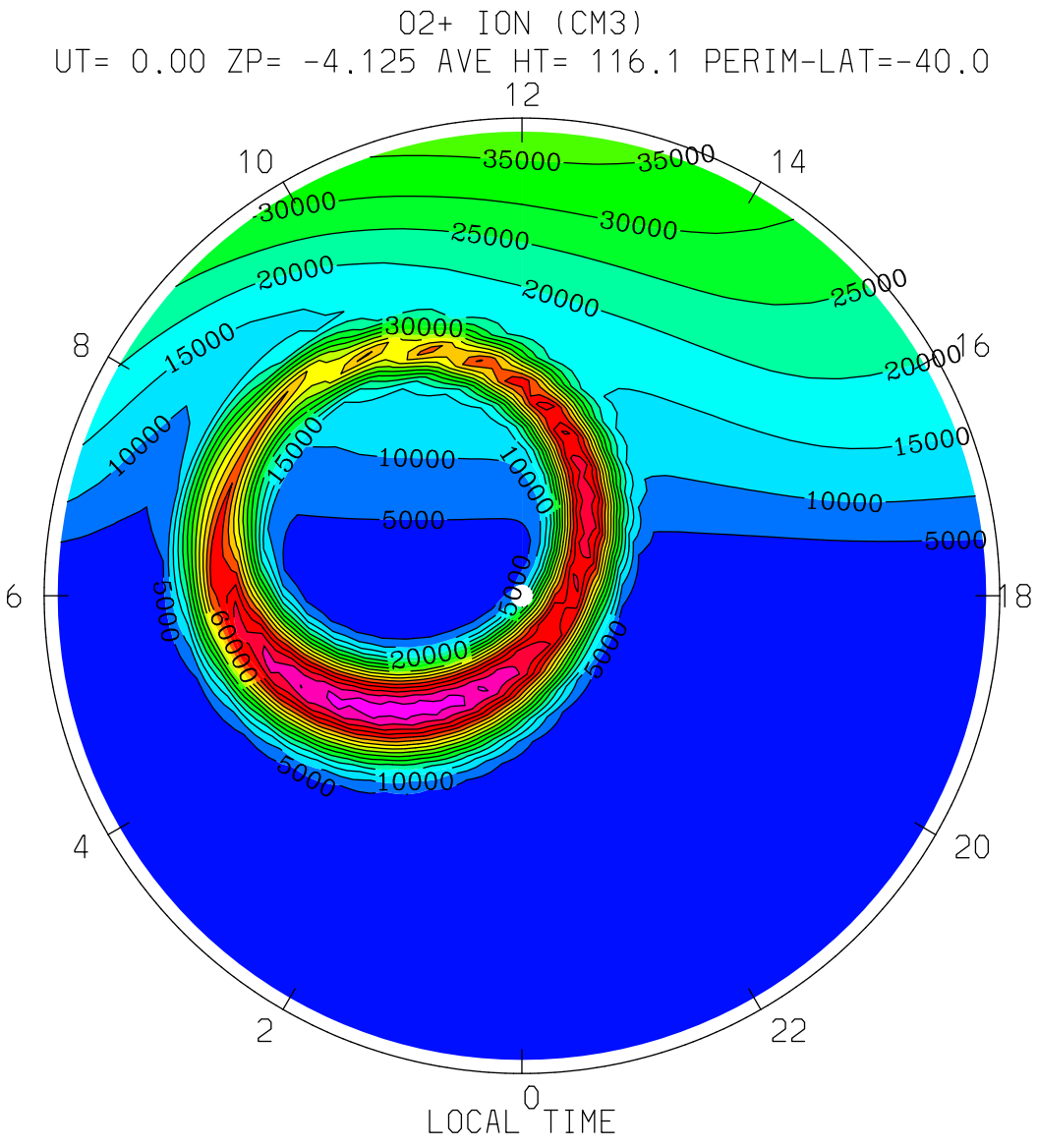


MIN,MAX= 2.1459E+02 2.1442E+04 INTERVAL= 1.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

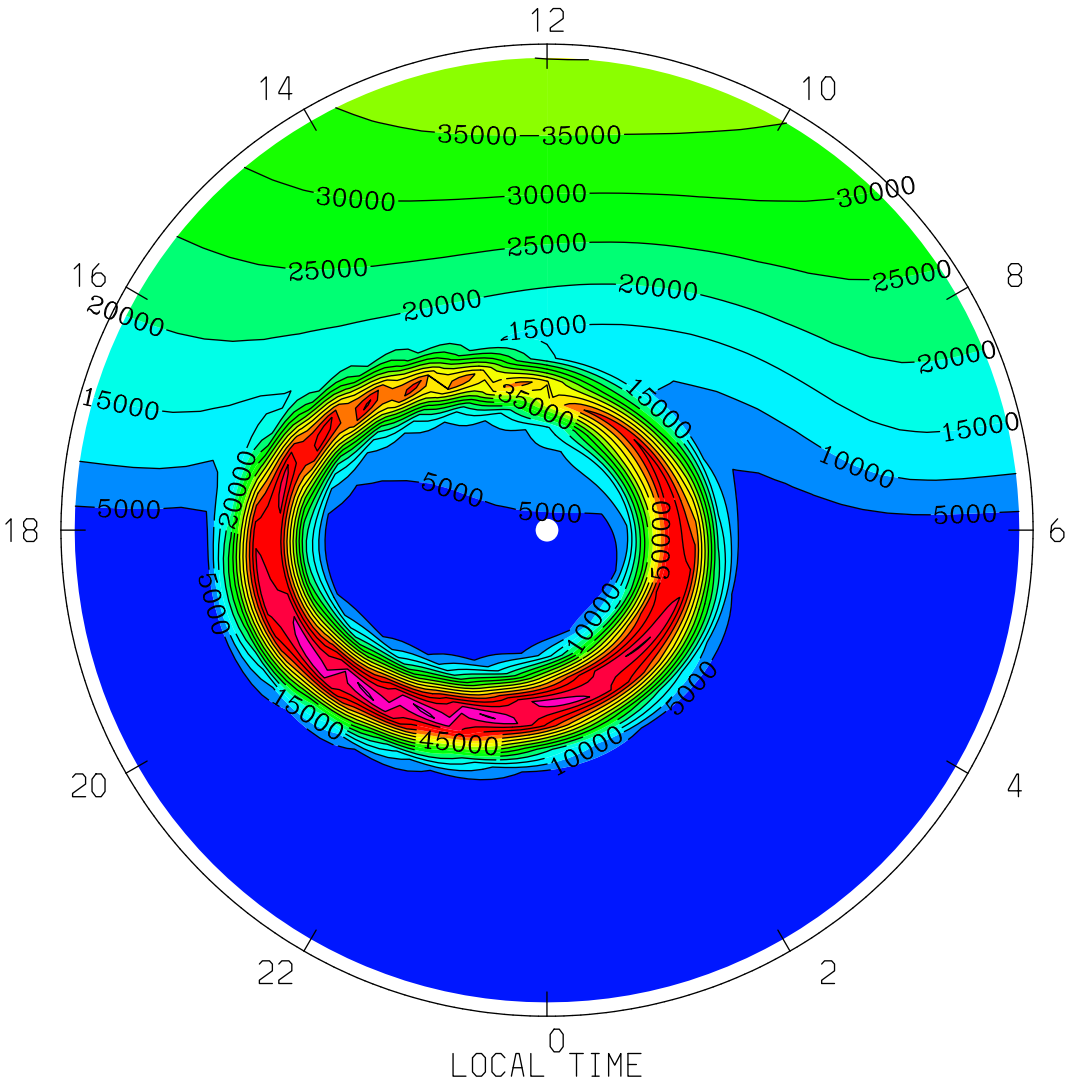

O2+ ION (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 116.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.6528E+01 8.3153E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 4.9294E+01 8.3153E+04 INTERVAL= 5.0000E+03

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

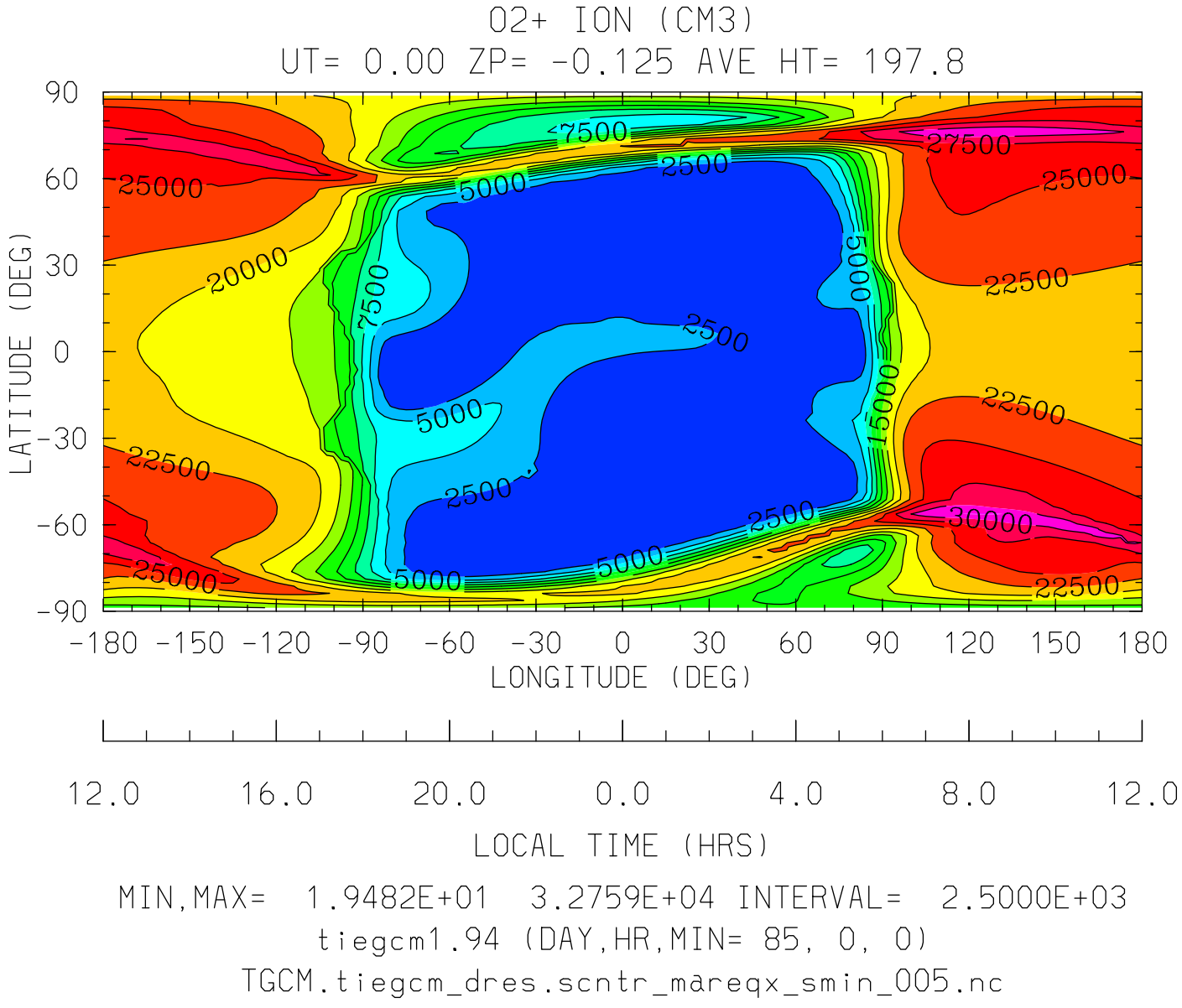
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

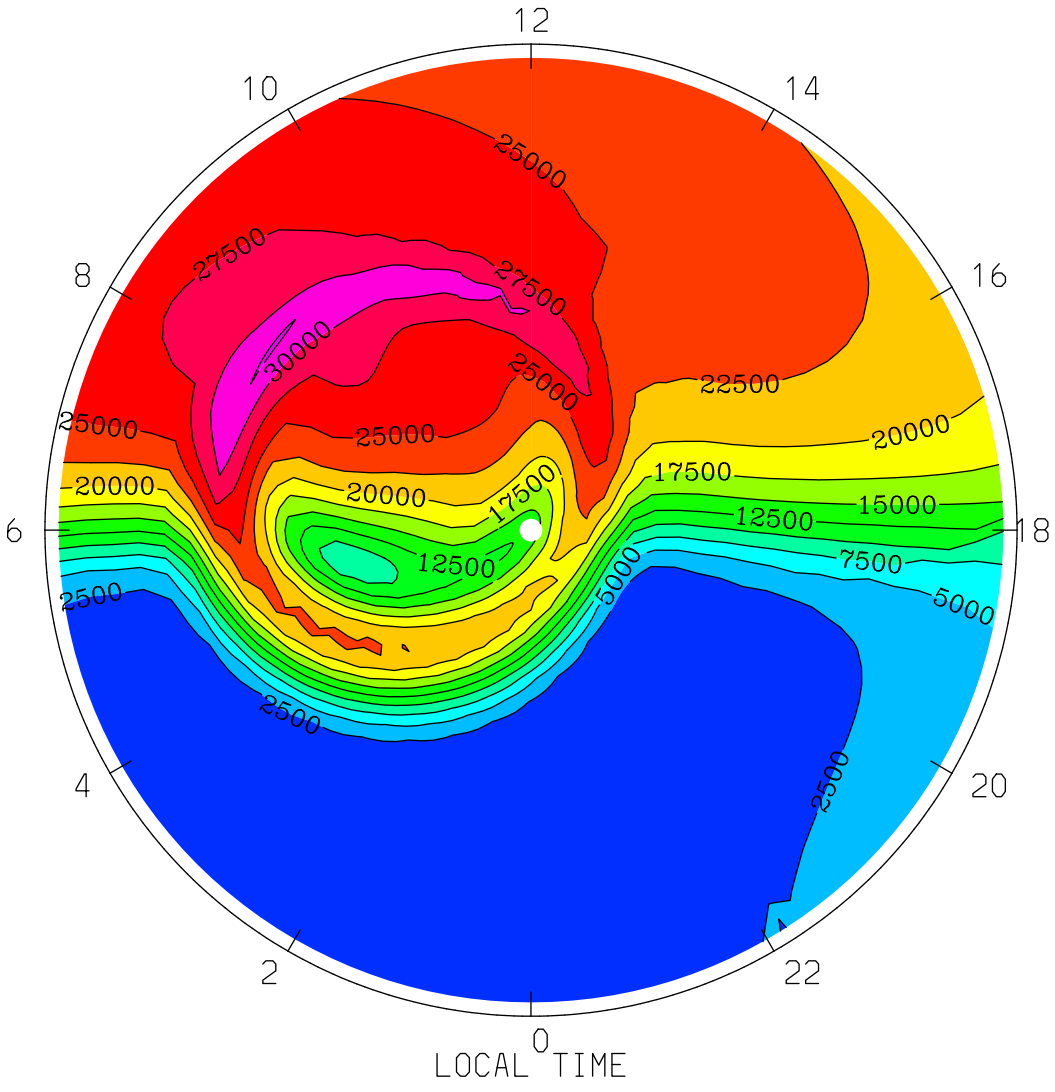


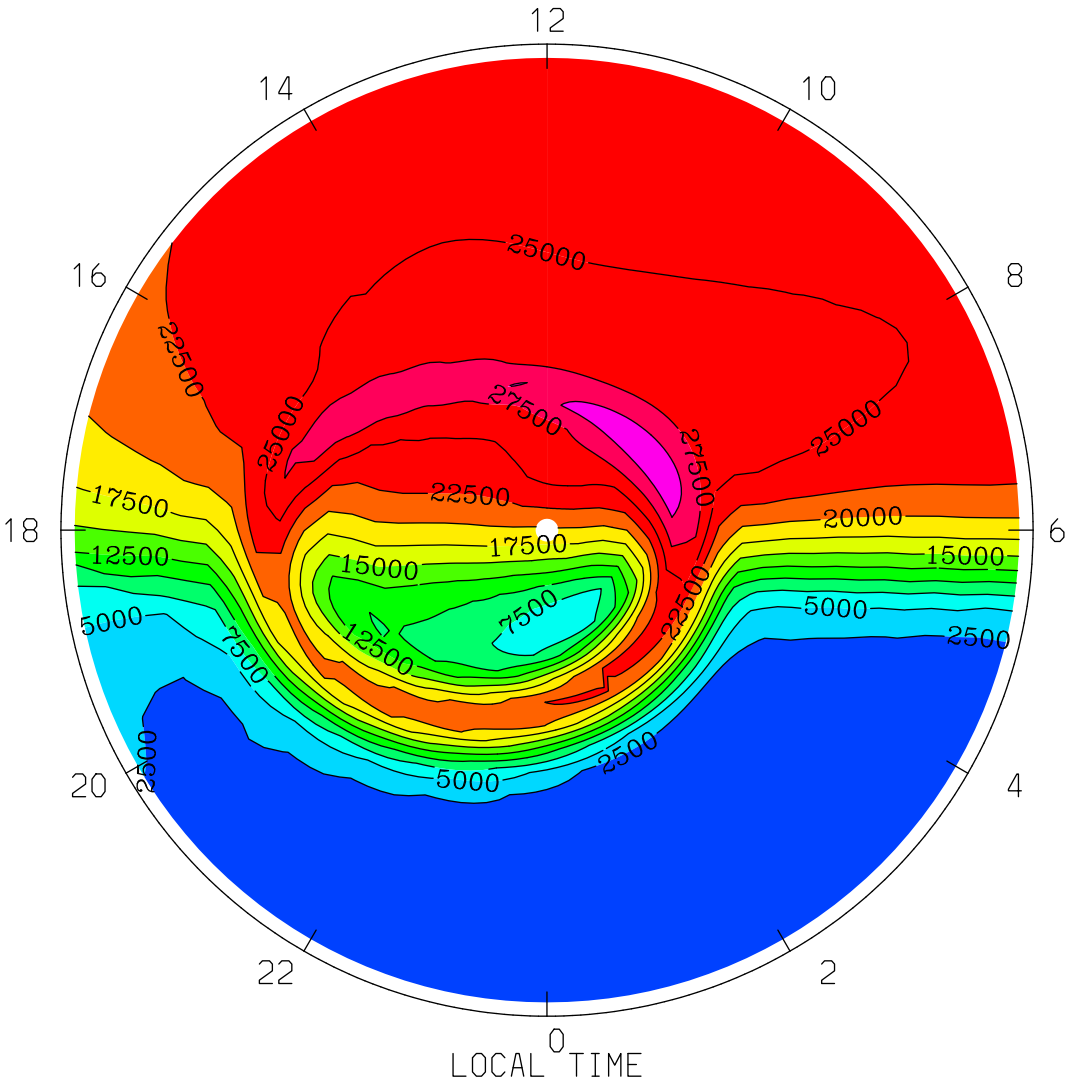
MIN,MAX= 3.6528E+01 7.6324E+04 INTERVAL= 5.0000E+03

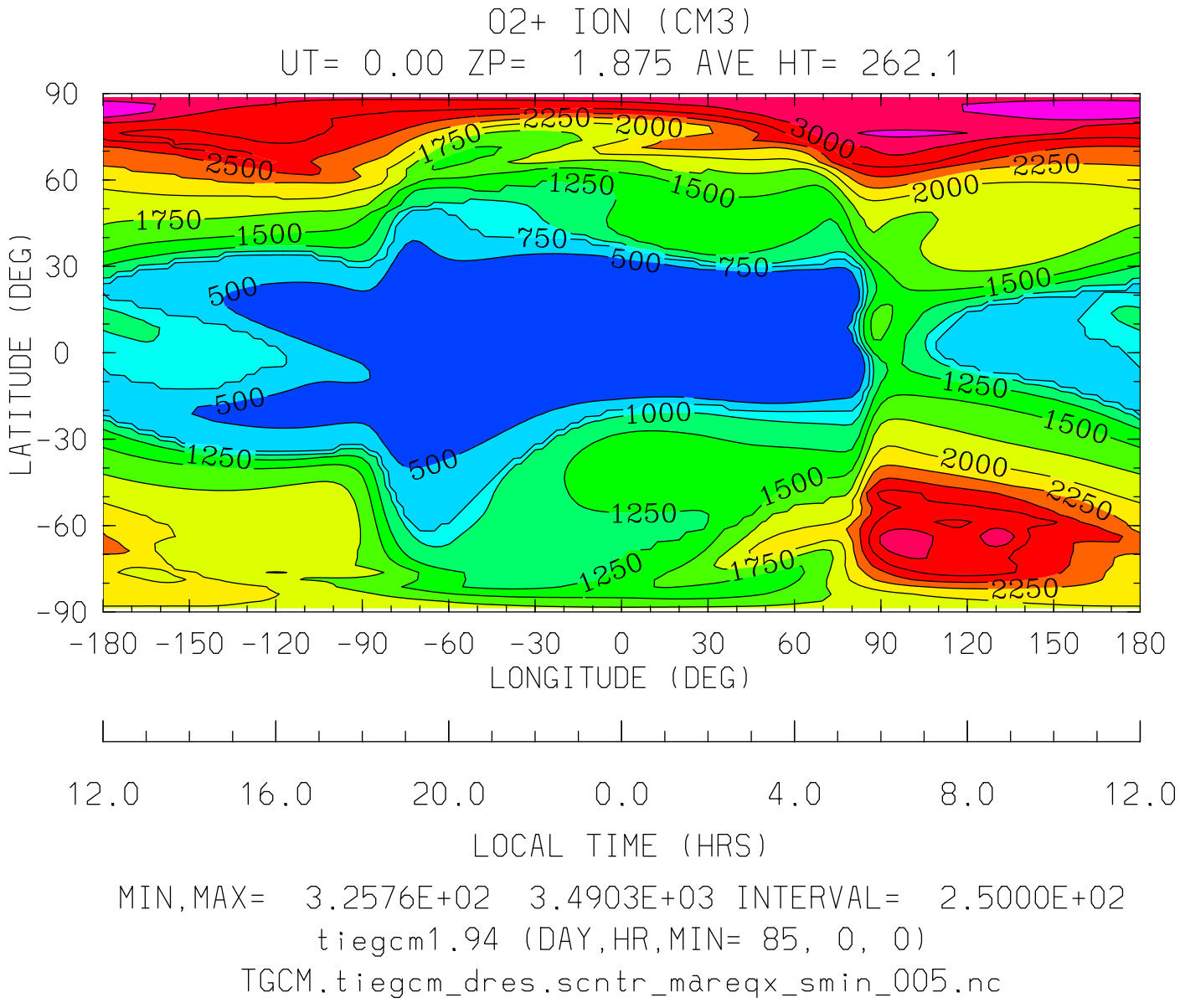
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

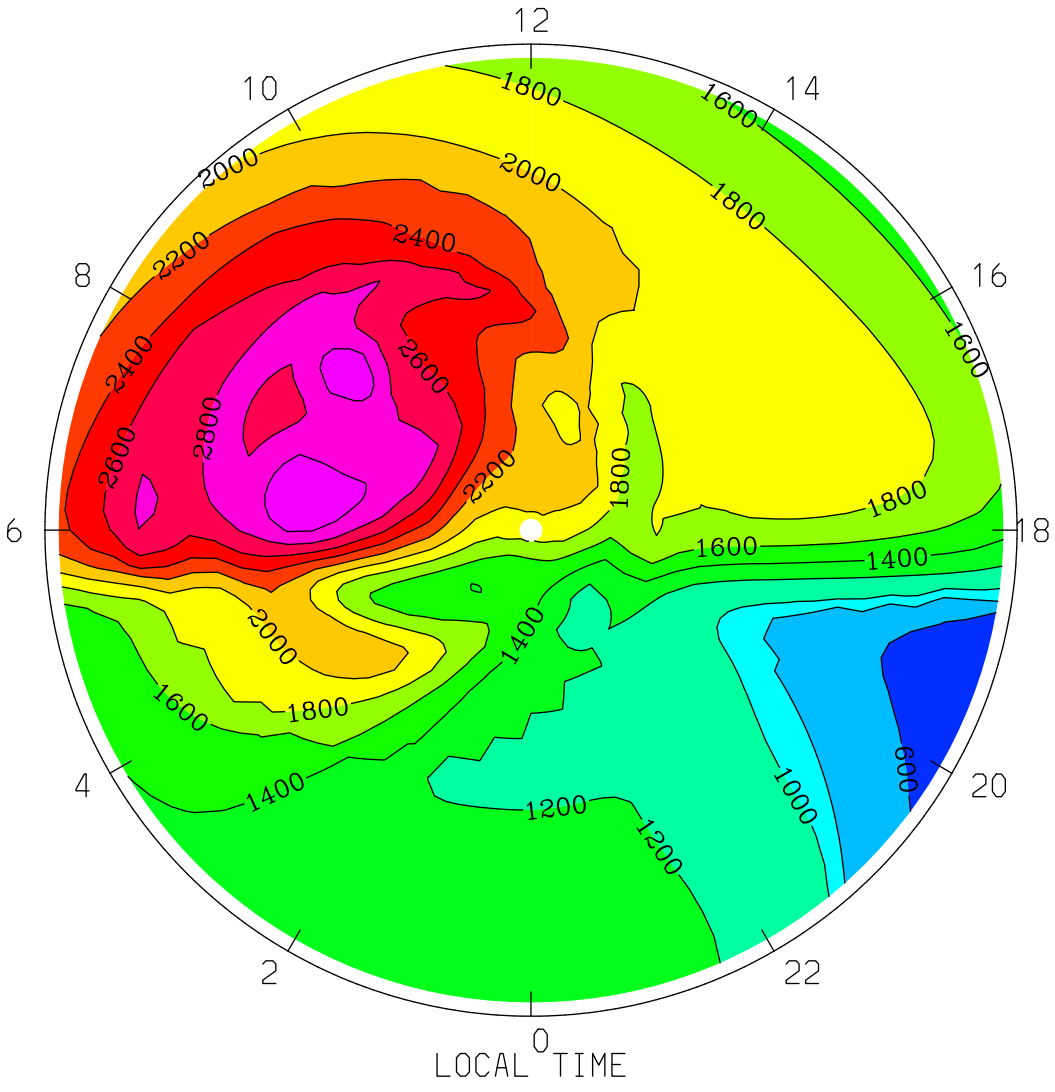
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


O2+ ION (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 197.8
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= 1.9482E+01 3.2759E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


O2+ ION (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 197.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
25000
27500
27500
30000
25000
22500
25000
25000
20000
20000
17500
17500
15000
12500
12500
7500
5000
5000
2500
2500
2500
MIN,MAX= 1.0567E+02 3.2759E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


O2+ ION (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 197.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
25000
22500
27500
17500
20000
15000
12500
7500
5000
2500
LOCAL TIME
MIN,MAX= 1.1518E+02 3.2085E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

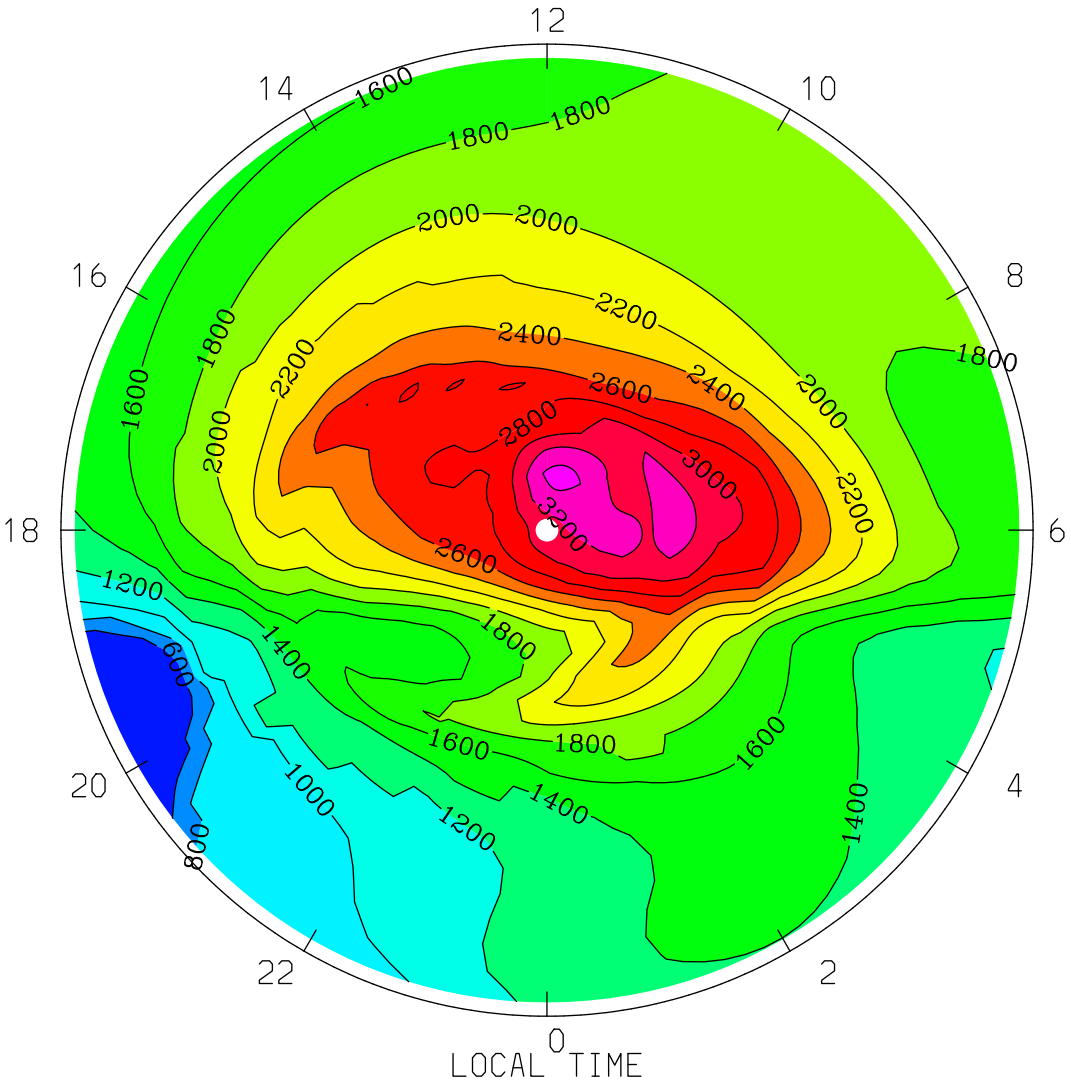

O2+ ION (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 262.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.2576E+02 3.4903E+03 INTERVAL= 2.5000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

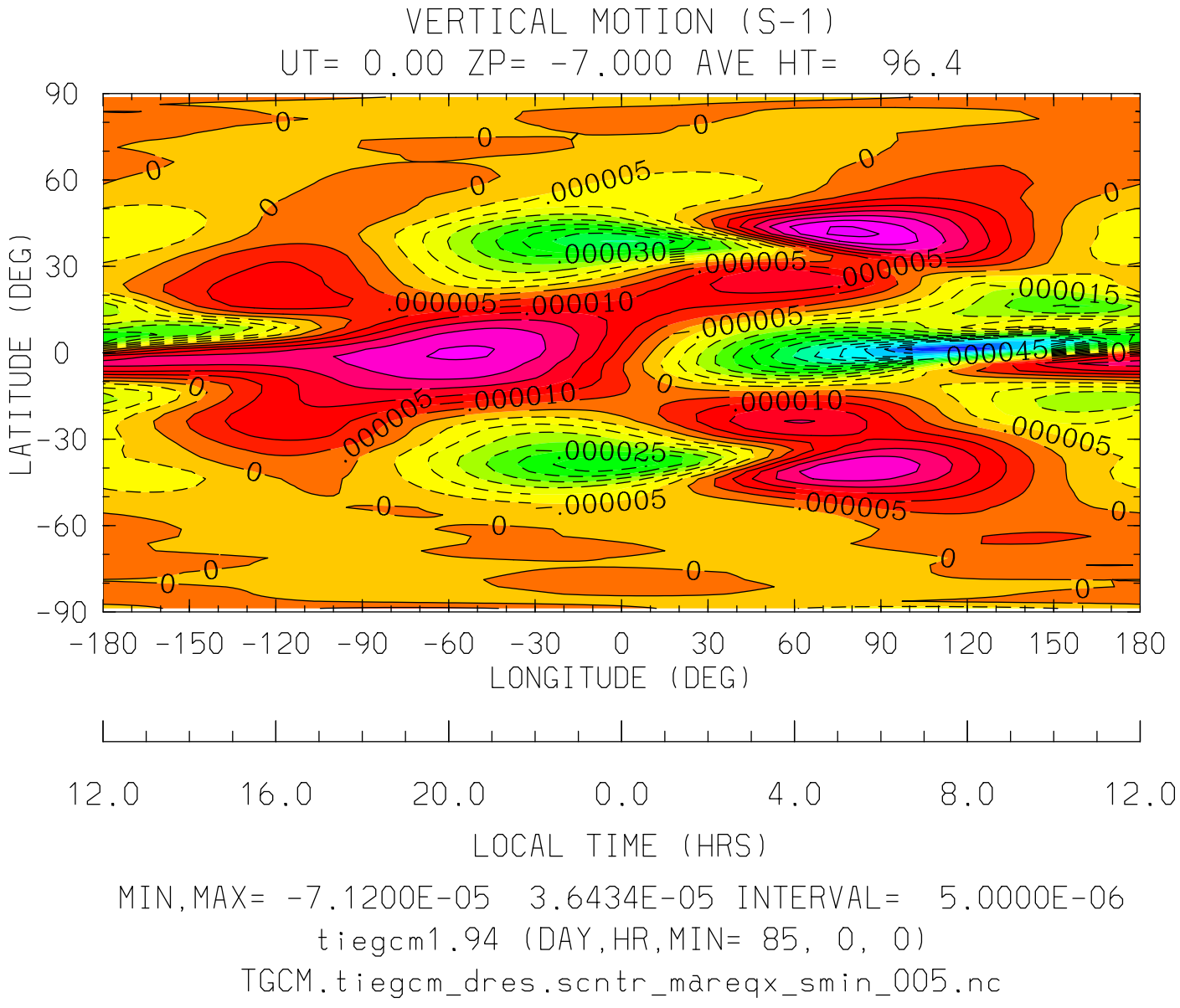


MIN,MAX= 5.0968E+02 3.1947E+03 INTERVAL= 2.0000E+02

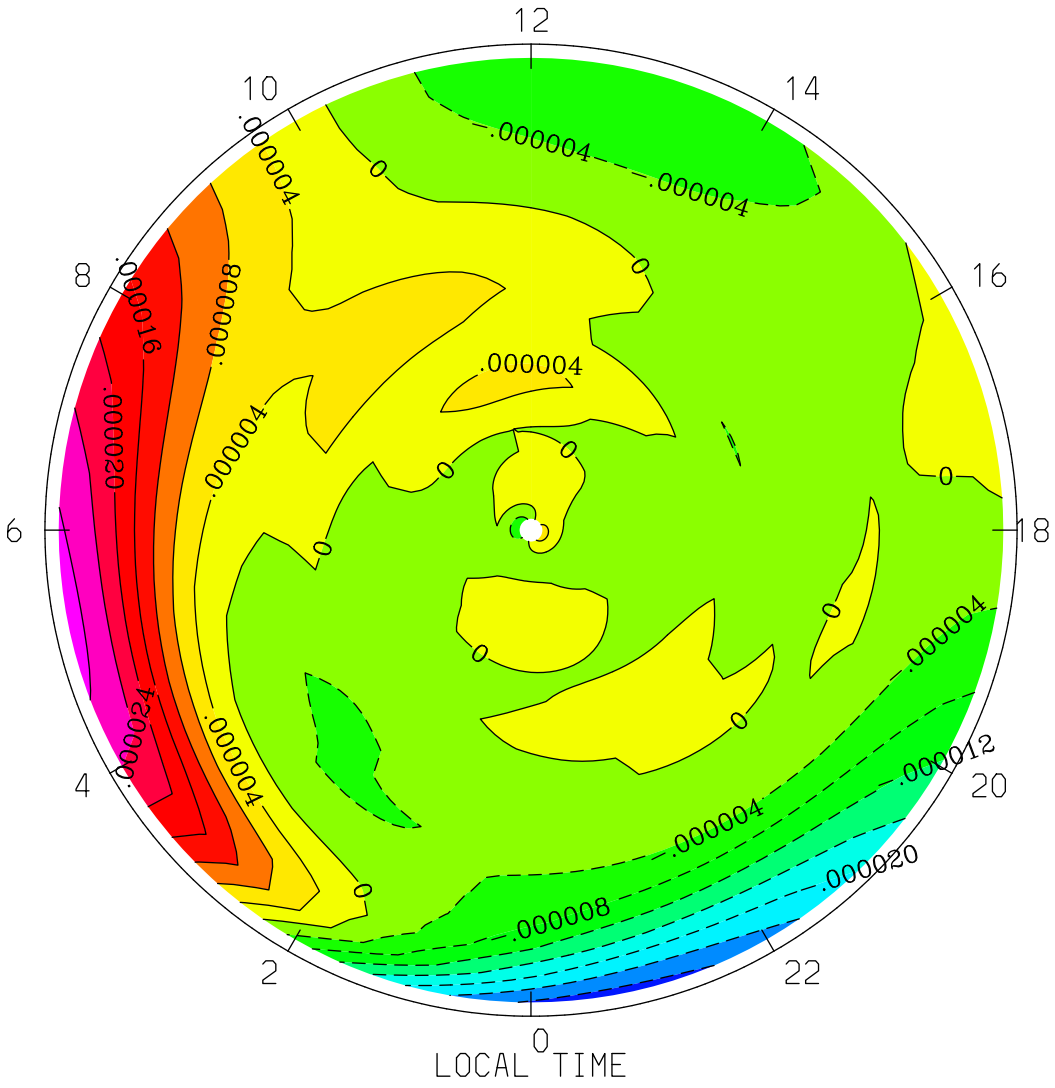
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


O2+ ION (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 262.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 5.1524E+02 3.4903E+03 INTERVAL= 2.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

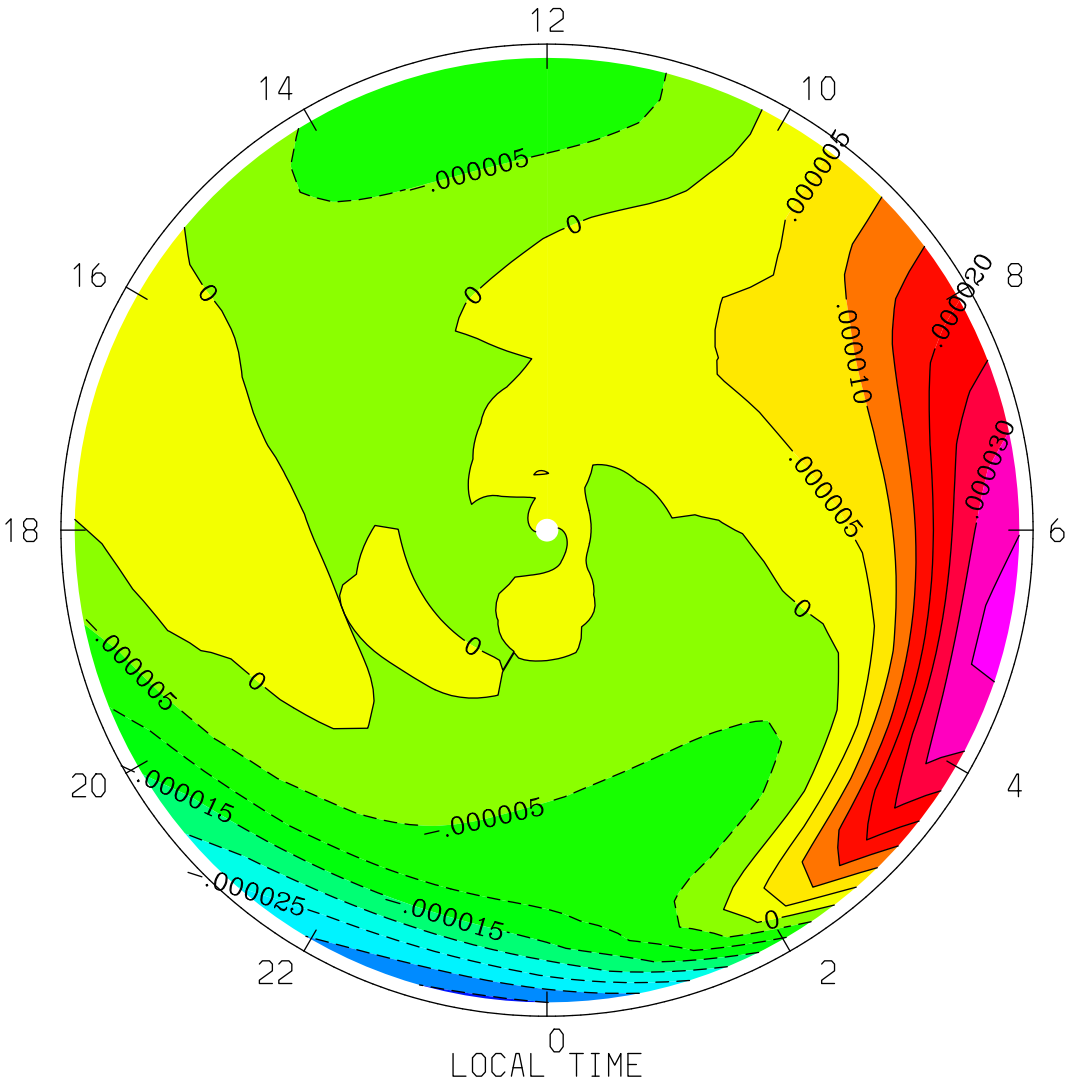

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -7.1200E-05 3.6434E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

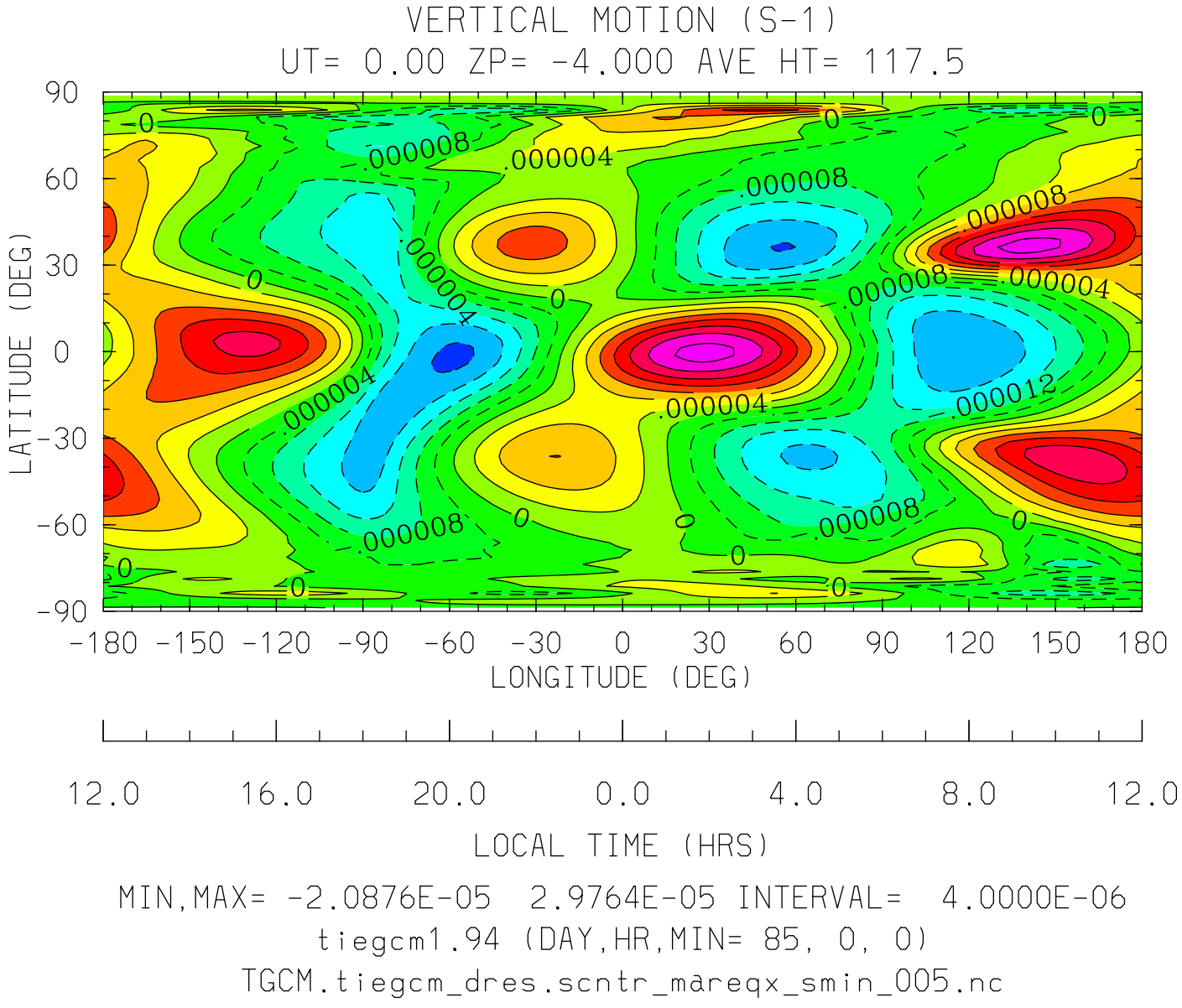
VERTICAL MOTION (S-1)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0

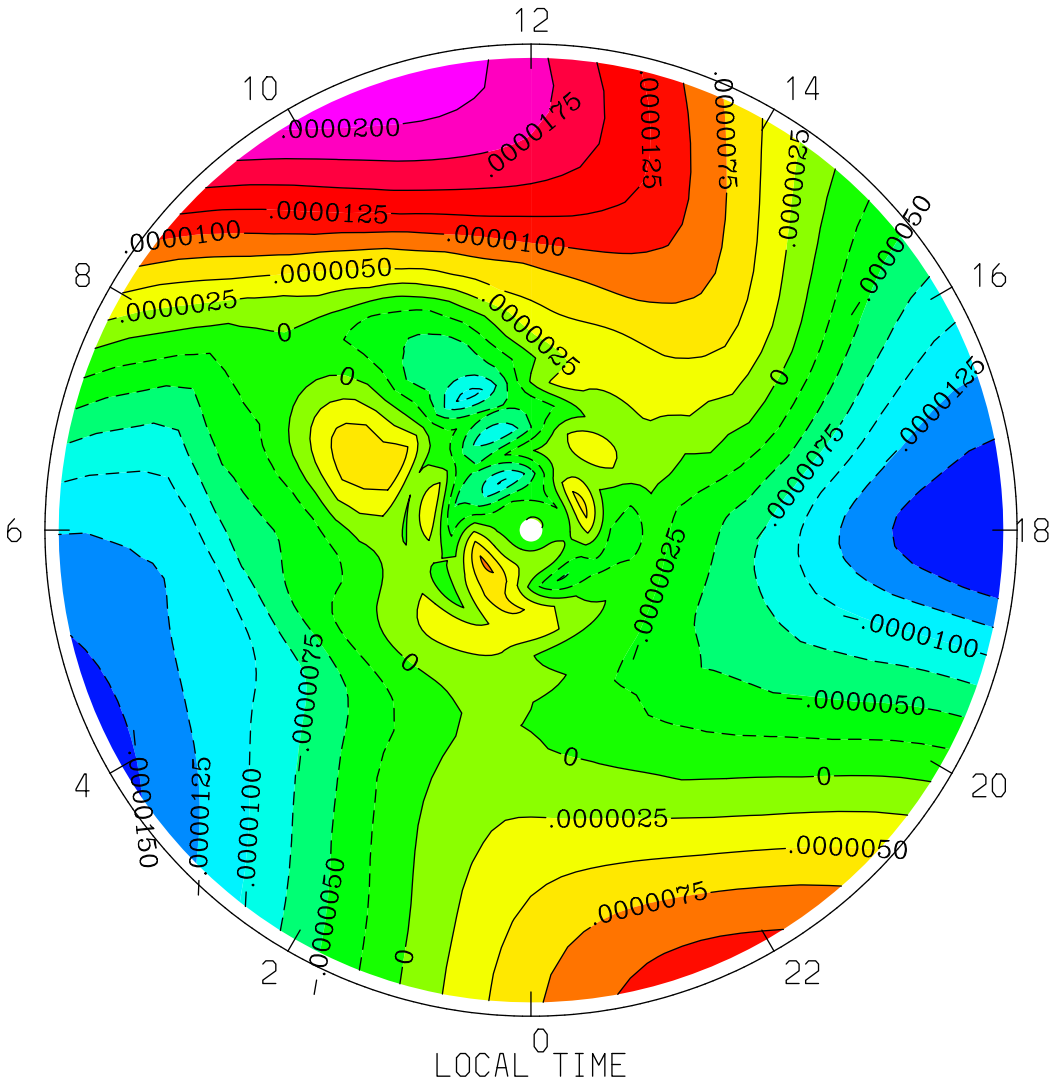


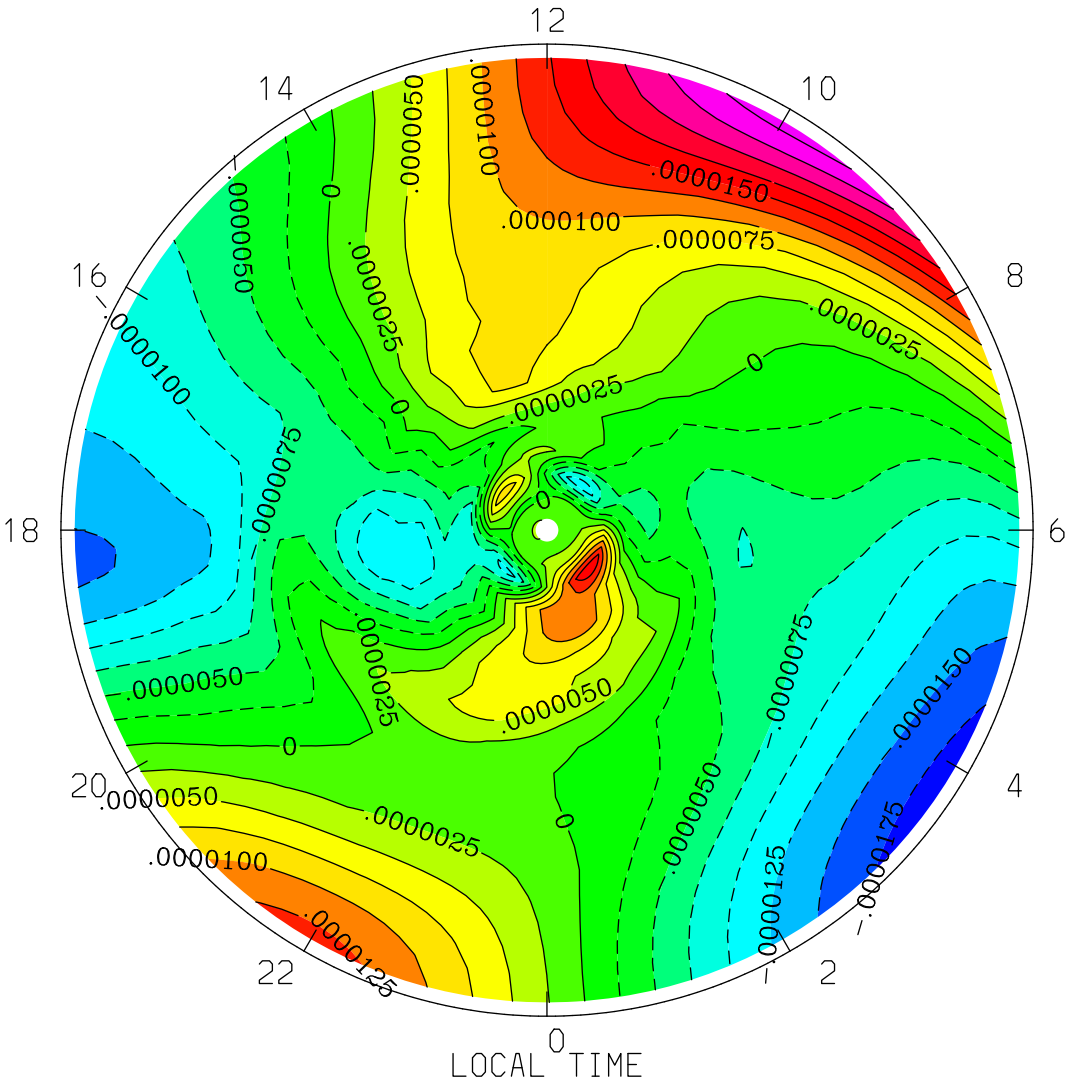
LOCAL TIME

MIN,MAX= -2.9856E-05 2.9696E-05 INTERVAL= 4.0000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_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
0
.000010
.000020
.000030
.000015
.000025
LOCAL TIME
MIN,MAX= -3.5880E-05 3.6434E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


VERTICAL MOTION (S-1)
UT= 0.00 ZP= -4.000 AVE HT= 117.5
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= -2.0876E-05 2.9764E-05 INTERVAL= 4.0000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

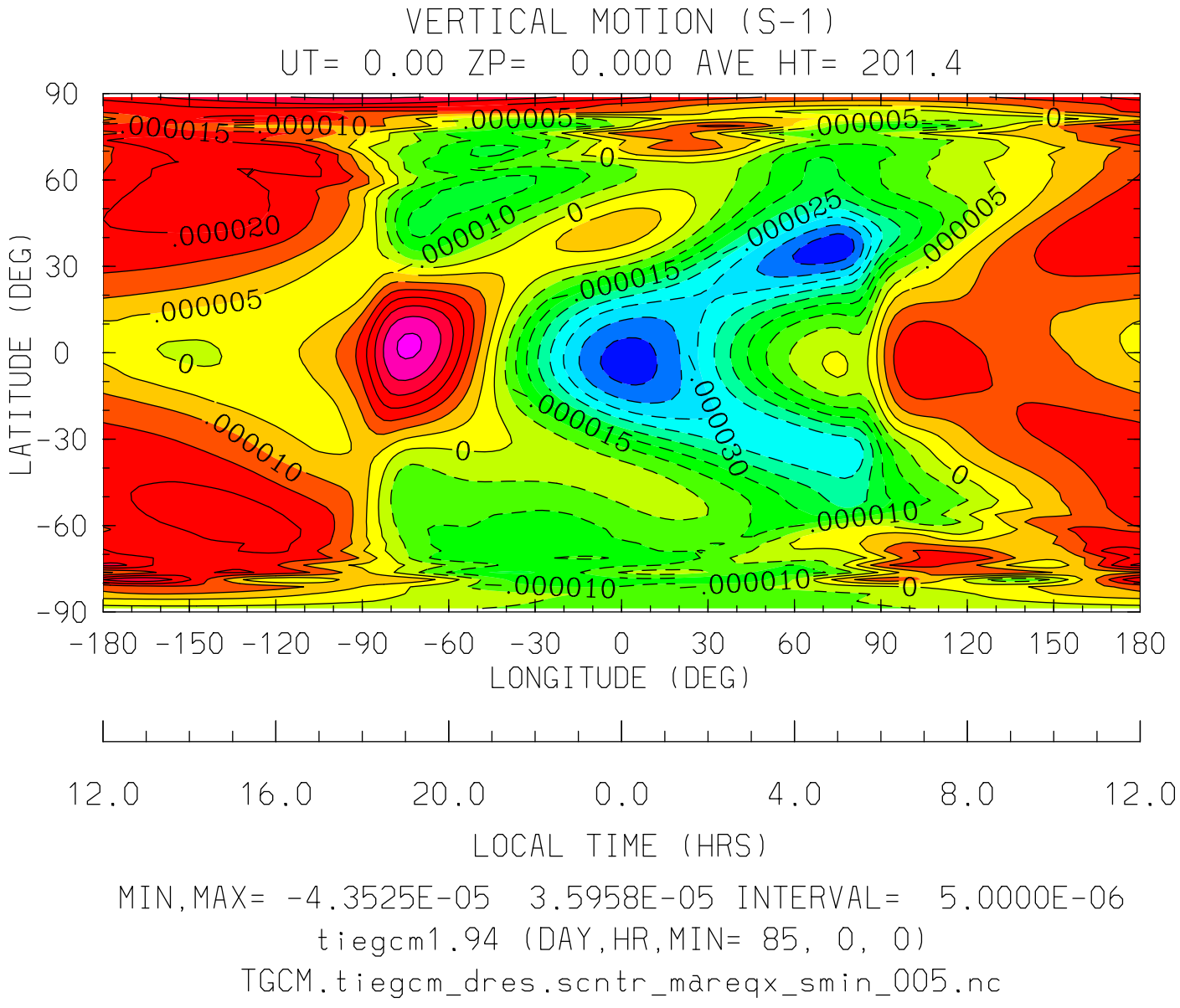

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -4.000 AVE HT= 117.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
.0000200
.0000175
.0000125
.0000075
.0000025
.0000100
.0000050
0
-.0000025
-.0000050
-.0000075
-.0000100
-.0000125
-.0000150
LOCAL TIME
MIN,MAX= -1.7437E-05 2.2168E-05 INTERVAL= 2.5000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

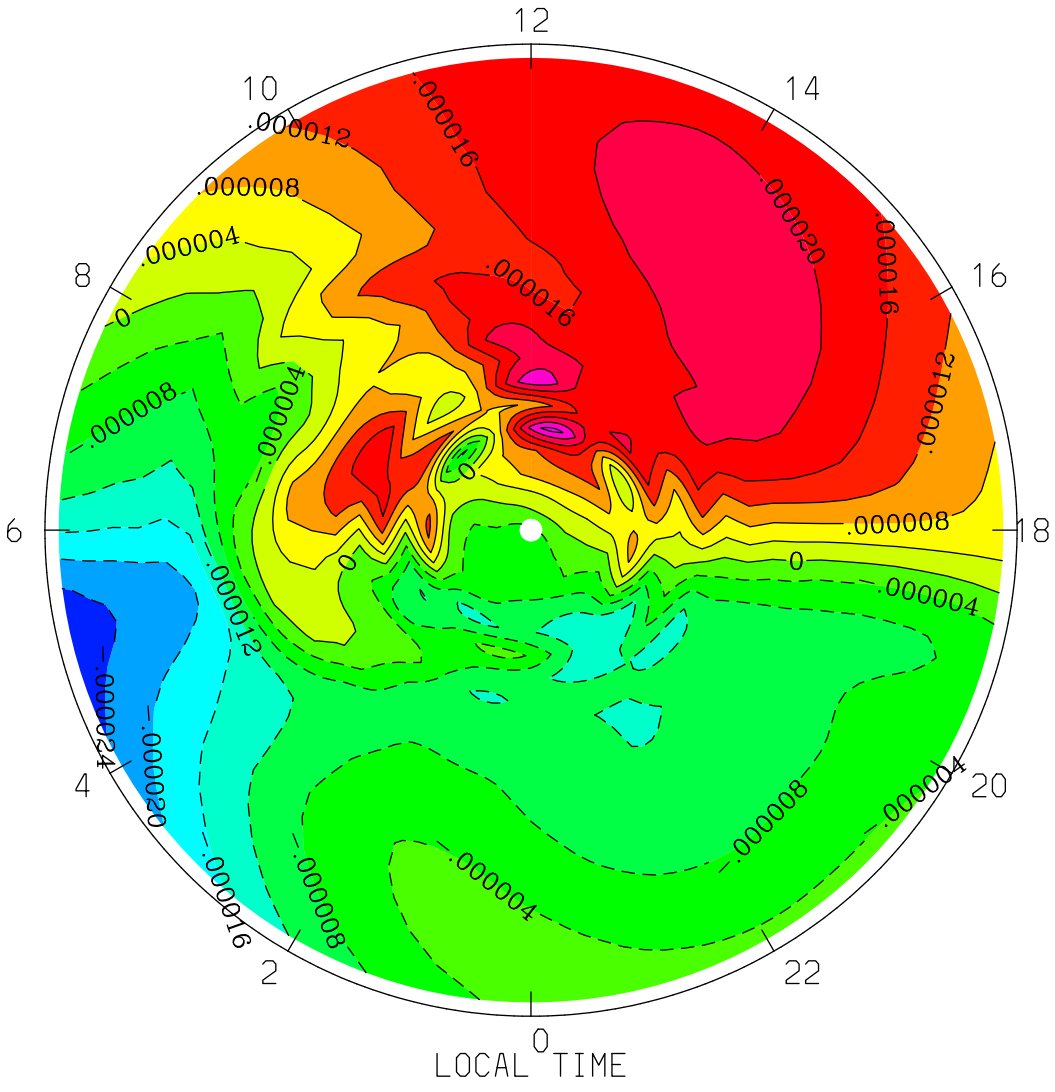


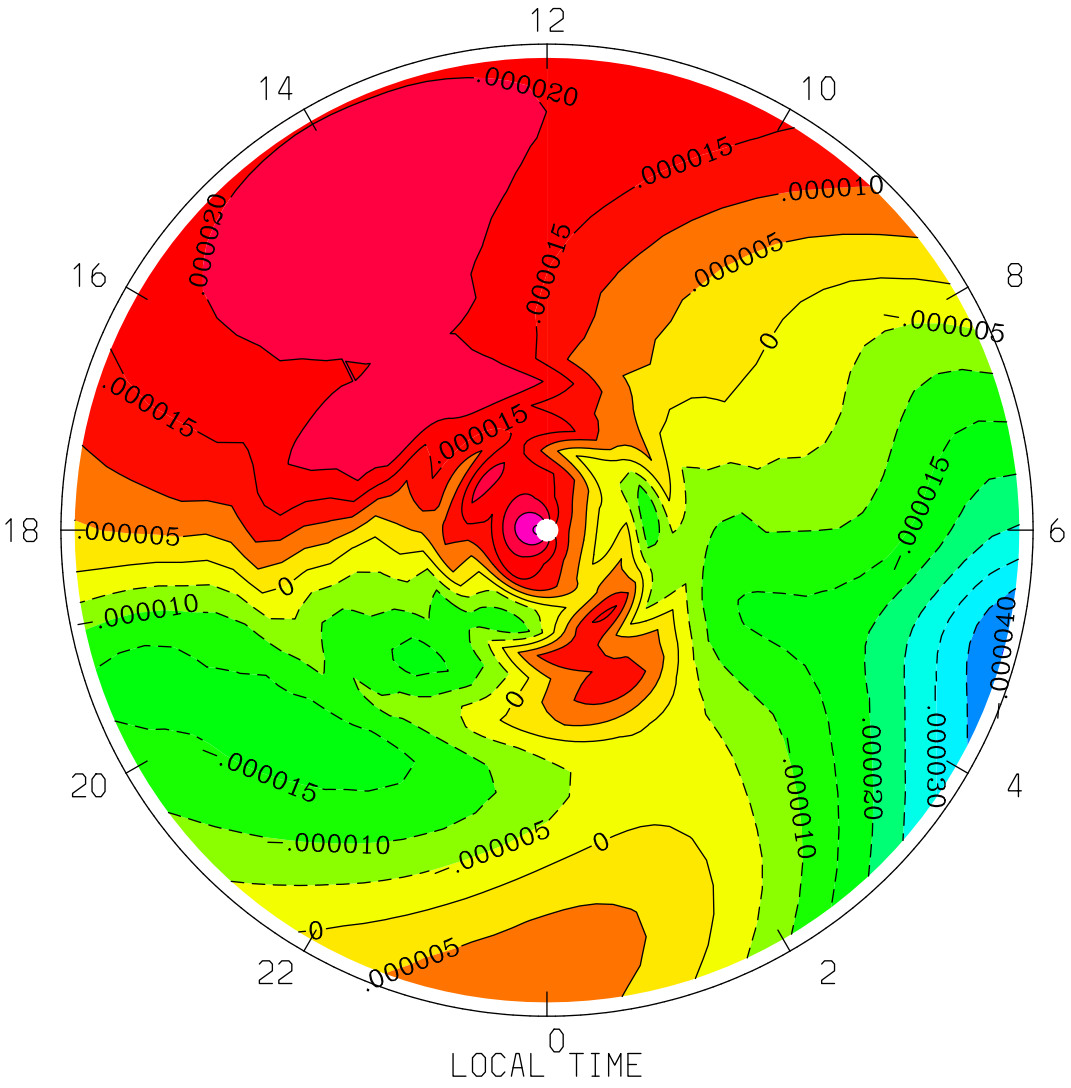
MIN,MAX= -1.8807E-05 2.6125E-05 INTERVAL= 2.5000E-06

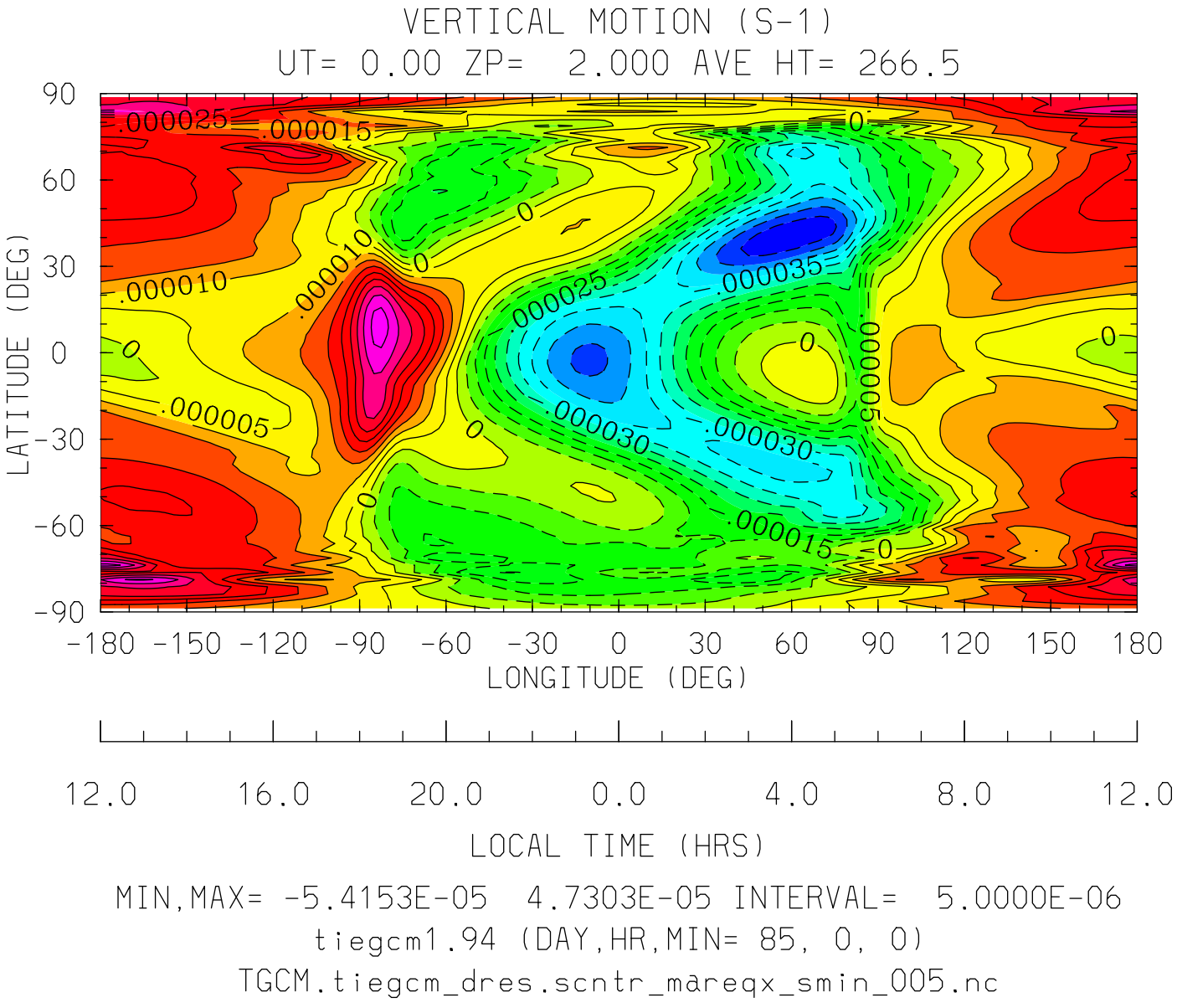
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

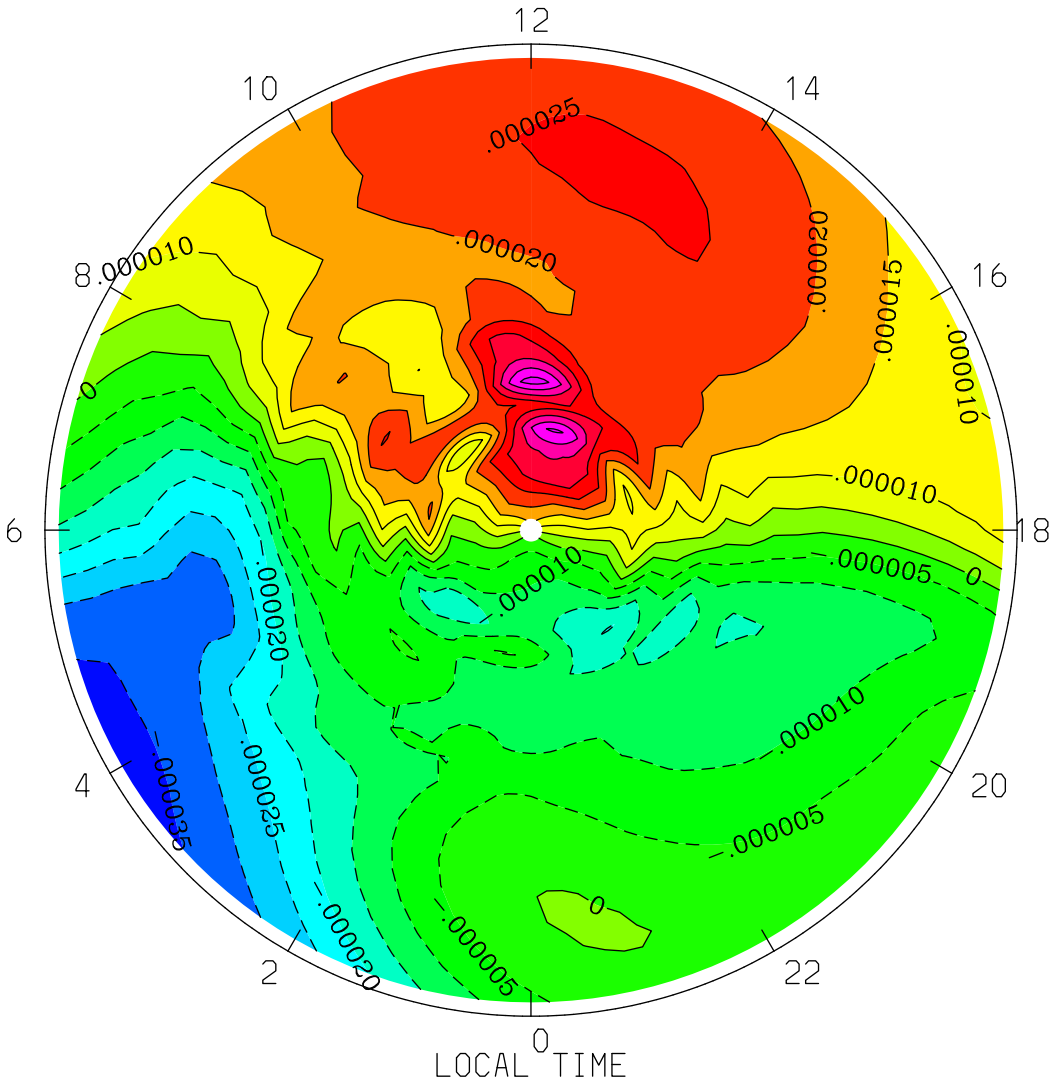
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

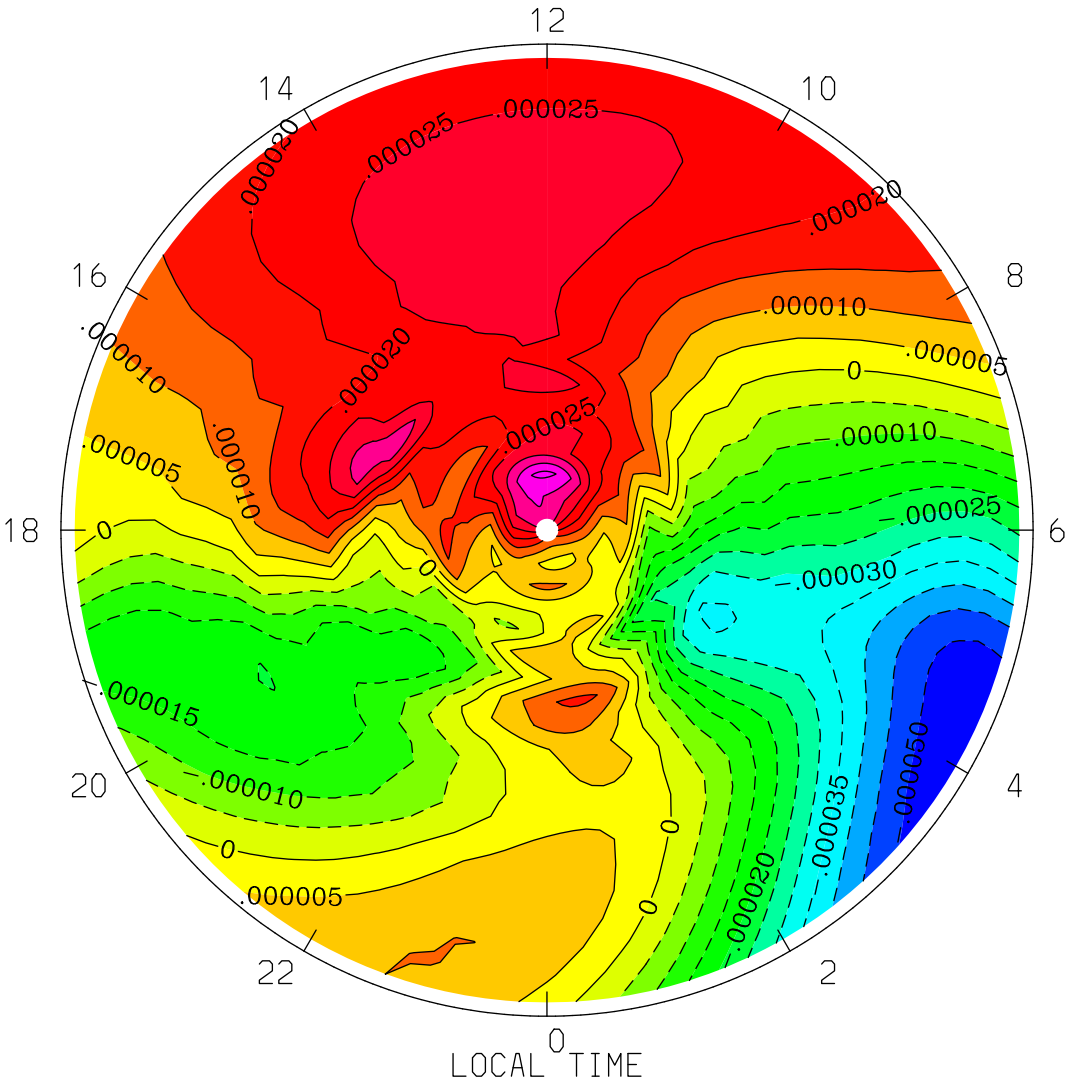

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 201.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
.000015
.000010
.000005
0
.000020
.000025
.000030
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.3525E-05 3.5958E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

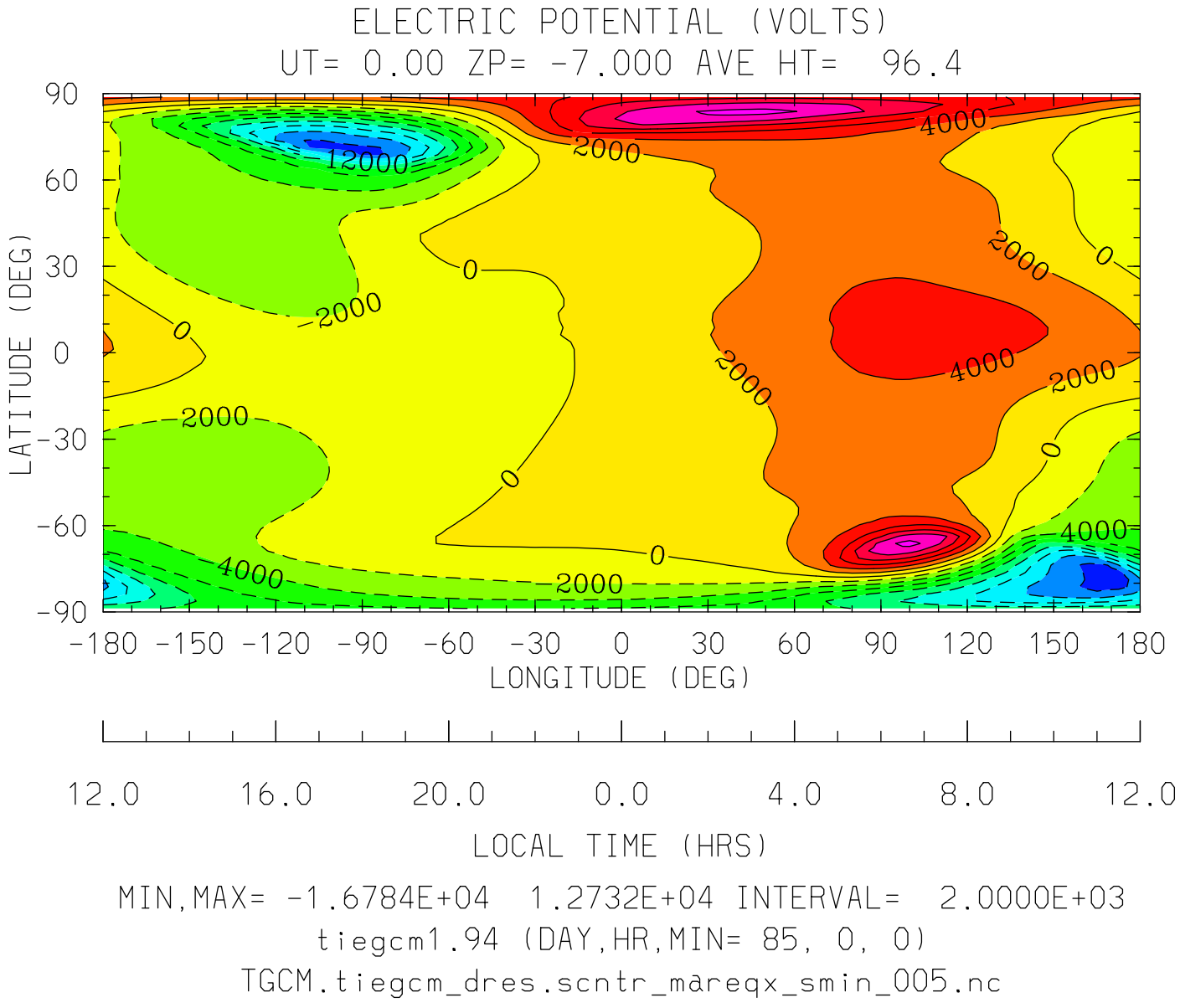

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
.000012
.000016
.000008
.000004
0
.000020
-.000008
-.000004
-.000012
-.000024
-.000020
-.000016
MIN,MAX= -2.6521E-05 2.9234E-05 INTERVAL= 4.0000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

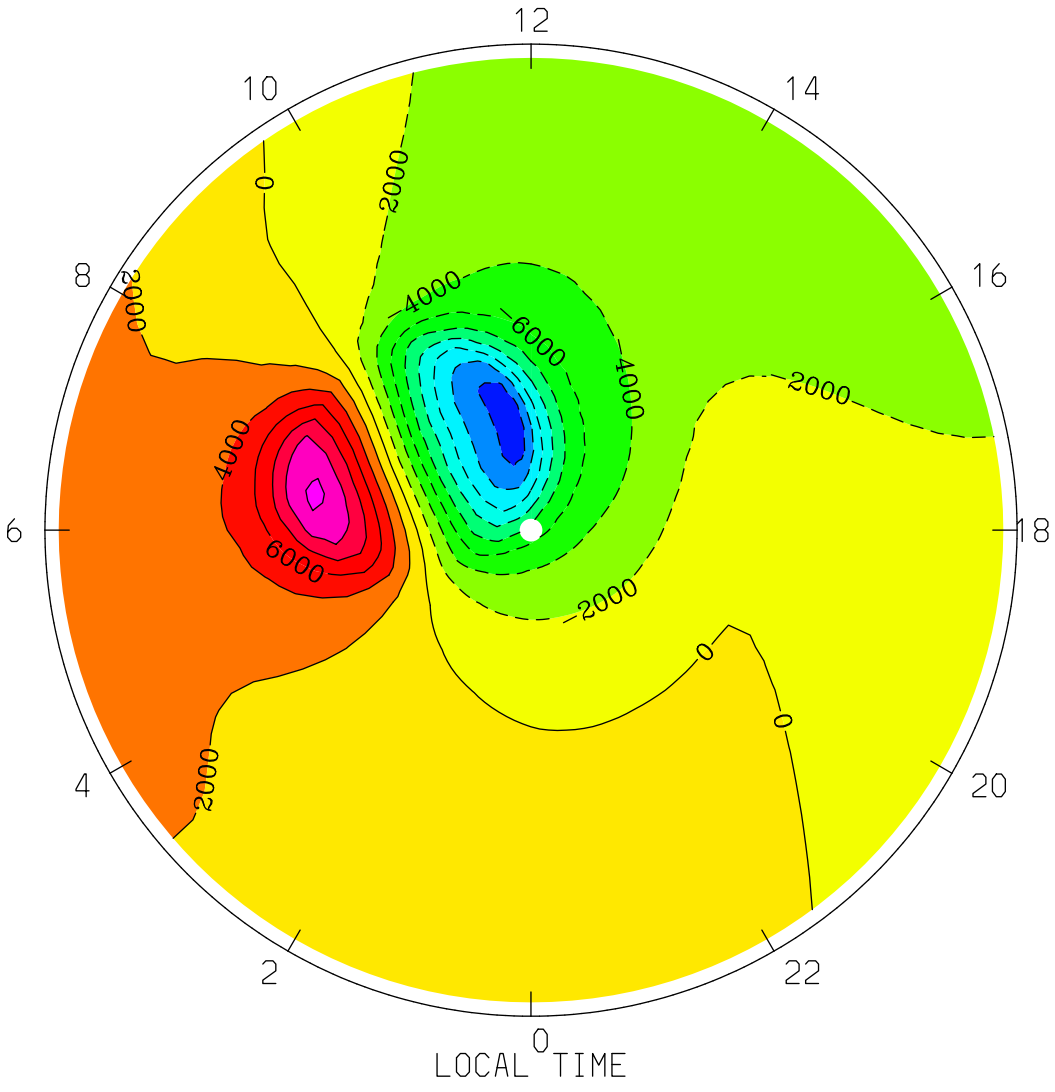

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
.000020
.000015
.000010
.000005
0
-.000005
-.000015
-.000020
-.000030
-.000040
LOCAL TIME
MIN,MAX= -4.0162E-05 3.0702E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

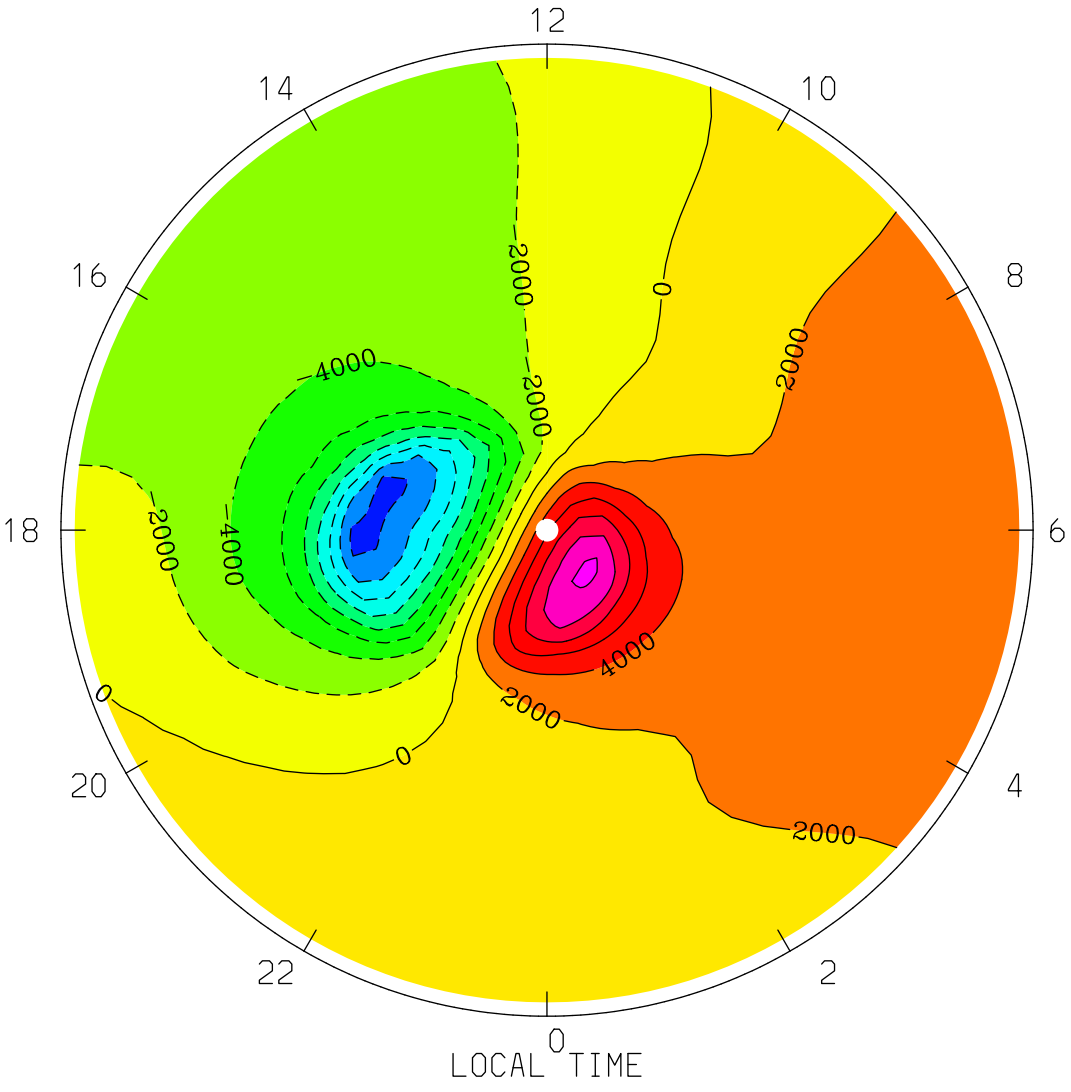

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 2.000 AVE HT= 266.5
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
.000025
.000015
0
.000010
.000035
.000005
.000030
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.4153E-05 4.7303E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

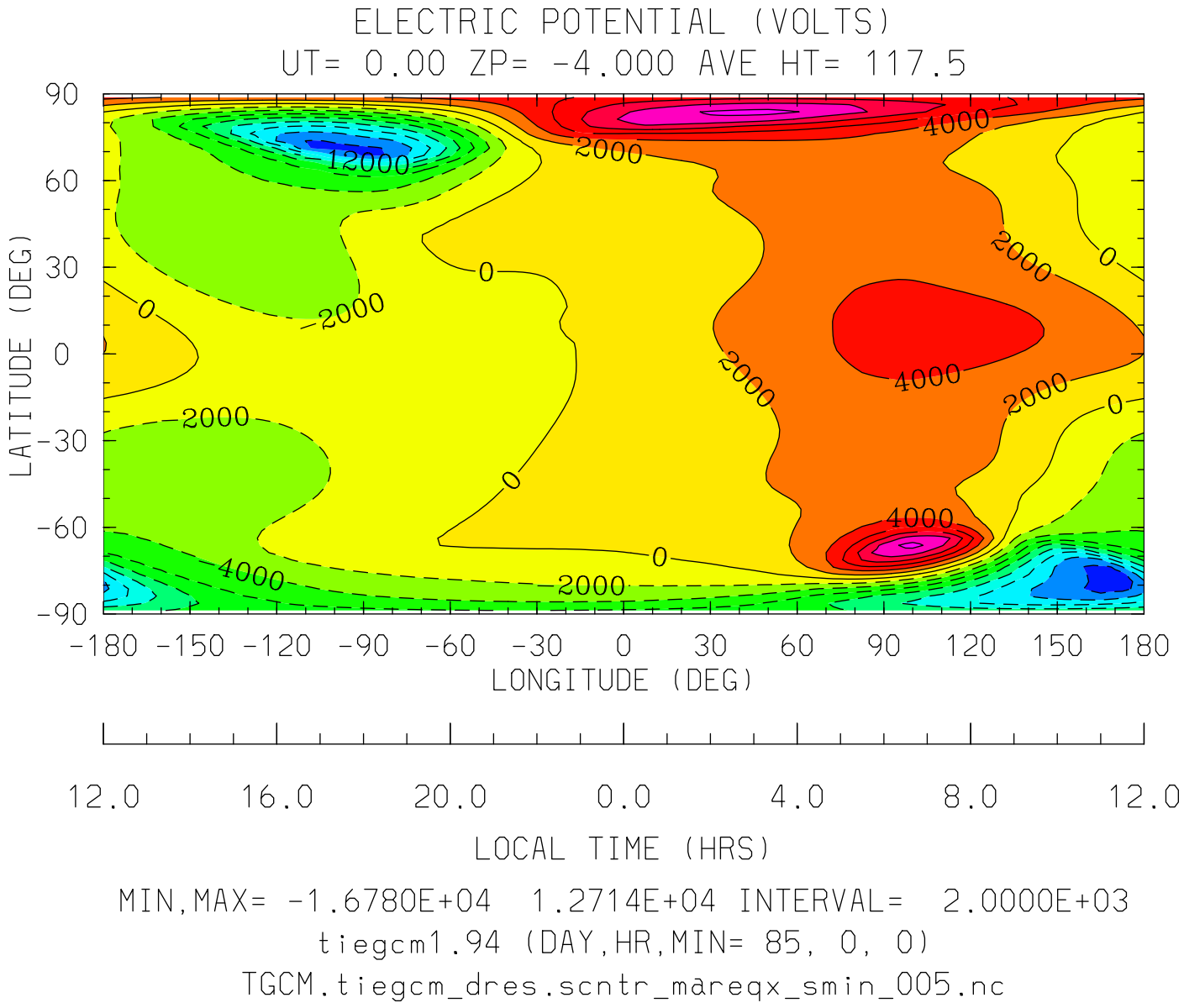

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 2.000 AVE HT= 266.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
.000025
.000020
.000015
.000010
.000005
0
-.000005
-.000010
-.000020
-.000025
-.000035
LOCAL TIME
MIN,MAX= -3.6829E-05 4.7303E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


VERTICAL MOTION (S-1)
UT= 0.00 ZP= 2.000 AVE HT= 266.5 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
.000025
.000020
.000010
.000005
0
.000015
.000030
.000035
.000040
LOCAL TIME
MIN,MAX= -5.4153E-05 4.1272E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
12000
4000
2000
0
-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= -1.6784E+04 1.2732E+04 INTERVAL= 2.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_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
0
2000
4000
6000
MIN,MAX= -1.6784E+04 1.2732E+04 INTERVAL= 2.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

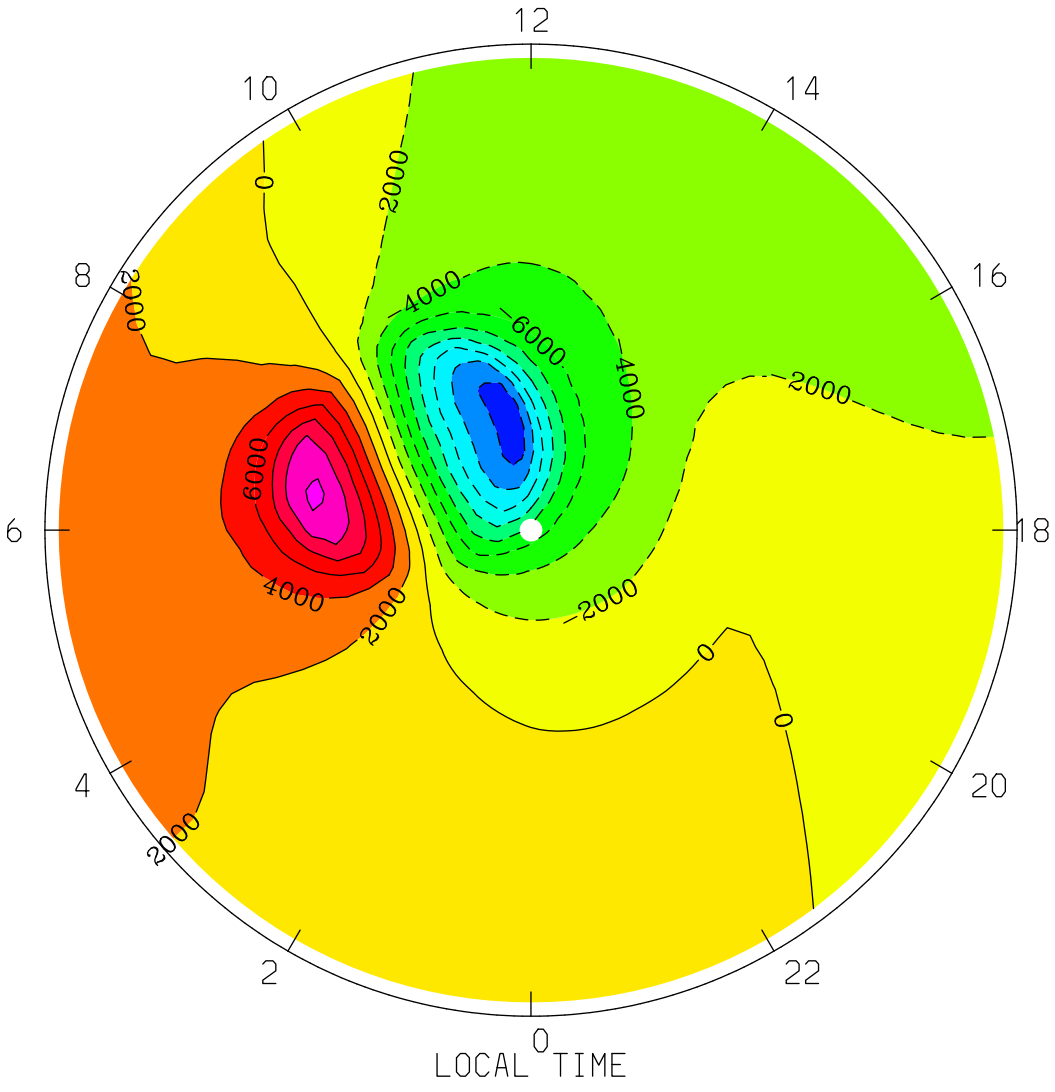

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
-4000
-2000
0
2000
4000
MIN,MAX= -1.6594E+04 1.2694E+04 INTERVAL= 2.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

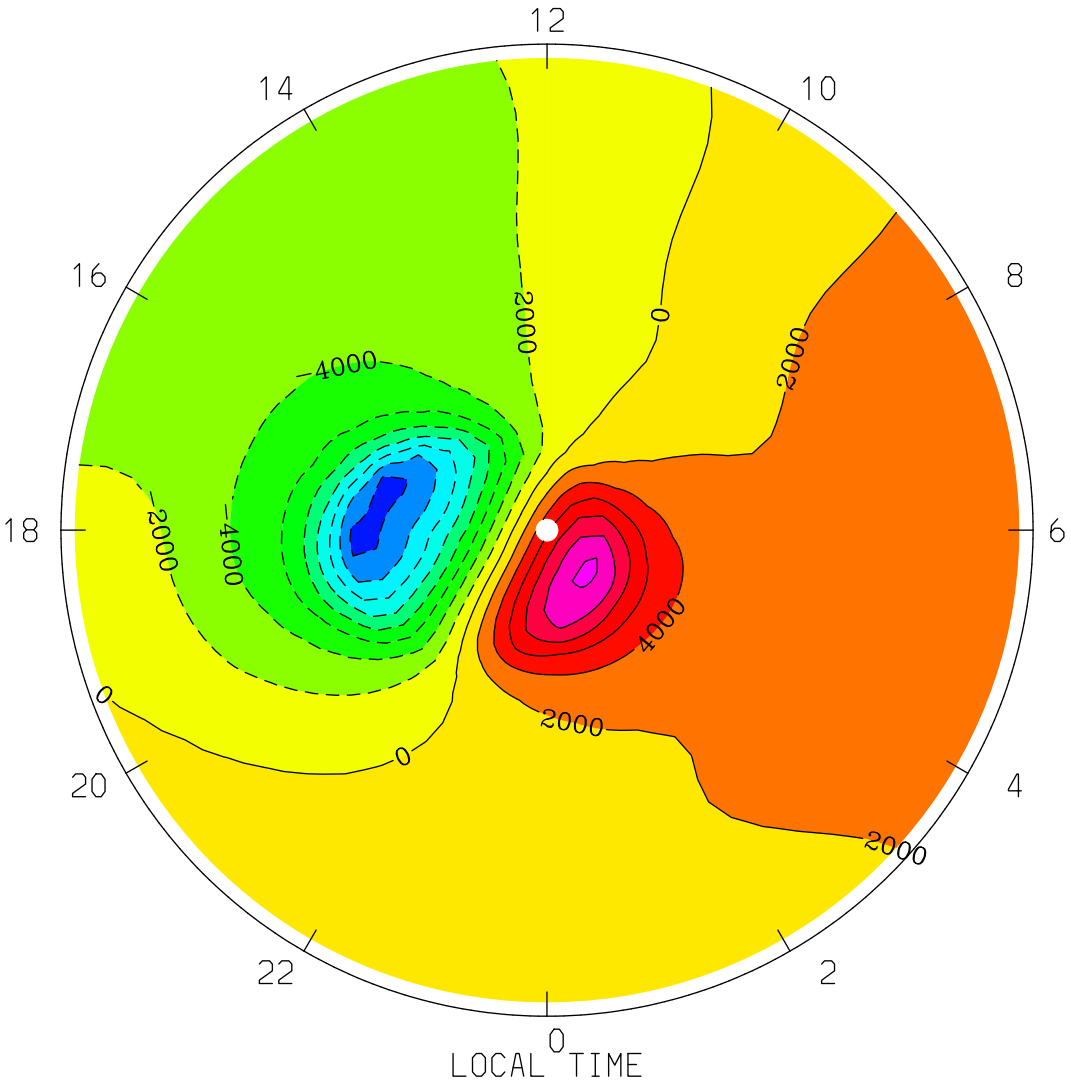


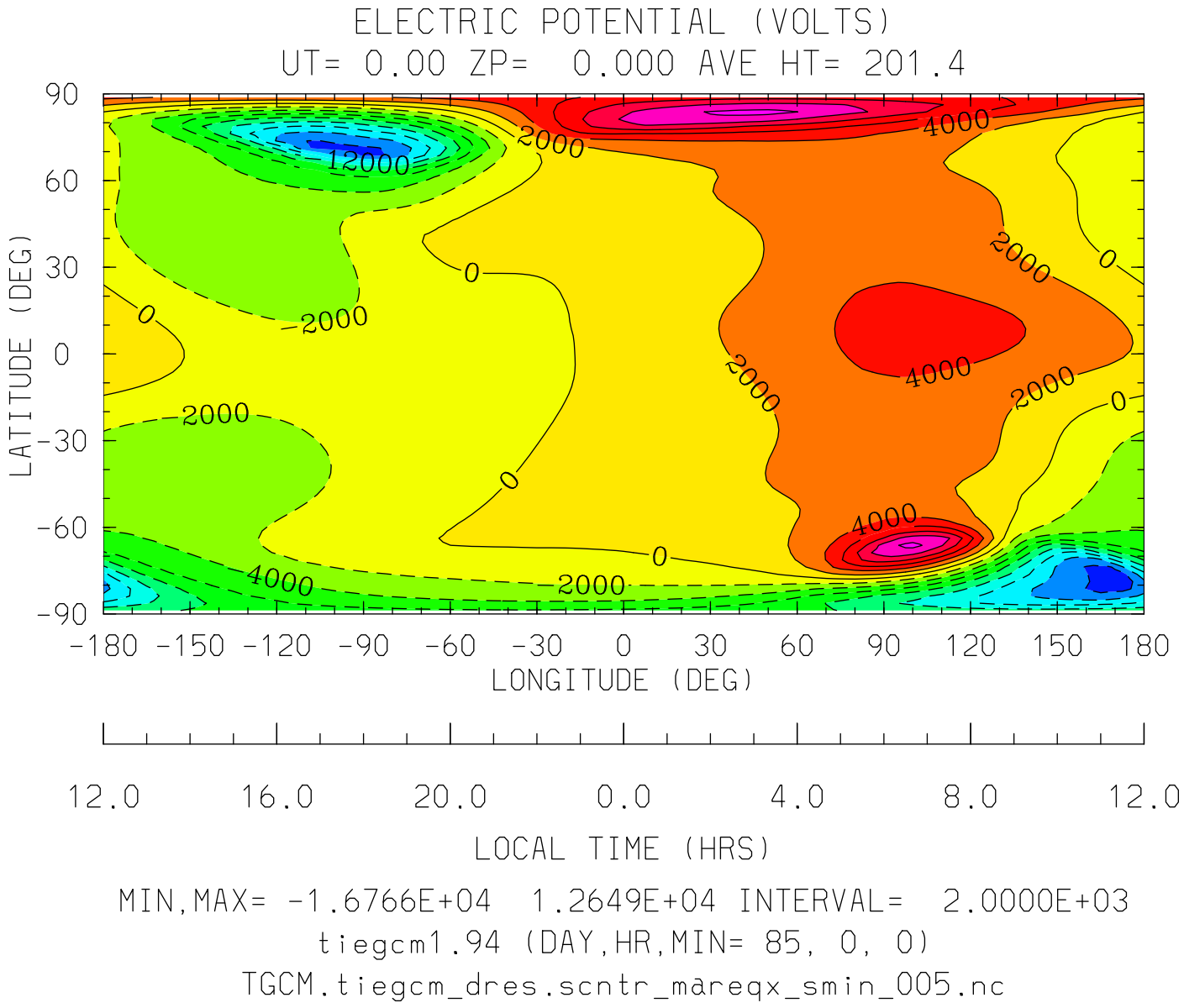
MIN,MAX= -1.6780E+04 1.2714E+04 INTERVAL= 2.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -4.000 AVE HT= 117.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
2000
4000
6000
MIN,MAX= -1.6780E+04 1.2714E+04 INTERVAL= 2.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

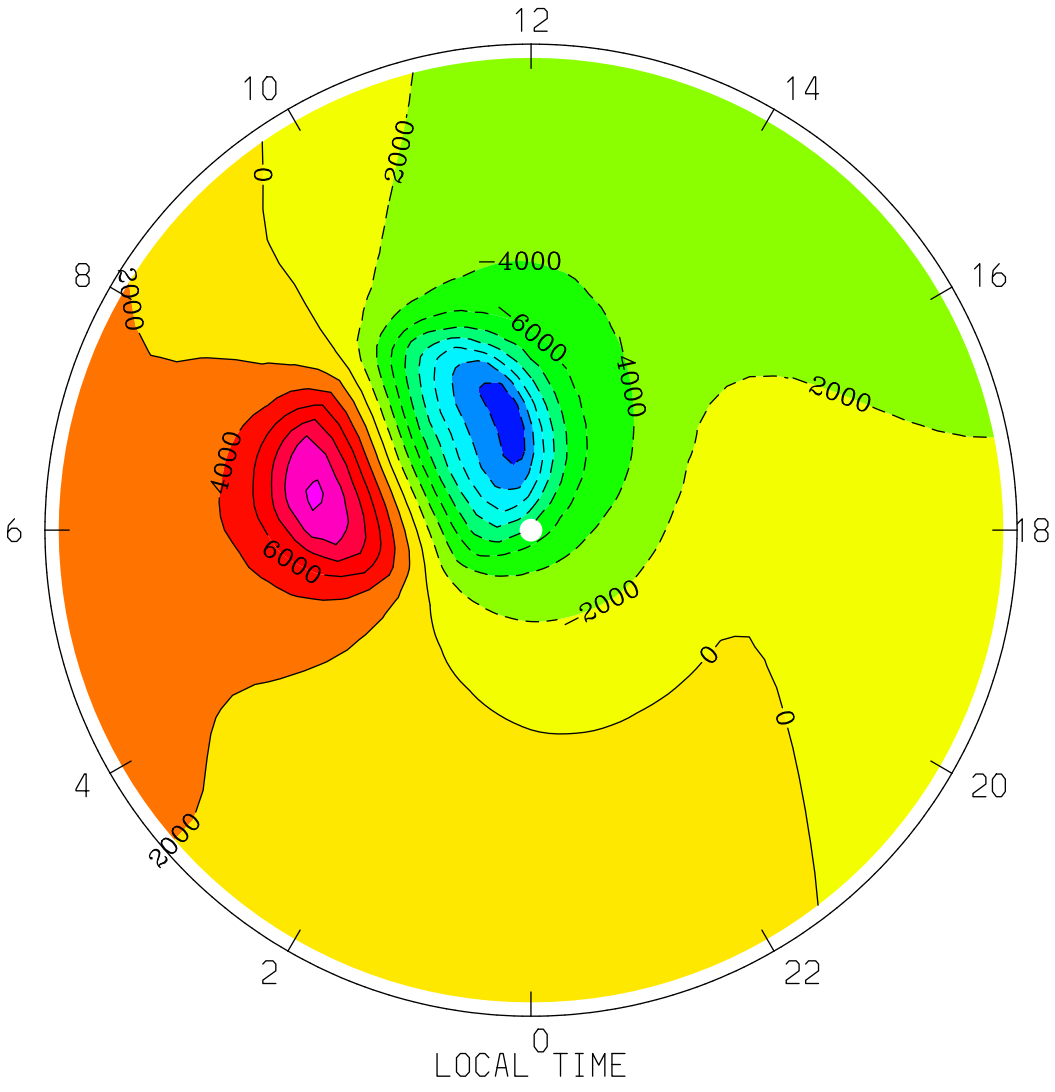

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -4.000 AVE HT= 117.5 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
-4000
-2000
0
2000
4000
MIN,MAX= -1.6588E+04 1.2678E+04 INTERVAL= 2.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= -1.6766E+04 1.2649E+04 INTERVAL= 2.0000E+03

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

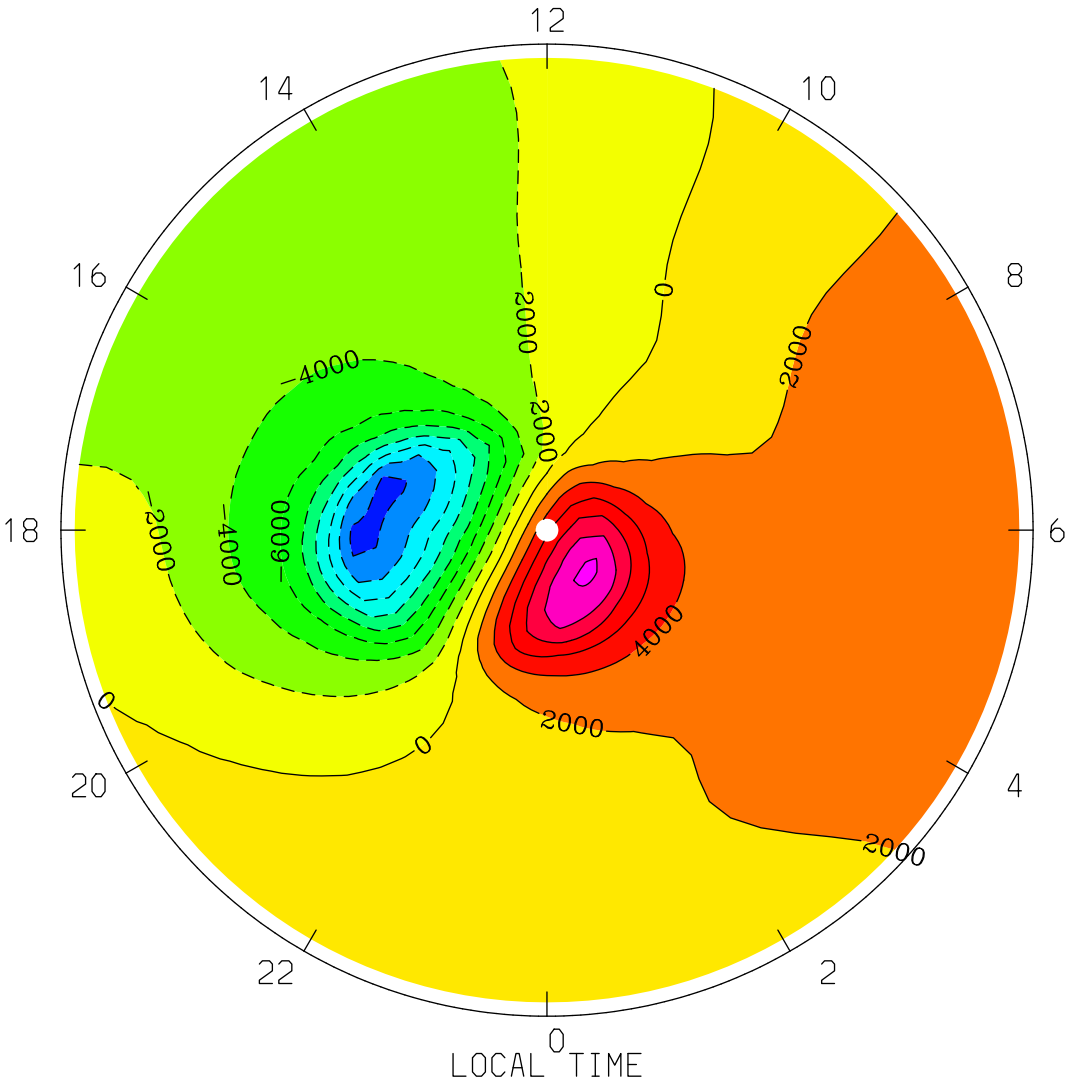
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

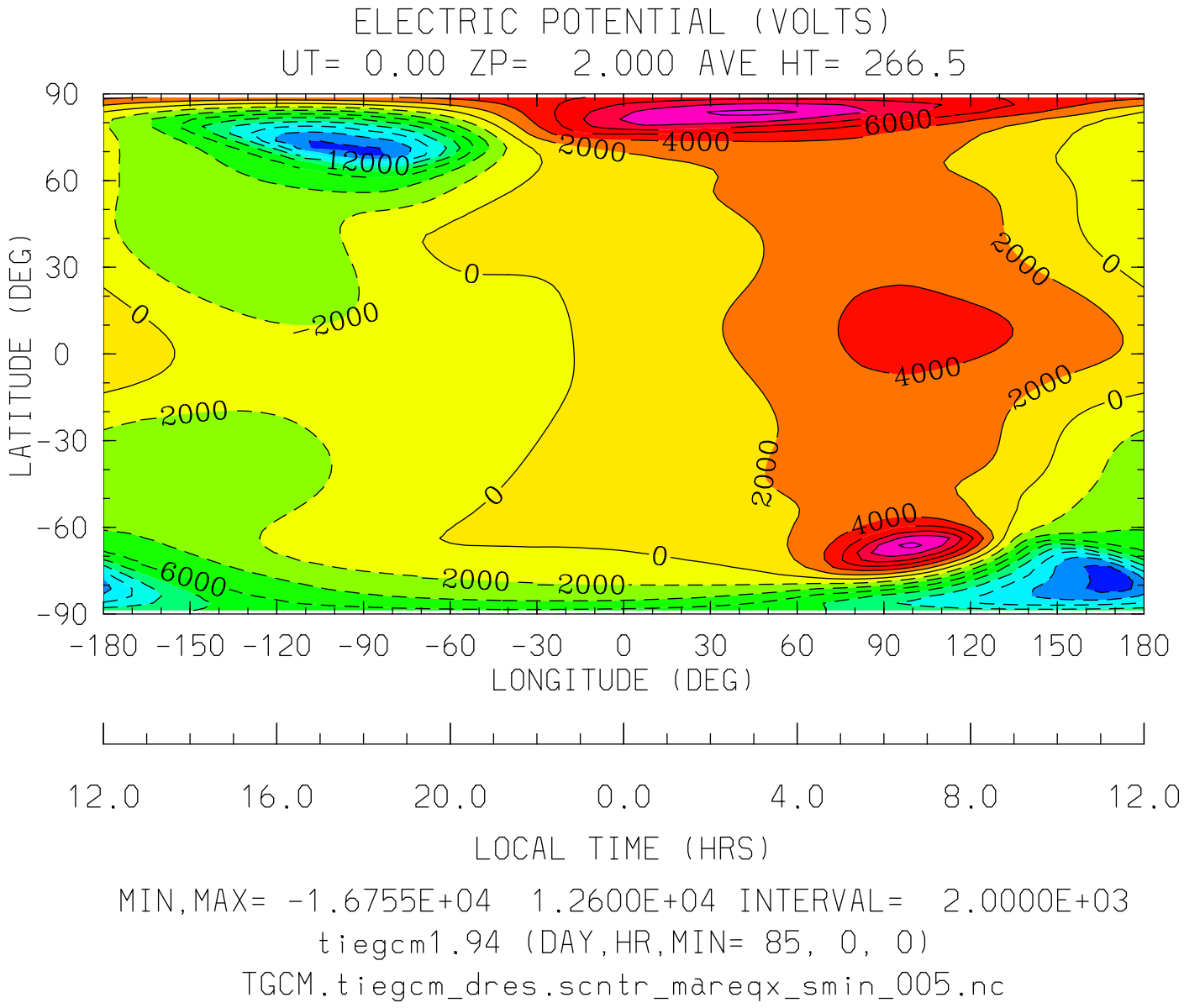


MIN,MAX= -1.6766E+04 1.2649E+04 INTERVAL= 2.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

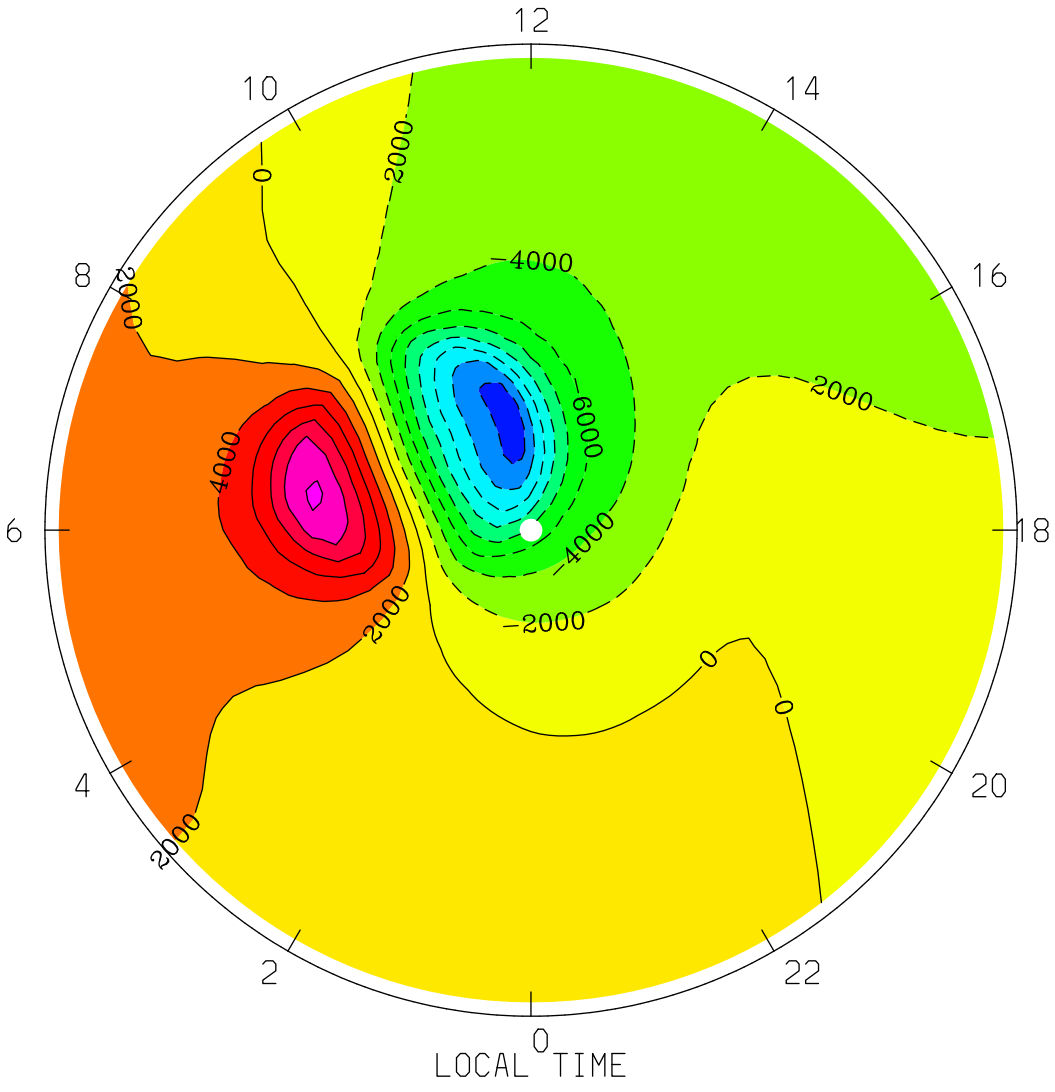

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
-4000
-2000
0
2000
-6000
MIN,MAX= -1.6569E+04 1.2617E+04 INTERVAL= 2.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

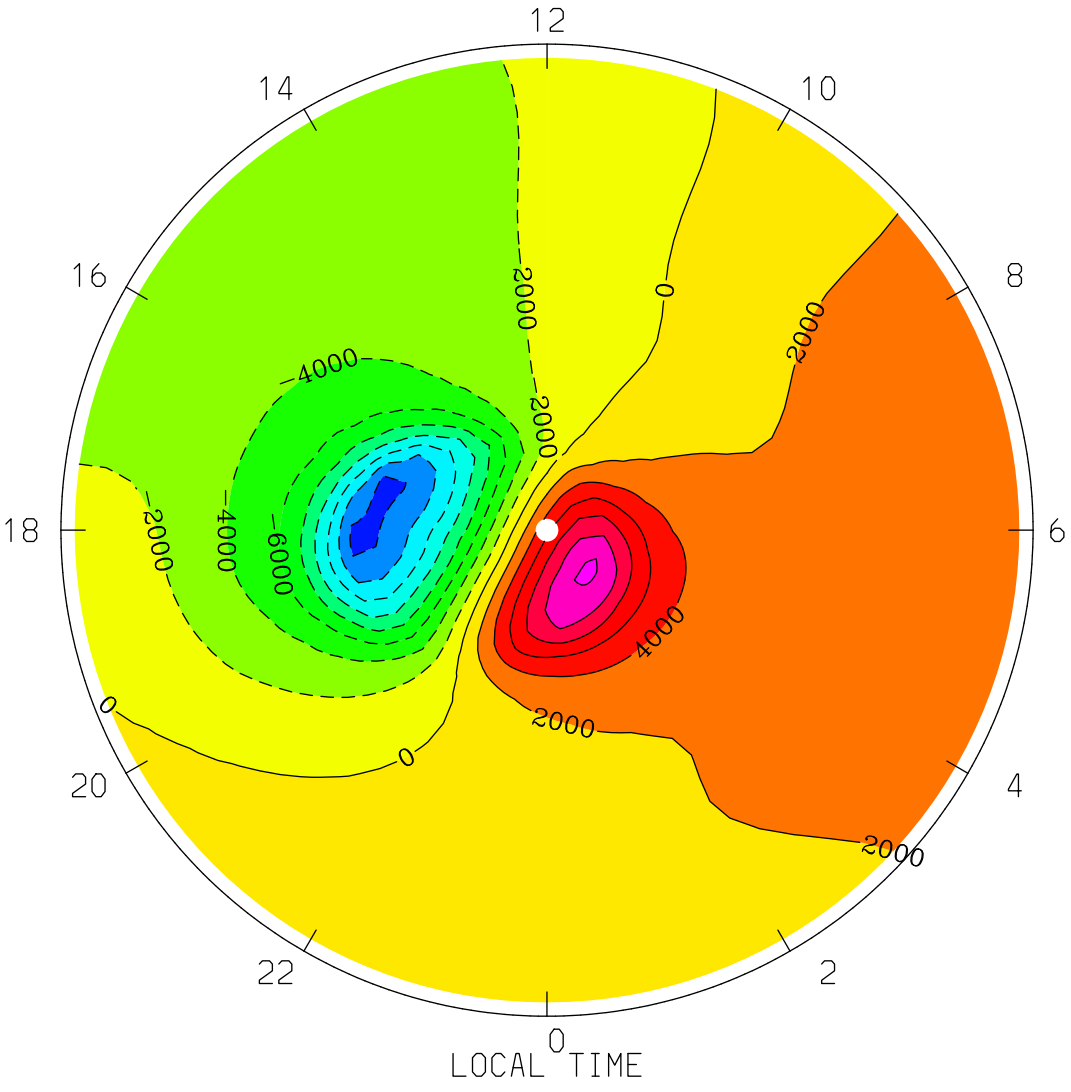


MIN,MAX= -1.6755E+04 1.2600E+04 INTERVAL= 2.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

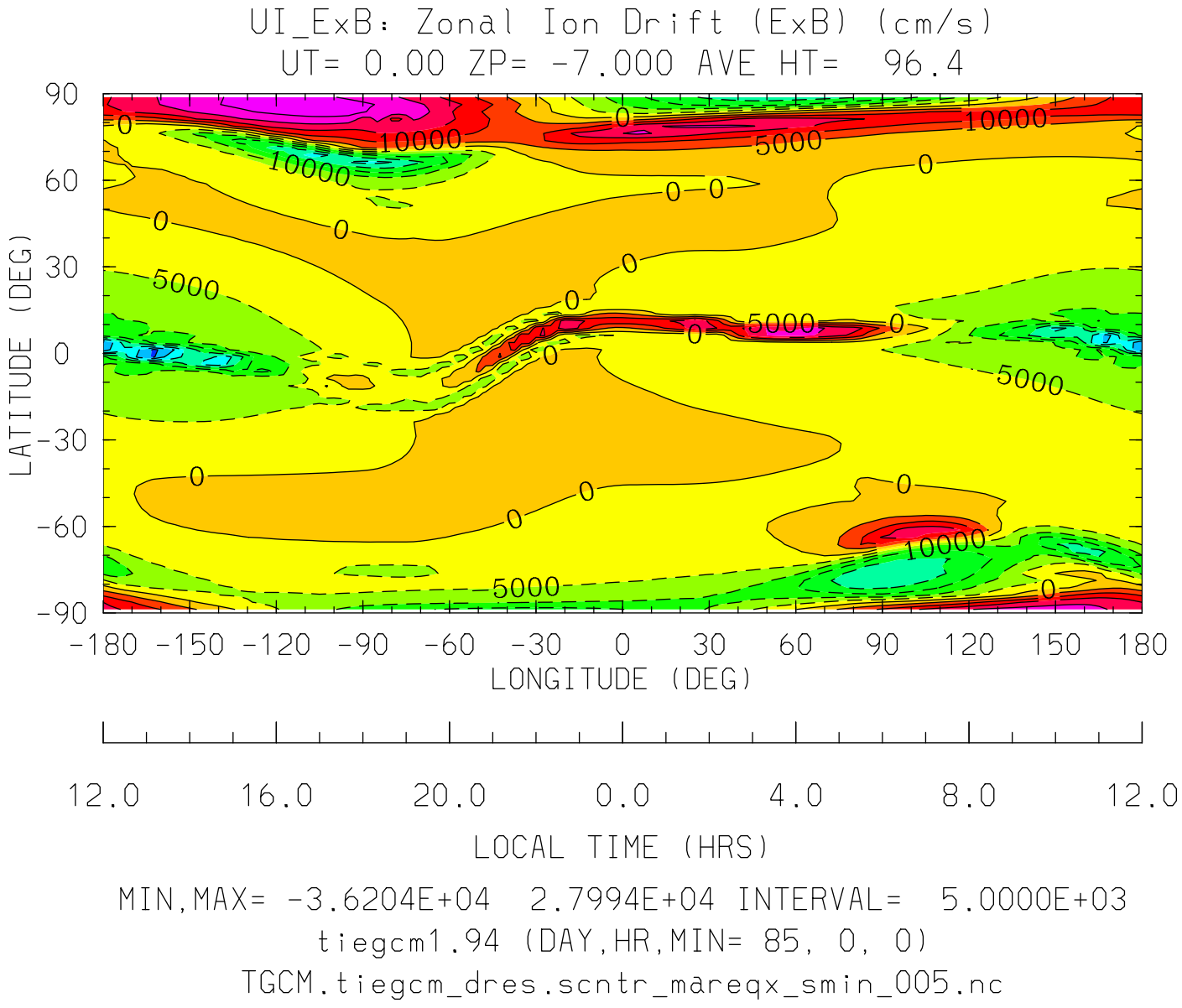

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 2.000 AVE HT= 266.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
-2000
0
2000
4000
6000
-4000
MIN,MAX= -1.6755E+04 1.2600E+04 INTERVAL= 2.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

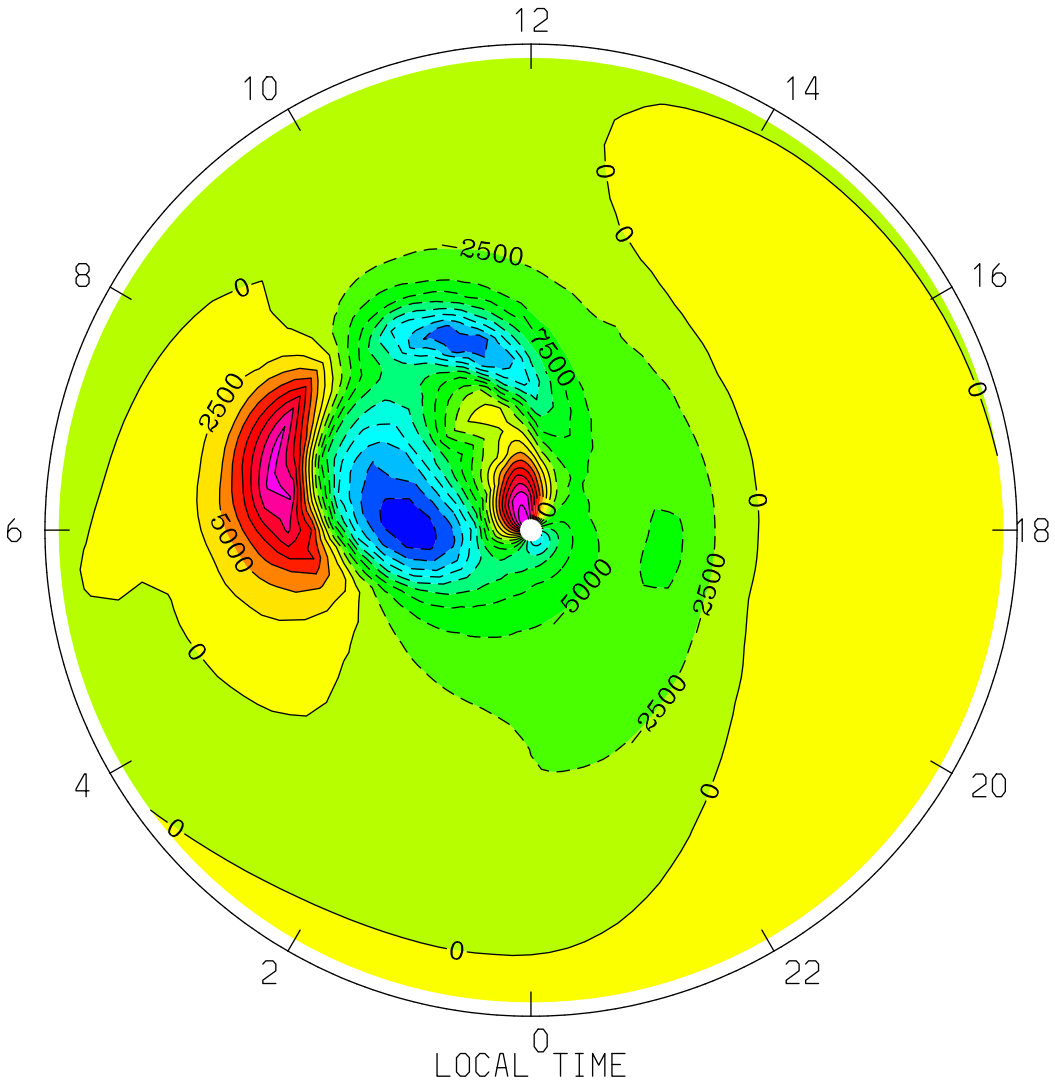


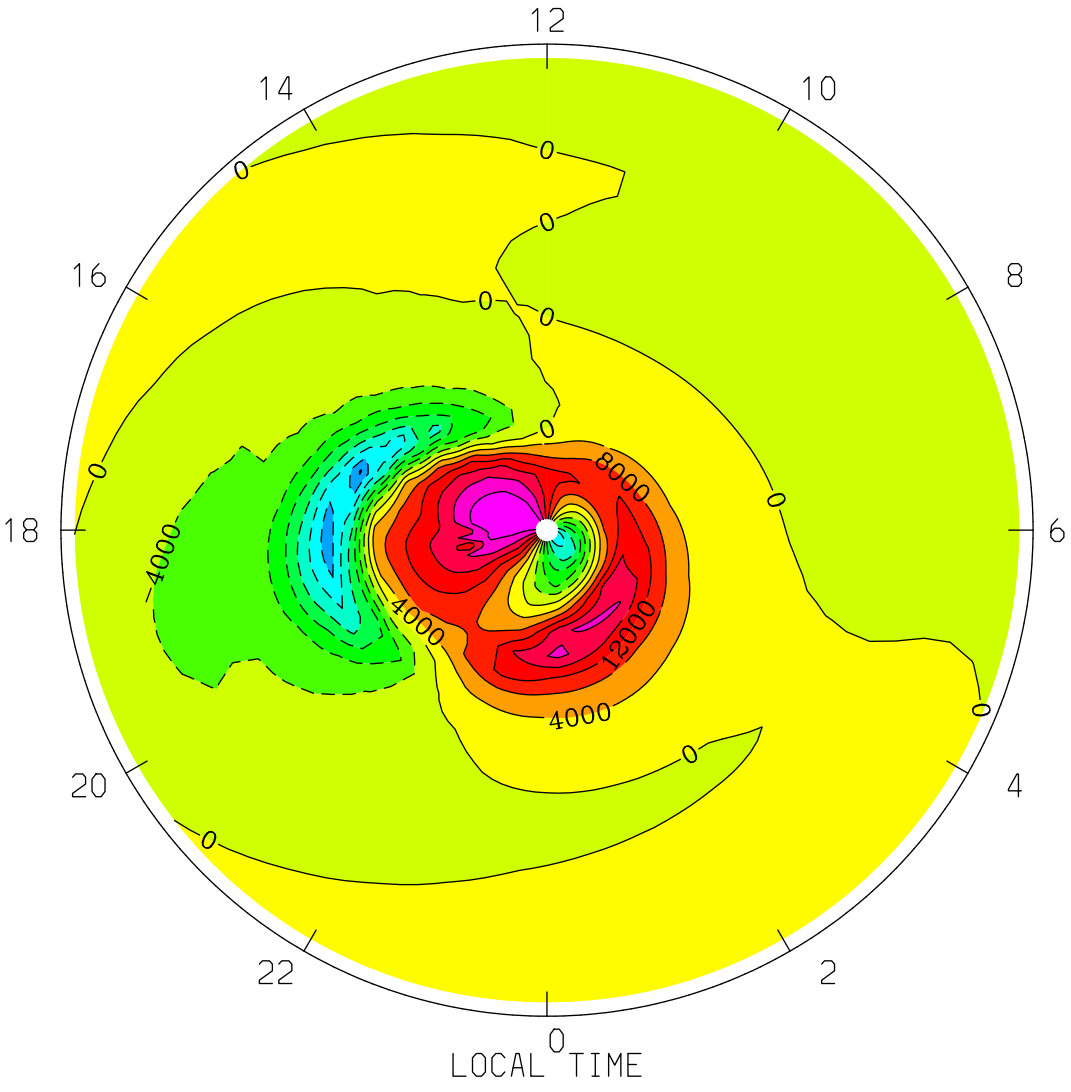
MIN,MAX= -1.6554E+04 1.2572E+04 INTERVAL= 2.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_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= -3.6204E+04 2.7994E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

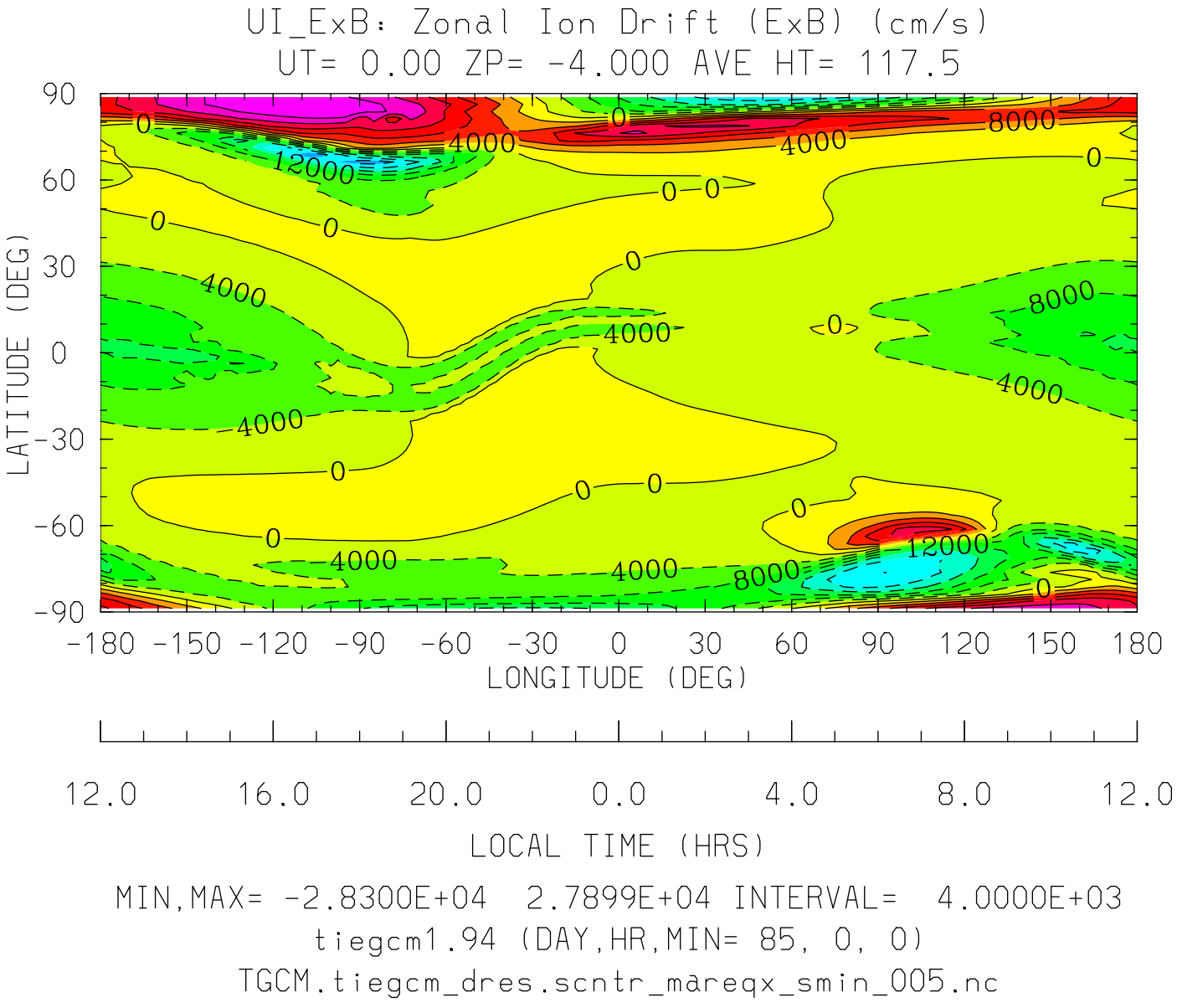

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
2500
5000
7500
MIN,MAX= -2.4082E+04 2.2510E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

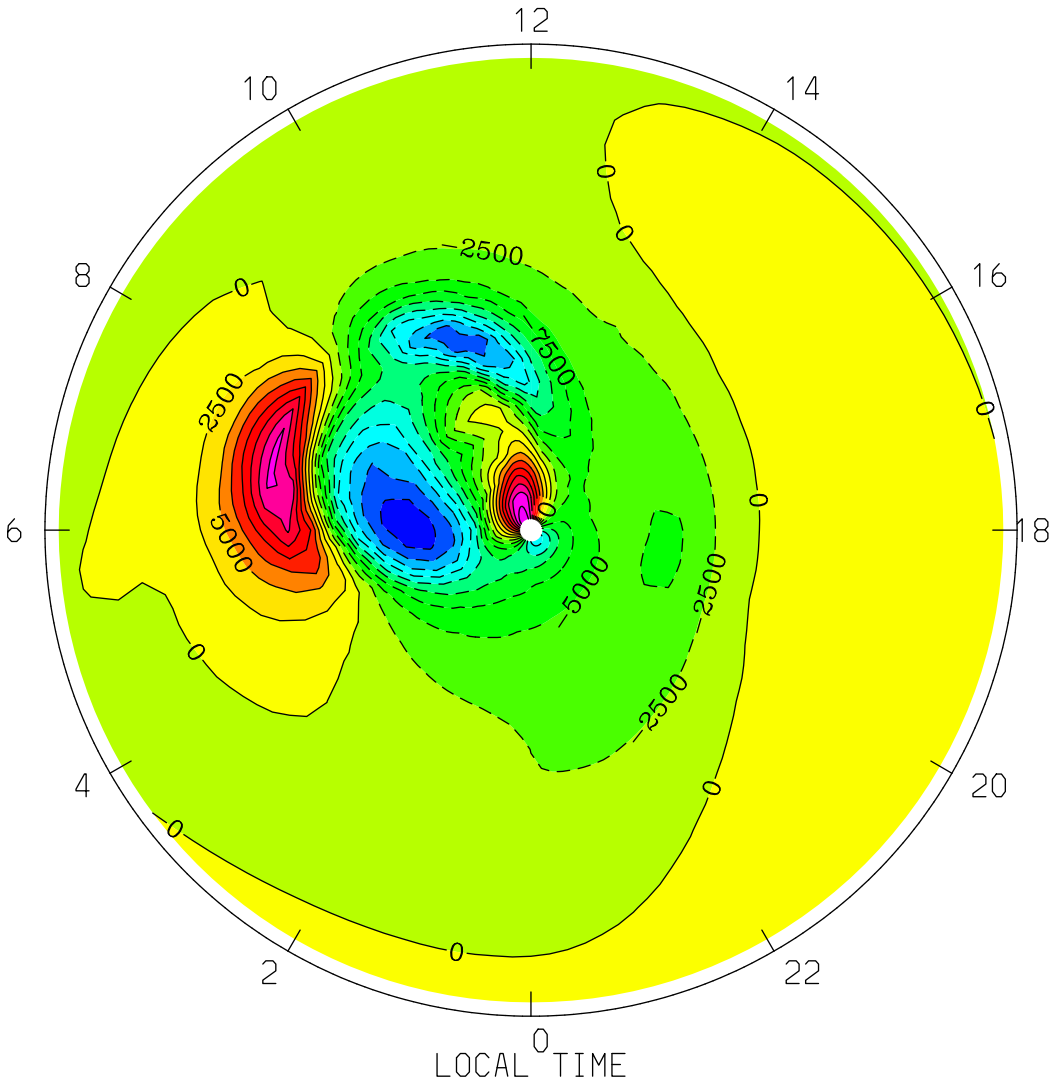


MIN,MAX= -2.8536E+04 2.7994E+04 INTERVAL= 4.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

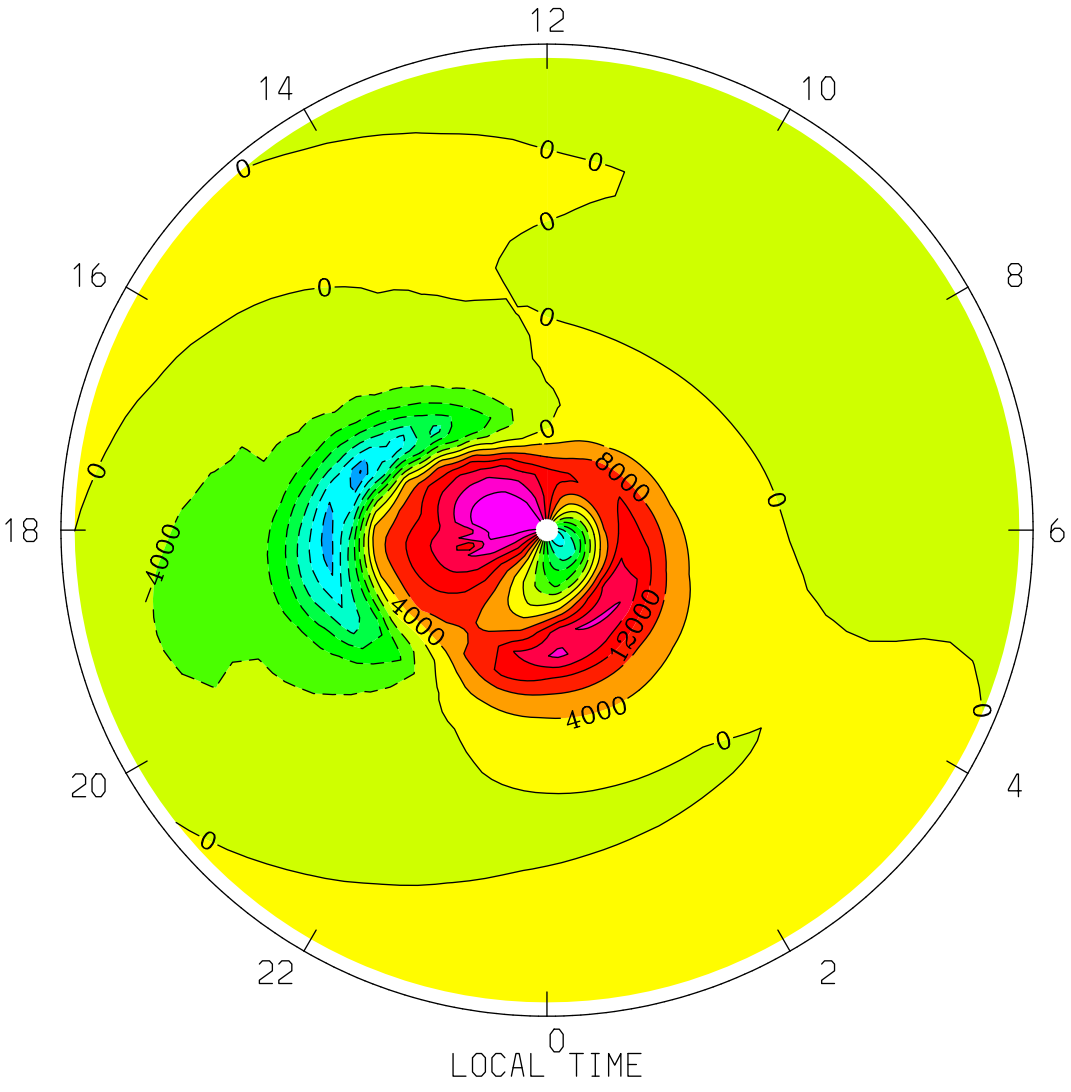

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 117.5
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.8300E+04 2.7899E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= -2.4007E+04 2.2372E+04 INTERVAL= 2.5000E+03

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

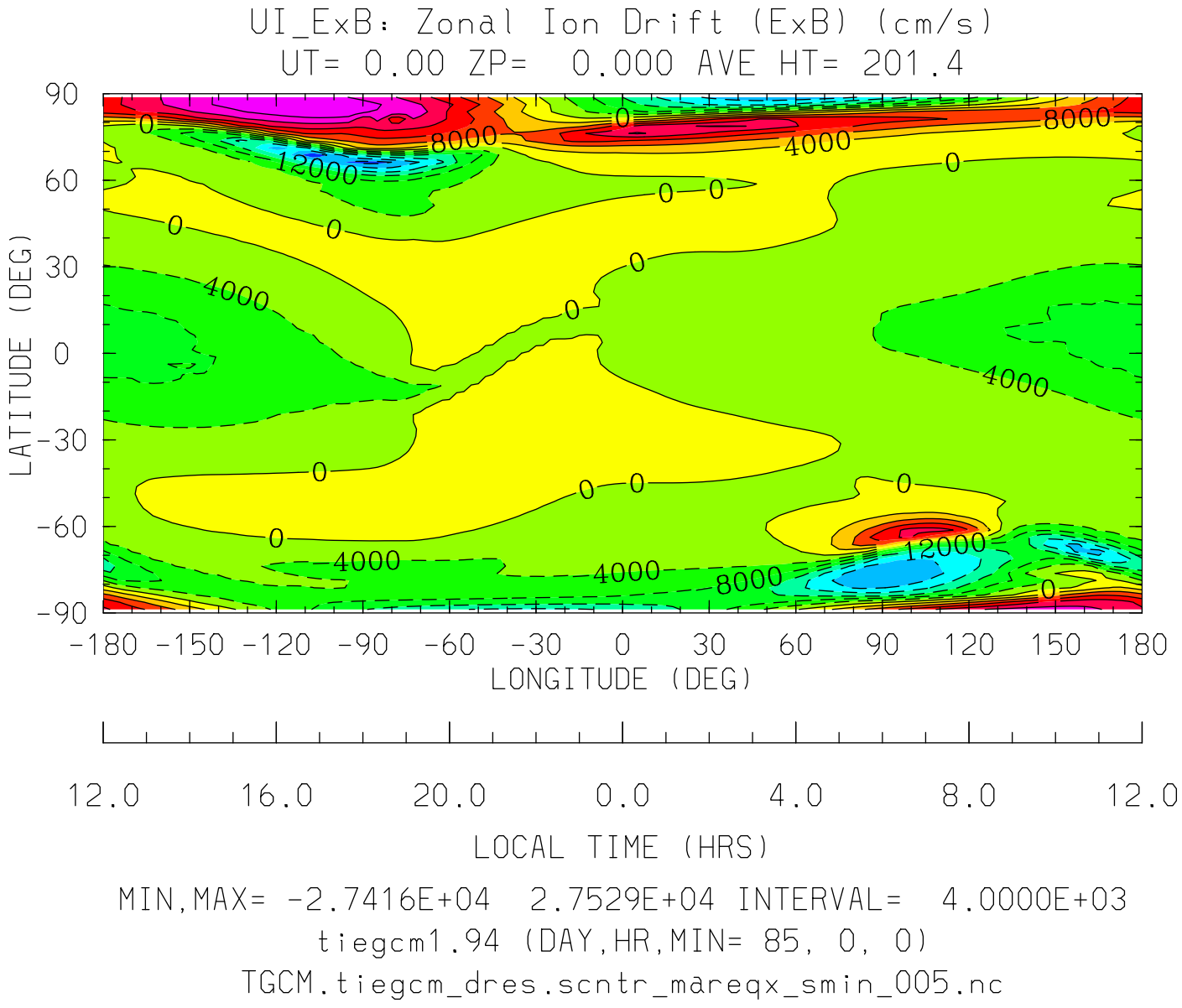
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

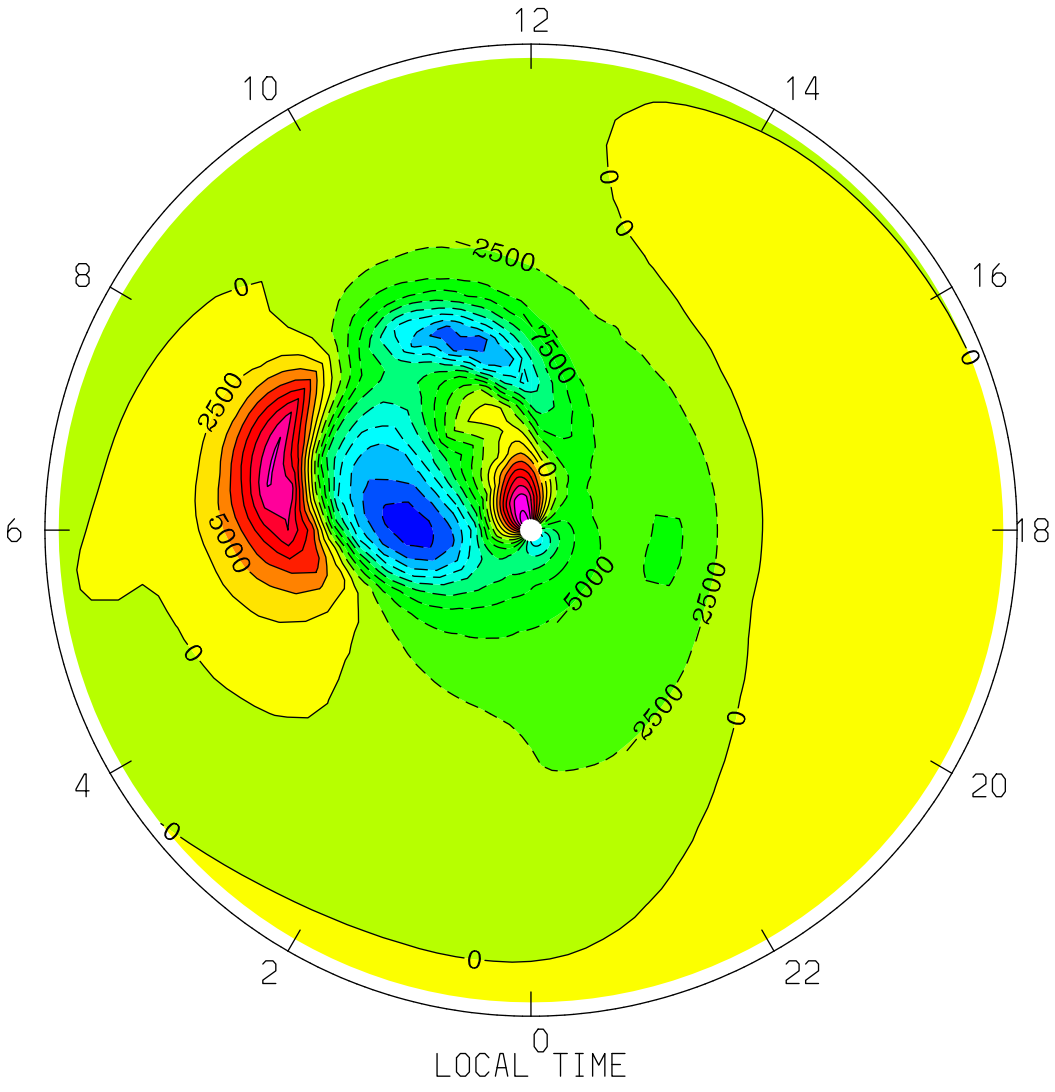


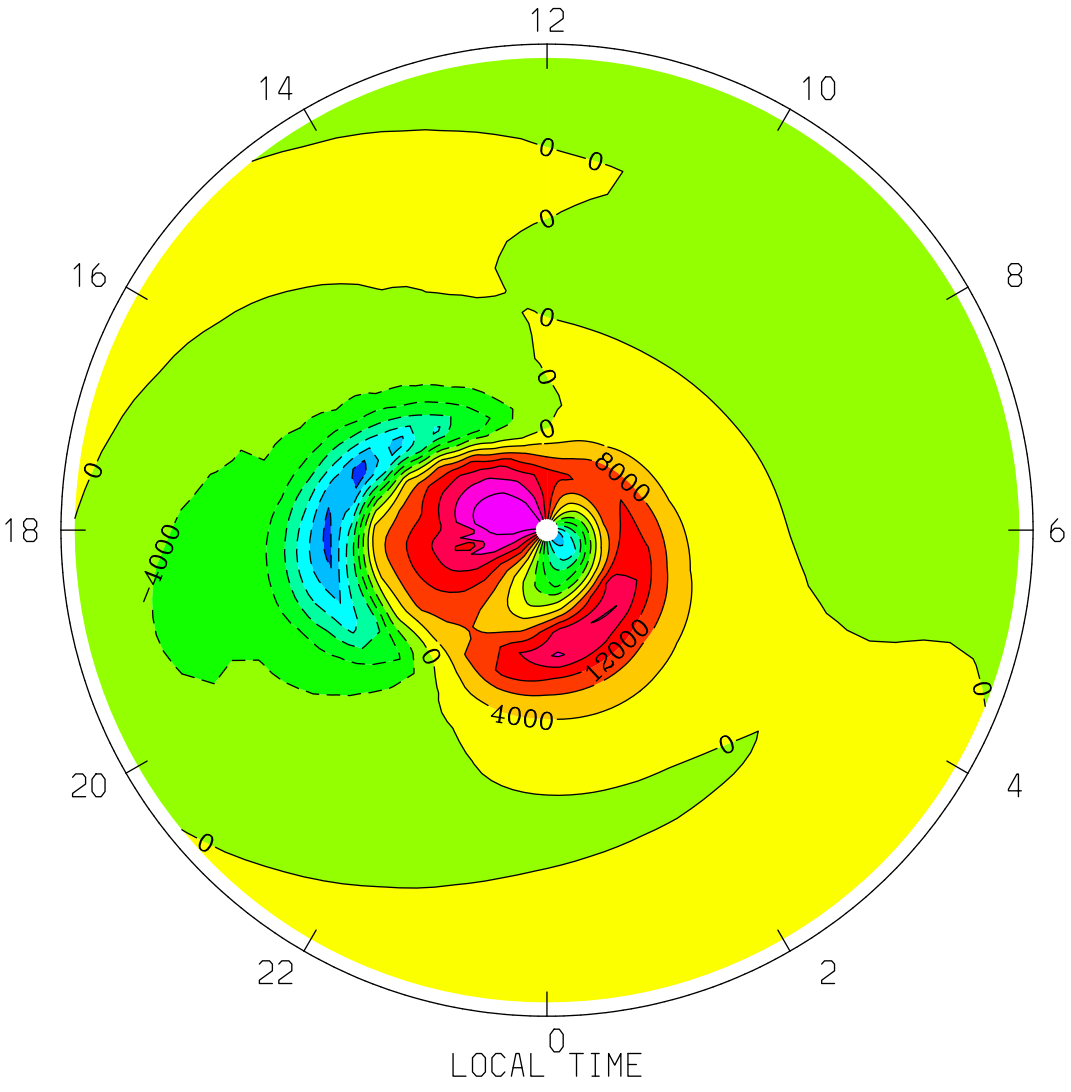
MIN,MAX= -2.8300E+04 2.7899E+04 INTERVAL= 4.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 201.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.7416E+04 2.7529E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

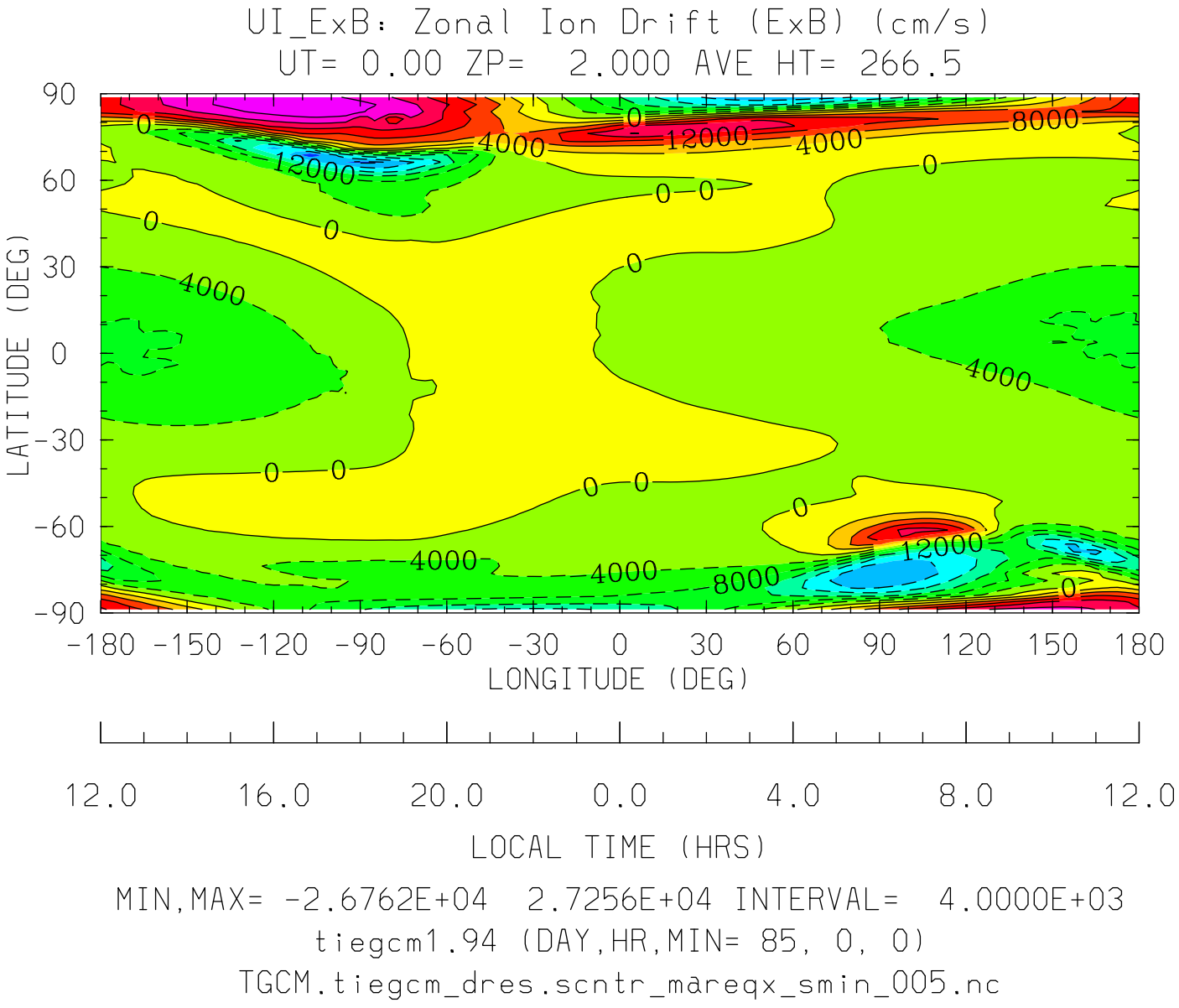

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
2500
7500
5000
MIN,MAX= -2.3725E+04 2.1864E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

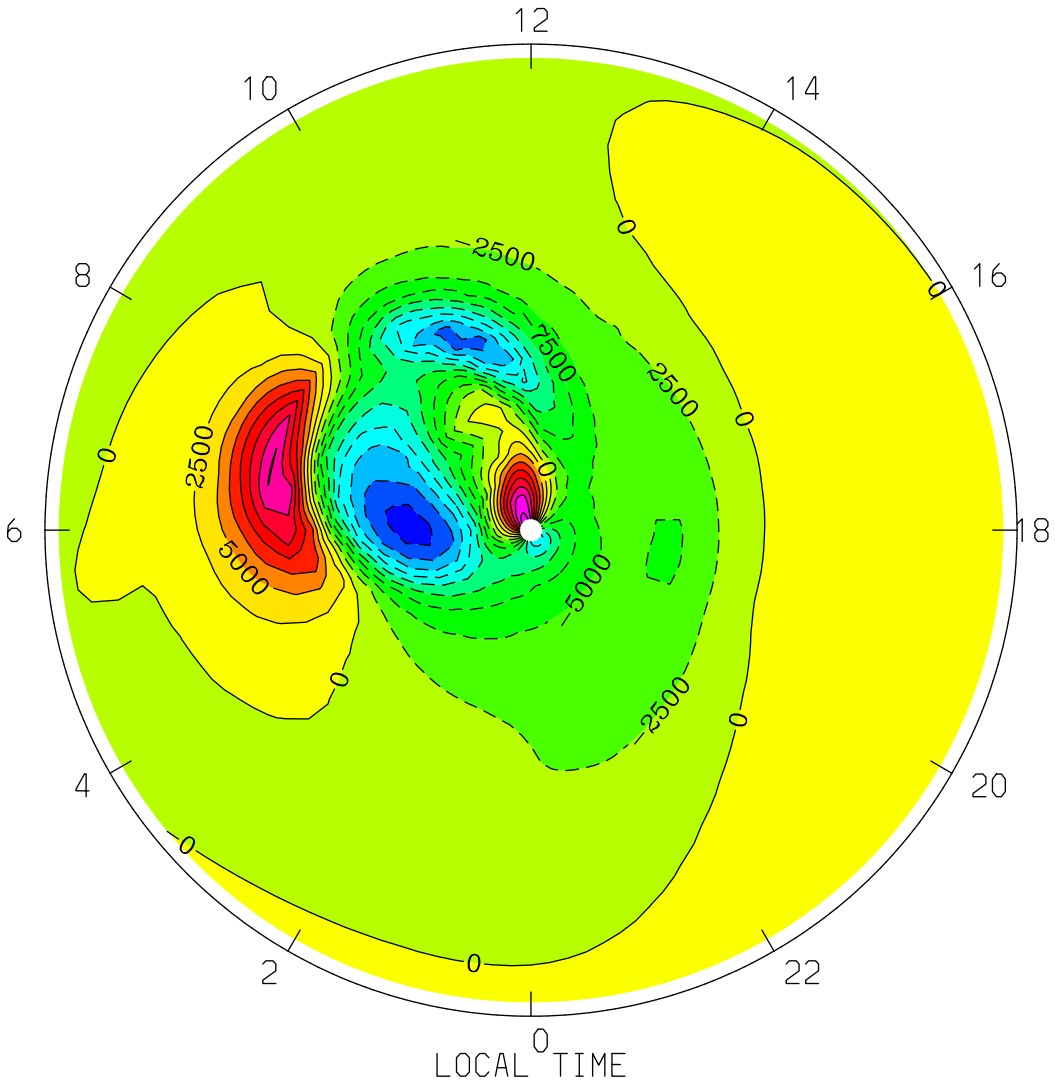


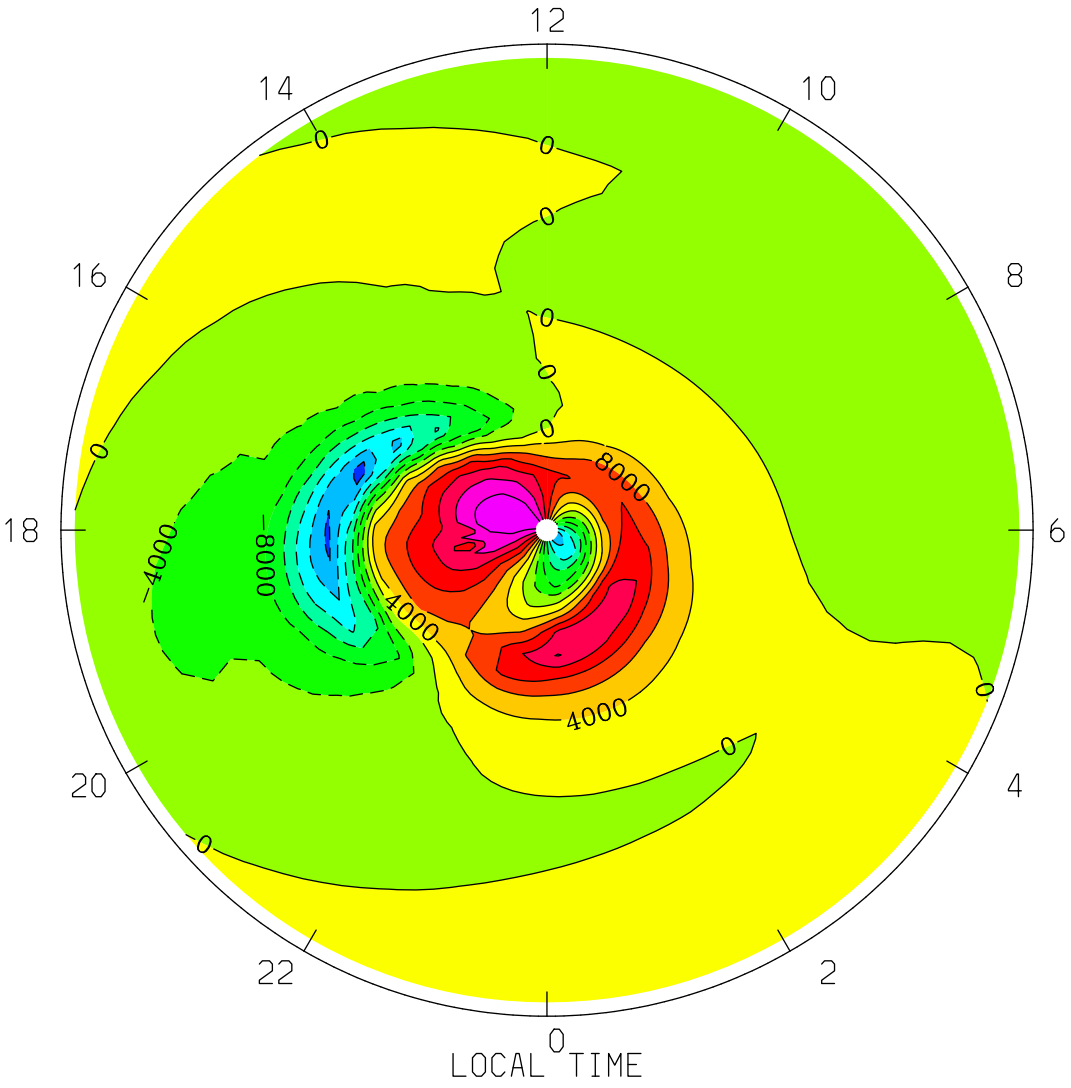
MIN,MAX= -2.7416E+04 2.7529E+04 INTERVAL= 4.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 266.5
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= -2.6762E+04 2.7256E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

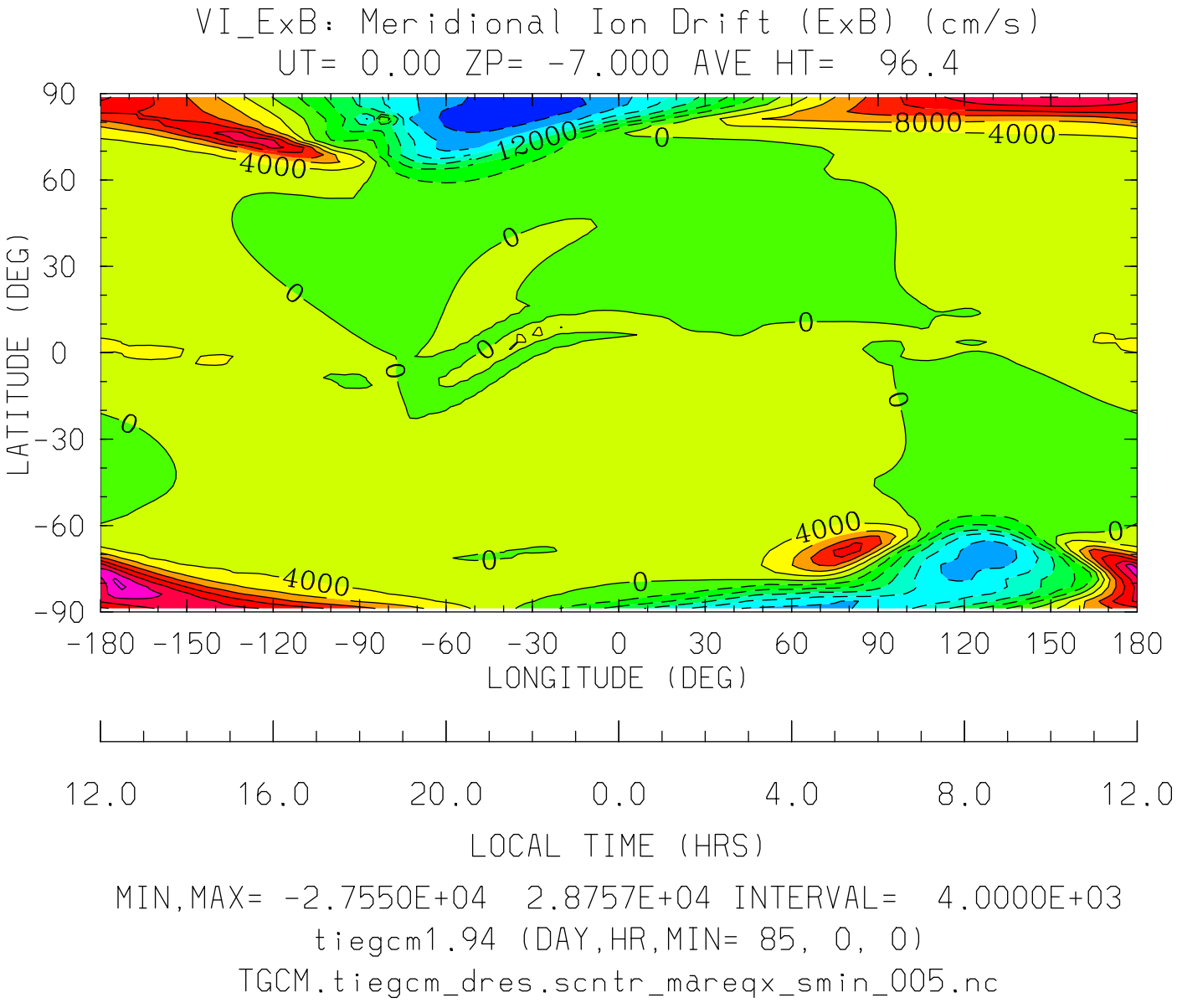

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 266.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
2500
7500
5000
0
MIN,MAX= -2.3517E+04 2.1491E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= -2.6762E+04 2.7256E+04 INTERVAL= 4.0000E+03

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

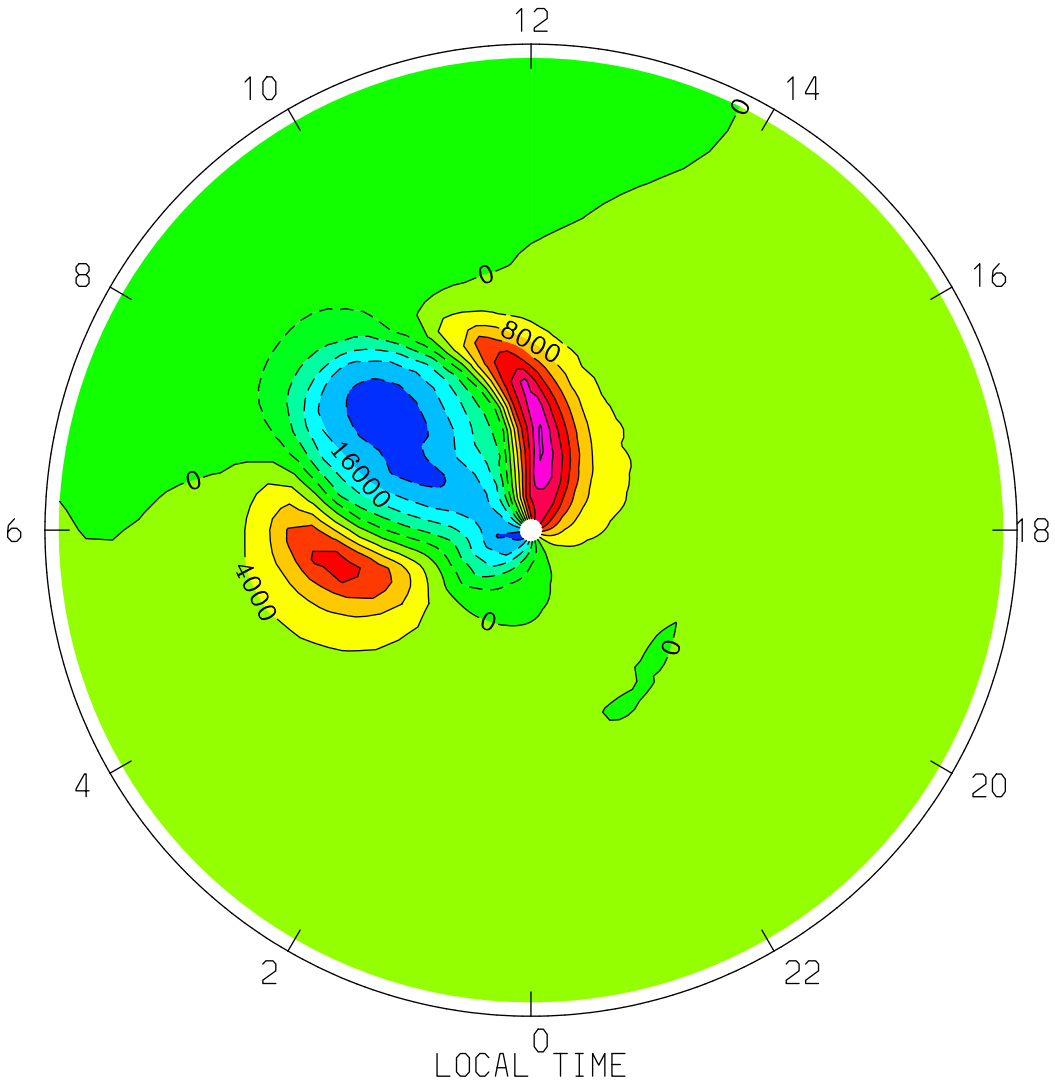
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

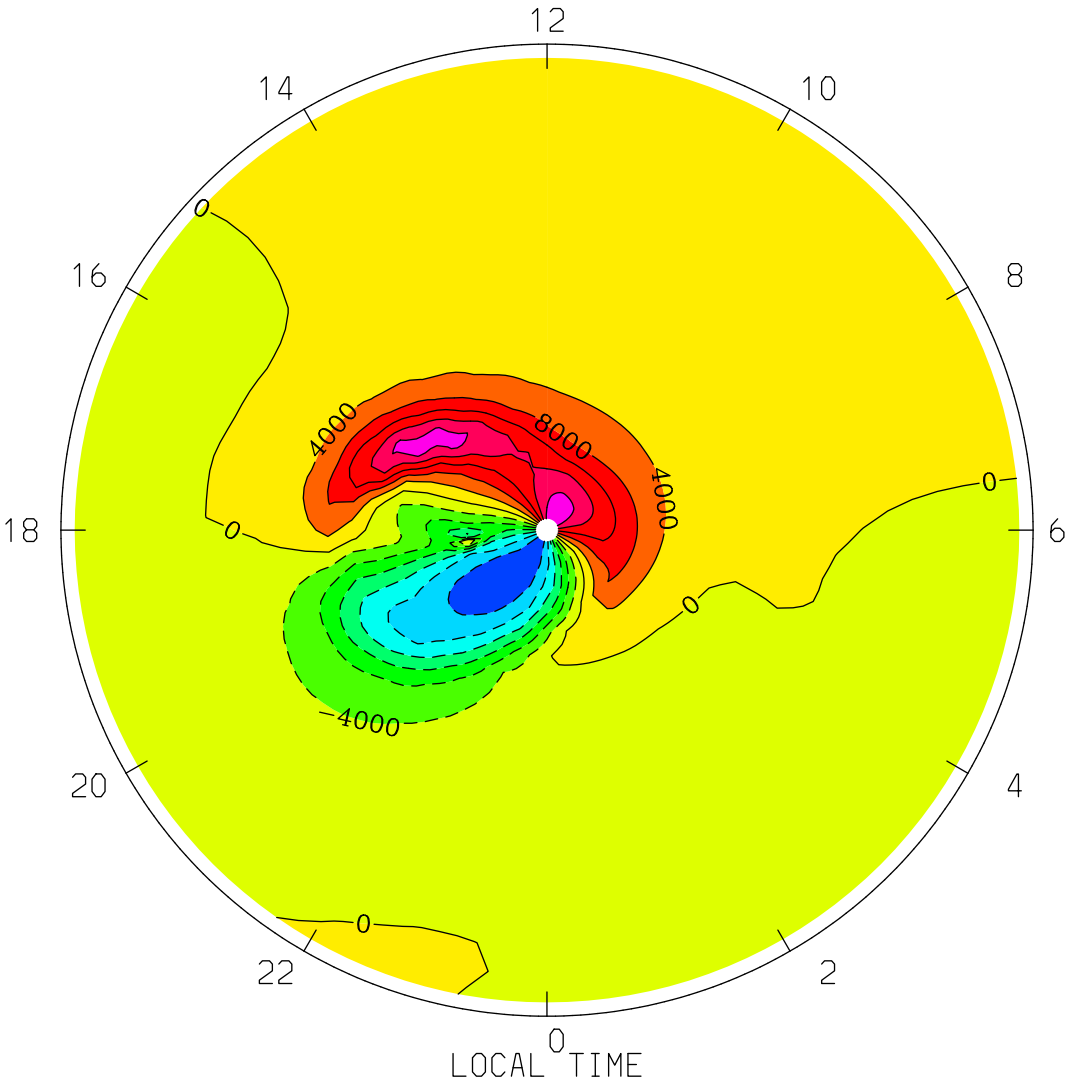


MIN,MAX= -2.7550E+04 2.8757E+04 INTERVAL= 4.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

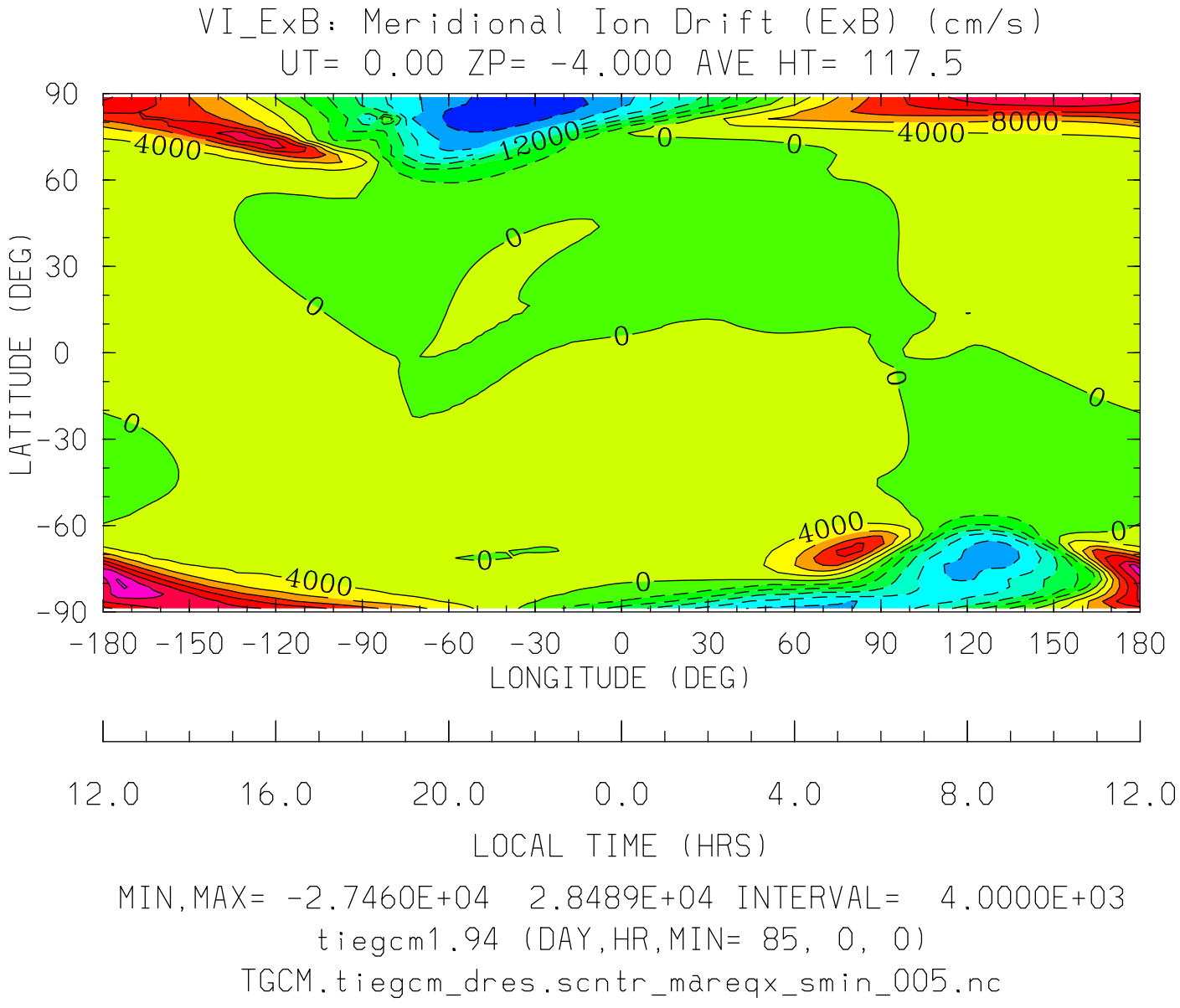

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
0
0
8000
16000
0
4000
0
0
LOCAL TIME
MIN,MAX= -2.2865E+04 2.8757E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= -2.7550E+04 2.4030E+04 INTERVAL= 4.0000E+03

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

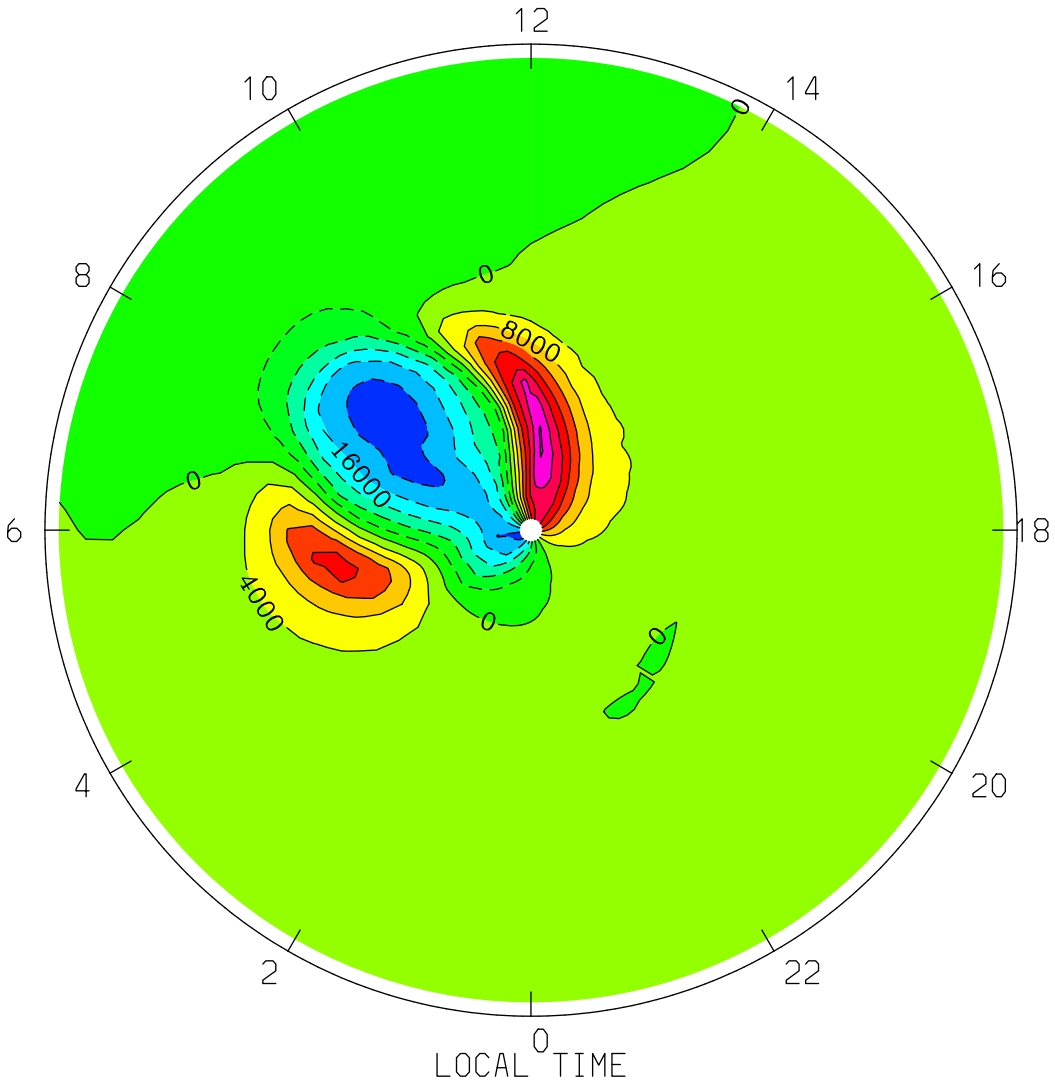
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

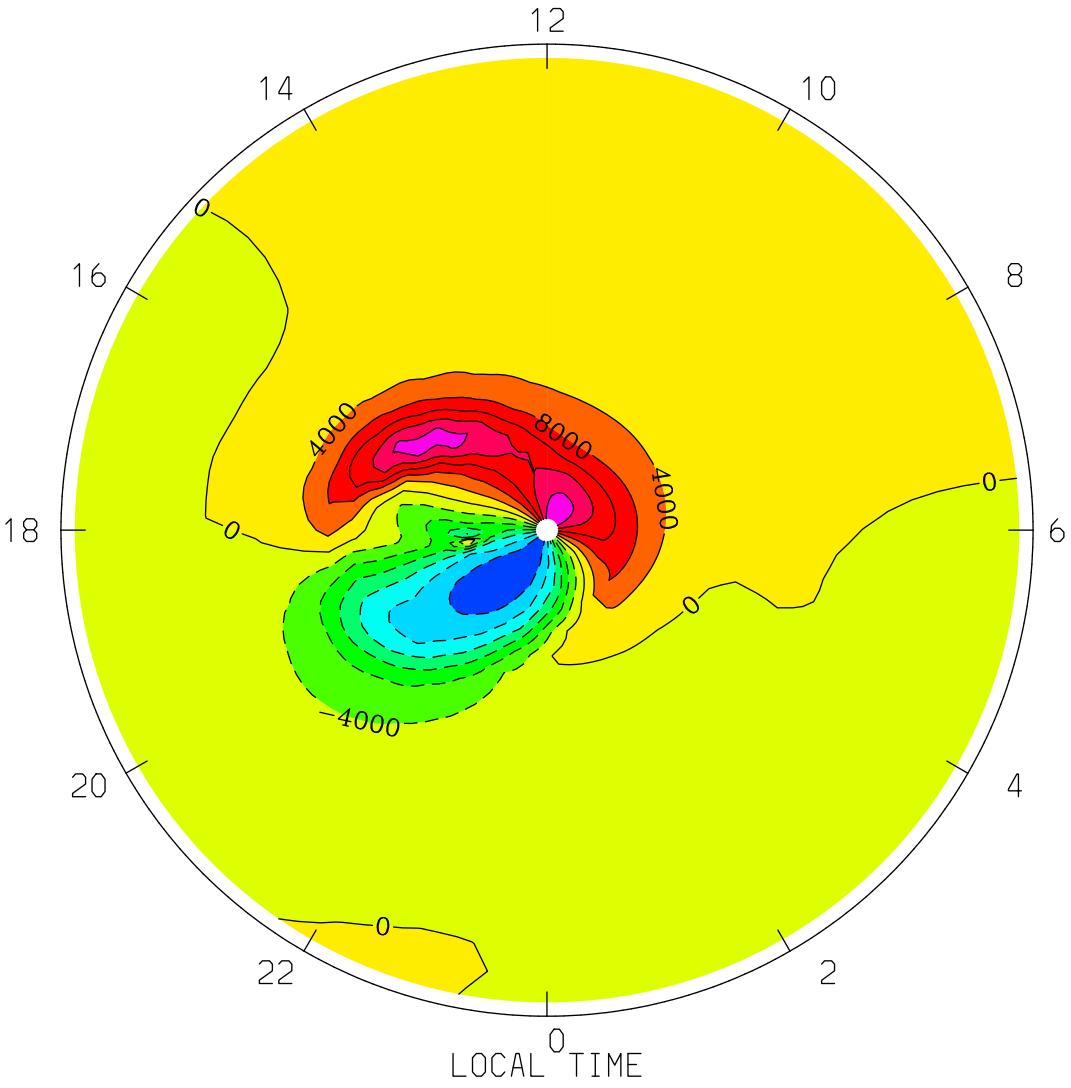


MIN,MAX= -2.7460E+04 2.8489E+04 INTERVAL= 4.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

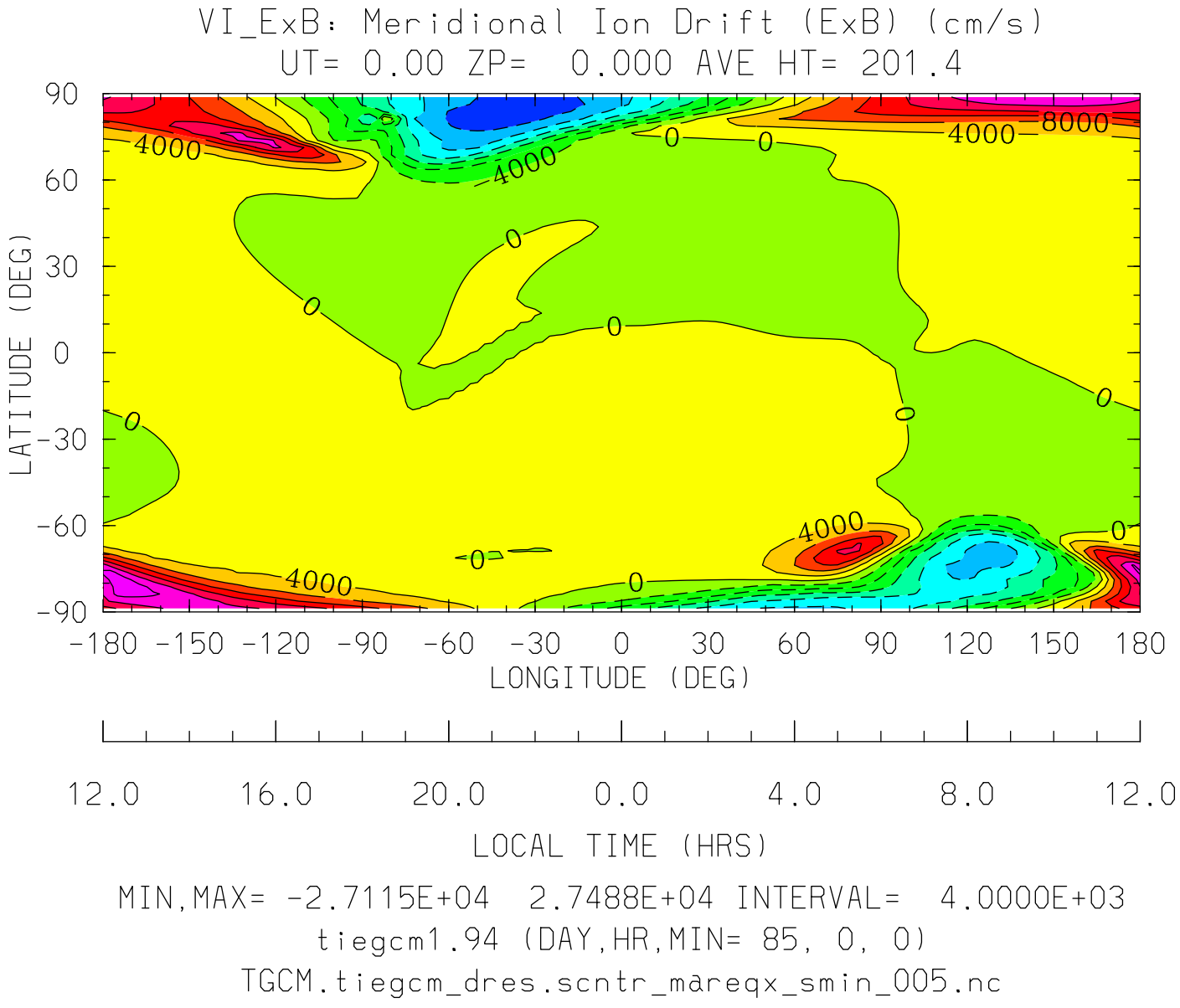

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 117.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
0
0
8000
16000
0
4000
0
0
LOCAL TIME
MIN,MAX= -2.2784E+04 2.8489E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= -2.7460E+04 2.3967E+04 INTERVAL= 4.0000E+03

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

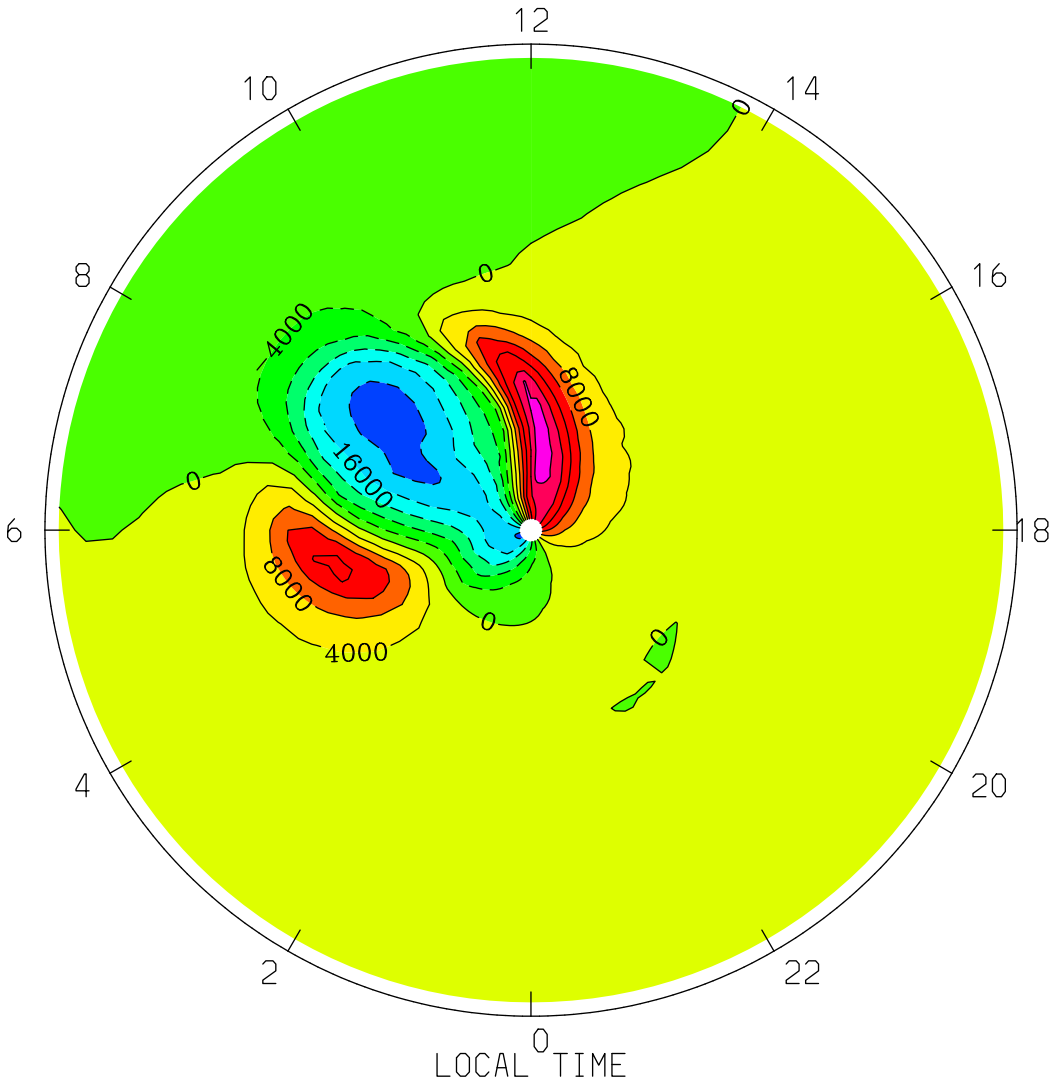
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

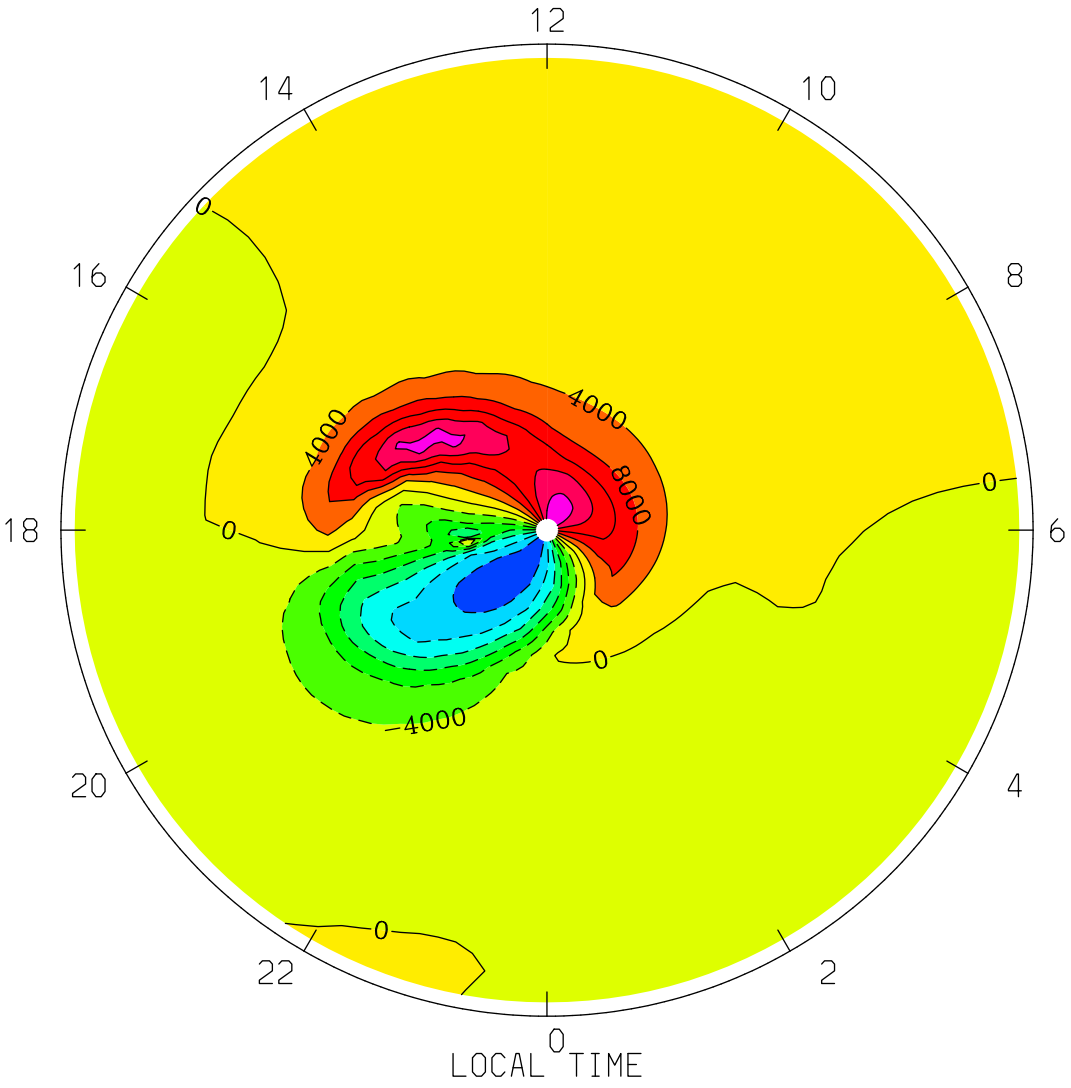


MIN,MAX= -2.7115E+04 2.7488E+04 INTERVAL= 4.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

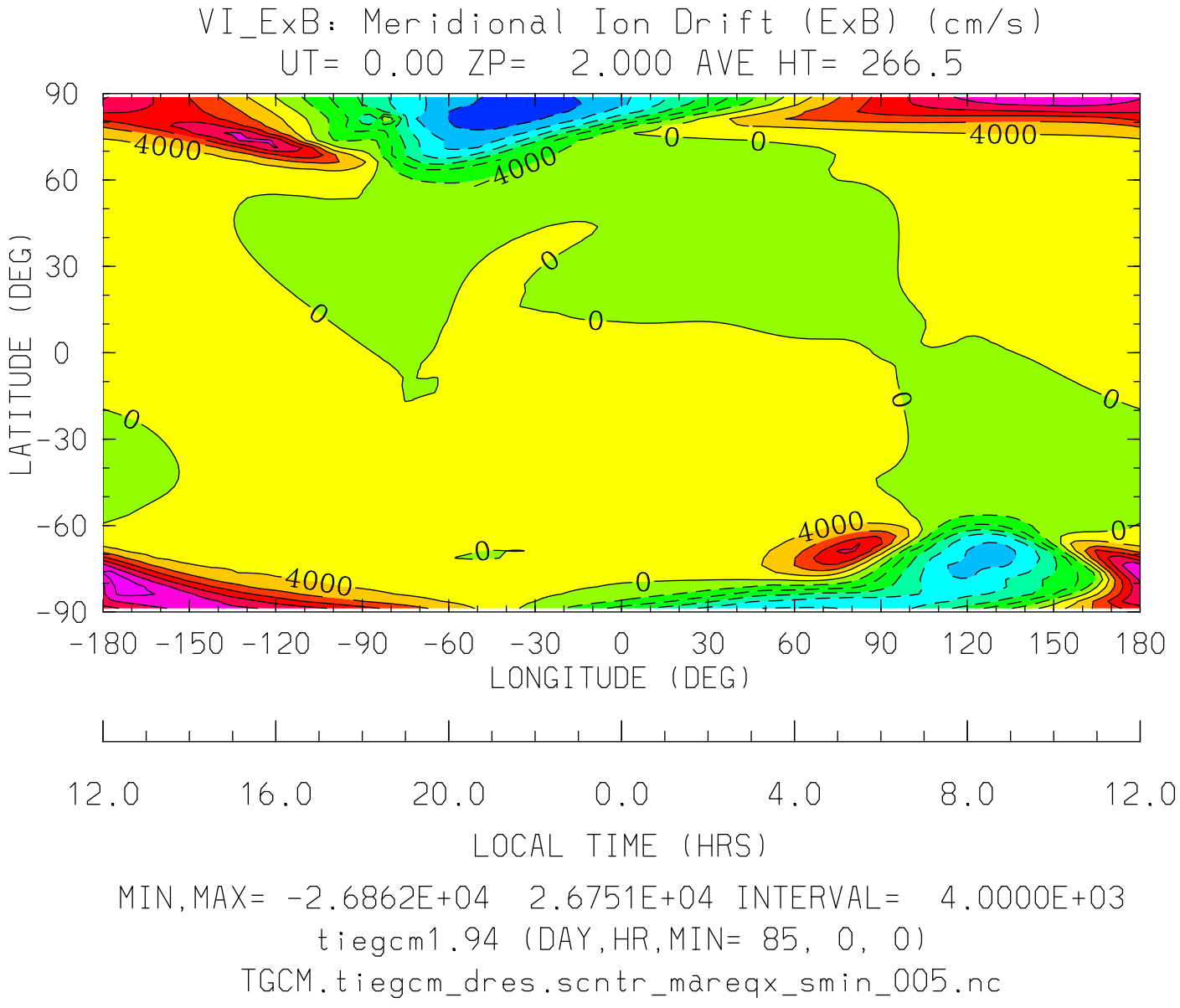

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
4000
8000
16000
MIN,MAX= -2.2473E+04 2.7488E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= -2.7115E+04 2.3722E+04 INTERVAL= 4.0000E+03

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

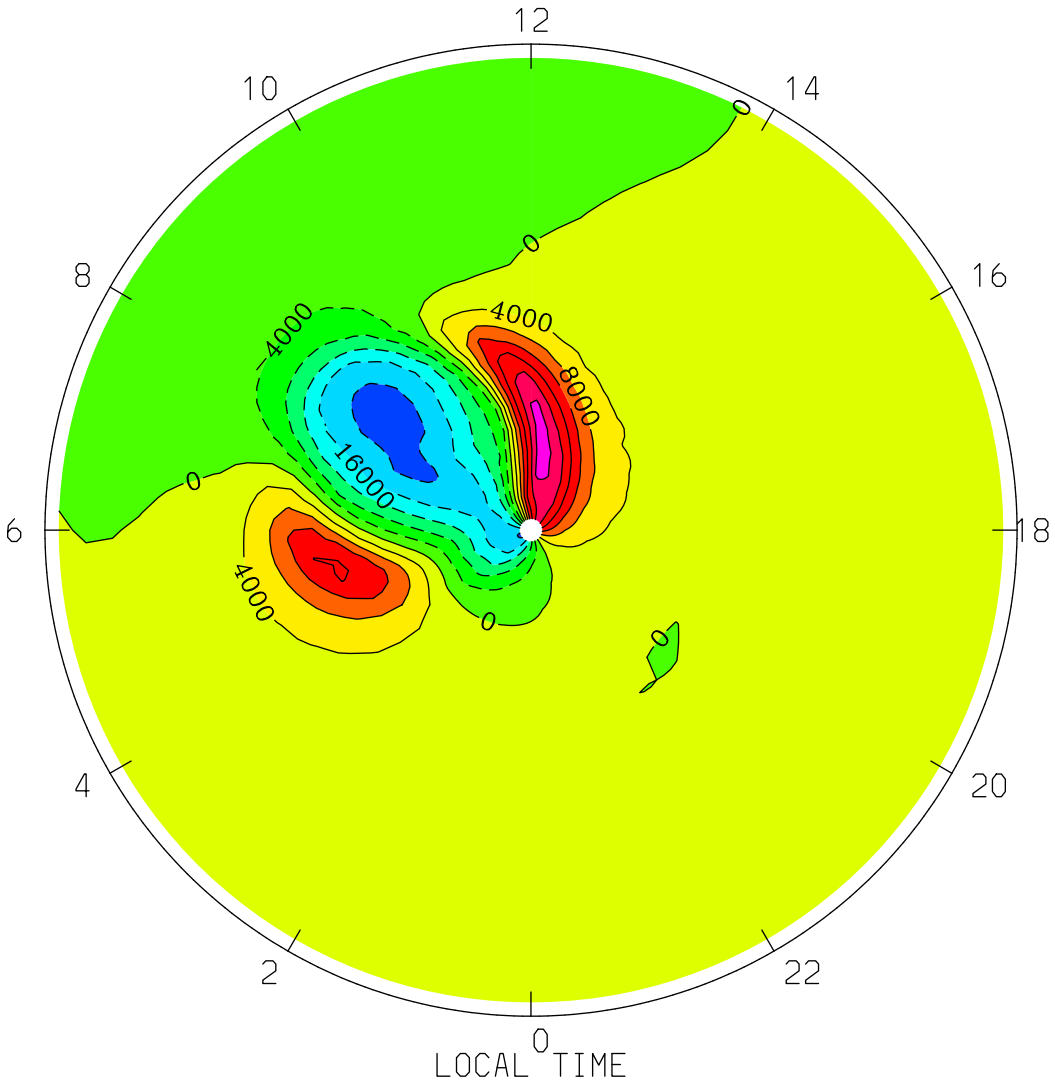
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

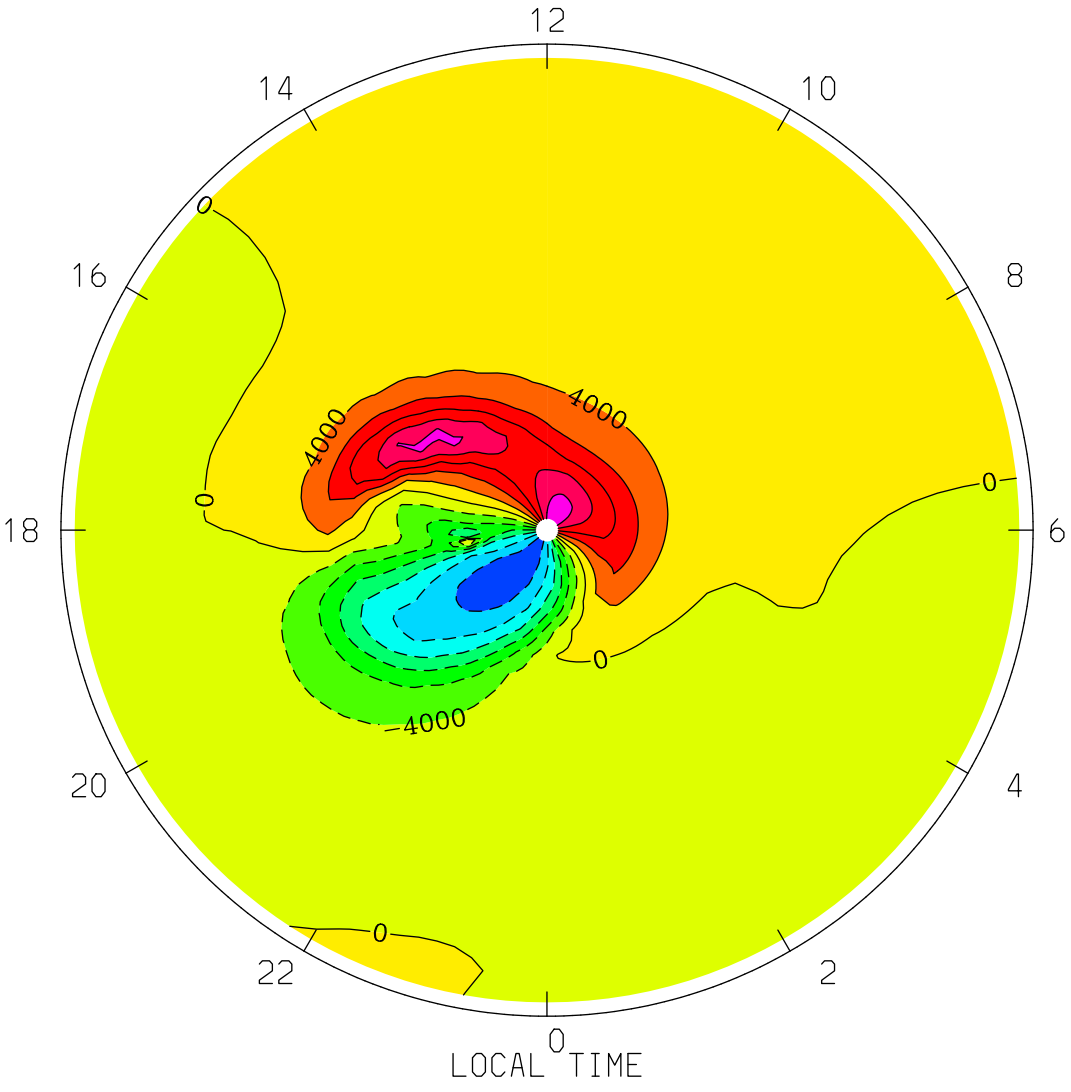


MIN,MAX= -2.6862E+04 2.6751E+04 INTERVAL= 4.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

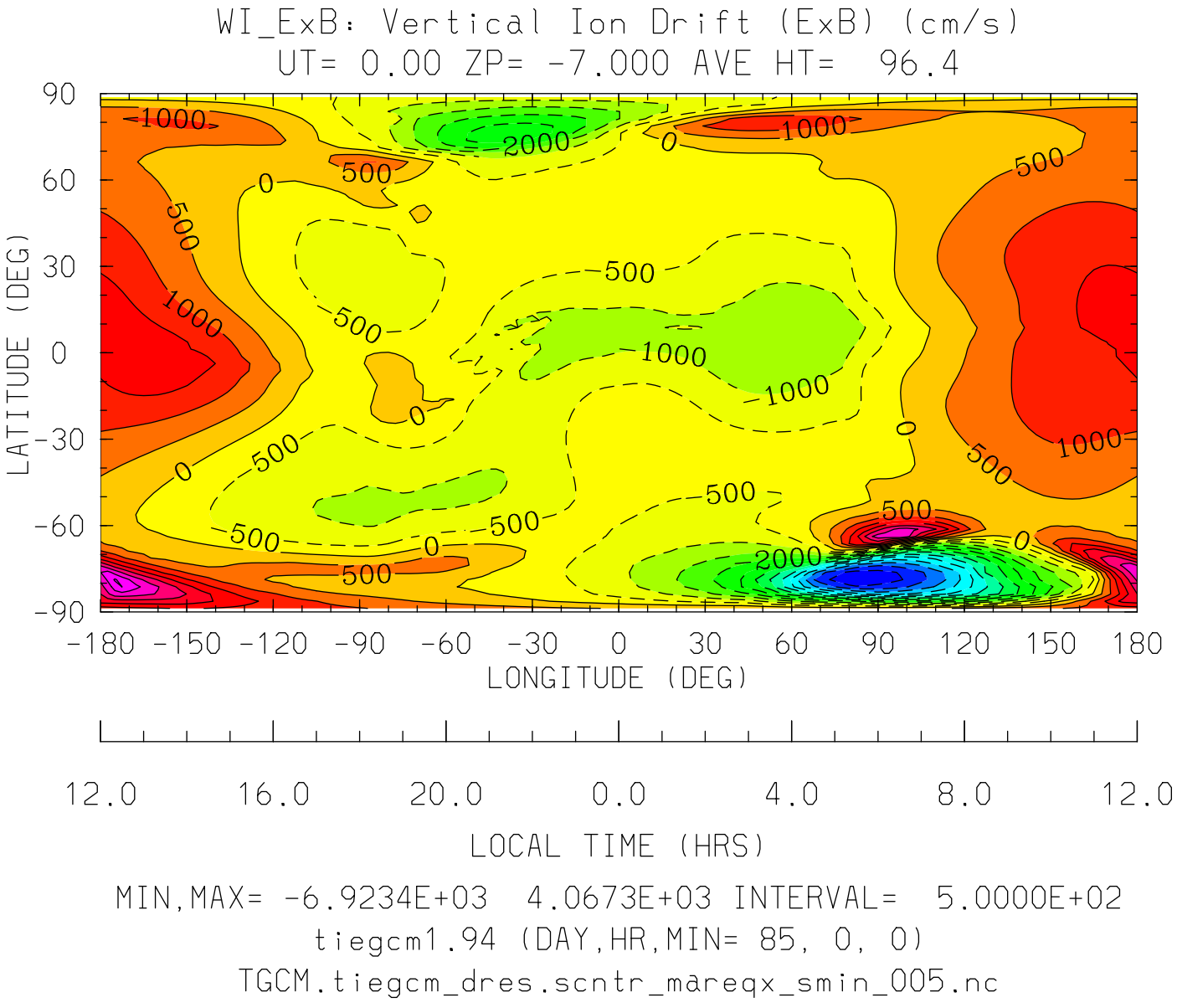

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 266.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
4000
8000
16000
4000
0
4000
0
0
MIN,MAX= -2.2237E+04 2.6751E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

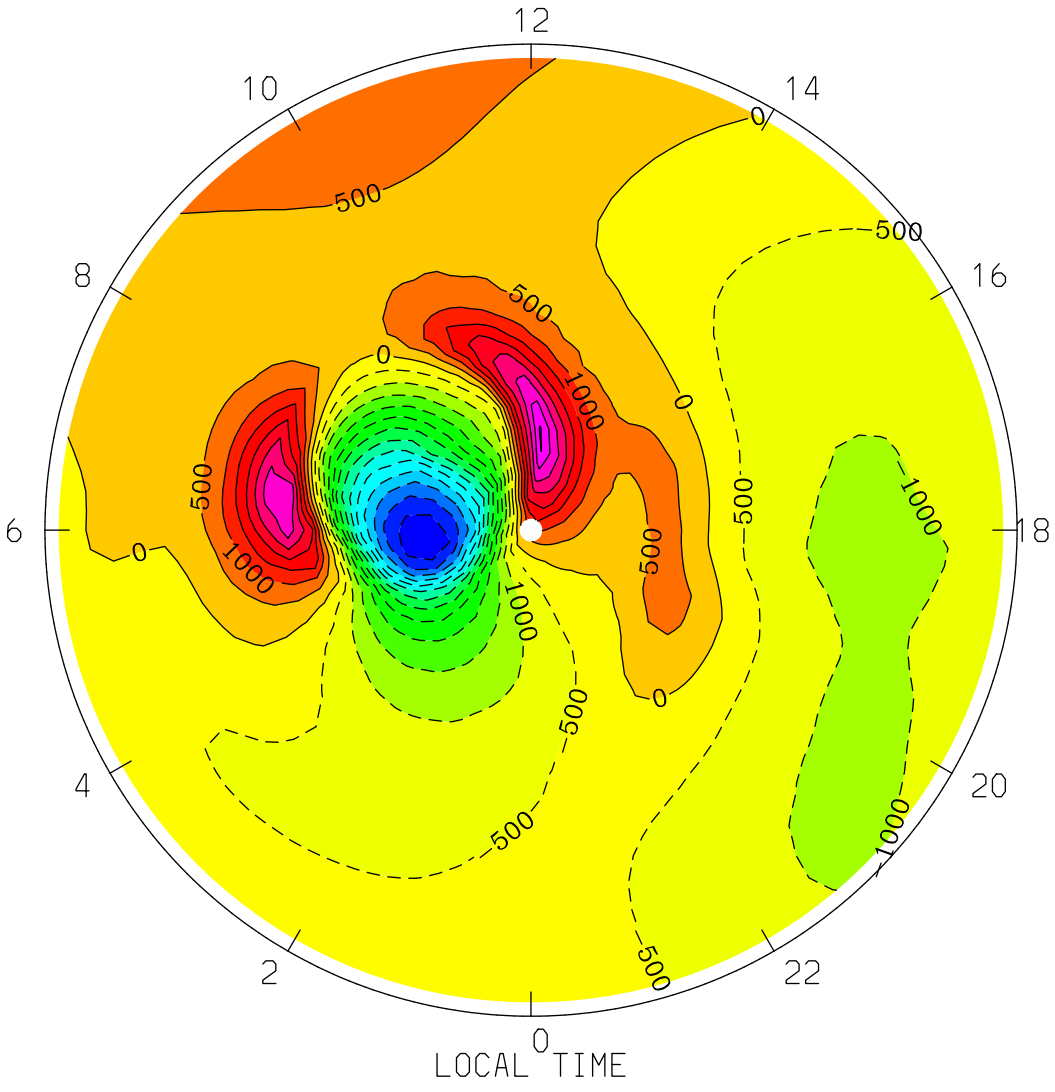


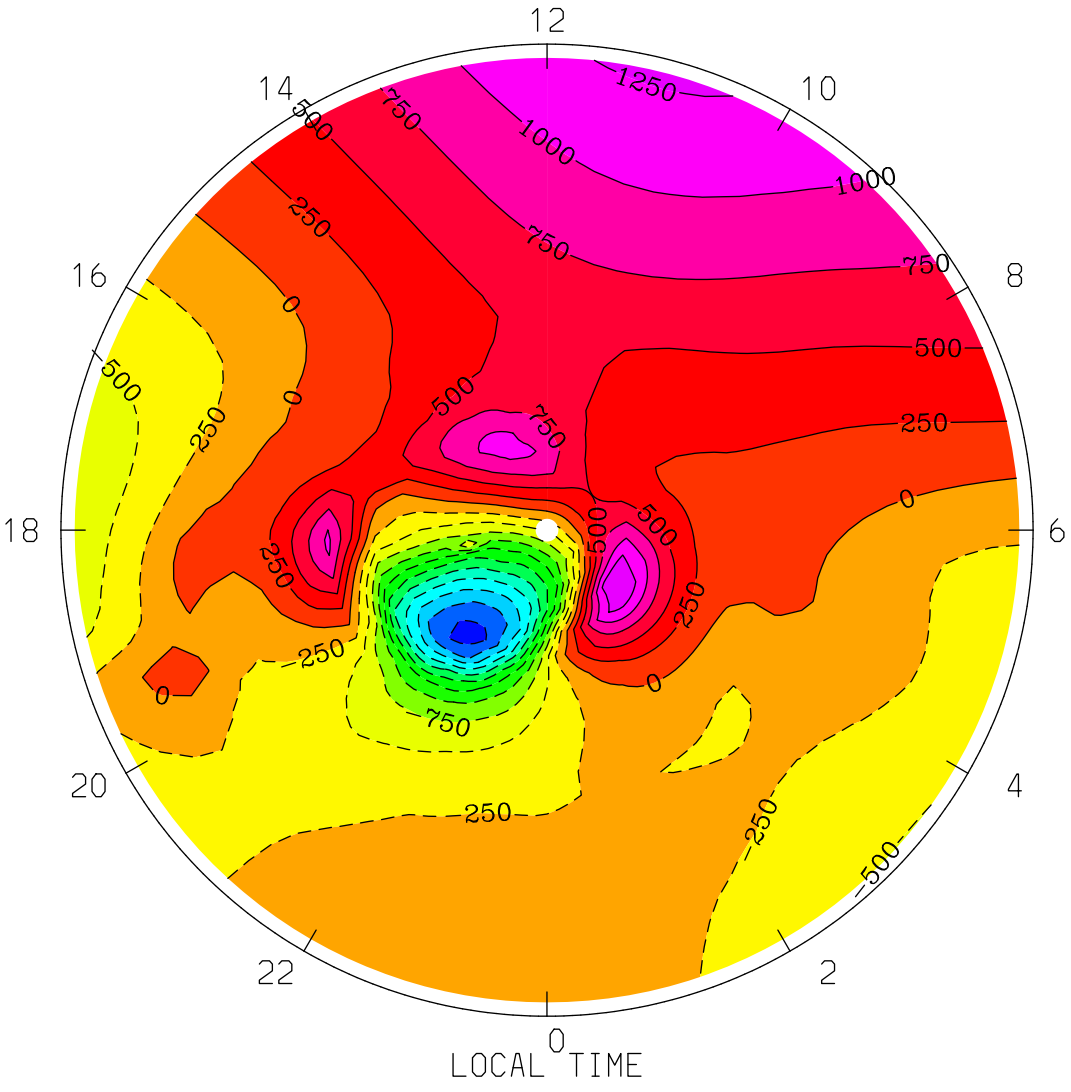
MIN,MAX= -2.6862E+04 2.3538E+04 INTERVAL= 4.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_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= -6.9234E+03 4.0673E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

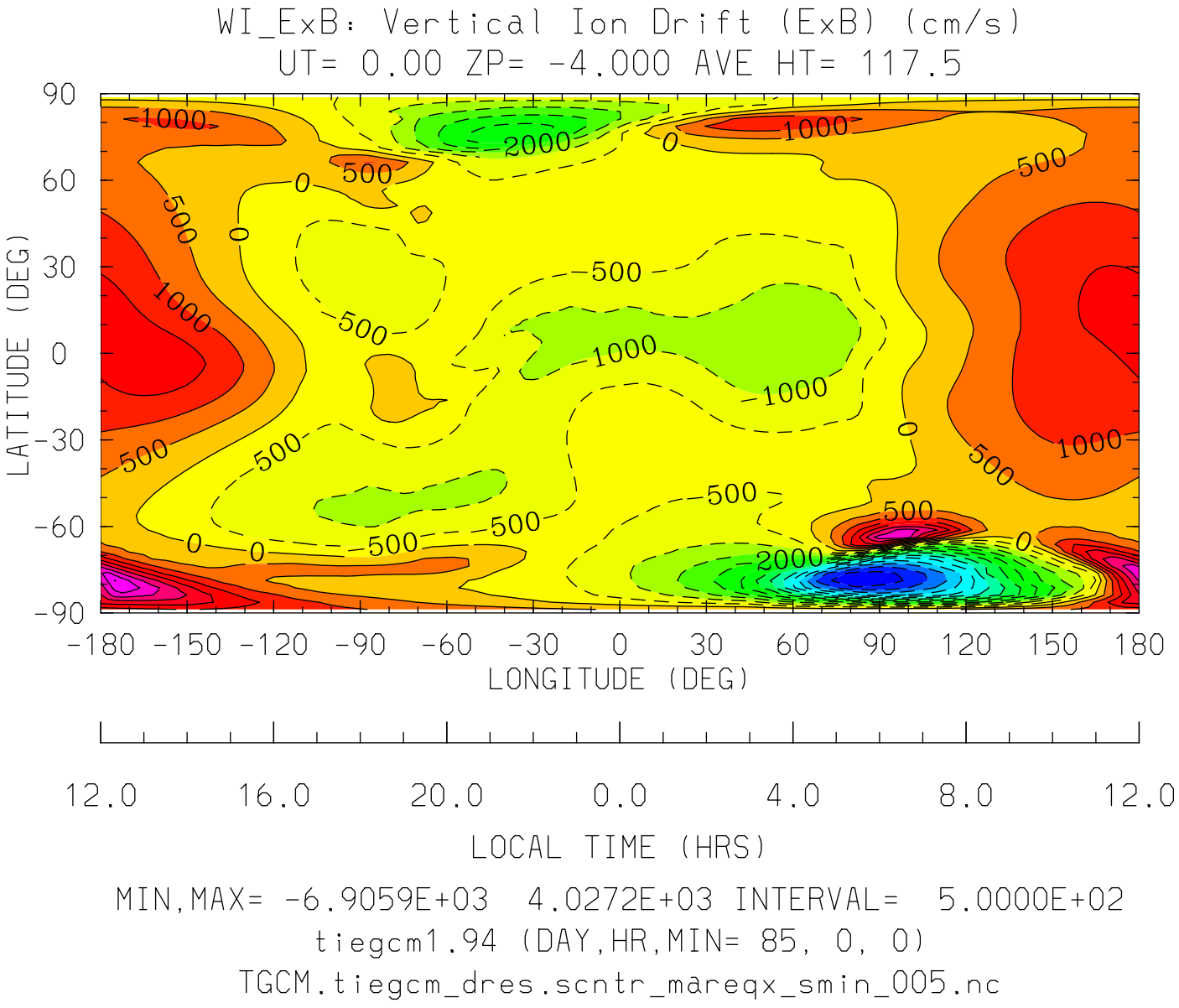

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
500
0
1000
MIN,MAX= -6.9234E+03 4.0673E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

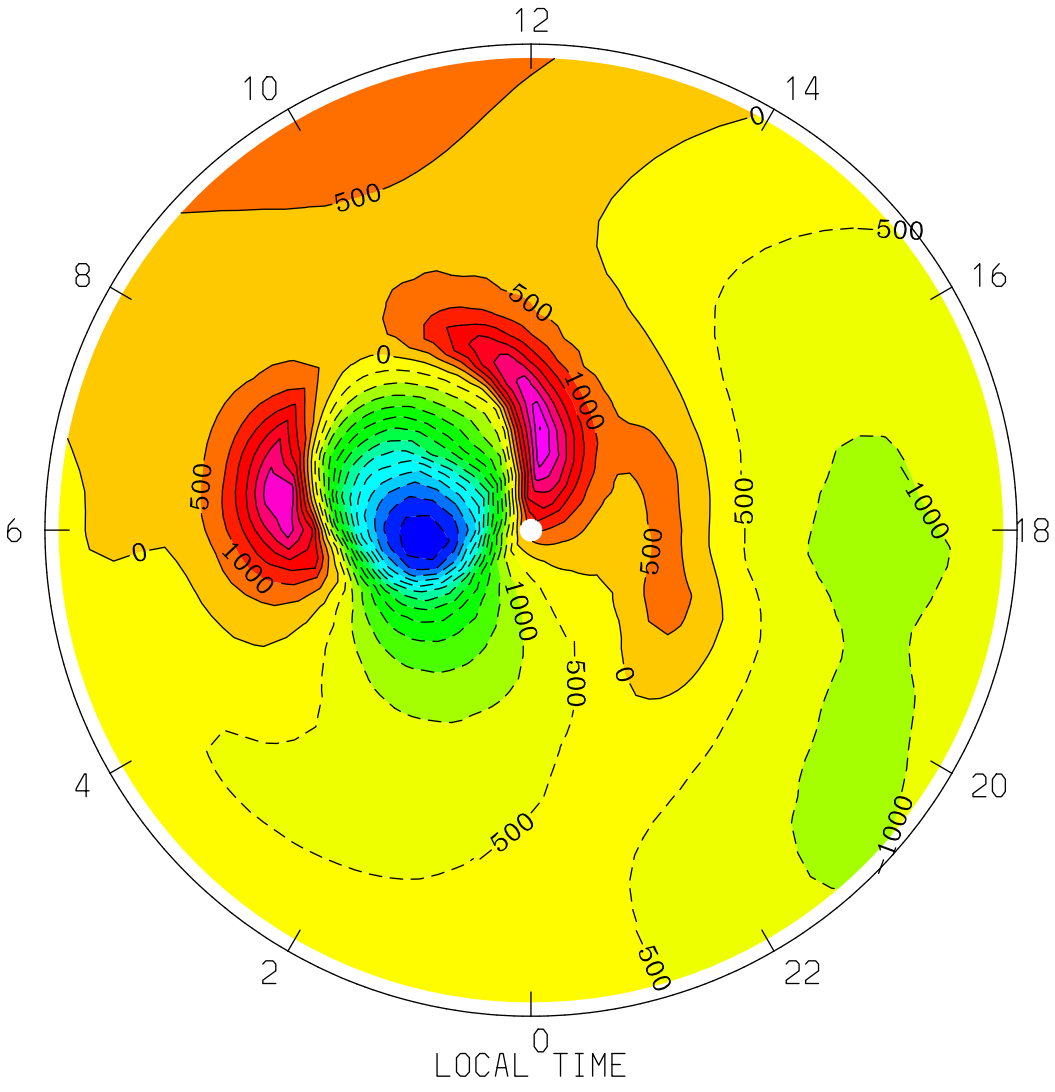


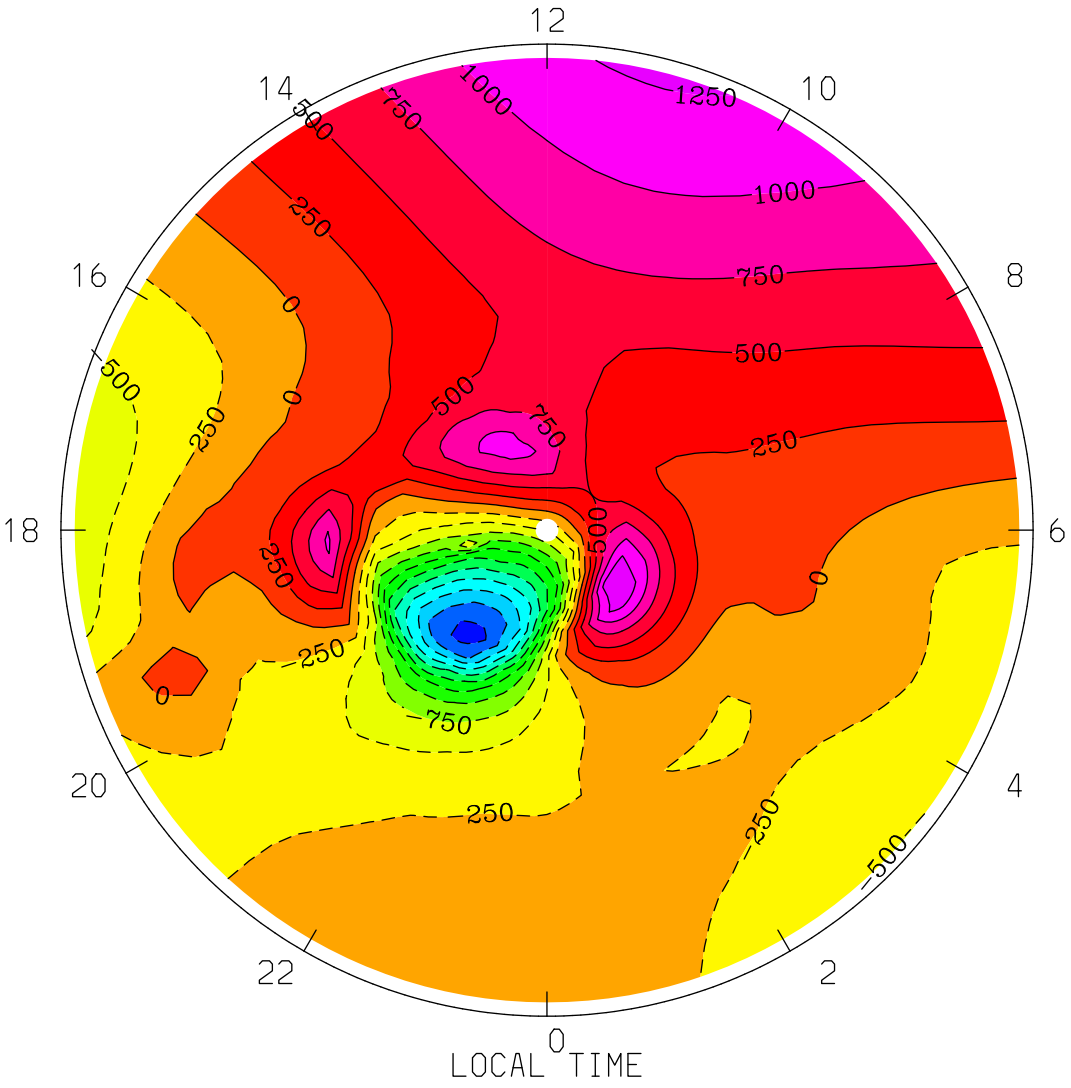
MIN,MAX= -2.8449E+03 1.4223E+03 INTERVAL= 2.5000E+02

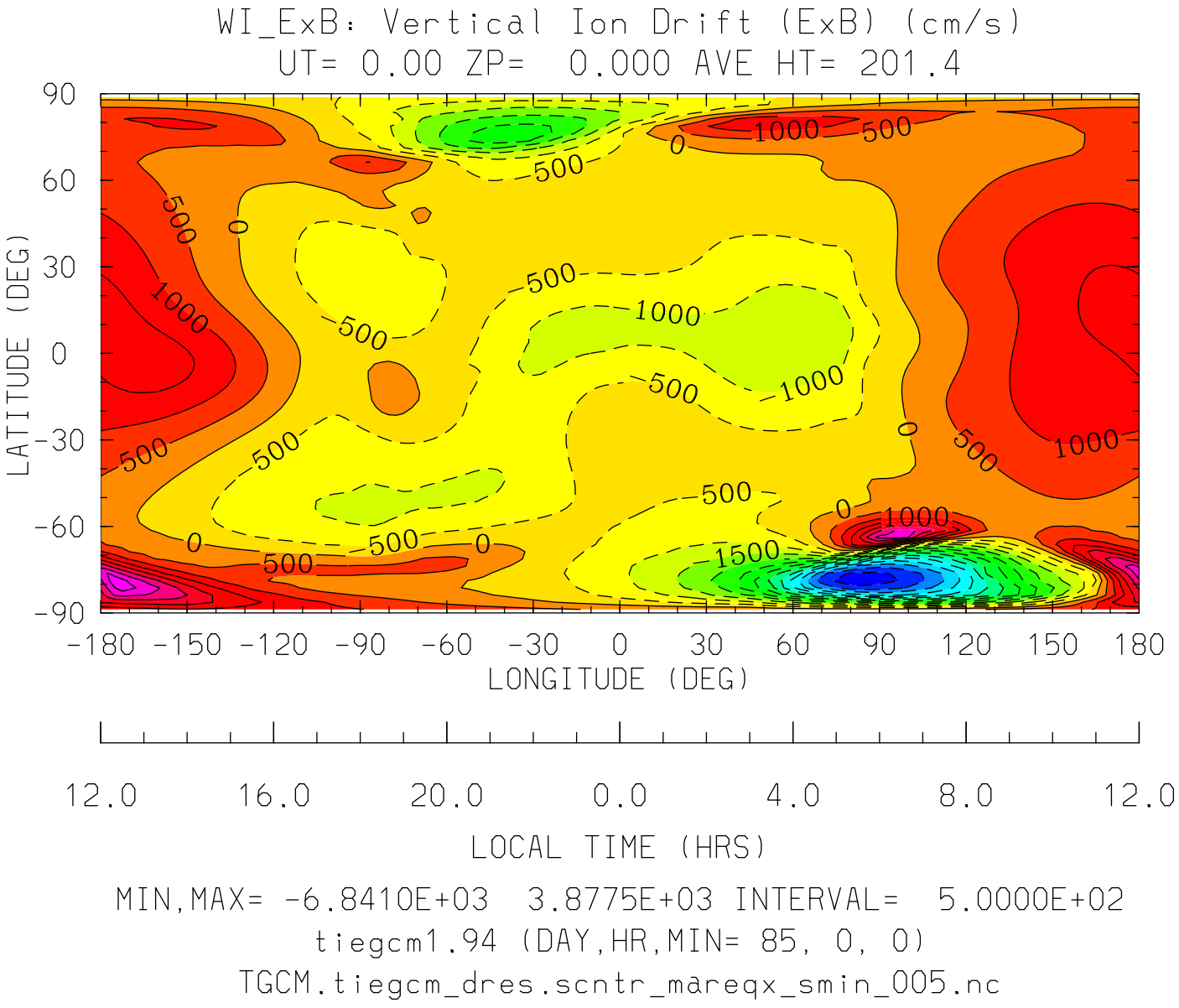
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

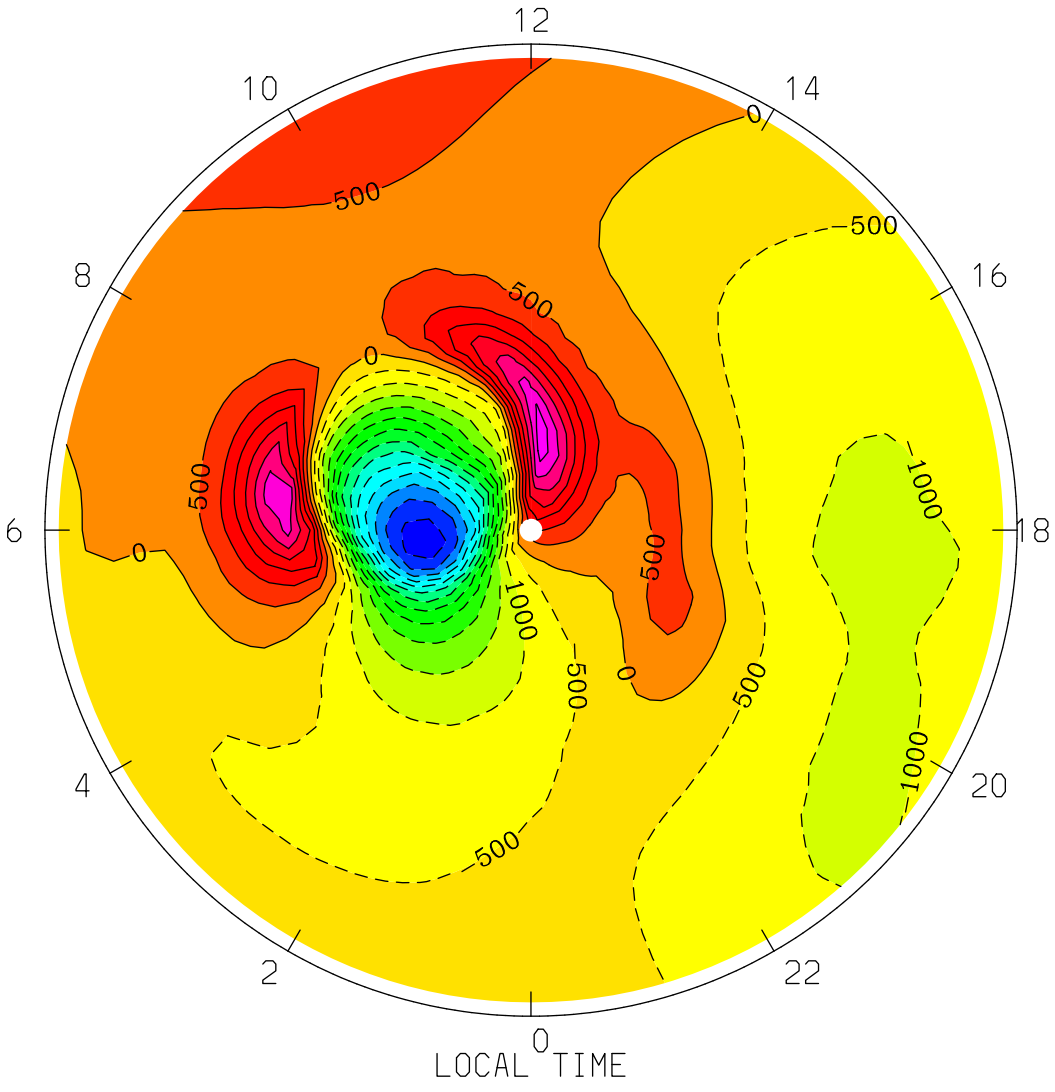
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 117.5
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= -6.9059E+03 4.0272E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 117.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
500
0
1000
-500
MIN,MAX= -6.9059E+03 4.0272E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 117.5 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
1250
1000
750
500
250
0
-250
-500
-750
LOCAL TIME
MIN,MAX= -2.8372E+03 1.4053E+03 INTERVAL= 2.5000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

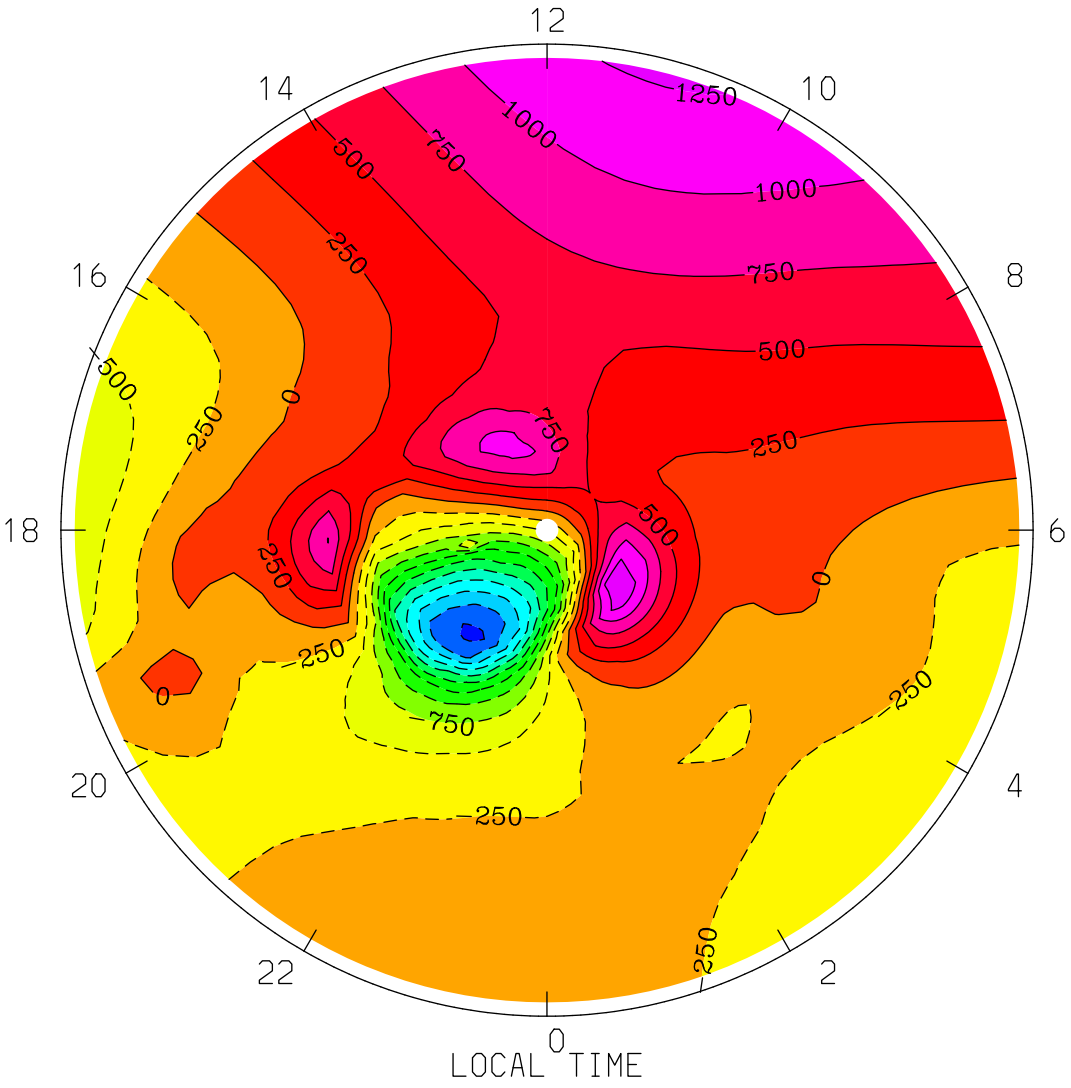

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 201.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -6.8410E+03 3.8775E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= -6.8410E+03 3.8775E+03 INTERVAL= 5.0000E+02

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

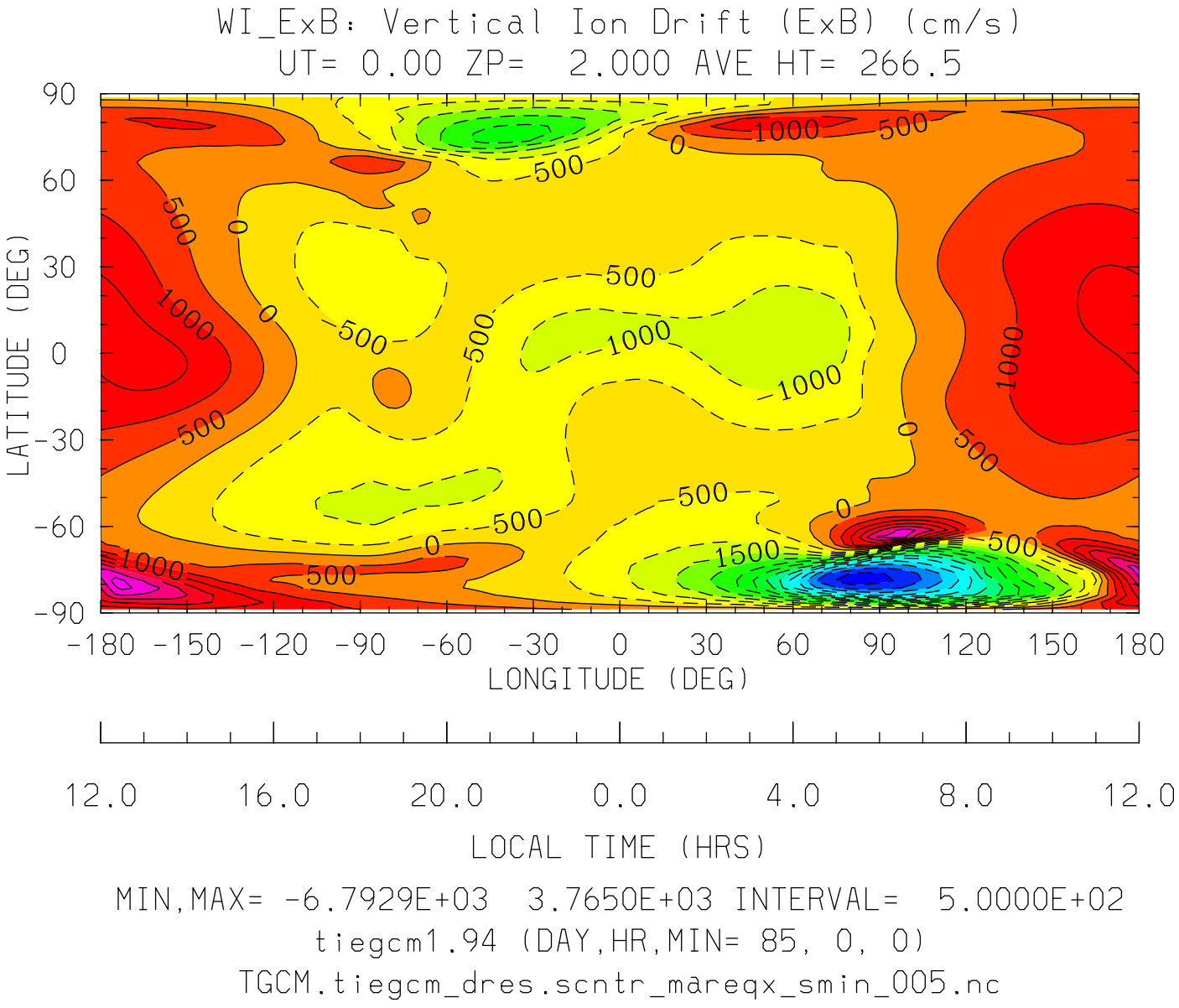
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

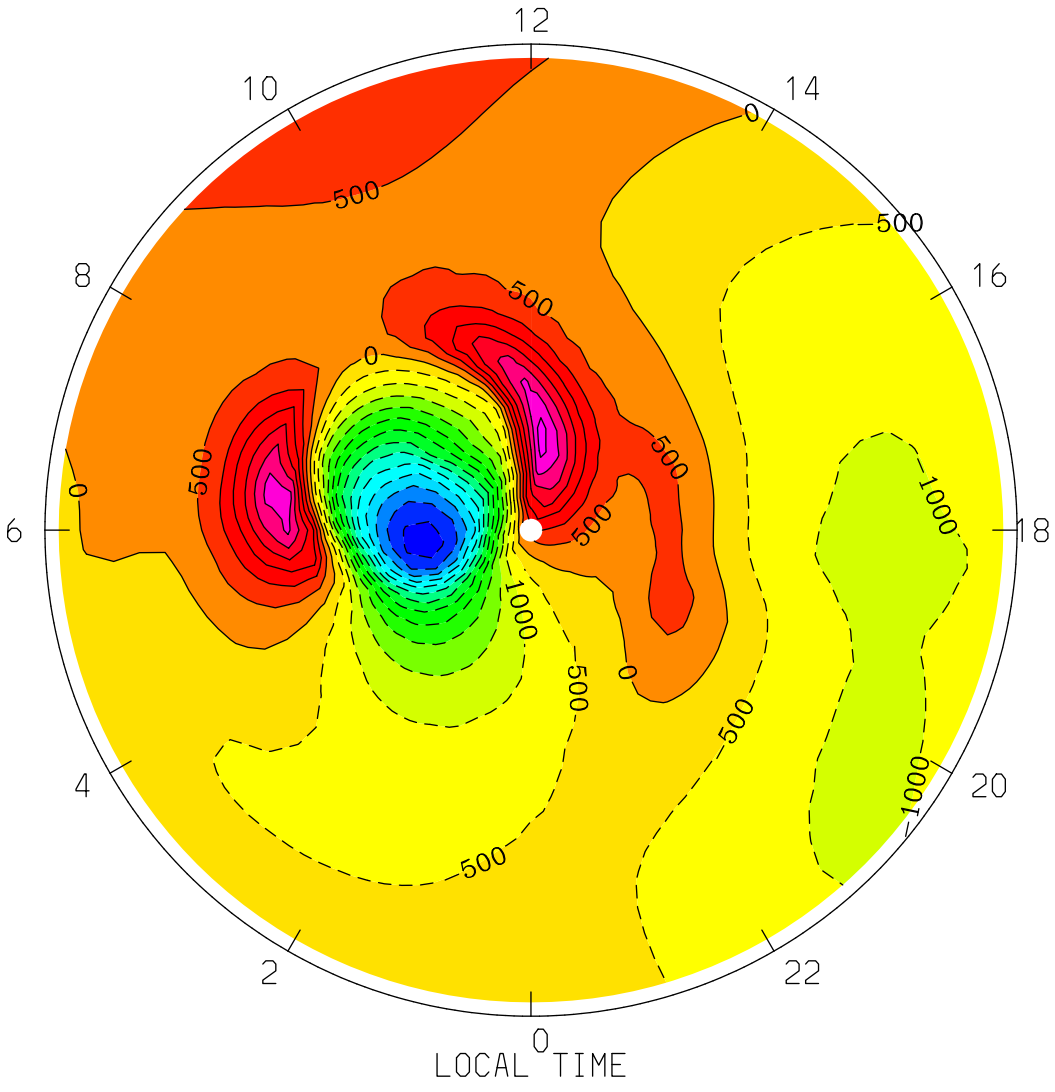


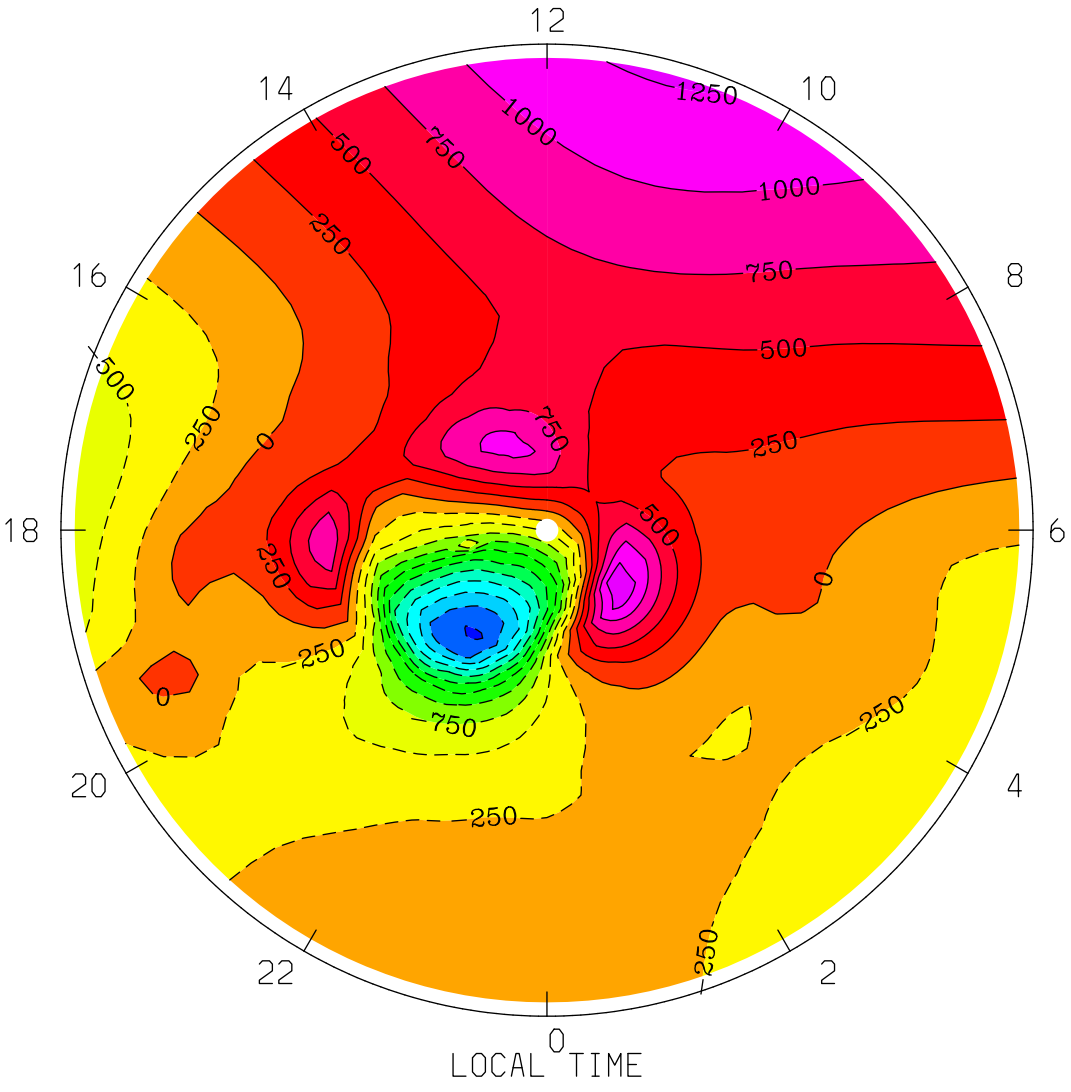
MIN,MAX= -2.8085E+03 1.3557E+03 INTERVAL= 2.5000E+02

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 266.5
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= -6.7929E+03 3.7650E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

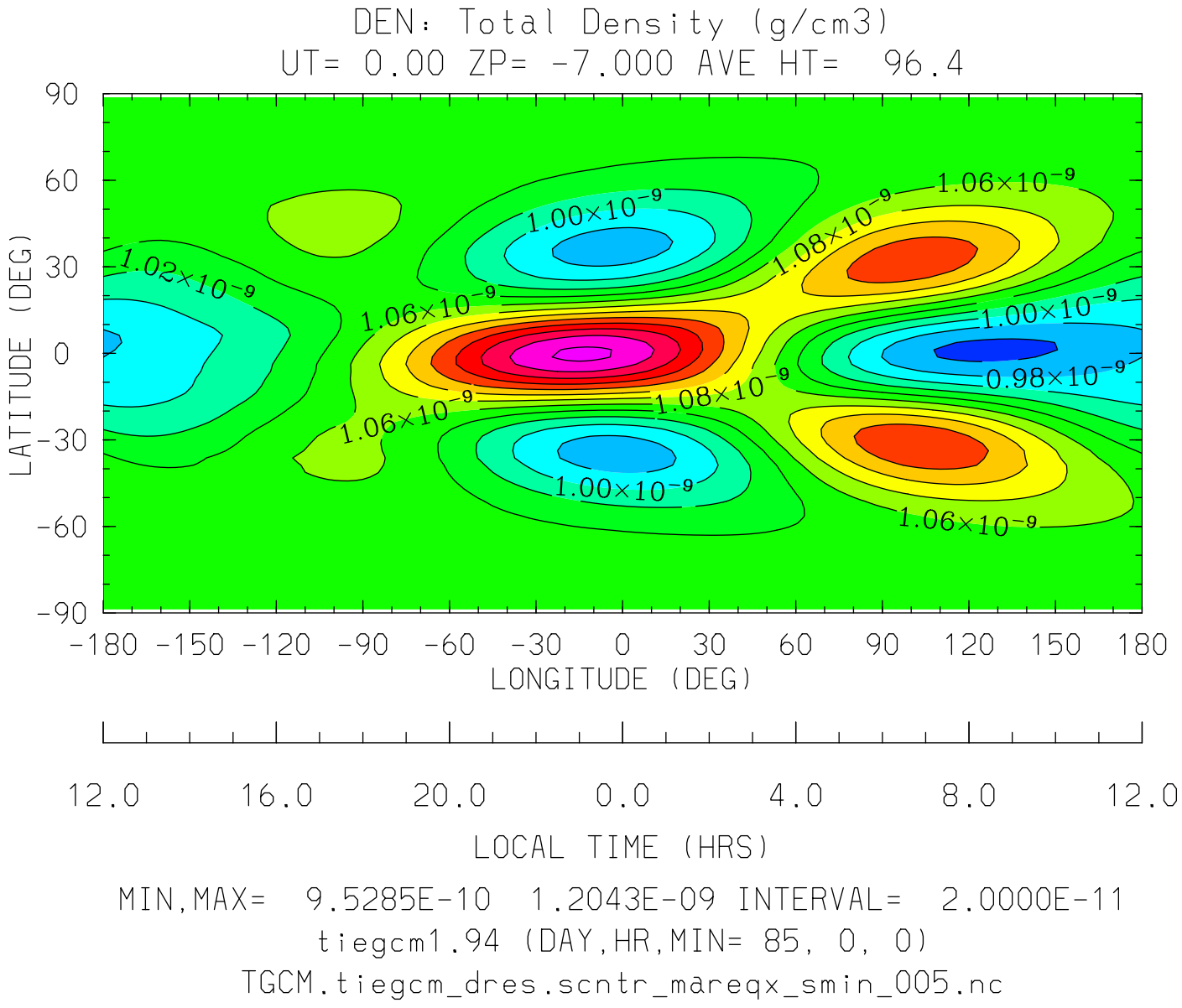

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 266.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
500
1000
MIN,MAX= -6.7929E+03 3.7650E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= -2.7875E+03 1.3424E+03 INTERVAL= 2.5000E+02

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

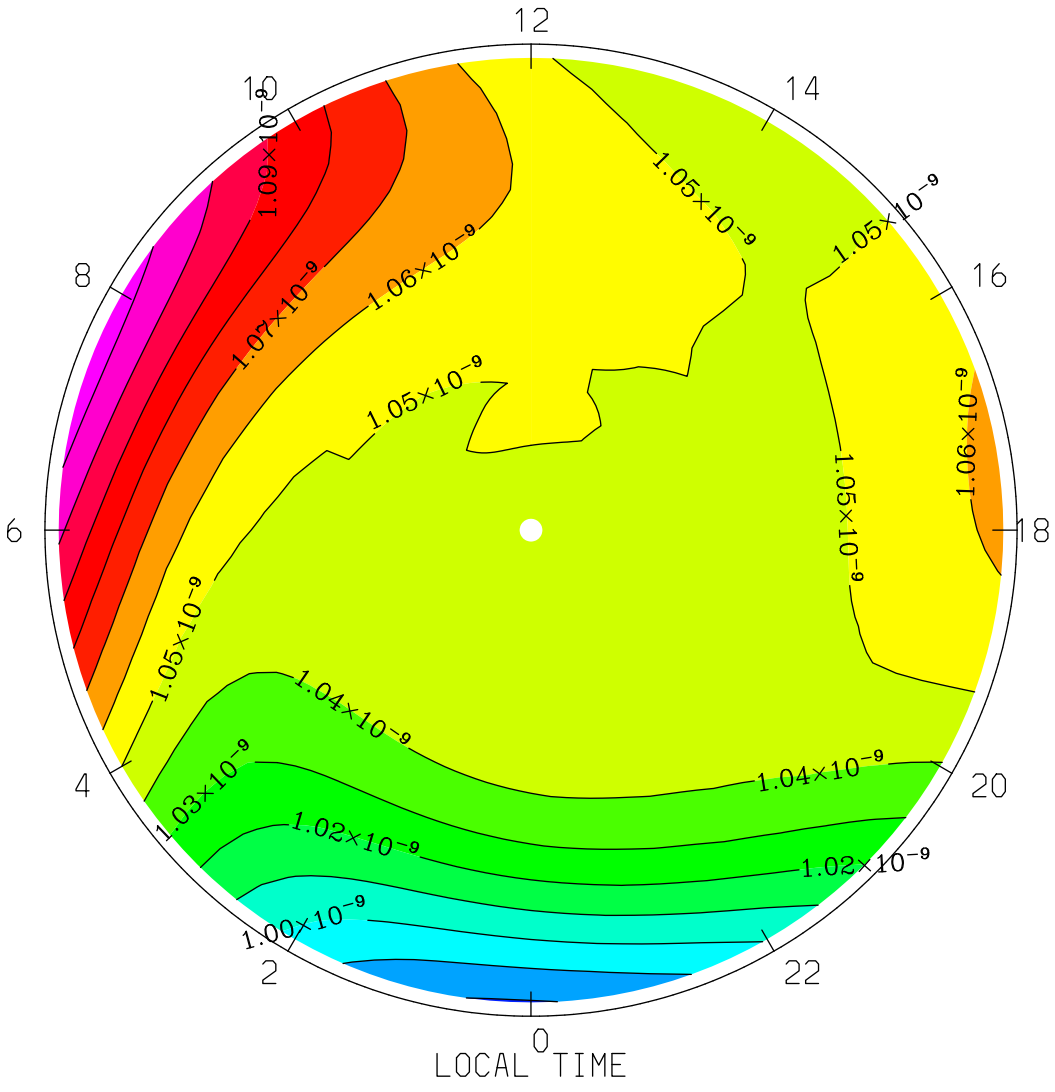
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 9.5285E-10 1.2043E-09 INTERVAL= 2.0000E-11

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

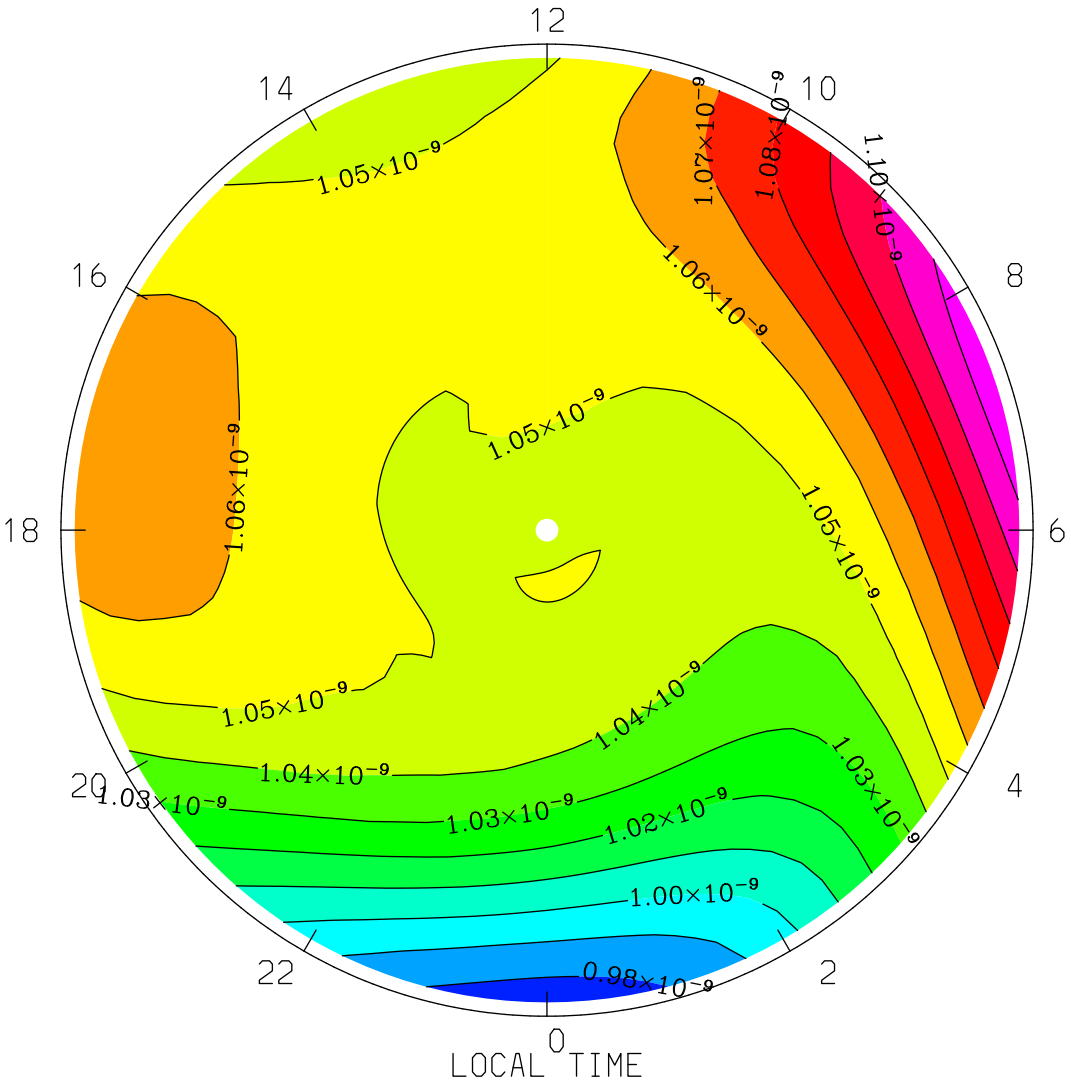
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 9.7925E-10 1.1159E-09 INTERVAL= 1.0000E-11

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

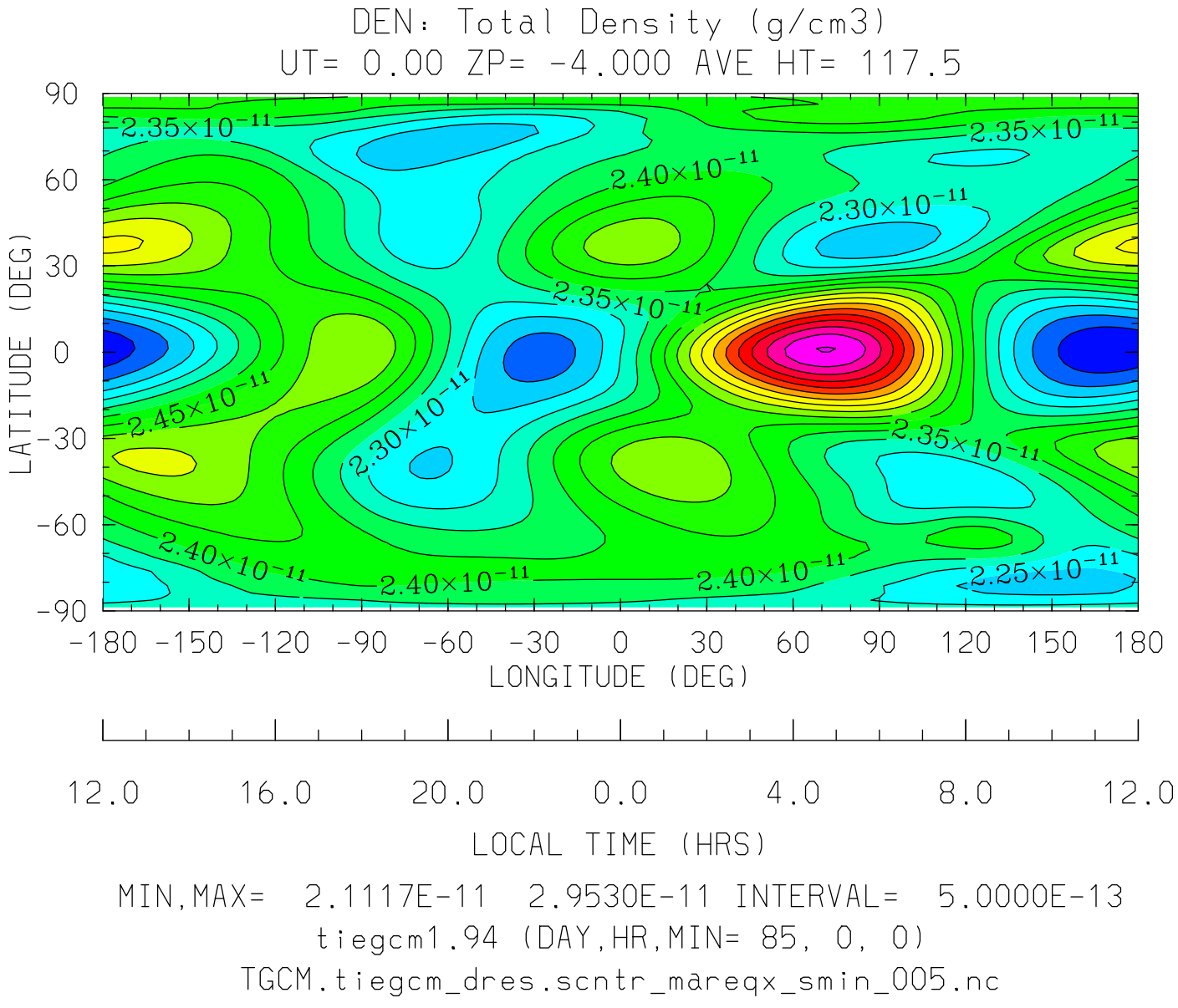
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 9.7452E-10 1.1170E-09 INTERVAL= 1.0000E-11

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

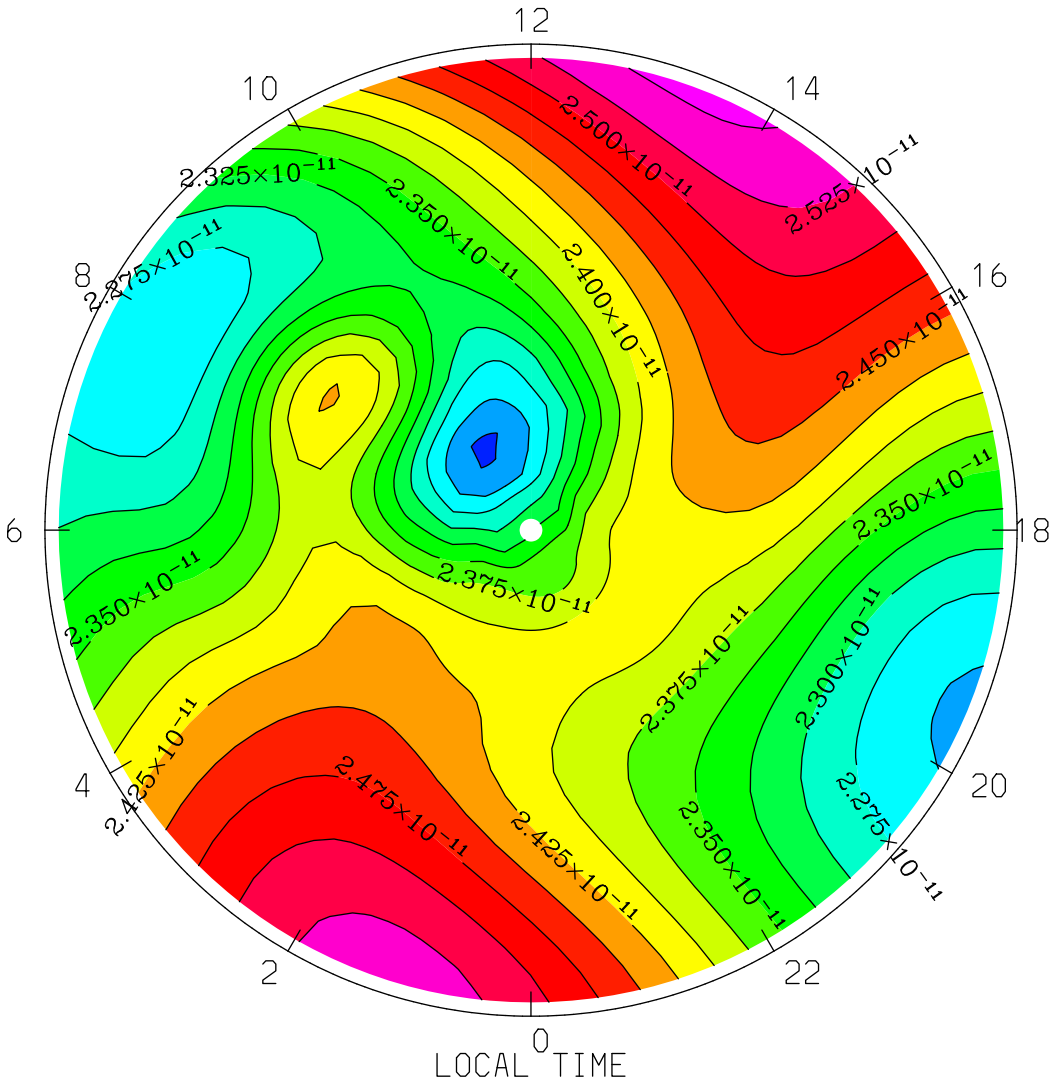
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 2.1117E-11 2.9530E-11 INTERVAL= 5.0000E-13

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

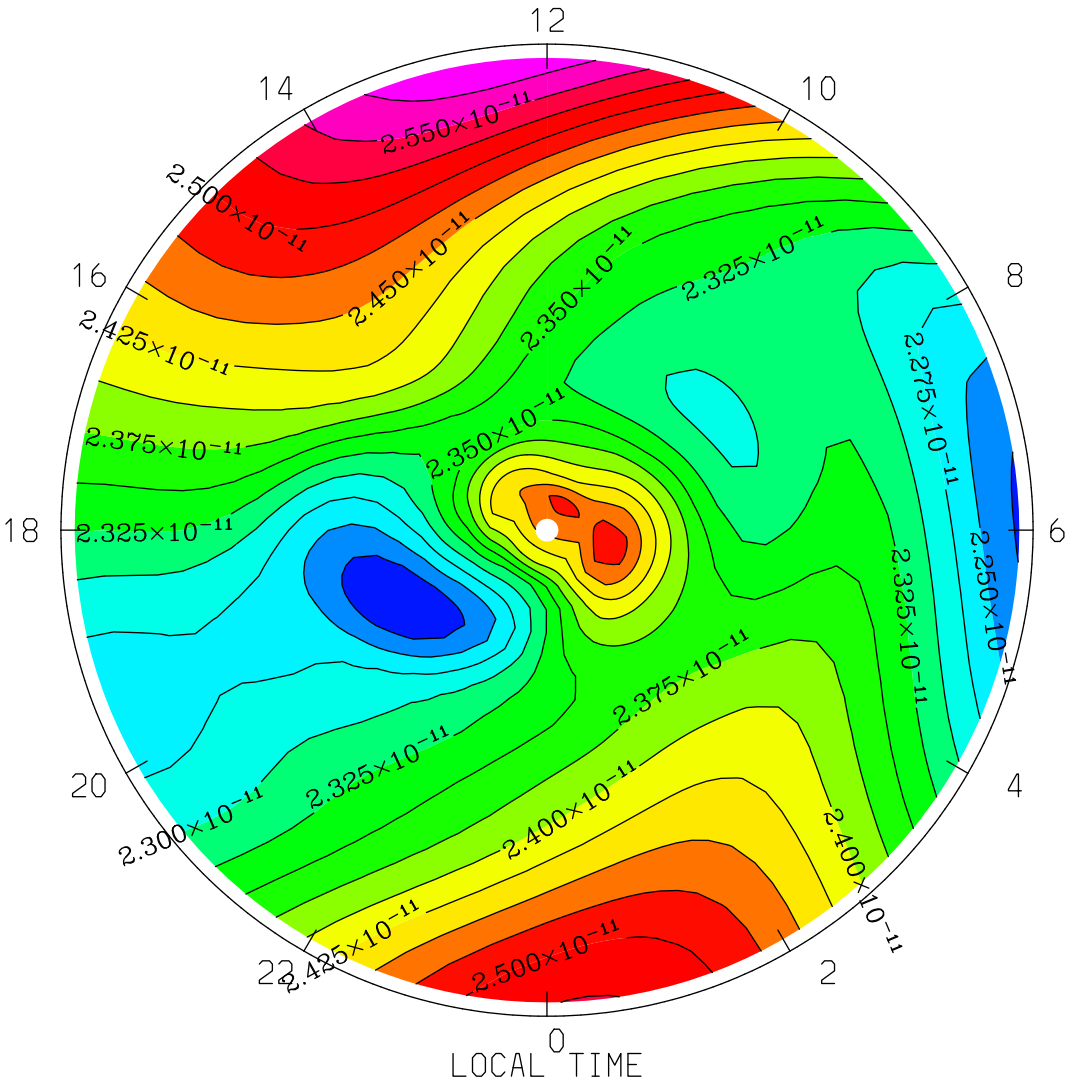
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 2.2223E-11 2.5572E-11 INTERVAL= 2.5000E-13

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

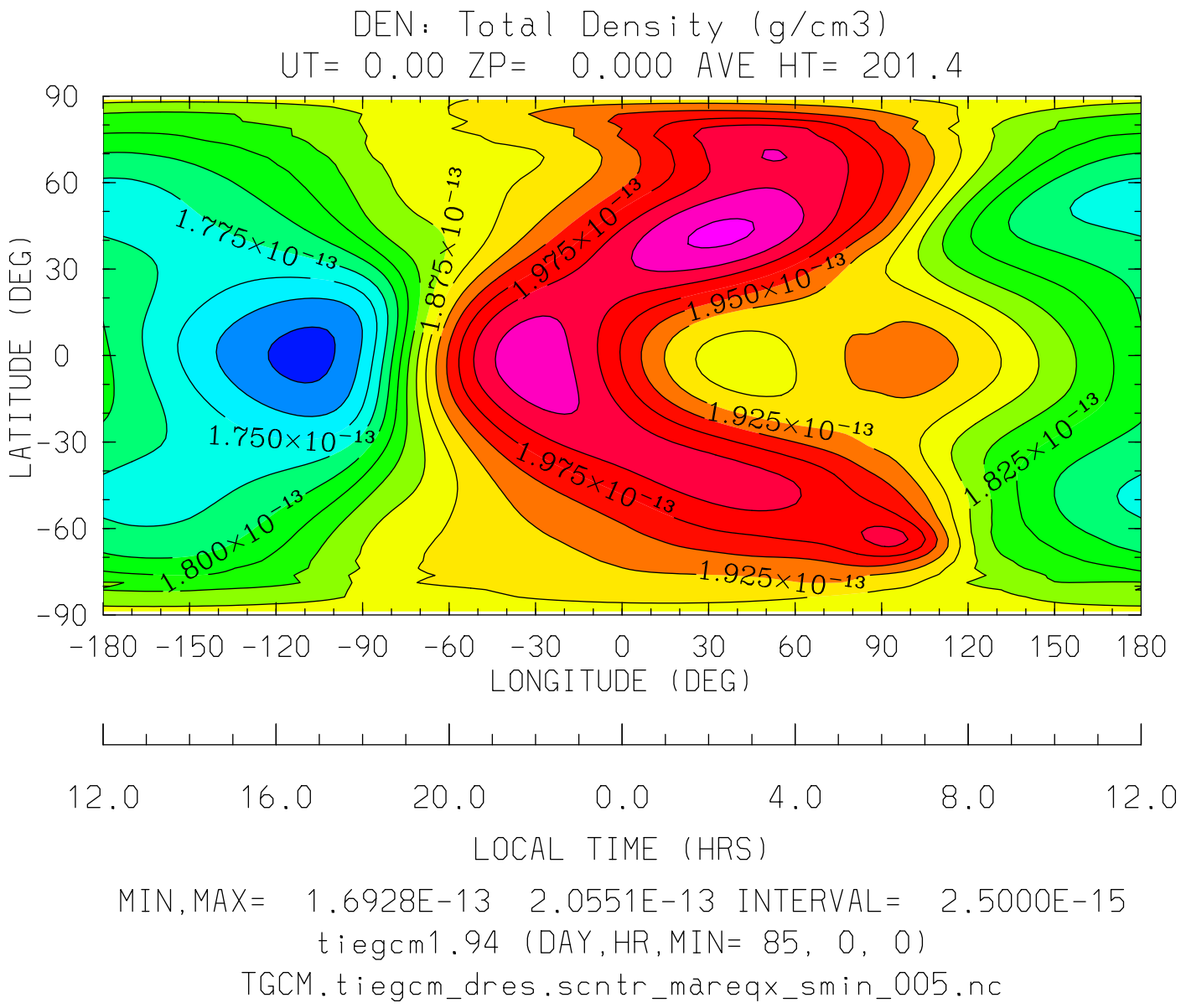
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 2.2029E-11 2.5965E-11 INTERVAL= 2.5000E-13

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

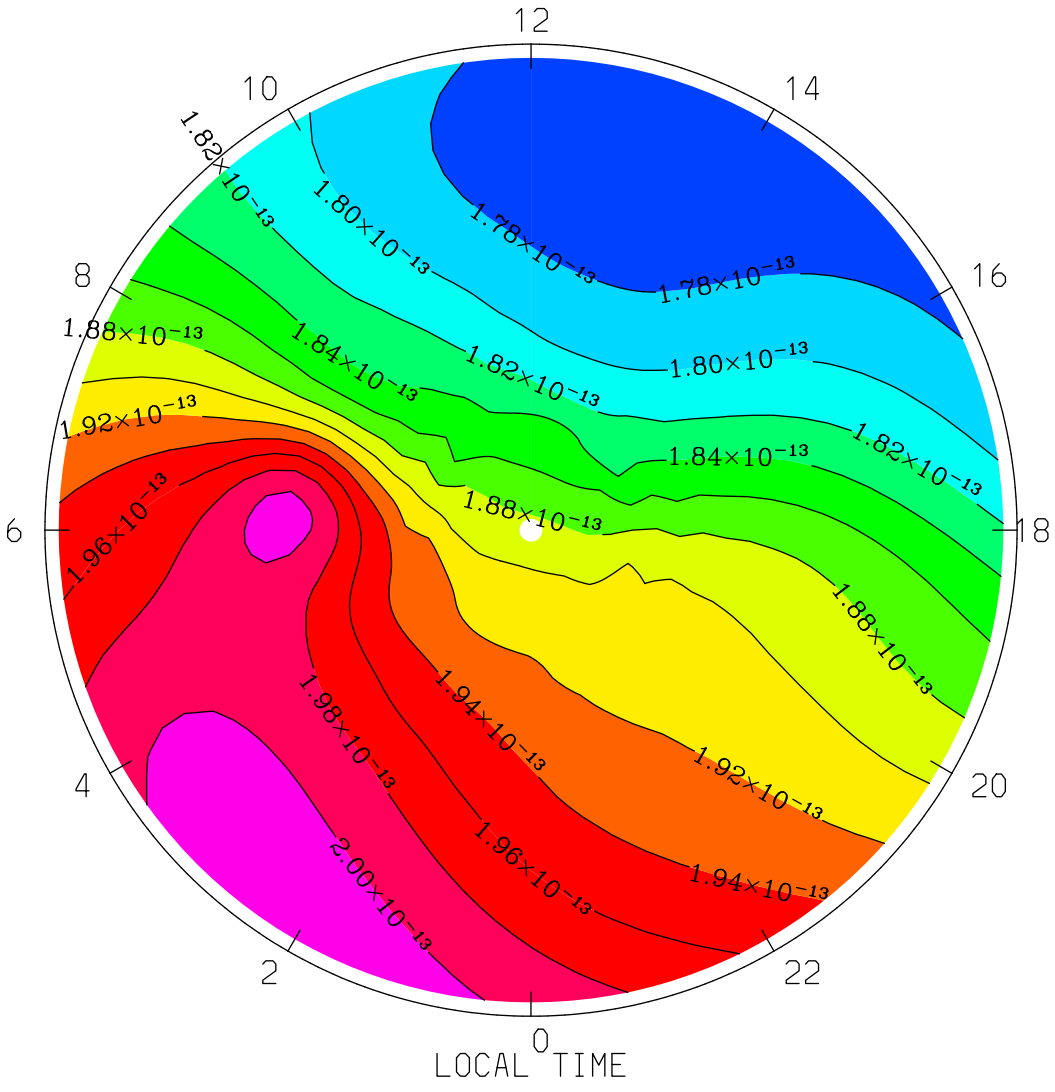
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 1.6928E-13 2.0551E-13 INTERVAL= 2.5000E-15

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

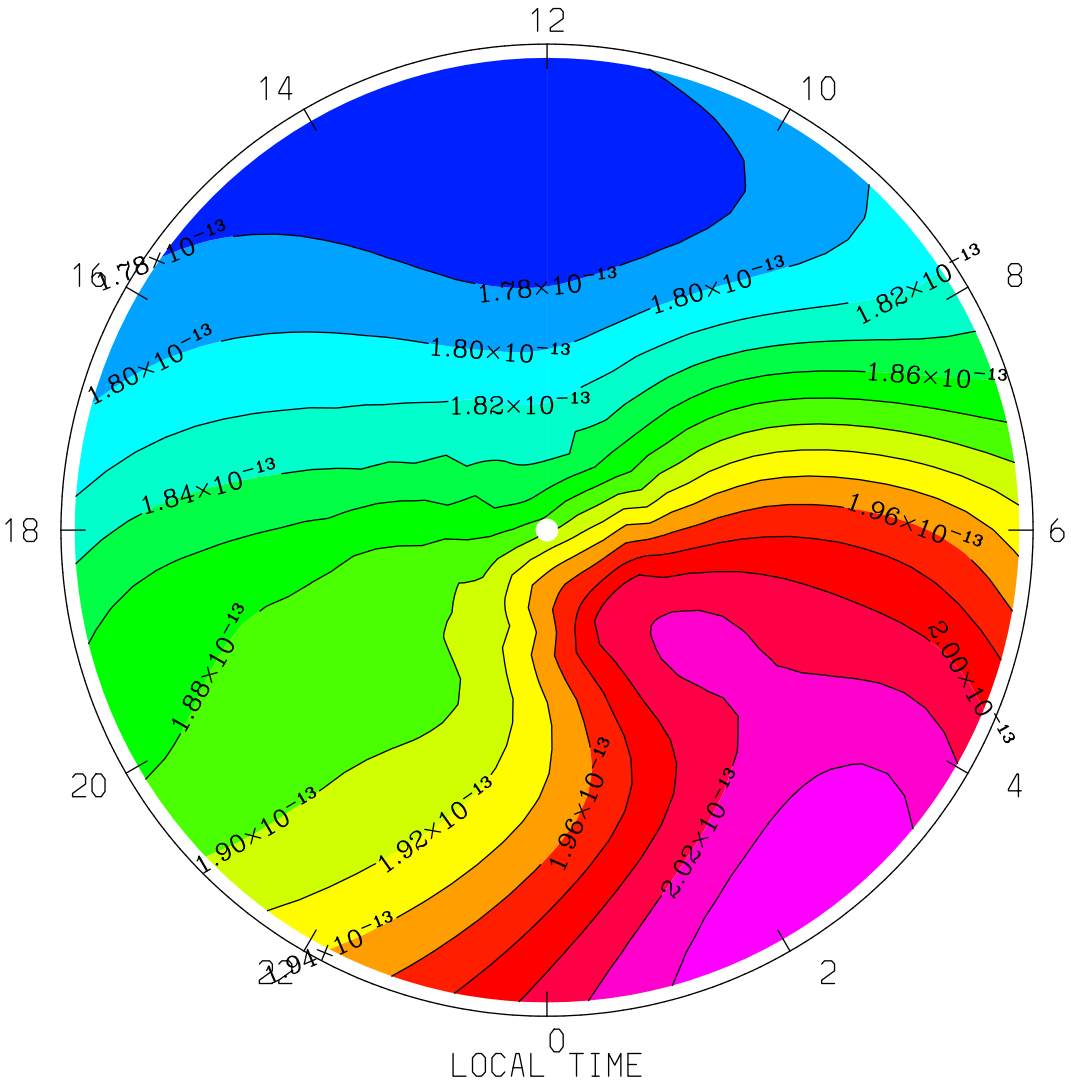
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 1.7669E-13 2.0115E-13 INTERVAL= 2.0000E-15

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

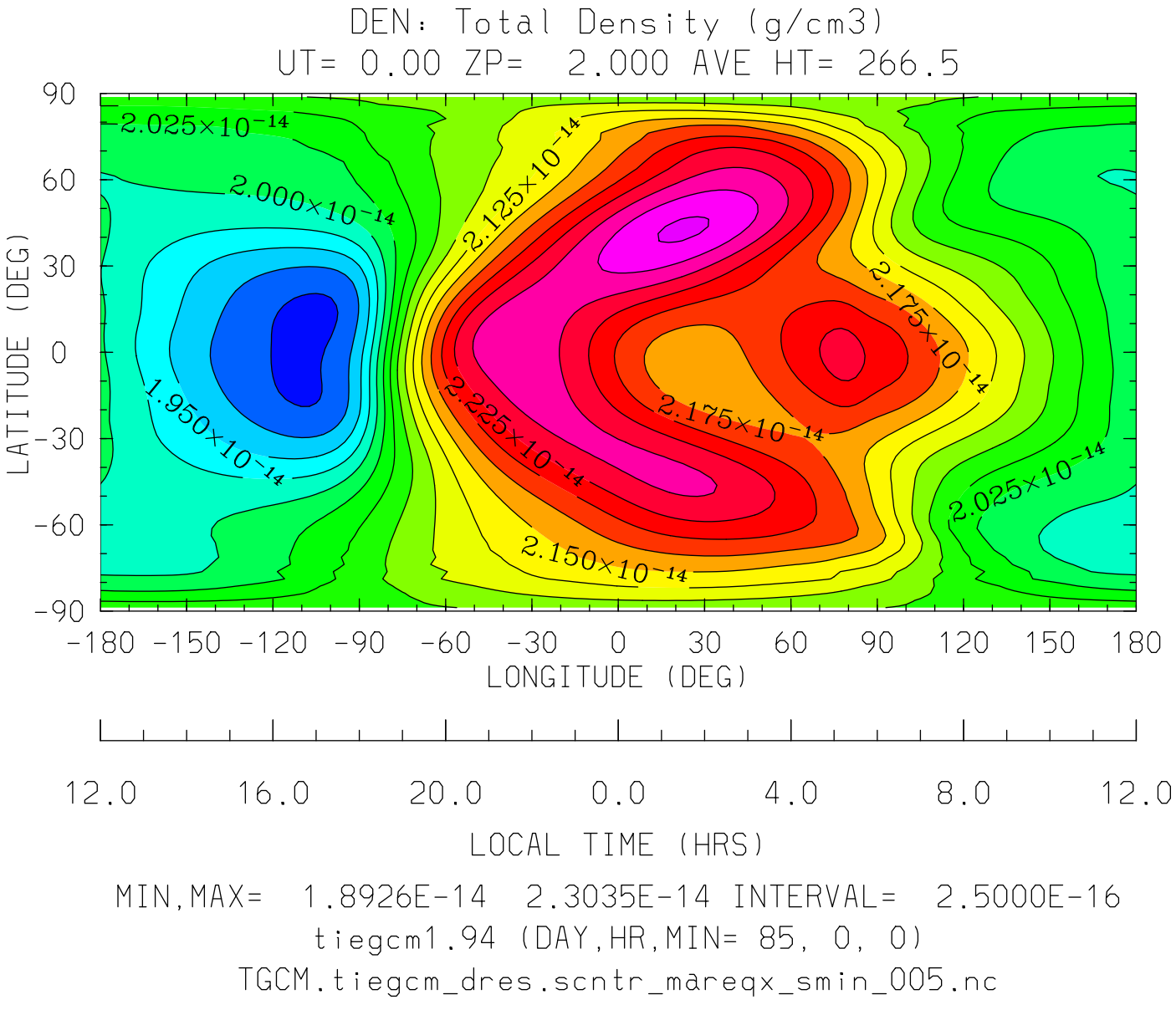
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

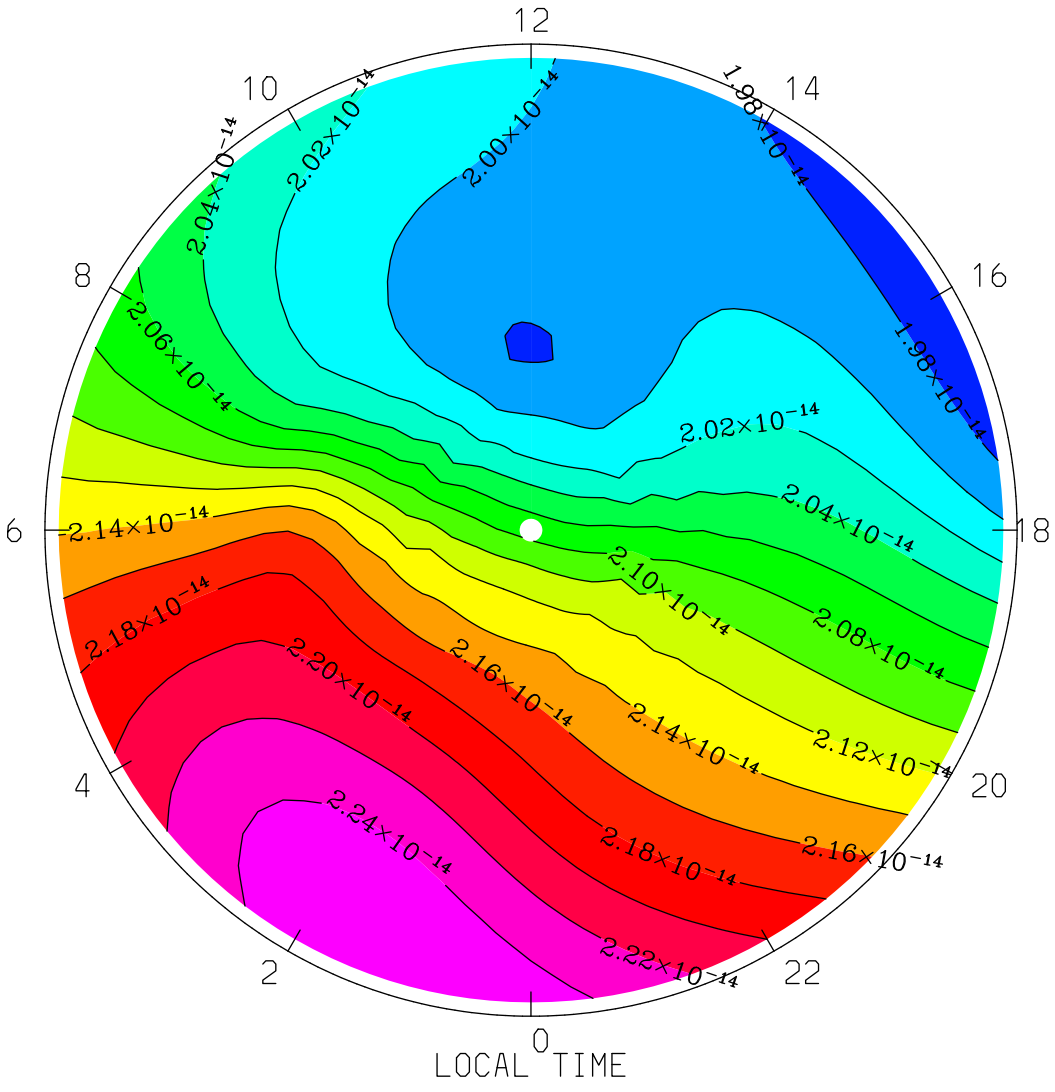


MIN,MAX= 1.7658E-13 2.0551E-13 INTERVAL= 2.0000E-15

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

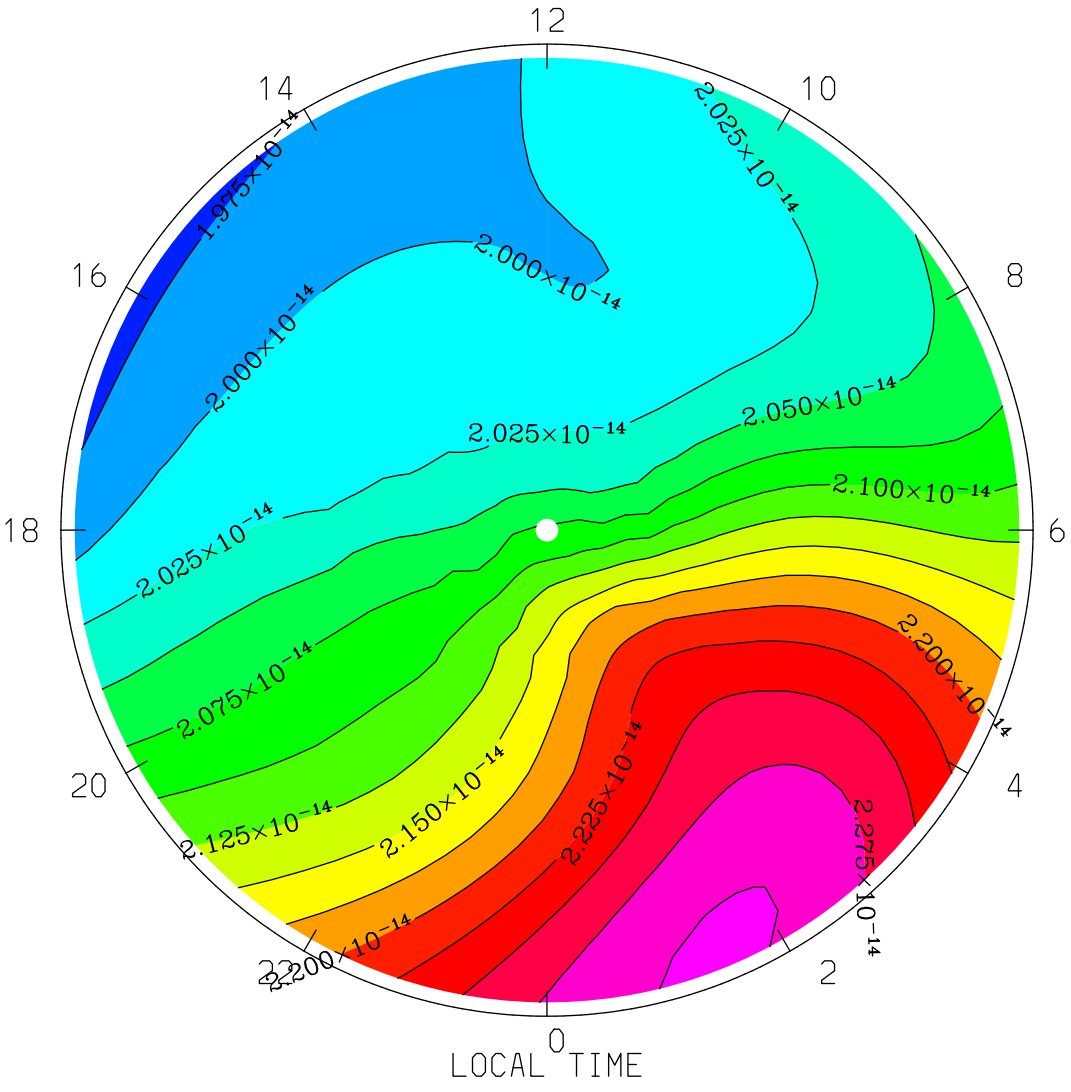

DEN: Total Density (g/cm3)
UT= 0.00 ZP= 2.000 AVE HT= 266.5
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
2.025×10⁻¹⁴
2.000×10⁻¹⁴
1.950×10⁻¹⁴
2.125×10⁻¹⁴
2.175×10⁻¹⁴
2.225×10⁻¹⁴
2.150×10⁻¹⁴
2.025×10⁻¹⁴
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.8926E-14 2.3035E-14 INTERVAL= 2.5000E-16
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 1.9657E-14 2.2561E-14 INTERVAL= 2.0000E-16

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

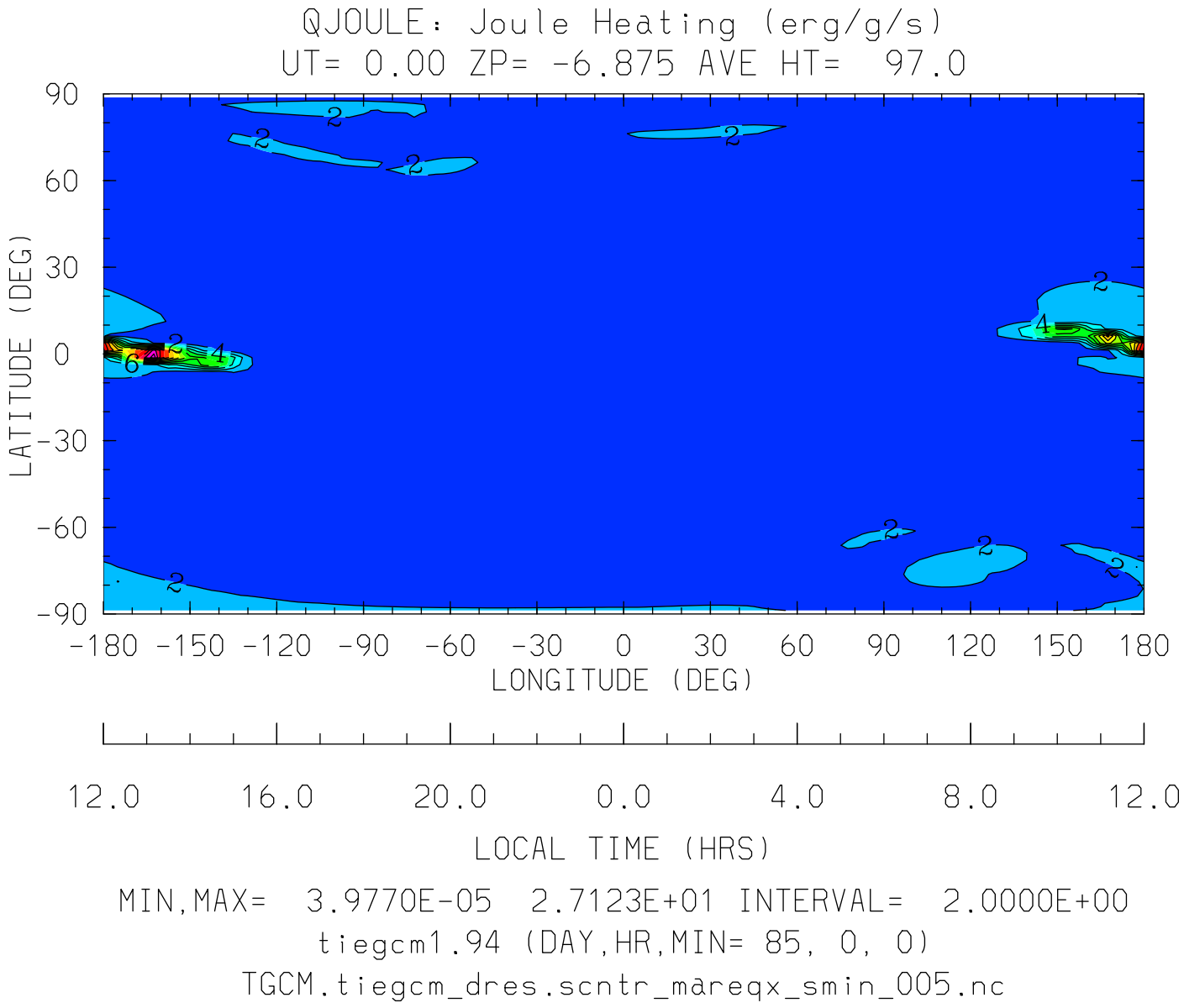
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

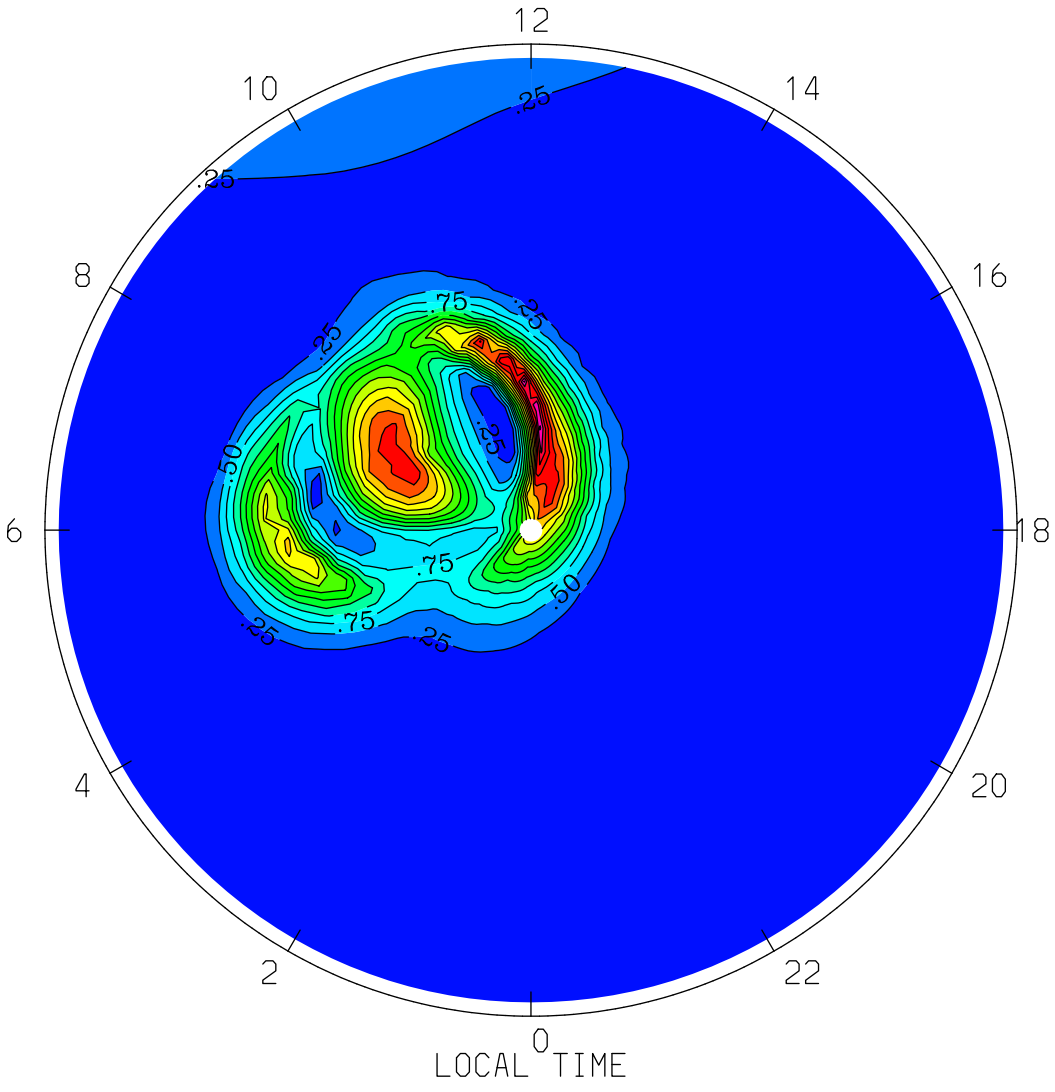


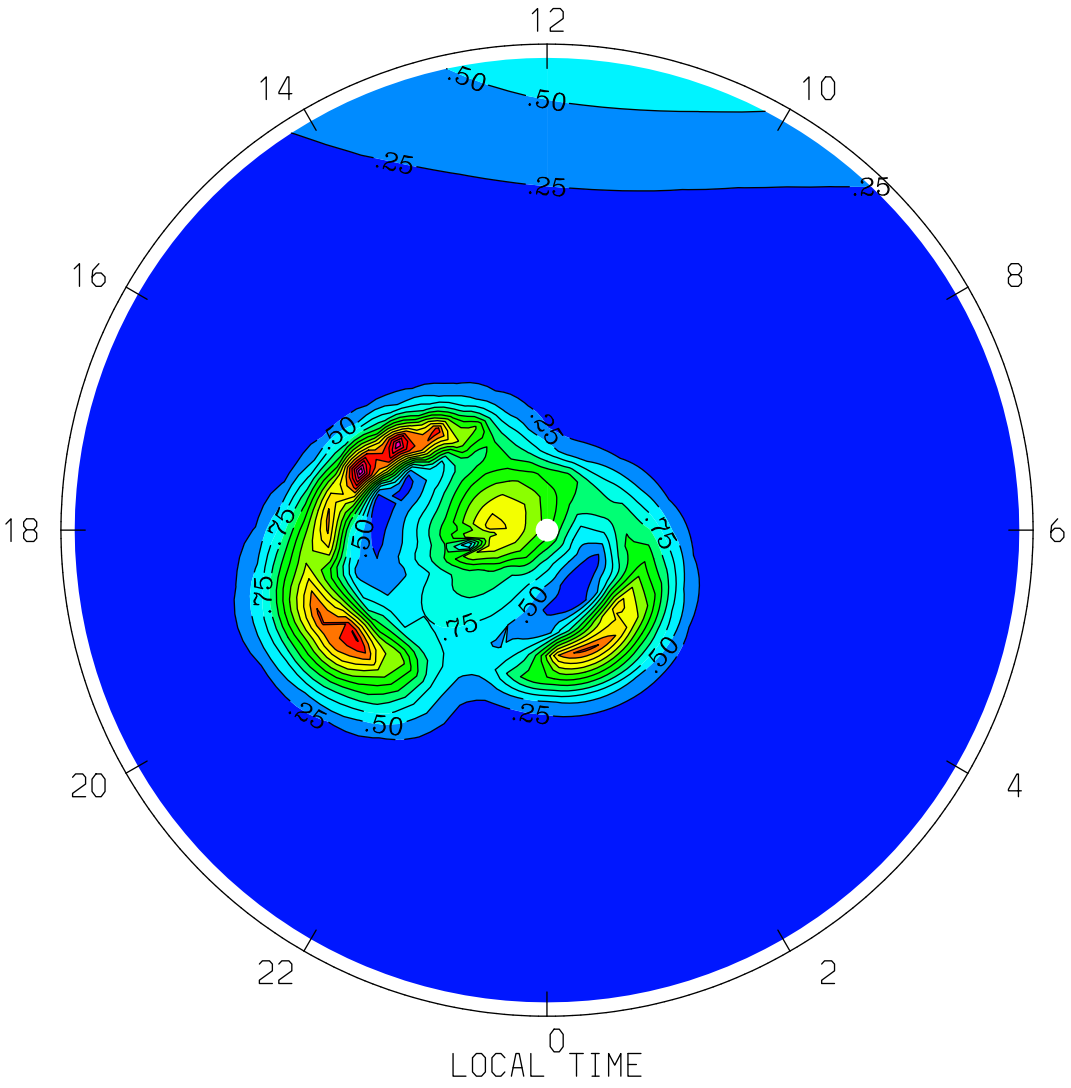
MIN,MAX= 1.9685E-14 2.3035E-14 INTERVAL= 2.5000E-16

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

TGCM.tiegcm_dres.scntr_mareqx_smin_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= 3.9770E-05 2.7123E+01 INTERVAL= 2.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

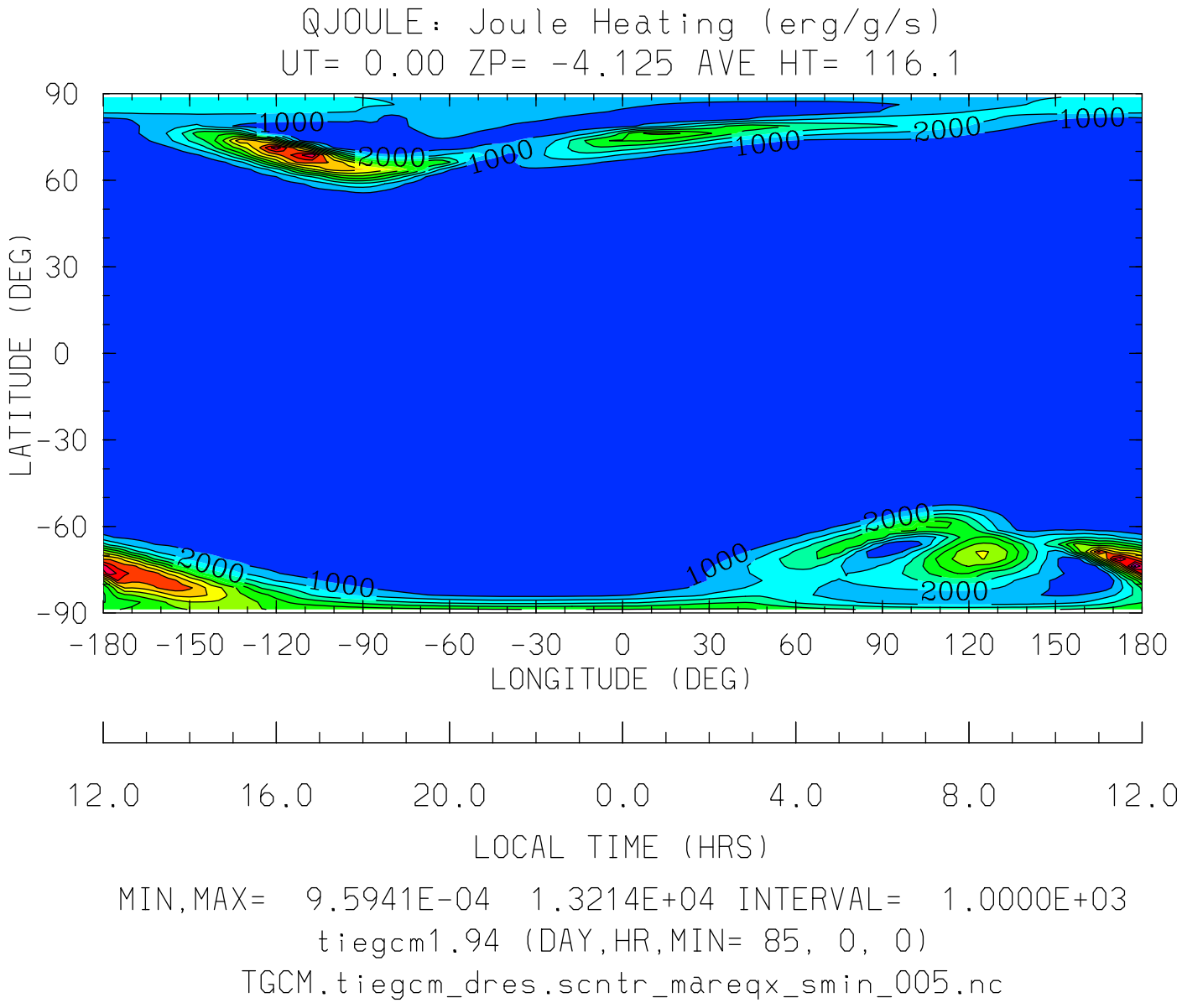

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
.25
.50
.75
MAX
MIN,MAX= 3.7555E-04 4.0696E+00 INTERVAL= 2.5000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

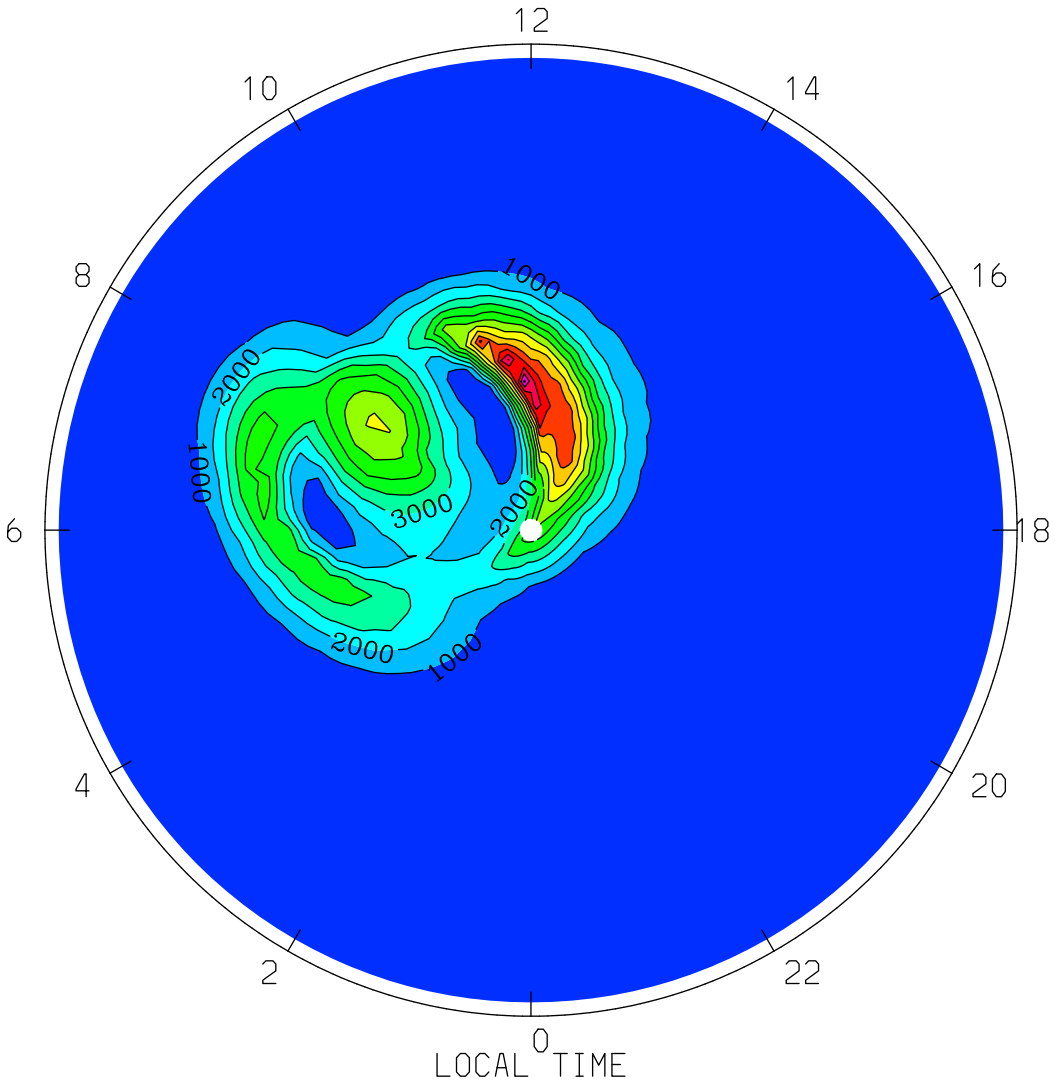


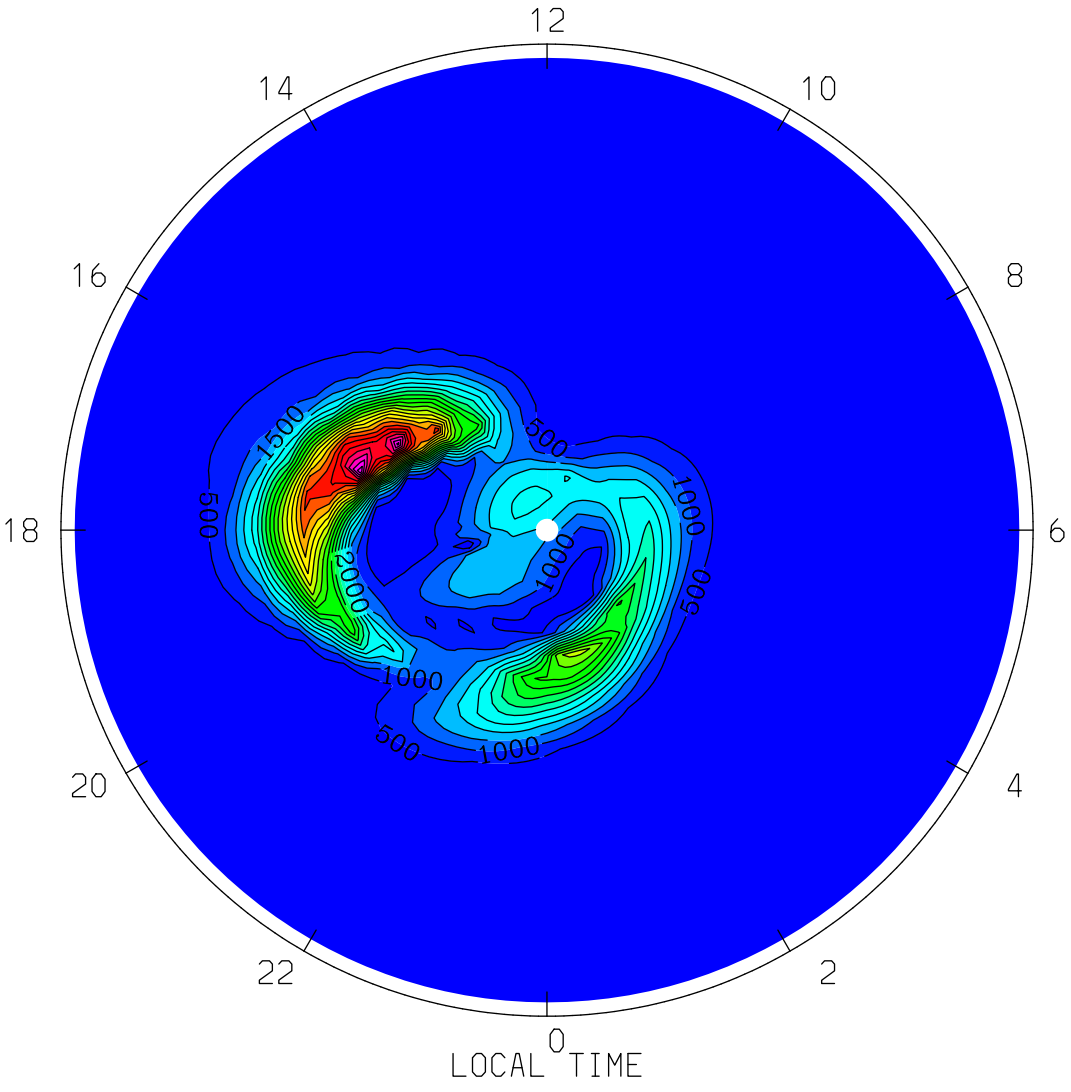
MIN,MAX= 2.7826E-04 3.9729E+00 INTERVAL= 2.5000E-01

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -4.125 AVE HT= 116.1
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
1000
2000
-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= 9.5941E-04 1.3214E+04 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

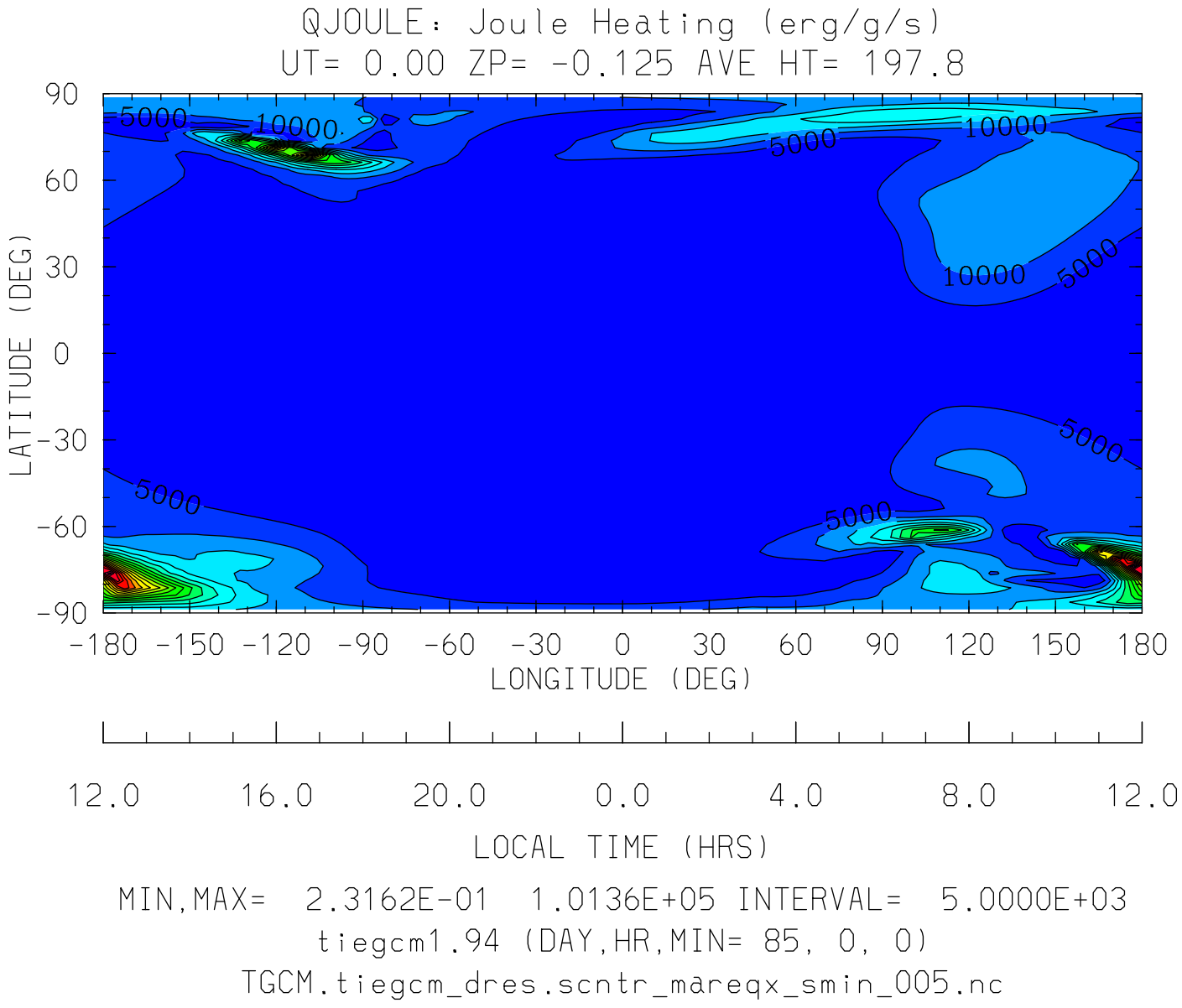

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -4.125 AVE HT= 116.1 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
1000
2000
3000
2000
1000
2000
1000
LOCAL TIME
MIN,MAX= 2.6454E-02 1.3214E+04 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



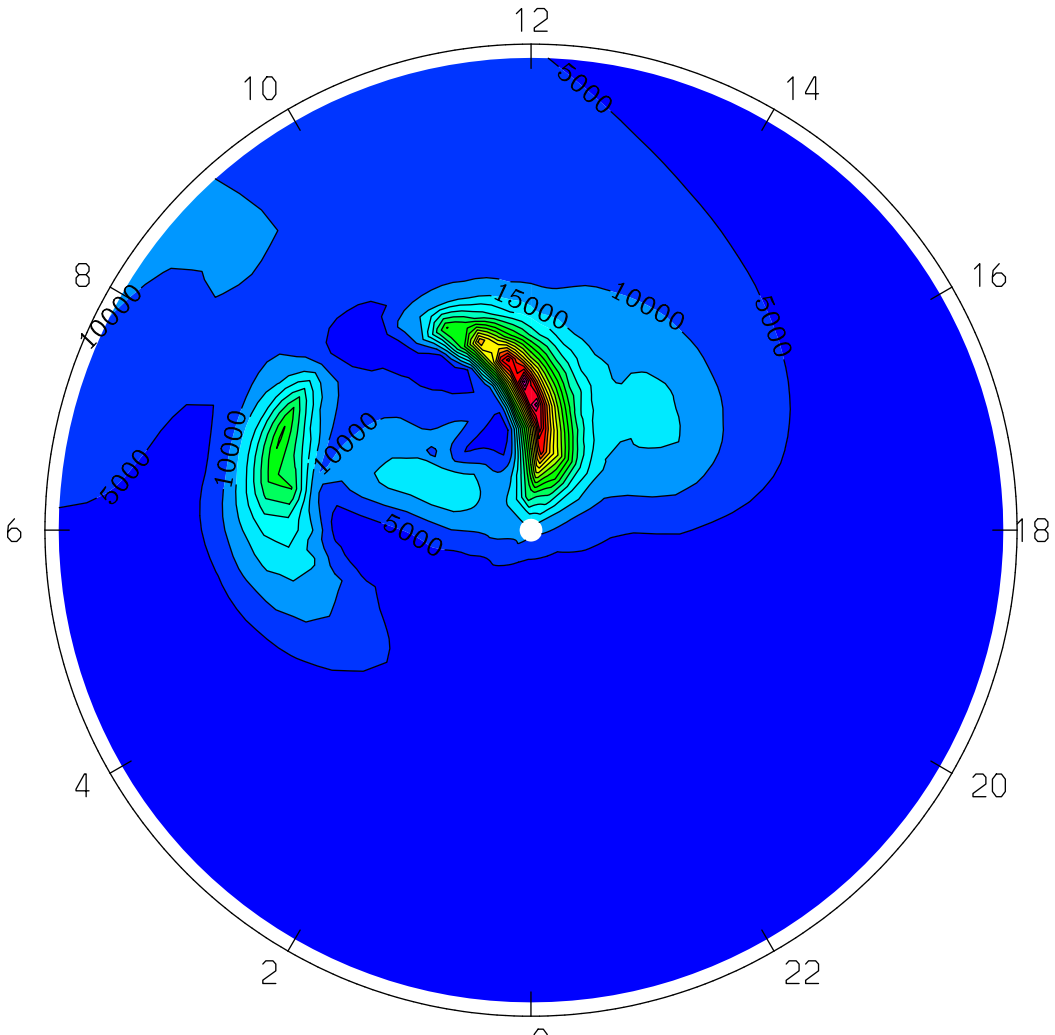
MIN,MAX= 3.9246E-01 1.1878E+04 INTERVAL= 5.0000E+02

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

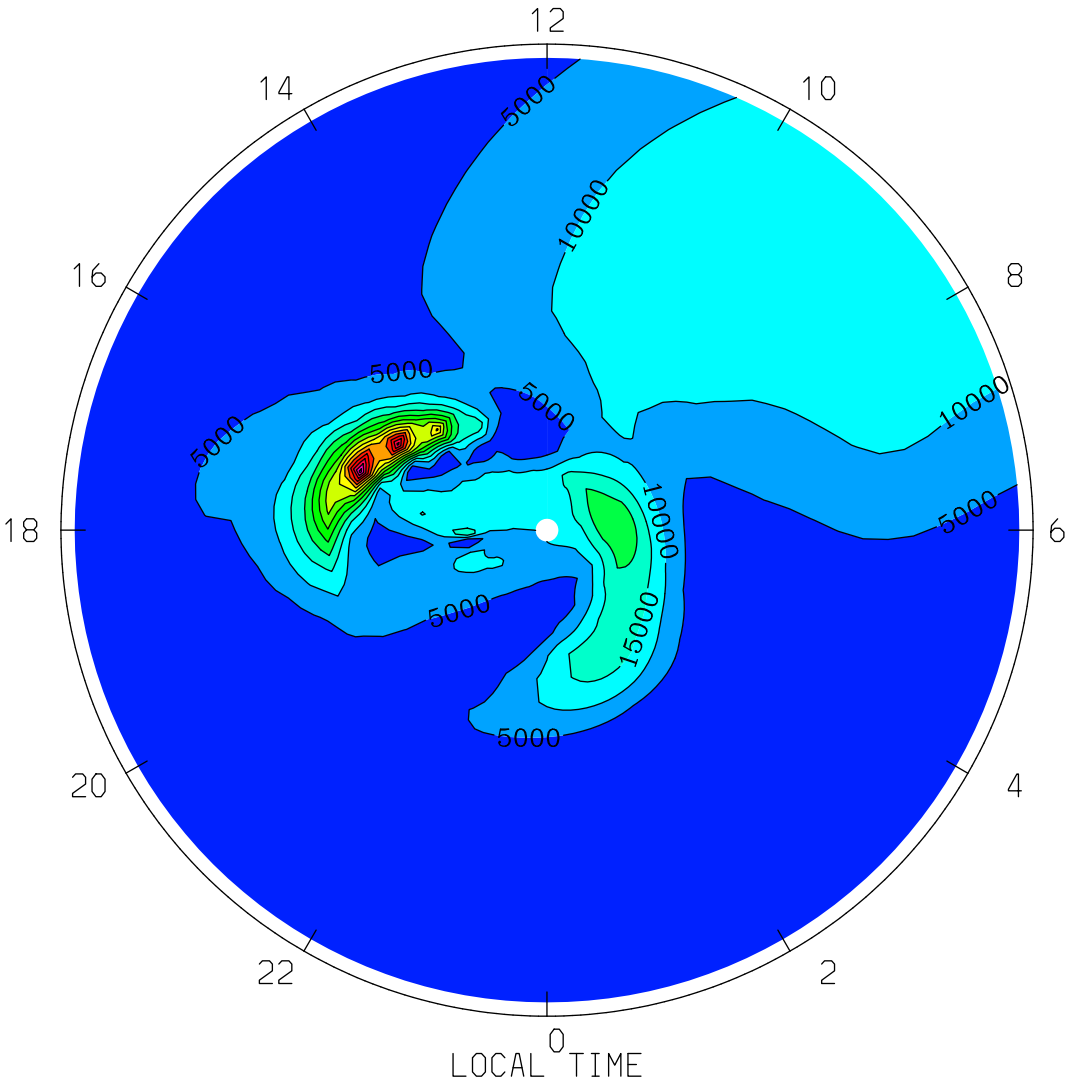

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -0.125 AVE HT= 197.8
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
5000
10000
5000
10000
10000
5000
5000
5000
5000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.3162E-01 1.0136E+05 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -0.125 AVE HT= 197.8 PERIM-LAT=-40.0



LOCAL TIME

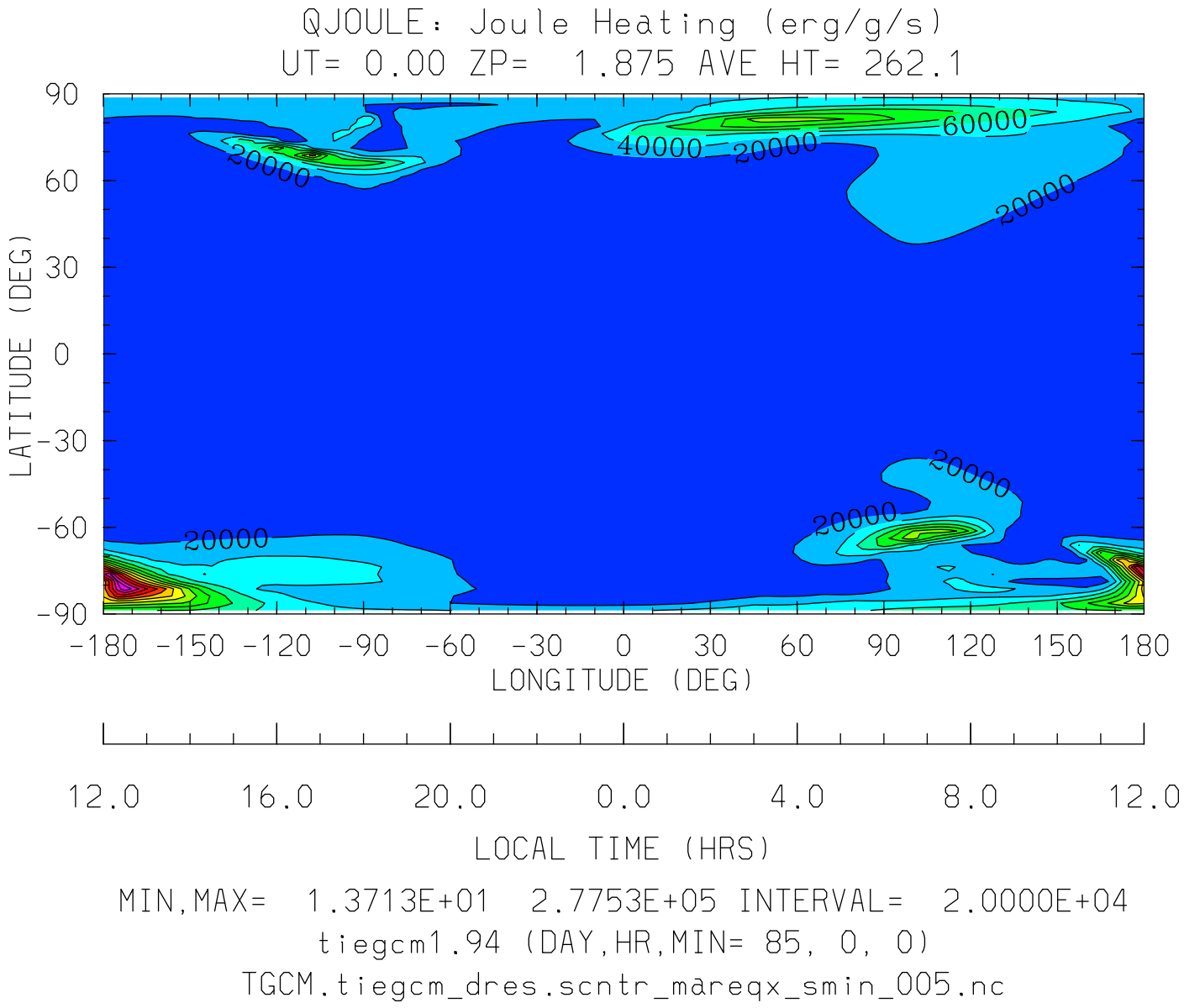
MIN,MAX= 7.6620E+01 1.0136E+05 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc



MIN,MAX= 2.3213E+01 7.2395E+04 INTERVAL= 5.0000E+03

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

TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

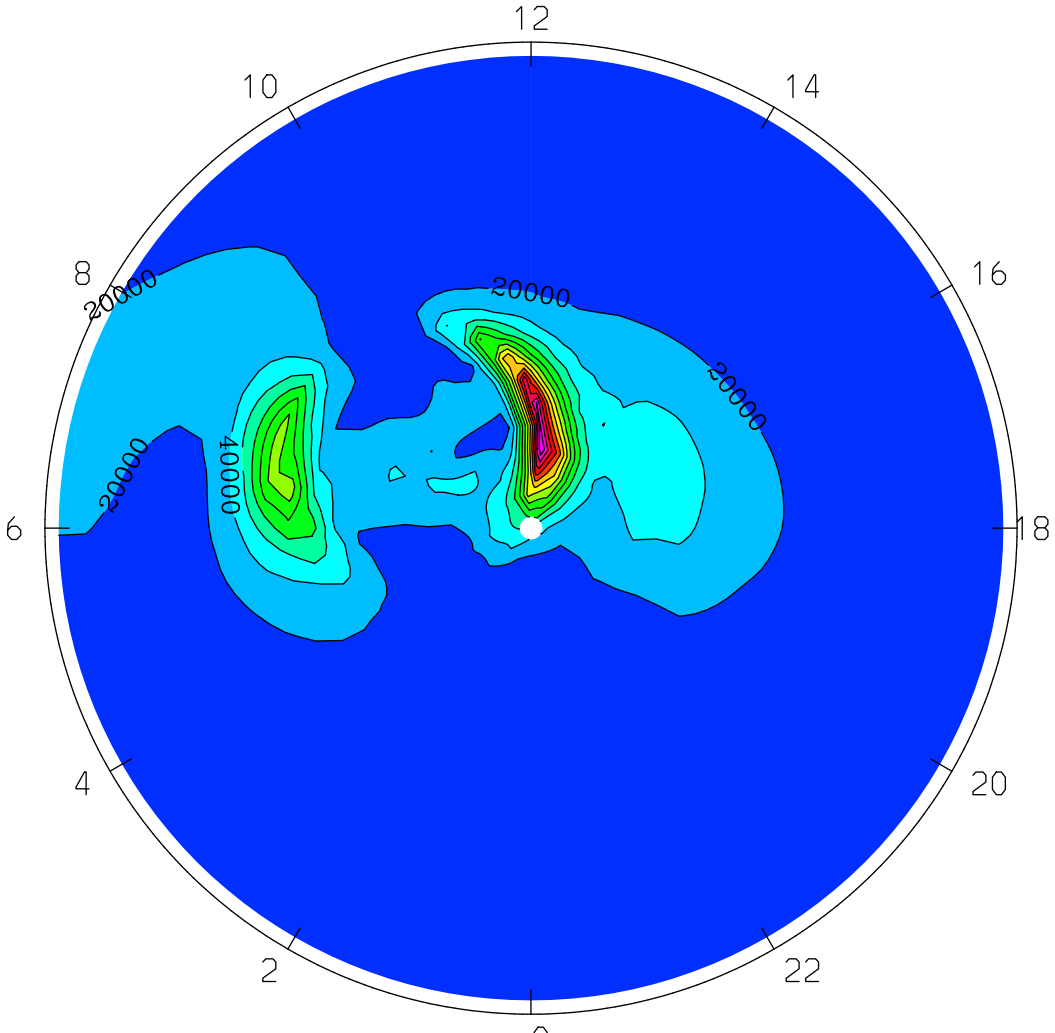


MIN,MAX= 1.3713E+01 2.7753E+05 INTERVAL= 2.0000E+04

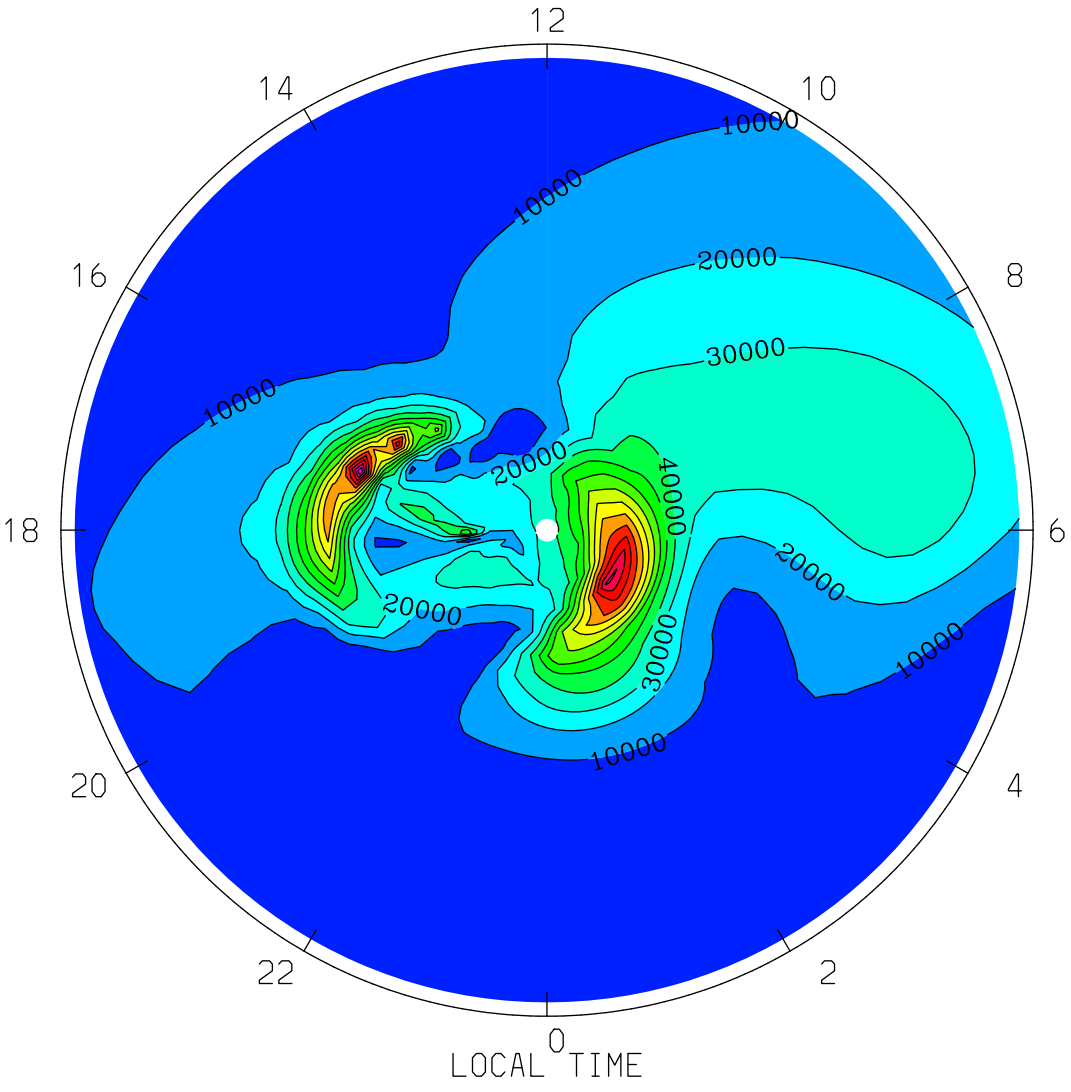
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

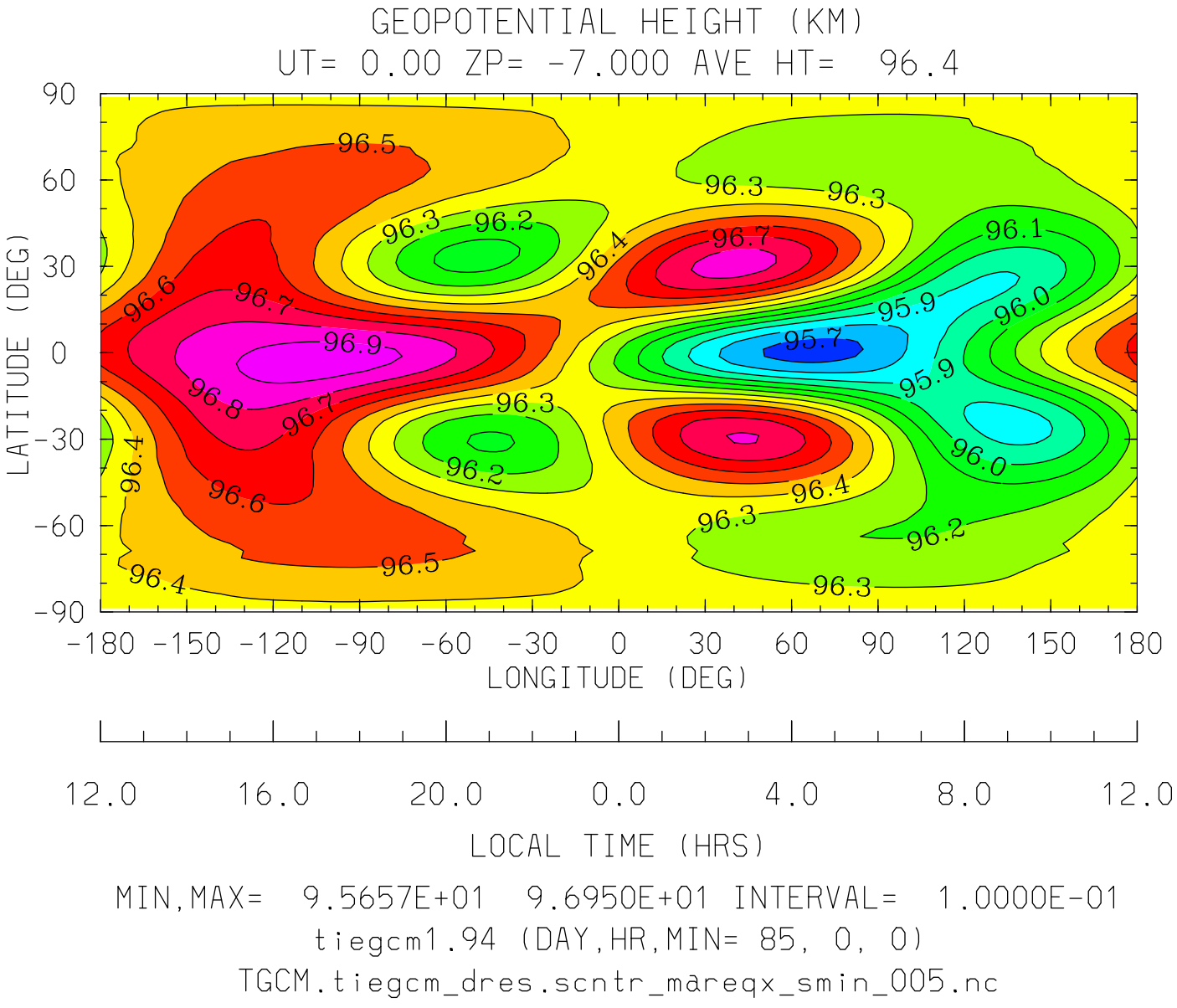
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

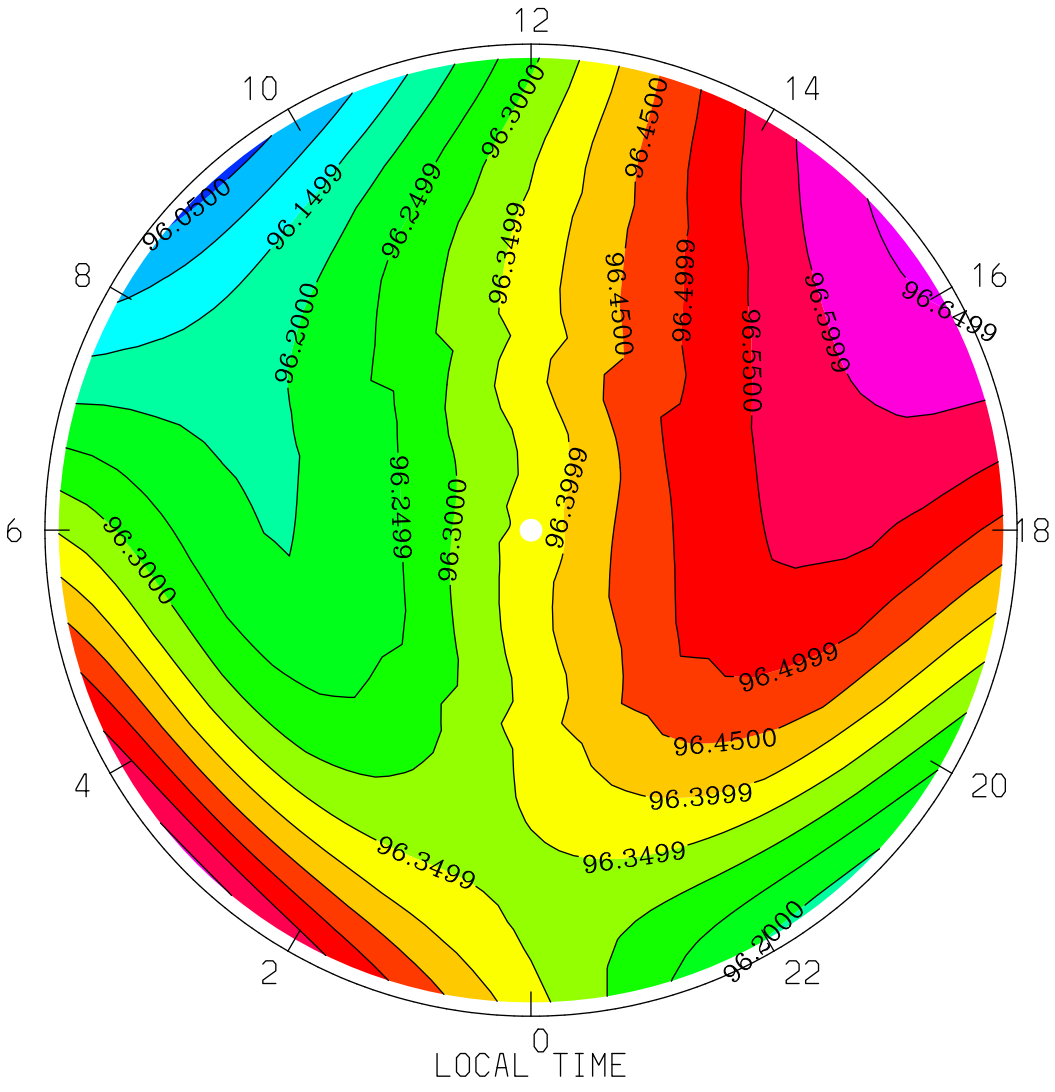
QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= 1.875 AVE HT= 262.1 PERIM-LAT=-40.0

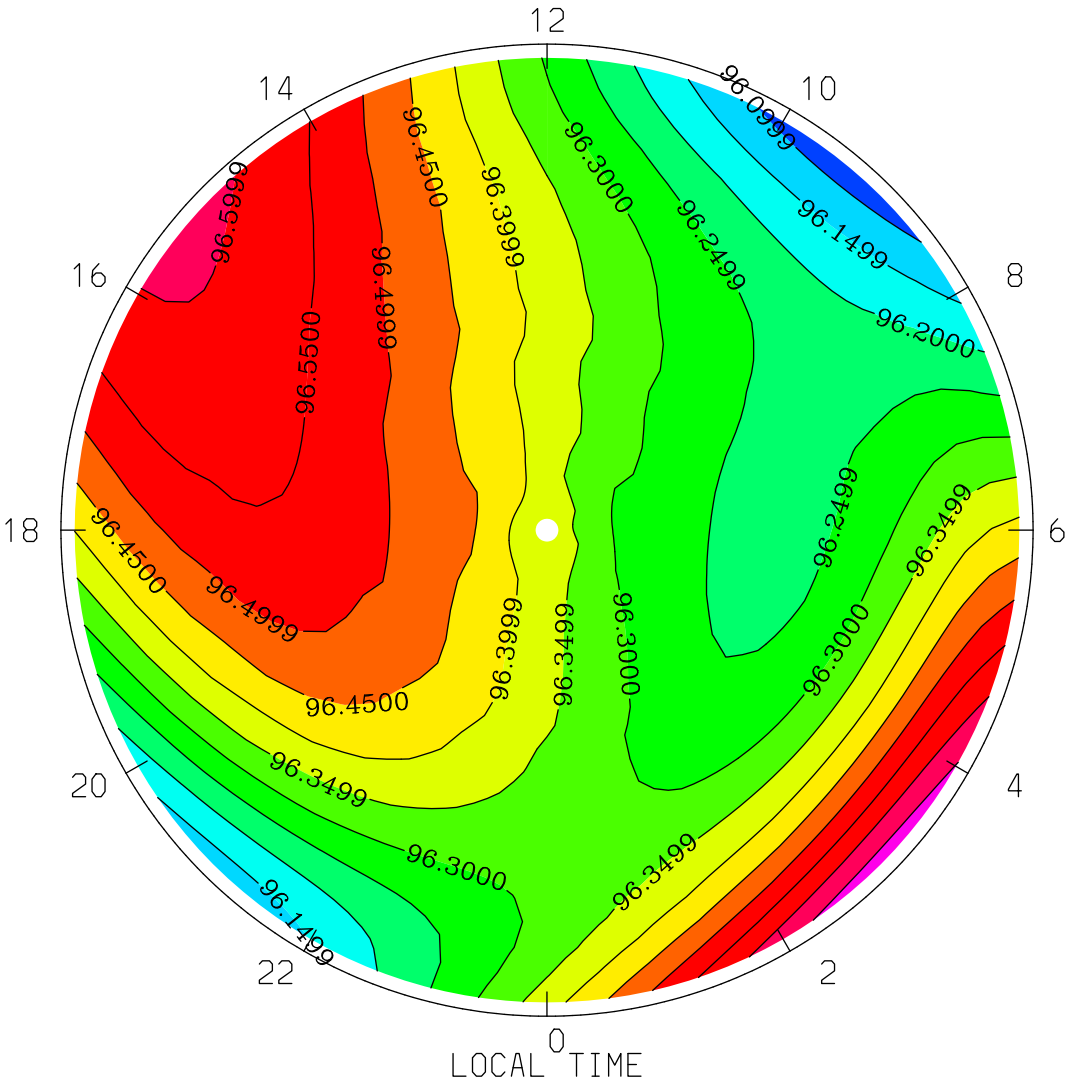


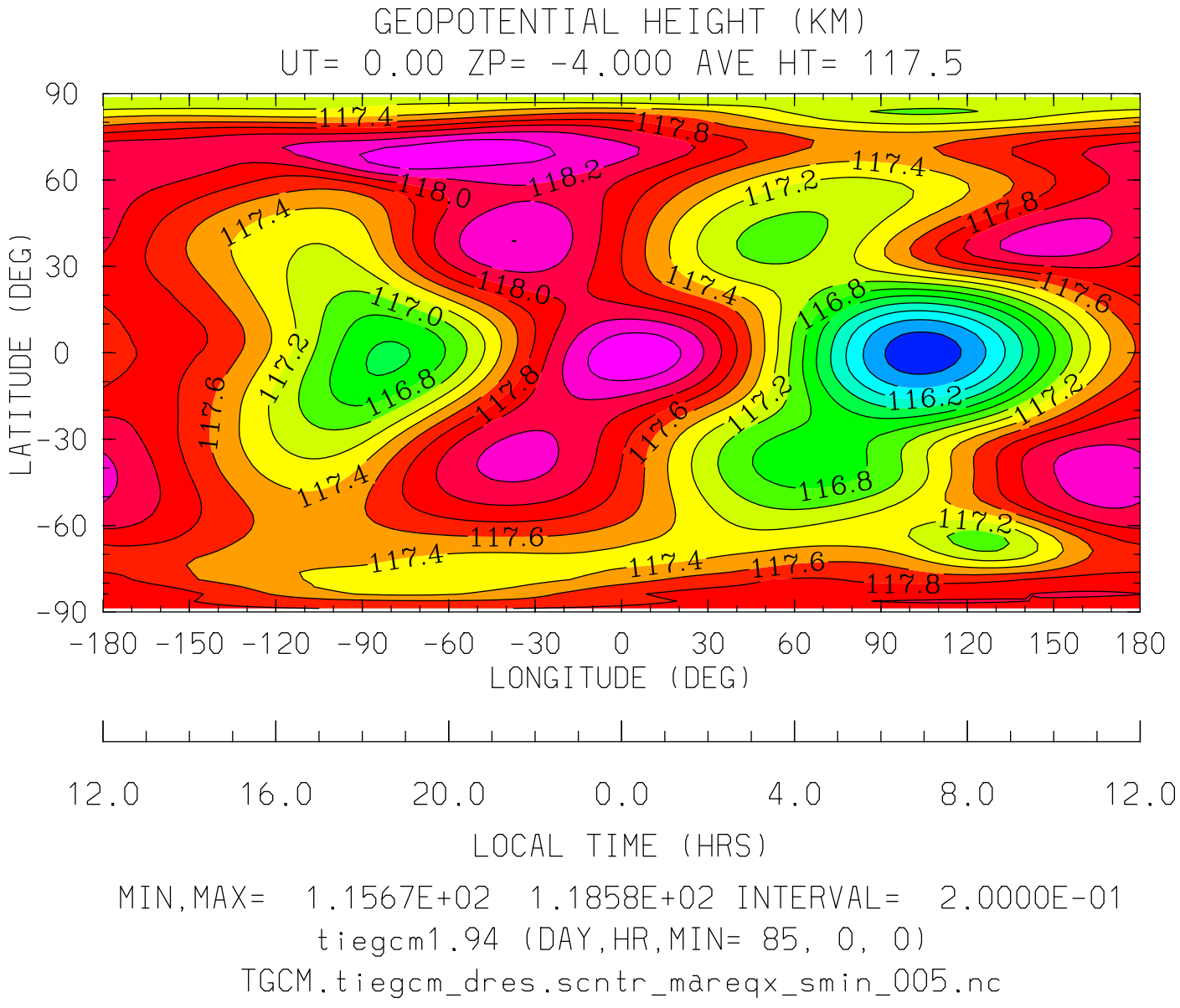
MIN,MAX= 7.0768E+01 2.7753E+05 INTERVAL= 2.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

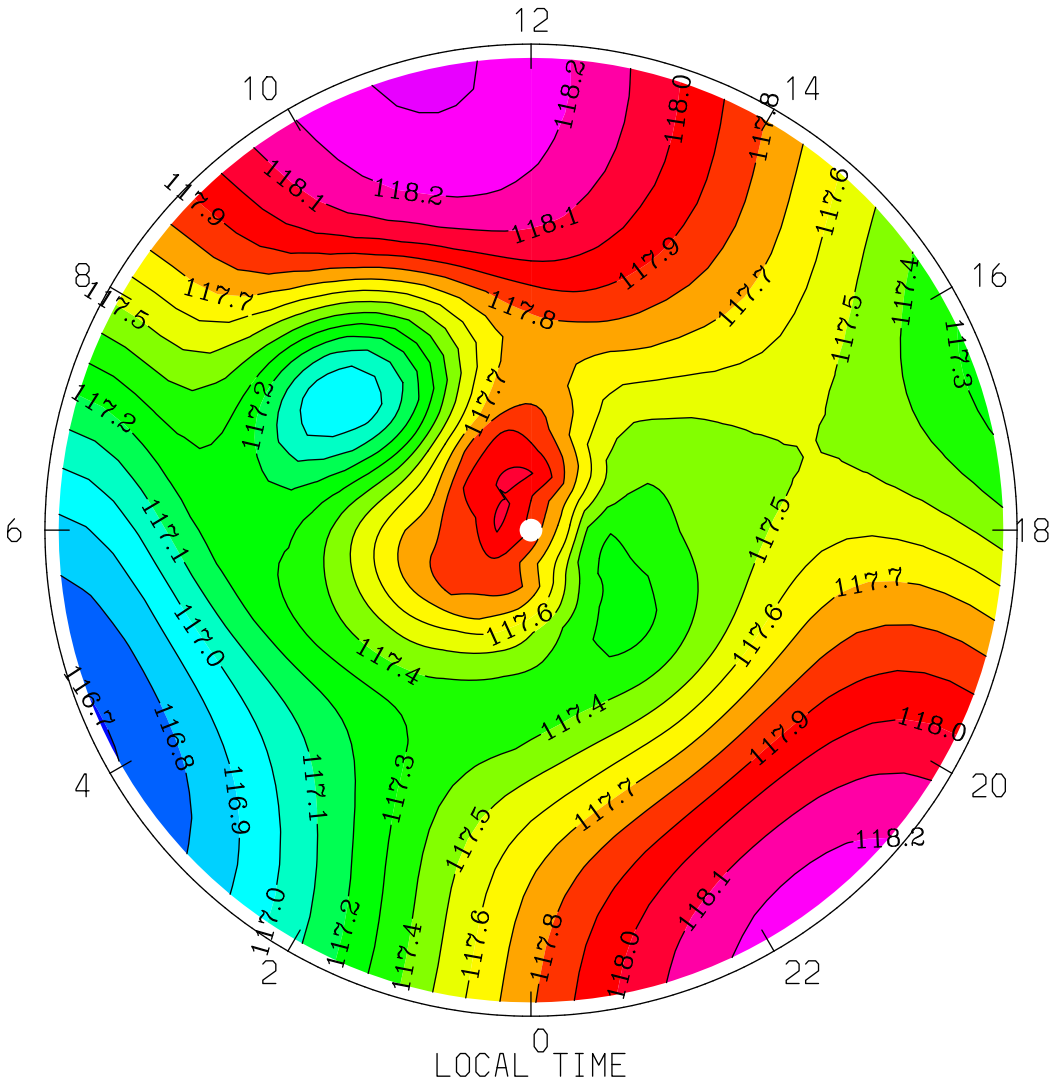

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= 1.875 AVE HT= 262.1 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
10000
10000
20000
30000
10000
20000
40000
20000
30000
10000
20000
10000
LOCAL TIME
MIN,MAX= 4.8943E+01 1.4968E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

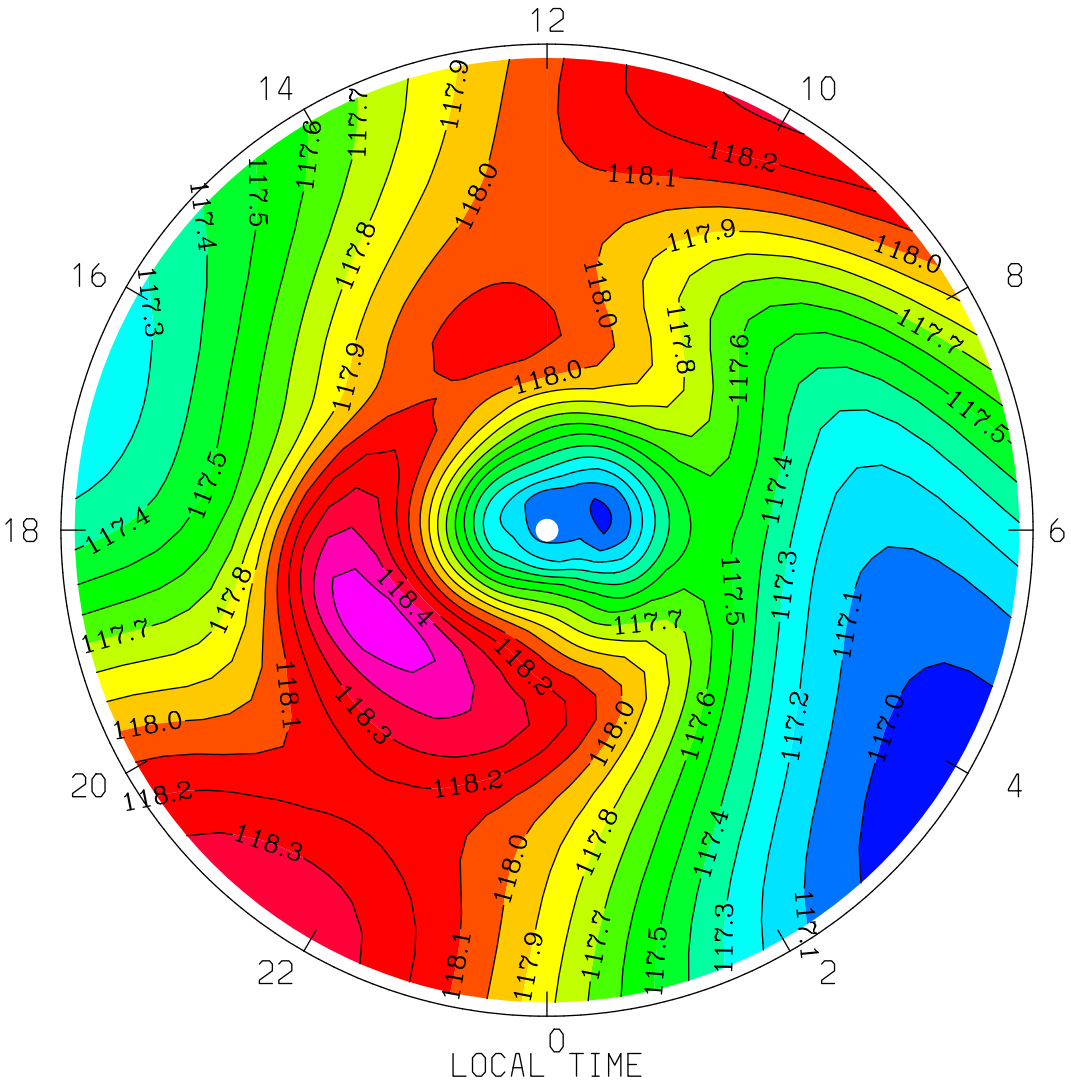

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.5657E+01 9.6950E+01 INTERVAL= 1.0000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


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_smin_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
LOCAL TIME
96.0999
96.1499
96.2000
96.2499
96.3000
96.3499
96.3999
96.4500
96.4999
96.5500
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_smin_005.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= -4.000 AVE HT= 117.5
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= 1.1567E+02 1.1858E+02 INTERVAL= 2.0000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

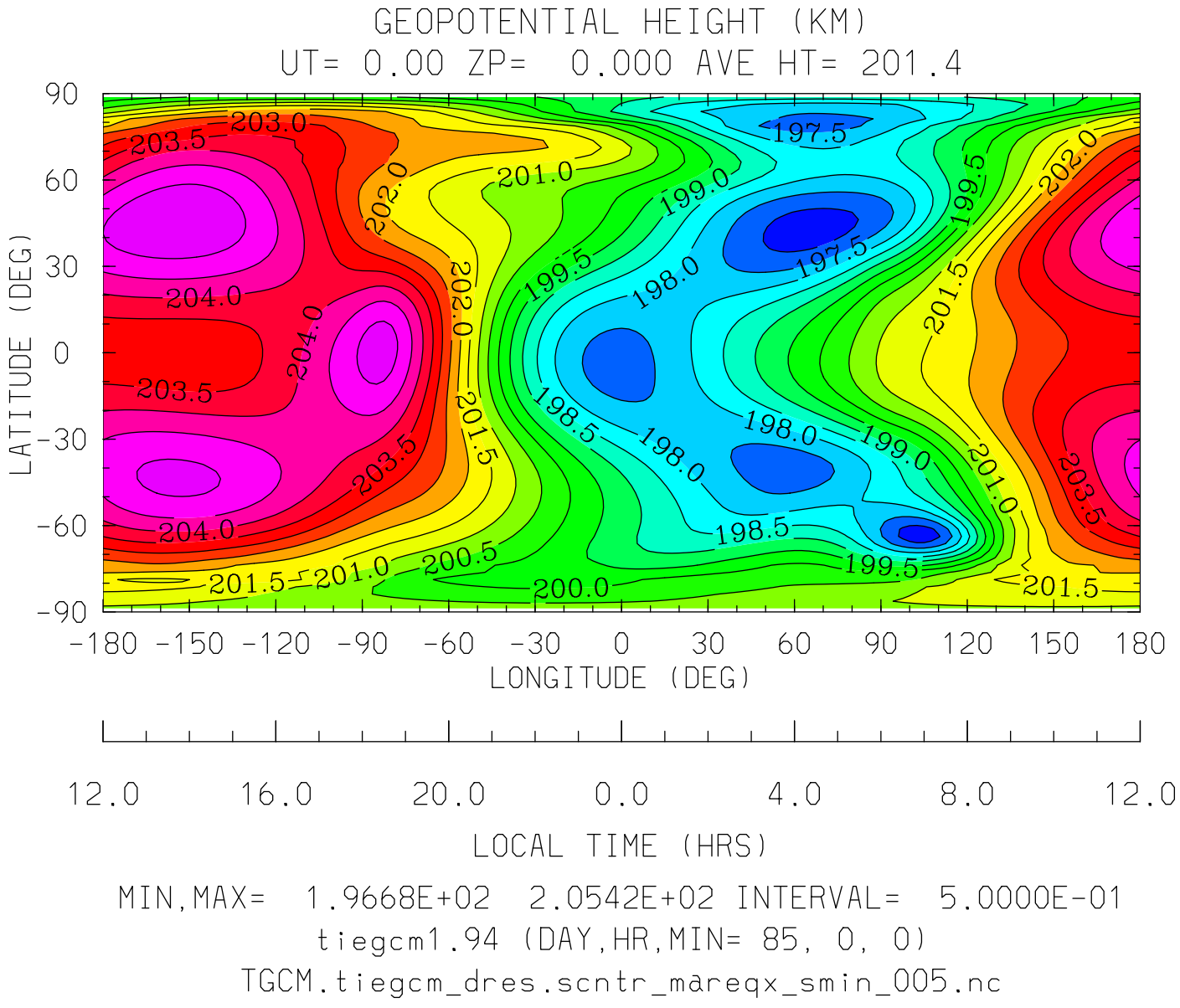

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= -4.000 AVE HT= 117.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 1.1669E+02 1.1832E+02 INTERVAL= 1.0000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

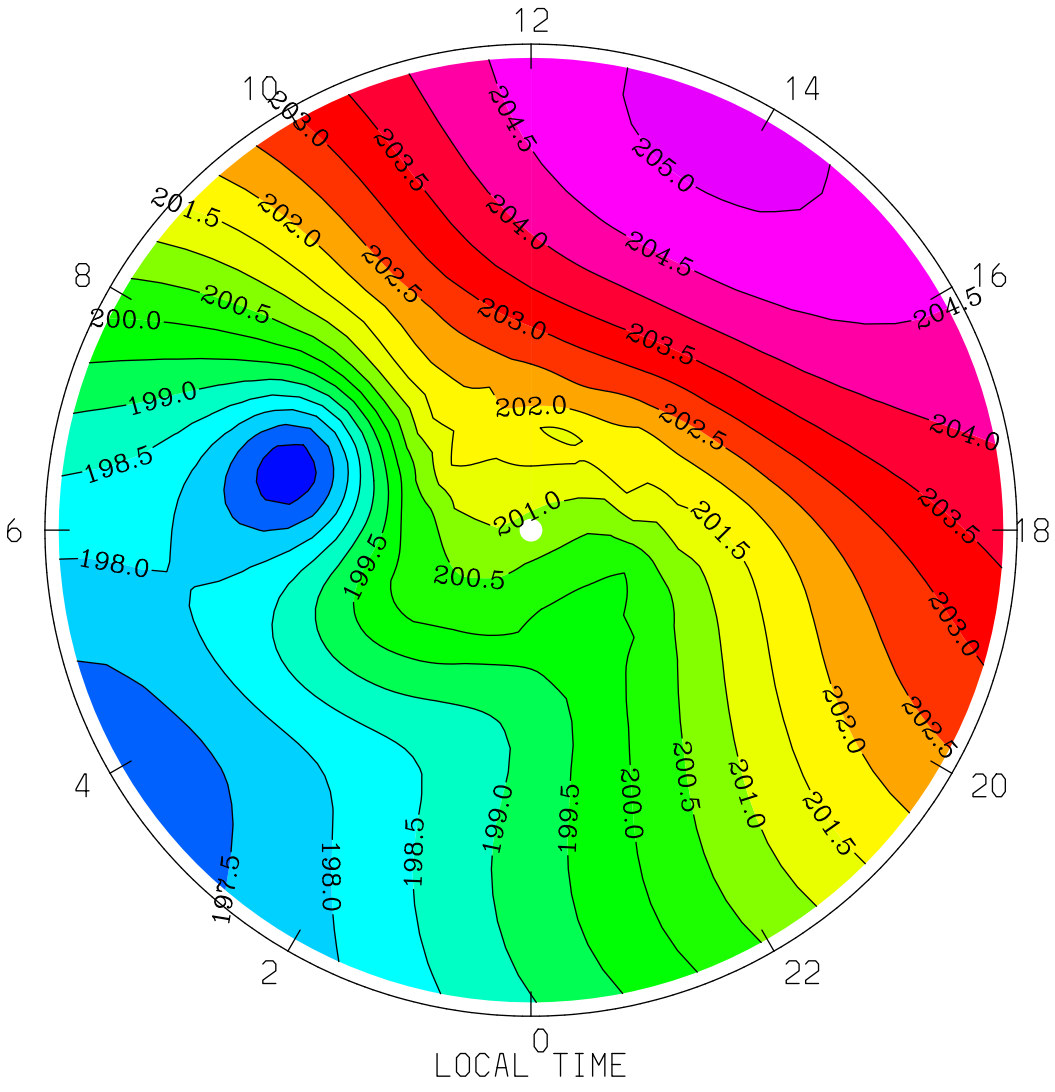


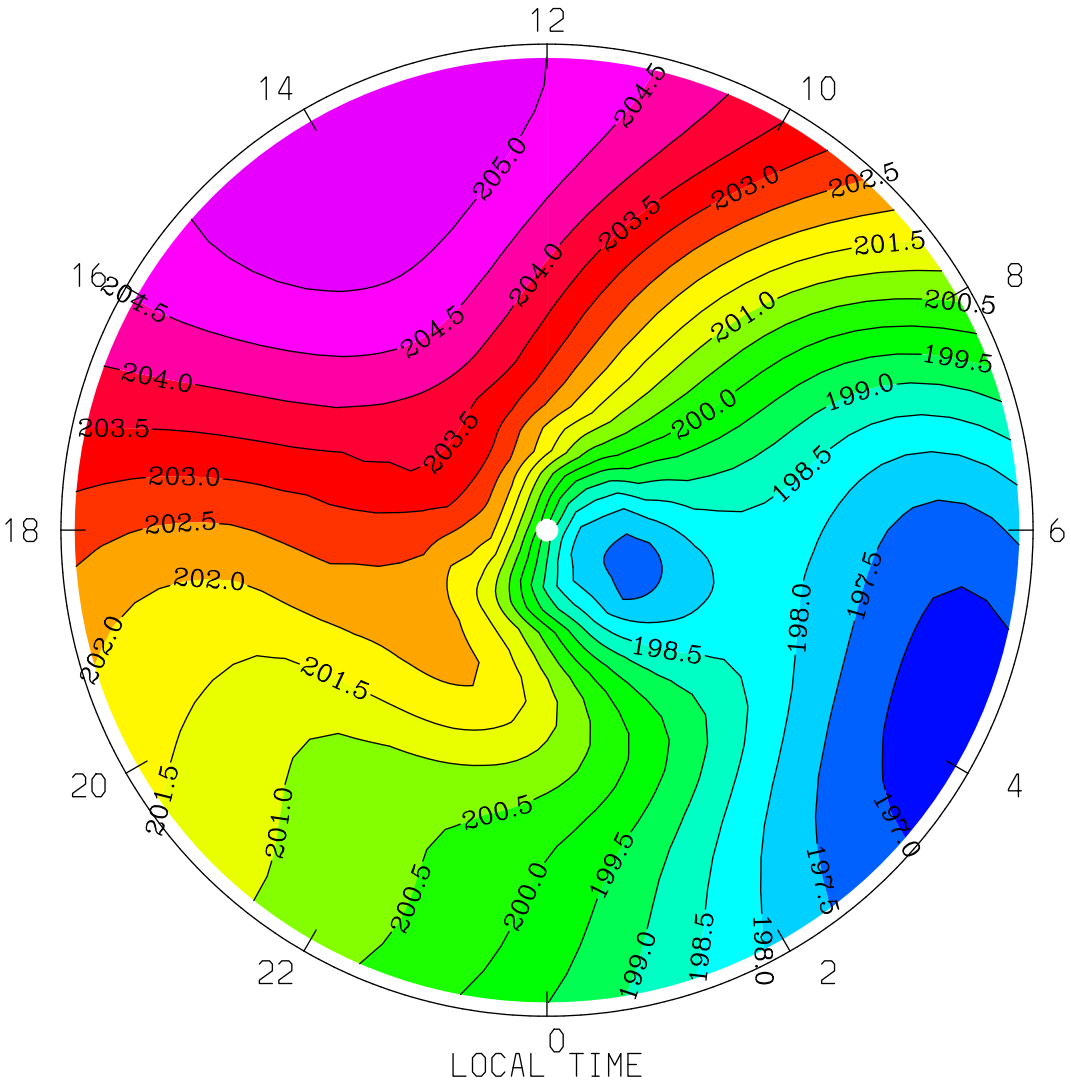
MIN,MAX= 1.1693E+02 1.1858E+02 INTERVAL= 1.0000E-01

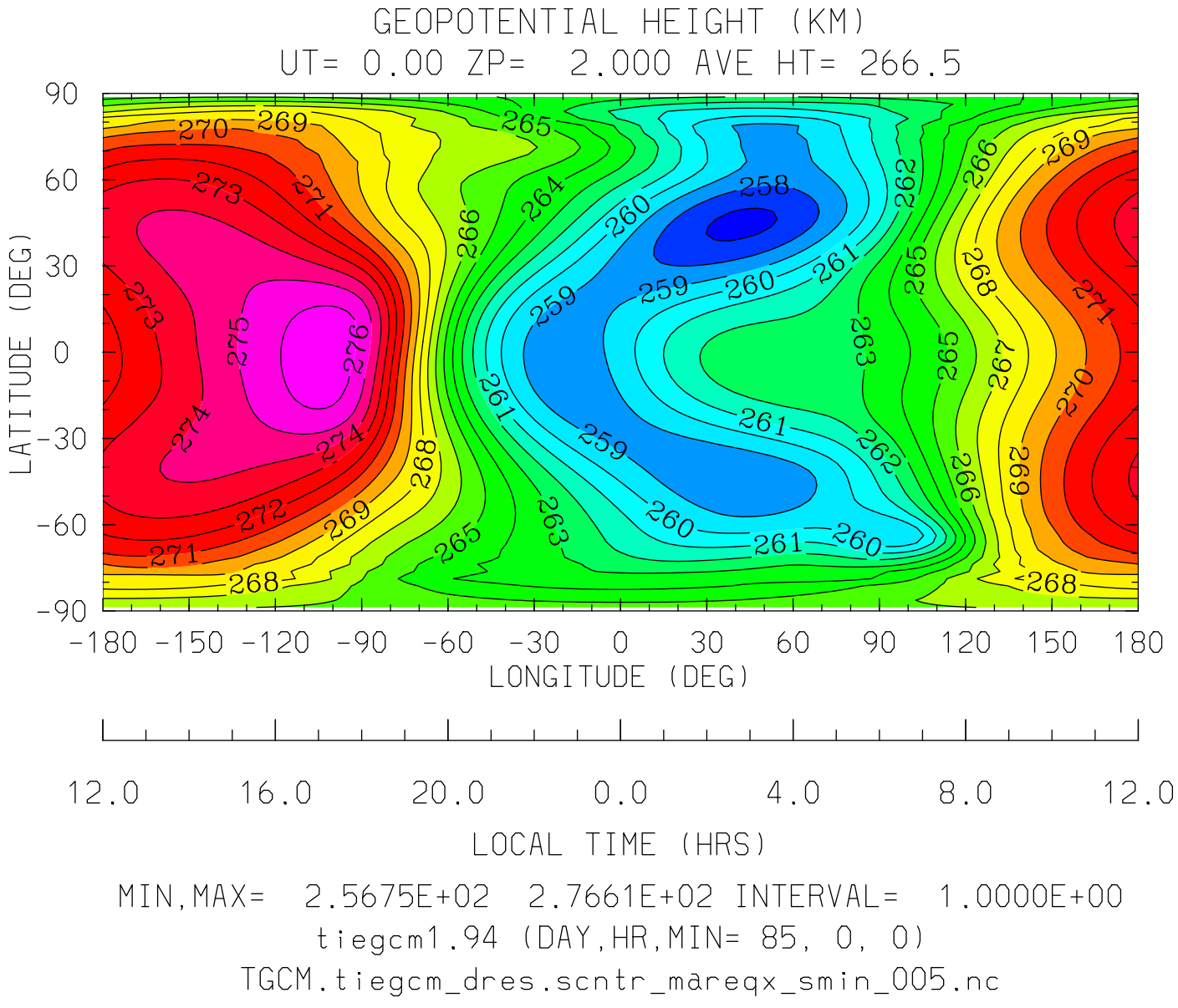
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

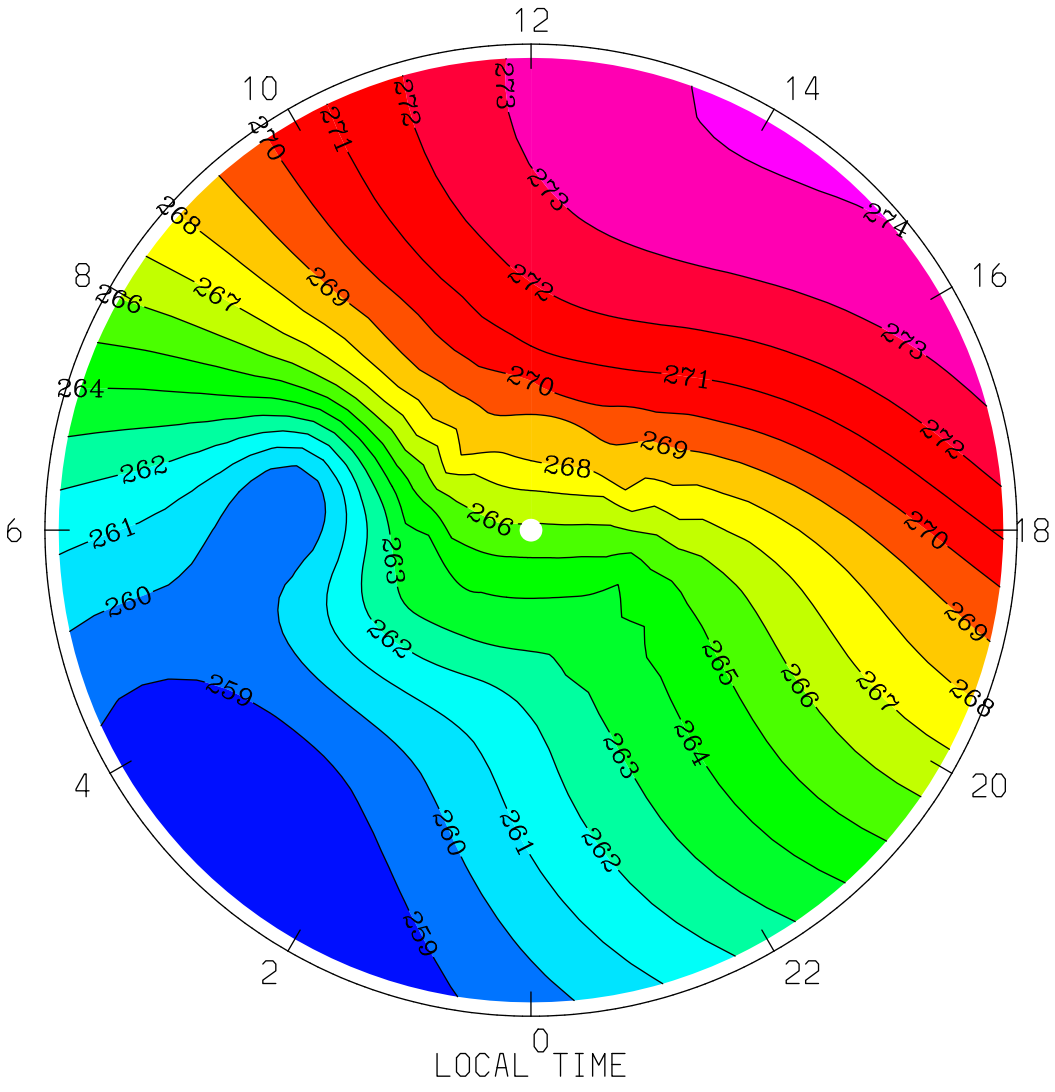
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

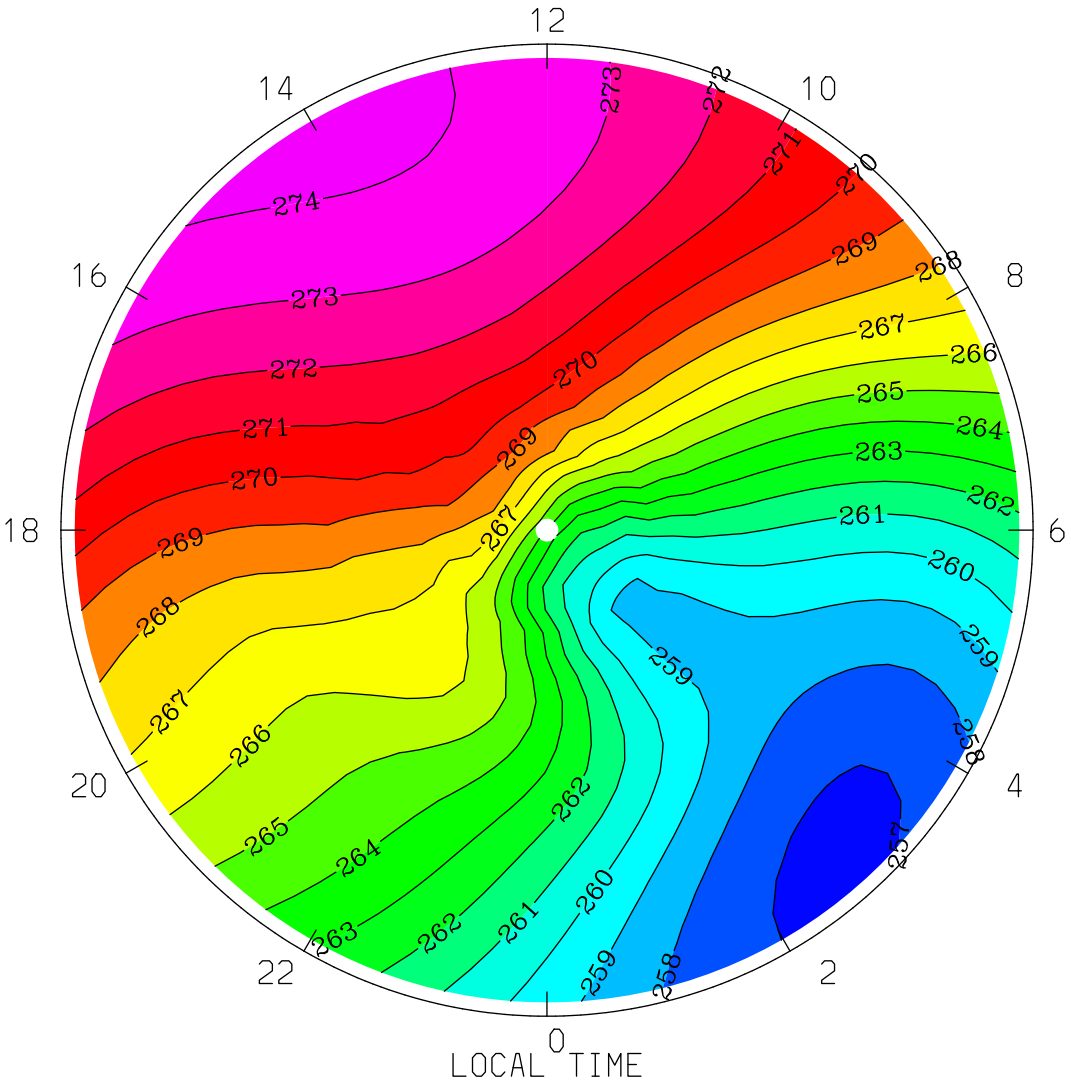

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 0.000 AVE HT= 201.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.9668E+02 2.0542E+02 INTERVAL= 5.0000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT=-40.0
12
14
16
18
20
22
0
2
4
6
8
10
LOCAL TIME
MIN,MAX= 1.9668E+02 2.0513E+02 INTERVAL= 5.0000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 1.9675E+02 2.0542E+02 INTERVAL= 5.0000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 2.000 AVE HT= 266.5
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= 2.5675E+02 2.7661E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

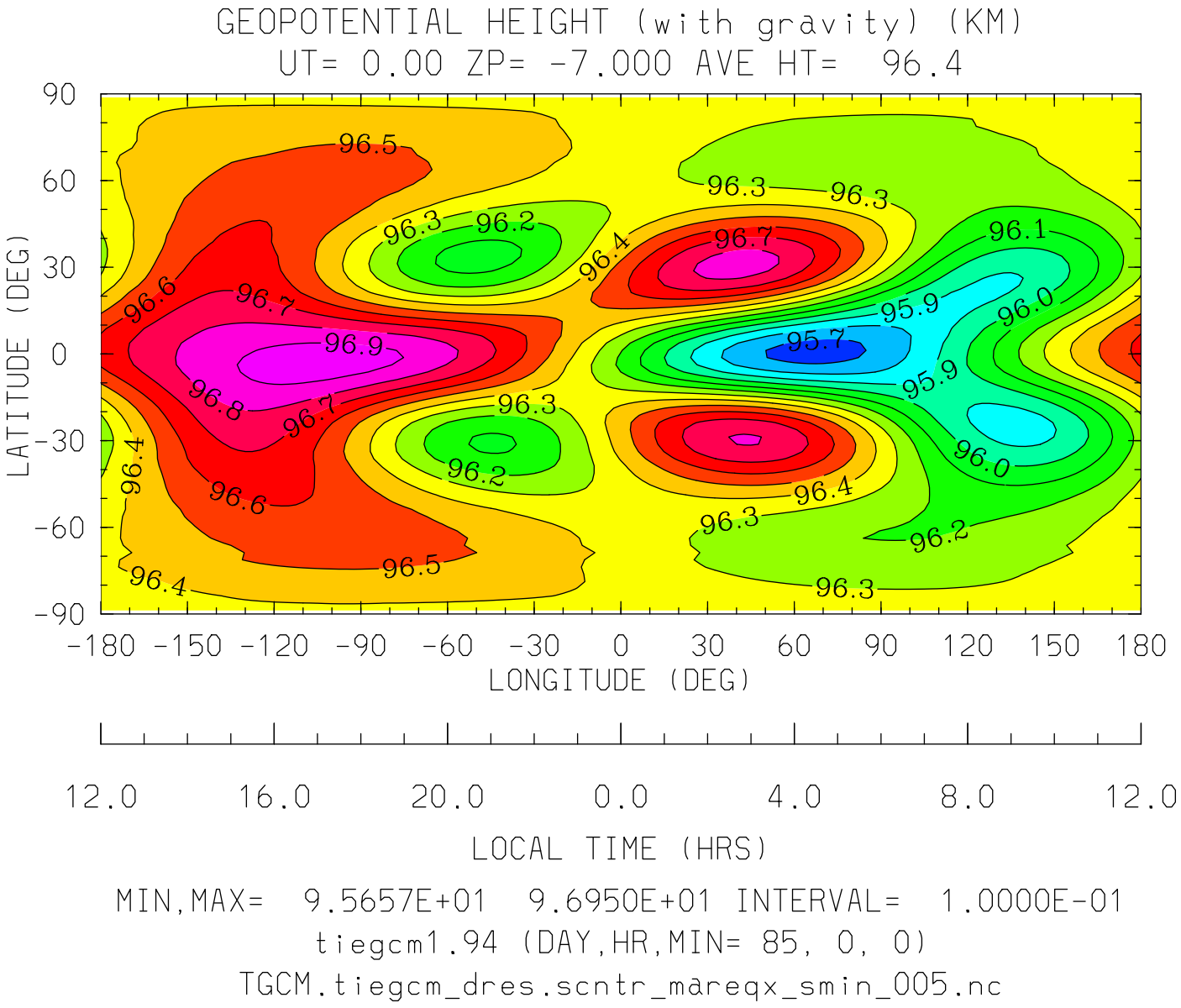

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 2.000 AVE HT= 266.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 2.5812E+02 2.7415E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

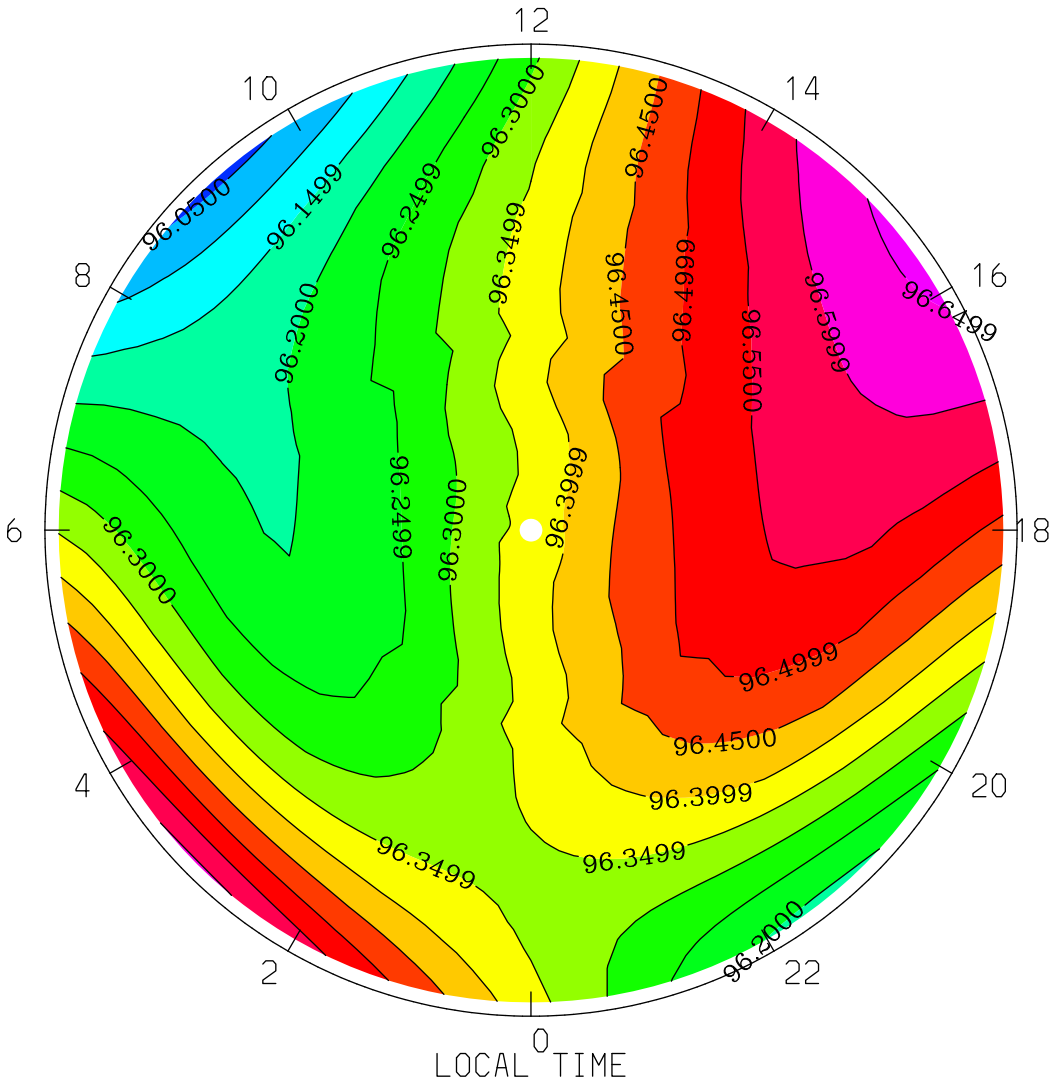


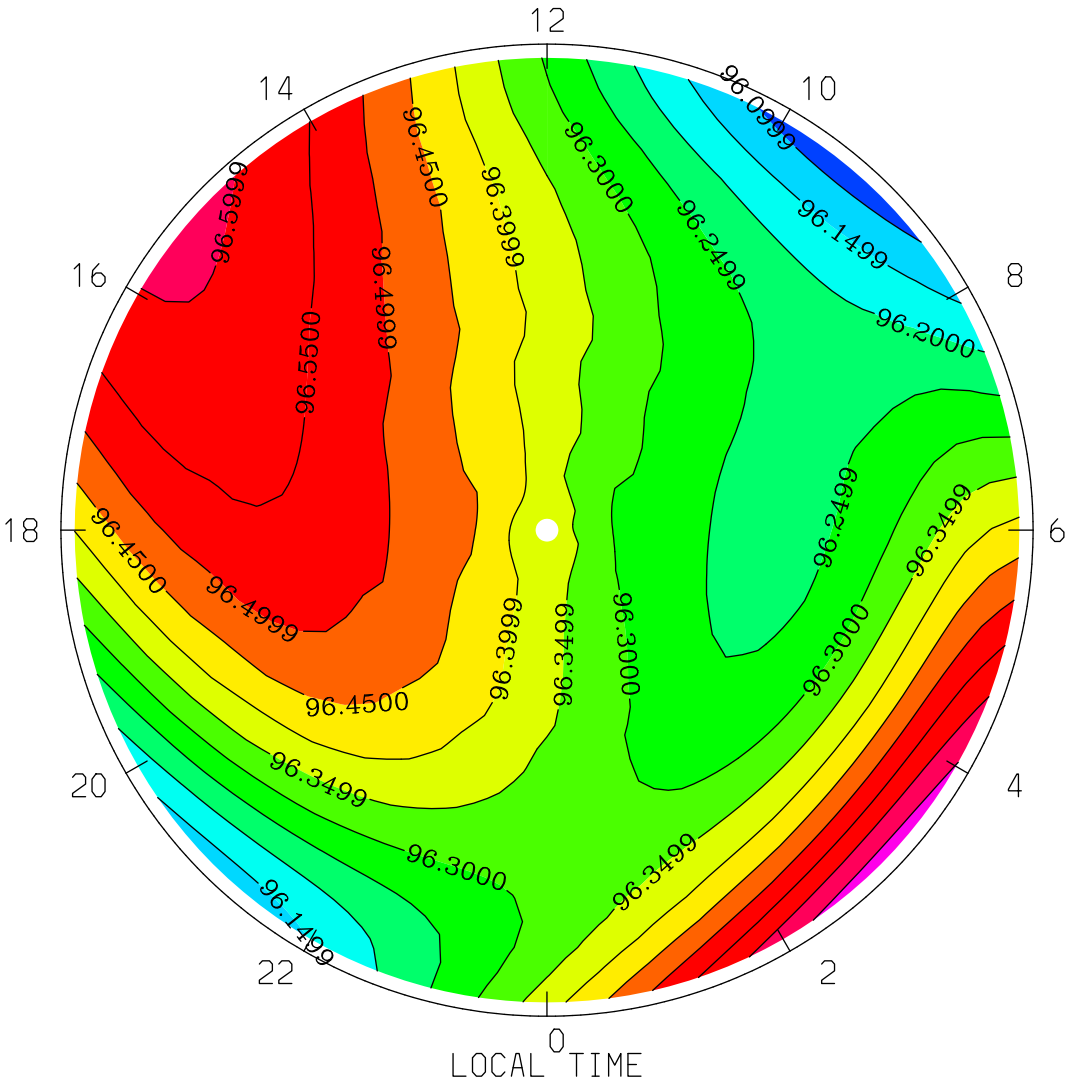
MIN,MAX= 2.5675E+02 2.7436E+02 INTERVAL= 1.0000E+00

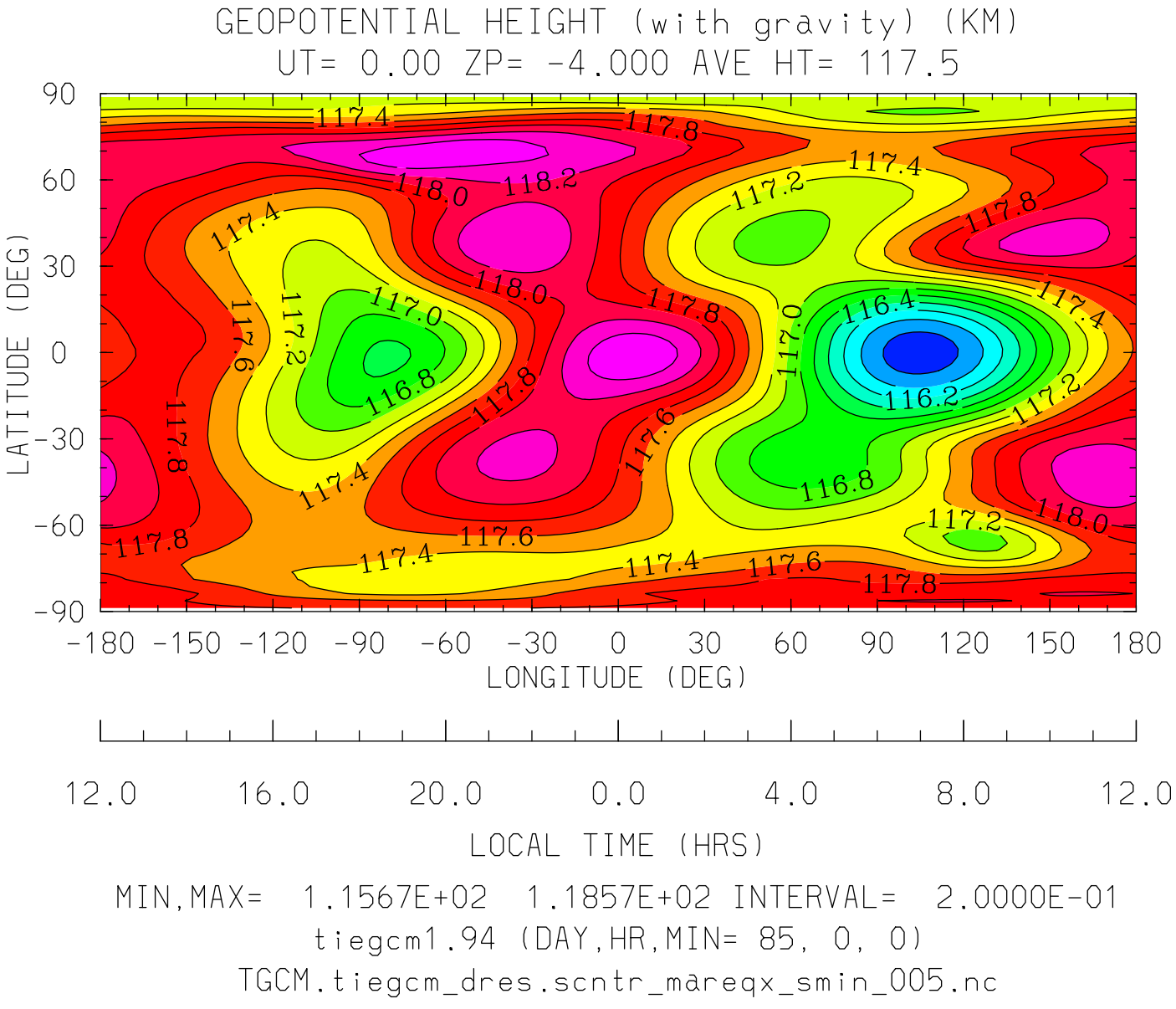
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

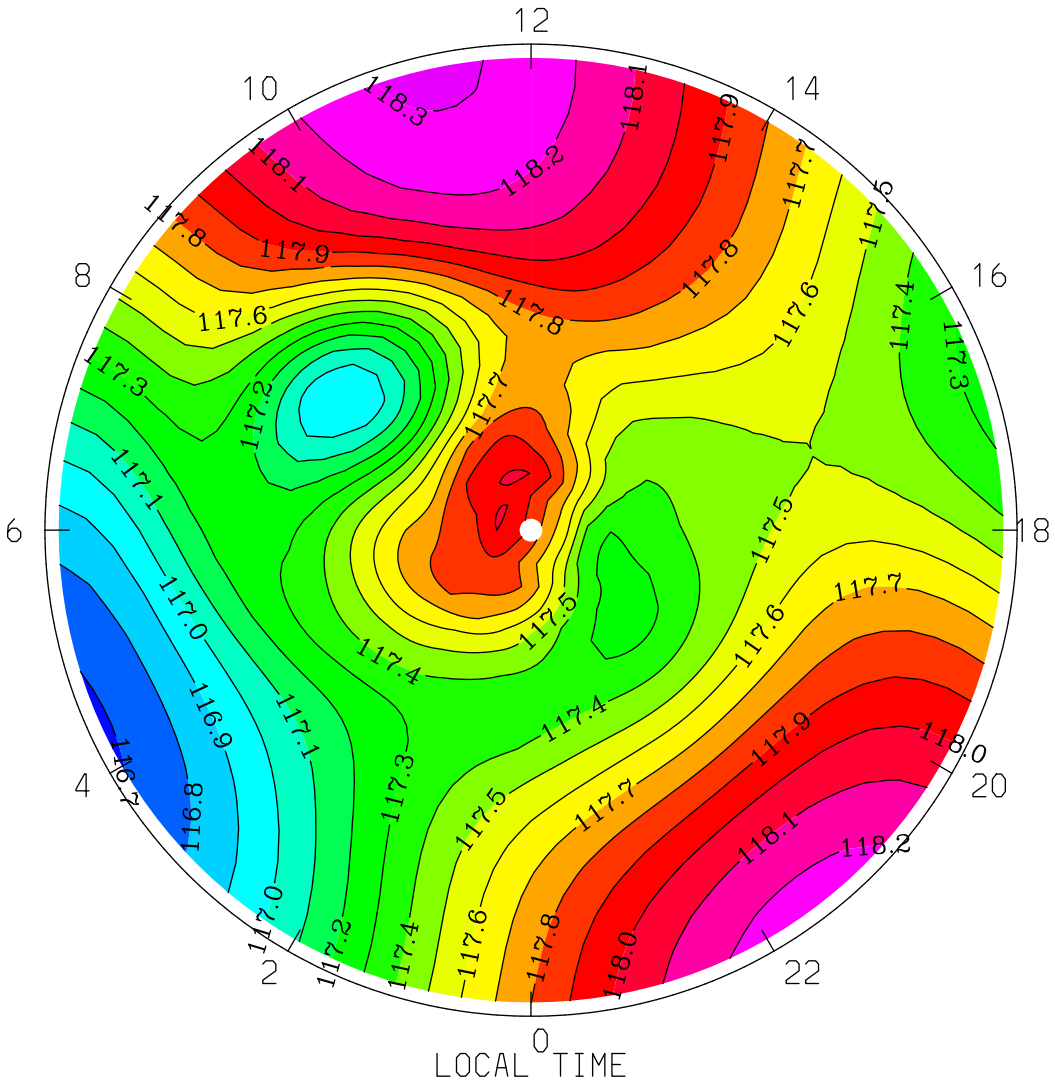
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

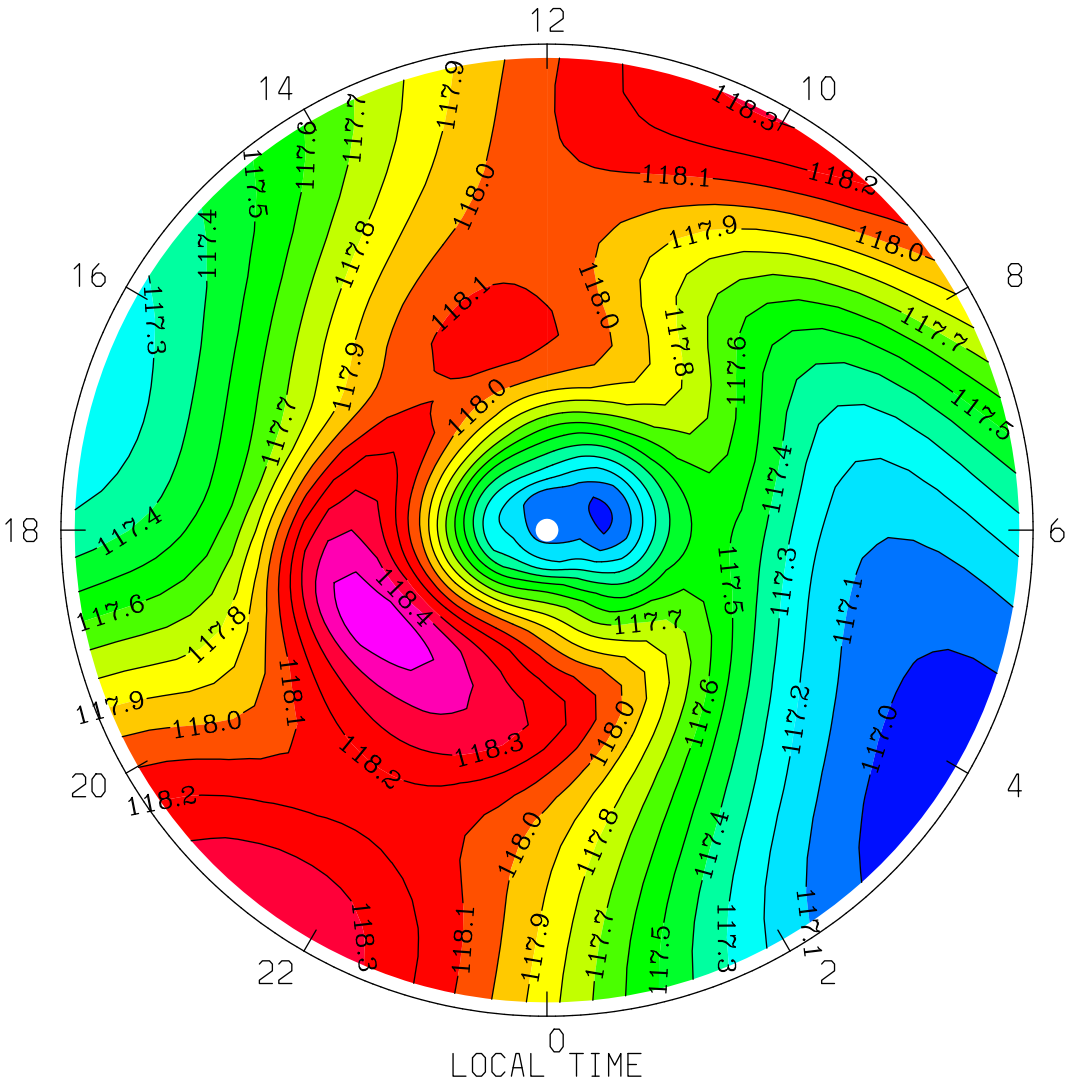

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.5657E+01 9.6950E+01 INTERVAL= 1.0000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_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_smin_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (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
LOCAL TIME
96.0999
96.1499
96.2000
96.2499
96.3000
96.3499
96.3999
96.4500
96.4999
96.5500
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_smin_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= -4.000 AVE HT= 117.5
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= 1.1567E+02 1.1857E+02 INTERVAL= 2.0000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

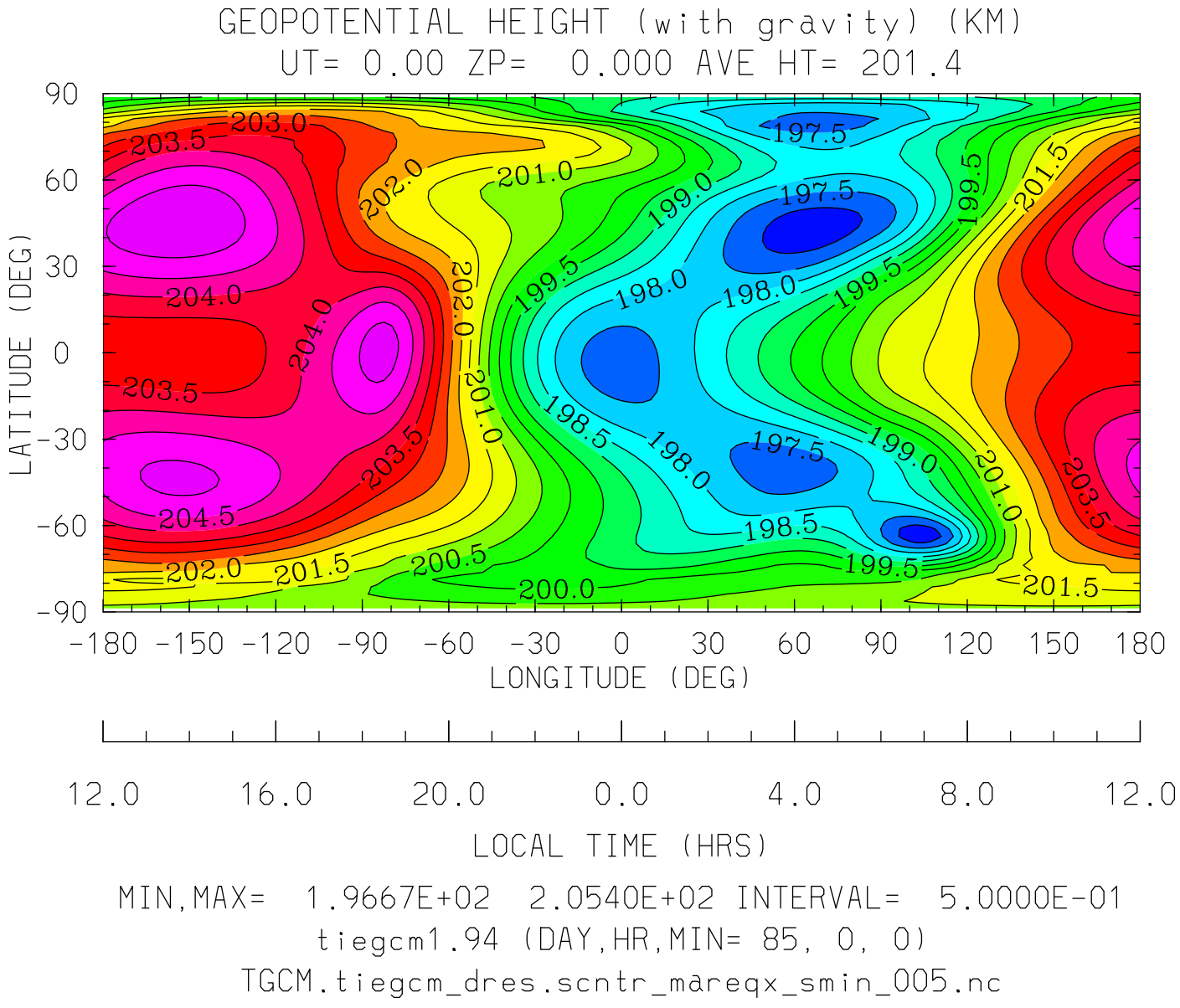

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= -4.000 AVE HT= 117.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 1.1669E+02 1.1832E+02 INTERVAL= 1.0000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

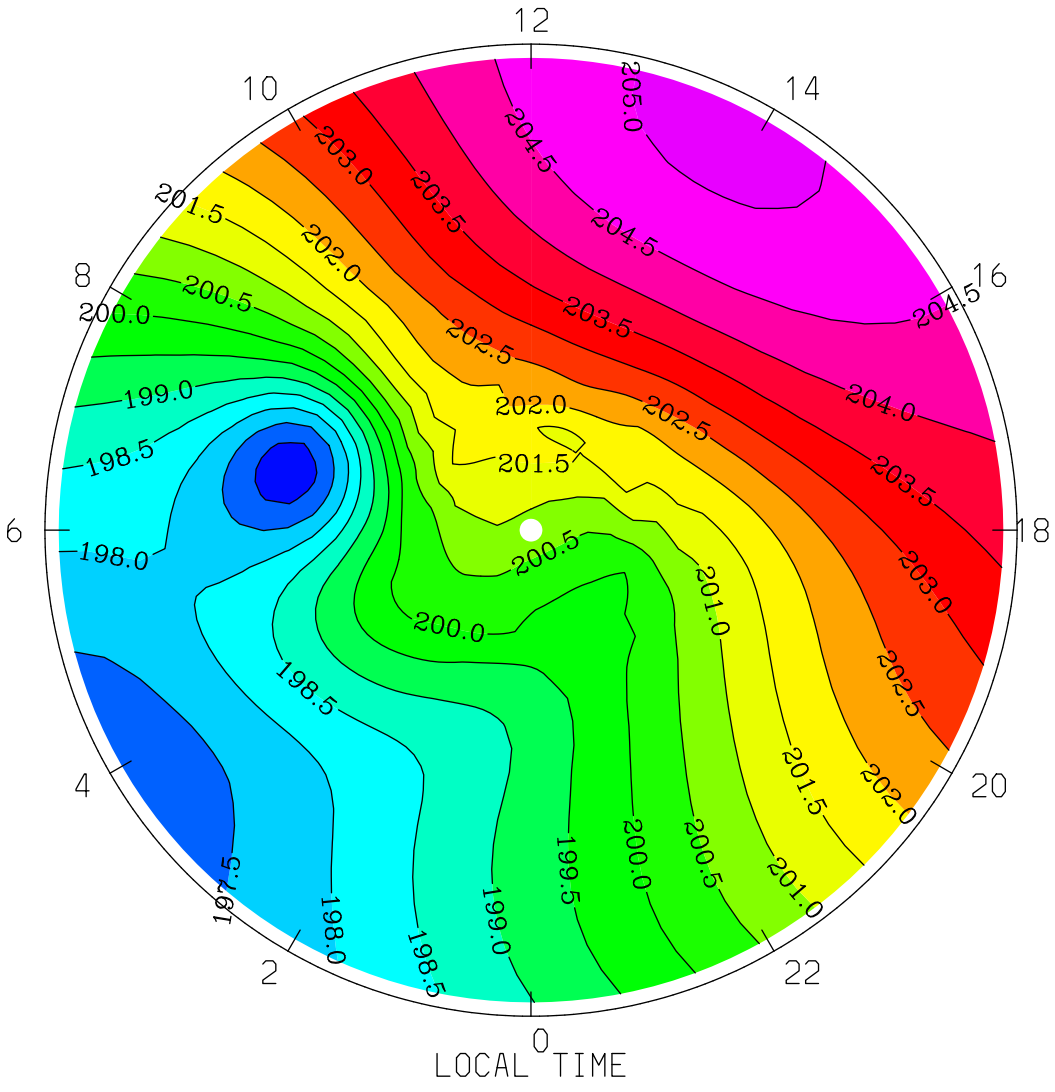


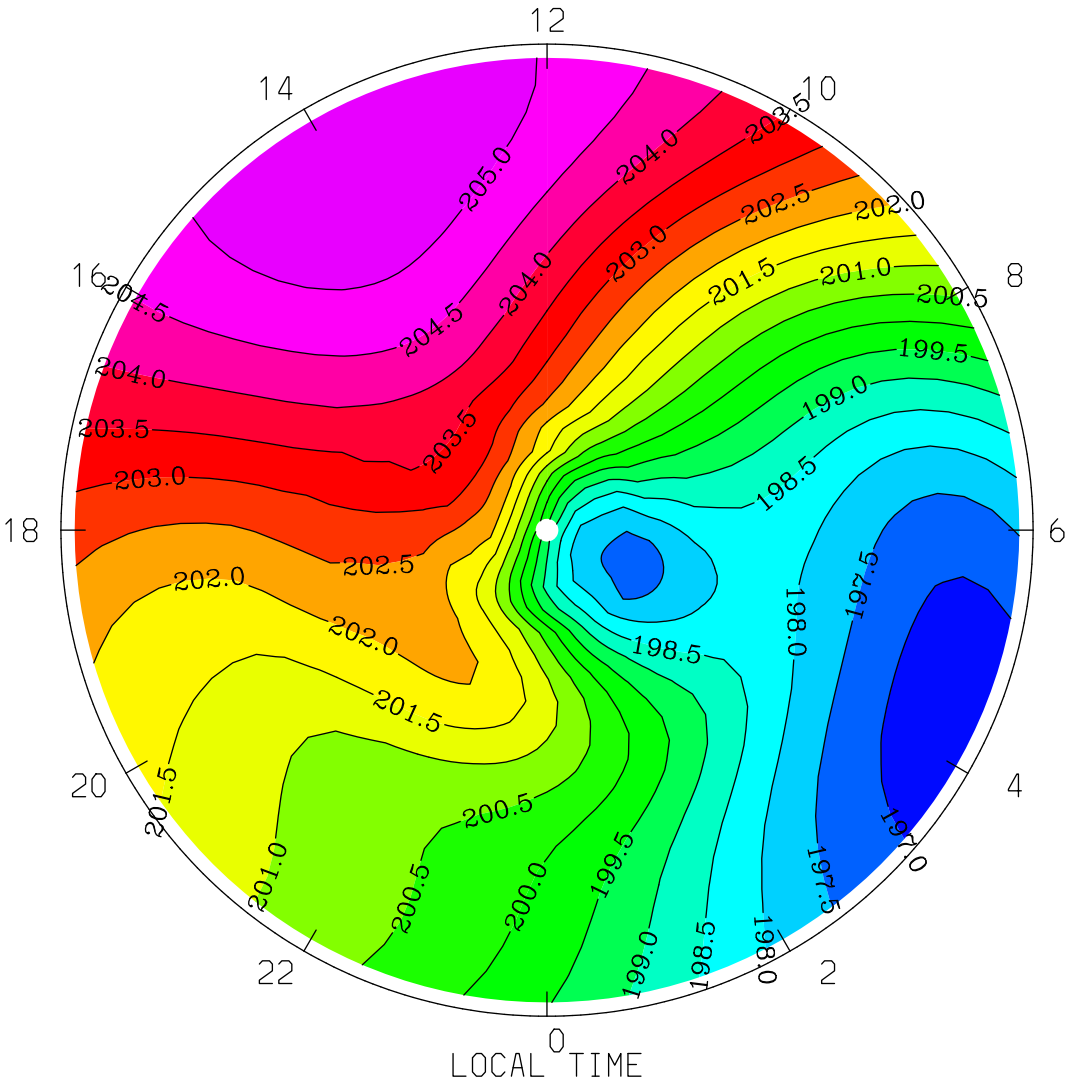
MIN,MAX= 1.1692E+02 1.1857E+02 INTERVAL= 1.0000E-01

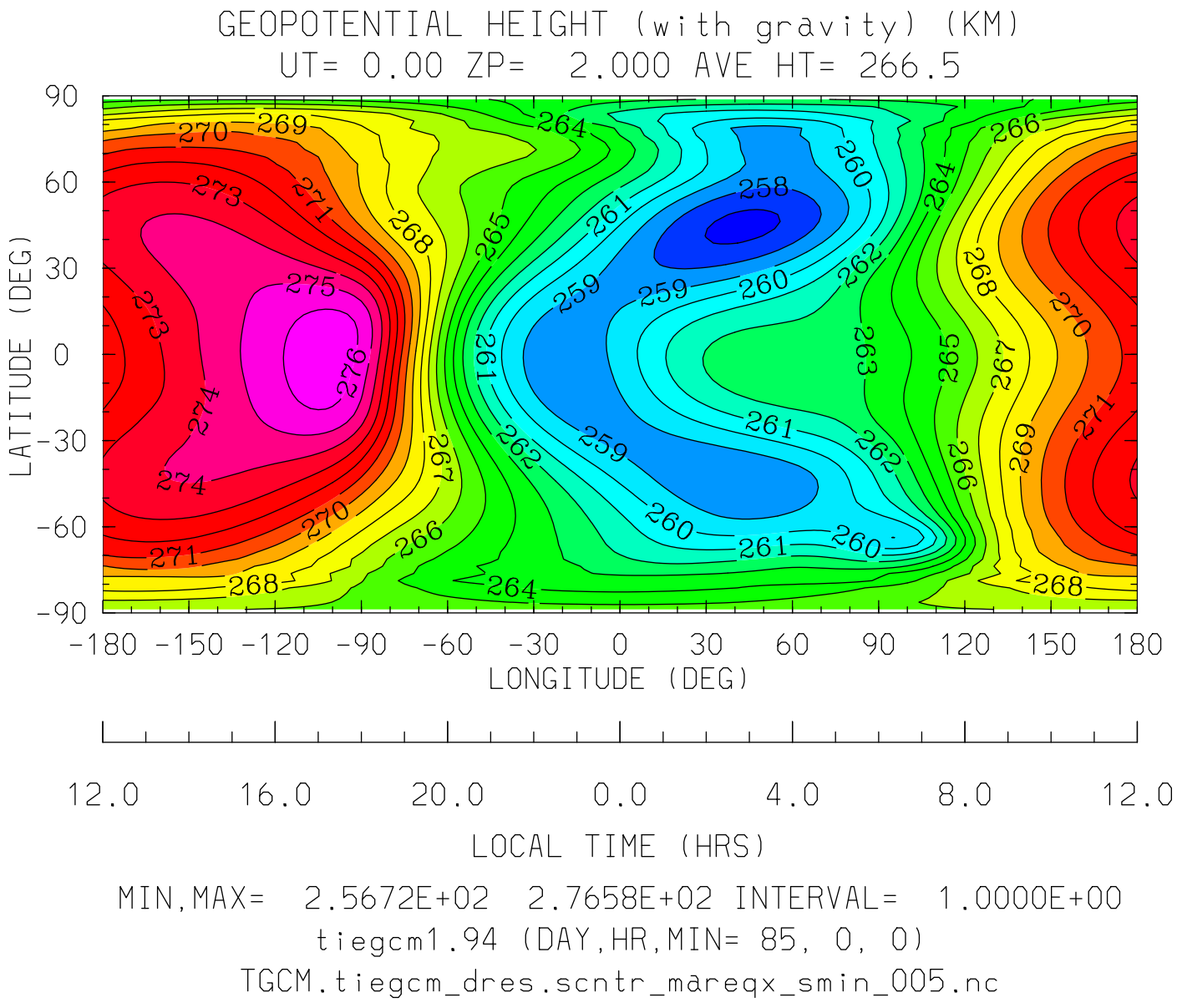
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)

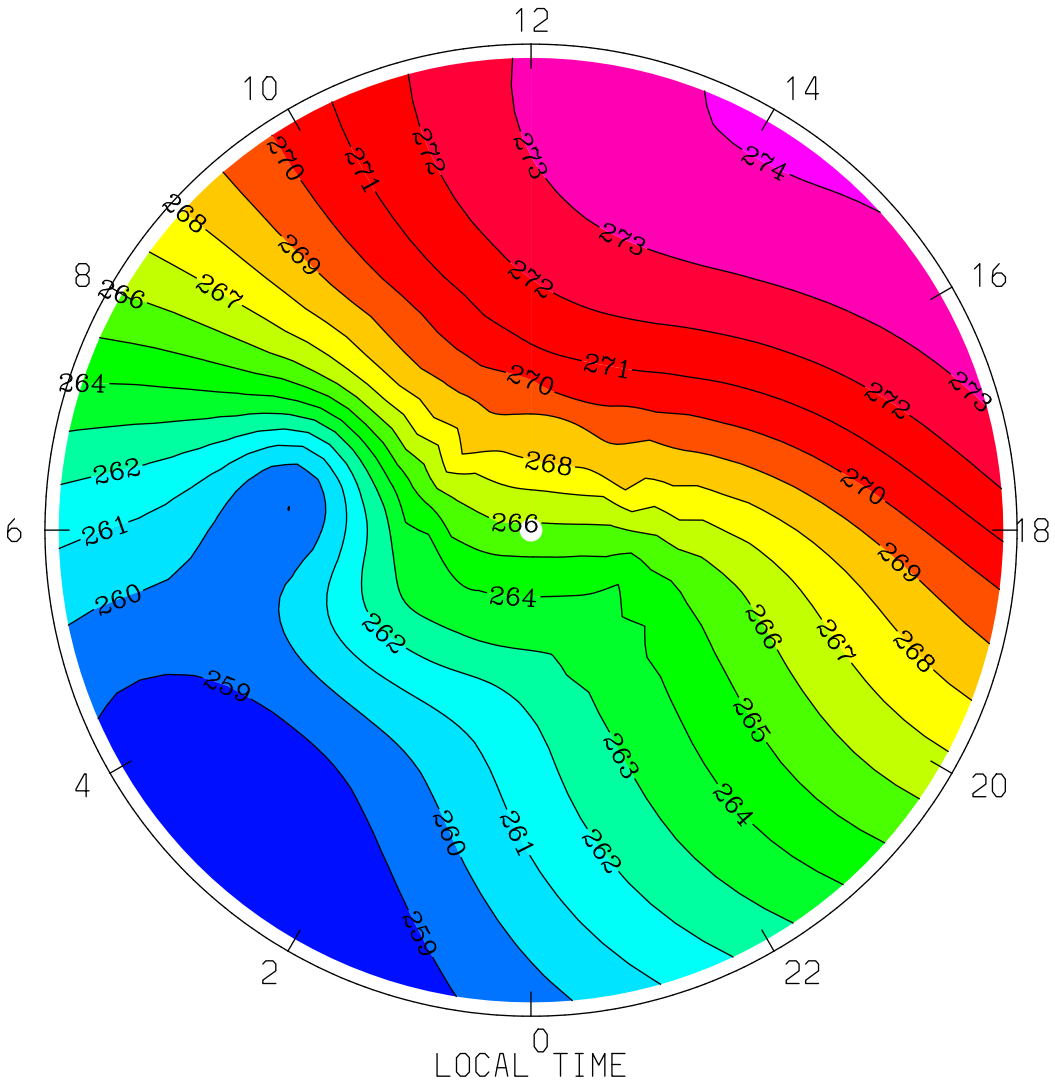
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc

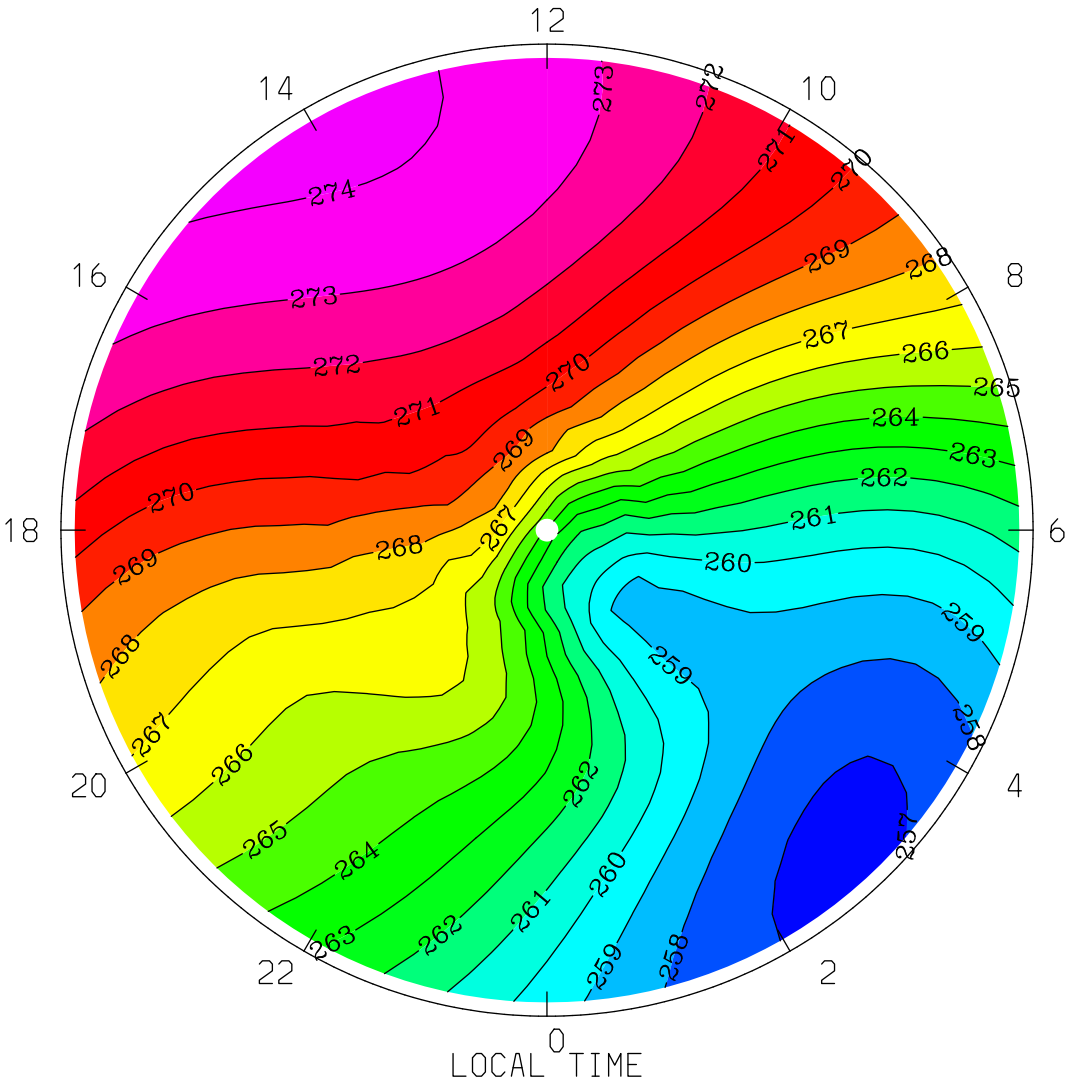

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 0.000 AVE HT= 201.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.9667E+02 2.0540E+02 INTERVAL= 5.0000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
205.0
204.5
203.0
203.5
201.5
202.0
200.5
202.5
200.0
199.0
198.5
201.5
198.0
200.5
201.0
200.0
198.5
199.5
199.0
MIN,MAX= 1.9667E+02 2.0511E+02 INTERVAL= 5.0000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 0.000 AVE HT= 201.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 1.9672E+02 2.0540E+02 INTERVAL= 5.0000E-01
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 266.5
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= 2.5672E+02 2.7658E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 266.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 2.5810E+02 2.7412E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 266.5 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 2.5672E+02 2.7433E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN= 85, 0, 0)
TGCM.tiegcm_dres.scntr_mareqx_smin_005.nc