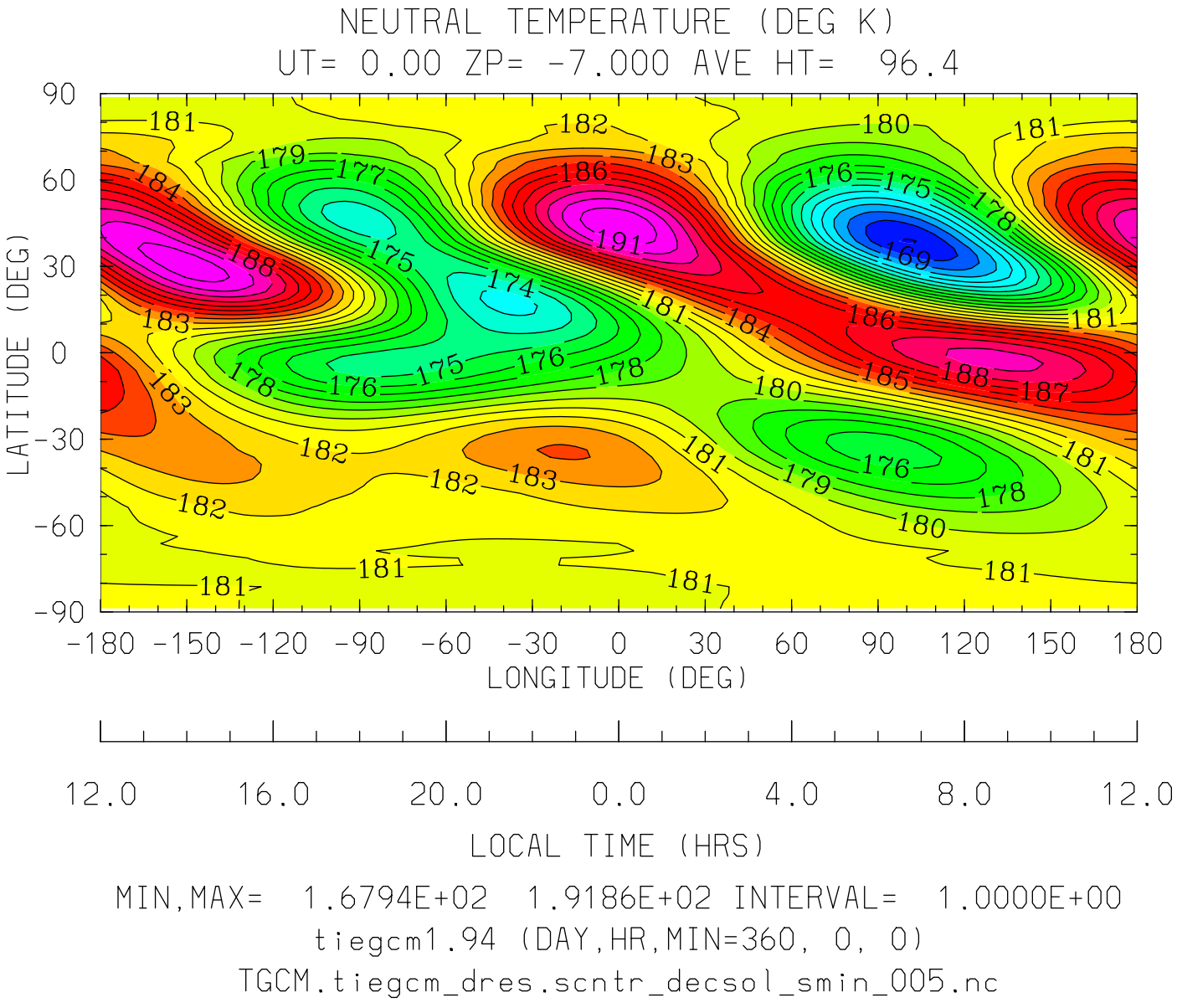
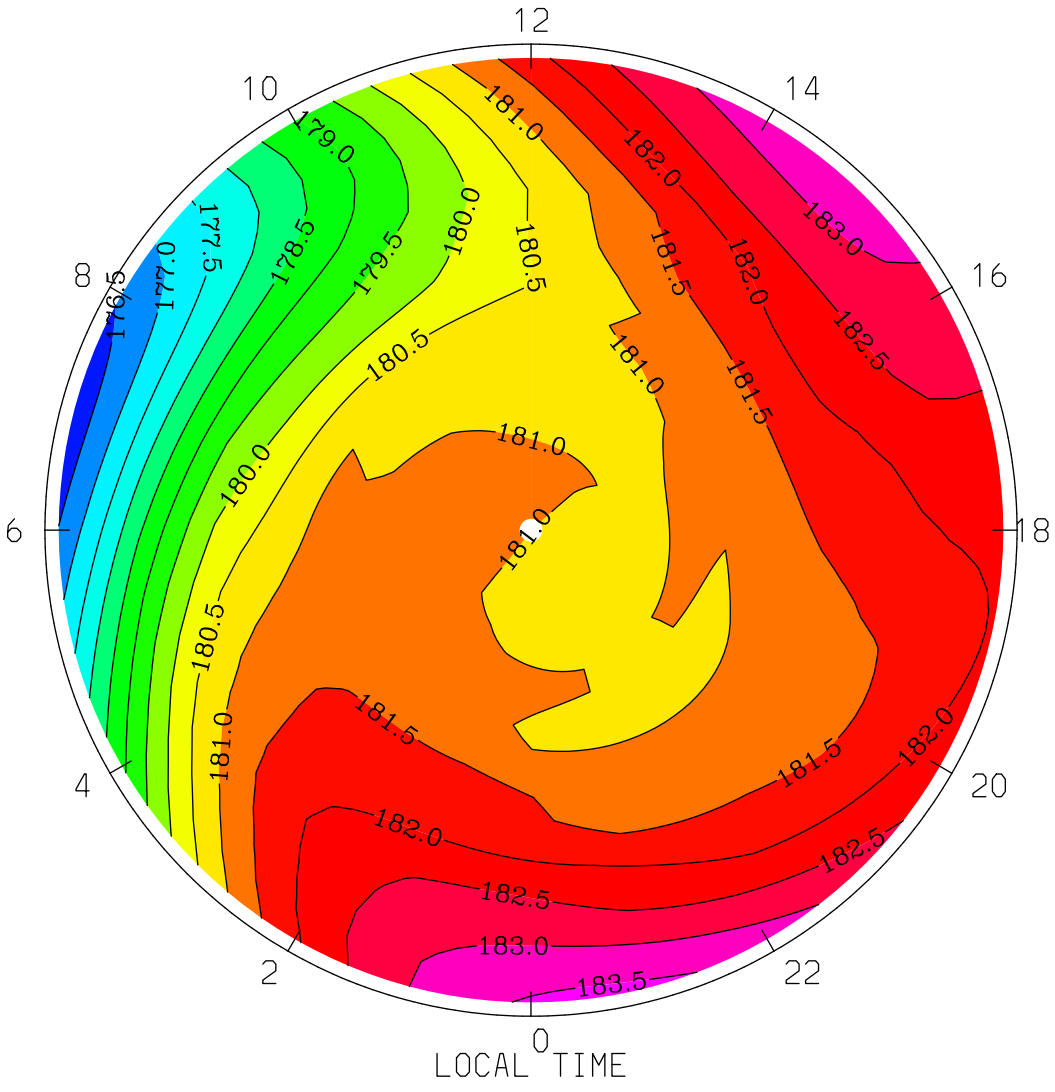
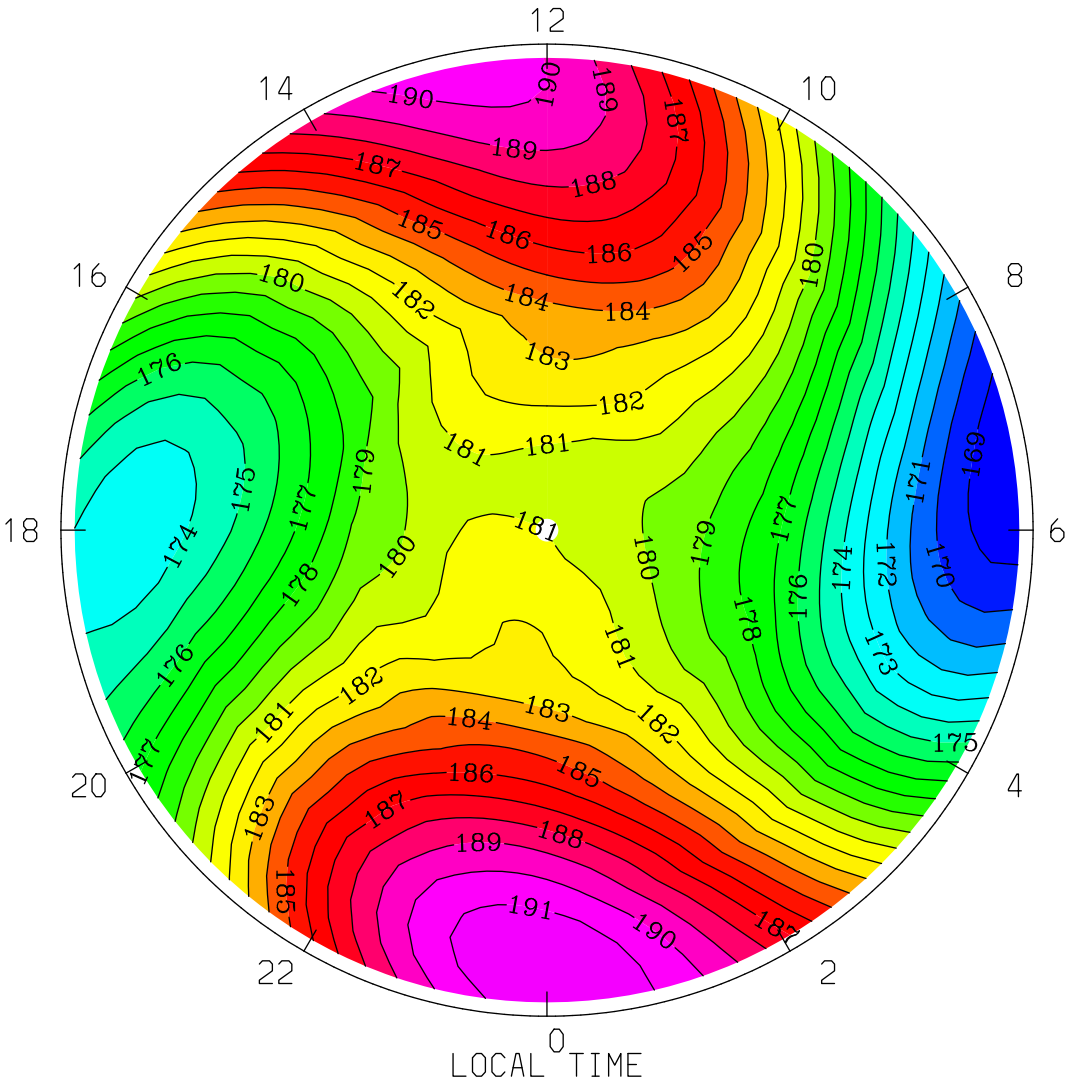

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.6794E+02 1.9186E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

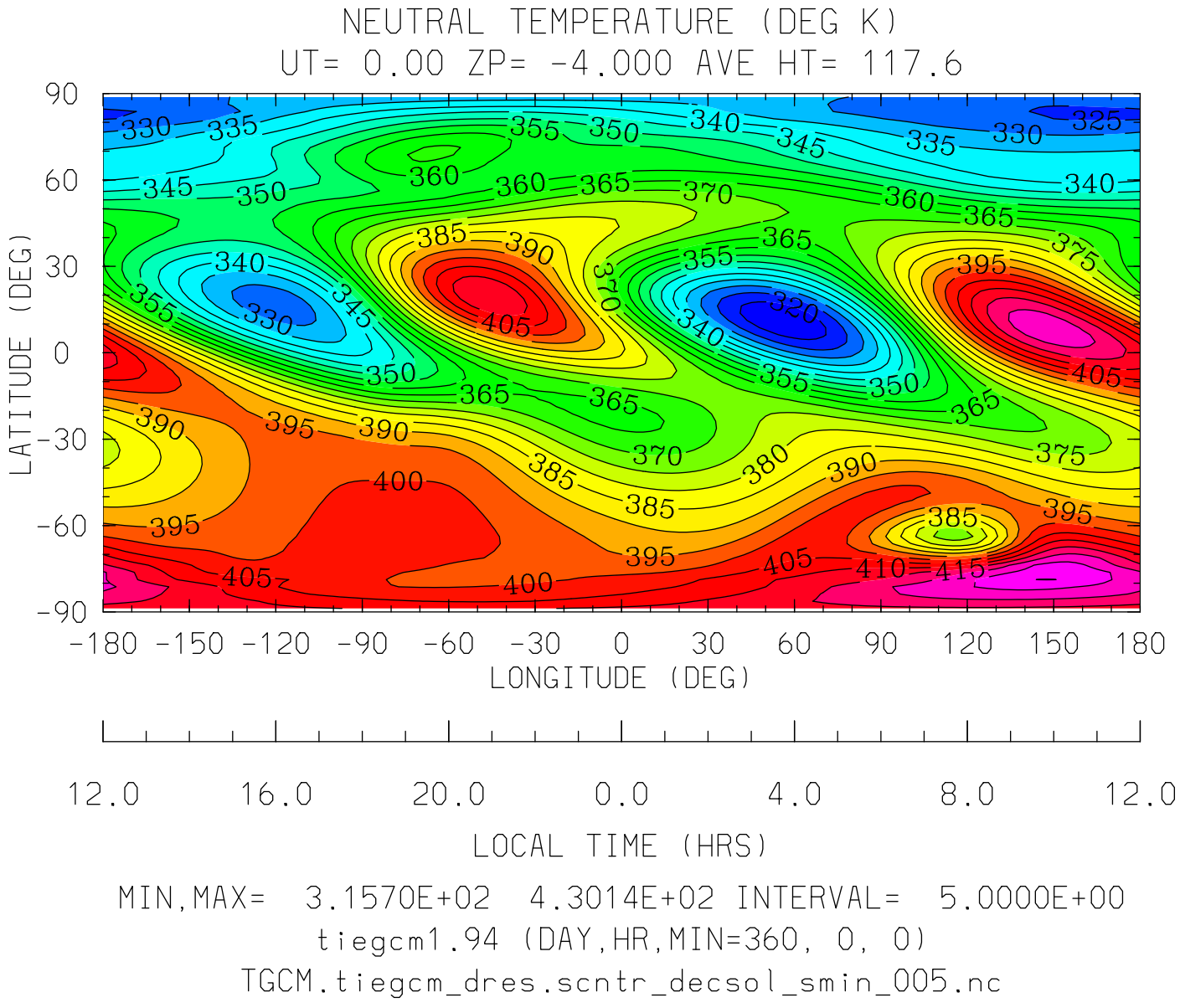


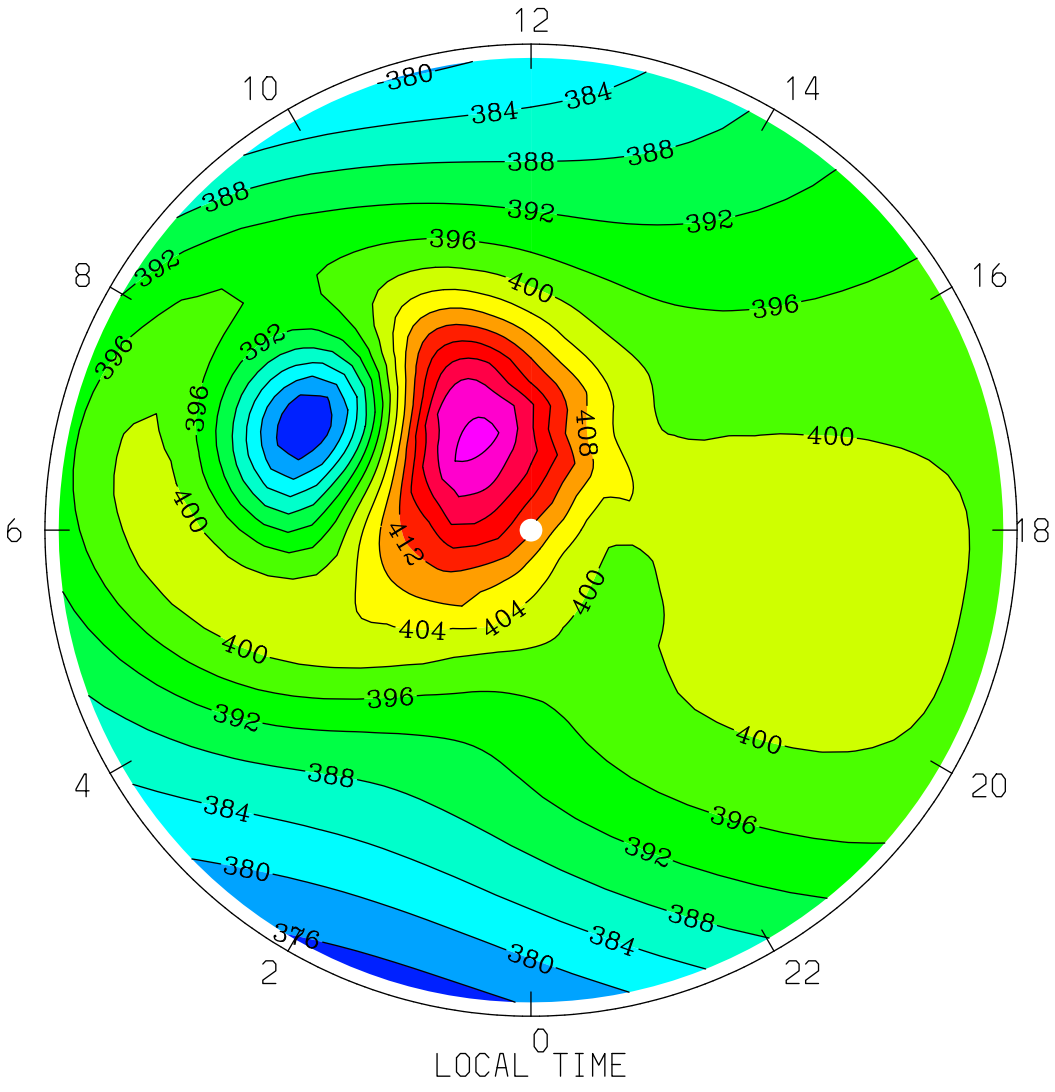
MIN,MAX= 1.7620E+02 1.8363E+02 INTERVAL= 5.0000E-01

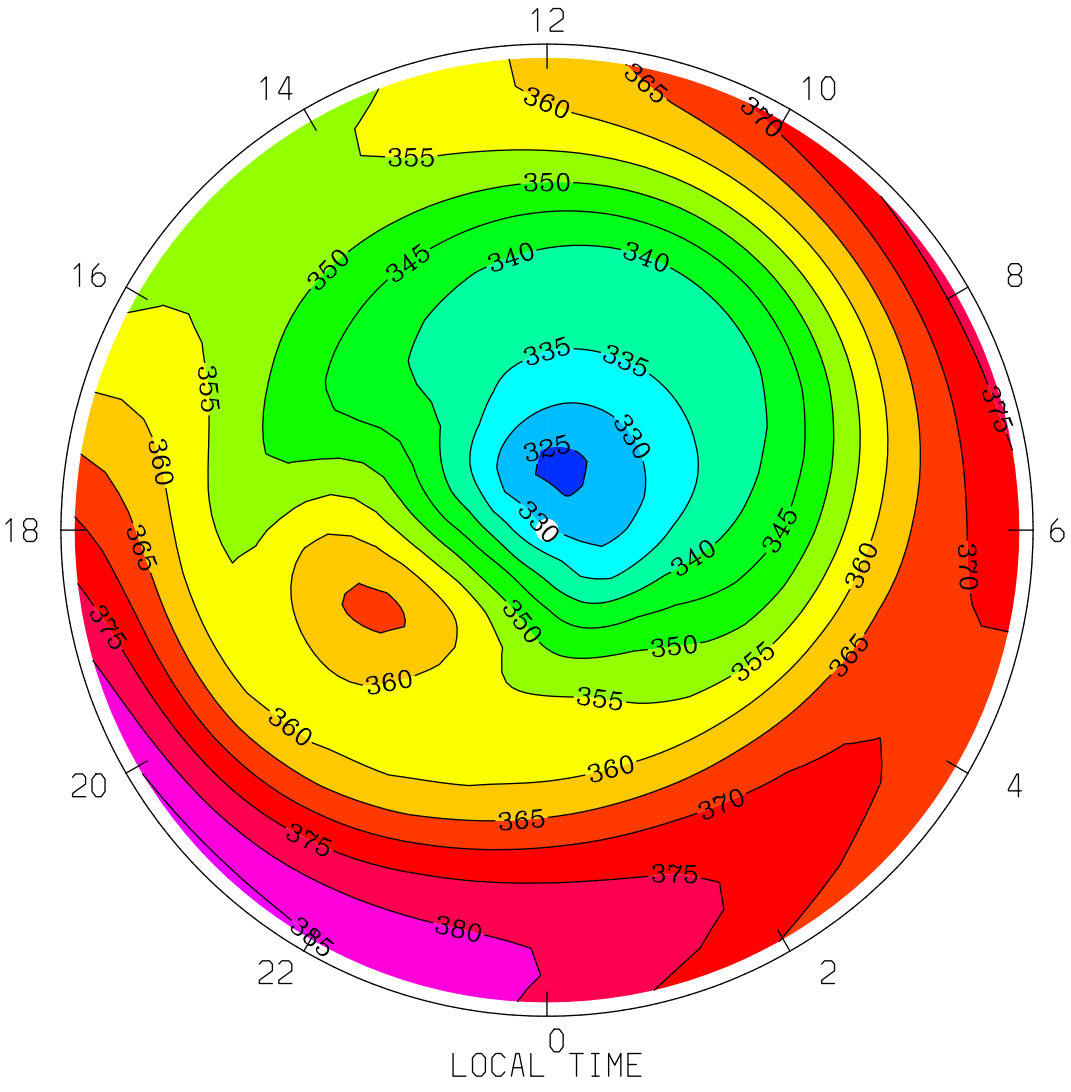
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


NEUTRAL TEMPERATURE (DEG K)
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= 1.6809E+02 1.9186E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.000 AVE HT= 117.6
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.1570E+02 4.3014E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

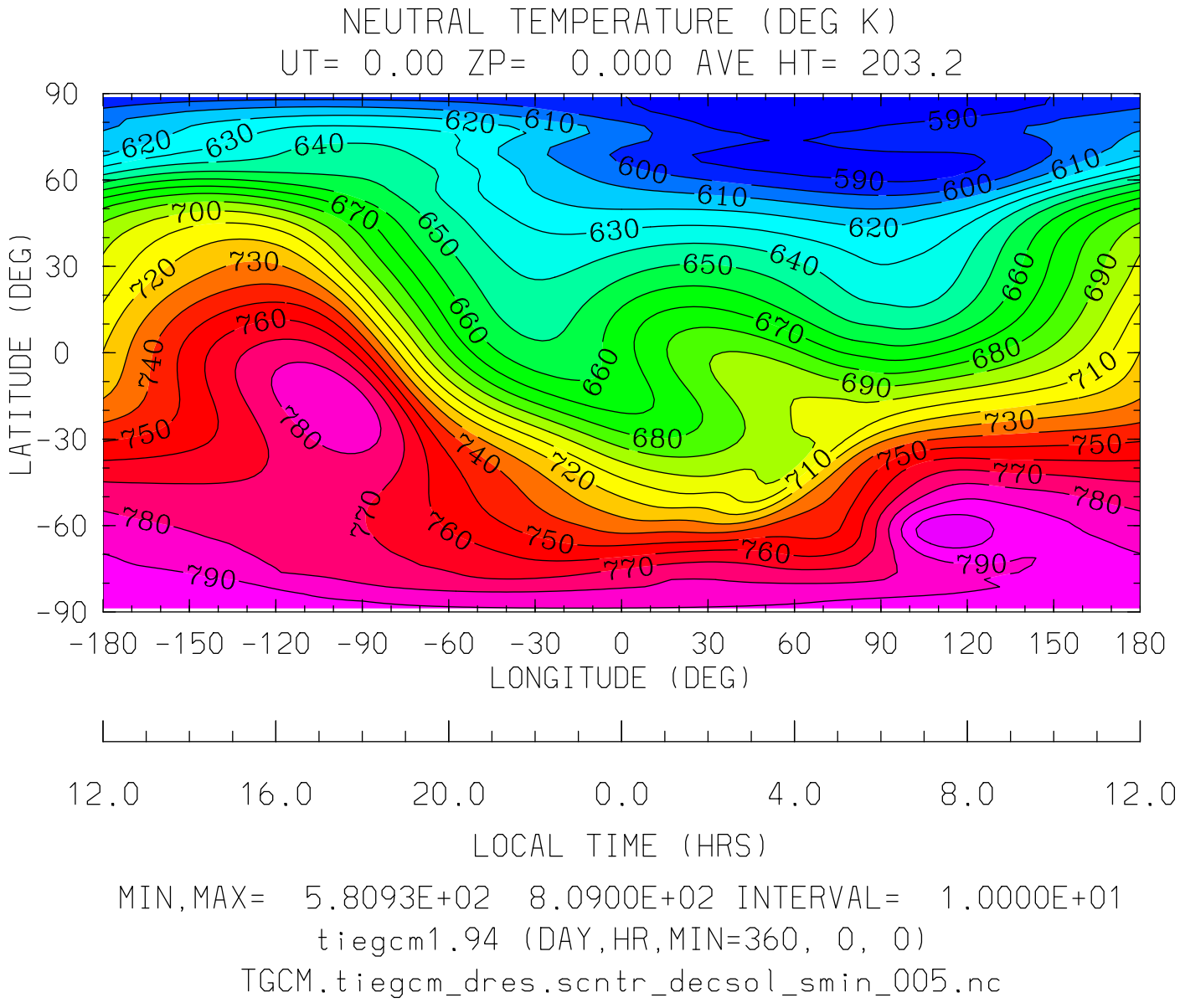

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
380
384
388
392
396
400
404
408
412
LOCAL TIME
MIN,MAX= 3.7245E+02 4.3014E+02 INTERVAL= 4.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

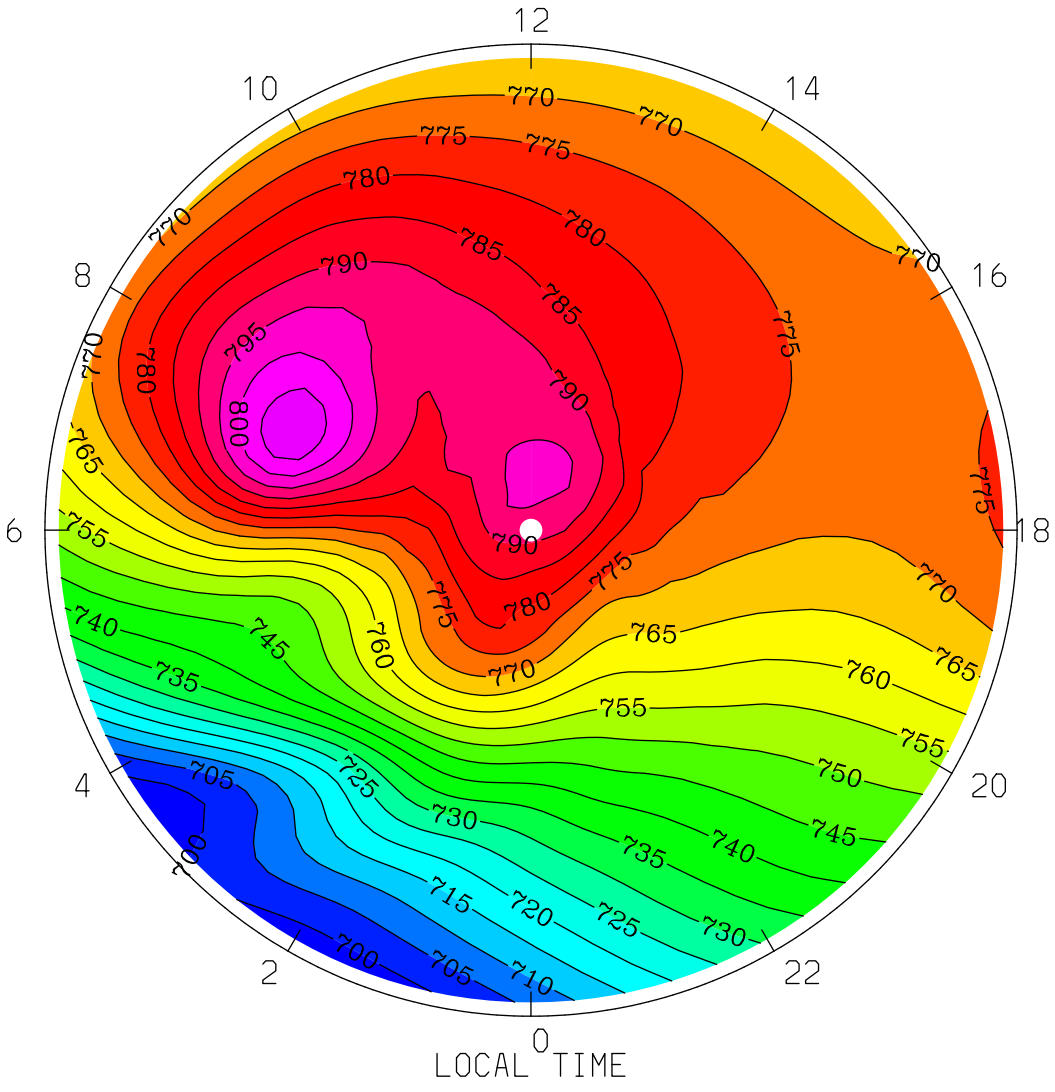


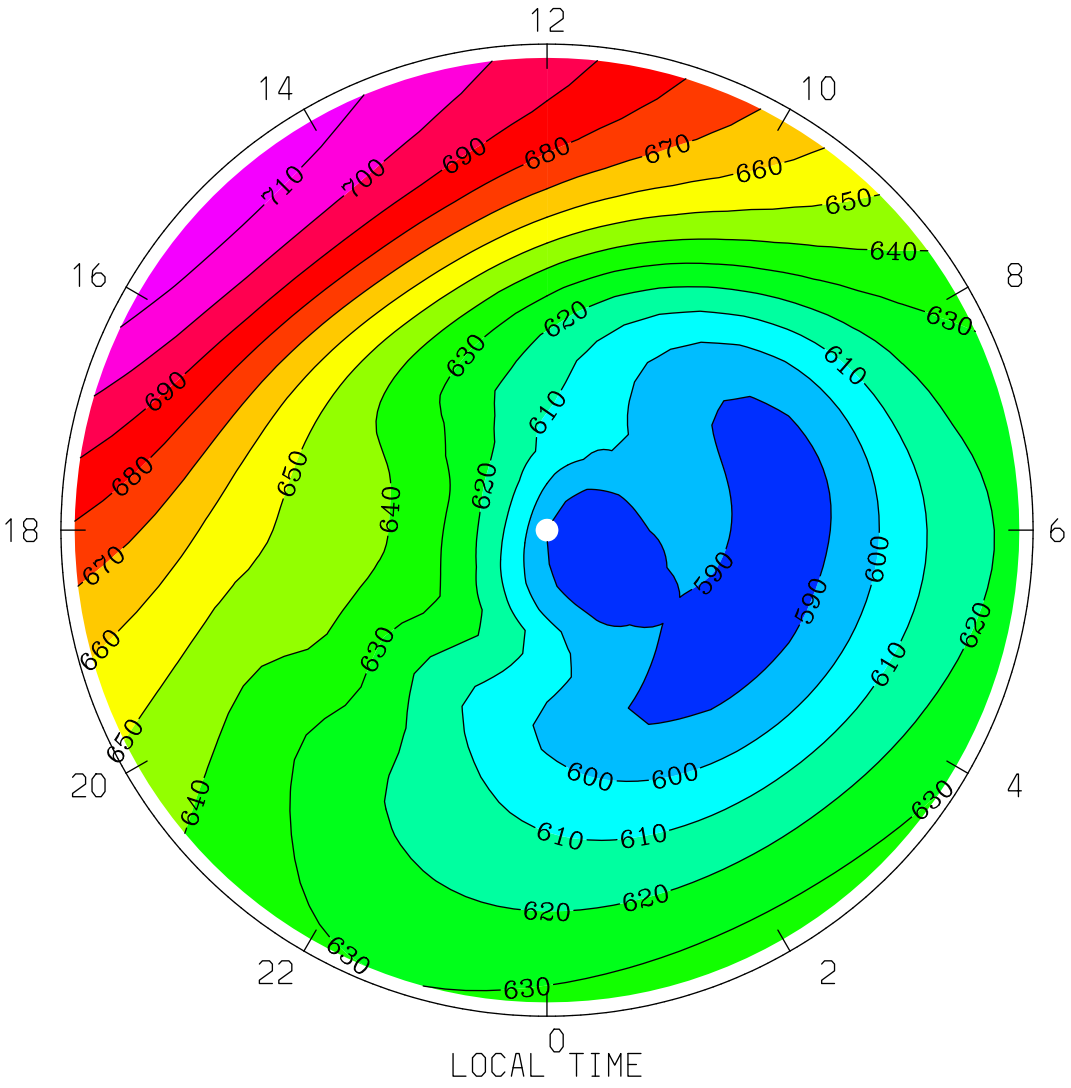
MIN,MAX= 3.2421E+02 3.8627E+02 INTERVAL= 5.0000E+00

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 0.000 AVE HT= 203.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 5.8093E+02 8.0900E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

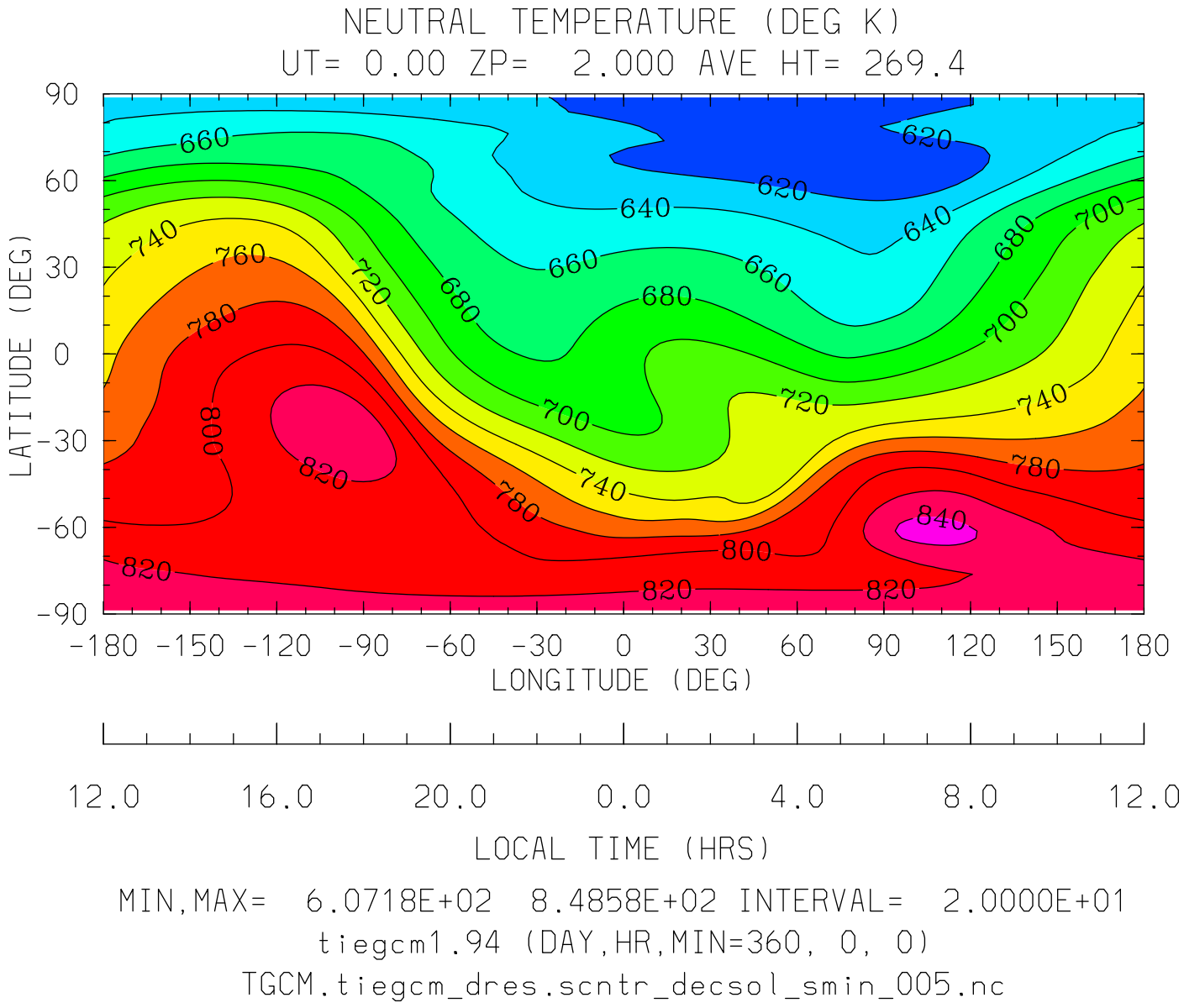

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 6.9713E+02 8.0900E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

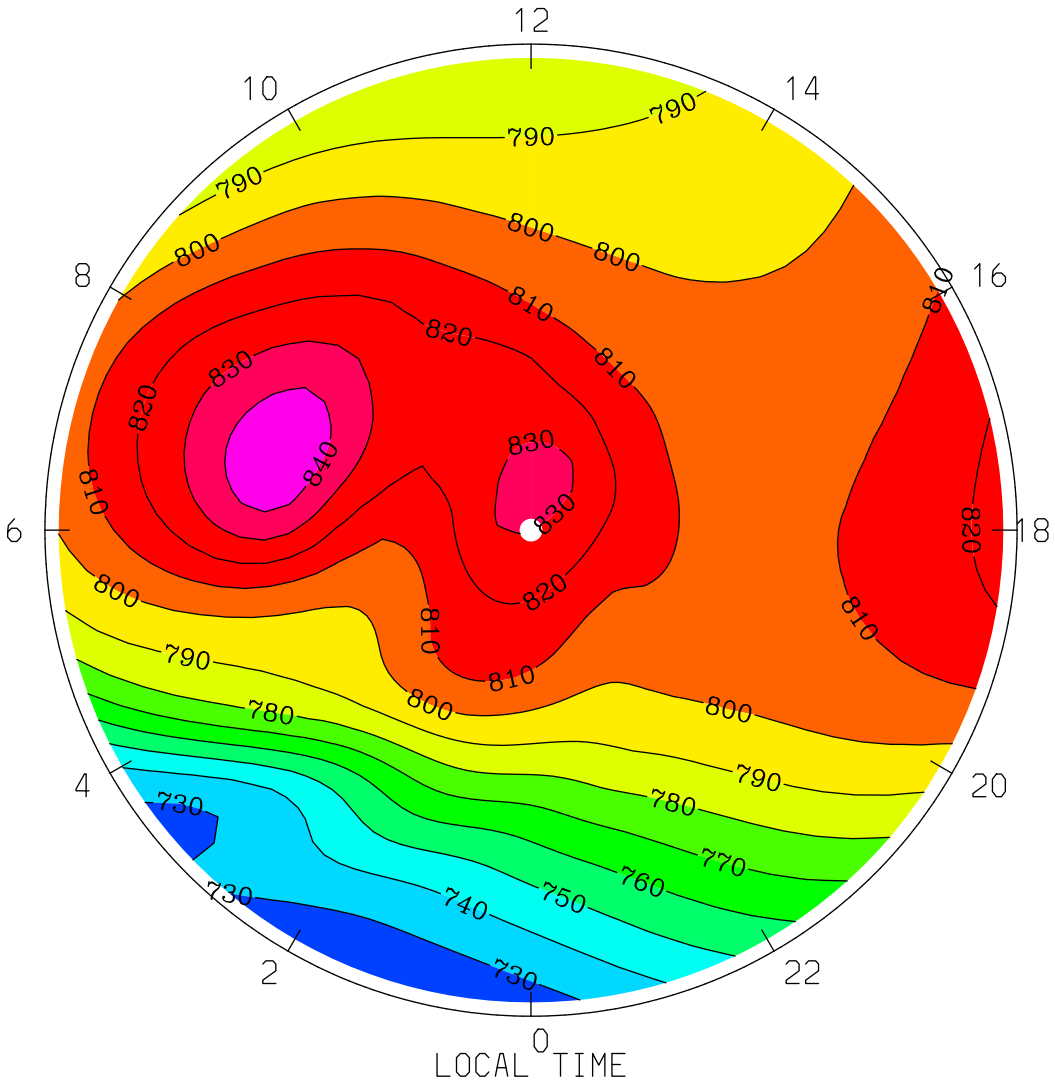


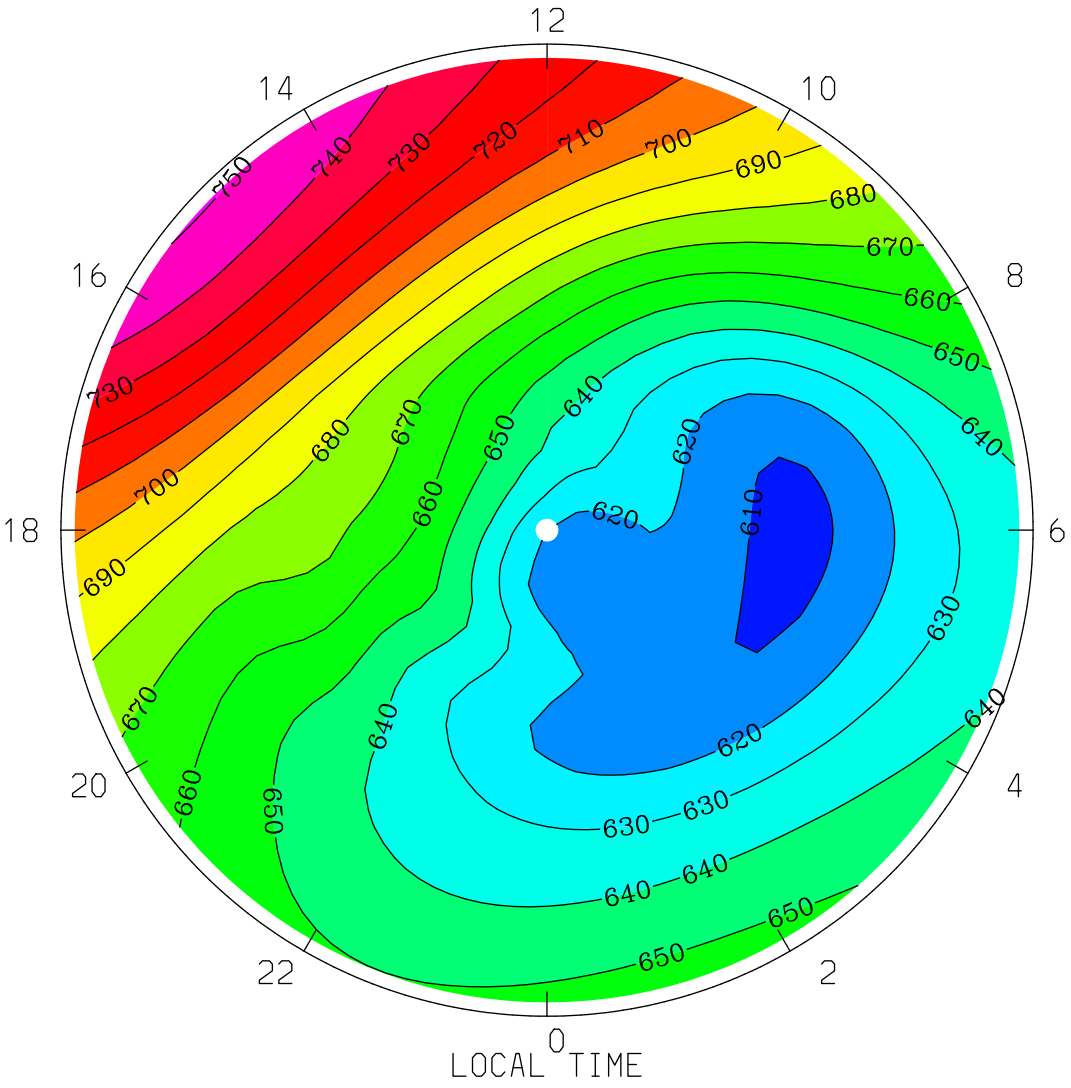
MIN,MAX= 5.8093E+02 7.1728E+02 INTERVAL= 1.0000E+01

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 2.000 AVE HT= 269.4
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= 6.0718E+02 8.4858E+02 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

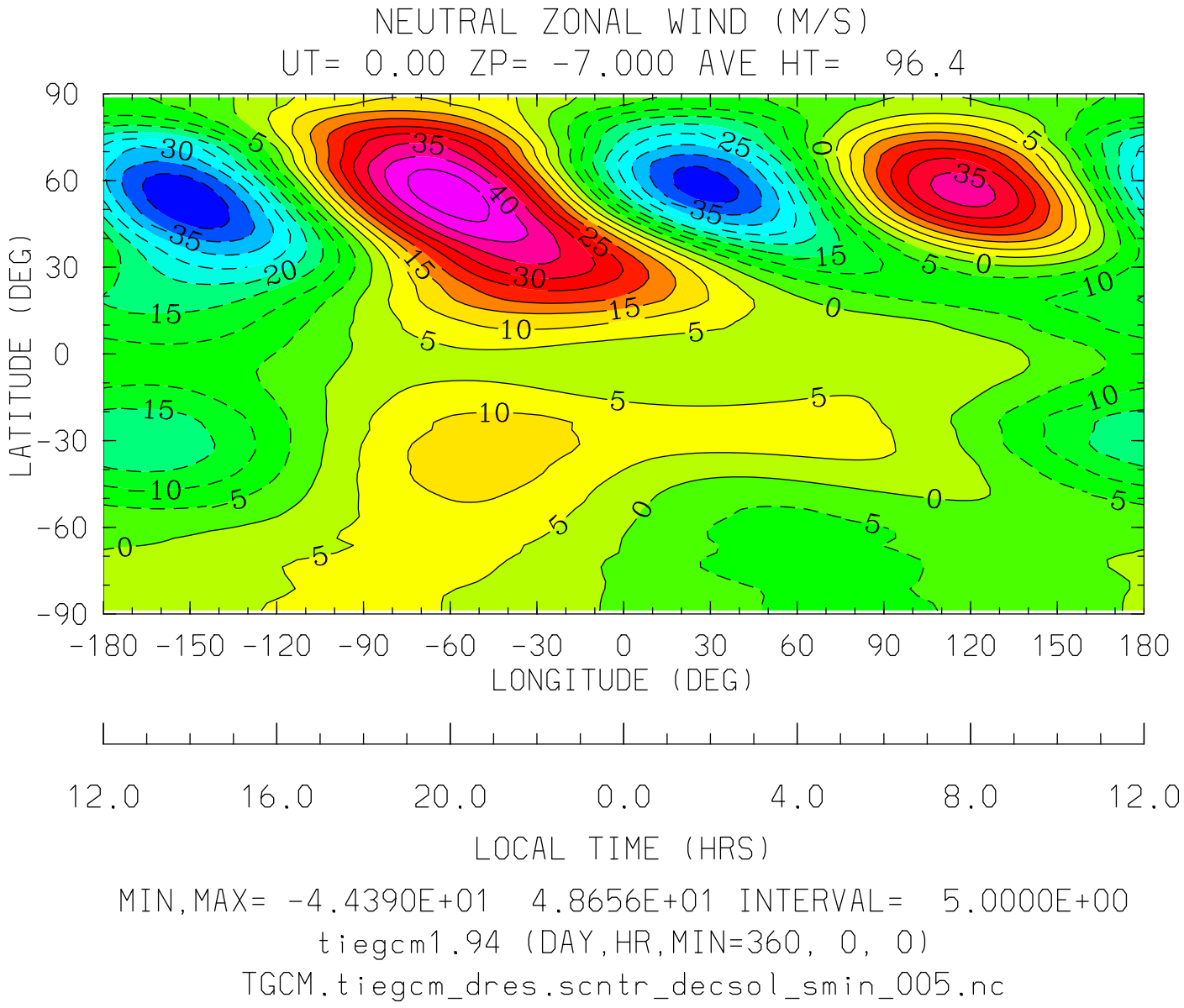

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 7.2105E+02 8.4858E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

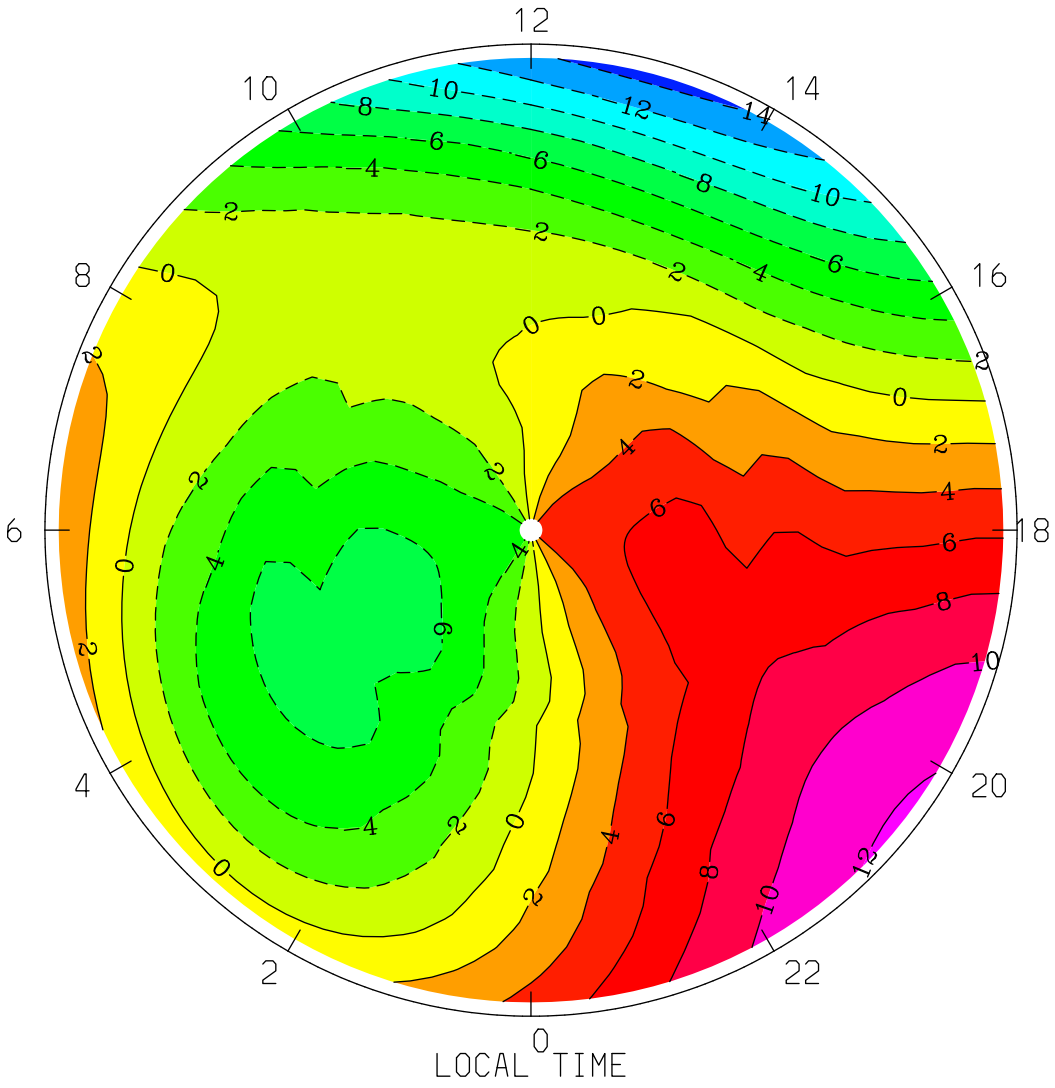


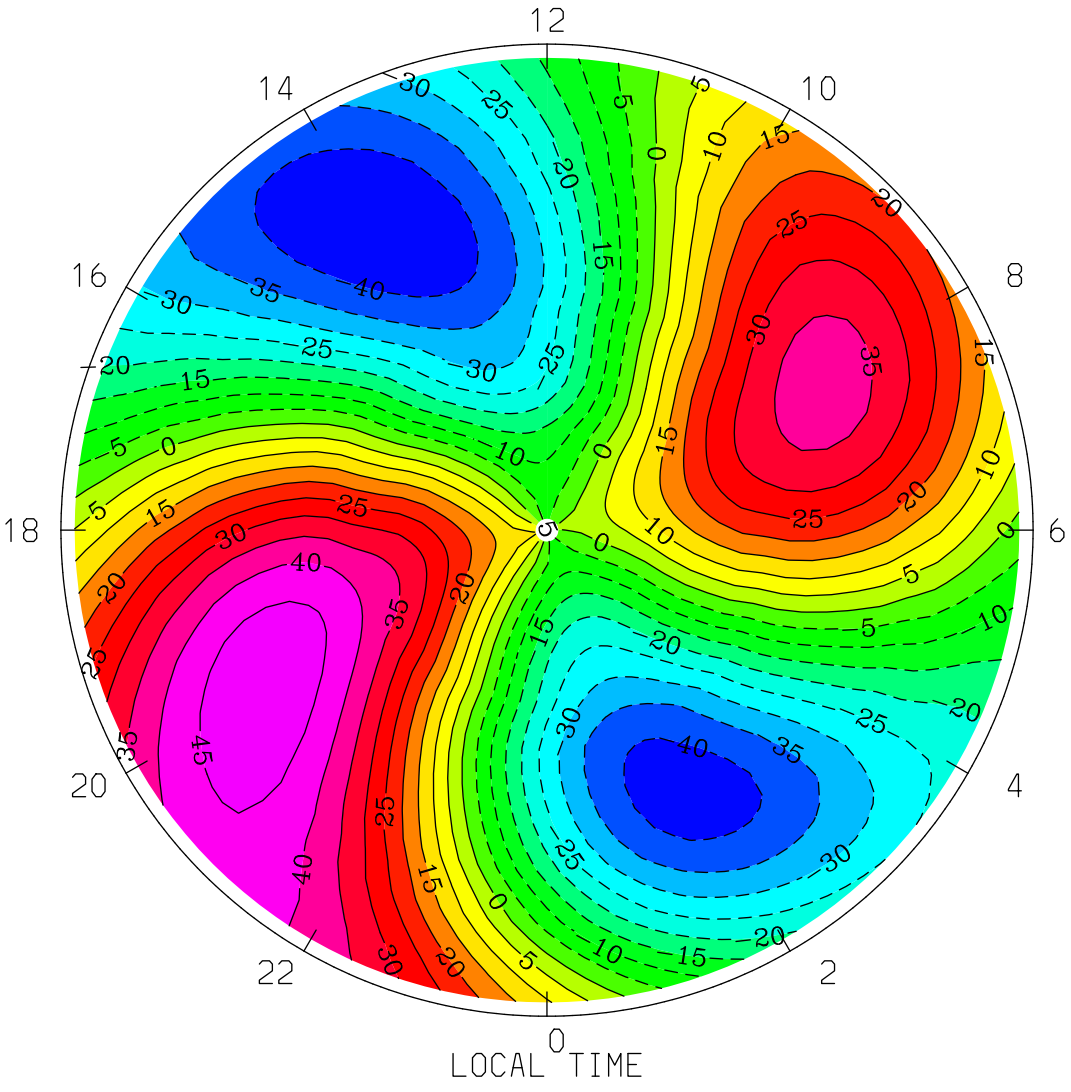
MIN,MAX= 6.0718E+02 7.5059E+02 INTERVAL= 1.0000E+01

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

TGCM.tiegcm_dres.scntr_decsol_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= -4.4390E+01 4.8656E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

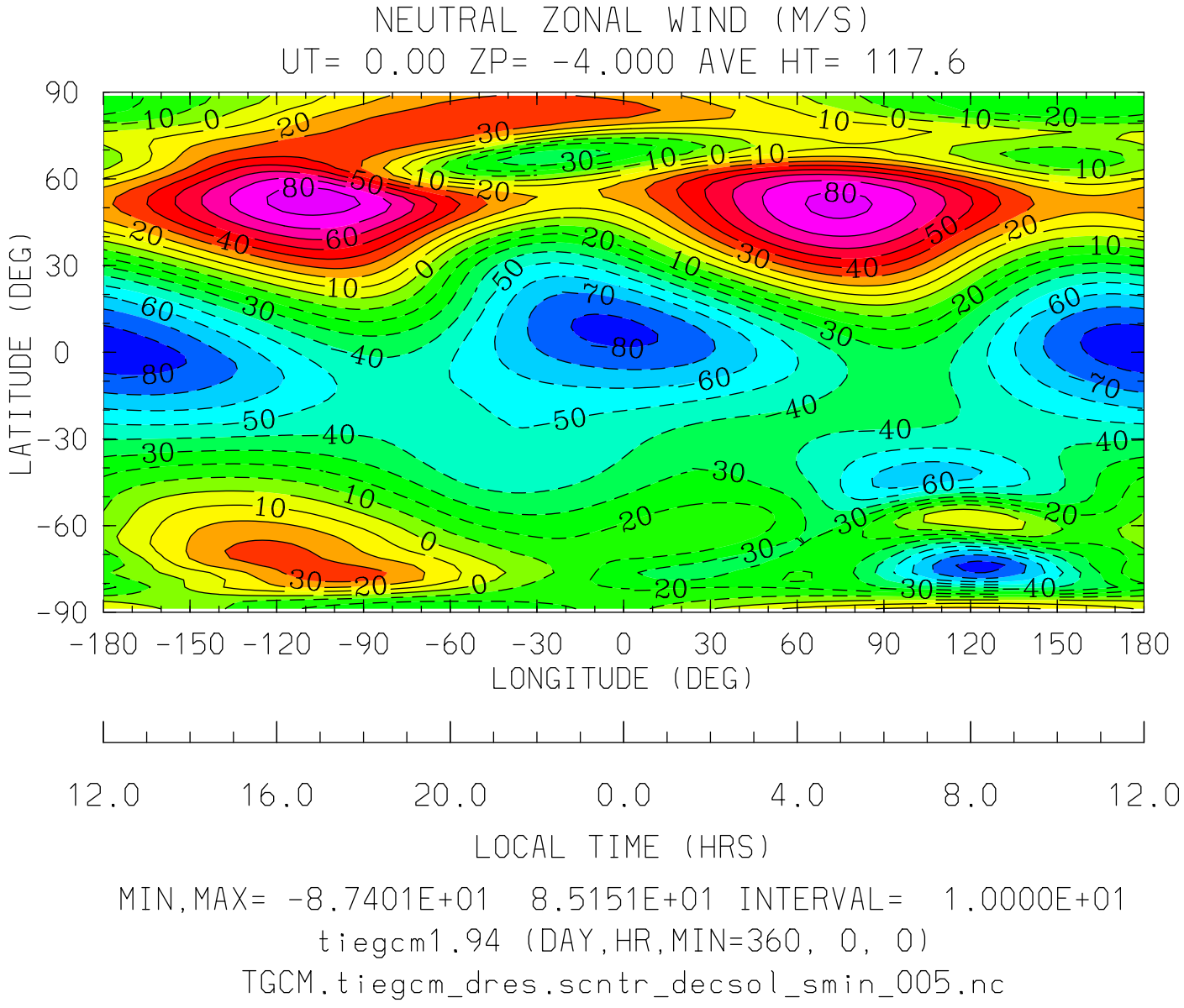

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -1.4721E+01 1.2232E+01 INTERVAL= 2.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

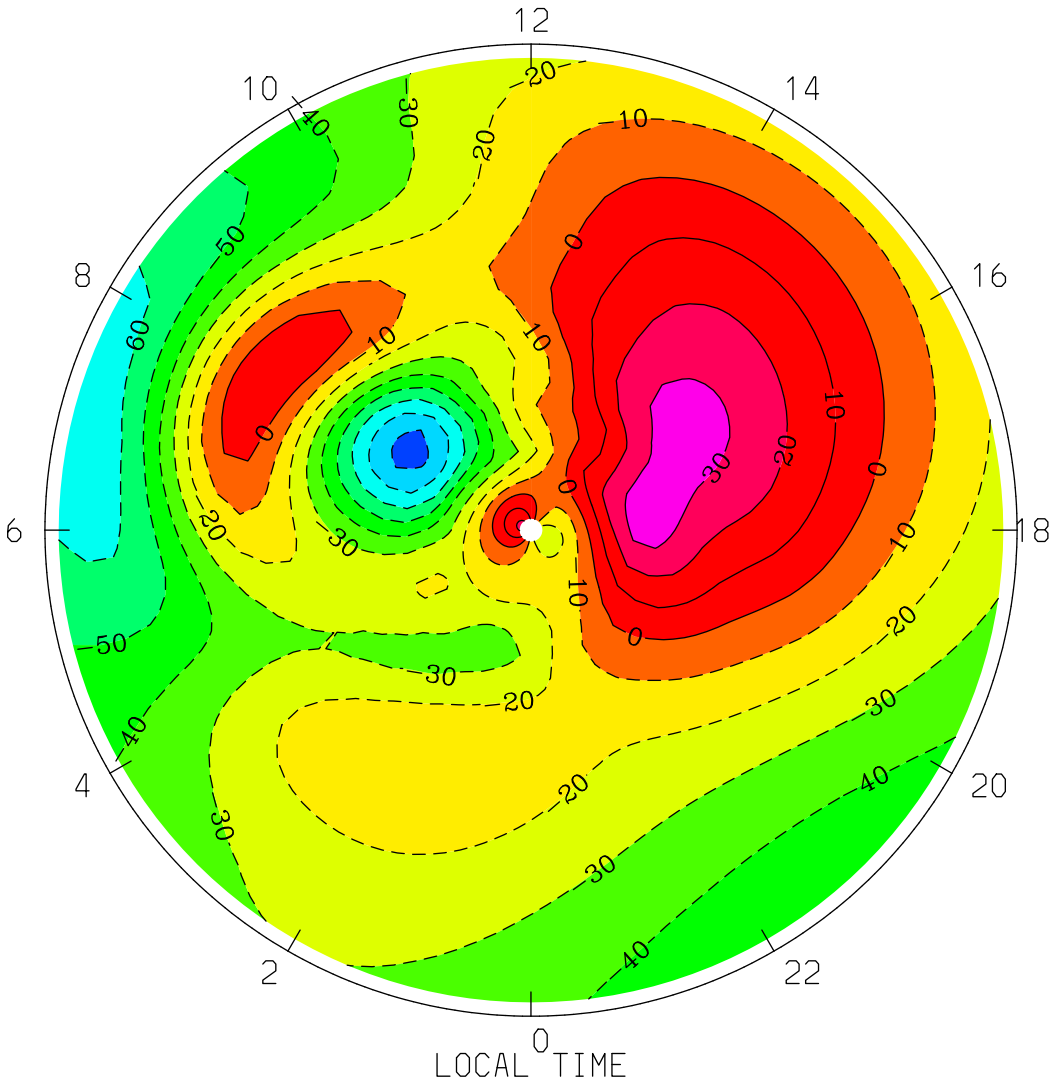


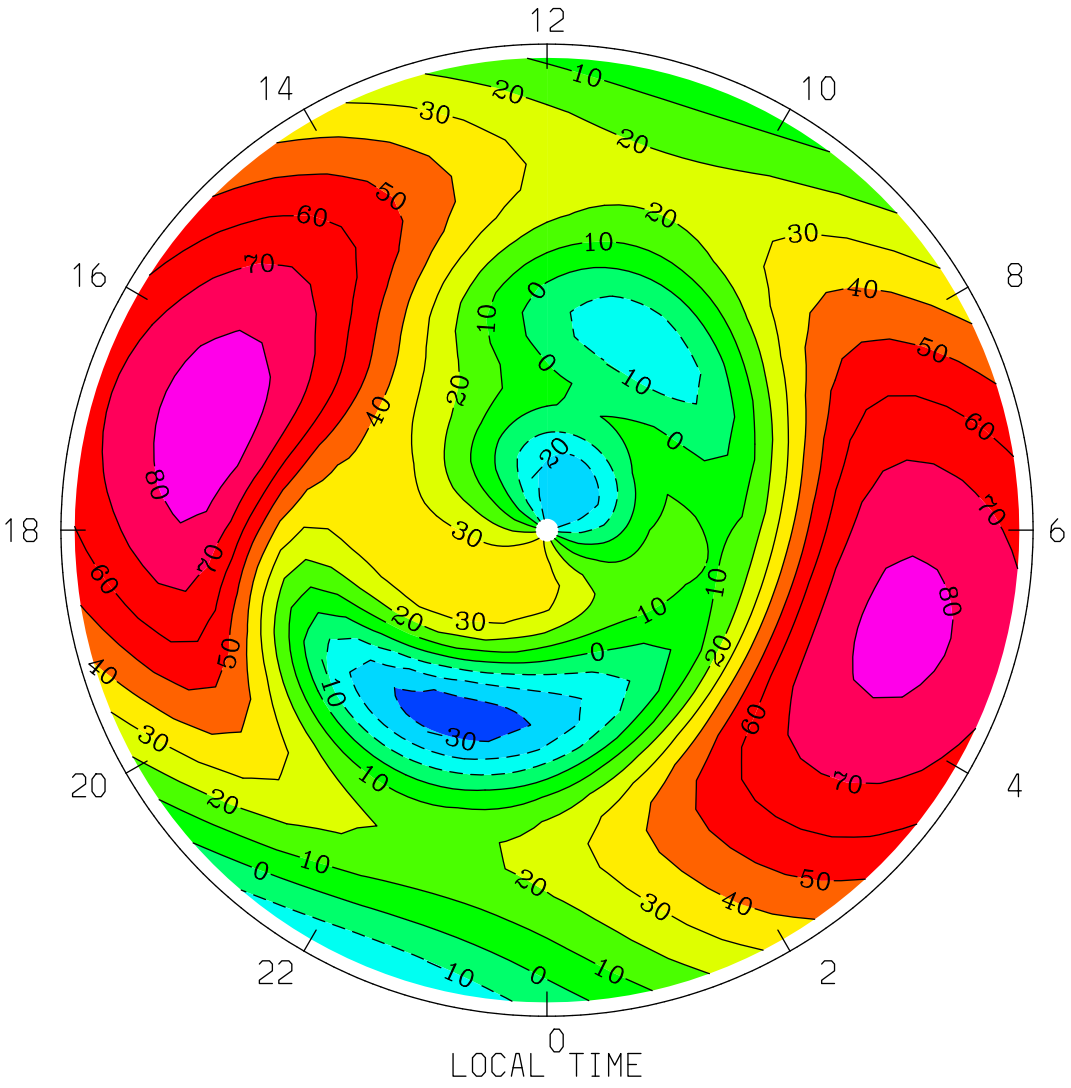
MIN,MAX= -4.4390E+01 4.8656E+01 INTERVAL= 5.0000E+00

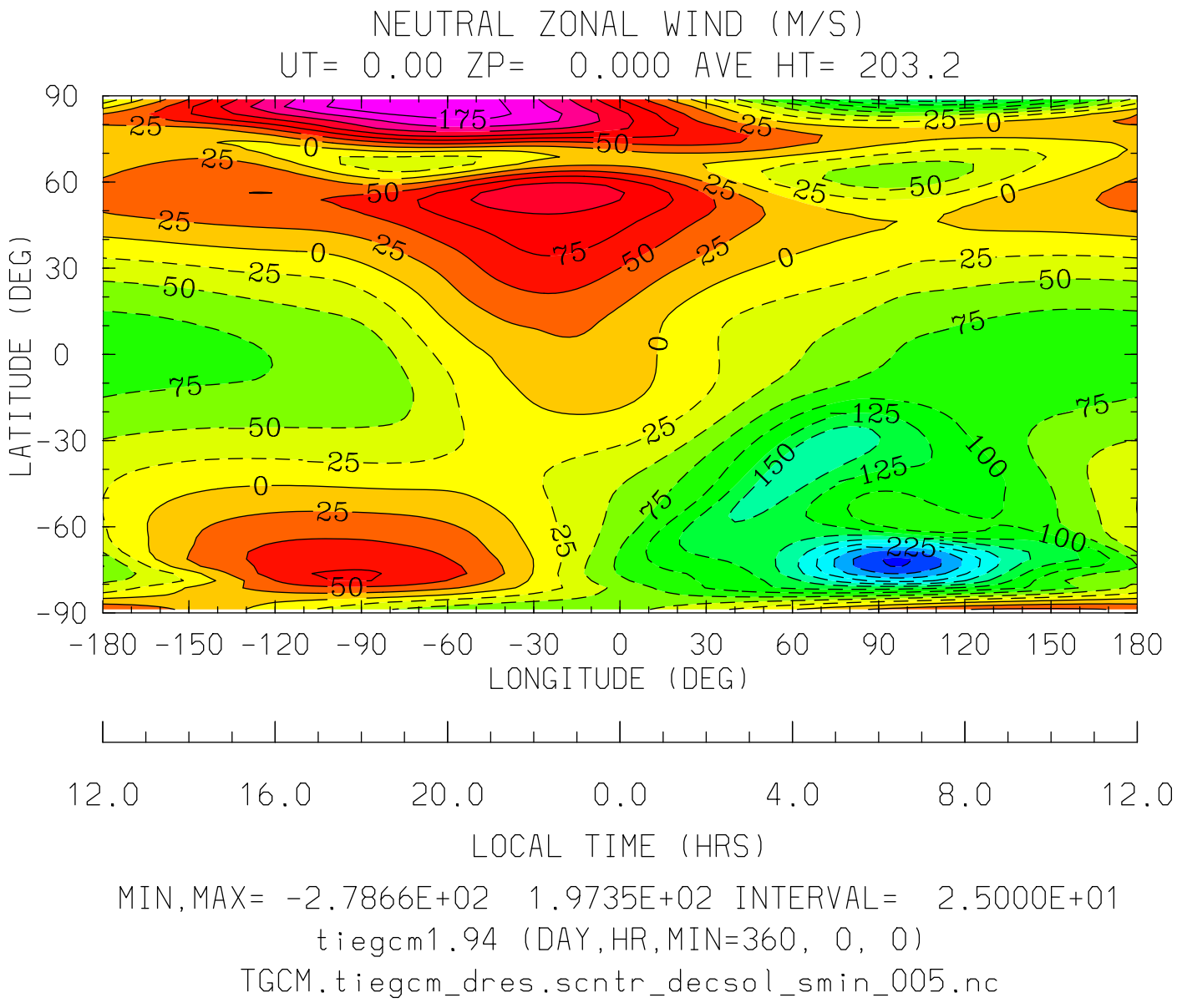
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

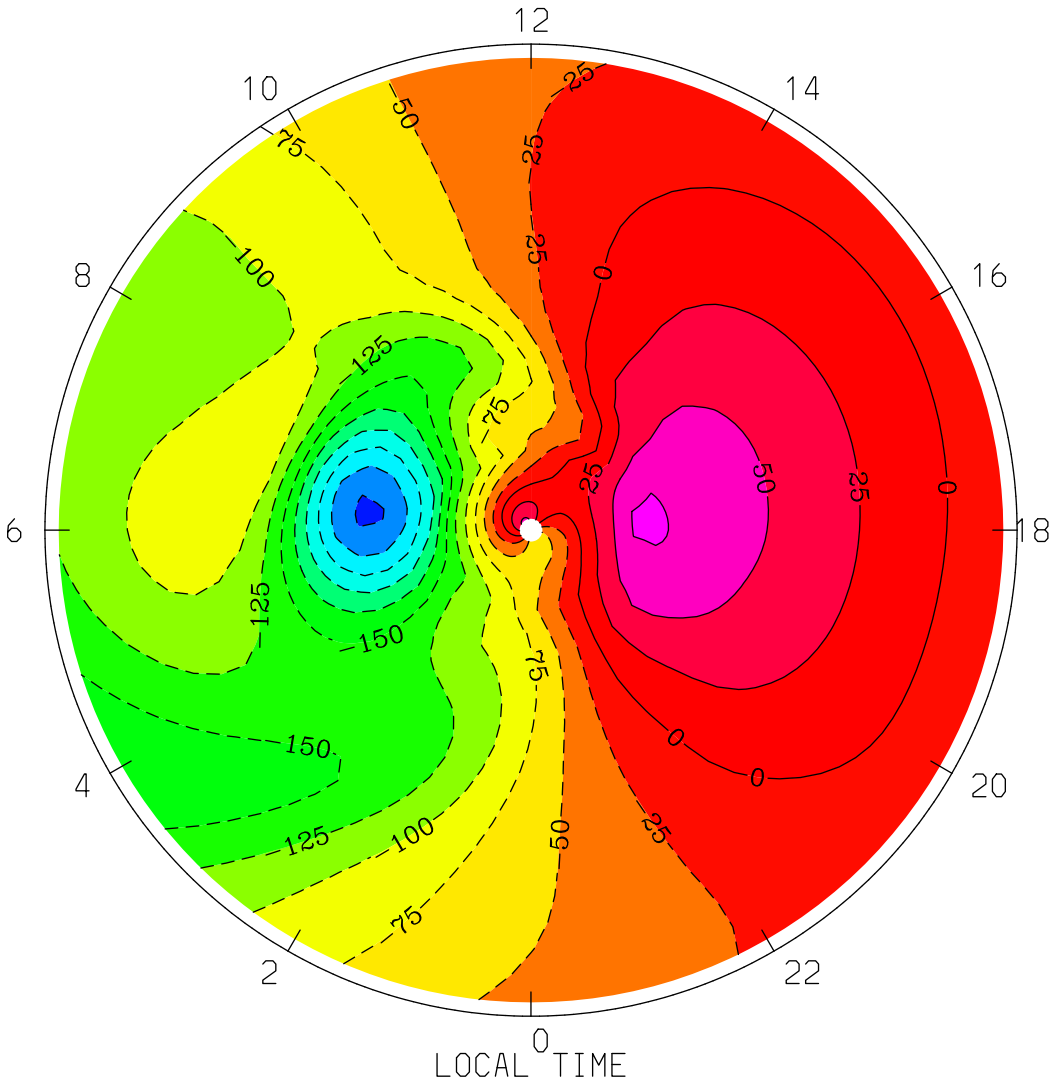
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

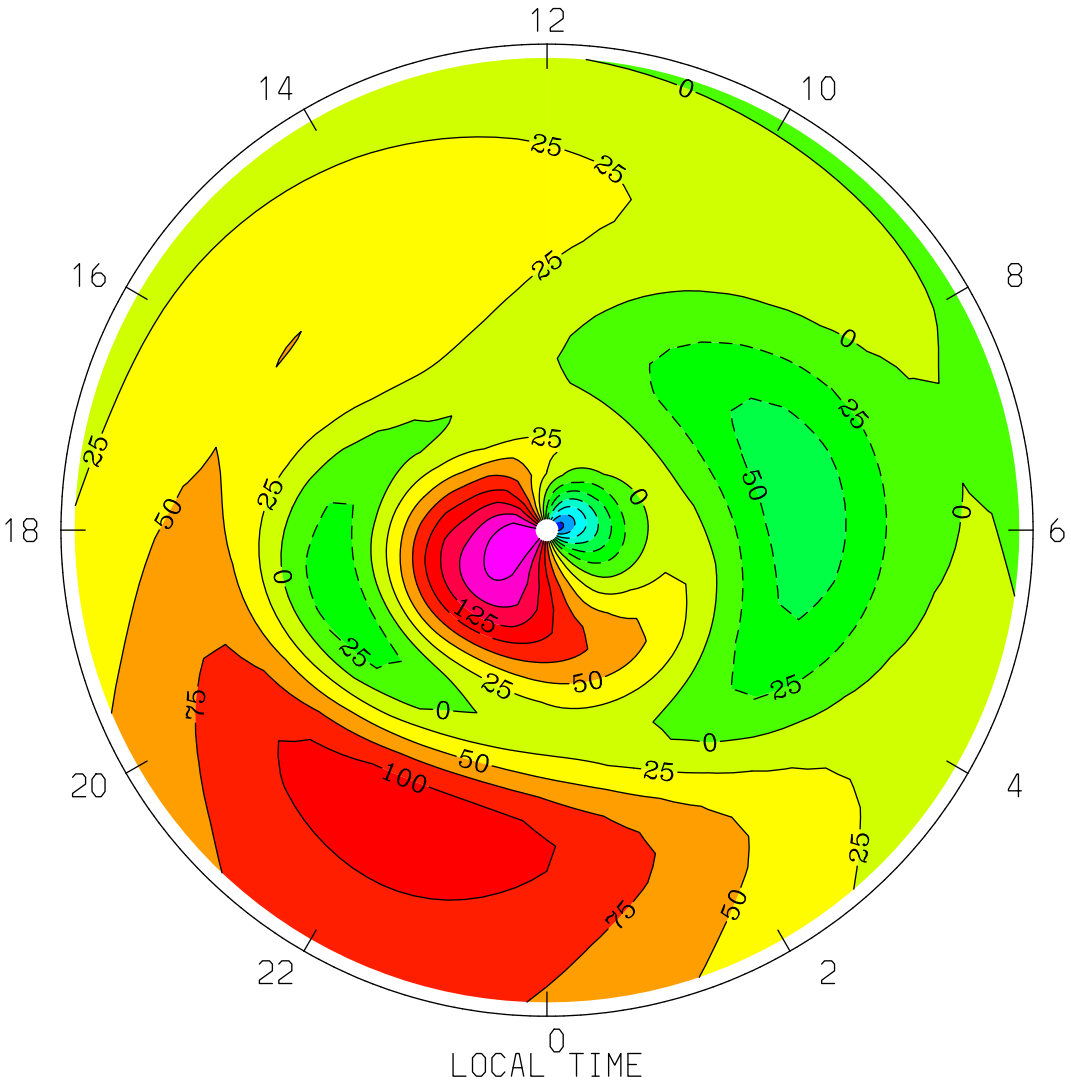

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 117.6
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -8.7401E+01 8.5151E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

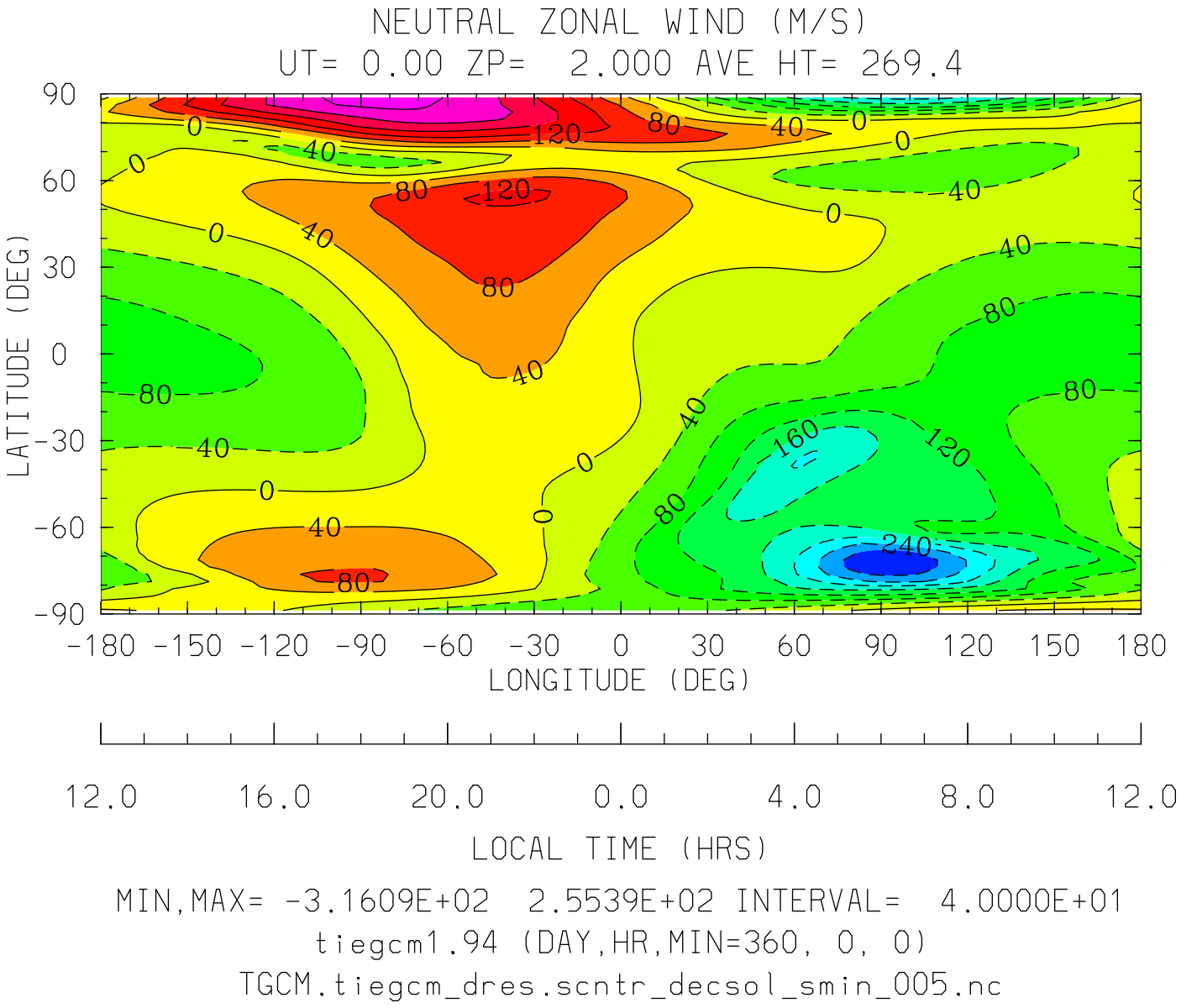

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -8.4466E+01 3.6856E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

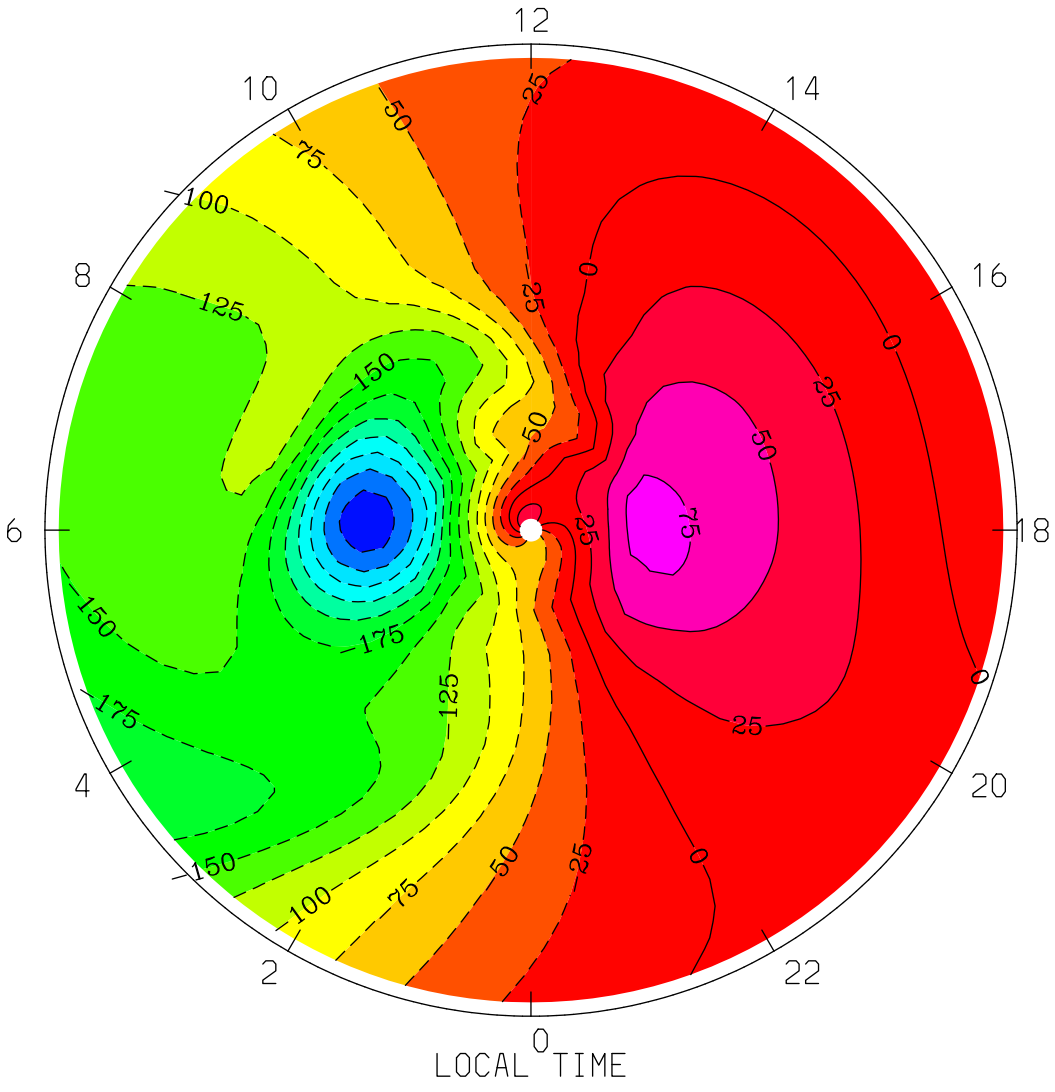

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -3.4975E+01 8.5151E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

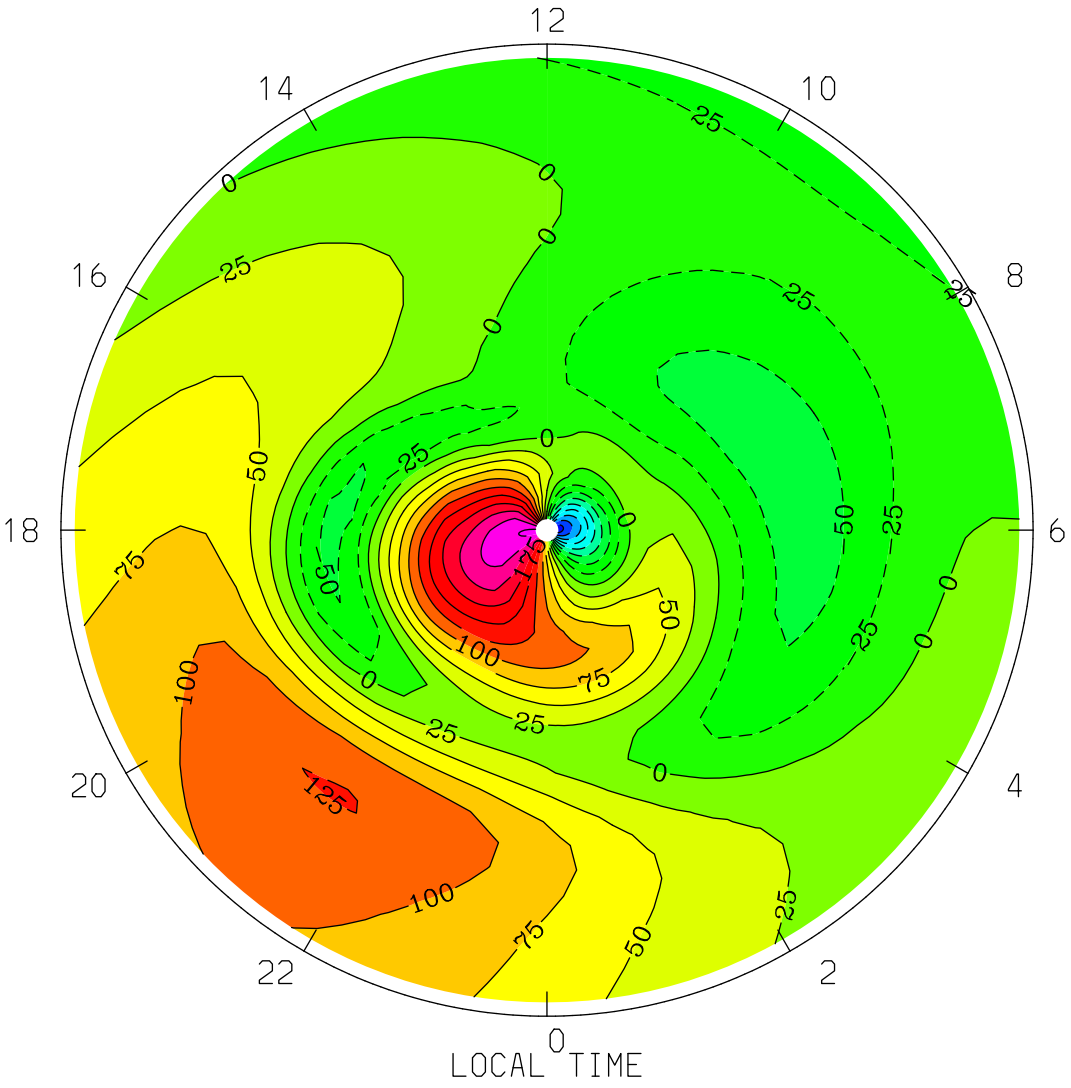

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 203.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.7866E+02 1.9735E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

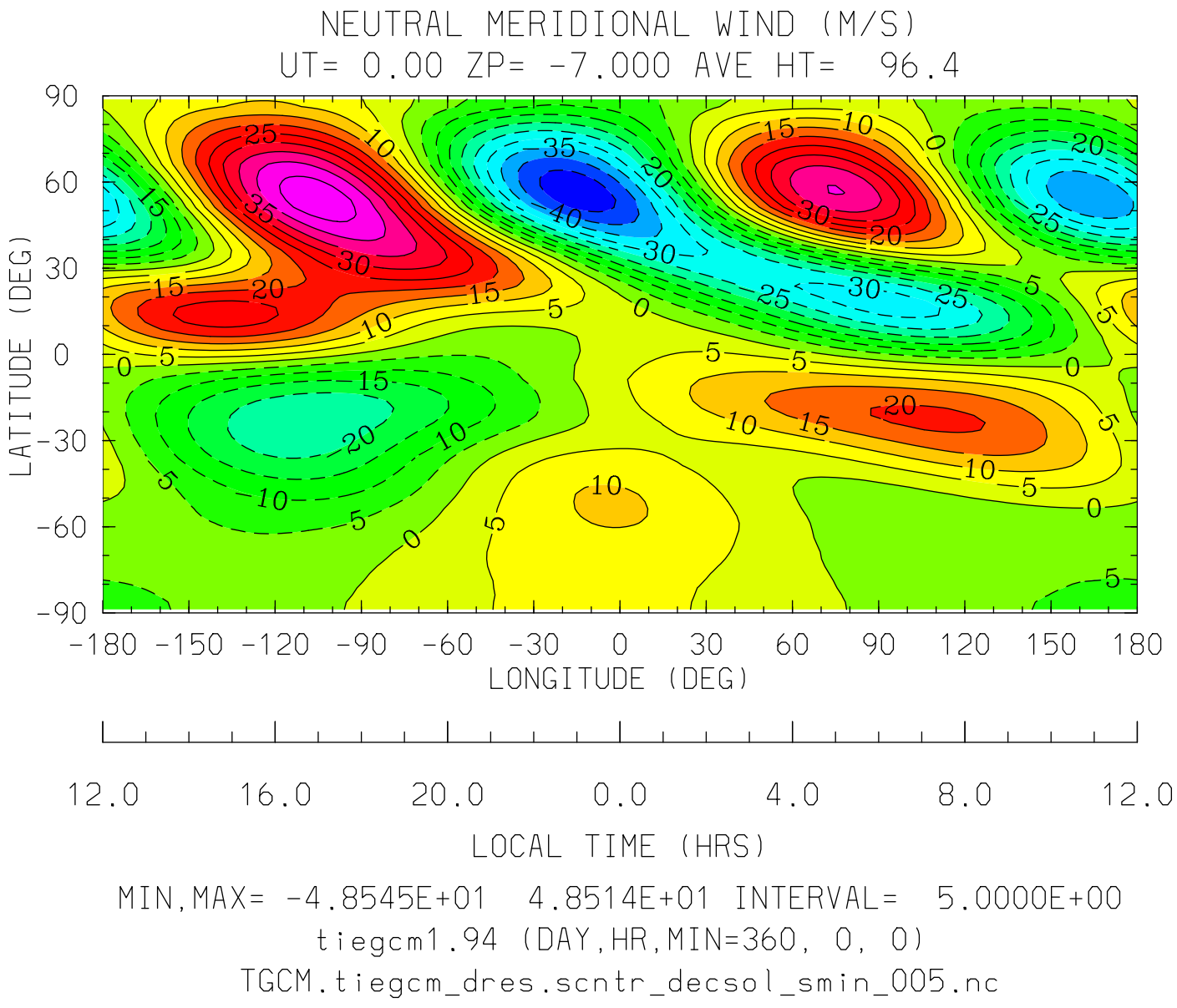

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -2.7866E+02 7.8044E+01 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -1.6292E+02 1.9735E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 269.4
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= -3.1609E+02 2.5539E+02 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -3.1609E+02 8.4645E+01 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

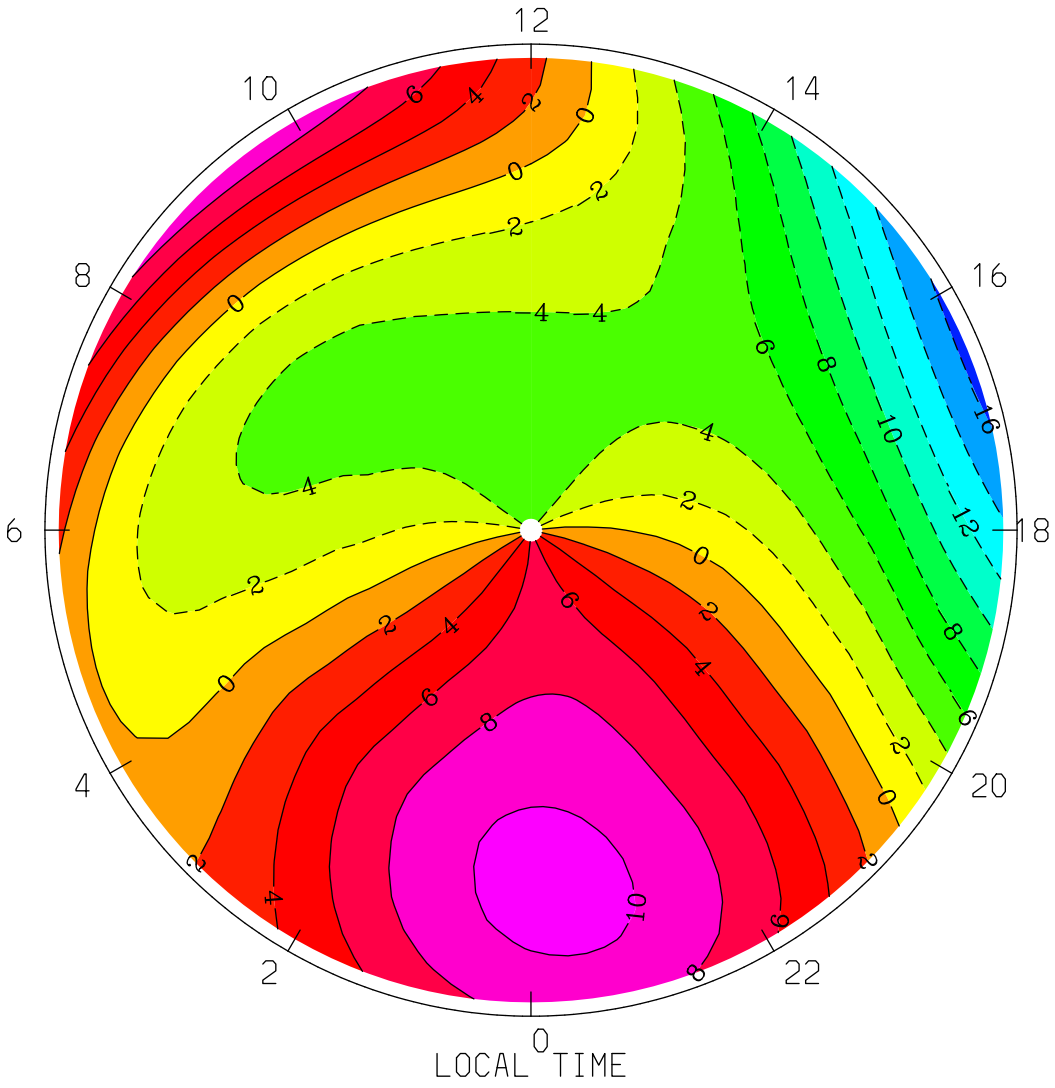

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -2.1487E+02 2.5539E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

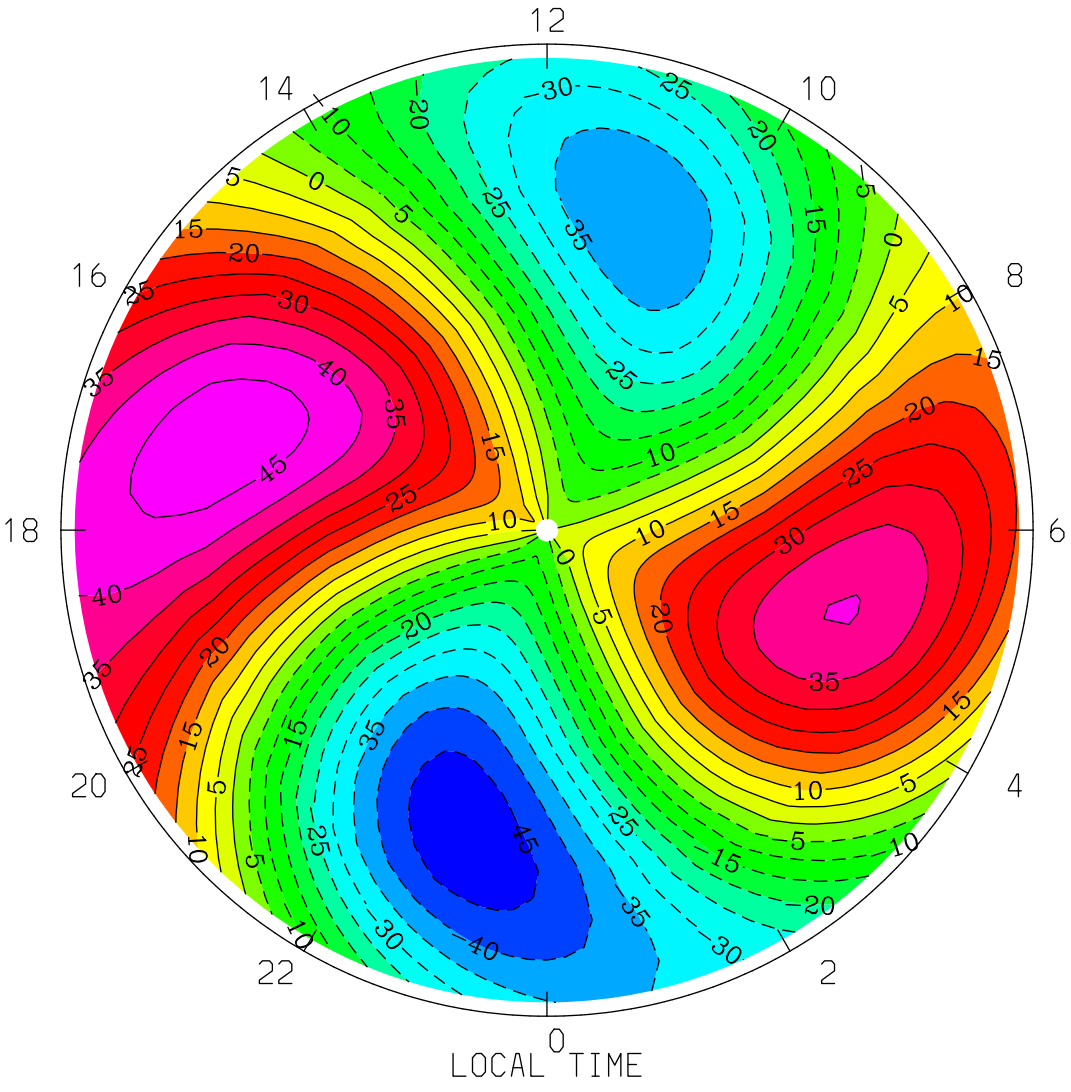


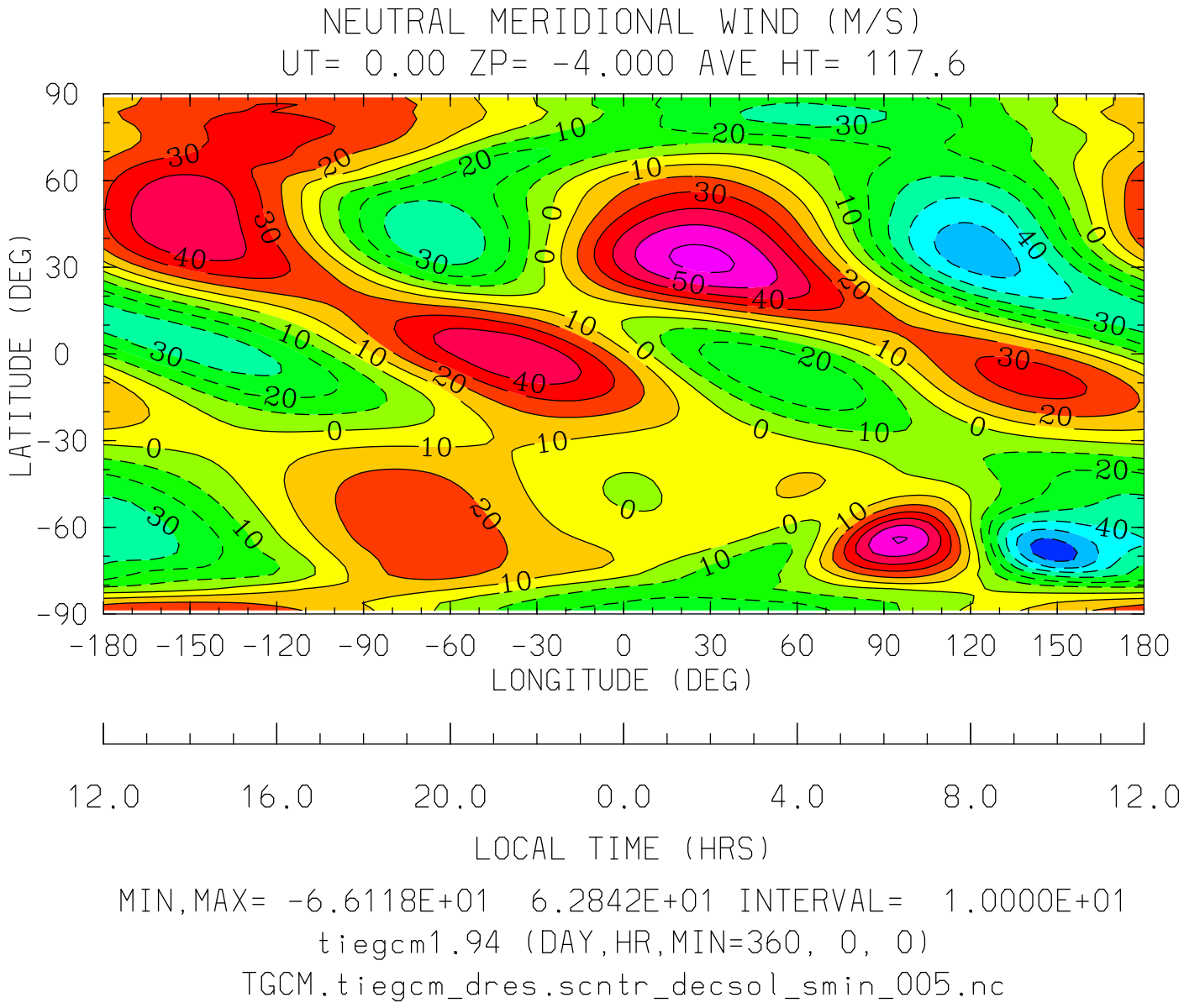
MIN,MAX= -4.8545E+01 4.8514E+01 INTERVAL= 5.0000E+00

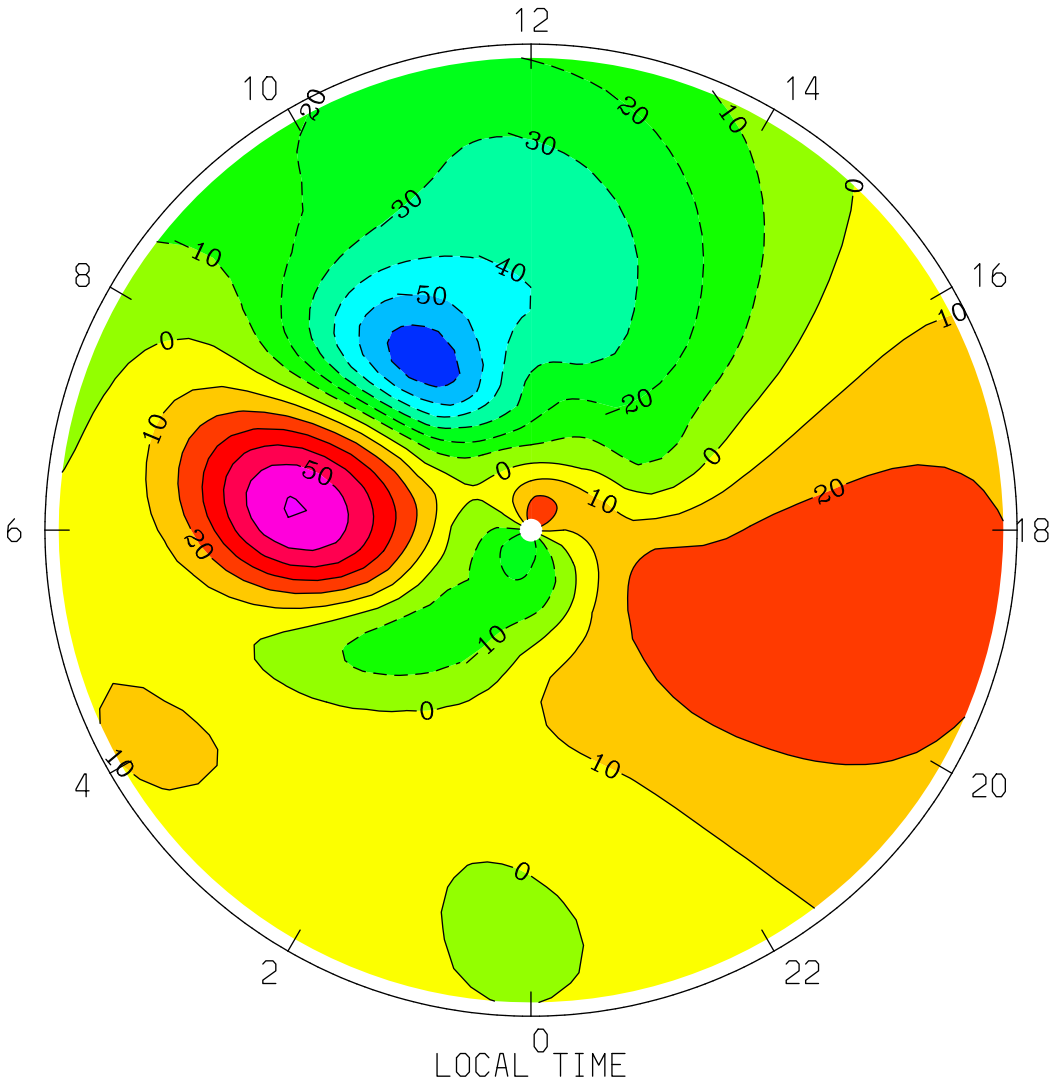
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

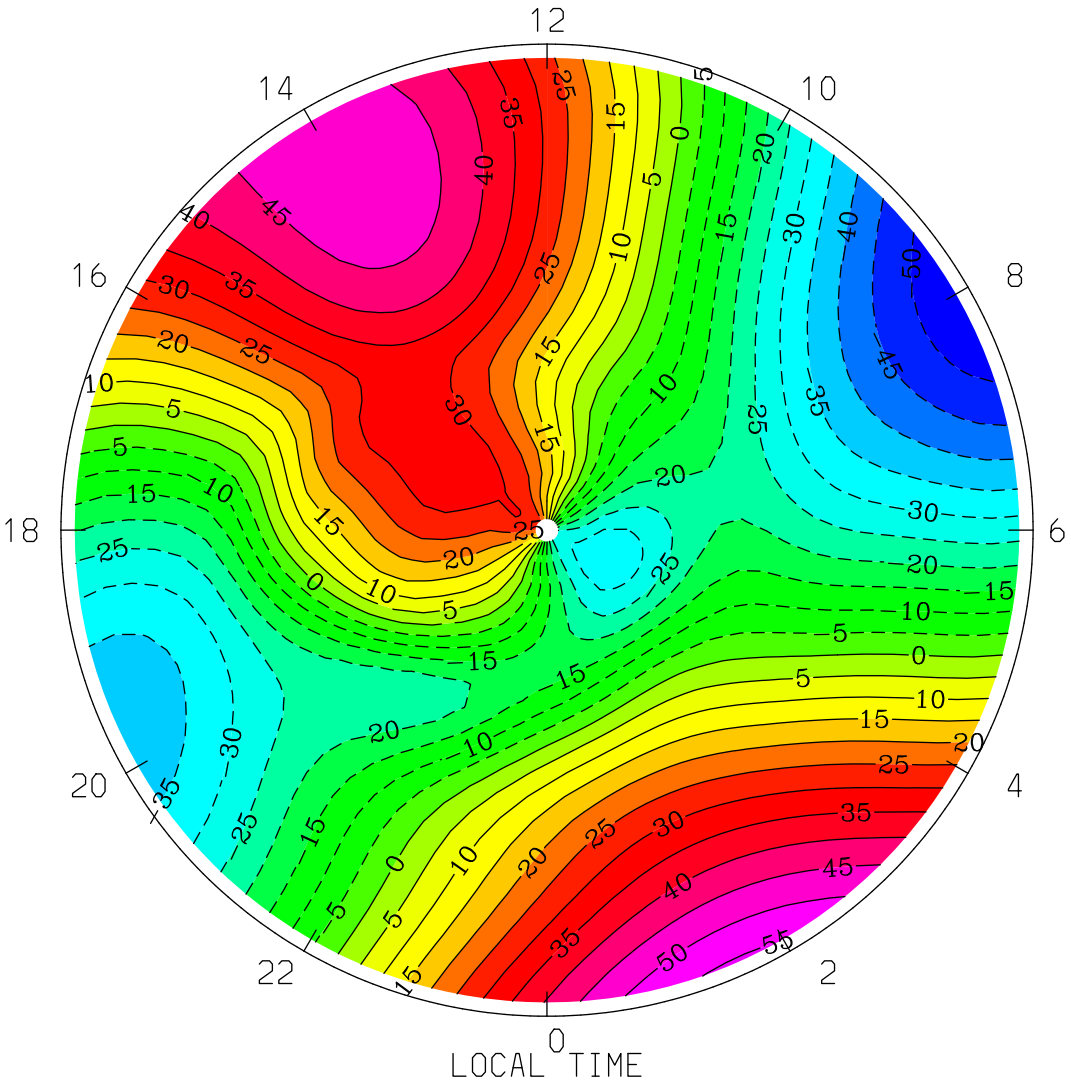
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


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= -1.6603E+01 1.0628E+01 INTERVAL= 2.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_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= -4.8545E+01 4.8514E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 117.6
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -6.6118E+01 6.2842E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

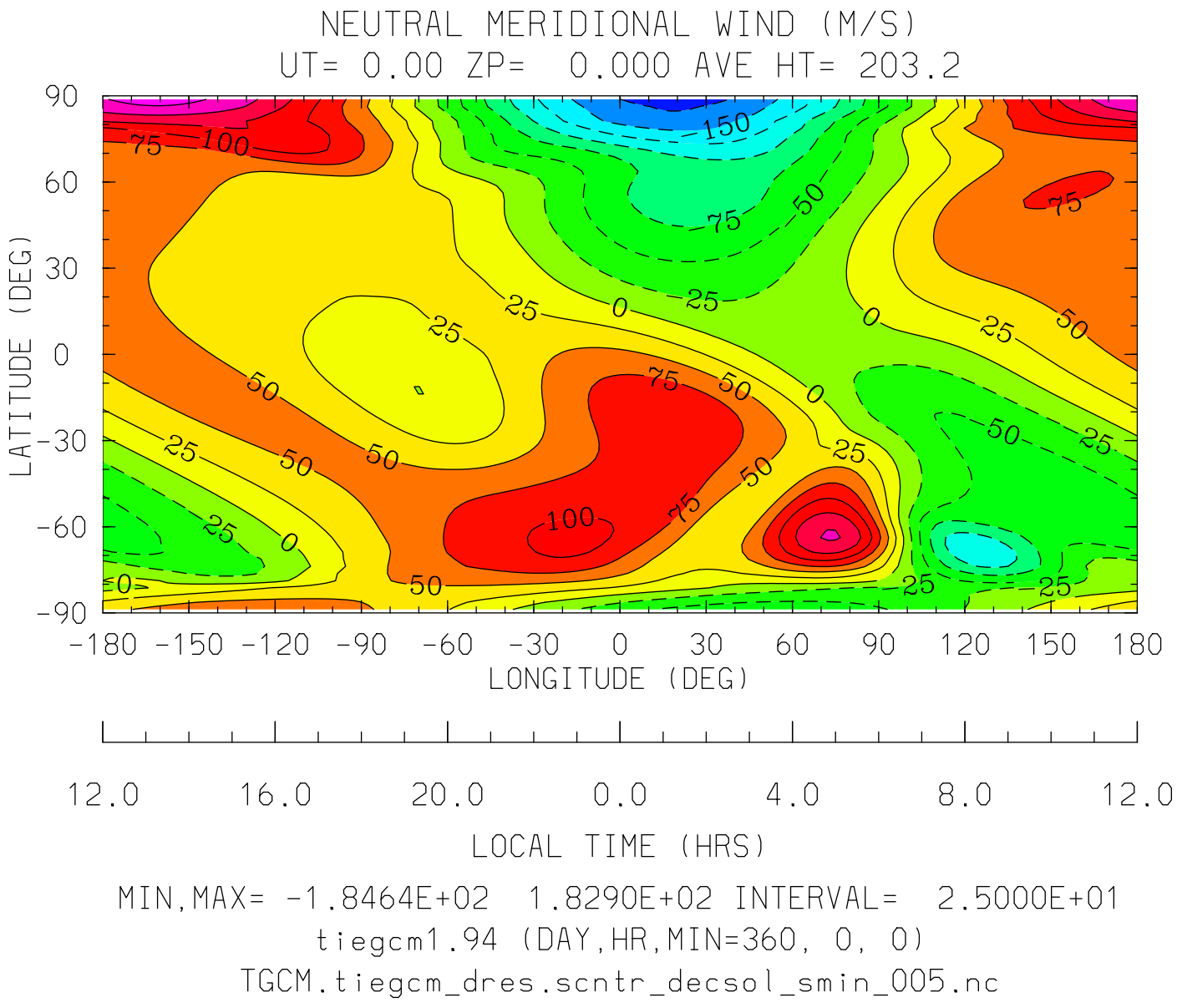

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -6.6118E+01 6.0799E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= -5.3991E+01 5.5675E+01 INTERVAL= 5.0000E+00

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

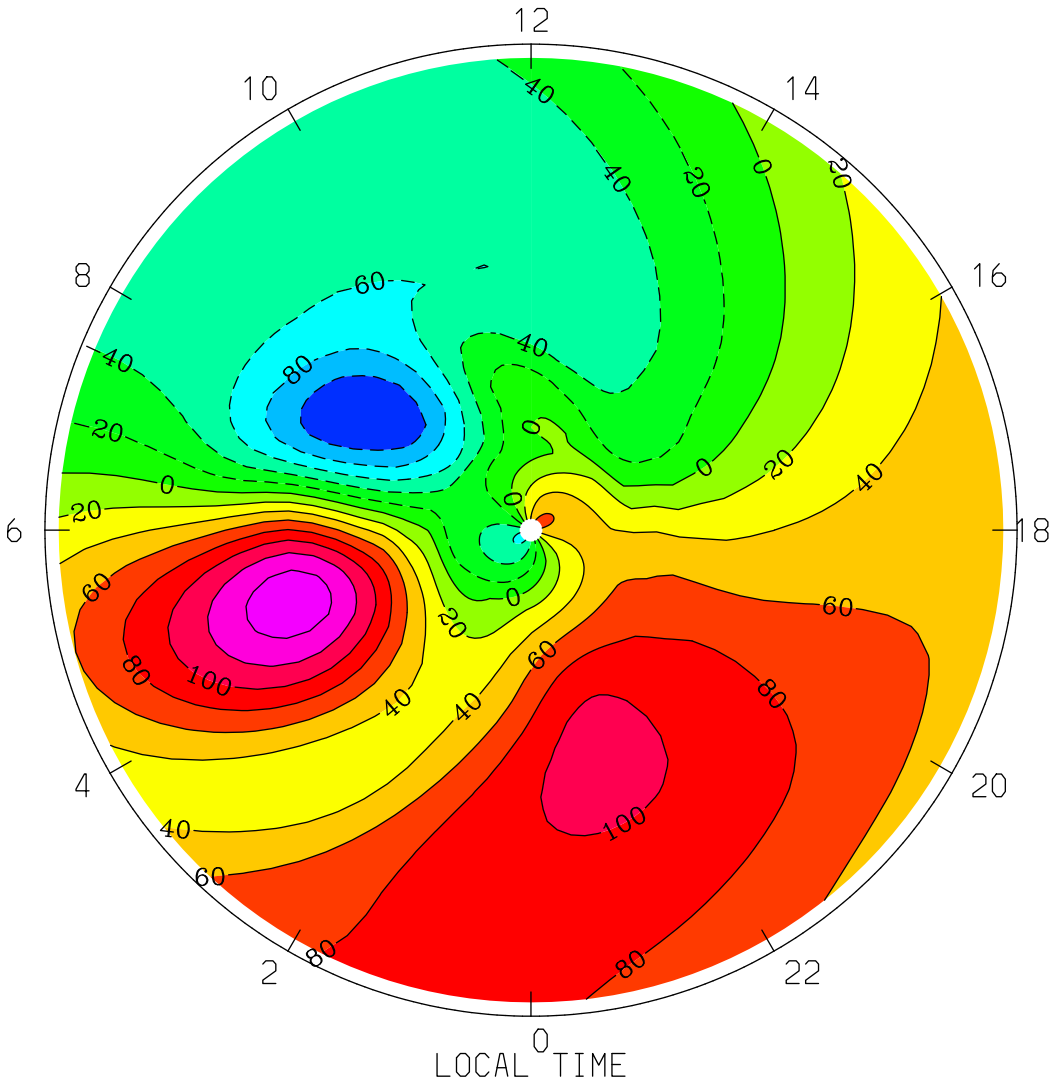
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

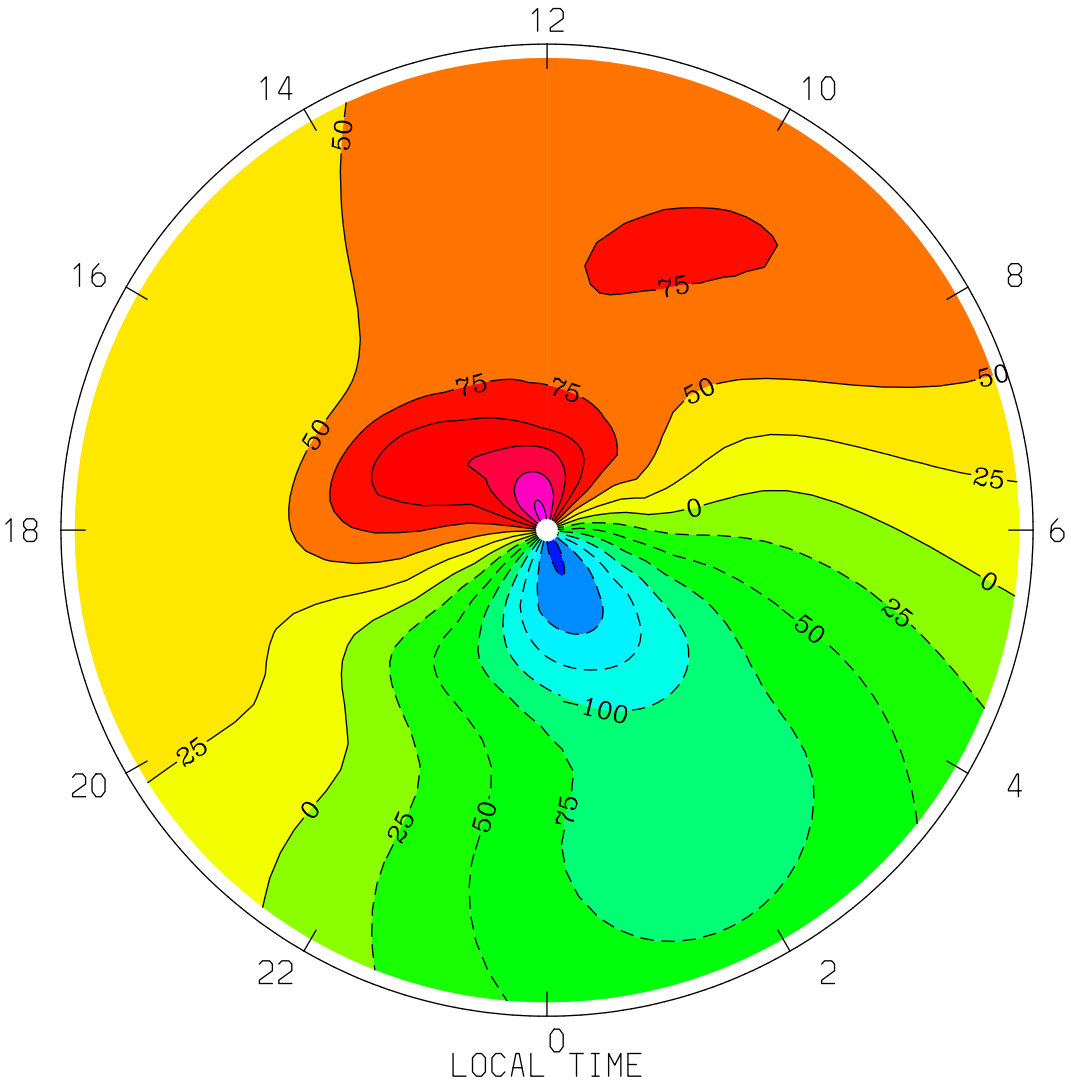


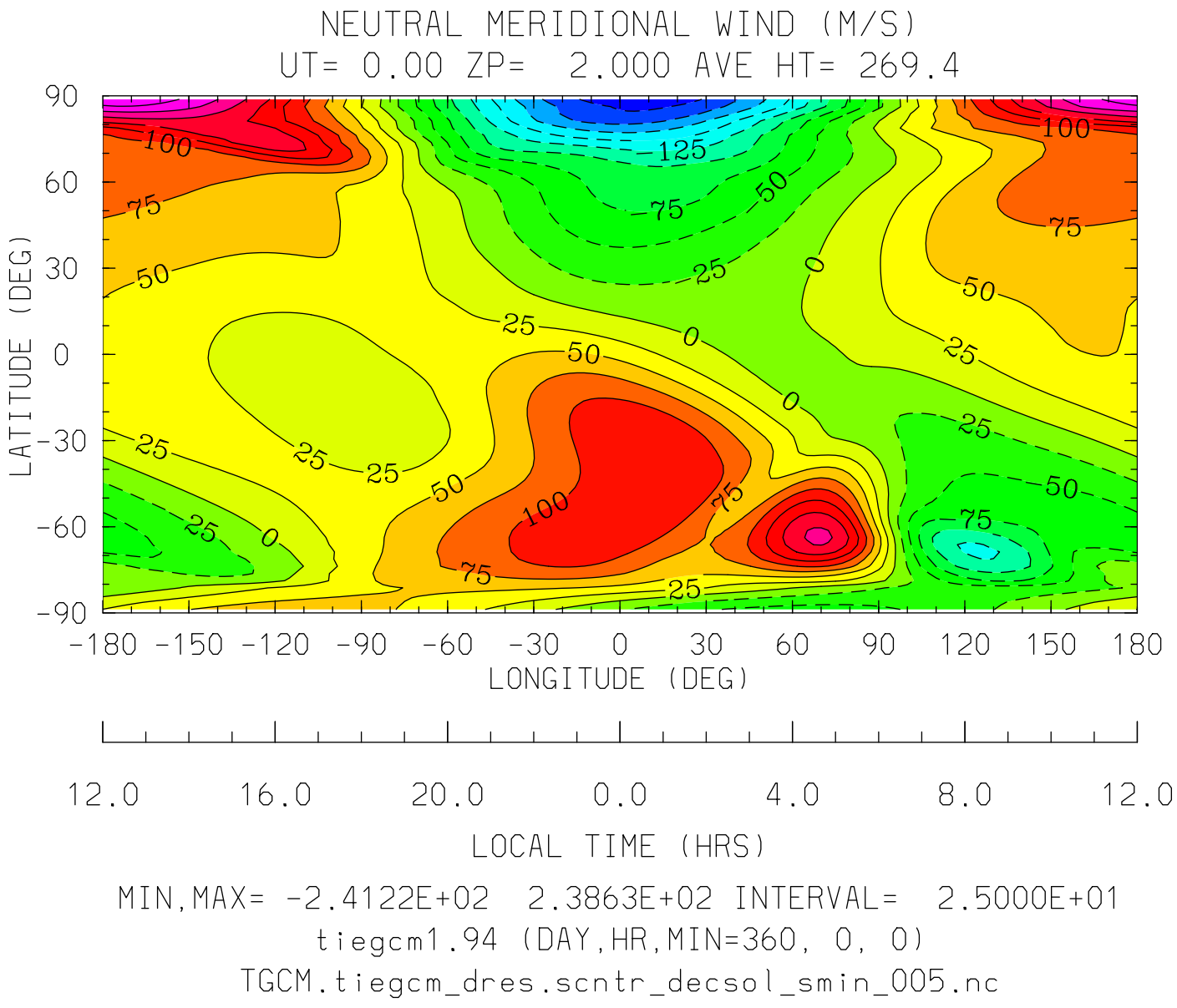
MIN,MAX= -1.8464E+02 1.8290E+02 INTERVAL= 2.5000E+01

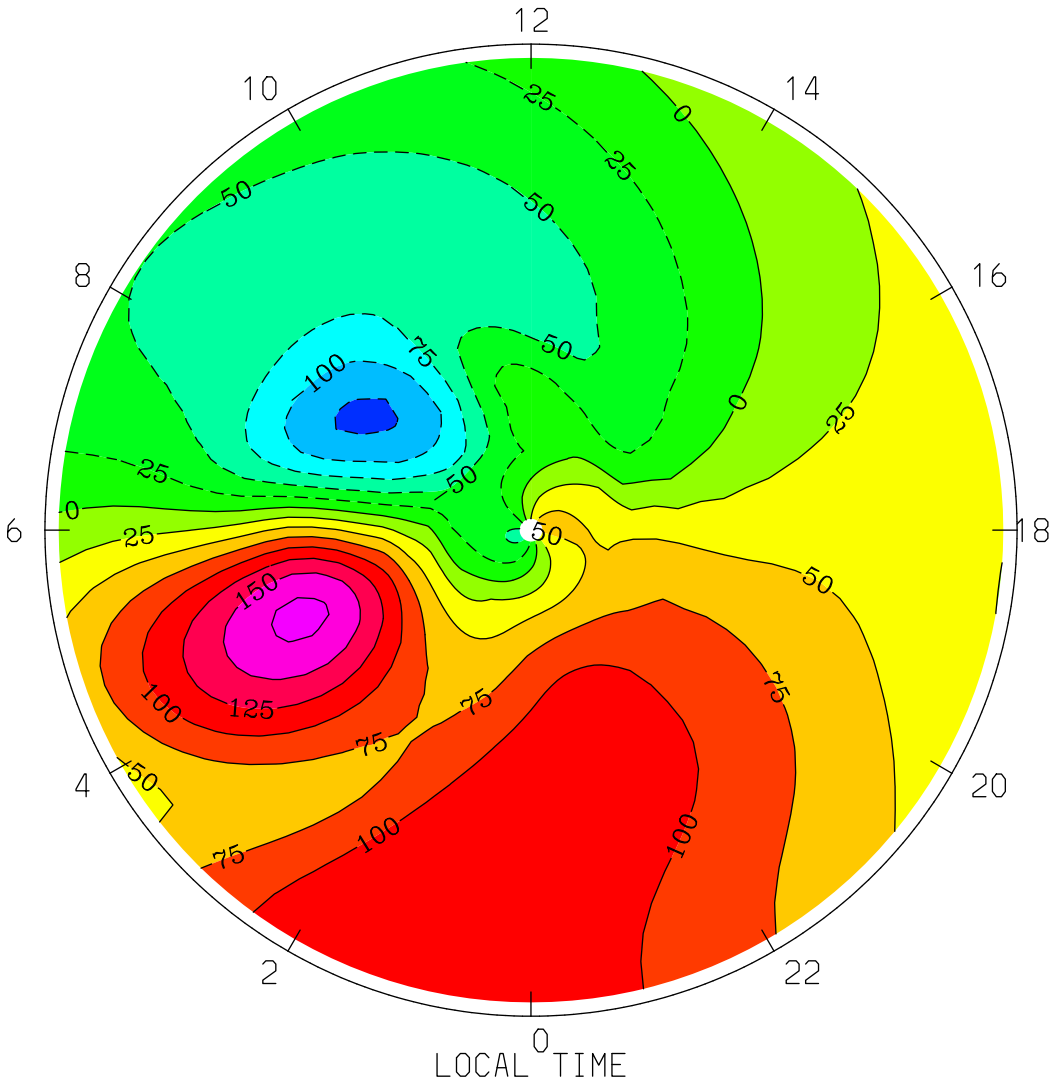
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

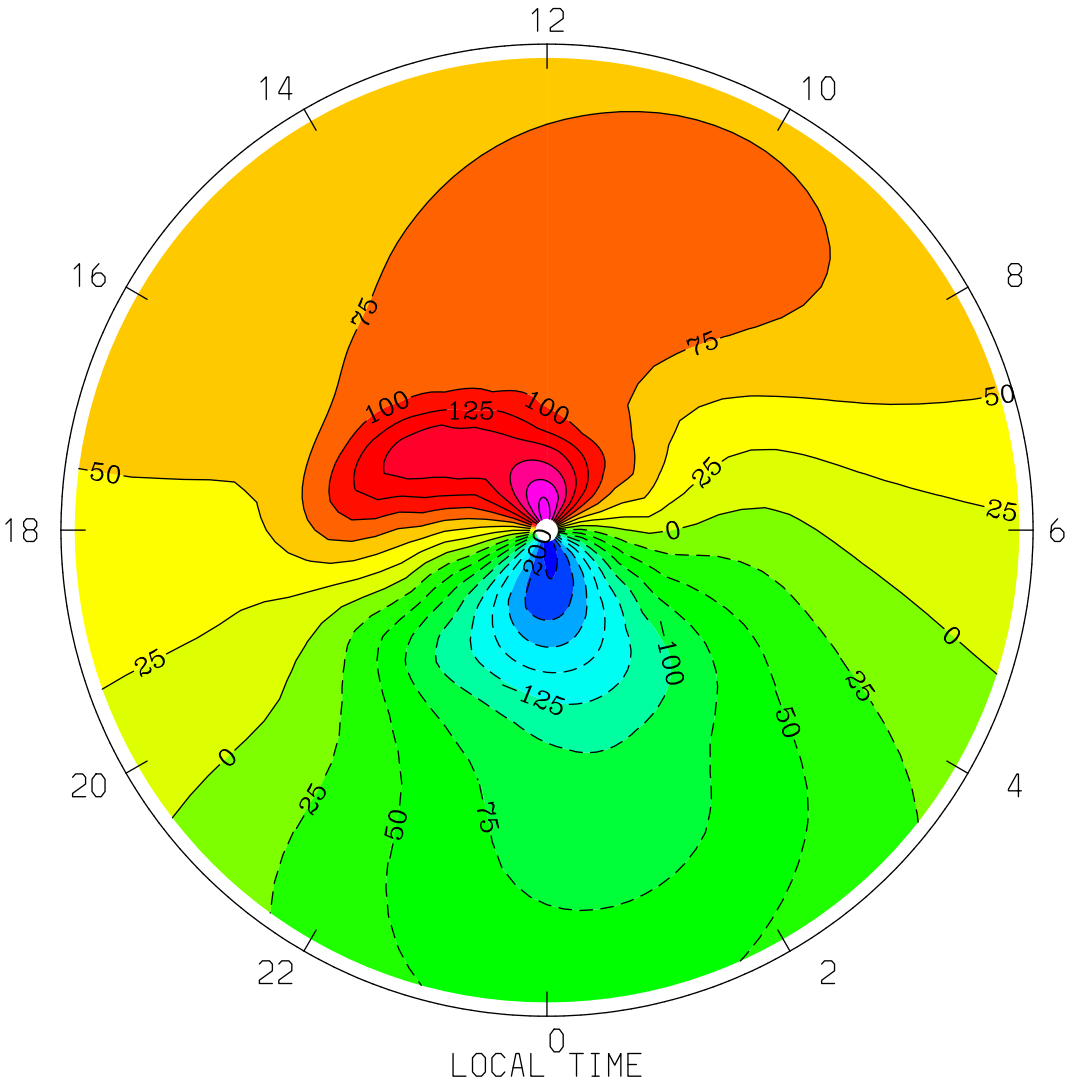
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

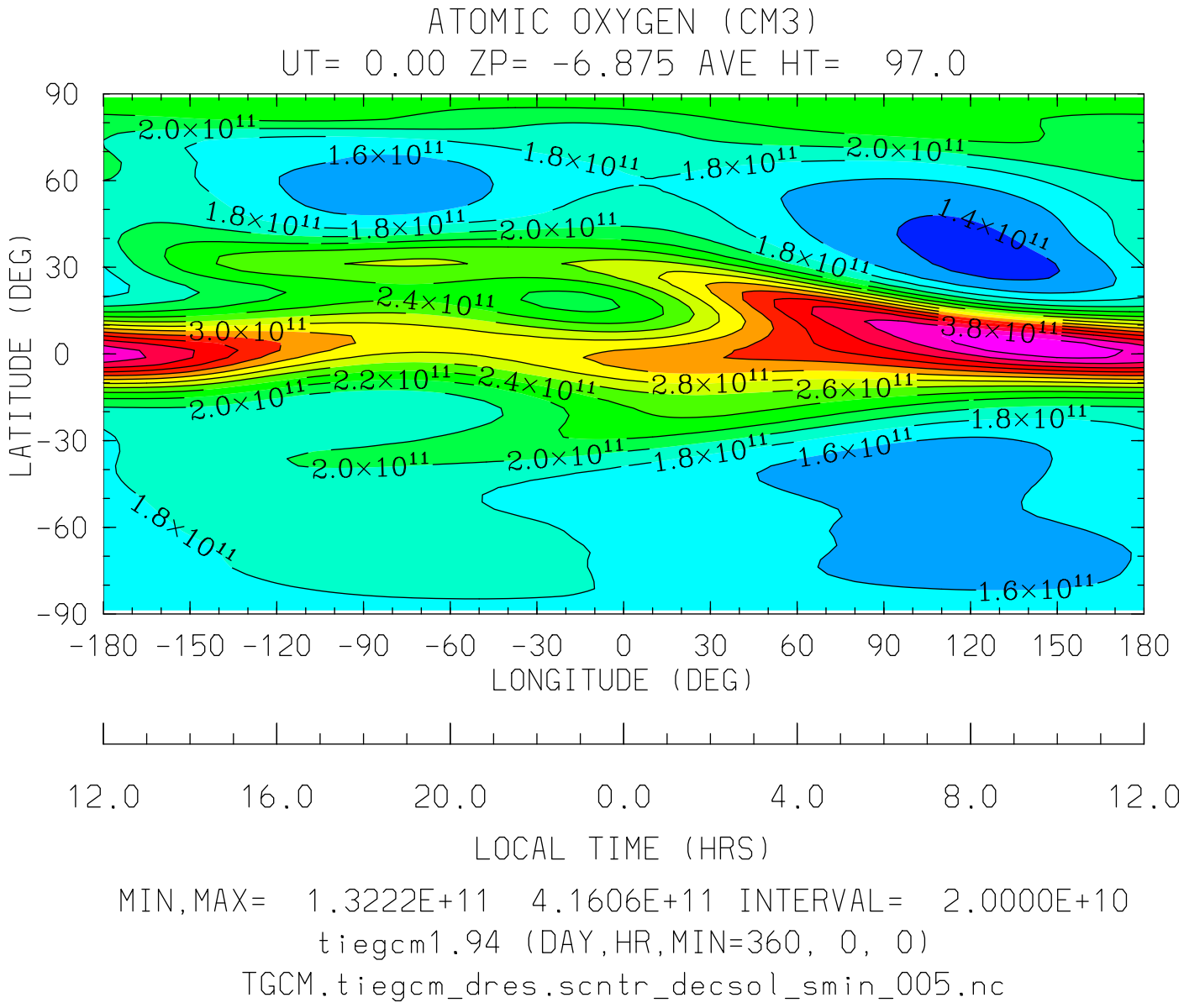

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -1.1964E+02 1.5262E+02 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -1.8464E+02 1.8290E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 269.4
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= -2.4122E+02 2.3863E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -1.3001E+02 1.8110E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

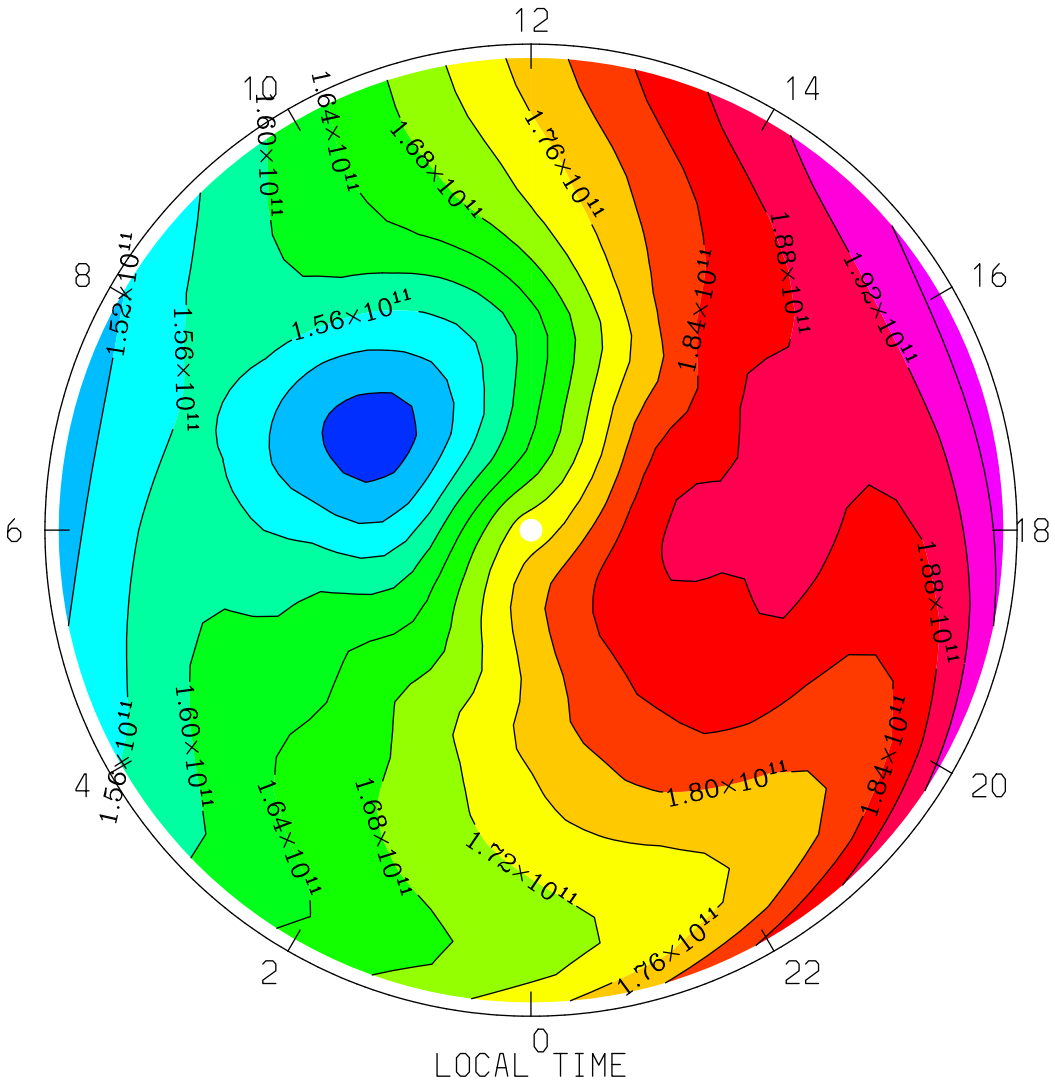

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -2.4122E+02 2.3863E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.3222E+11 4.1606E+11 INTERVAL= 2.0000E+10

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

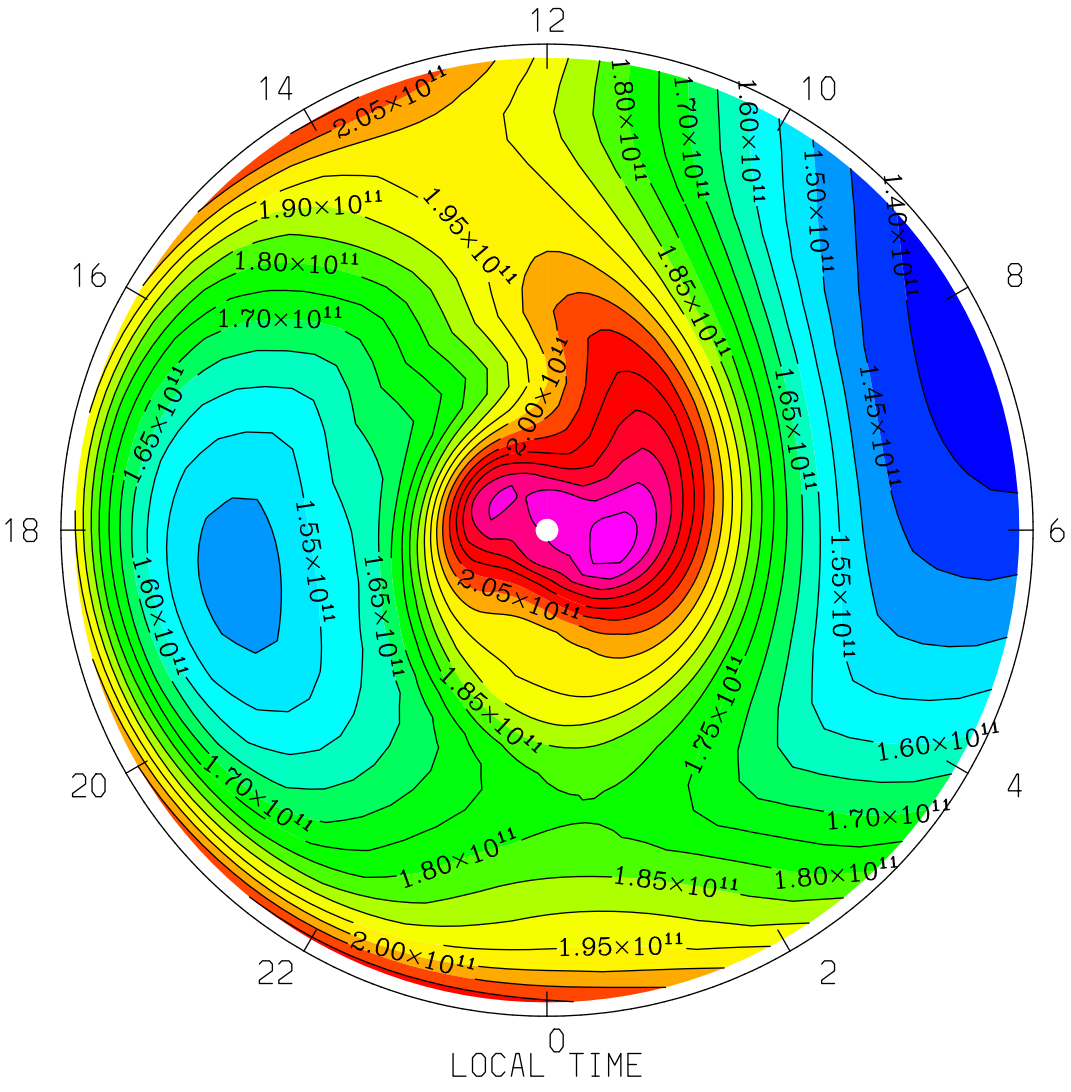
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.4623E+11 1.9813E+11 INTERVAL= 4.0000E+09

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

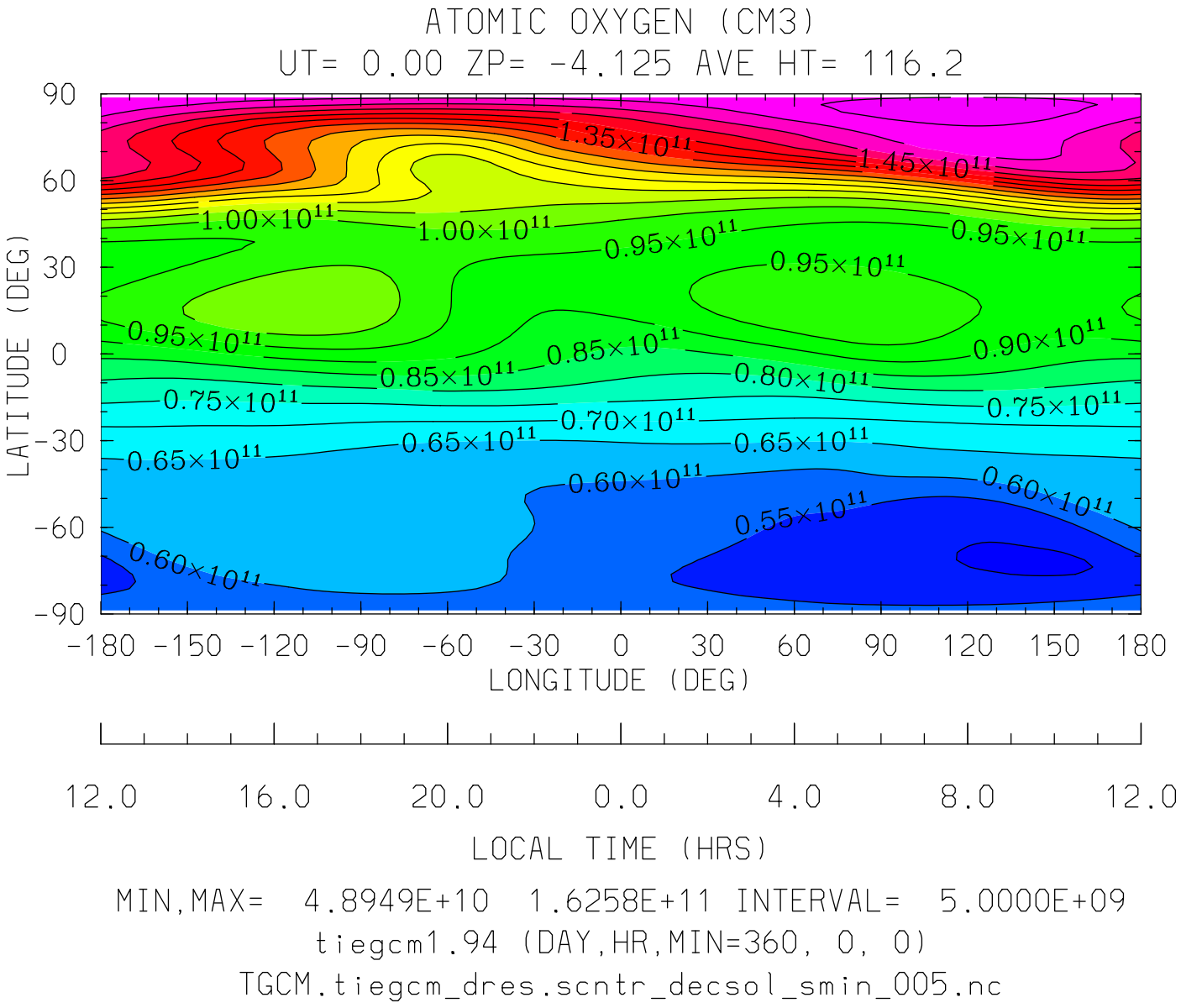
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.3552E+11 2.3805E+11 INTERVAL= 5.0000E+09

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

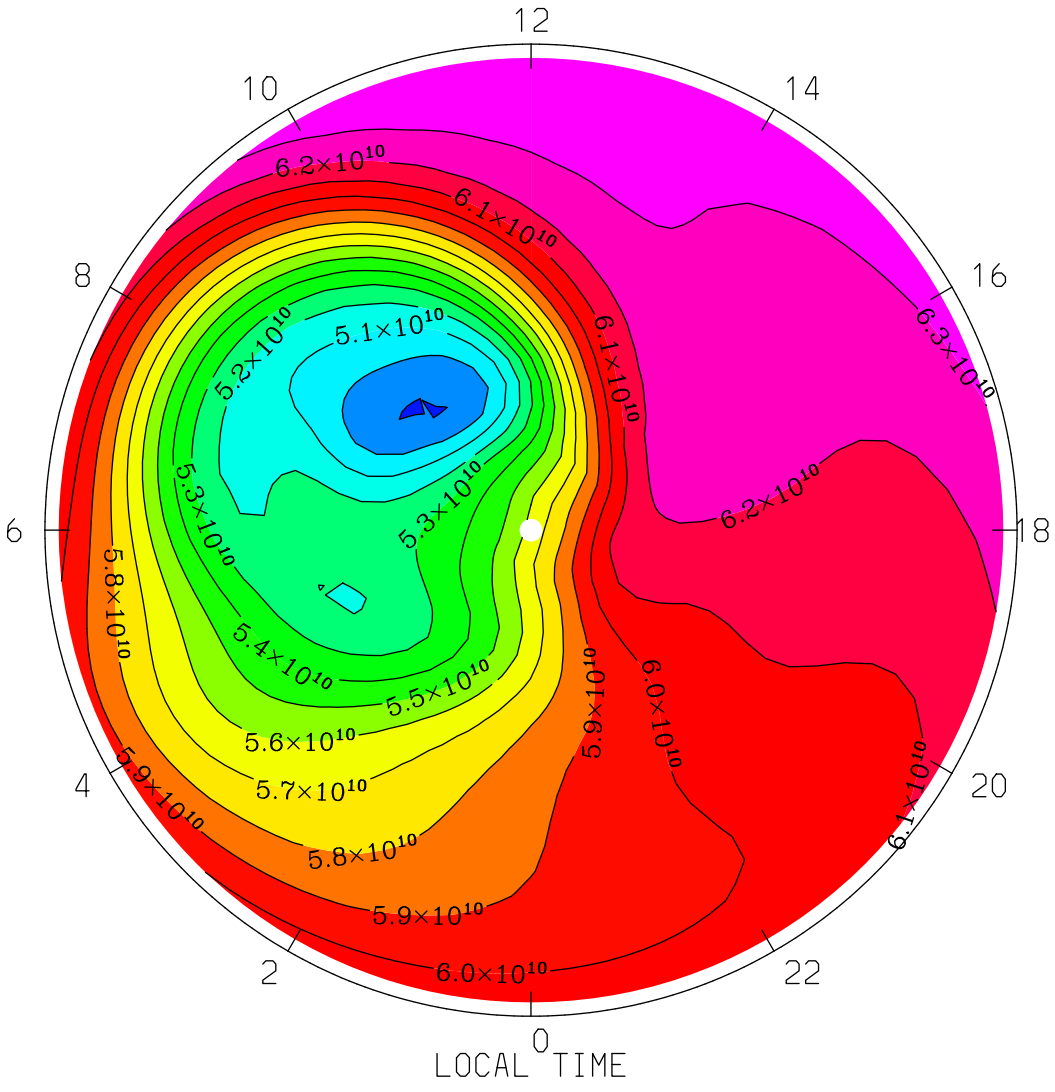
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

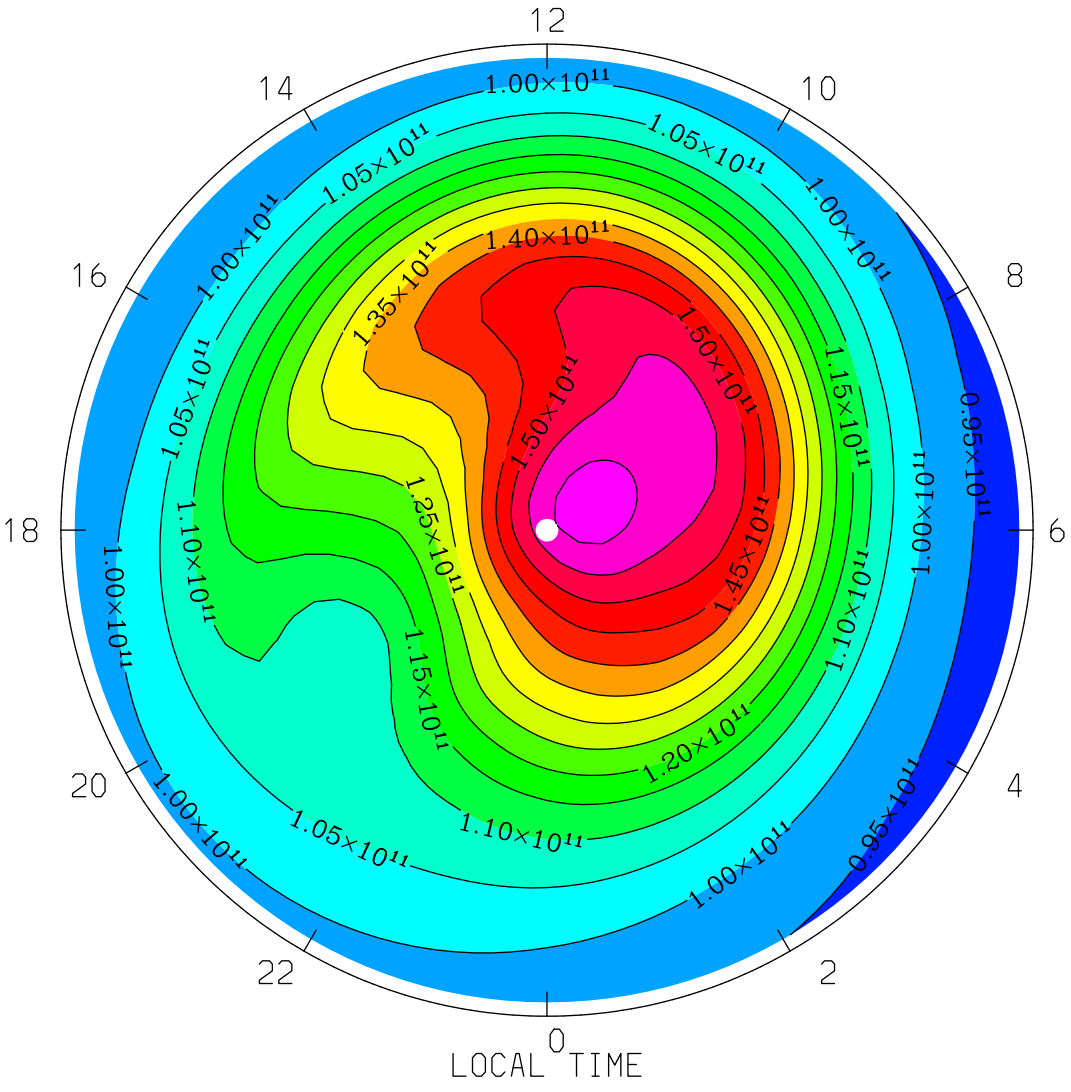


MIN,MAX= 4.8949E+10 1.6258E+11 INTERVAL= 5.0000E+09

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

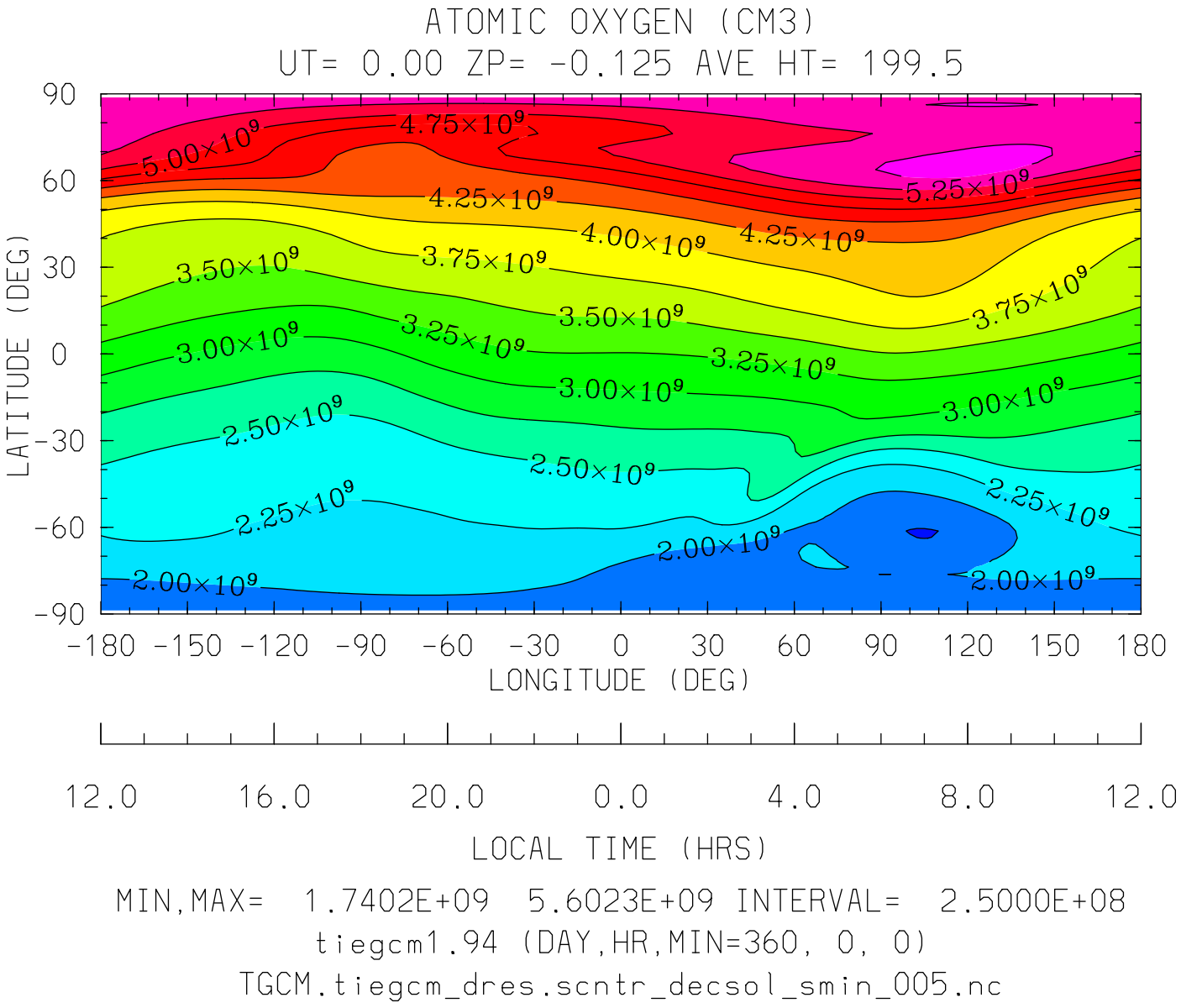

ATOMIC OXYGEN (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 116.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
6.2×10¹⁰
6.1×10¹⁰
6.3×10¹⁰
5.1×10¹⁰
5.2×10¹⁰
5.3×10¹⁰
5.4×10¹⁰
5.5×10¹⁰
5.6×10¹⁰
5.7×10¹⁰
5.8×10¹⁰
5.9×10¹⁰
6.0×10¹⁰
MIN,MAX= 4.8949E+10 6.3931E+10 INTERVAL= 1.0000E+09
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 9.3241E+10 1.6258E+11 INTERVAL= 5.0000E+09

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

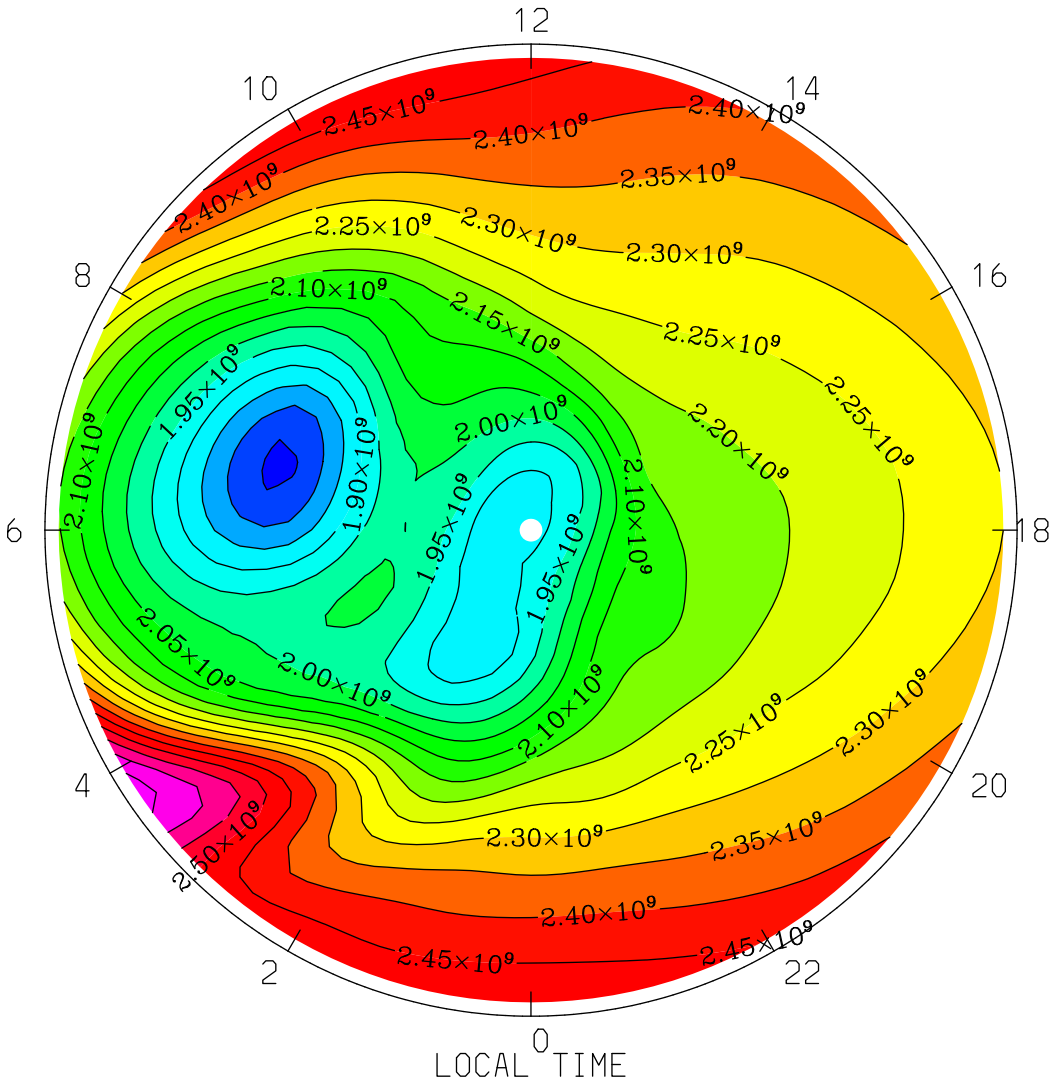
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

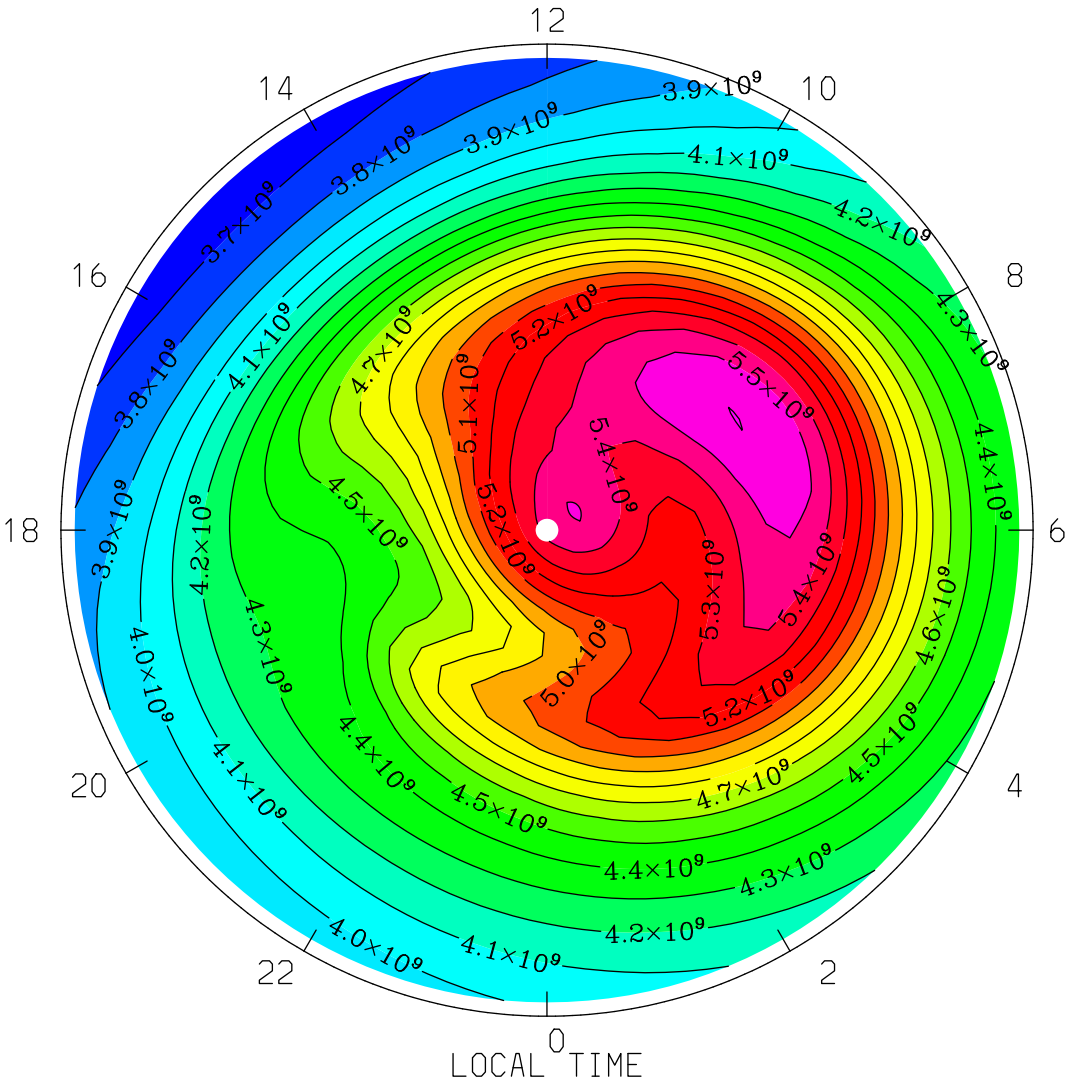


MIN,MAX= 1.7402E+09 5.6023E+09 INTERVAL= 2.5000E+08

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

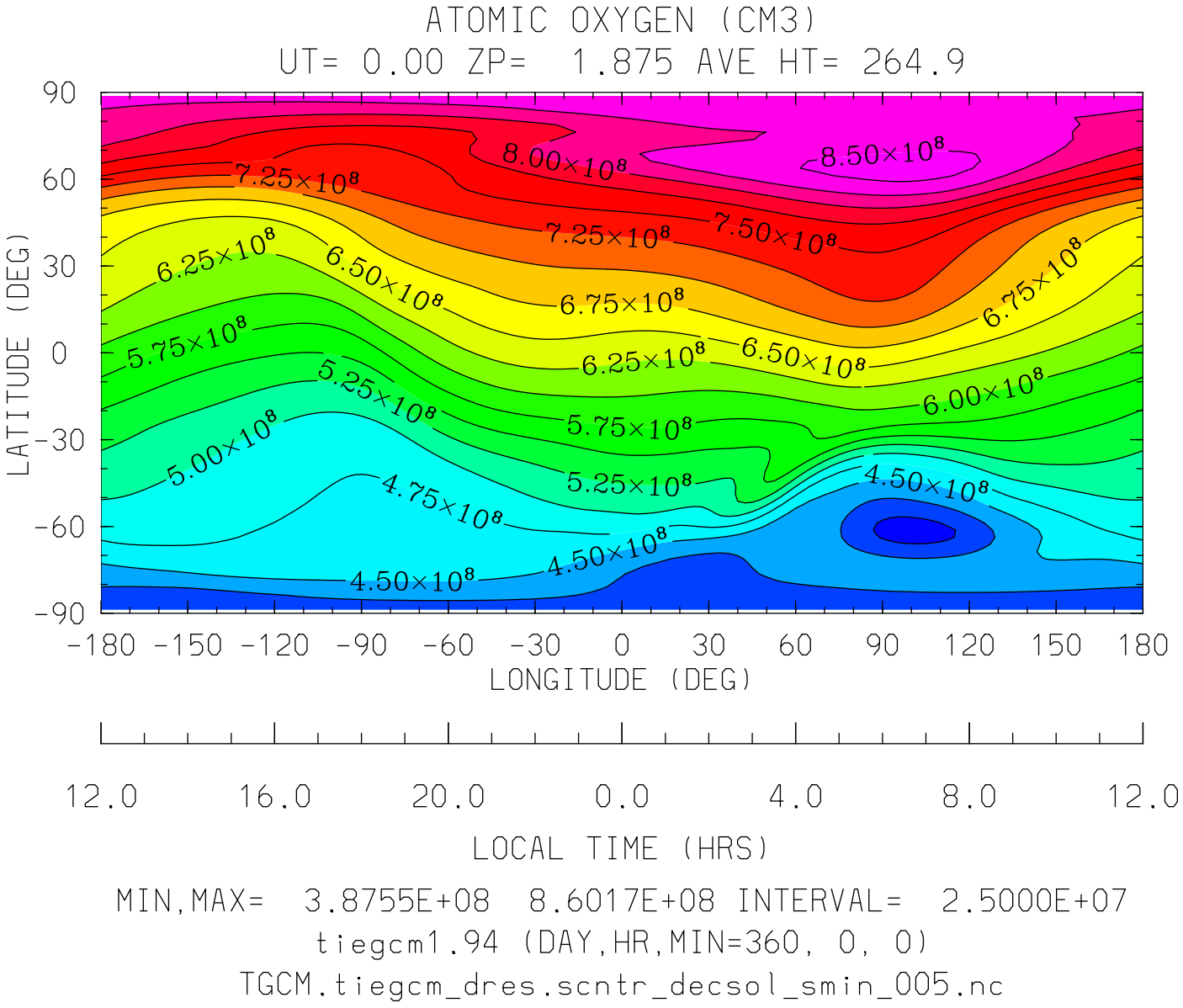

ATOMIC OXYGEN (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 199.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
2.45×10⁹
2.40×10⁹
2.35×10⁹
2.30×10⁹
2.25×10⁹
2.20×10⁹
2.15×10⁹
2.10×10⁹
2.05×10⁹
2.00×10⁹
1.95×10⁹
1.90×10⁹
2.50×10⁹
MIN,MAX= 1.7402E+09 2.6691E+09 INTERVAL= 5.0000E+07
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 3.6264E+09 5.6023E+09 INTERVAL= 1.0000E+08

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

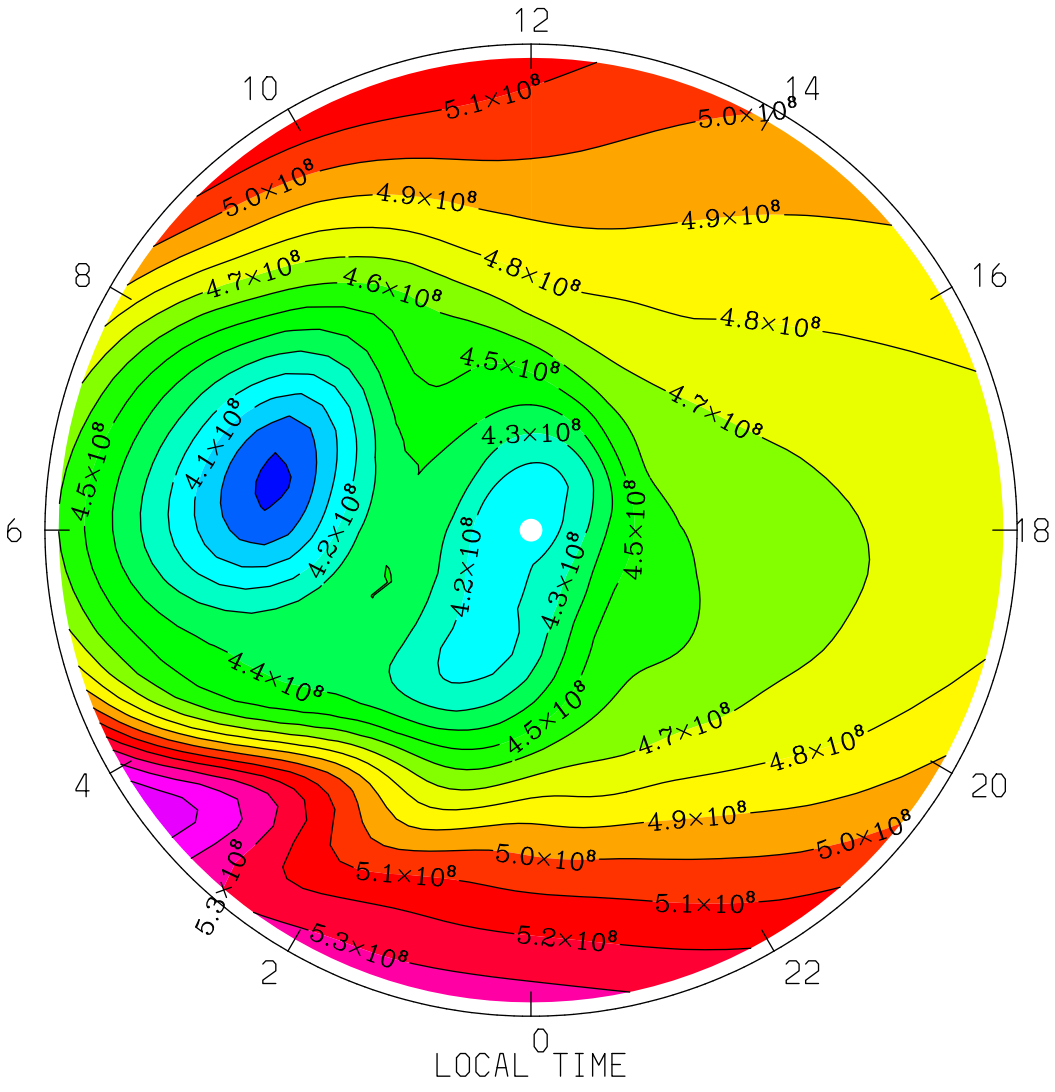
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 3.8755E+08 8.6017E+08 INTERVAL= 2.5000E+07

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

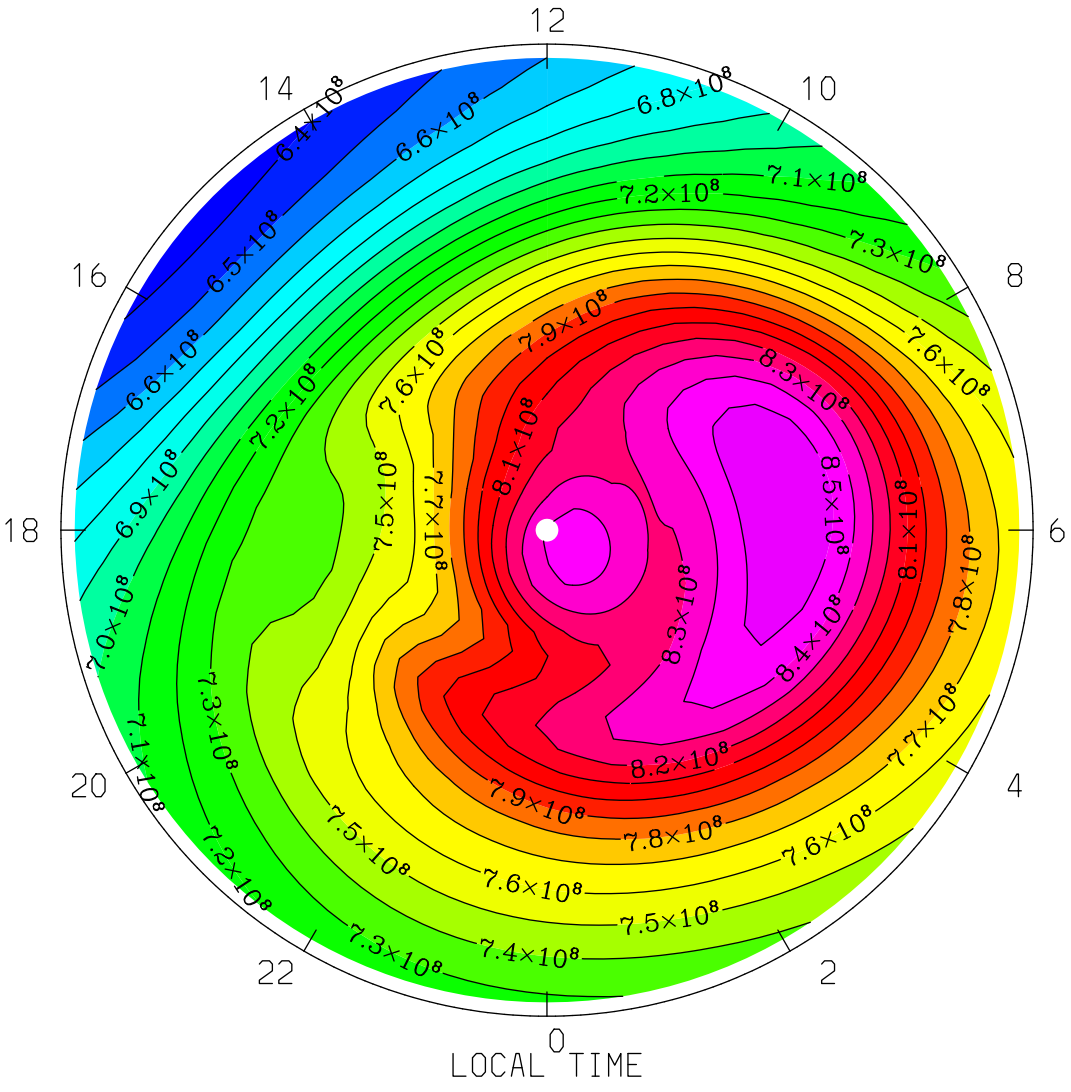
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 3.8755E+08 5.5675E+08 INTERVAL= 1.0000E+07

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

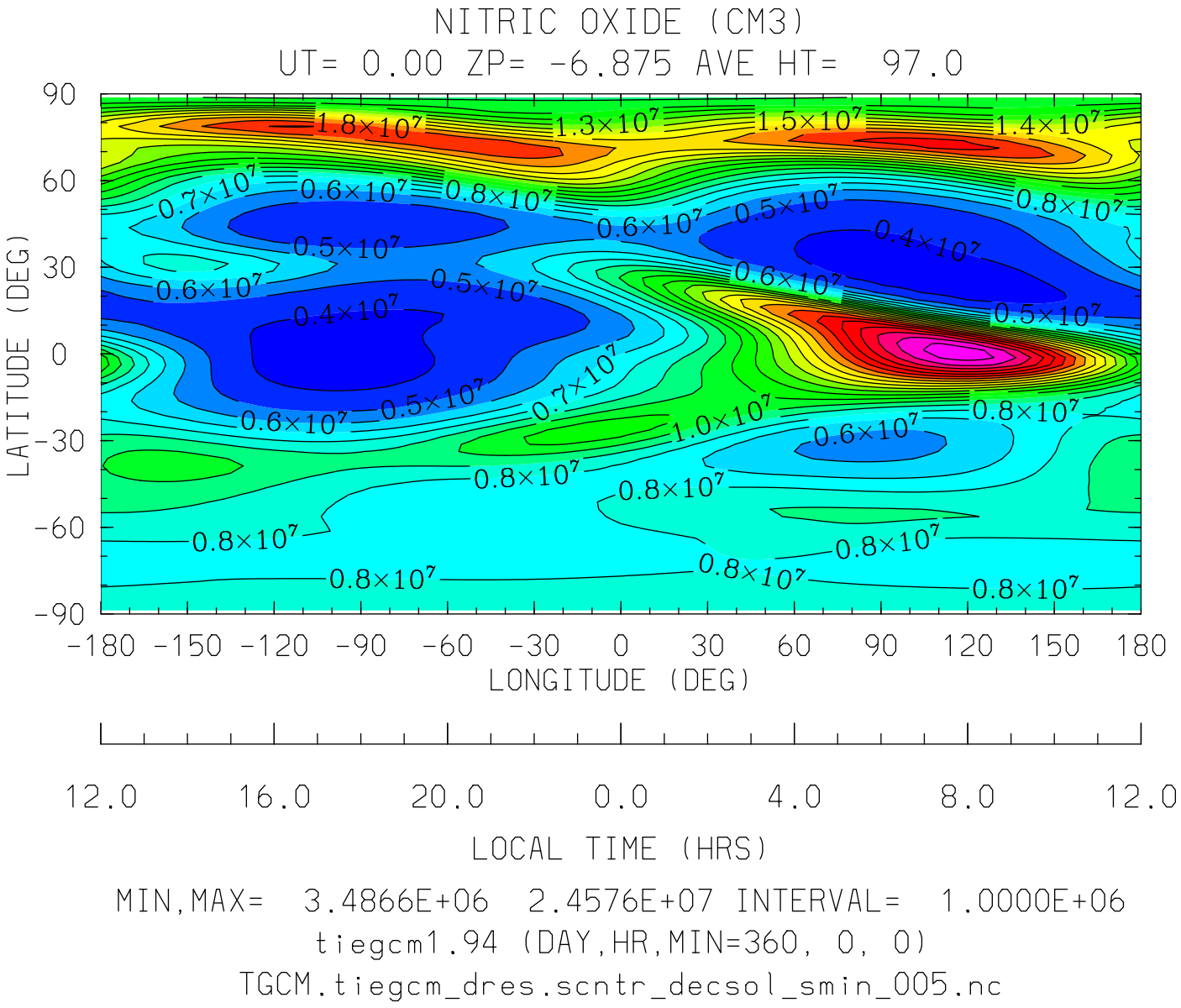
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

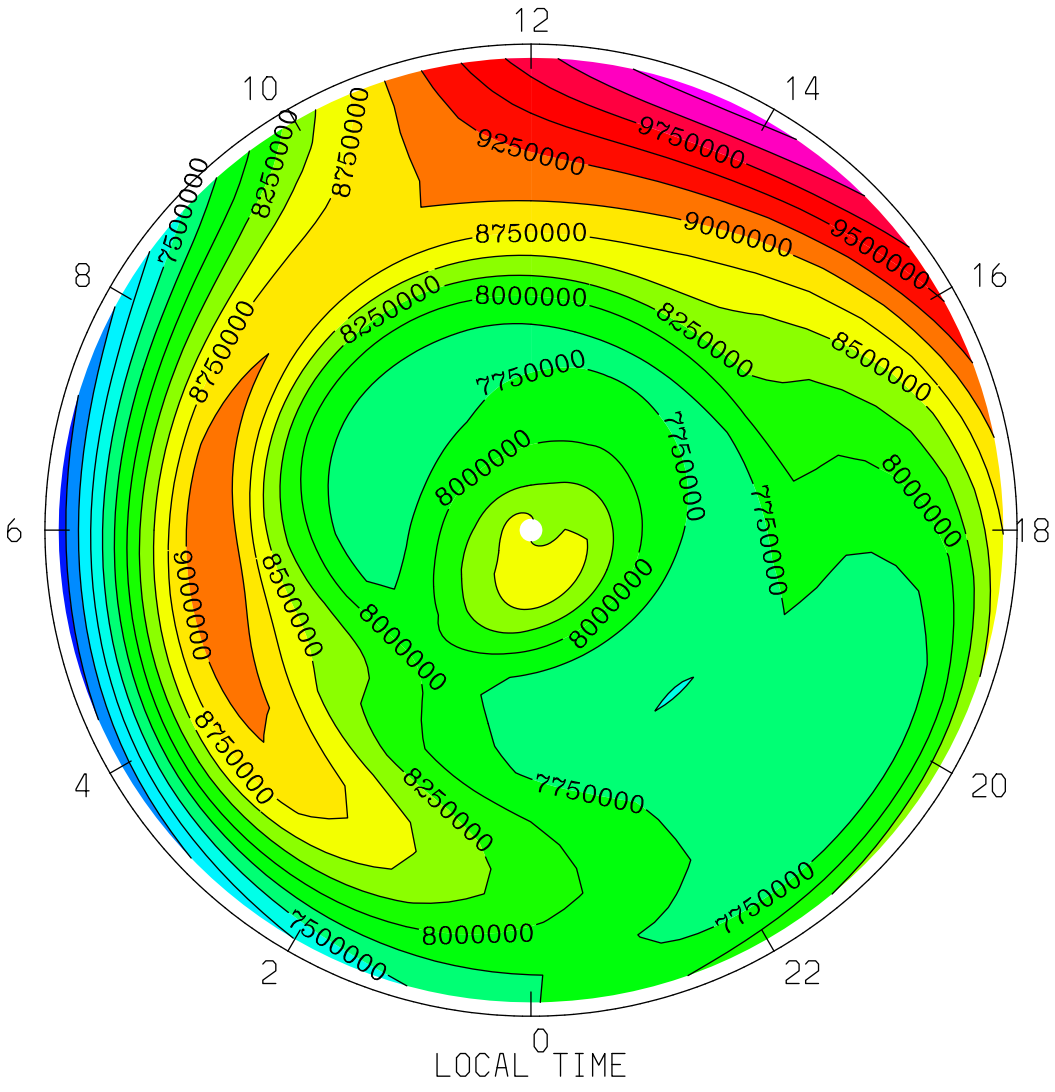


MIN,MAX= 6.3509E+08 8.6017E+08 INTERVAL= 1.0000E+07

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

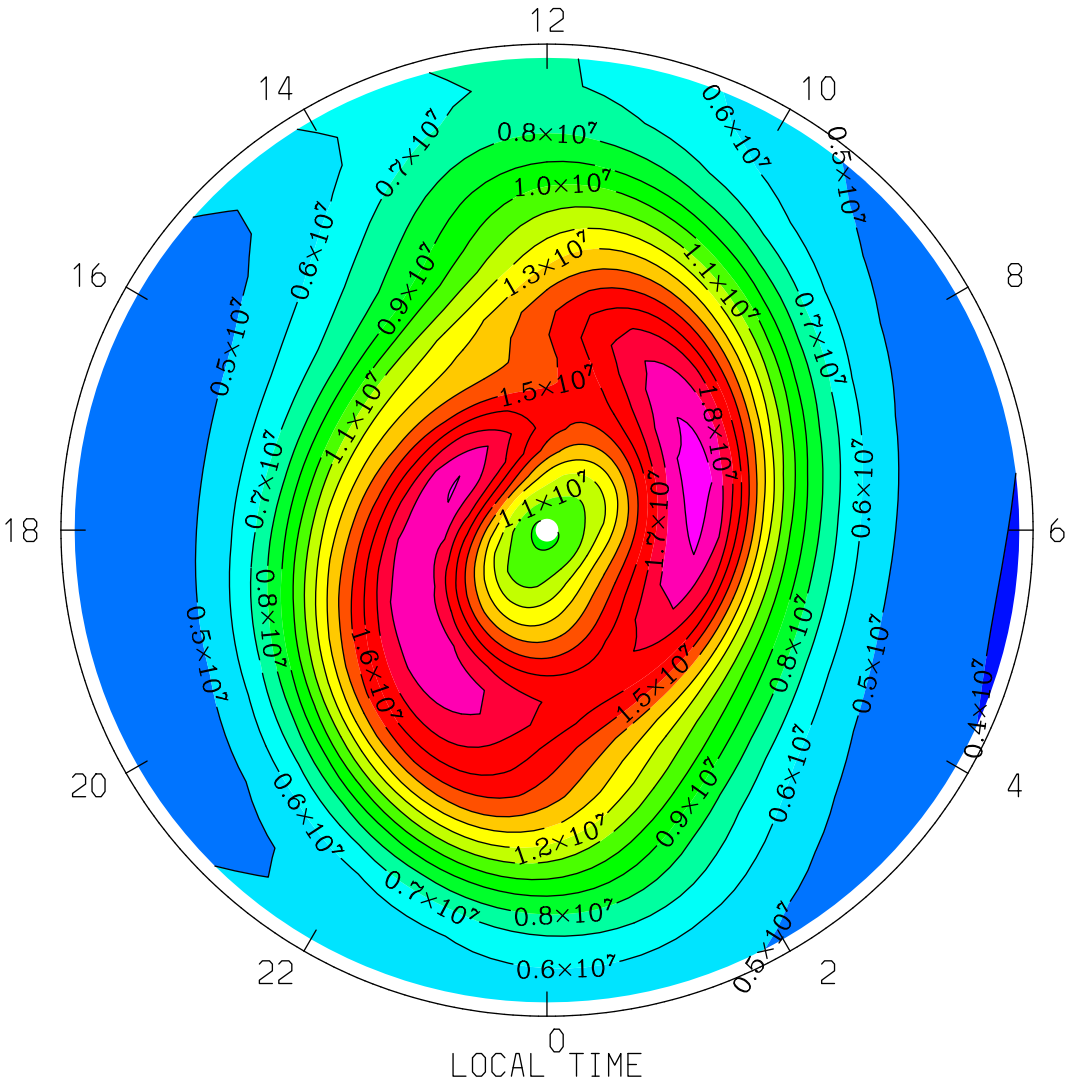

NITRIC OXIDE (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.4866E+06 2.4576E+07 INTERVAL= 1.0000E+06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 6.6068E+06 1.0350E+07 INTERVAL= 2.5000E+05

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

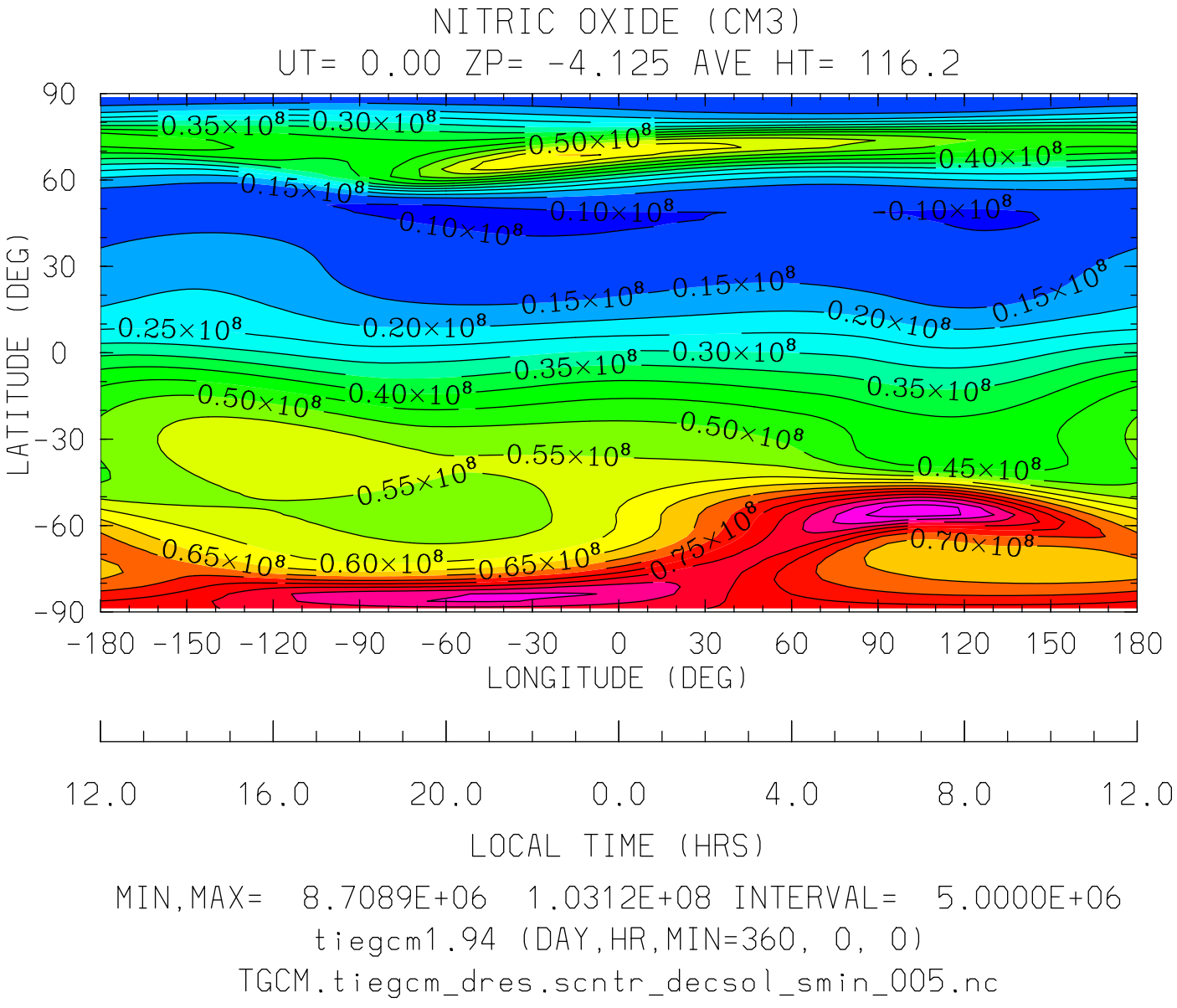
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

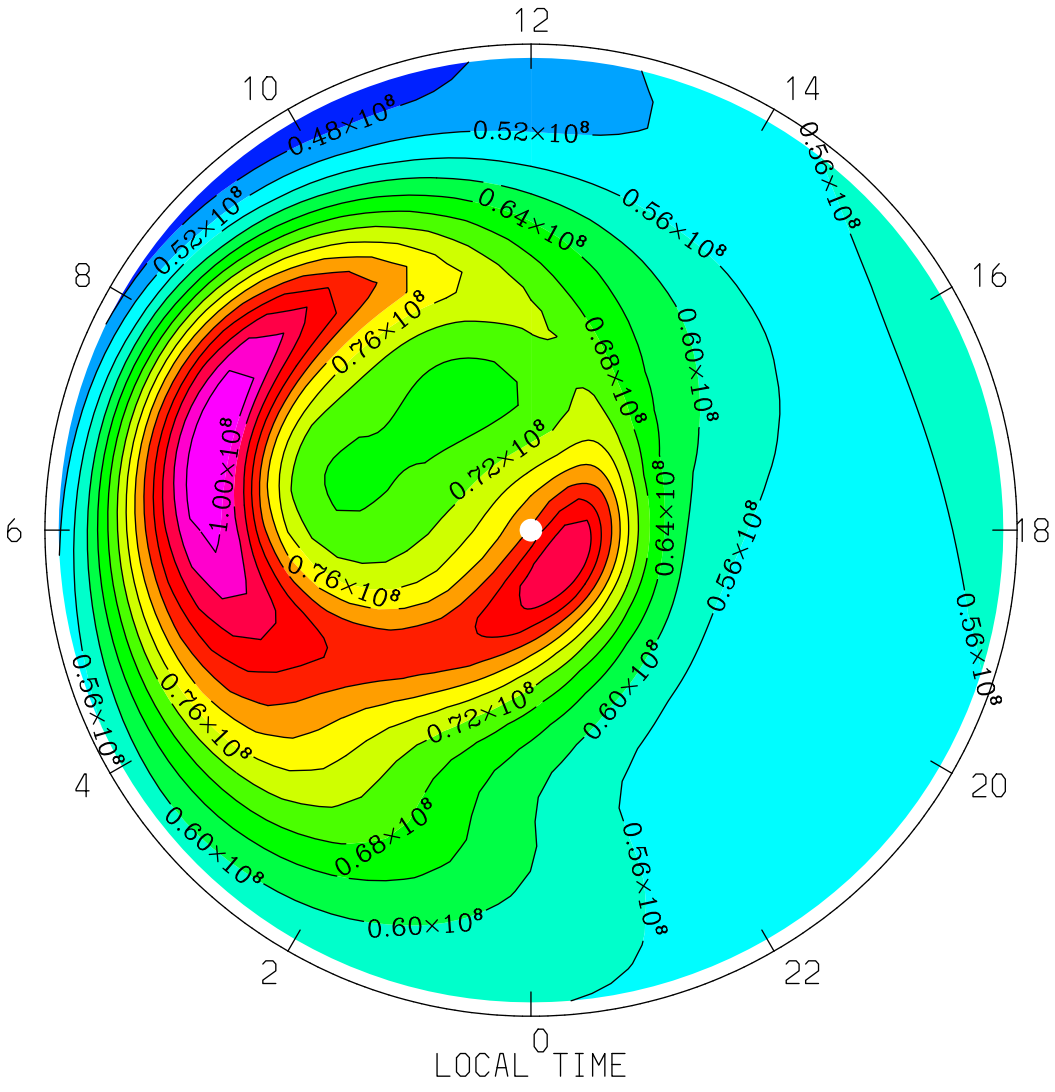


MIN,MAX= 3.9437E+06 1.9450E+07 INTERVAL= 1.0000E+06

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

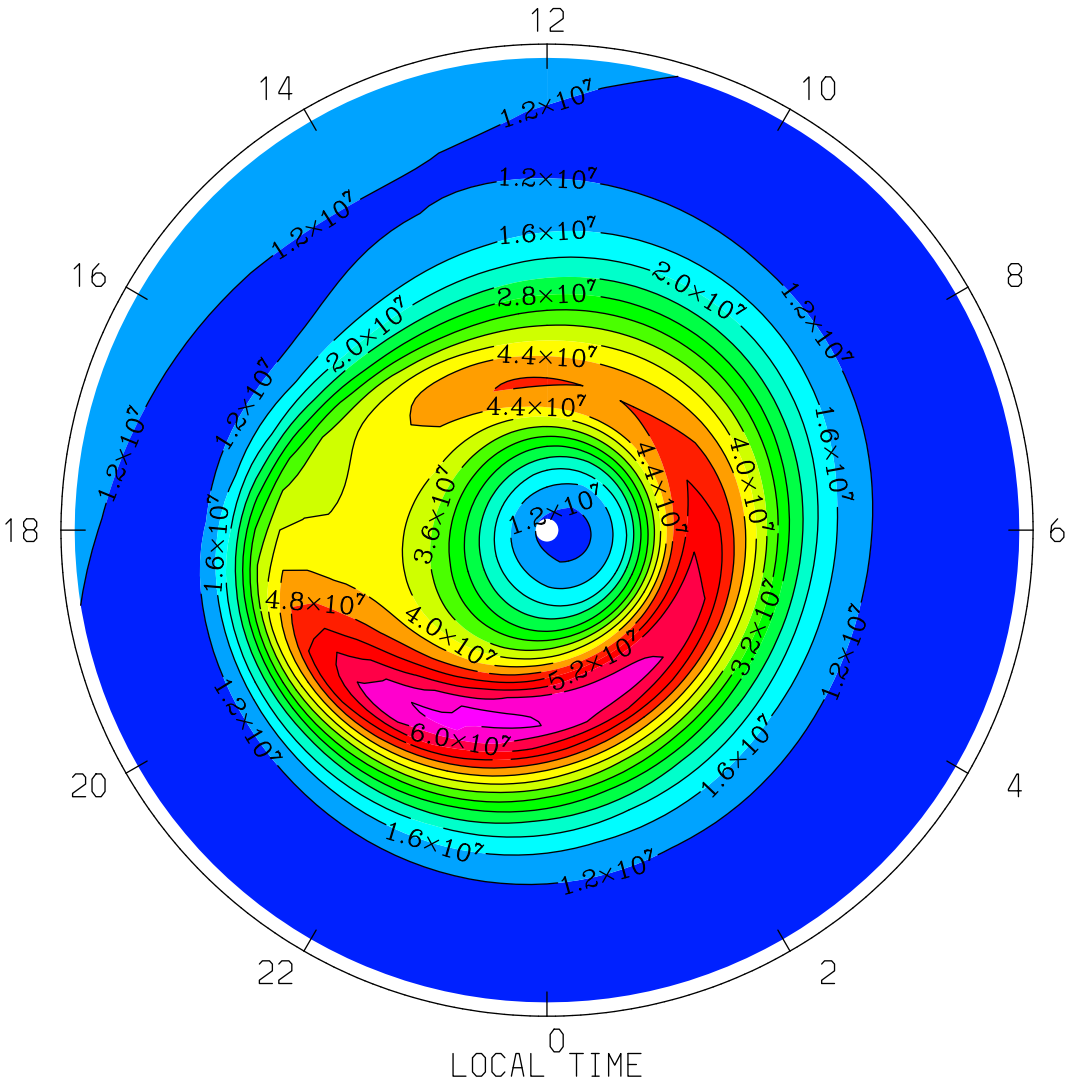

NITRIC OXIDE (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 116.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
0.35×10⁸
0.30×10⁸
0.50×10⁸
0.40×10⁸
0.15×10⁸
0.10×10⁸
0.10×10⁸
-0.10×10⁸
0.15×10⁸
0.15×10⁸
0.20×10⁸
0.15×10⁸
0.25×10⁸
0.20×10⁸
0.35×10⁸
0.30×10⁸
0.35×10⁸
0.50×10⁸
0.40×10⁸
0.50×10⁸
0.55×10⁸
0.45×10⁸
0.55×10⁸
0.65×10⁸
0.60×10⁸
0.65×10⁸
0.75×10⁸
0.70×10⁸
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 8.7089E+06 1.0312E+08 INTERVAL= 5.0000E+06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 4.5315E+07 1.0312E+08 INTERVAL= 4.0000E+06

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

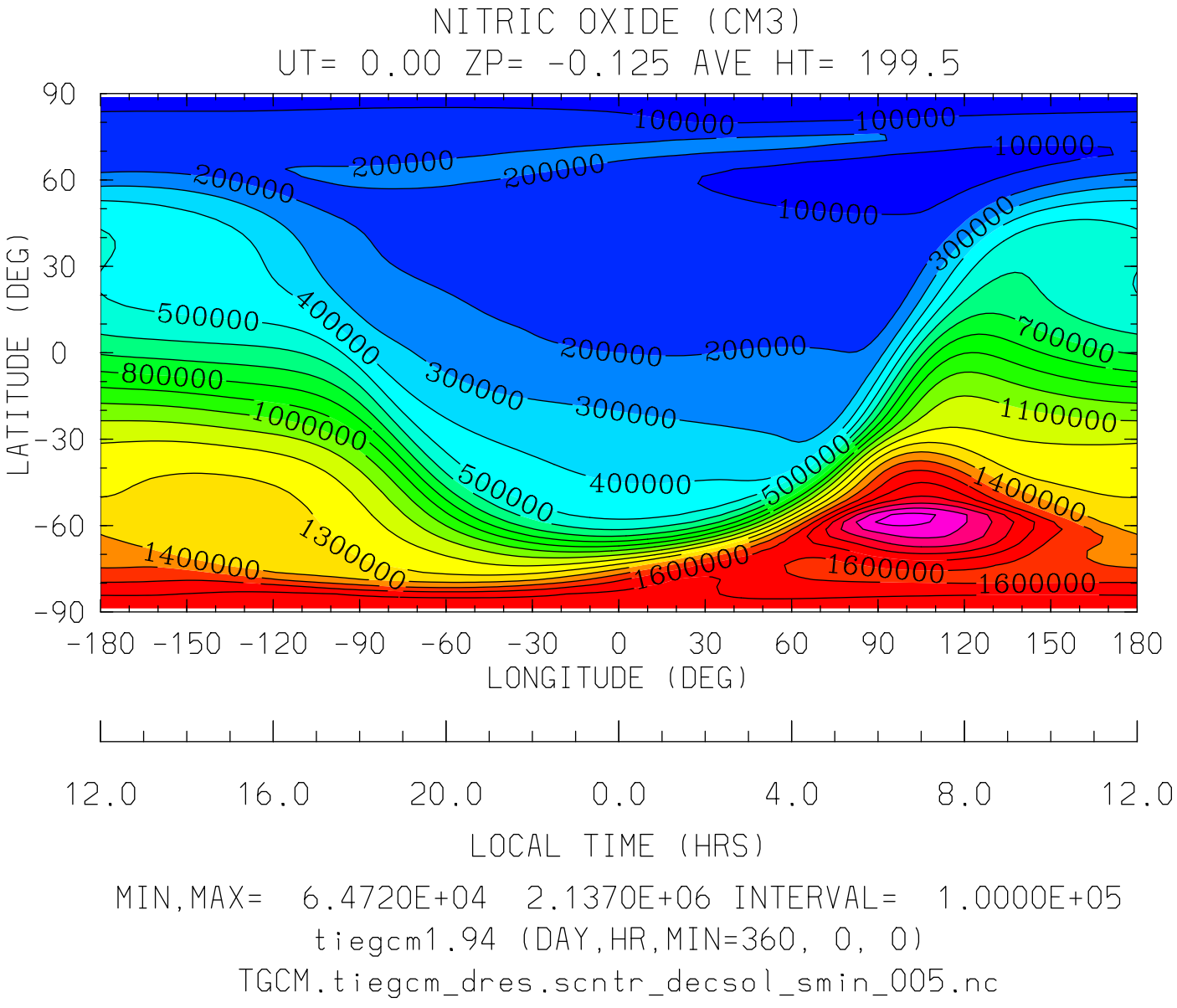
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 8.7089E+06 6.5876E+07 INTERVAL= 4.0000E+06

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

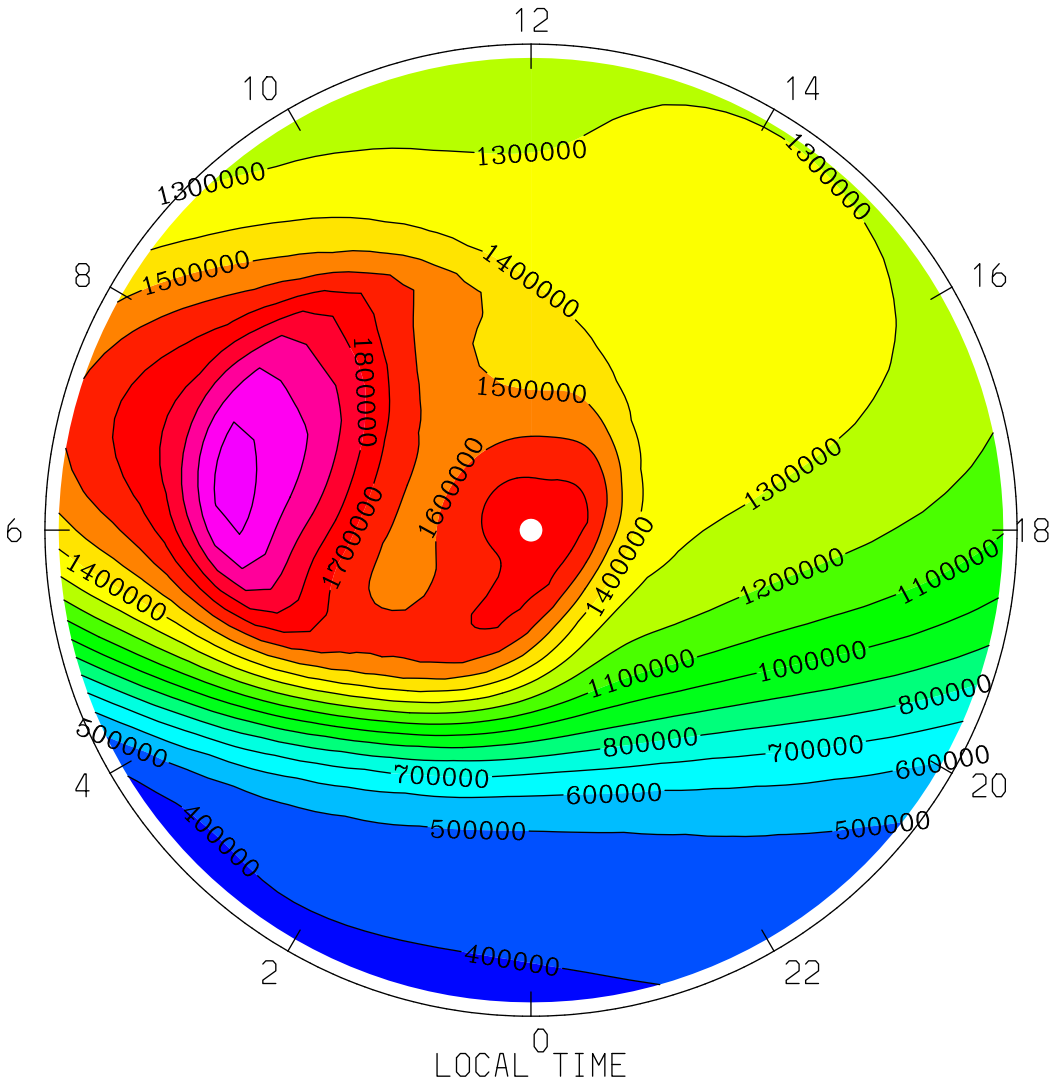
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

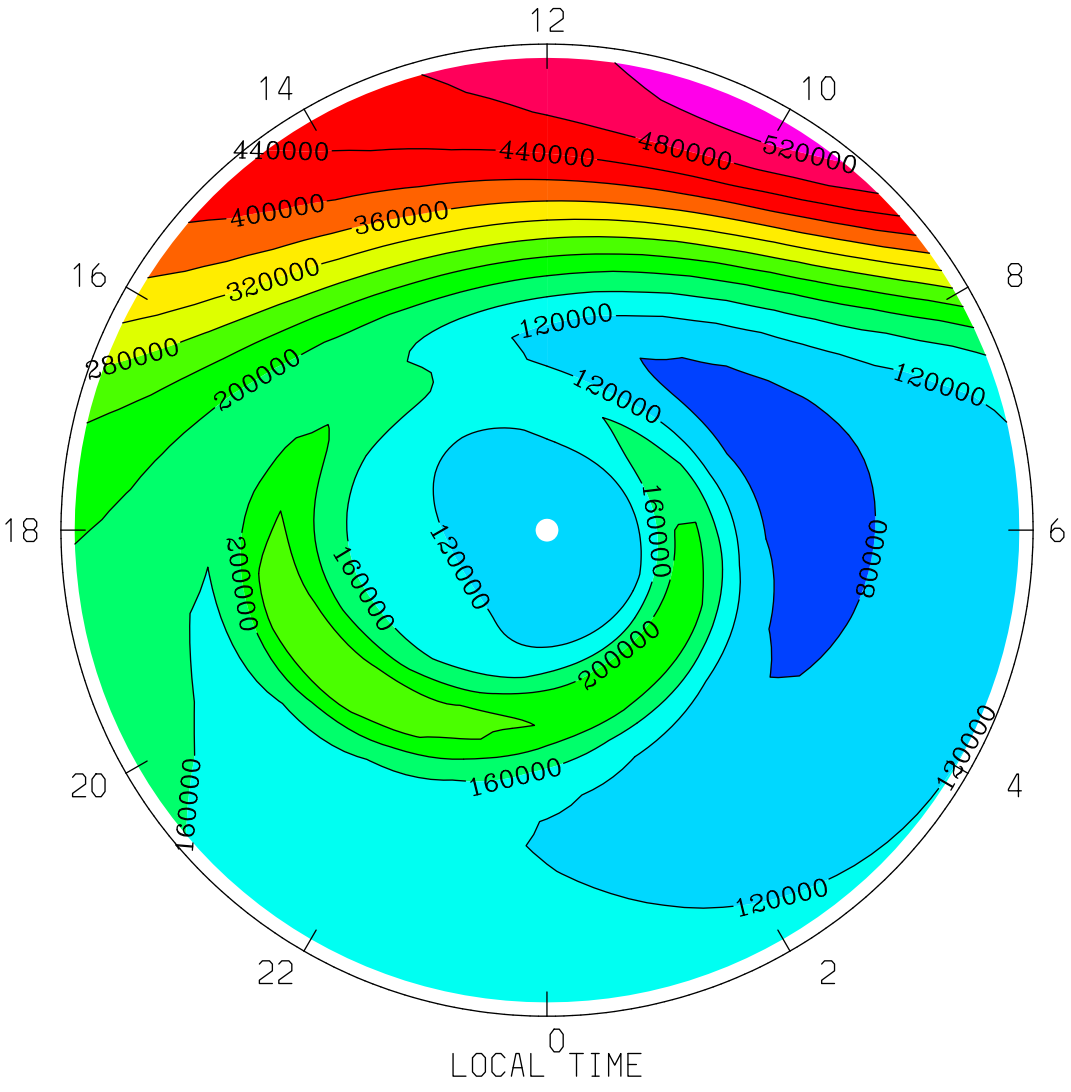


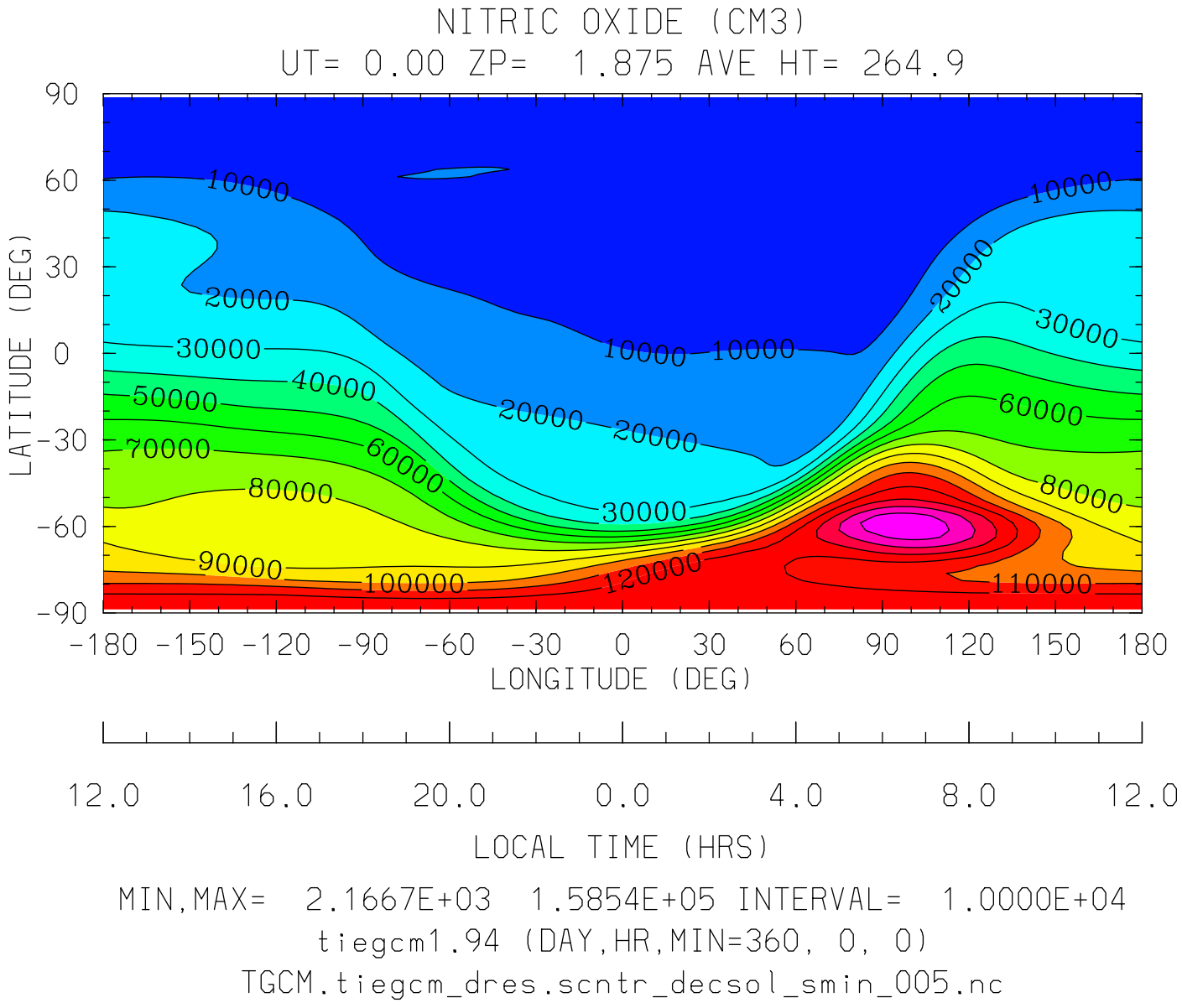
MIN,MAX= 6.4720E+04 2.1370E+06 INTERVAL= 1.0000E+05

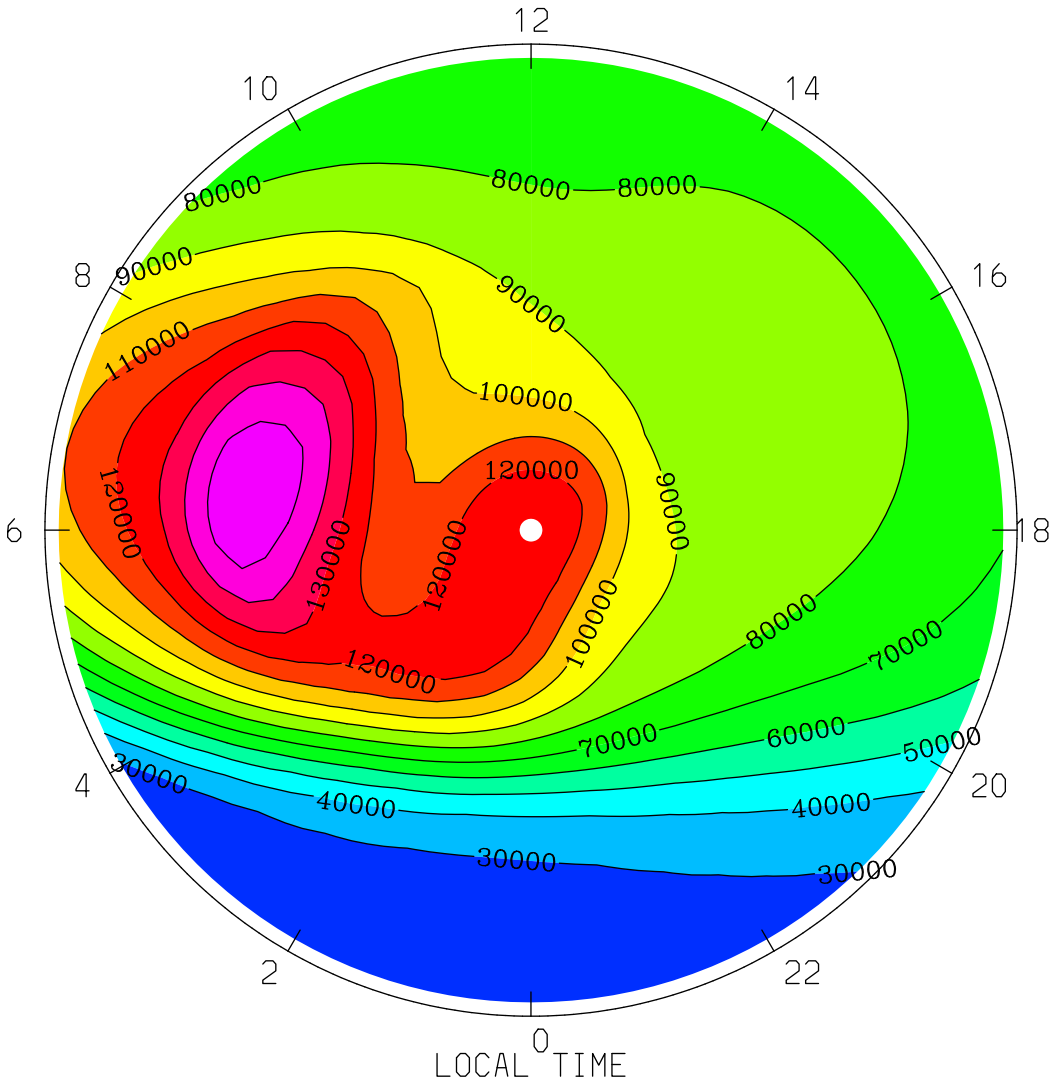
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

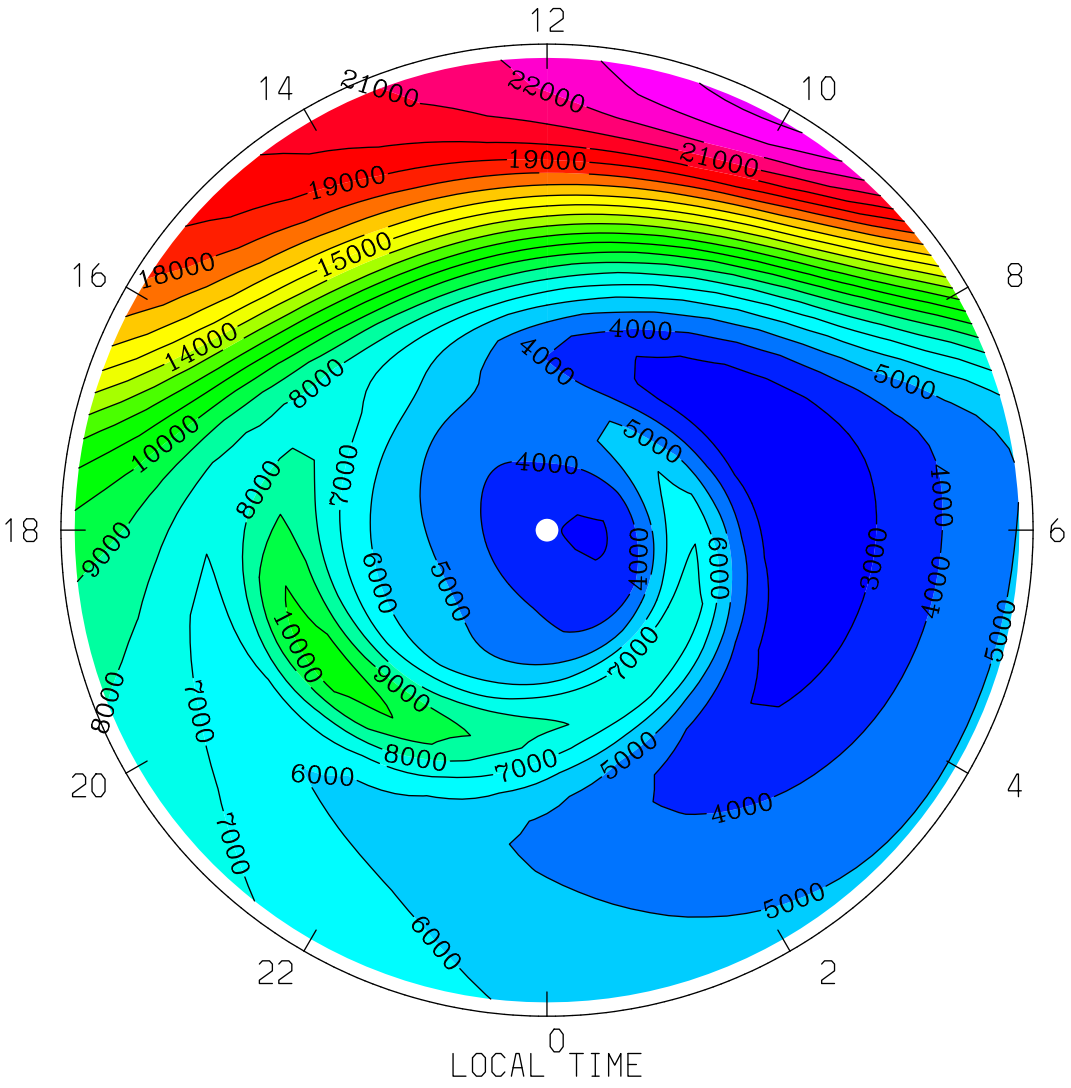
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

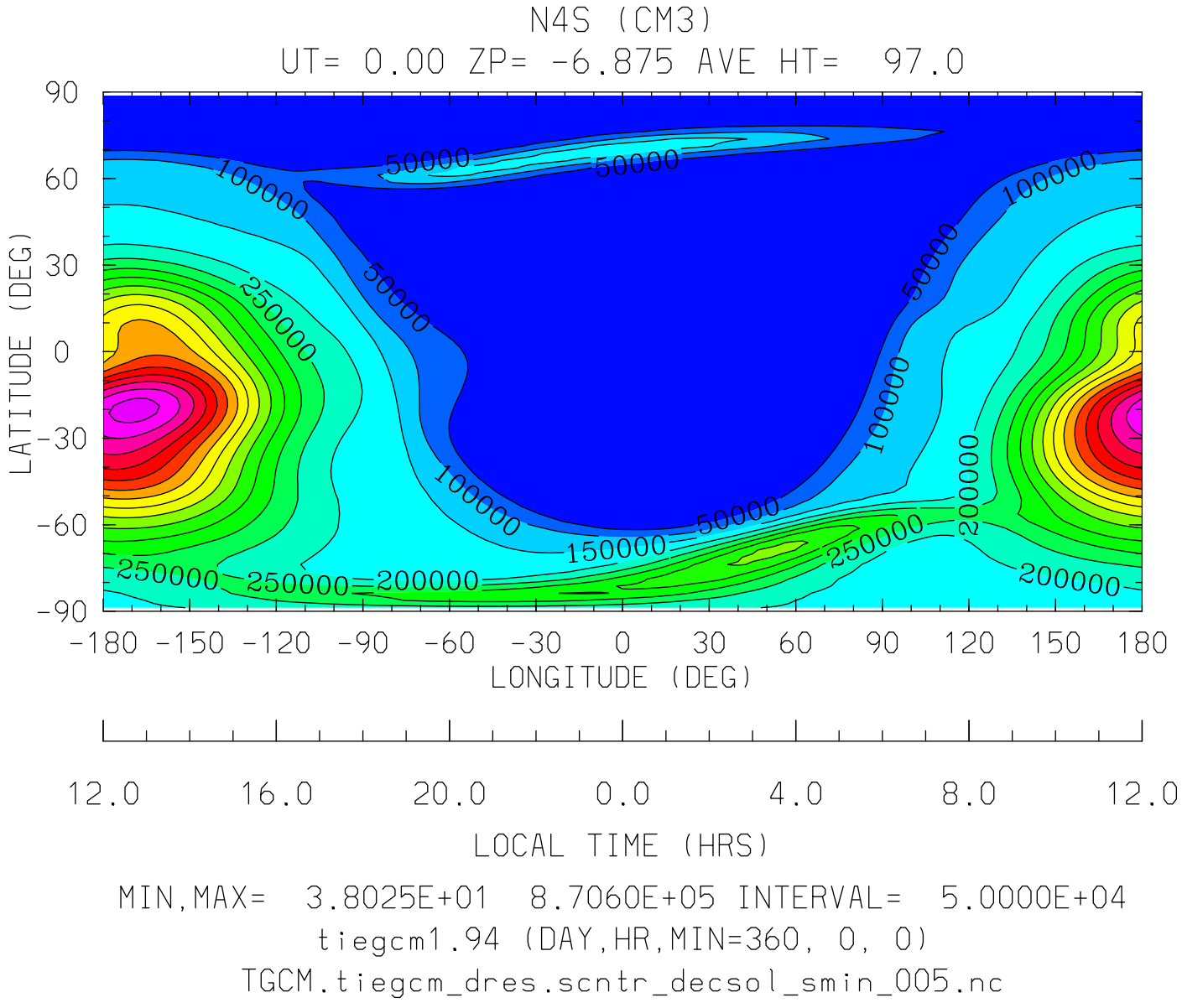

NITRIC OXIDE (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 199.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
1300000
1500000
1400000
1800000
1600000
1700000
1200000
1100000
1000000
800000
700000
600000
500000
400000
LOCAL TIME
MIN,MAX= 3.6995E+05 2.1370E+06 INTERVAL= 1.0000E+05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


NITRIC OXIDE (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 199.5 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
440000
440000
480000
520000
400000
360000
320000
280000
200000
120000
120000
120000
160000
80000
200000
160000
120000
200000
160000
160000
120000
LOCAL TIME
MIN,MAX= 6.4720E+04 5.4559E+05 INTERVAL= 4.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


NITRIC OXIDE (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 264.9
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
10000
20000
30000
40000
50000
60000
70000
80000
90000
100000
120000
110000
-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= 2.1667E+03 1.5854E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


NITRIC OXIDE (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 264.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
80000
90000
110000
120000
130000
100000
70000
60000
50000
40000
30000
LOCAL TIME
MIN,MAX= 2.1274E+04 1.5854E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

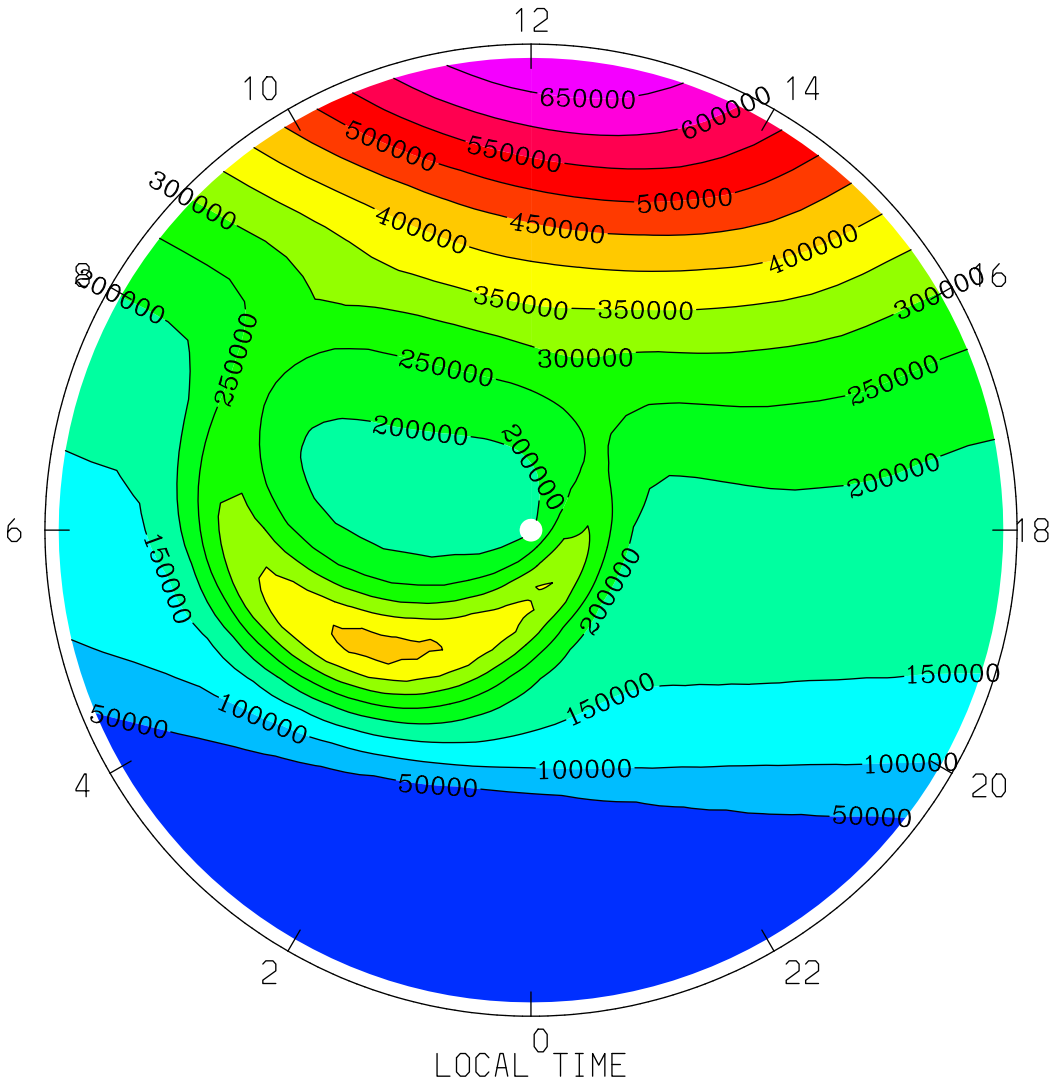

NITRIC OXIDE (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 264.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 2.1667E+03 2.4281E+04 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

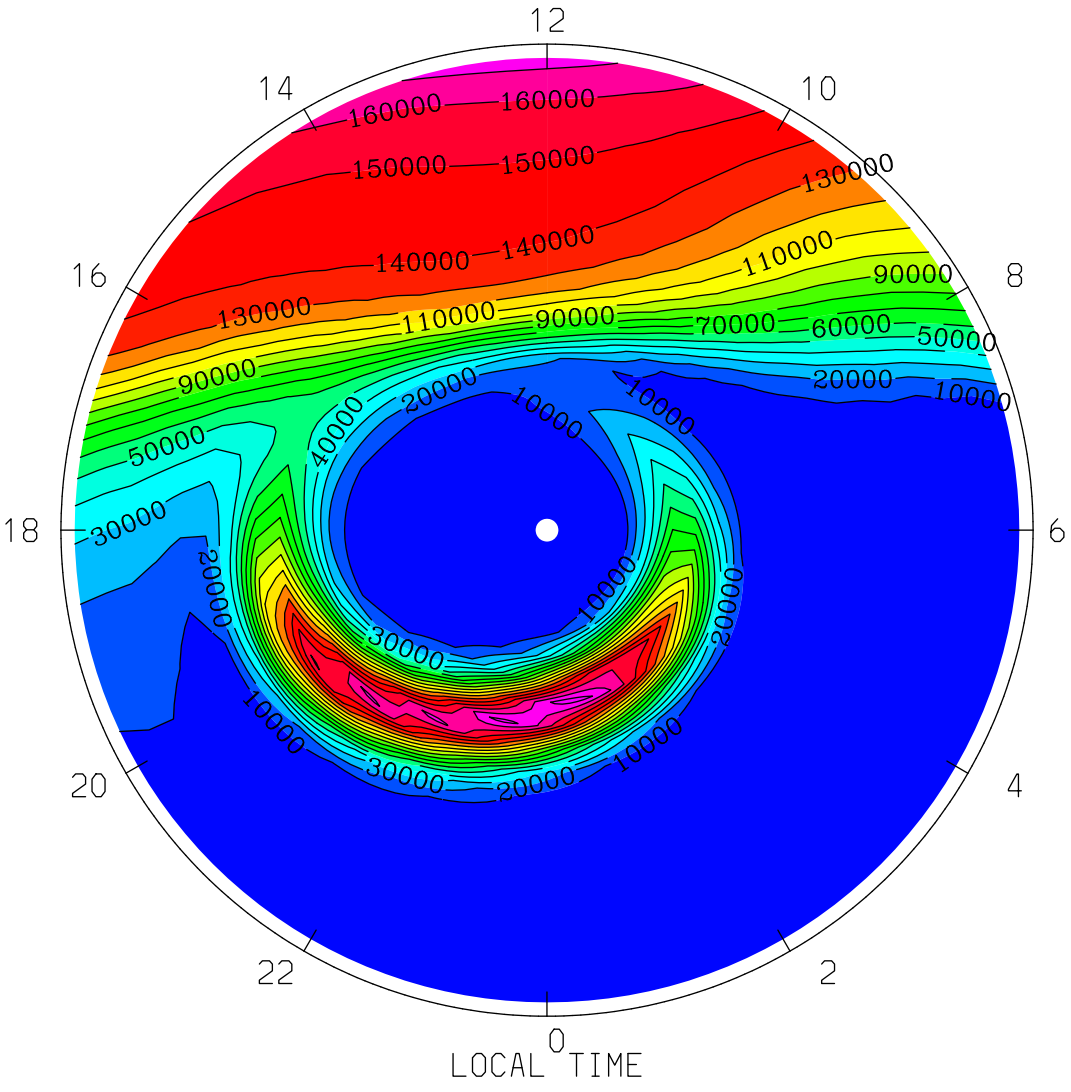


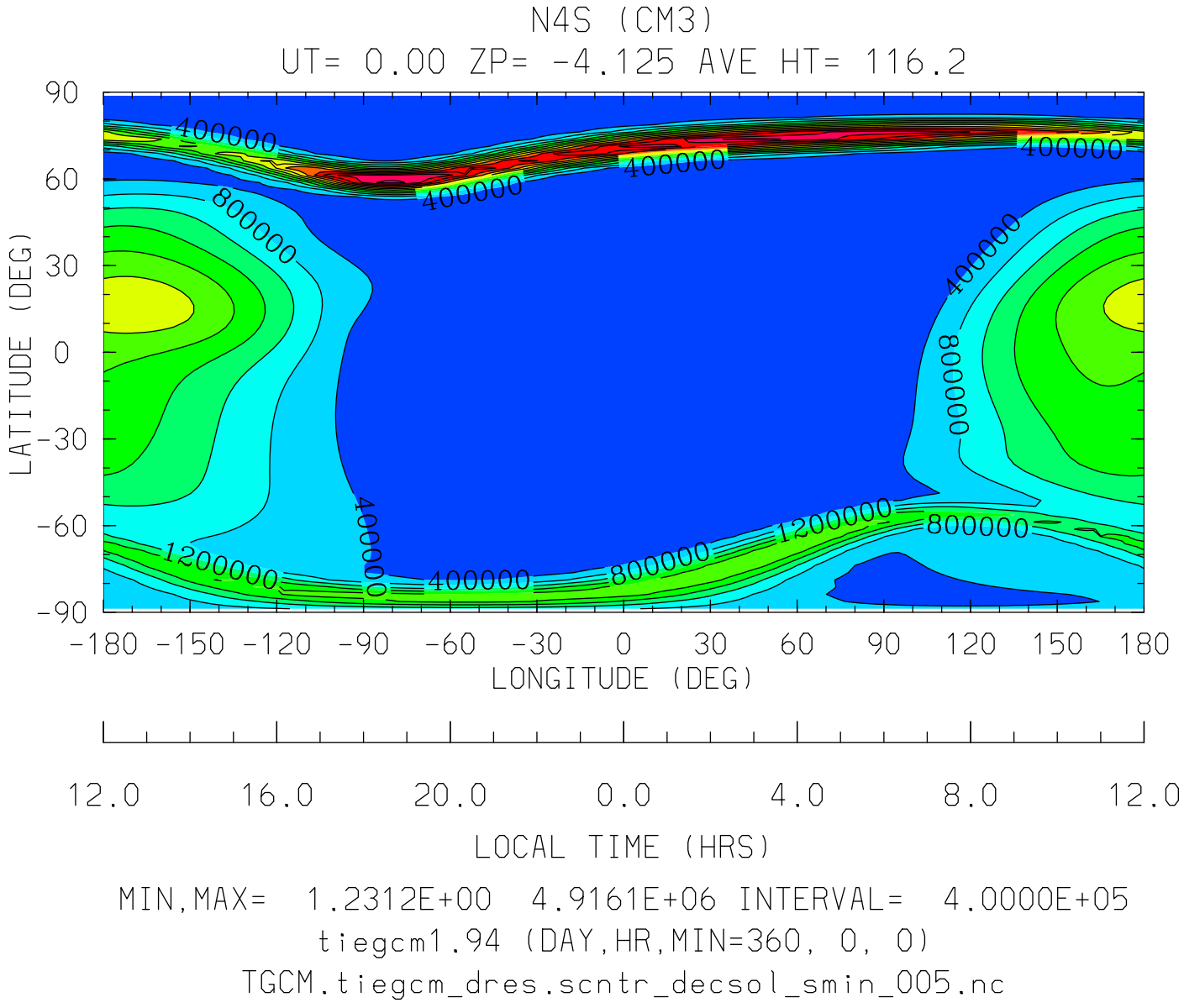
MIN,MAX= 3.8025E+01 8.7060E+05 INTERVAL= 5.0000E+04

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


N4S (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
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
LOCAL TIME
MIN,MAX= 5.3296E+02 6.9502E+05 INTERVAL= 5.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

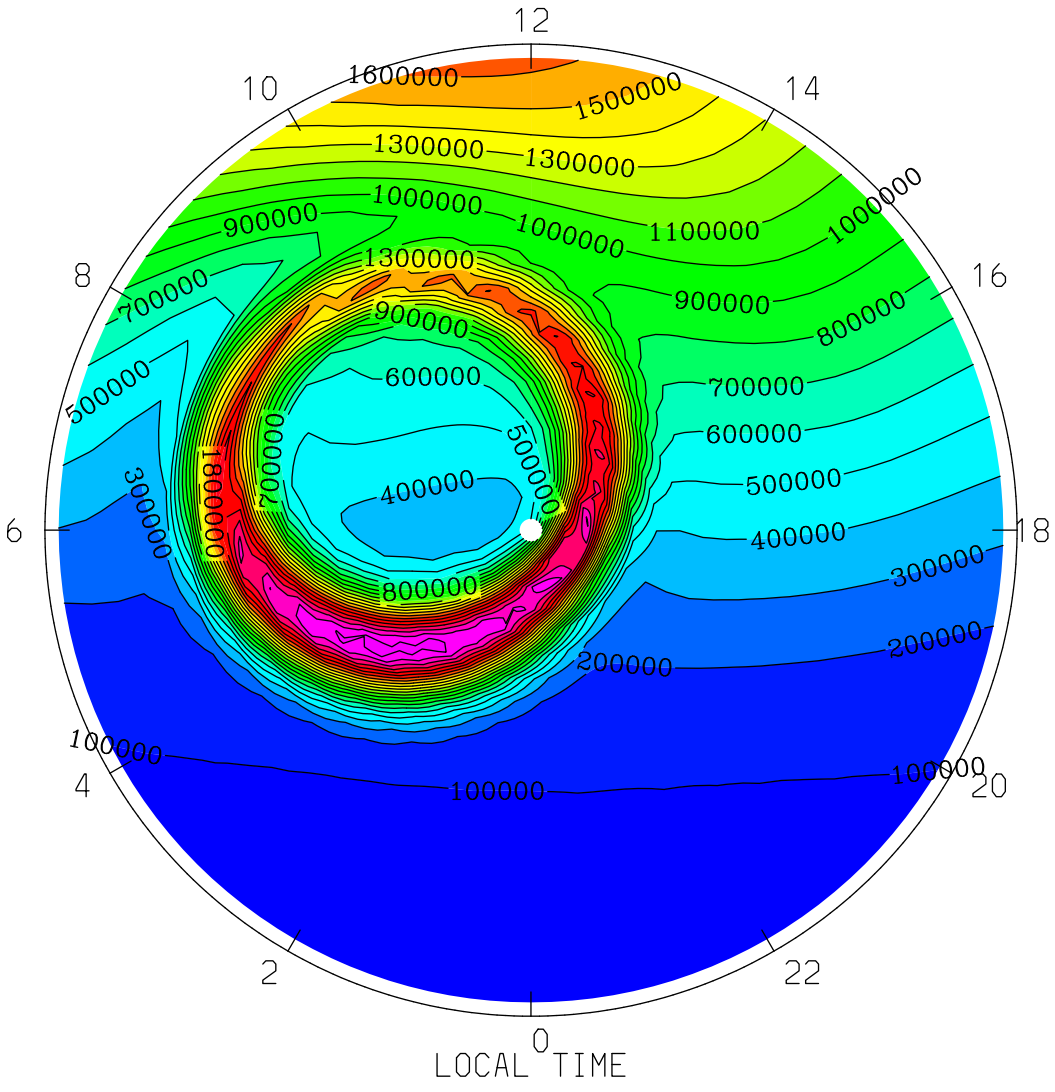

N4S (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
160000
150000
140000
130000
110000
90000
70000
60000
50000
40000
30000
20000
10000
LOCAL TIME
MIN,MAX= 3.8025E+01 1.8460E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.2312E+00 4.9161E+06 INTERVAL= 4.0000E+05

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

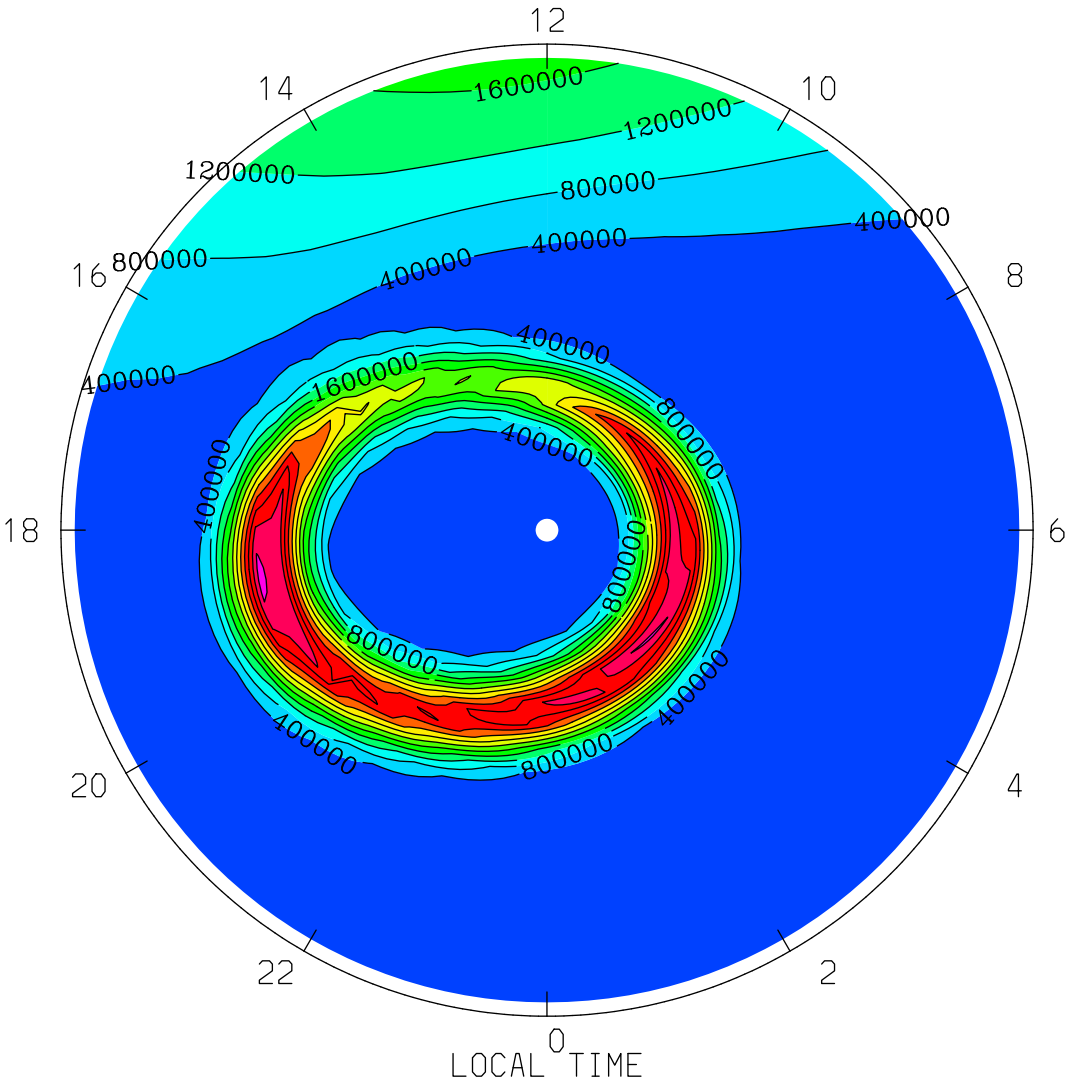
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.2312E+00 2.3733E+06 INTERVAL= 1.0000E+05

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

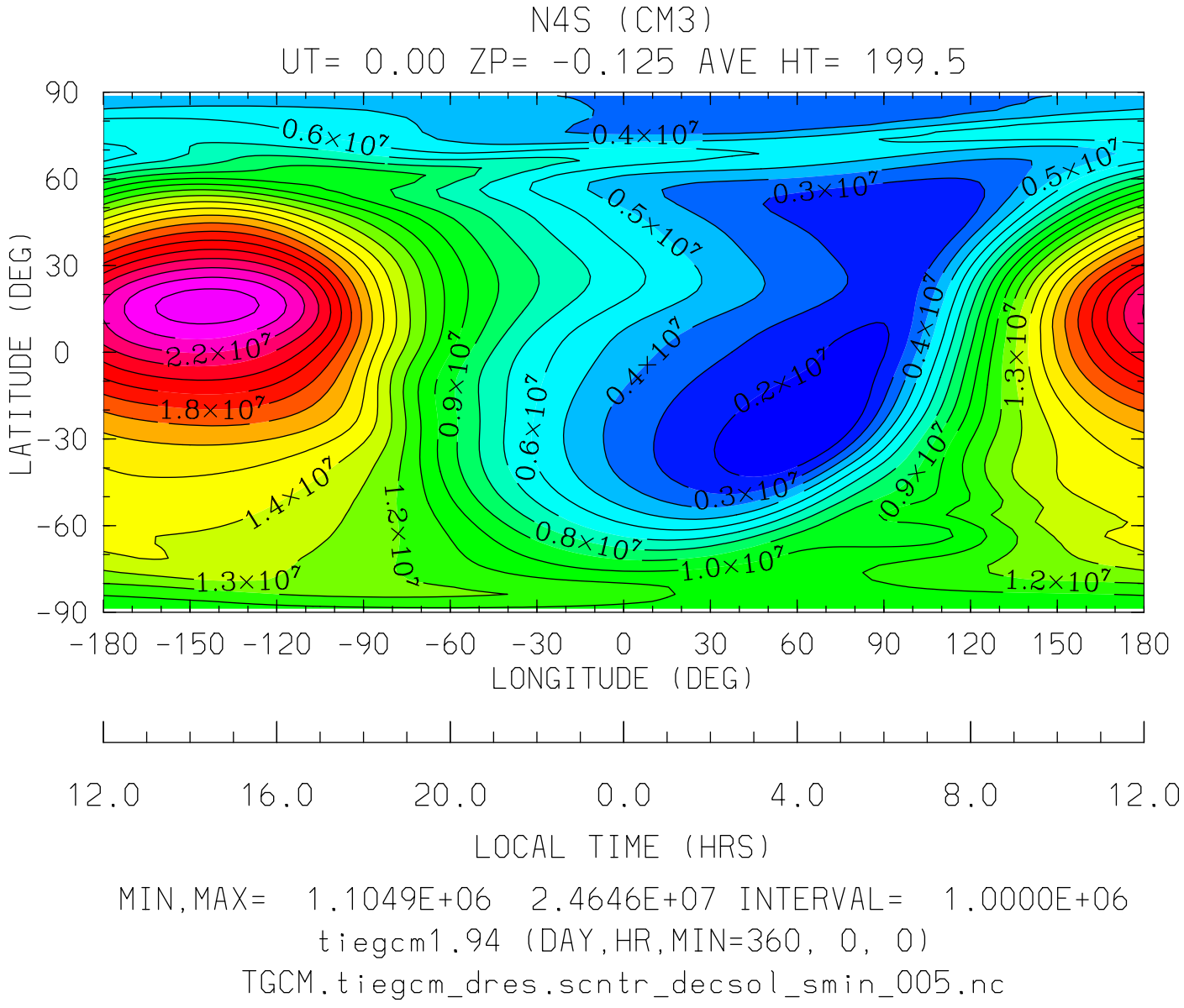
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.2919E+00 4.9161E+06 INTERVAL= 4.0000E+05

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

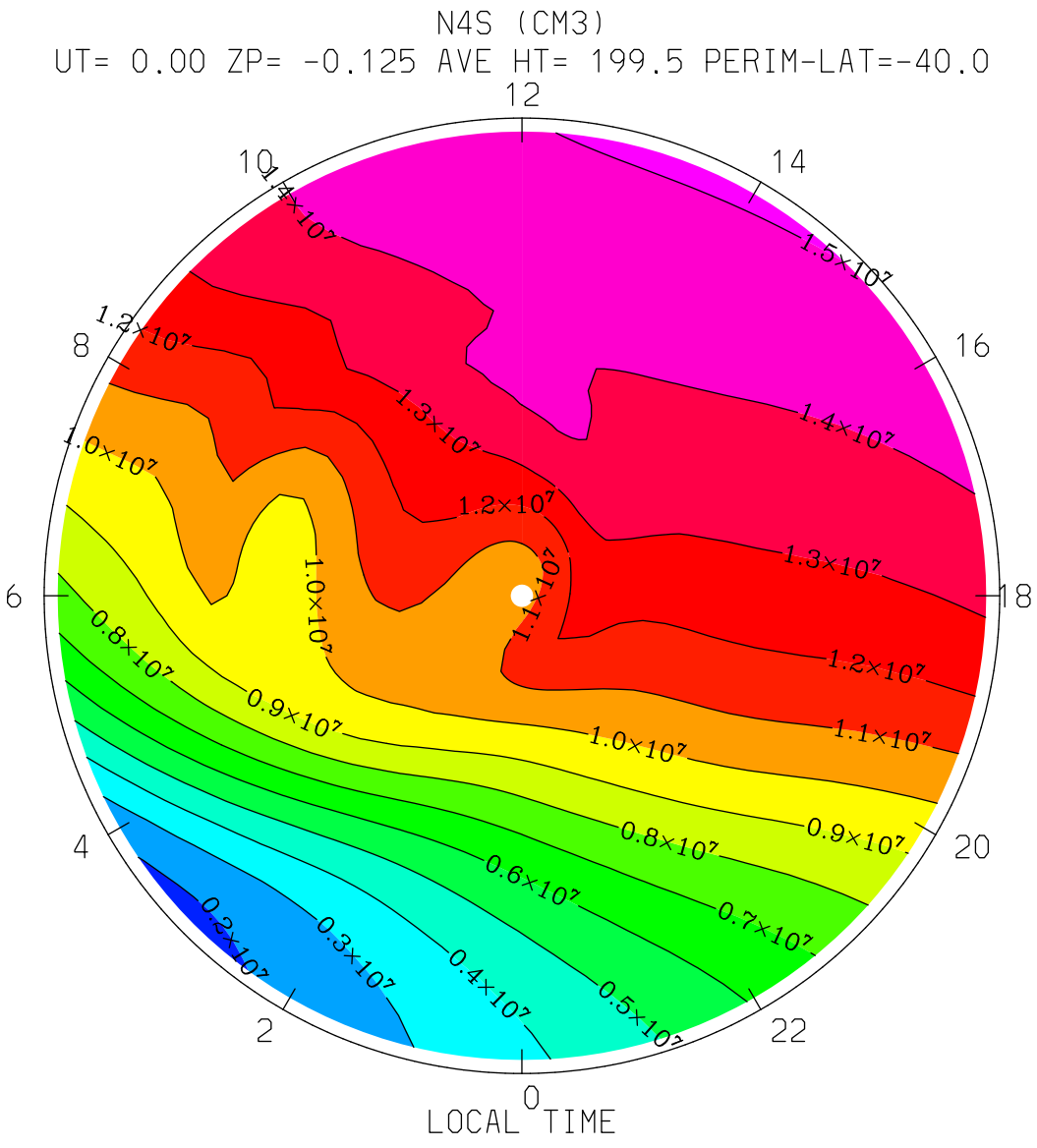
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.1049E+06 2.4646E+07 INTERVAL= 1.0000E+06

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

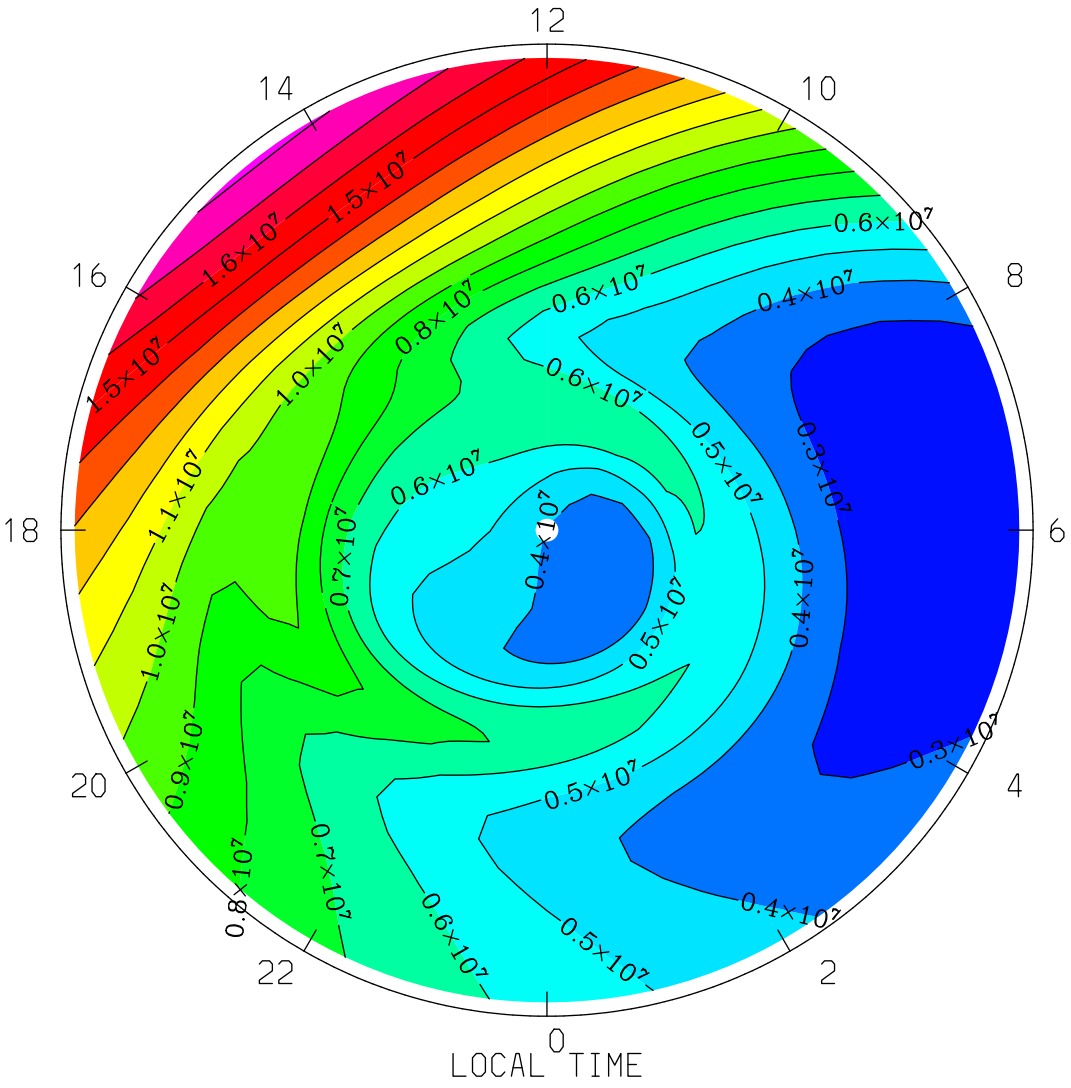
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.7582E+06 1.5127E+07 INTERVAL= 1.0000E+06

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

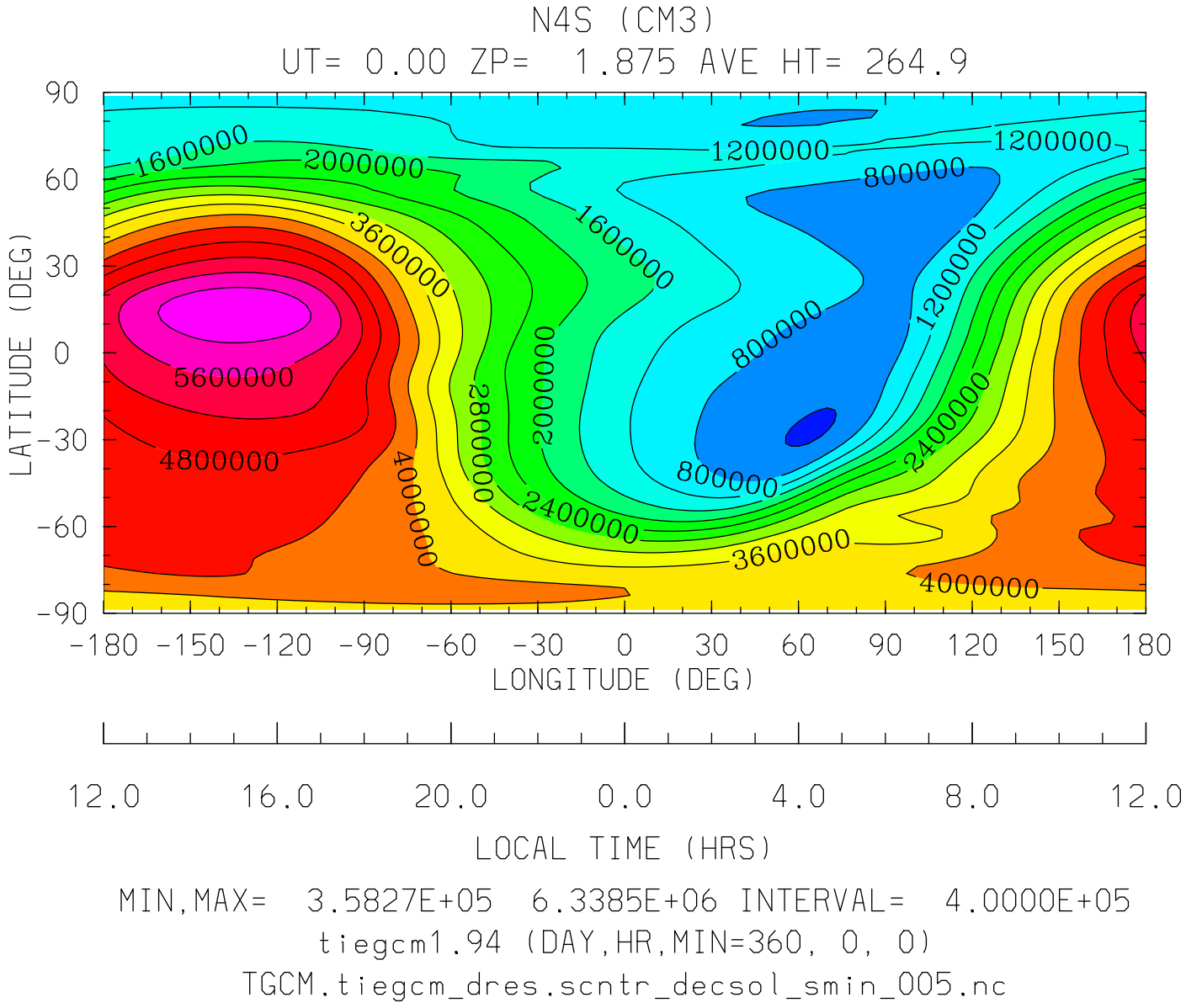
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 2.0933E+06 1.8206E+07 INTERVAL= 1.0000E+06

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

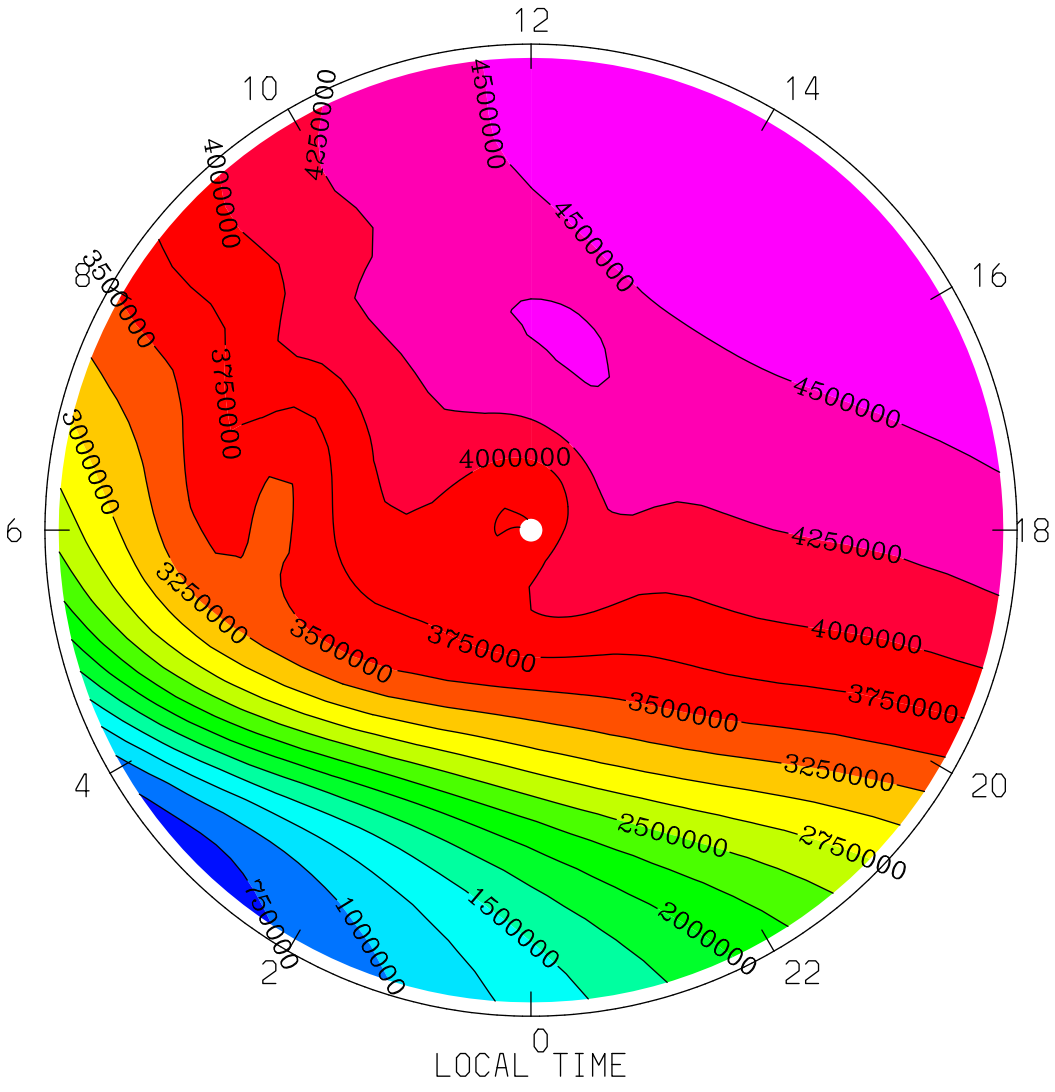
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

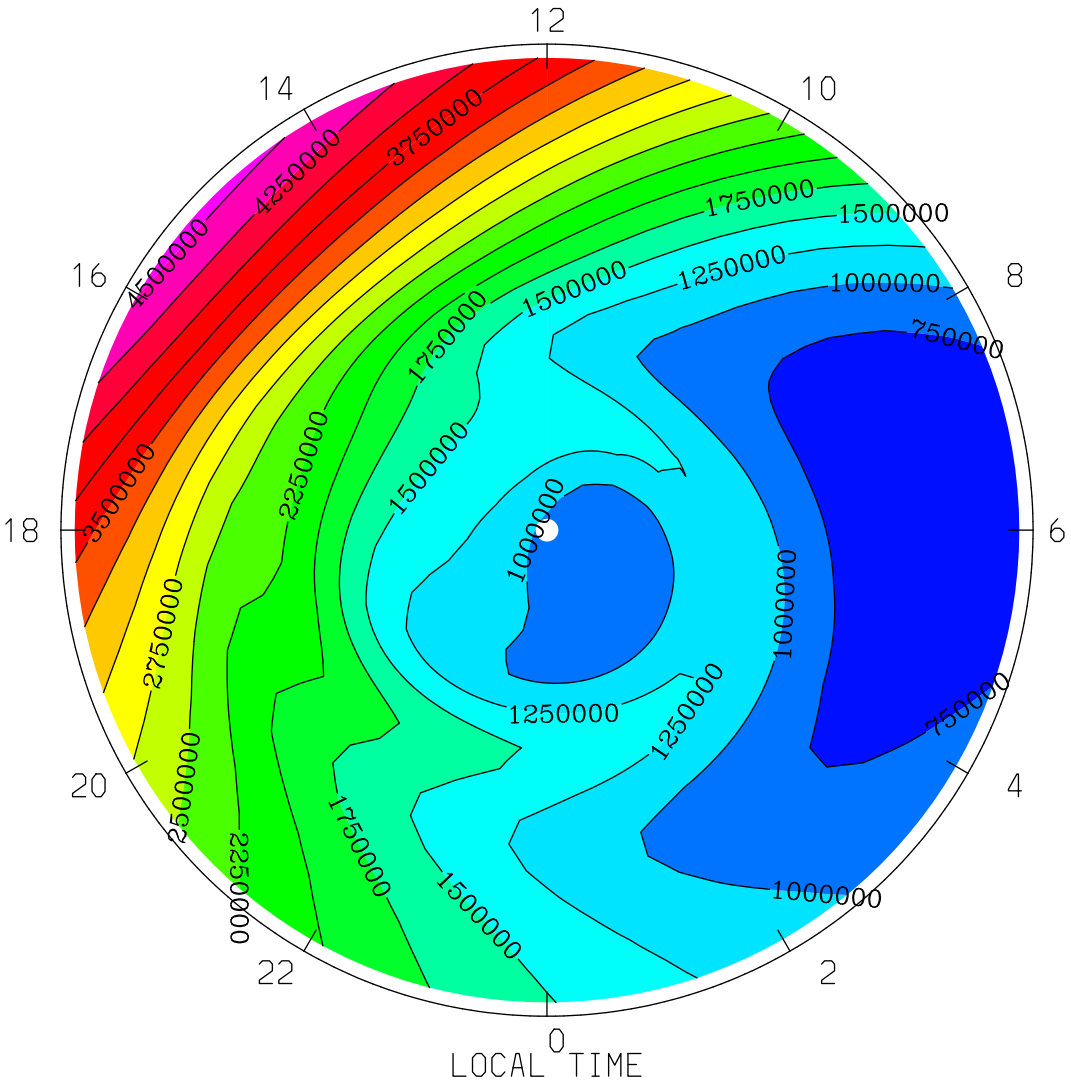


MIN,MAX= 3.5827E+05 6.3385E+06 INTERVAL= 4.0000E+05

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

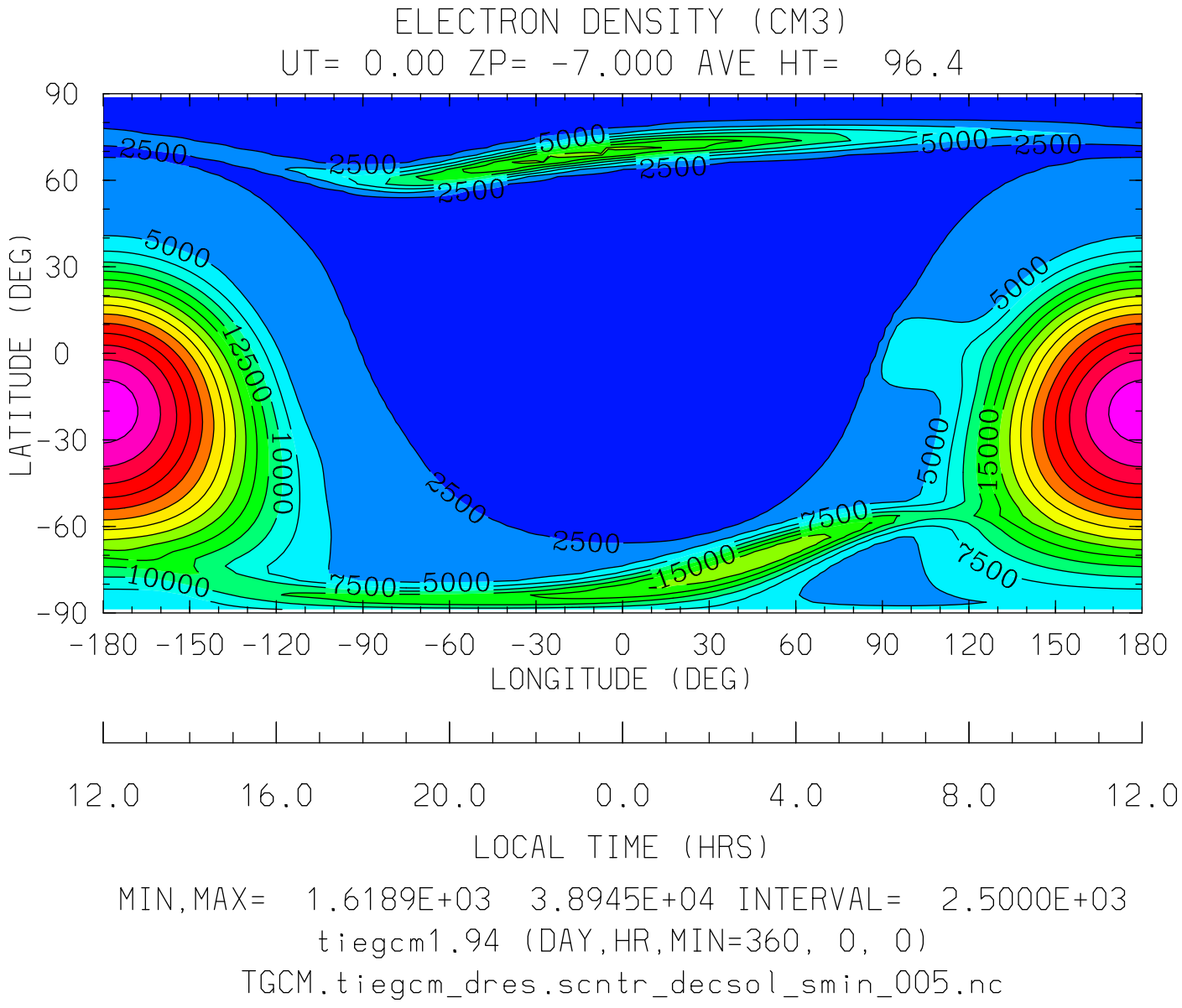

N4S (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 264.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
4500000
4250000
4000000
3750000
3500000
3250000
3000000
2750000
2500000
2000000
1500000
1000000
750000
MIN,MAX= 6.2187E+05 4.7386E+06 INTERVAL= 2.5000E+05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

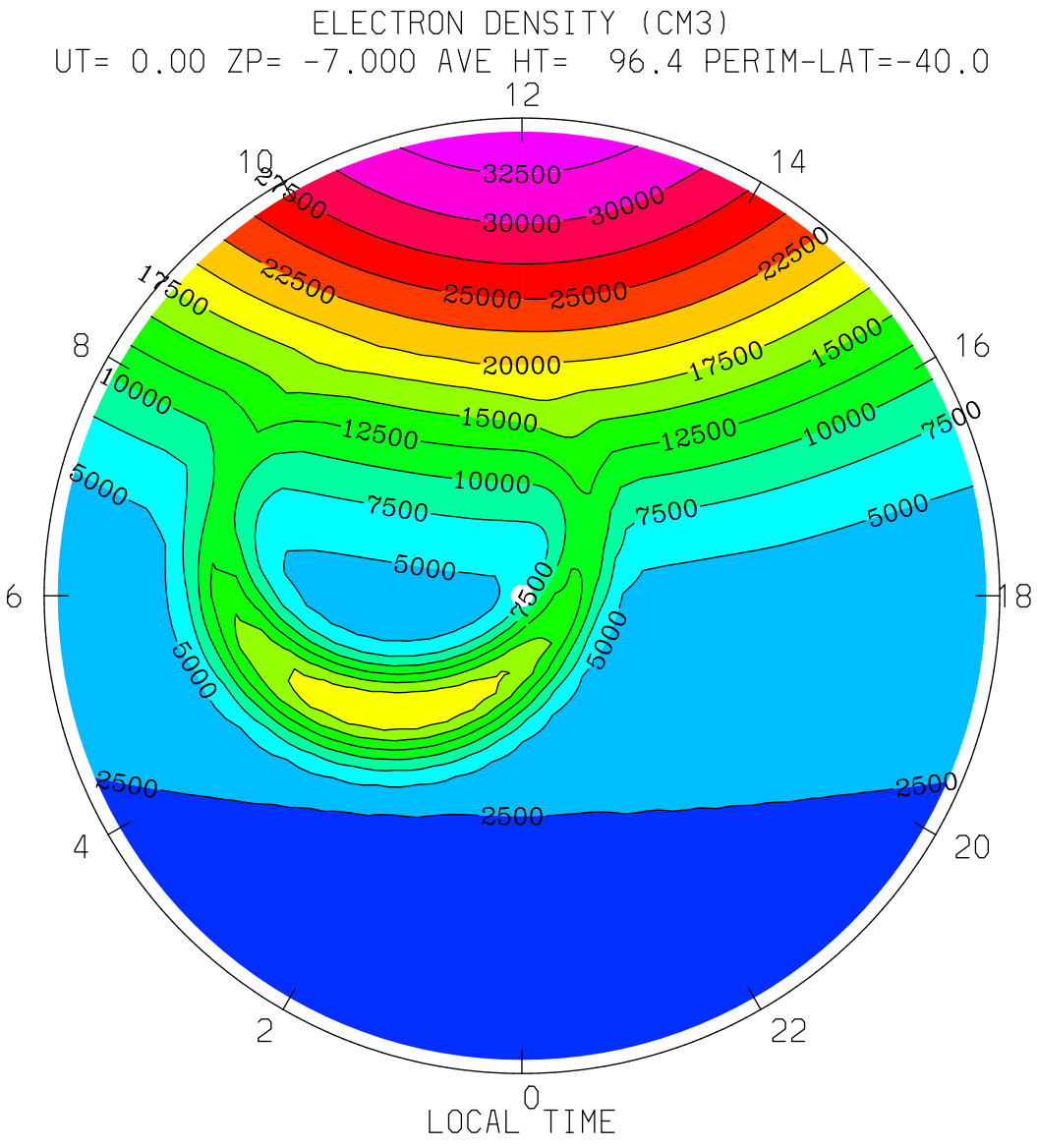


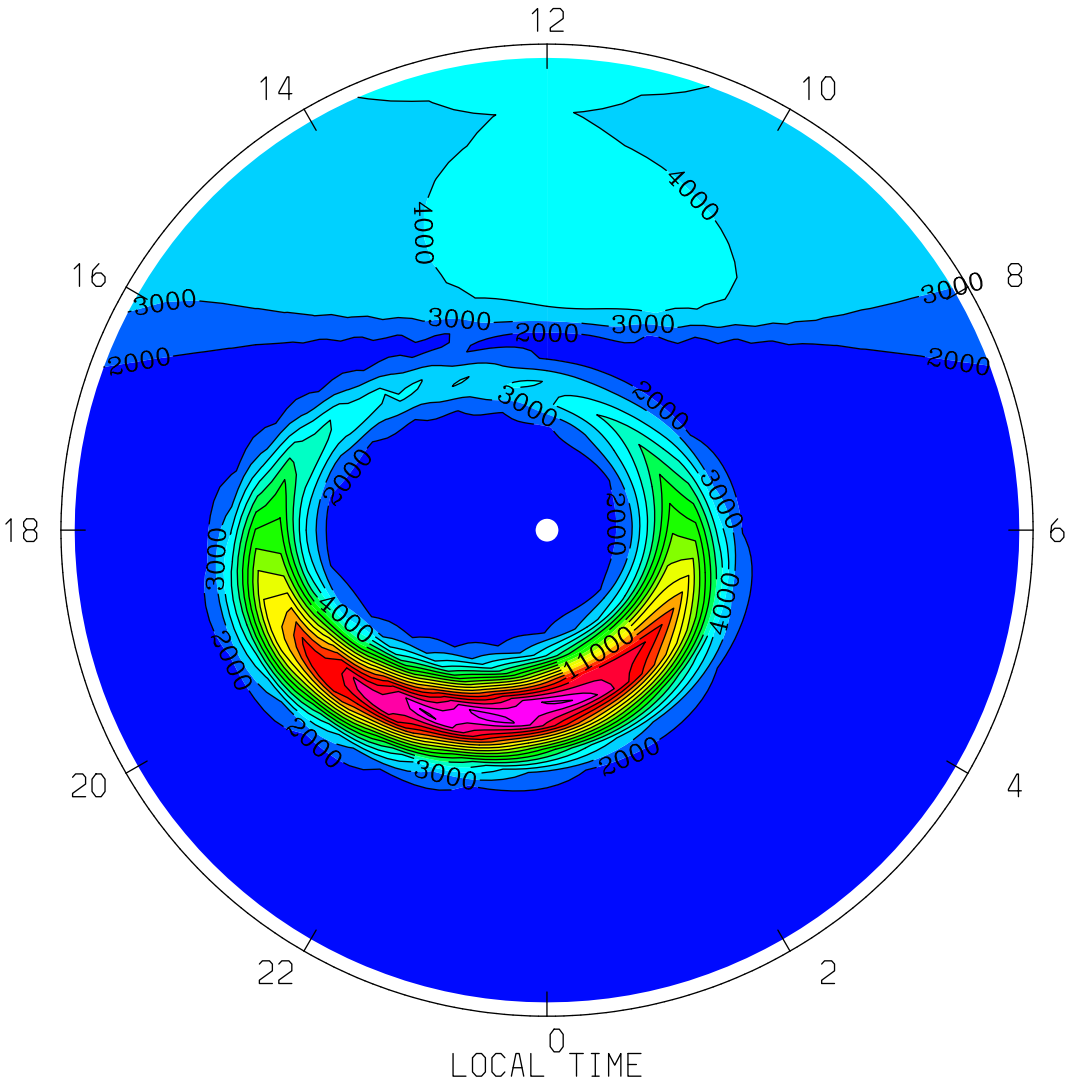
MIN,MAX= 5.3678E+05 4.5831E+06 INTERVAL= 2.5000E+05

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

TGCM.tiegcm_dres.scntr_decsol_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
2500
5000
12500
10000
7500
15000
-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= 1.6189E+03 3.8945E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

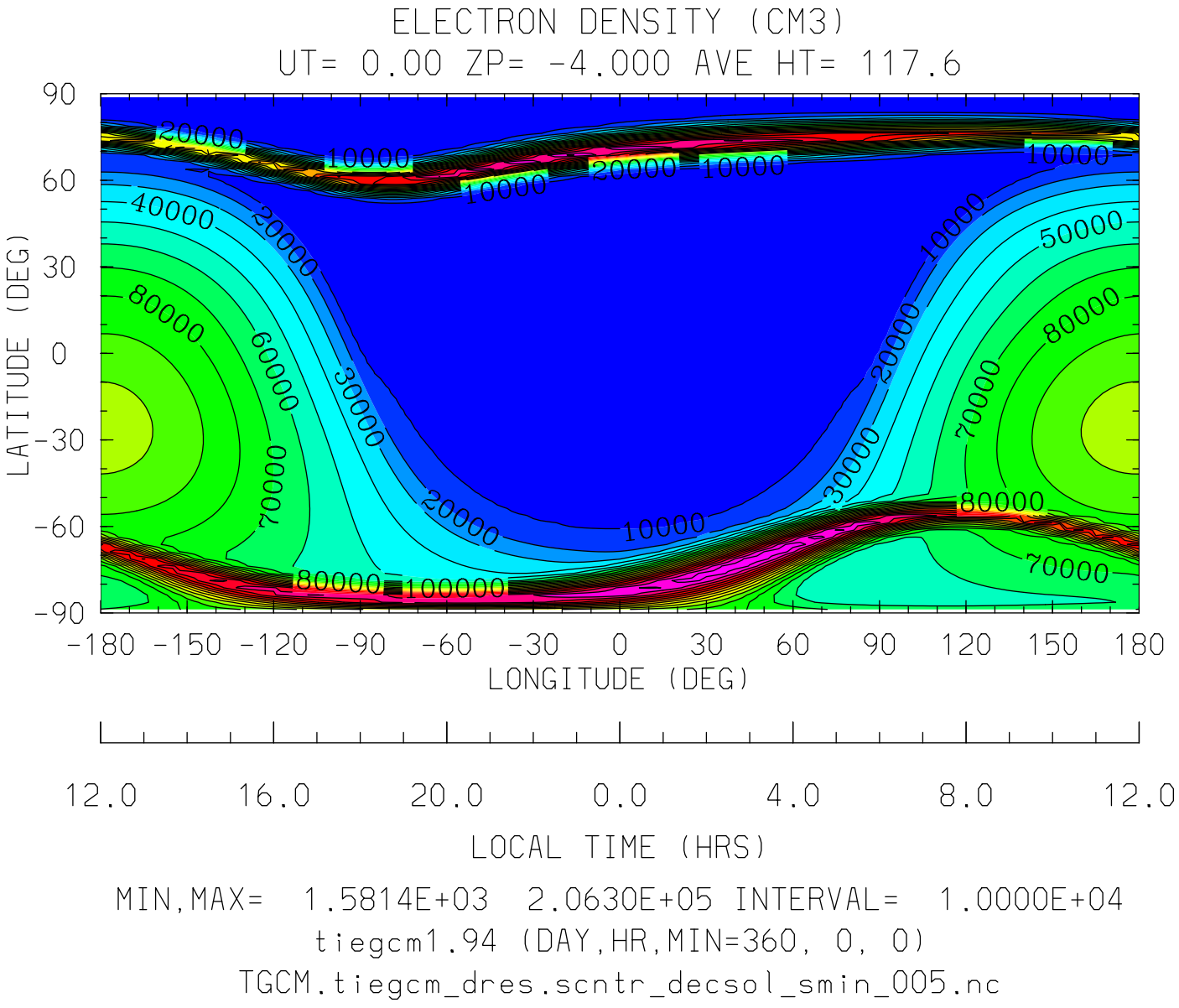

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
14
16
18
20
22
0
2
4
6
8
10
32500
30000
27500
25000
22500
20000
17500
15000
12500
10000
7500
5000
2500
LOCAL TIME
MIN,MAX= 1.6189E+03 3.4248E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

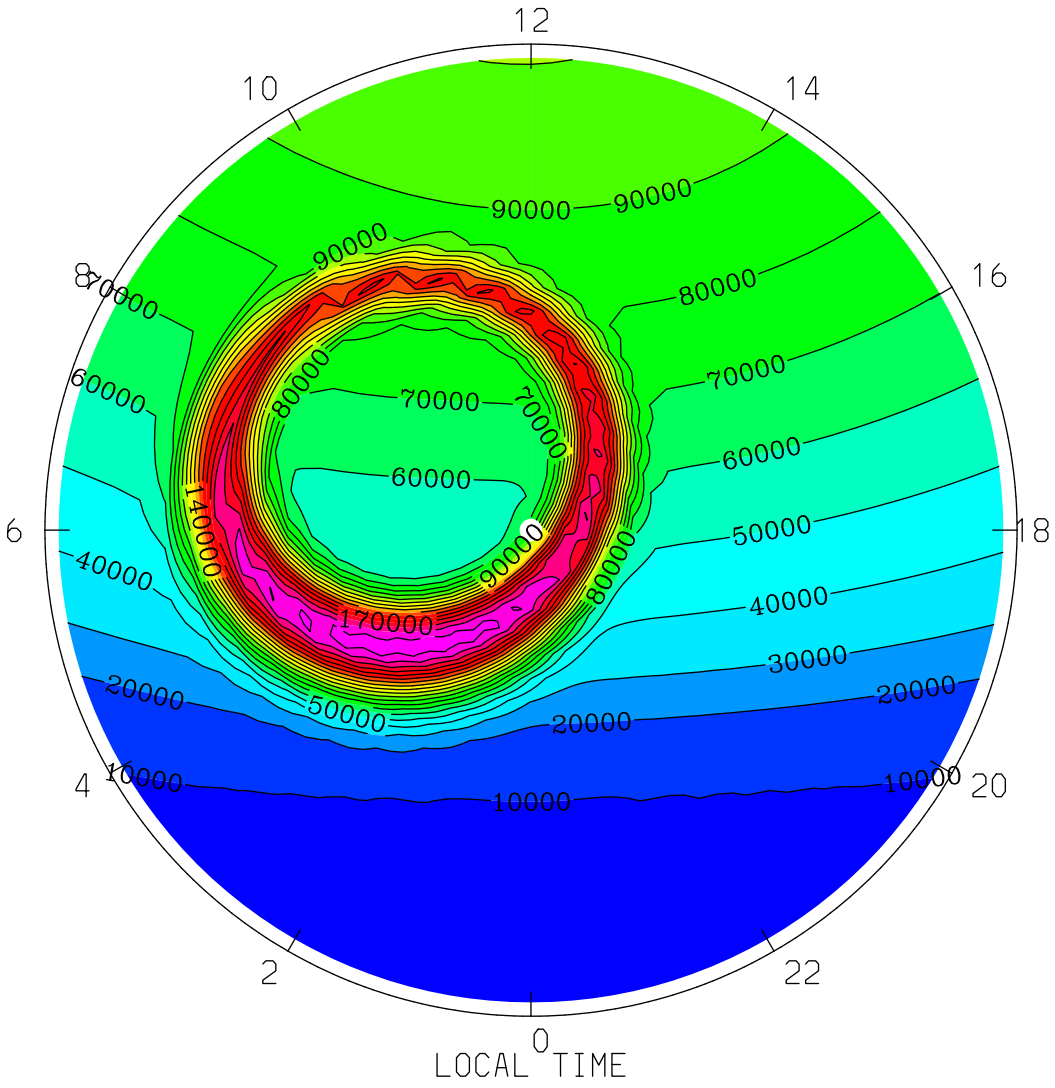


MIN,MAX= 1.6238E+03 1.8702E+04 INTERVAL= 1.0000E+03

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

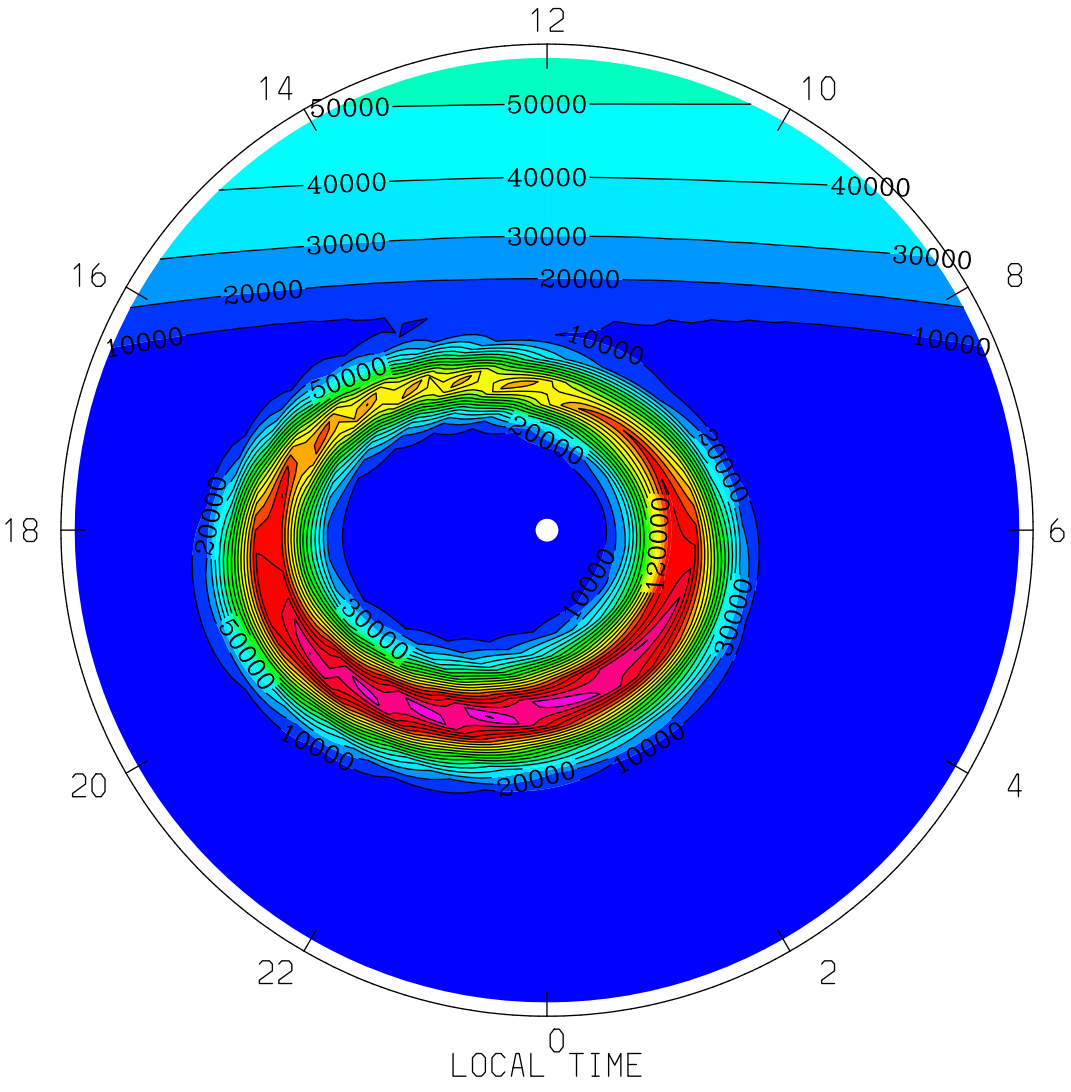

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -4.000 AVE HT= 117.6
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.5814E+03 2.0630E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

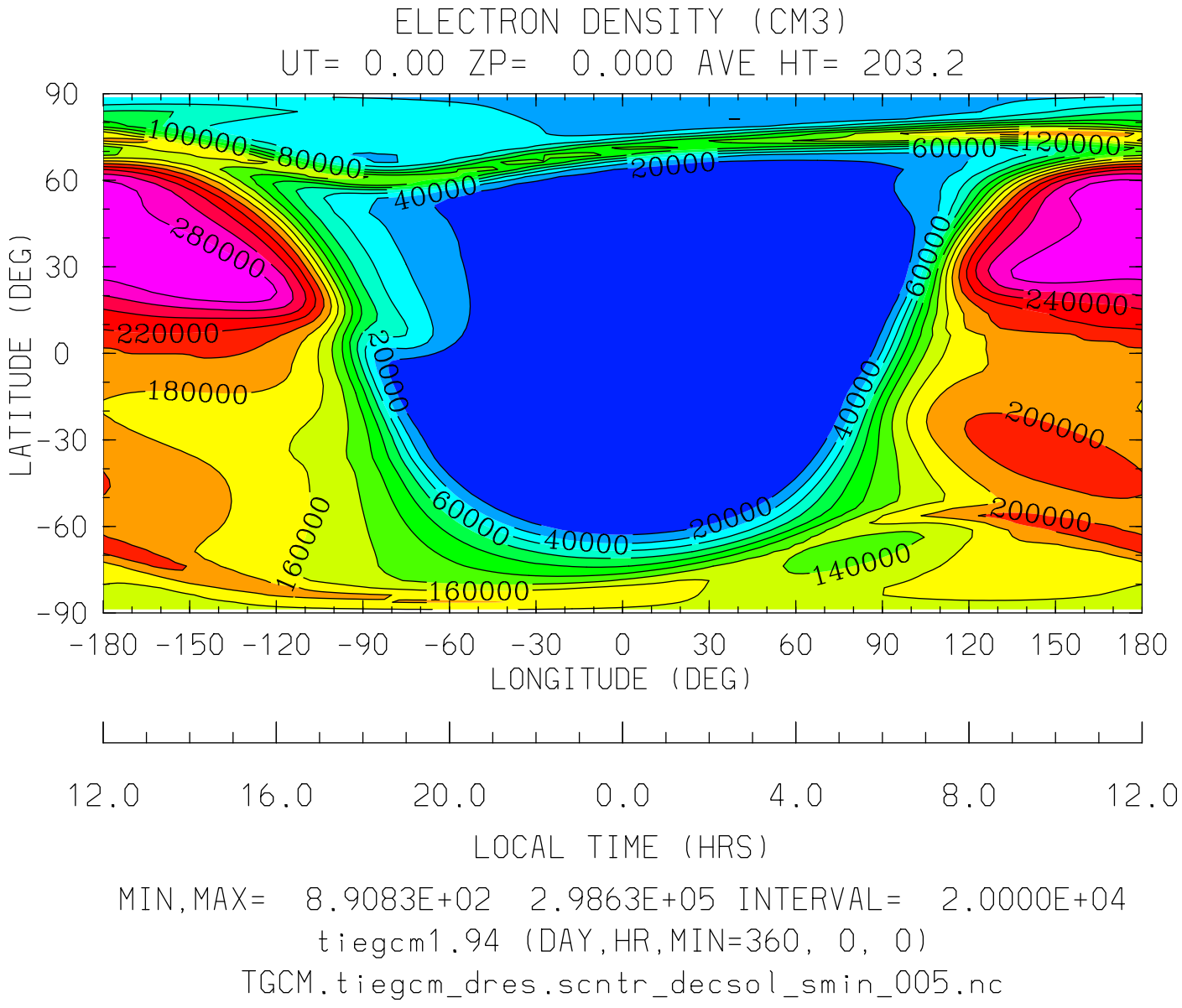


MIN,MAX= 2.0262E+03 2.0630E+05 INTERVAL= 1.0000E+04

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

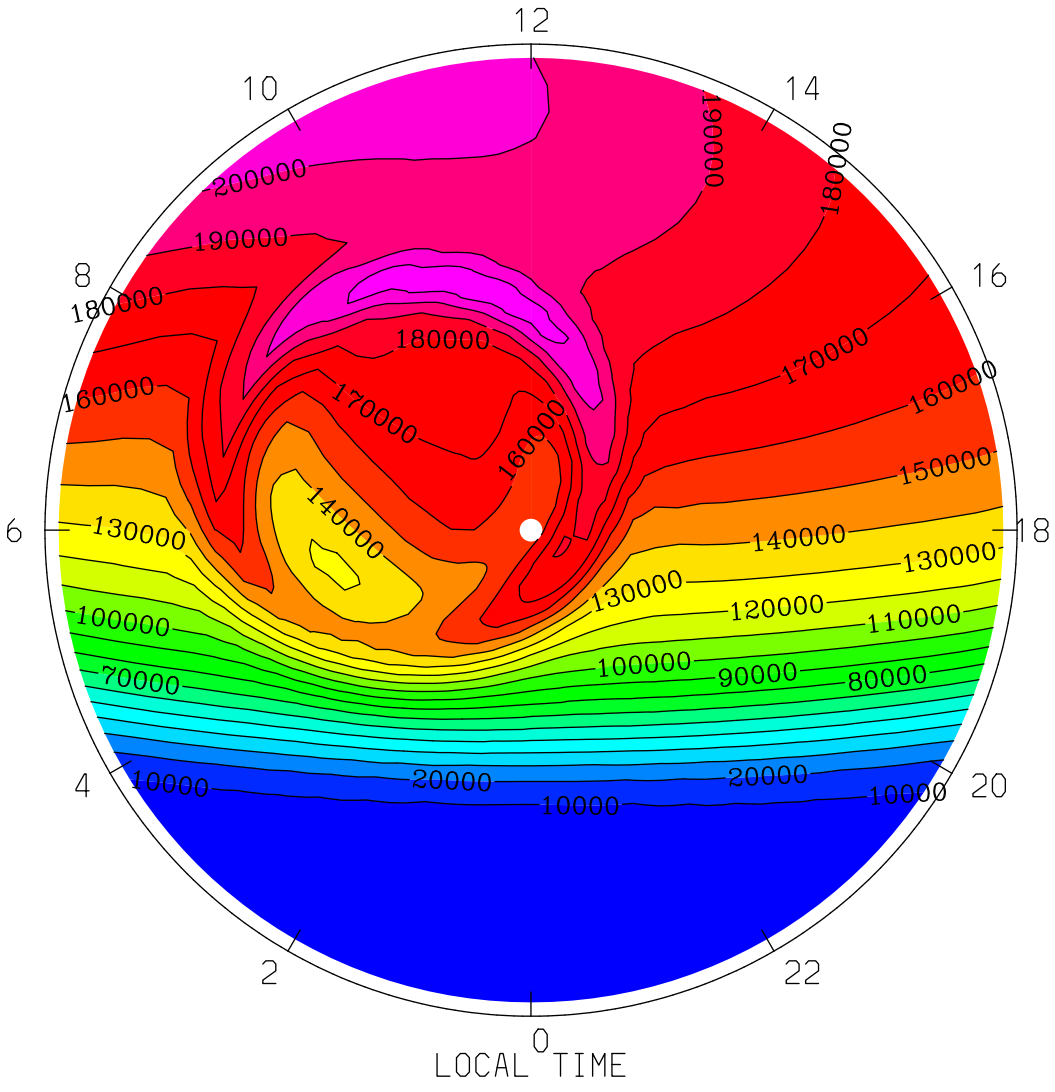

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
50000
40000
30000
20000
10000
120000
LOCAL TIME
MIN,MAX= 1.6305E+03 2.0041E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 8.9083E+02 2.9863E+05 INTERVAL= 2.0000E+04

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

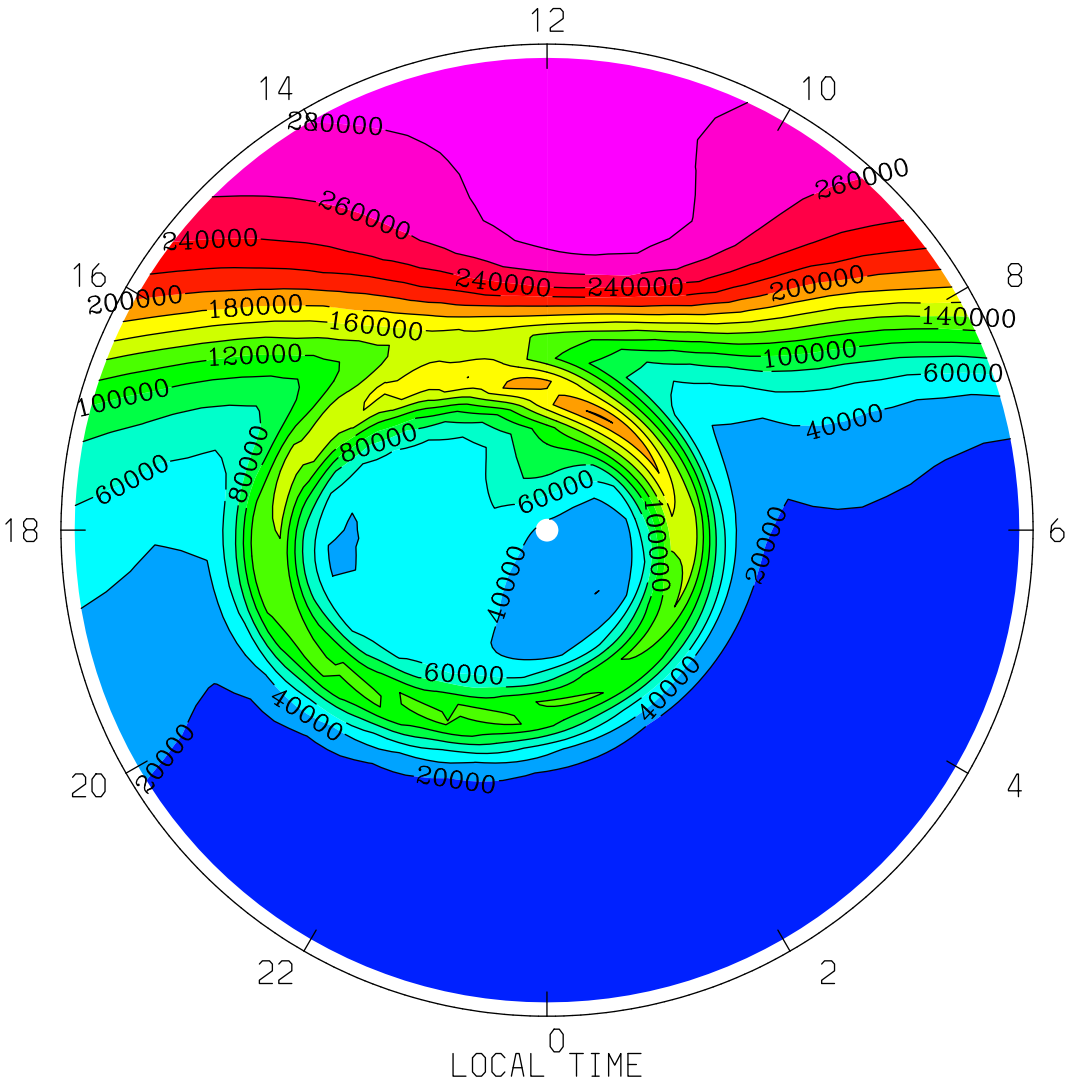
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

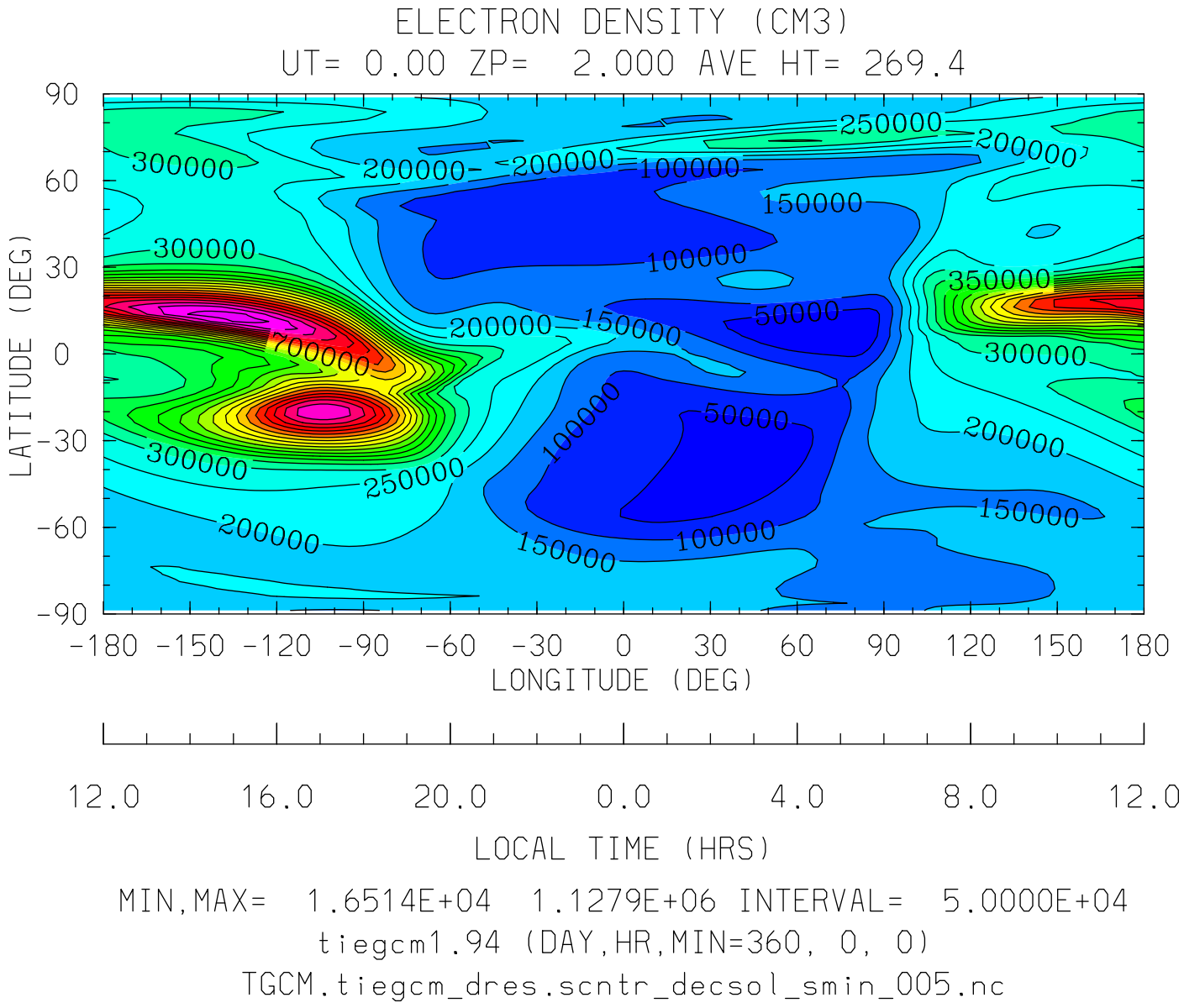


MIN,MAX= 2.6295E+03 2.1861E+05 INTERVAL= 1.0000E+04

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

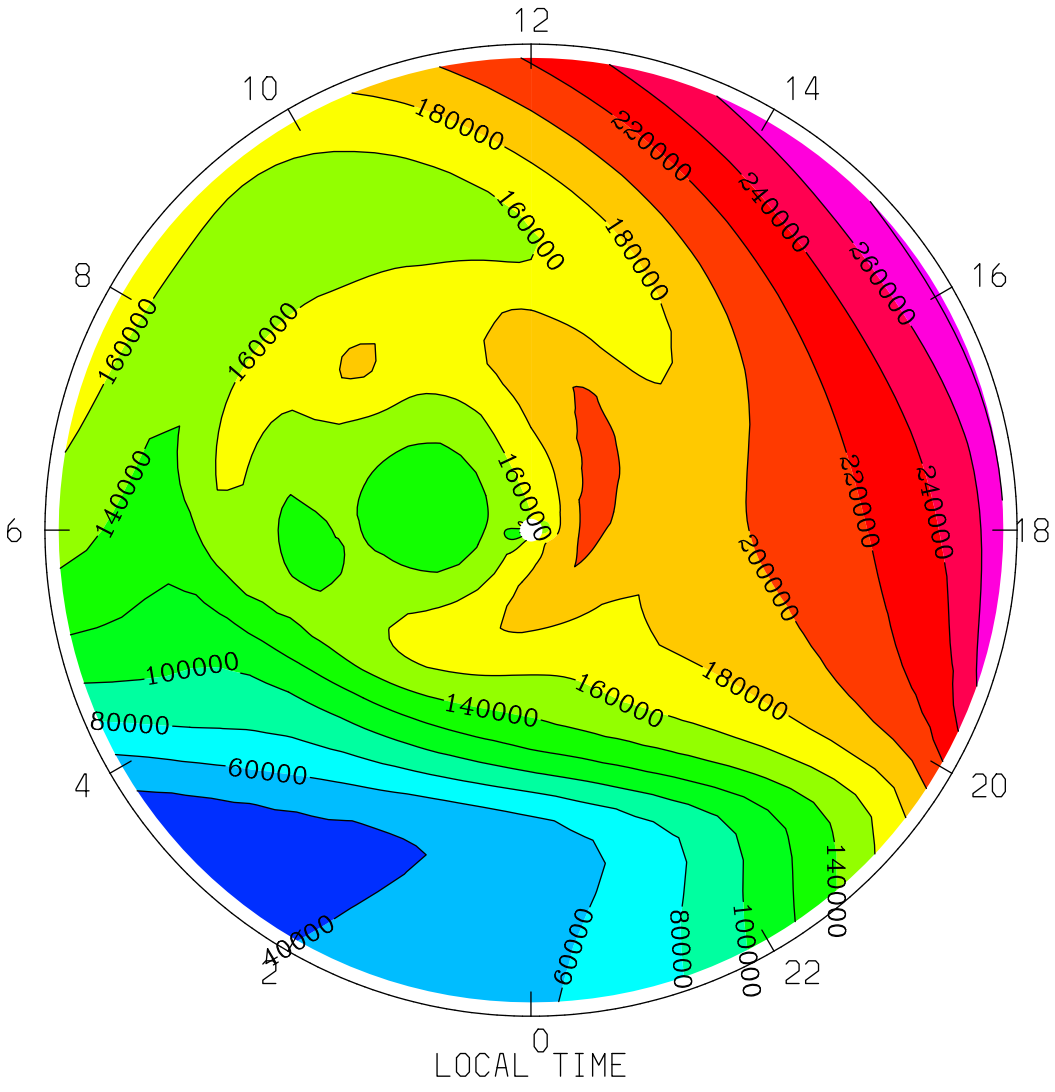

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
280000
260000
240000
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
LOCAL TIME
MIN,MAX= 3.2513E+03 2.9272E+05 INTERVAL= 2.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.6514E+04 1.1279E+06 INTERVAL= 5.0000E+04

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

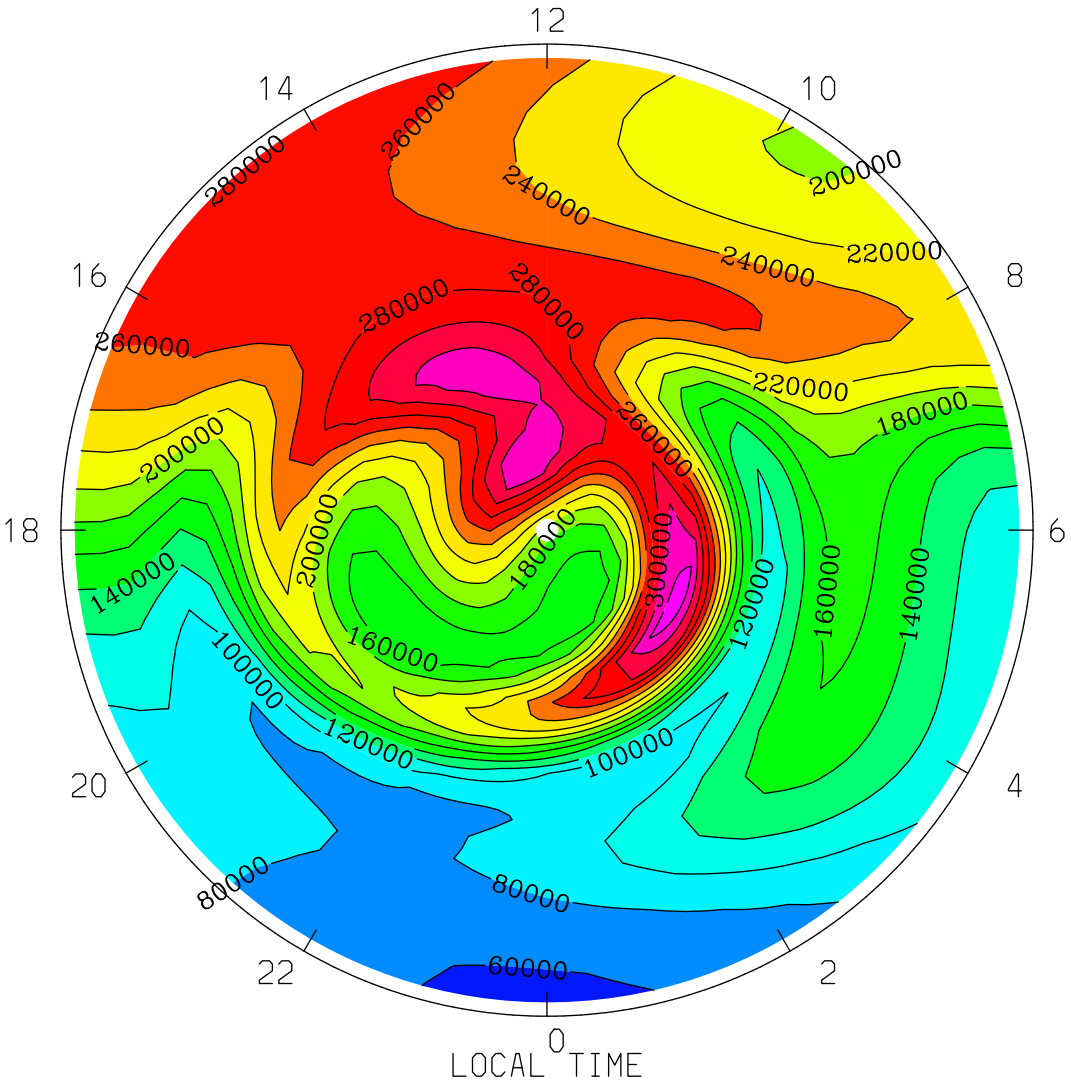
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

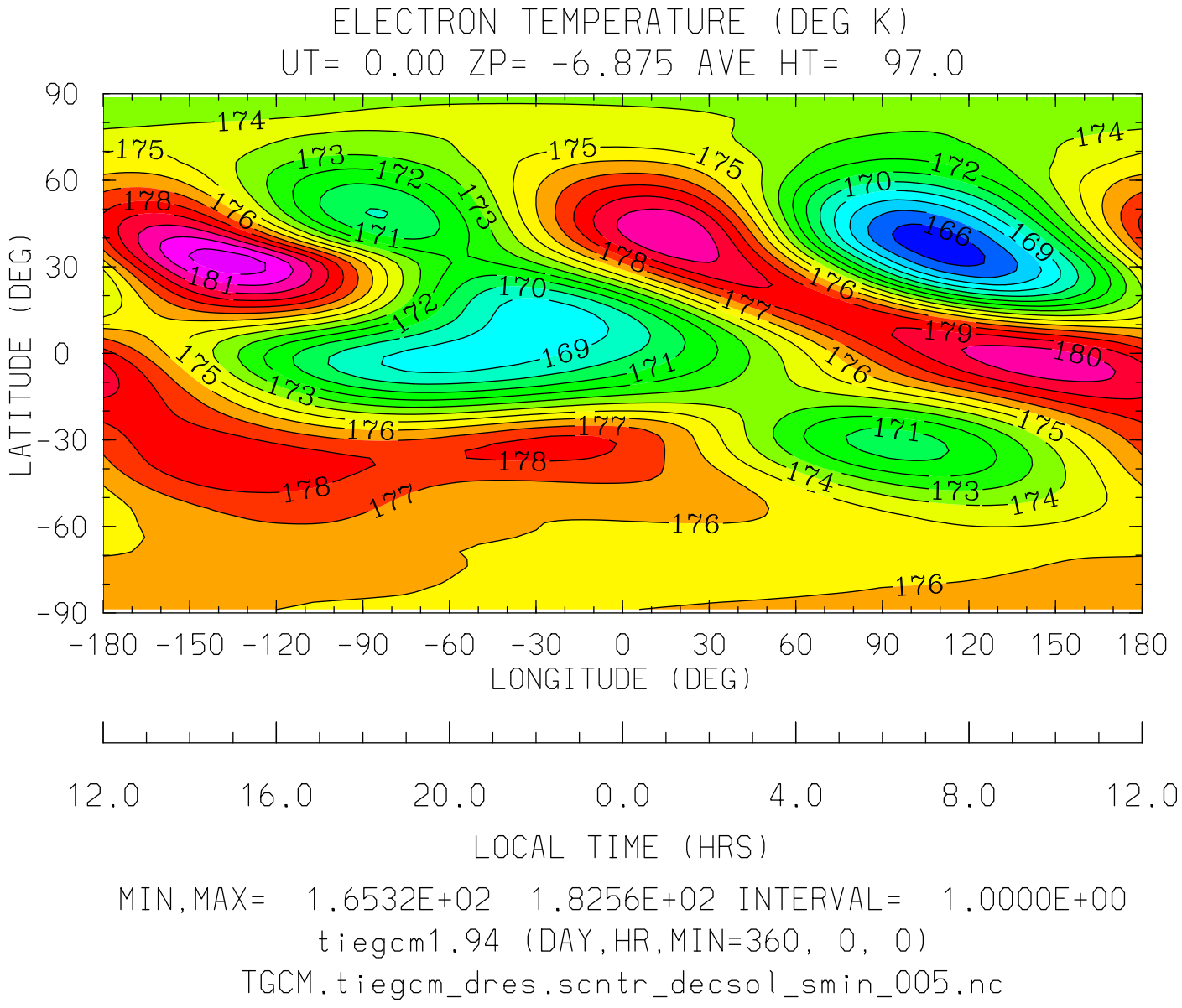


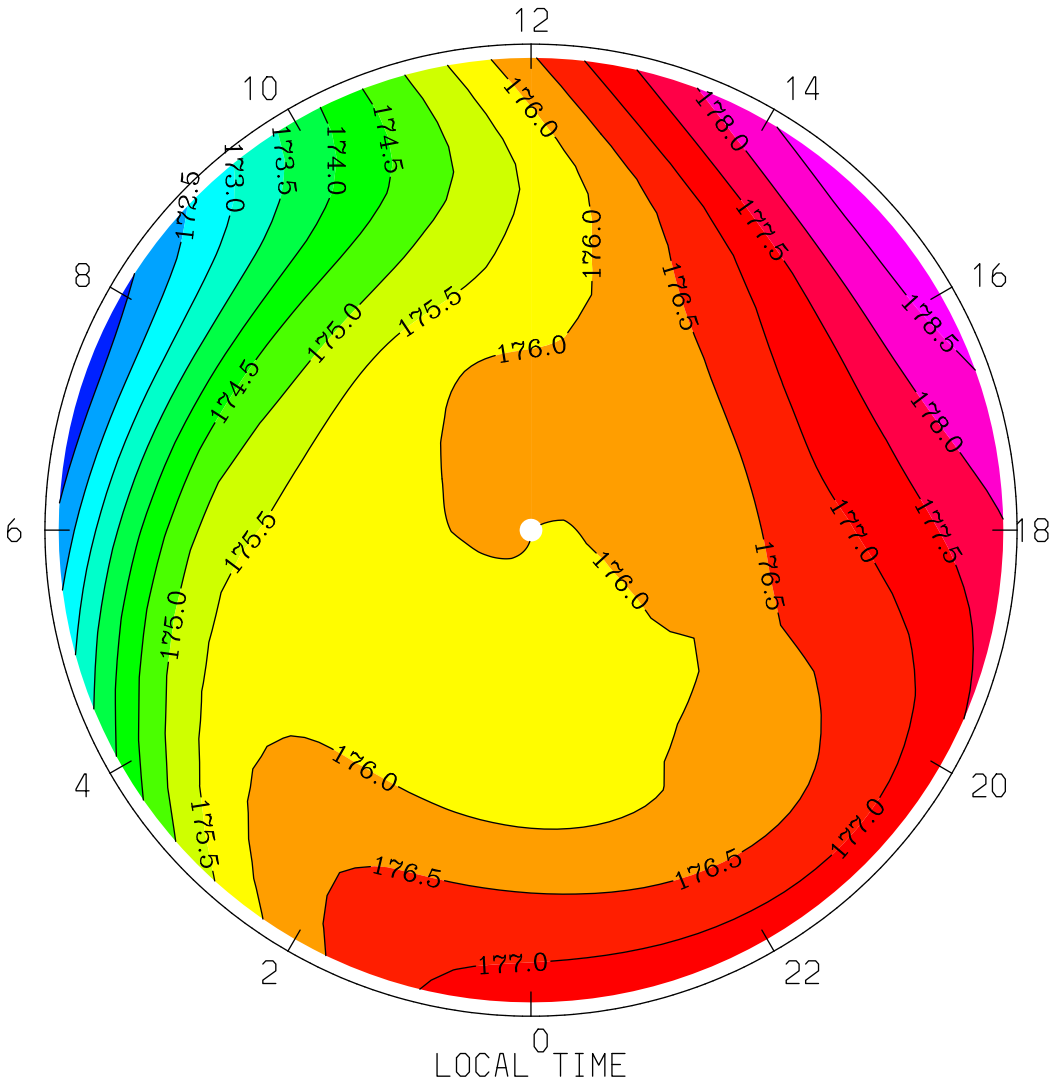
MIN,MAX= 3.1989E+04 2.8341E+05 INTERVAL= 2.0000E+04

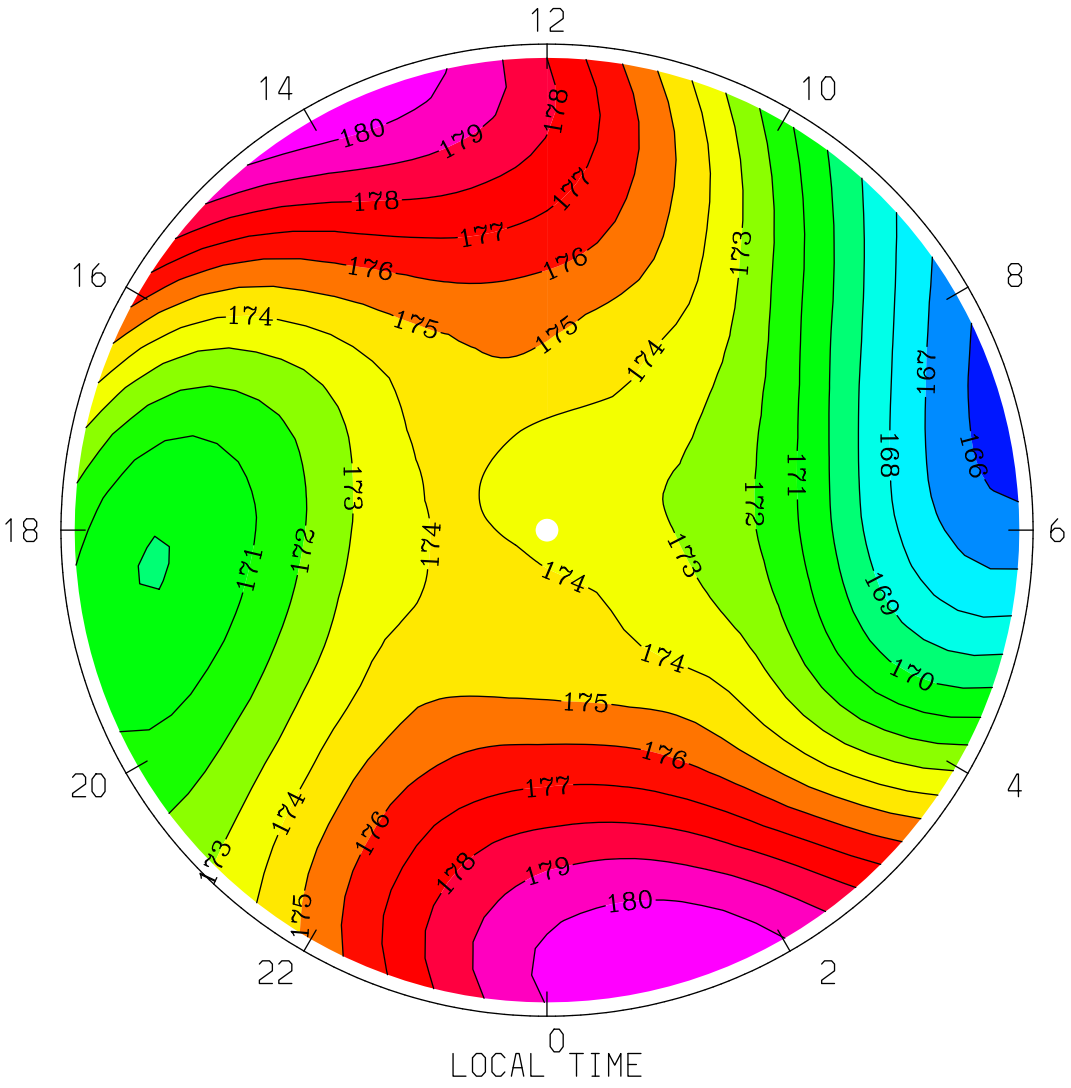
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

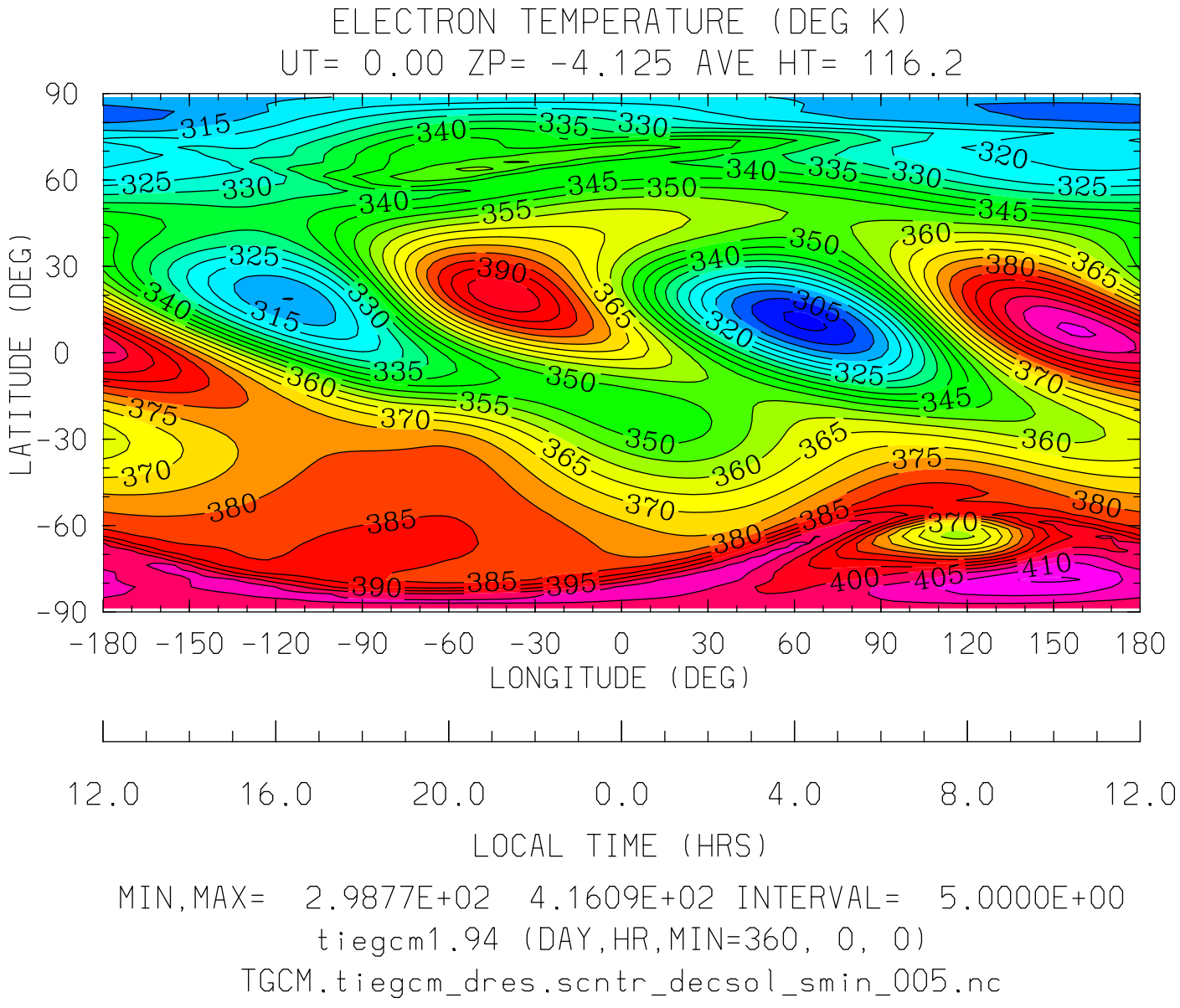
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
260000
280000
240000
200000
220000
180000
160000
140000
120000
100000
80000
60000
300000
MIN,MAX= 5.6544E+04 3.5489E+05 INTERVAL= 2.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

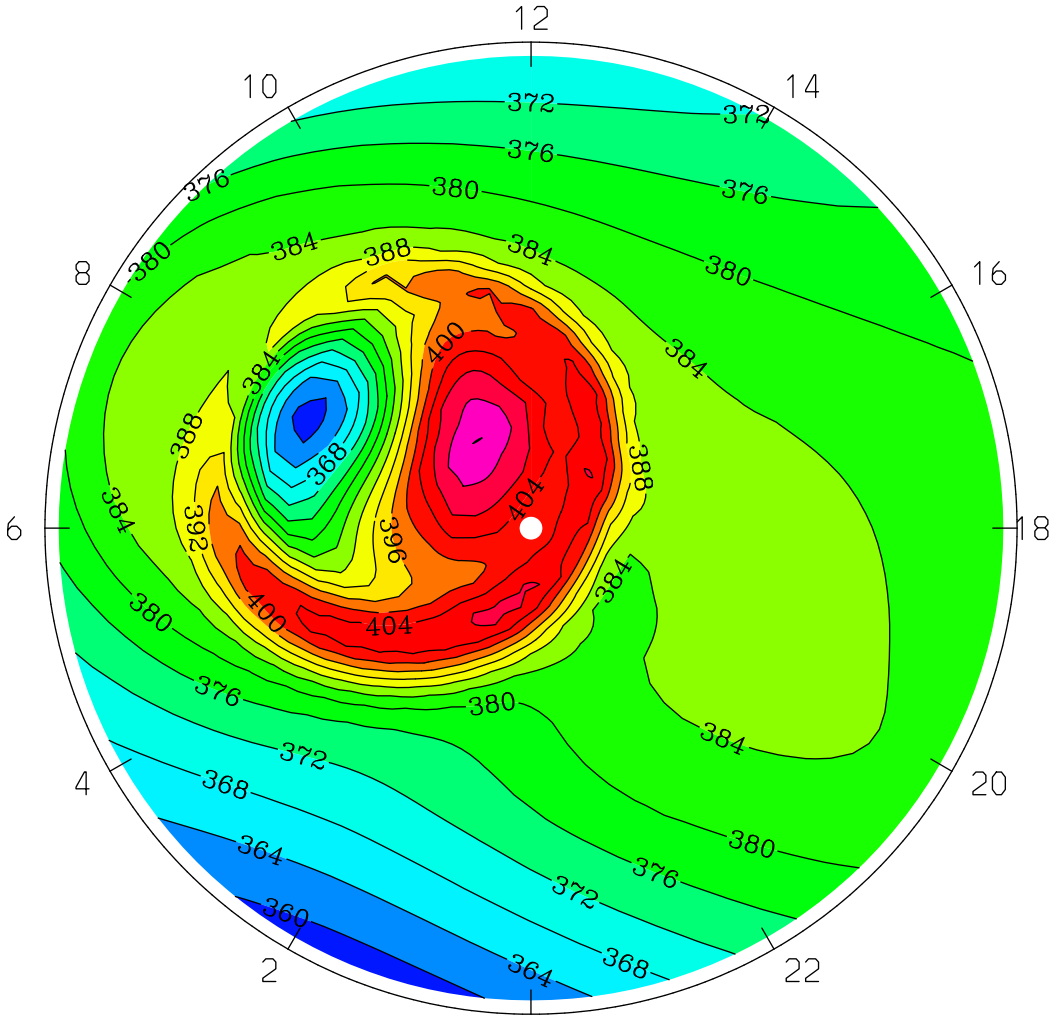

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.875 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.6532E+02 1.8256E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_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
LOCAL TIME
MIN,MAX= 1.7170E+02 1.7879E+02 INTERVAL= 5.0000E-01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 1.6547E+02 1.8098E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

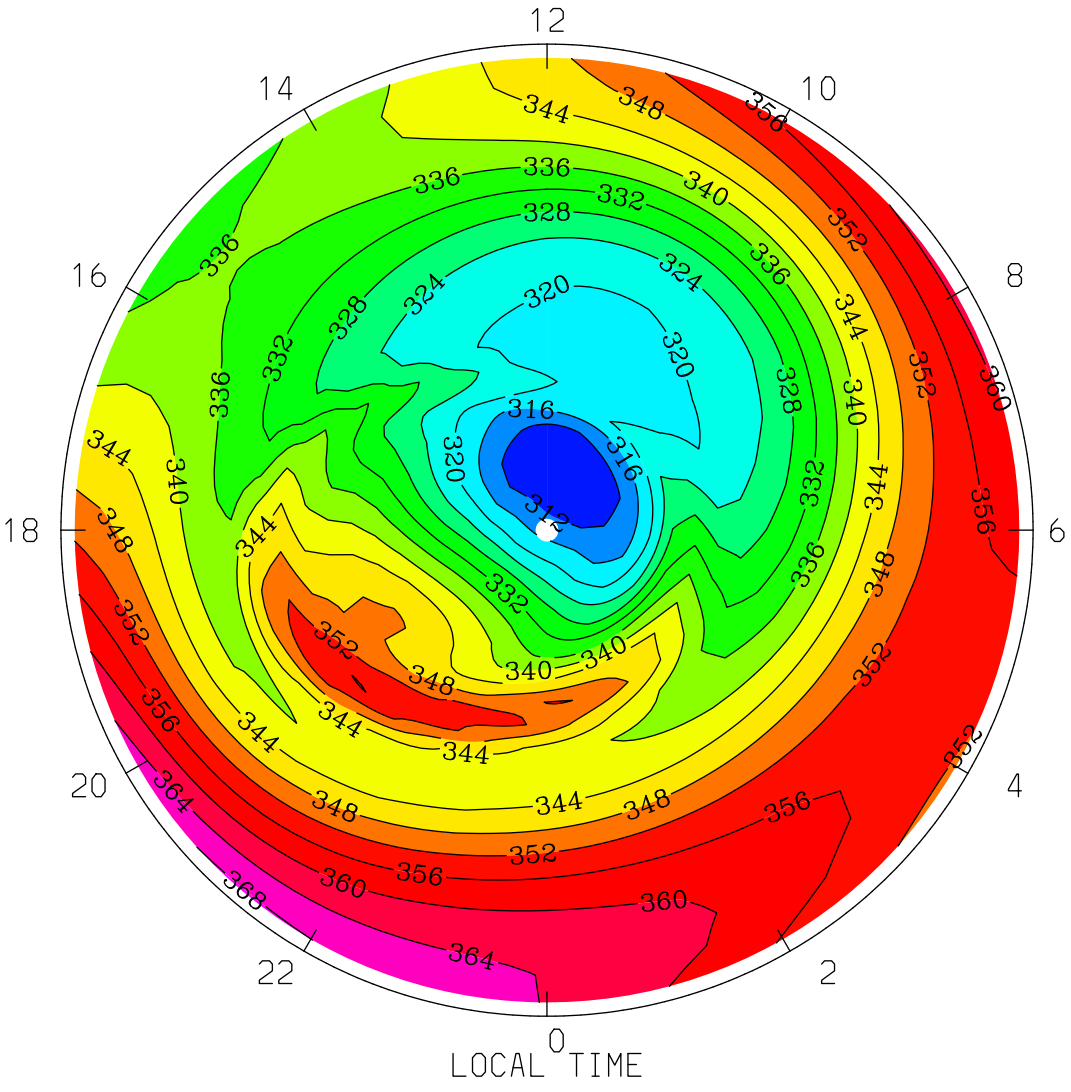

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 116.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.9877E+02 4.1609E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 116.2 PERIM-LAT=-40.0



LOCAL TIME

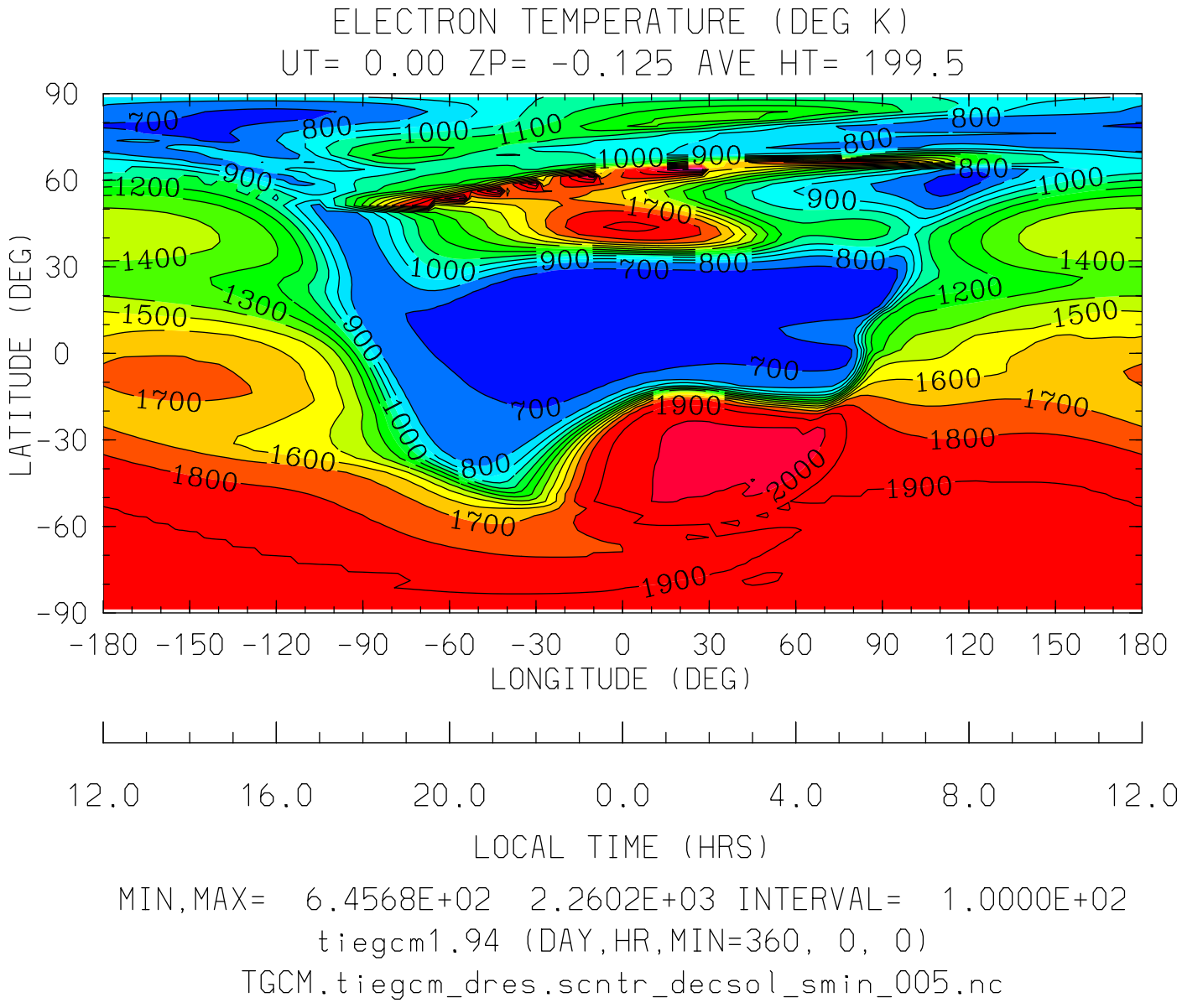
MIN,MAX= 3.5798E+02 4.1609E+02 INTERVAL= 4.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

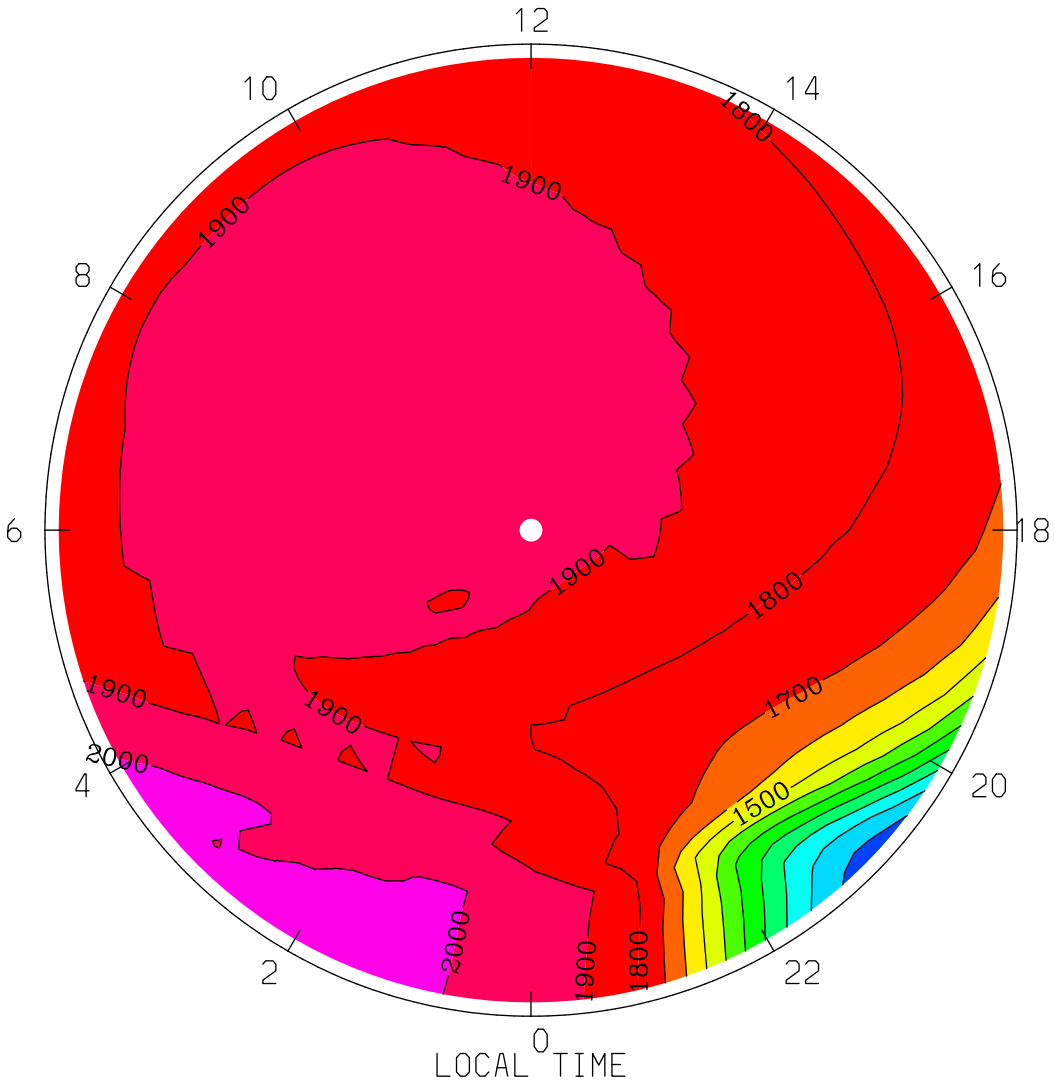


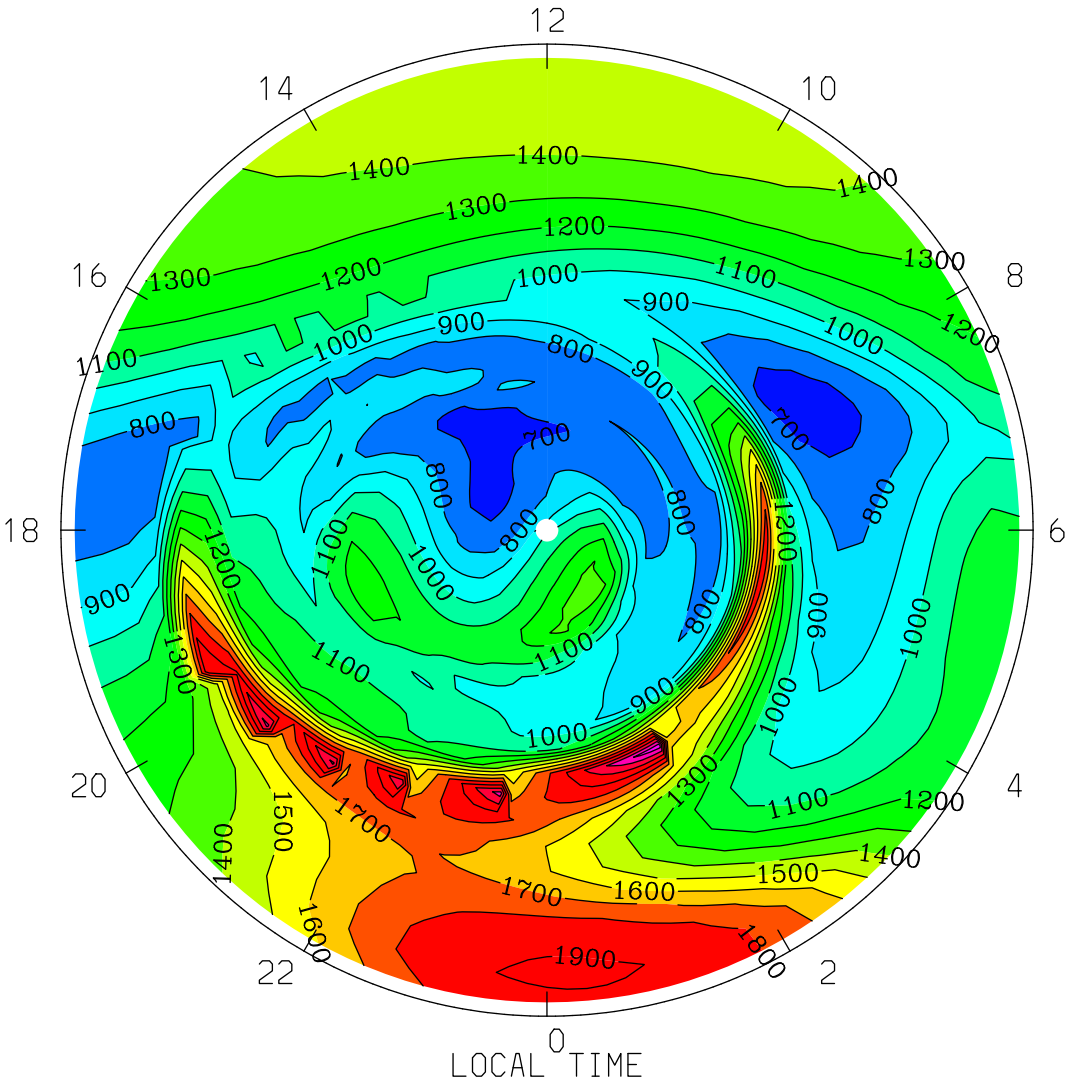
MIN,MAX= 3.0853E+02 3.6835E+02 INTERVAL= 4.0000E+00

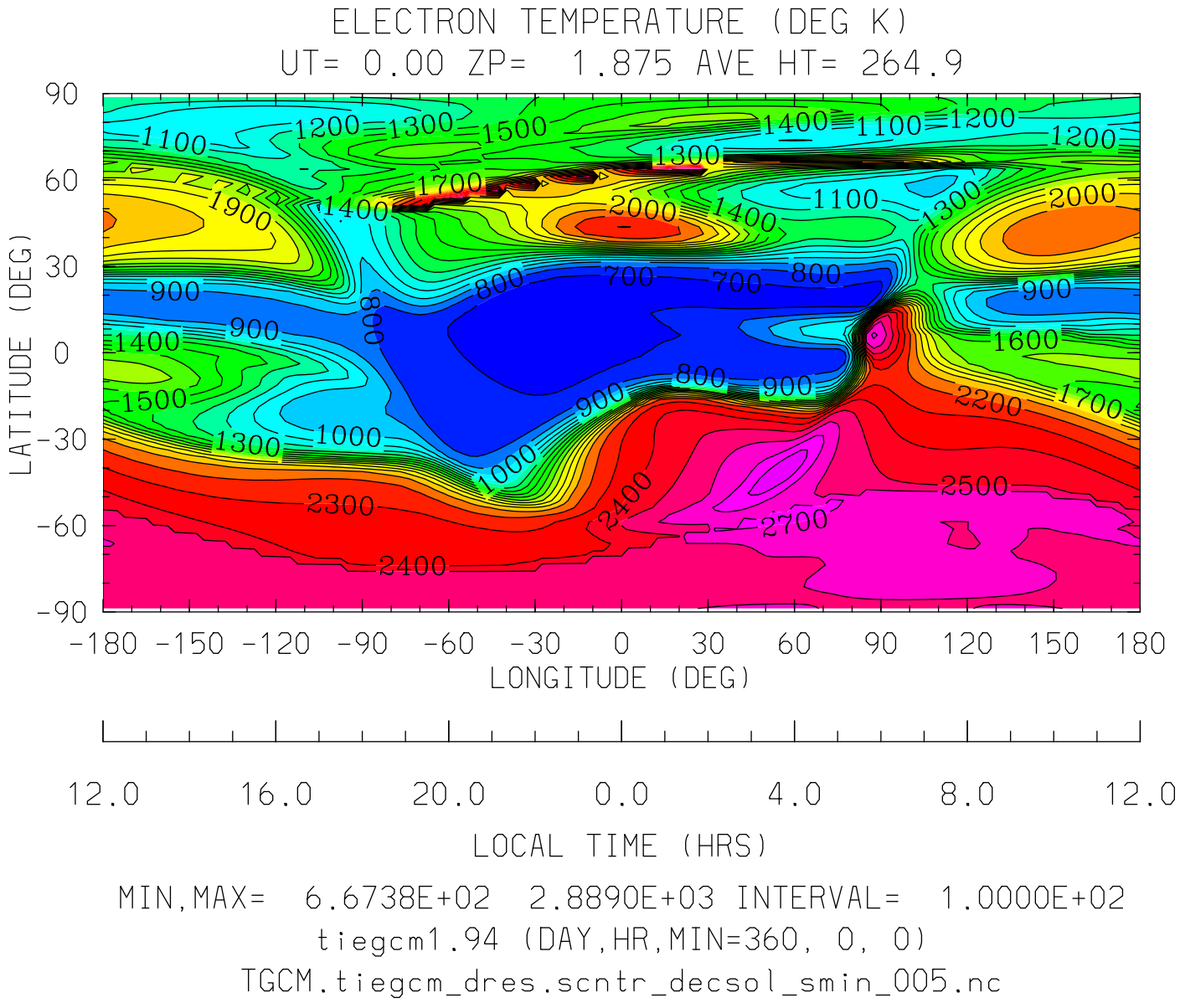
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

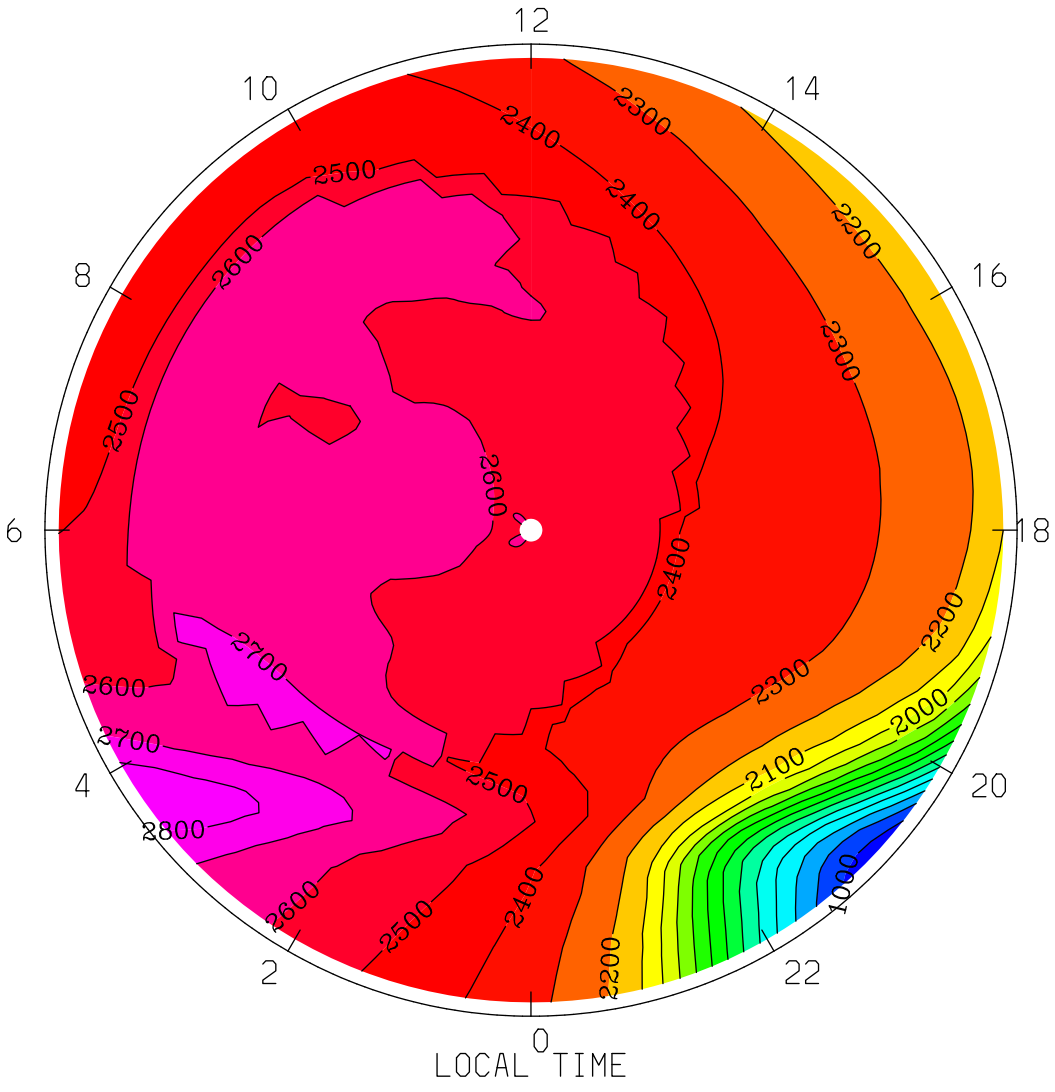
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 199.5
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= 6.4568E+02 2.2602E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 199.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
1800
1900
2000
1700
1500
LOCAL TIME
MIN,MAX= 8.4502E+02 2.0728E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 199.5 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 6.5527E+02 2.2602E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

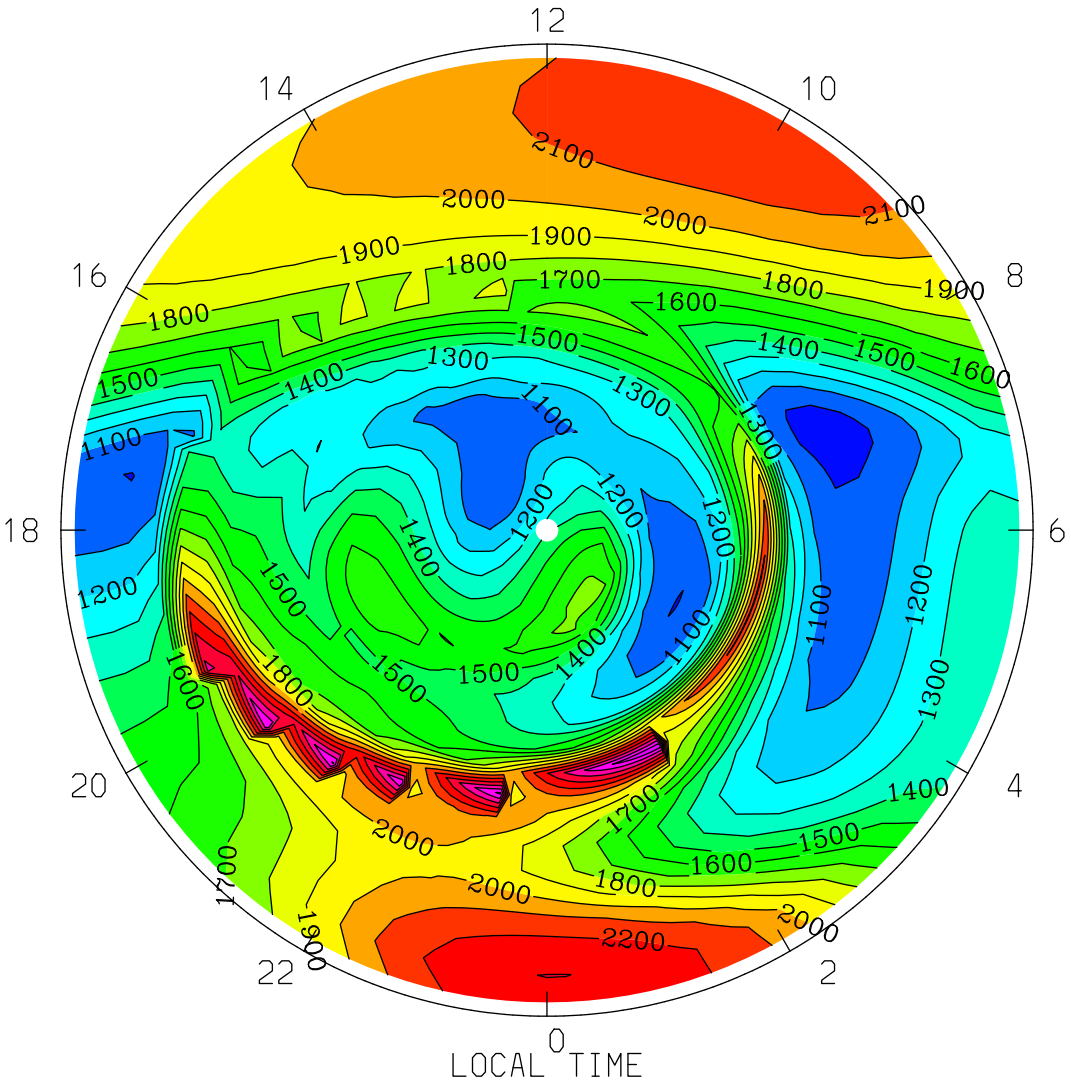

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 264.9
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 6.6738E+02 2.8890E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

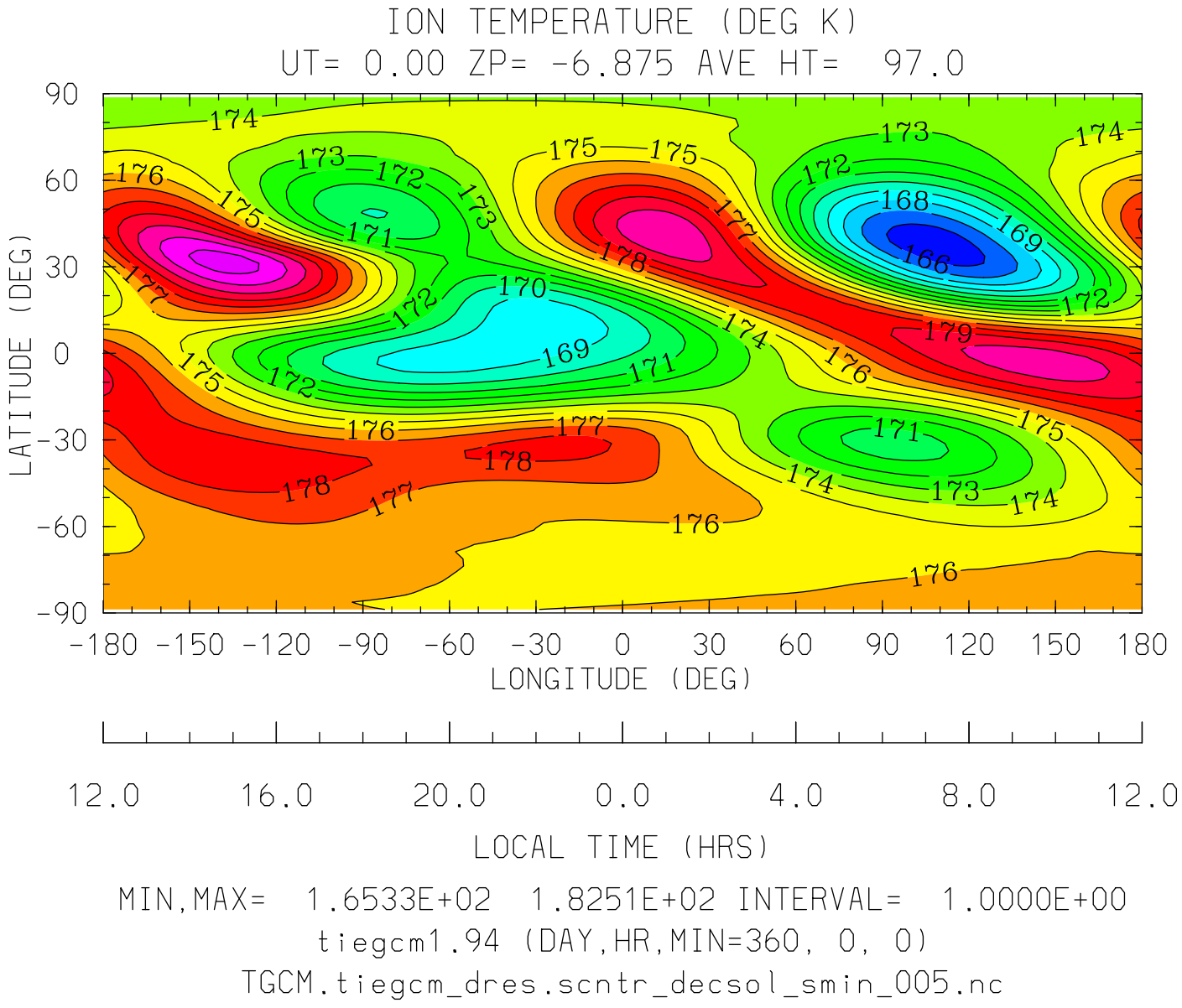


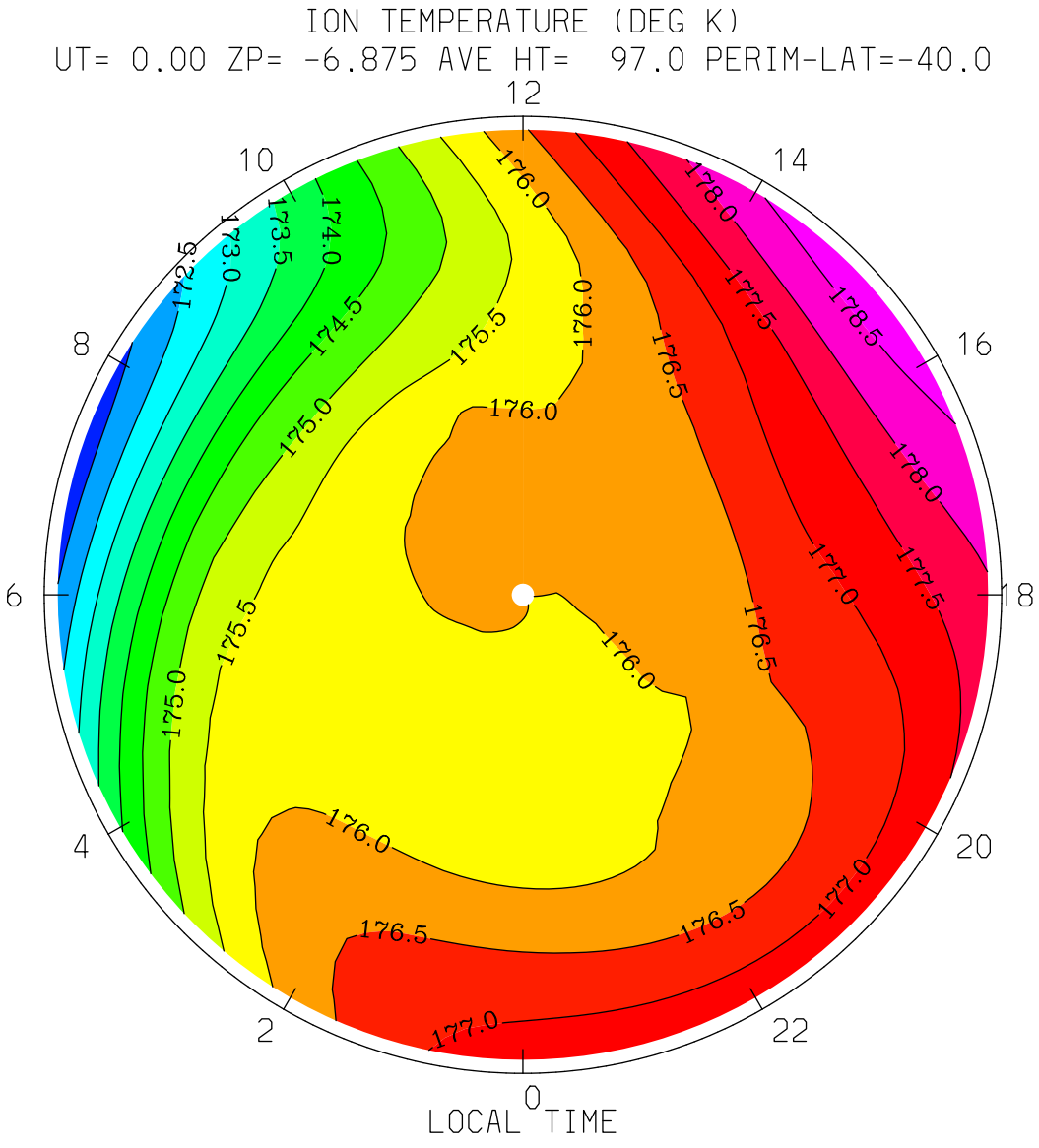
MIN,MAX= 9.3507E+02 2.8890E+03 INTERVAL= 1.0000E+02

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 264.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 9.5668E+02 2.6713E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

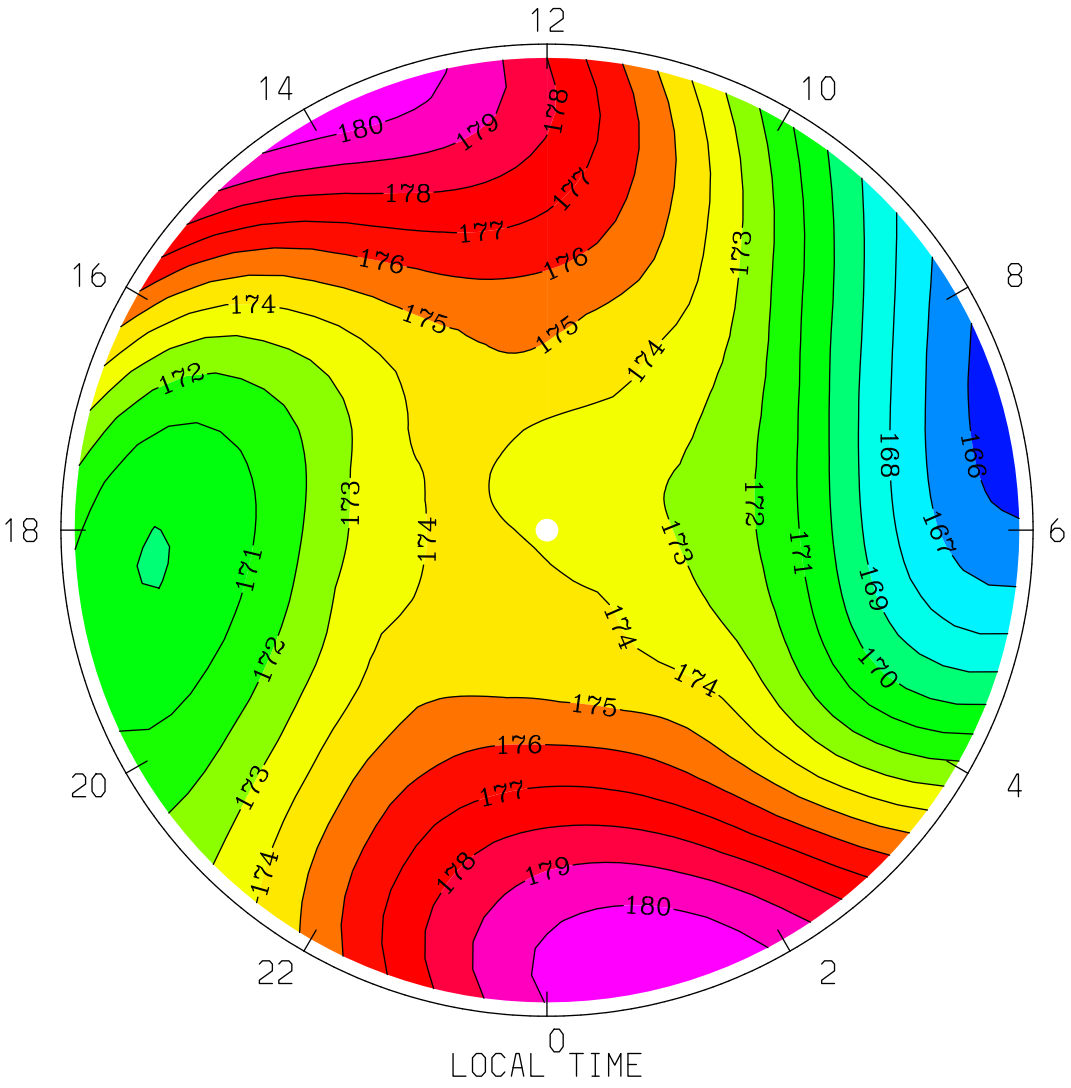

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.875 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.6533E+02 1.8251E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.7170E+02 1.7878E+02 INTERVAL= 5.0000E-01

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

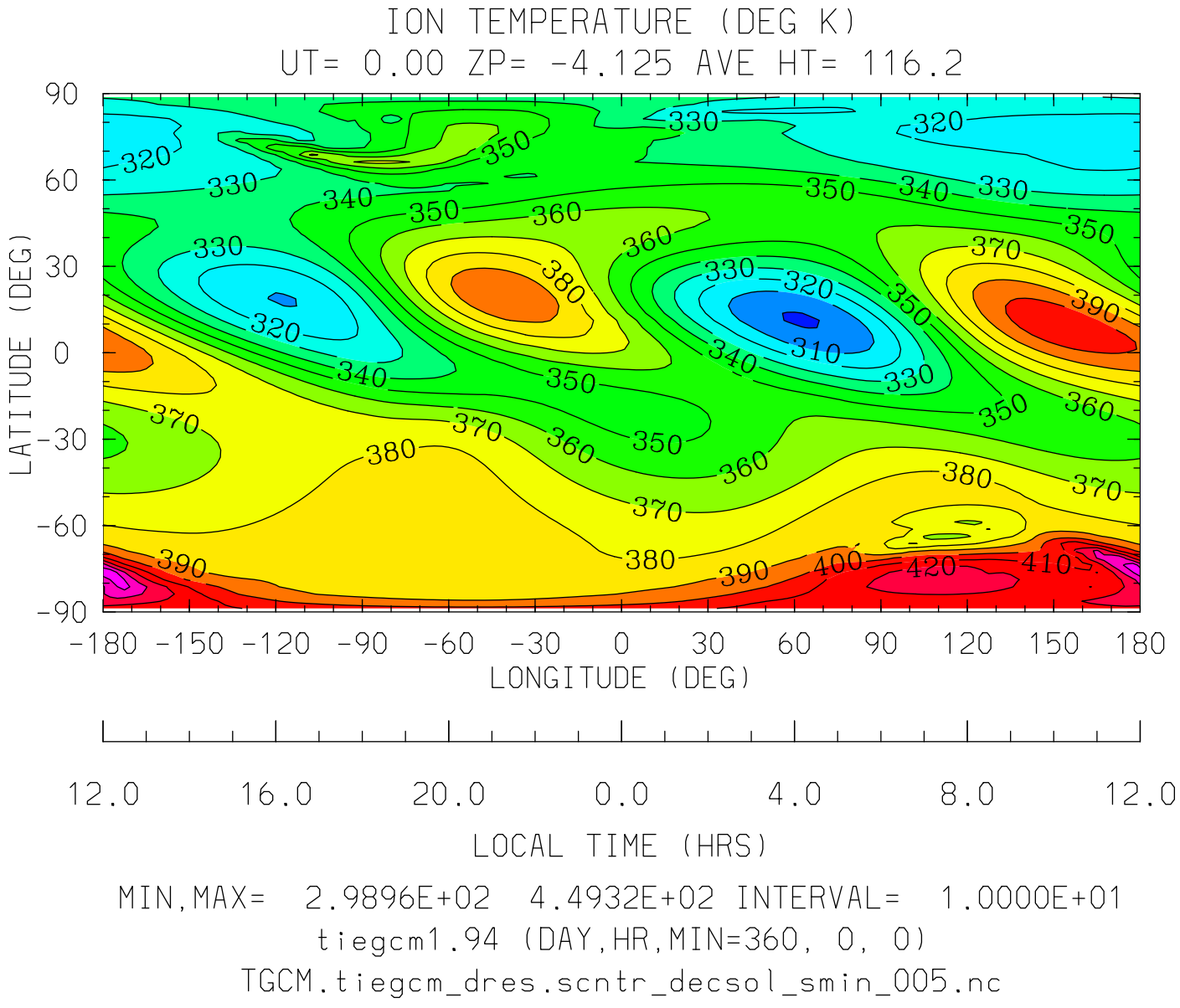
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

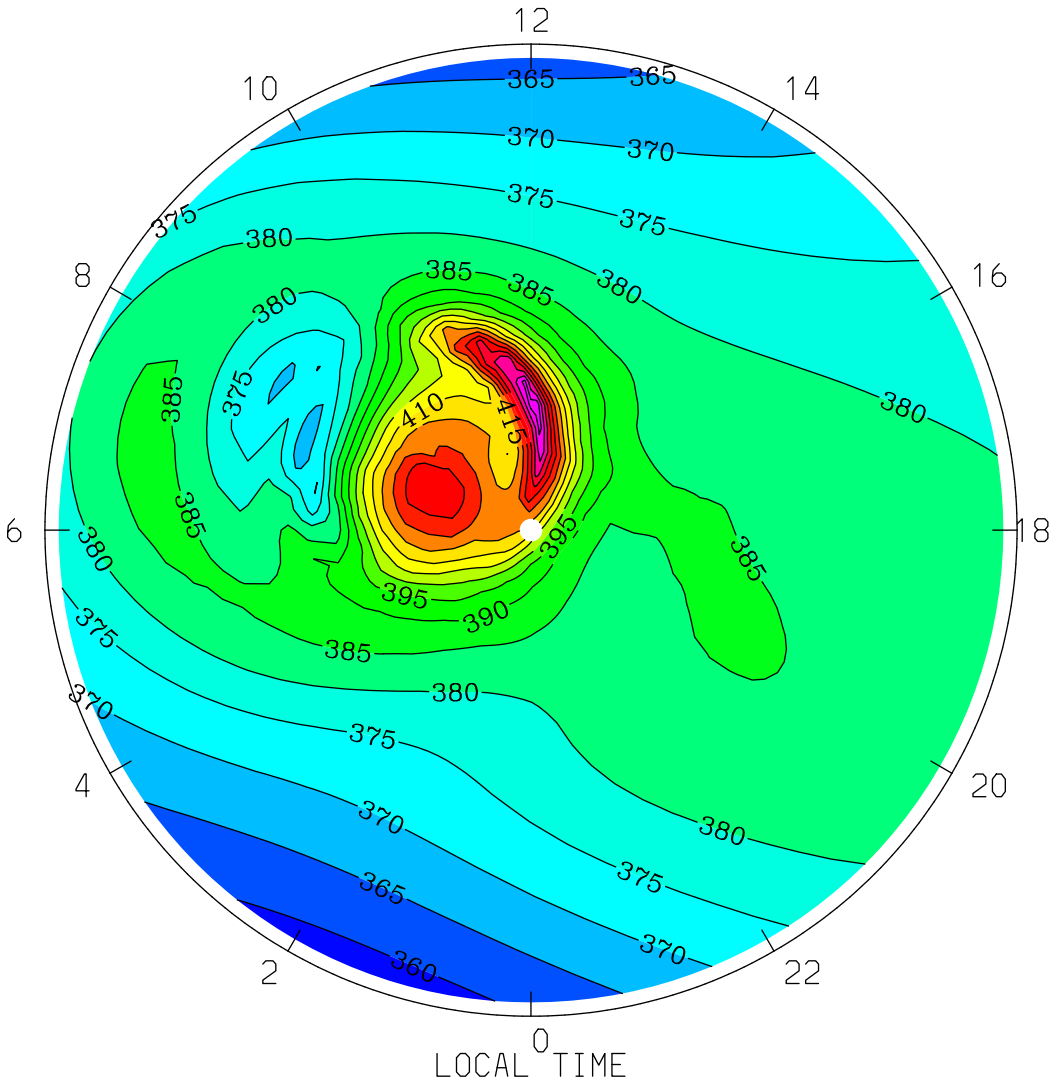


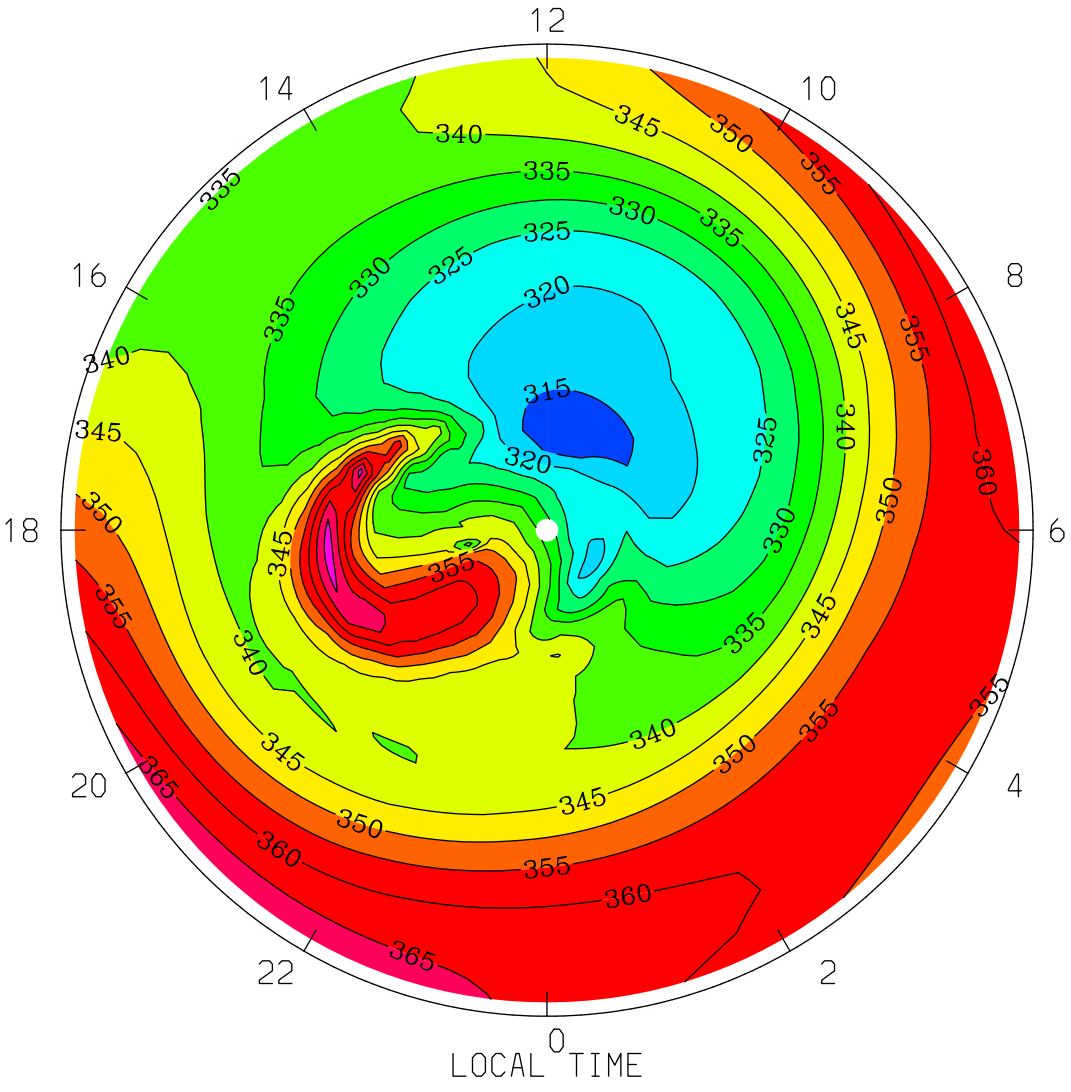
MIN,MAX= 1.6547E+02 1.8093E+02 INTERVAL= 1.0000E+00

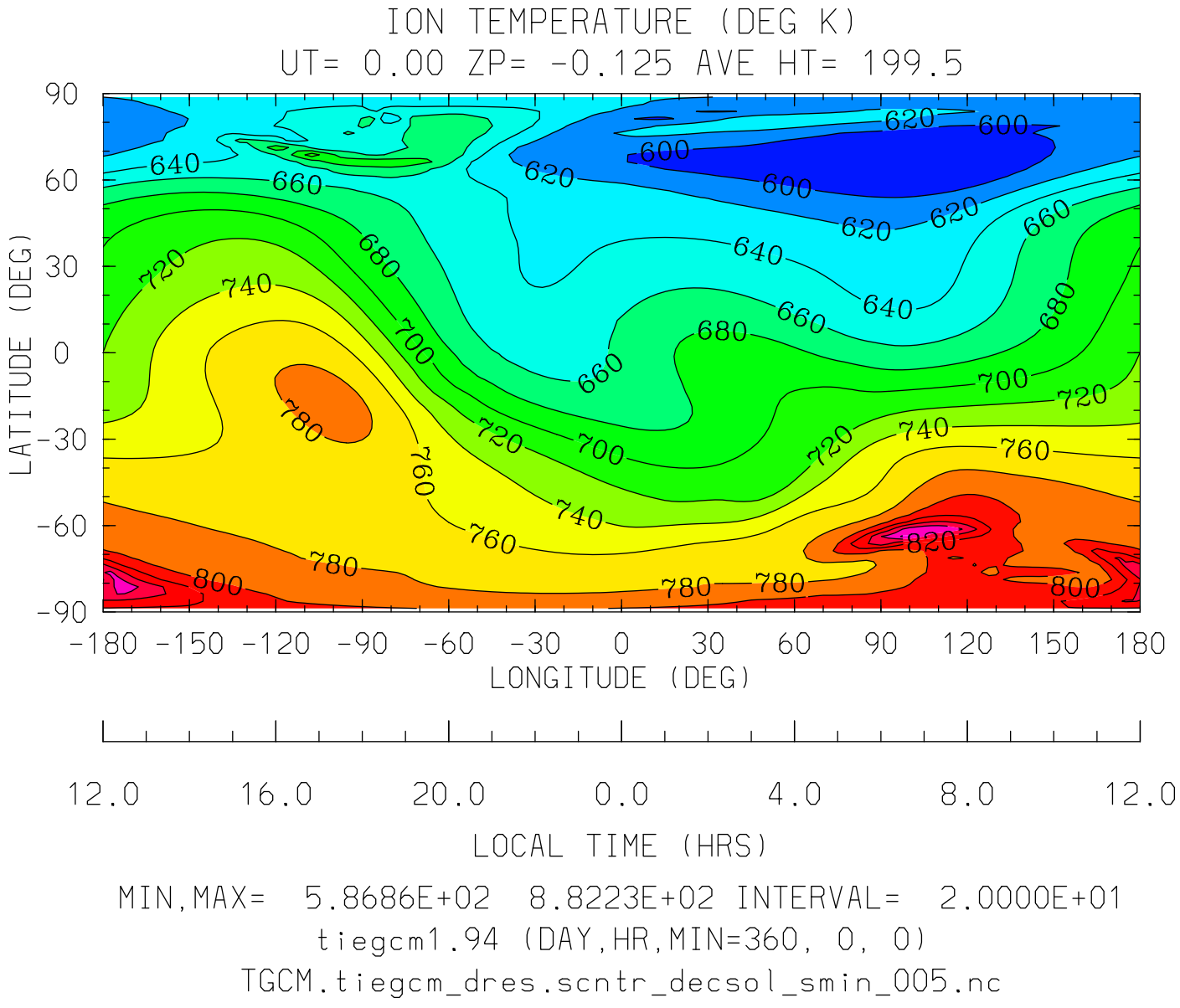
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

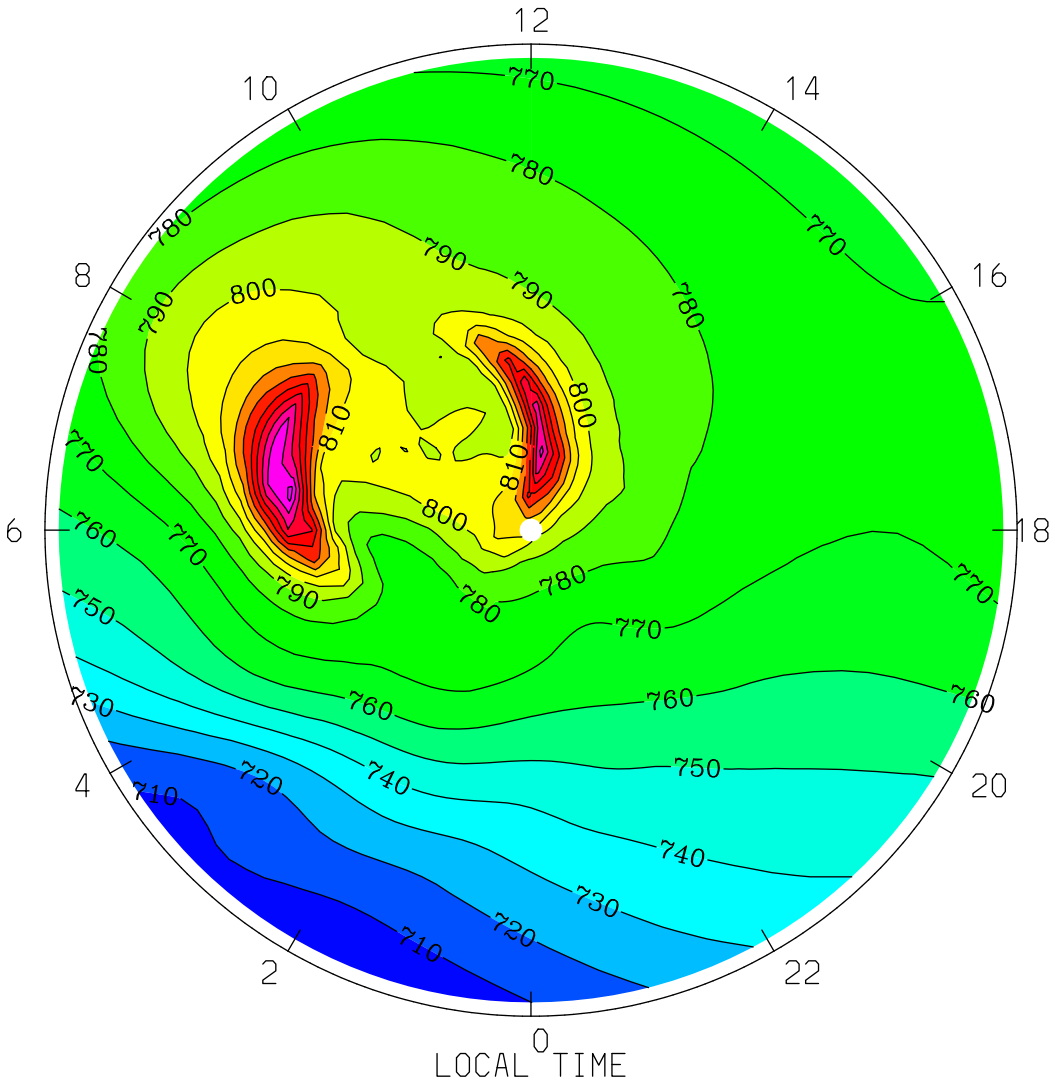
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 116.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.9896E+02 4.4932E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 116.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
365
370
375
380
385
390
395
410
415
LOCAL TIME
MIN,MAX= 3.5798E+02 4.4932E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 116.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 3.1167E+02 3.7288E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

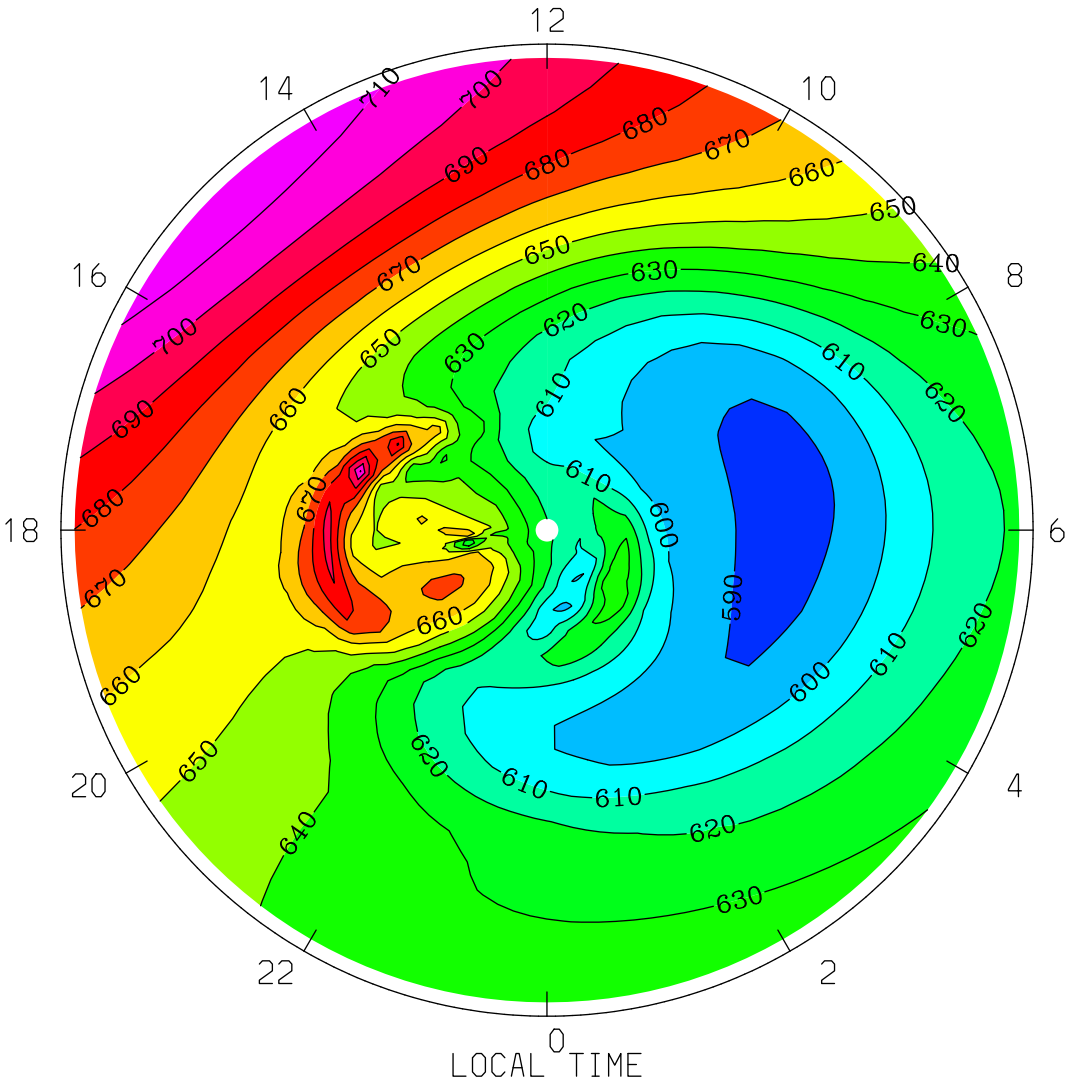

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 199.5
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 5.8686E+02 8.8223E+02 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 7.0192E+02 8.8223E+02 INTERVAL= 1.0000E+01

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

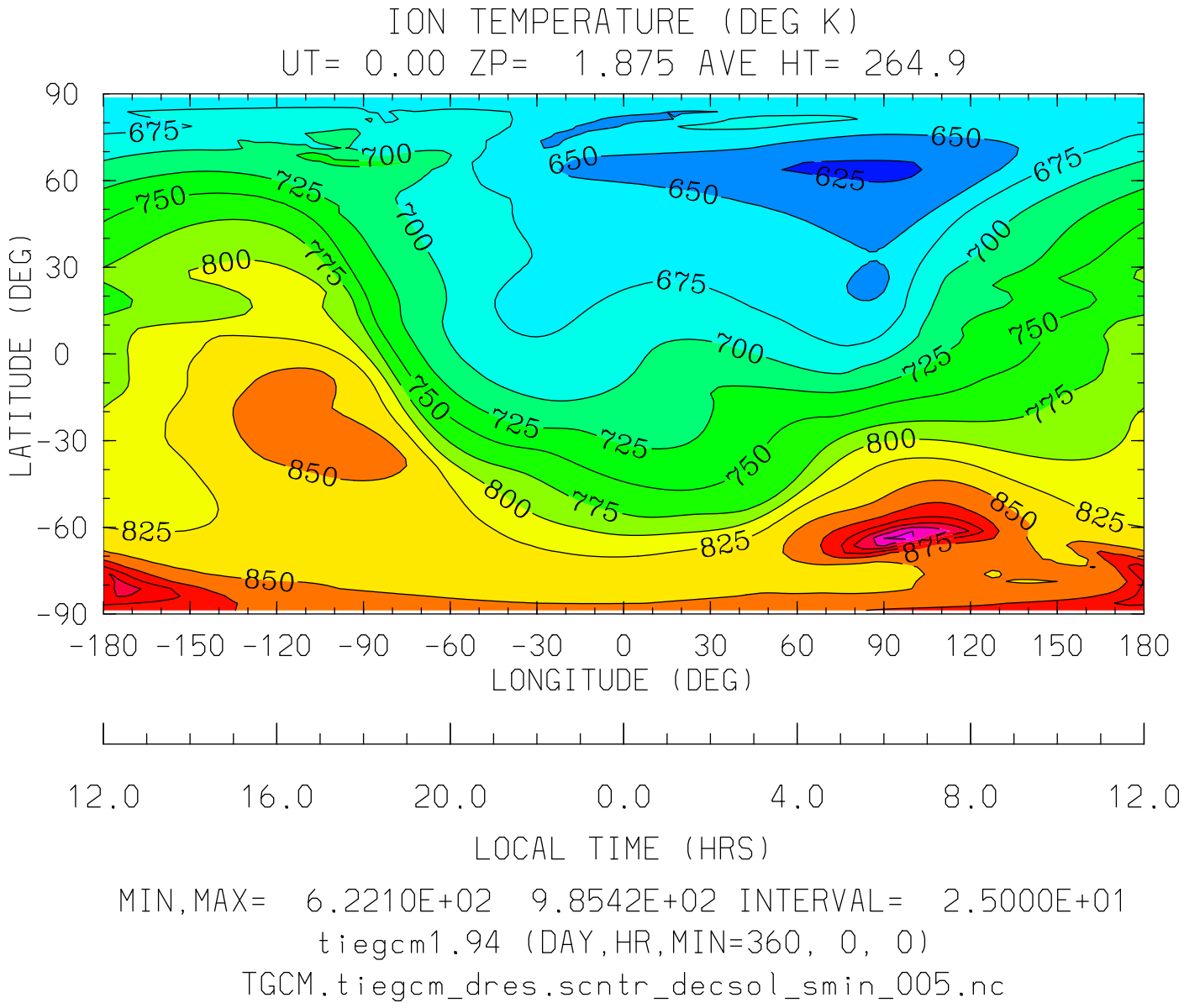
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 5.8686E+02 7.1770E+02 INTERVAL= 1.0000E+01

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

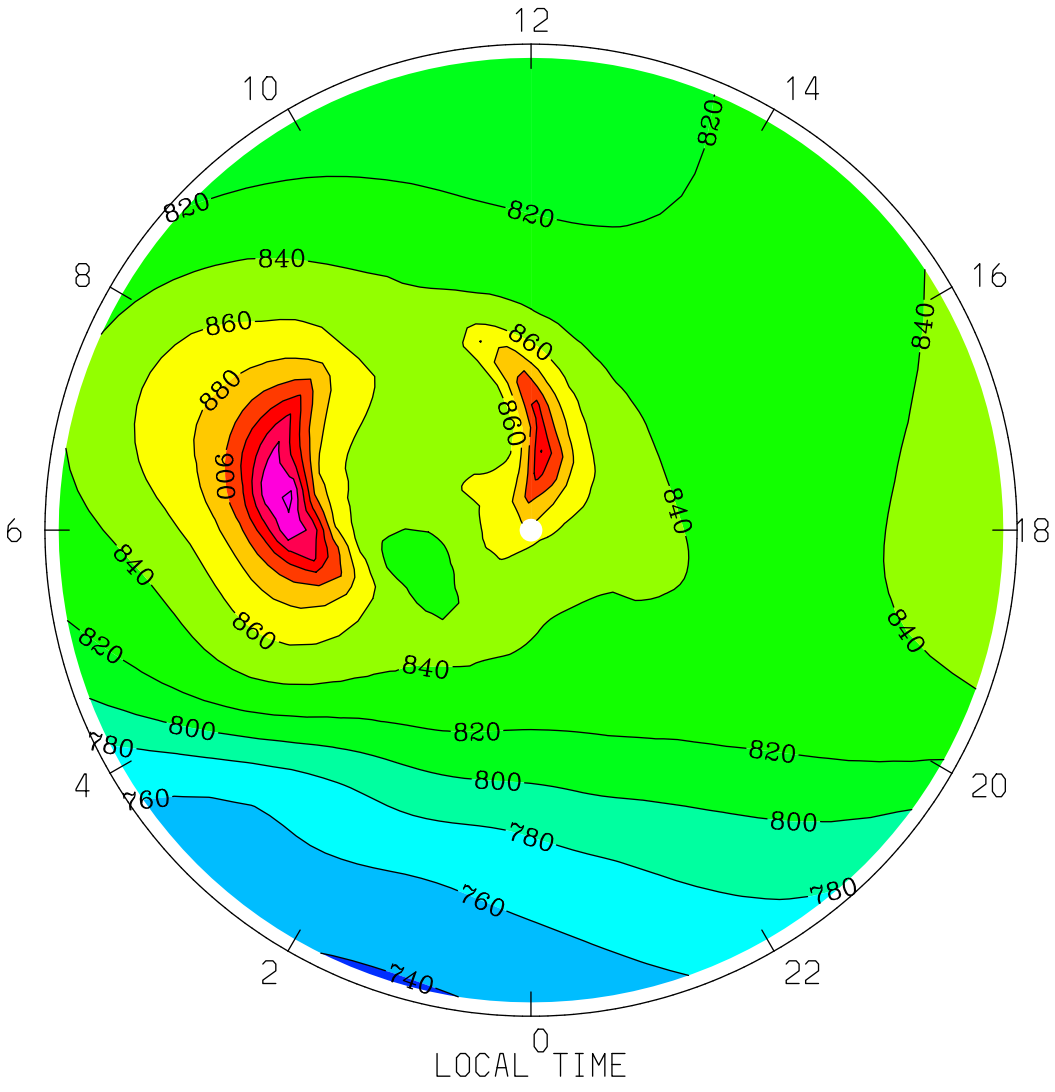


MIN,MAX= 6.2210E+02 9.8542E+02 INTERVAL= 2.5000E+01

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

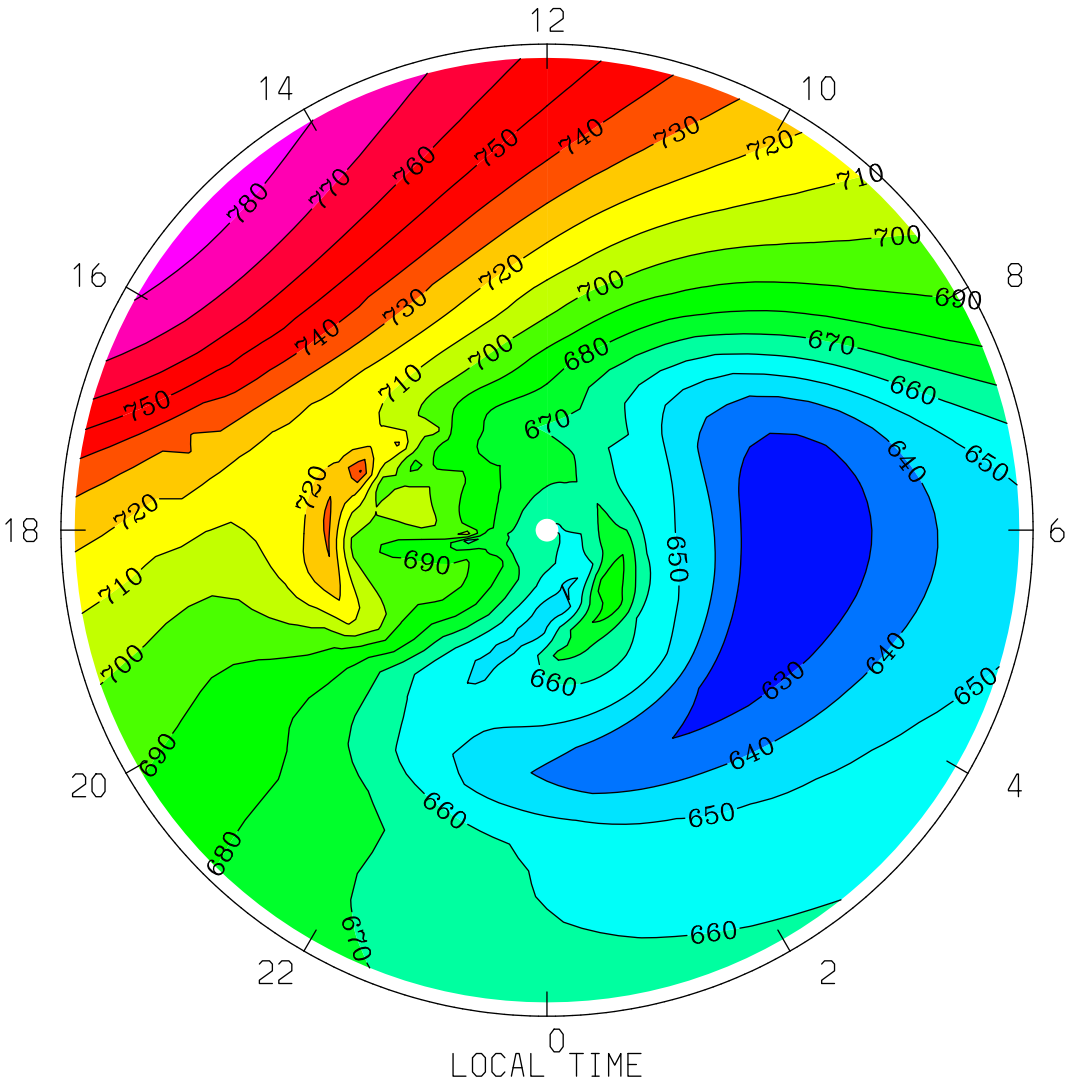
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 264.9 PERIM-LAT=-40.0



LOCAL TIME

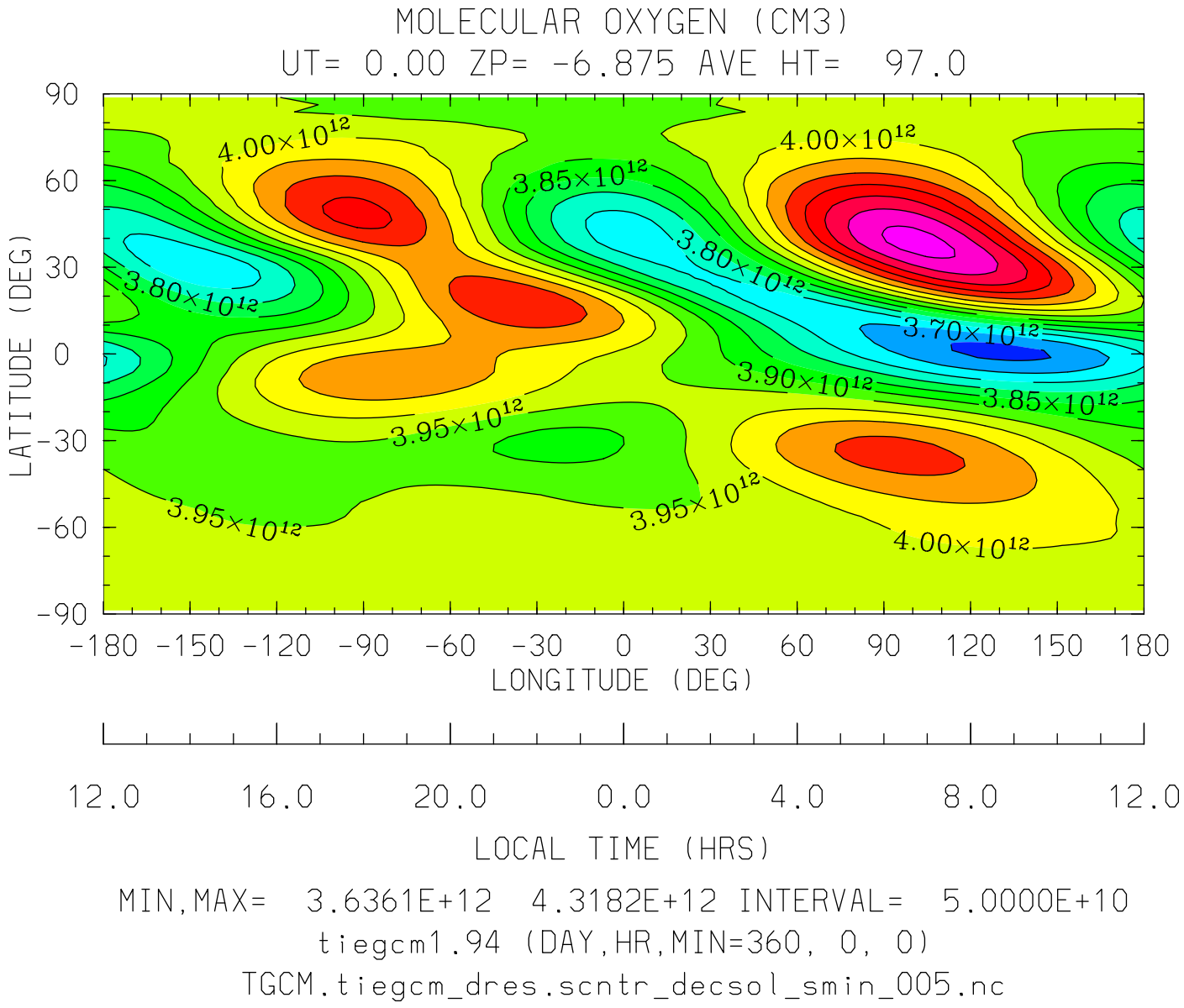
MIN,MAX= 7.3860E+02 9.8542E+02 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 6.2210E+02 7.8520E+02 INTERVAL= 1.0000E+01

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

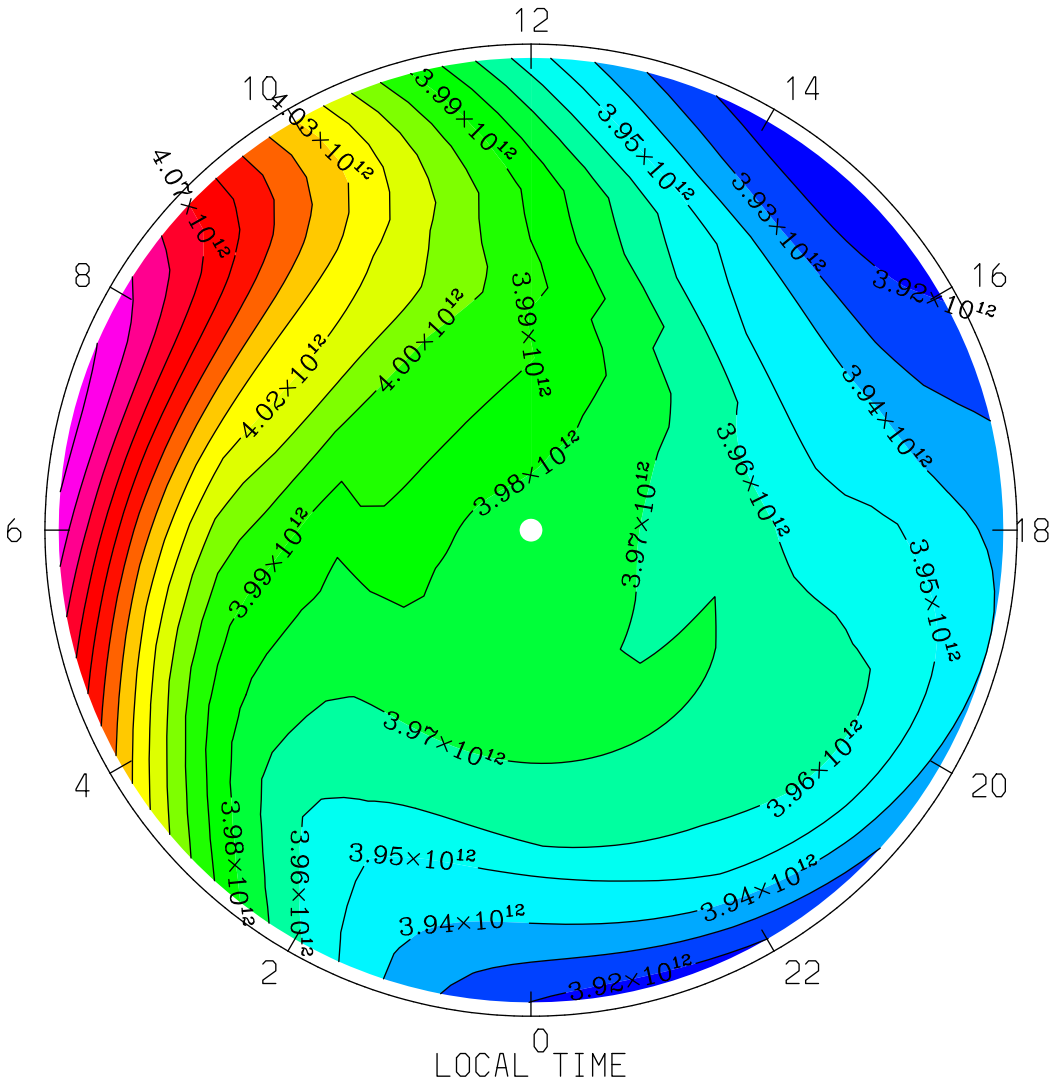
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

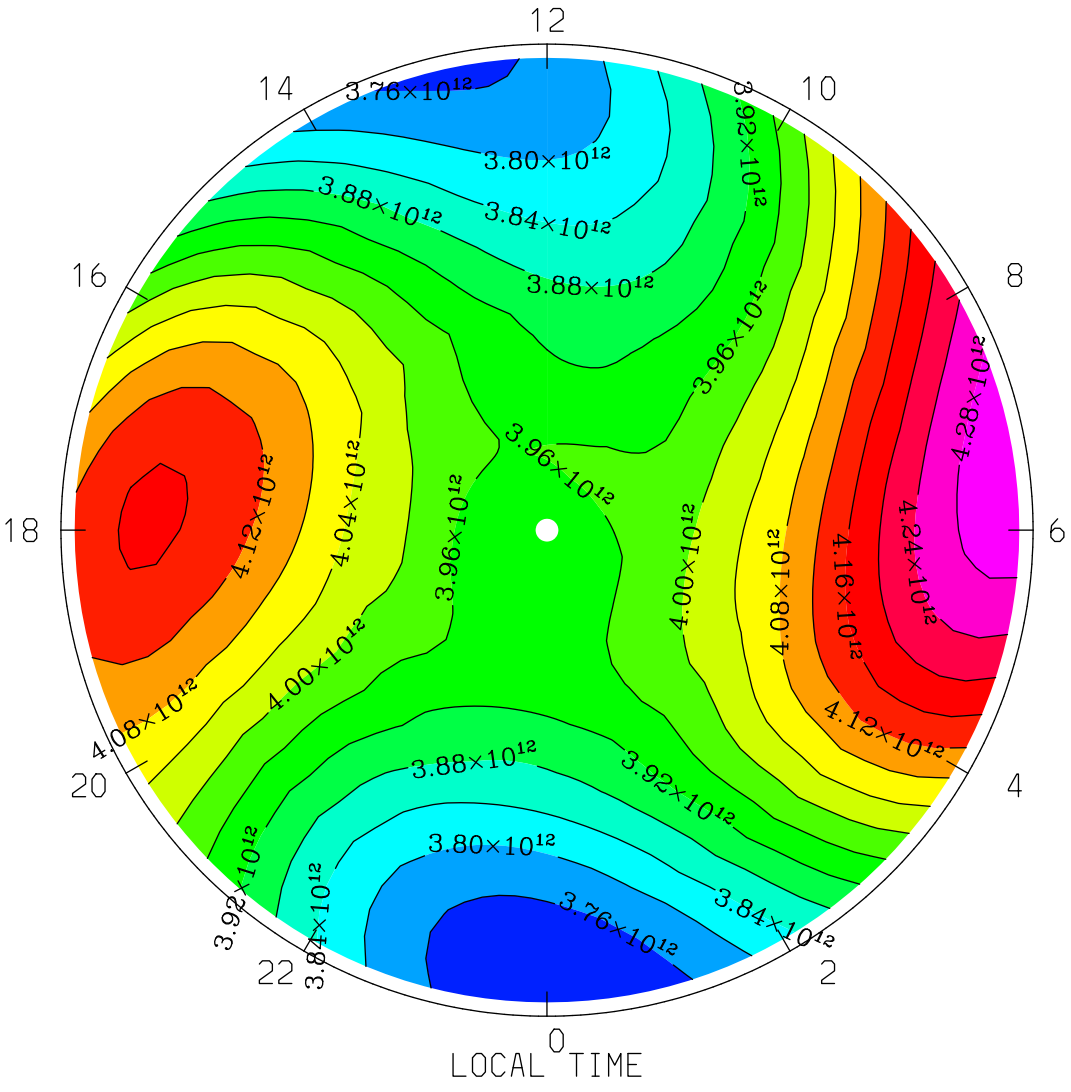


MIN,MAX= 3.6361E+12 4.3182E+12 INTERVAL= 5.0000E+10

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

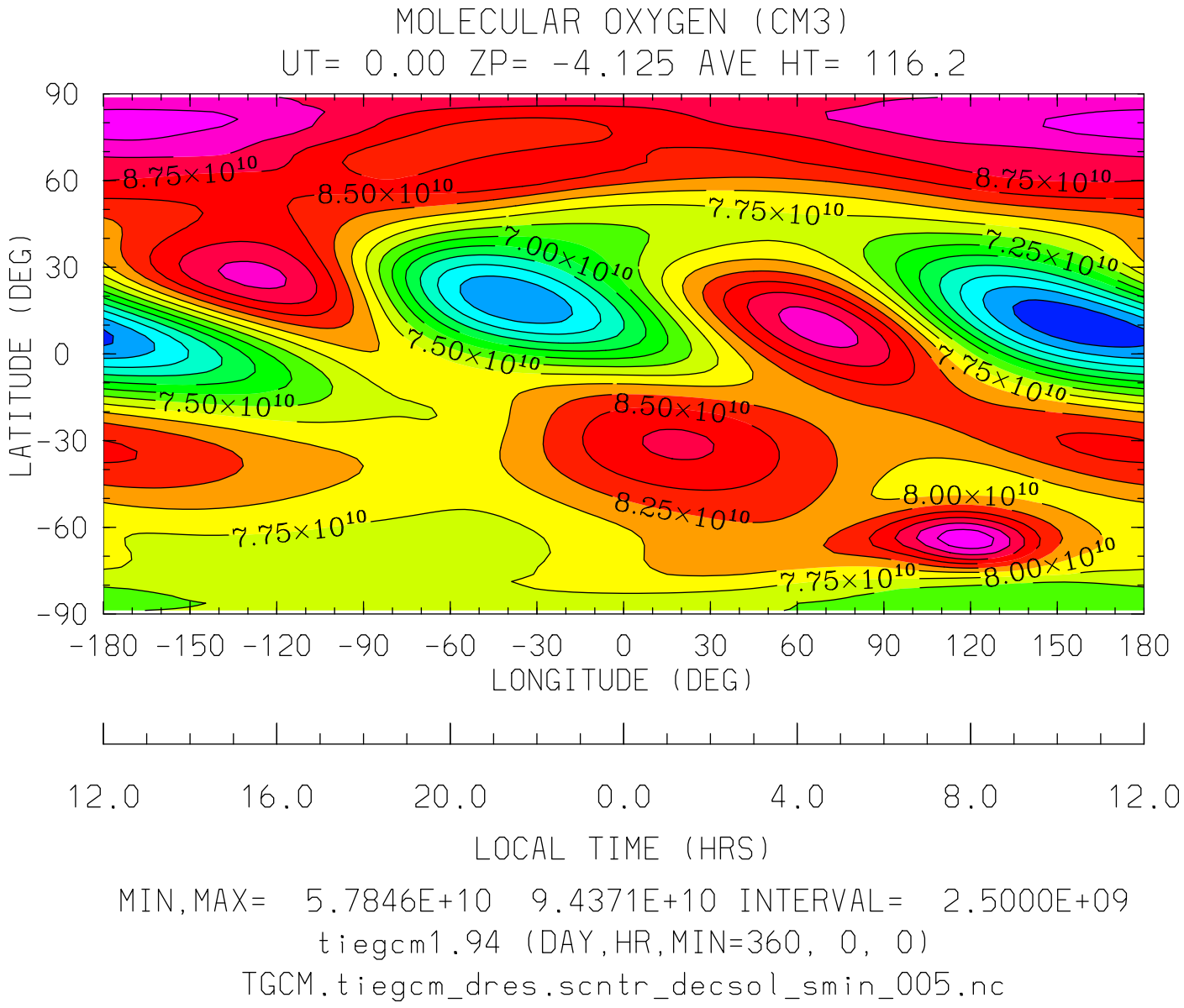

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
14
16
18
20
22
0
2
4
6
8
10
4.07×10¹²
4.03×10¹²
4.02×10¹²
4.00×10¹²
3.99×10¹²
3.98×10¹²
3.97×10¹²
3.96×10¹²
3.95×10¹²
3.94×10¹²
3.93×10¹²
3.92×10¹²
LOCAL TIME
MIN,MAX= 3.9127E+12 4.1036E+12 INTERVAL= 1.0000E+10
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 3.7262E+12 4.3139E+12 INTERVAL= 4.0000E+10

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

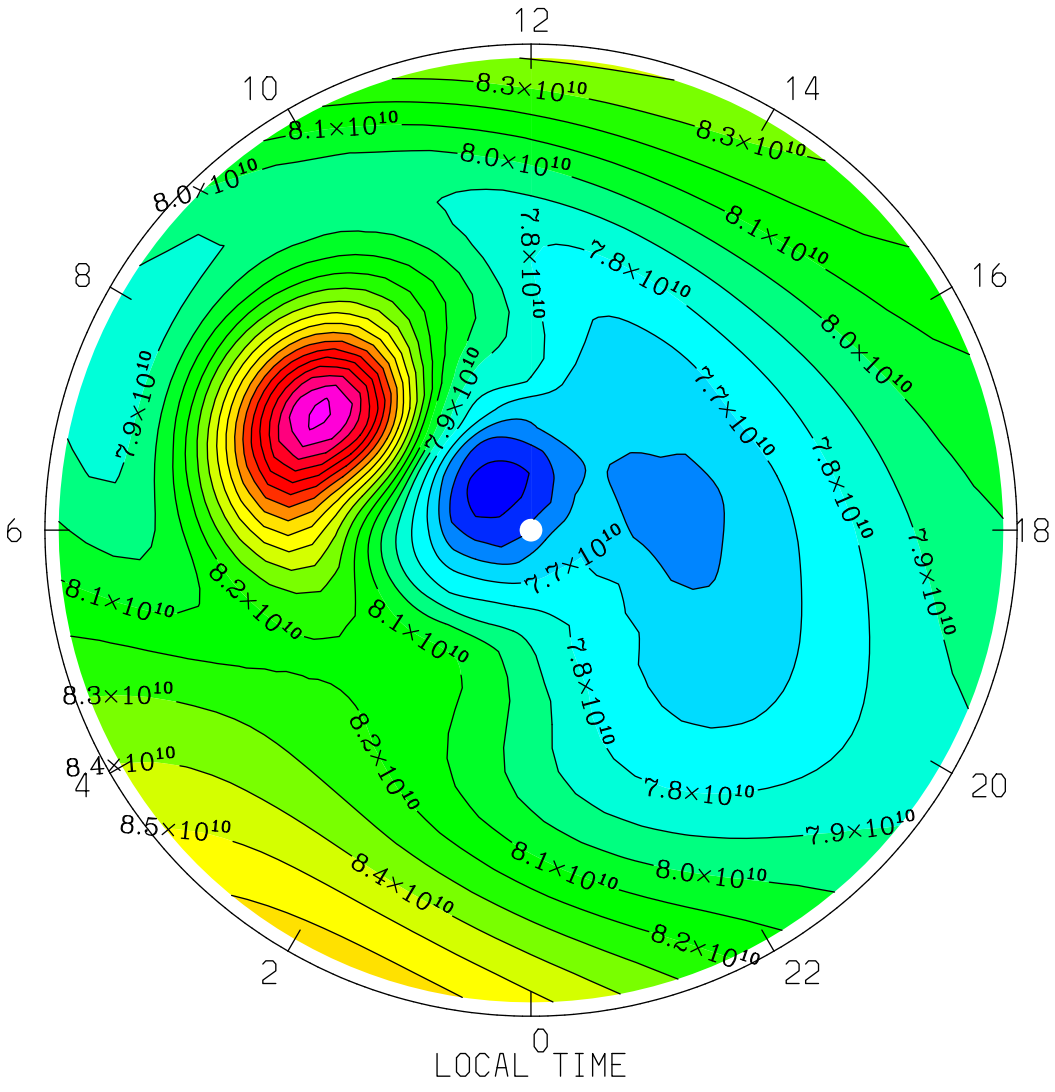
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 5.7846E+10 9.4371E+10 INTERVAL= 2.5000E+09

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

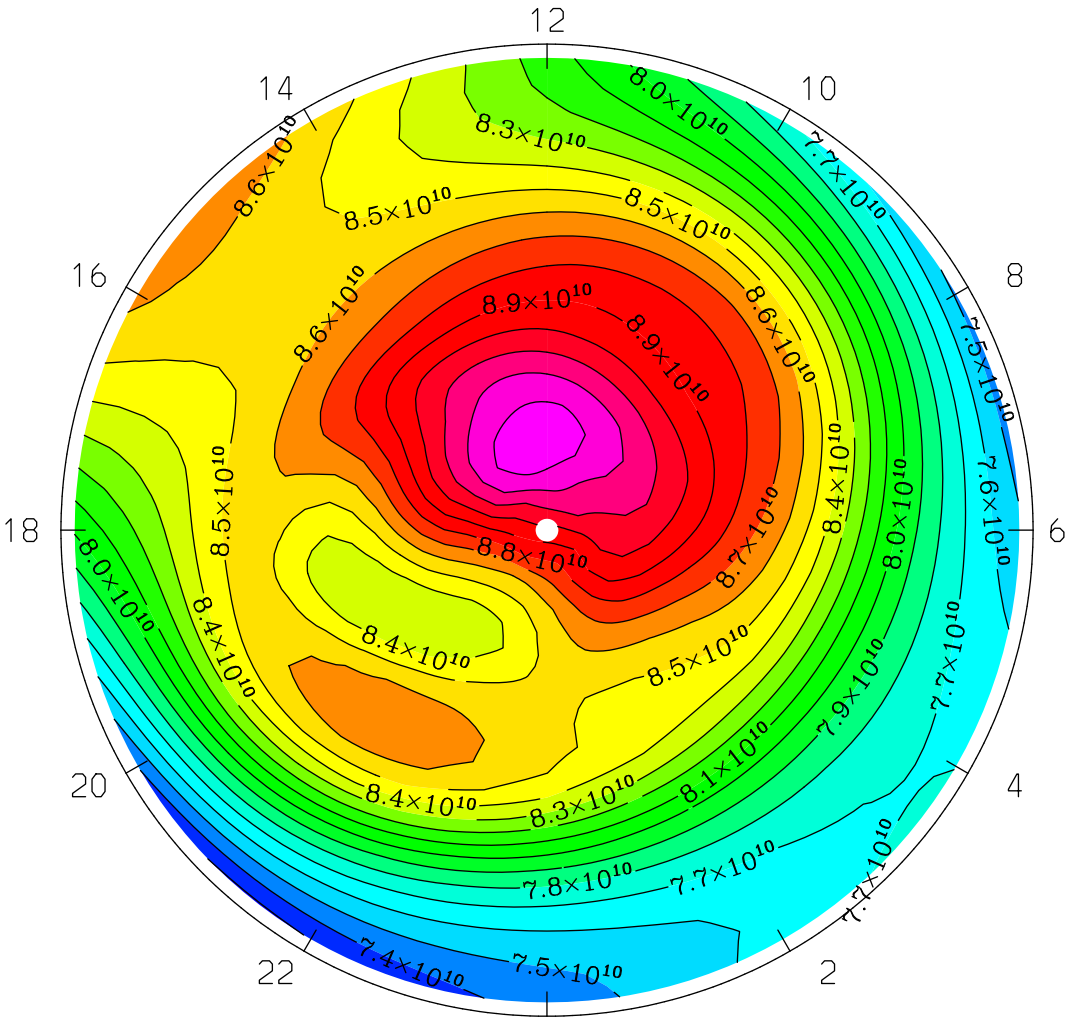


MIN,MAX= 7.3300E+10 9.4371E+10 INTERVAL= 1.0000E+09

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

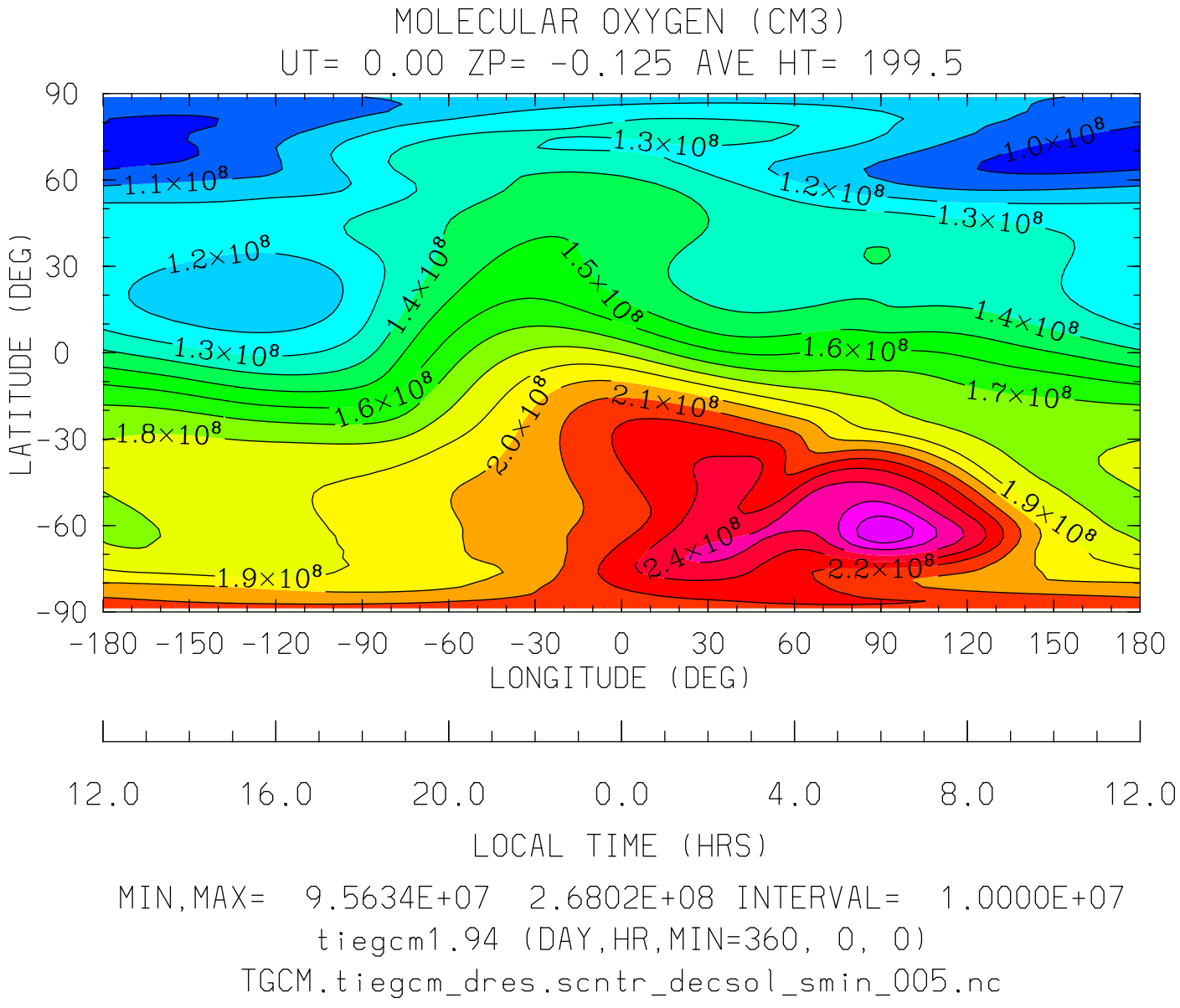
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 116.2 PERIM-LAT= 40.0



LOCAL TIME

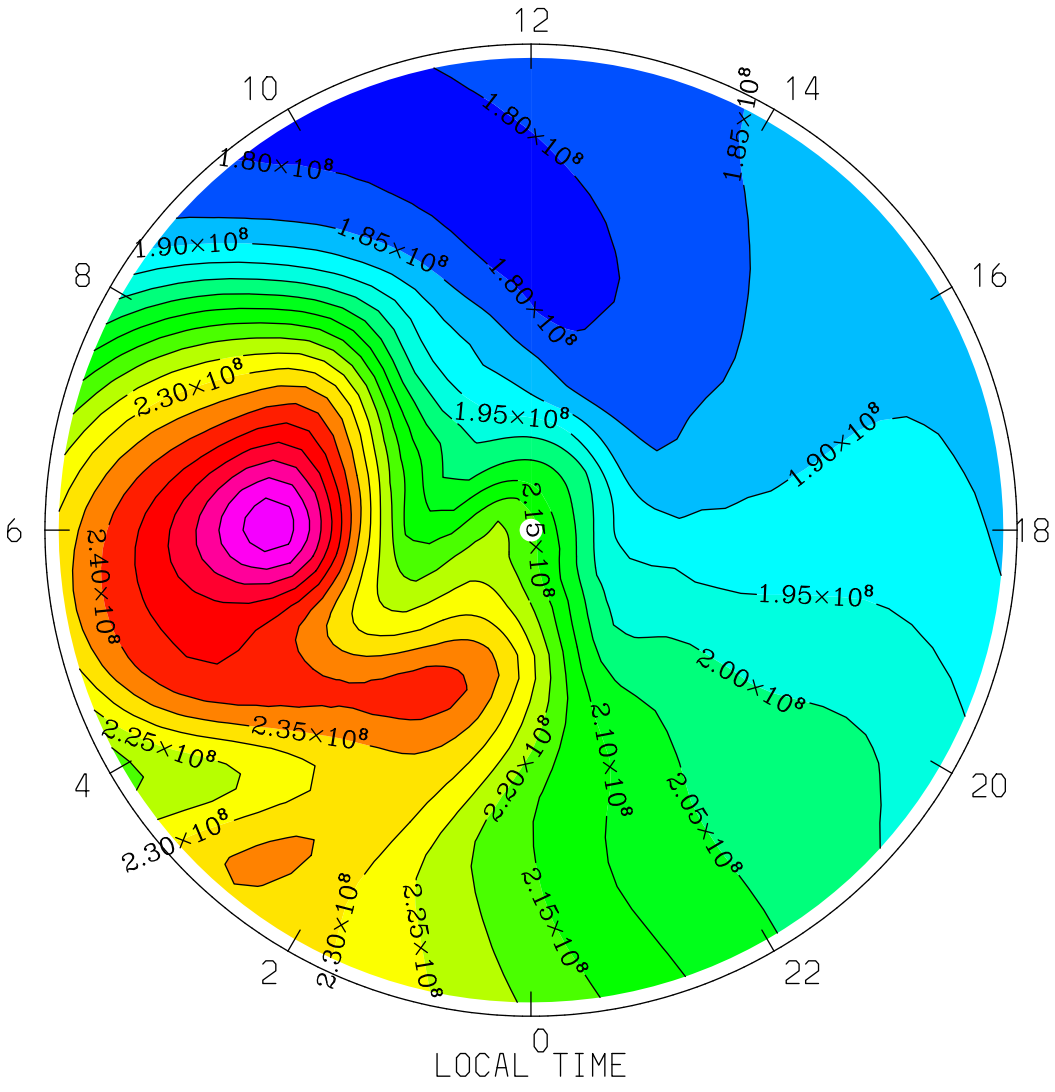
MIN,MAX= 7.2892E+10 9.3705E+10 INTERVAL= 1.0000E+09
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 9.5634E+07 2.6802E+08 INTERVAL= 1.0000E+07

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

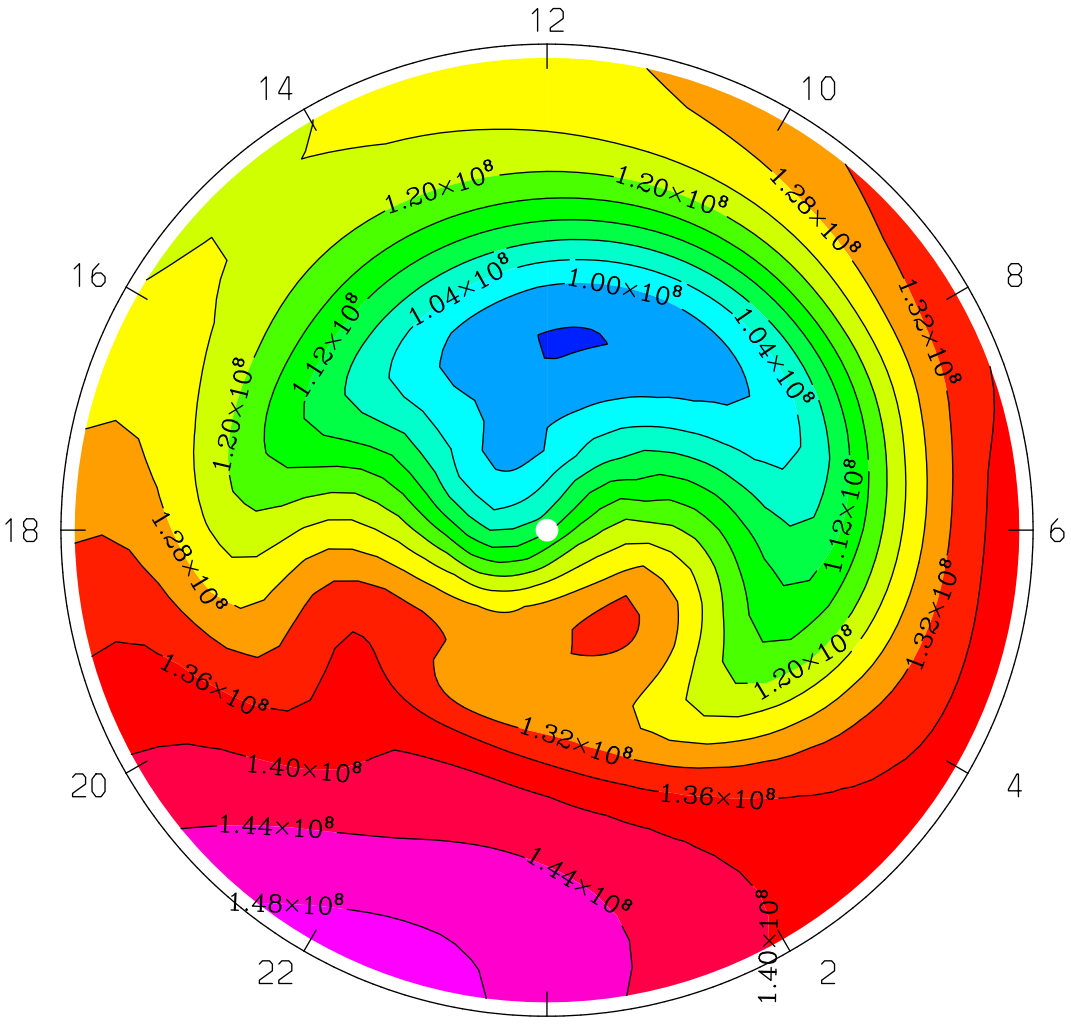


MIN,MAX= 1.7840E+08 2.6802E+08 INTERVAL= 5.0000E+06

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

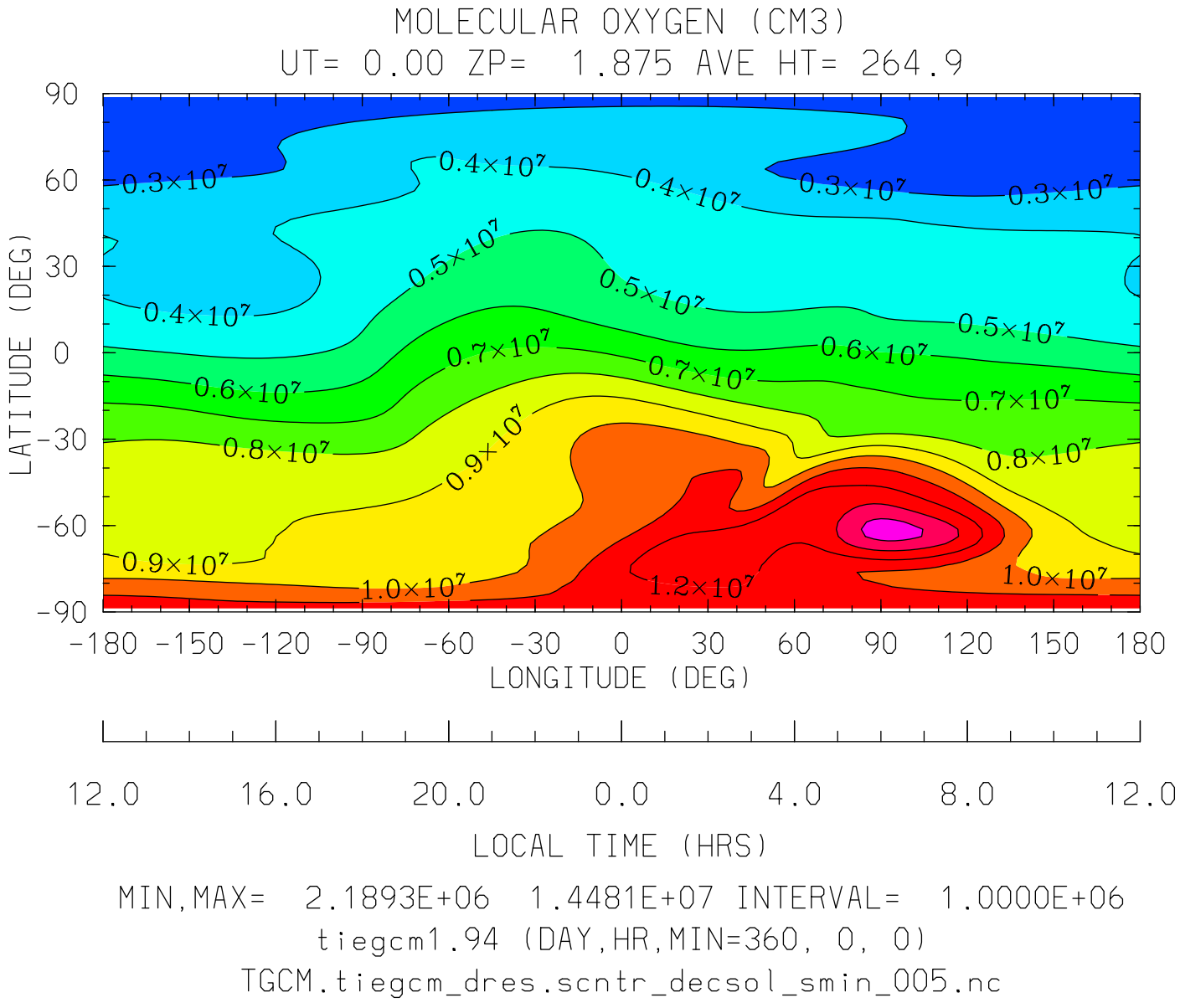
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

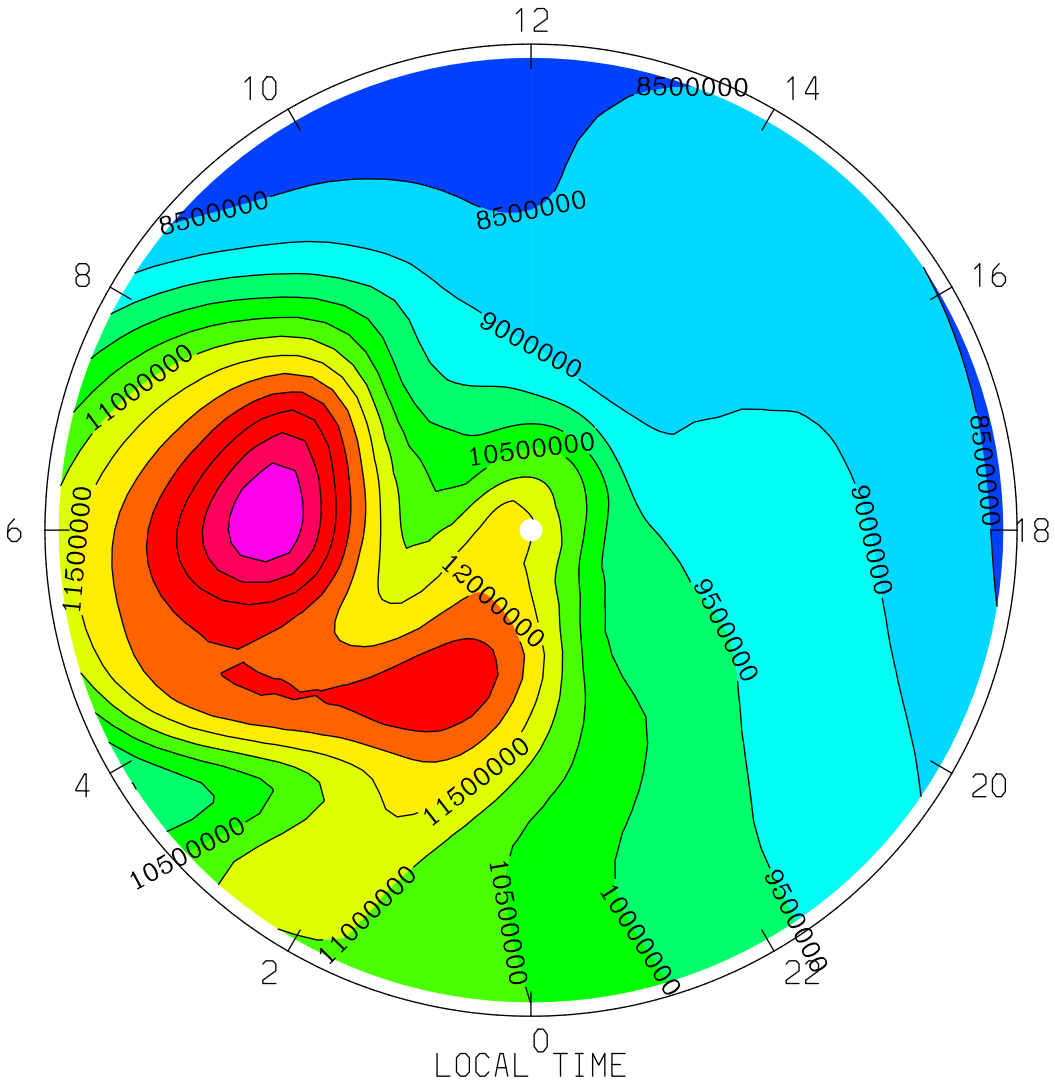
MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 199.5 PERIM-LAT= 40.0

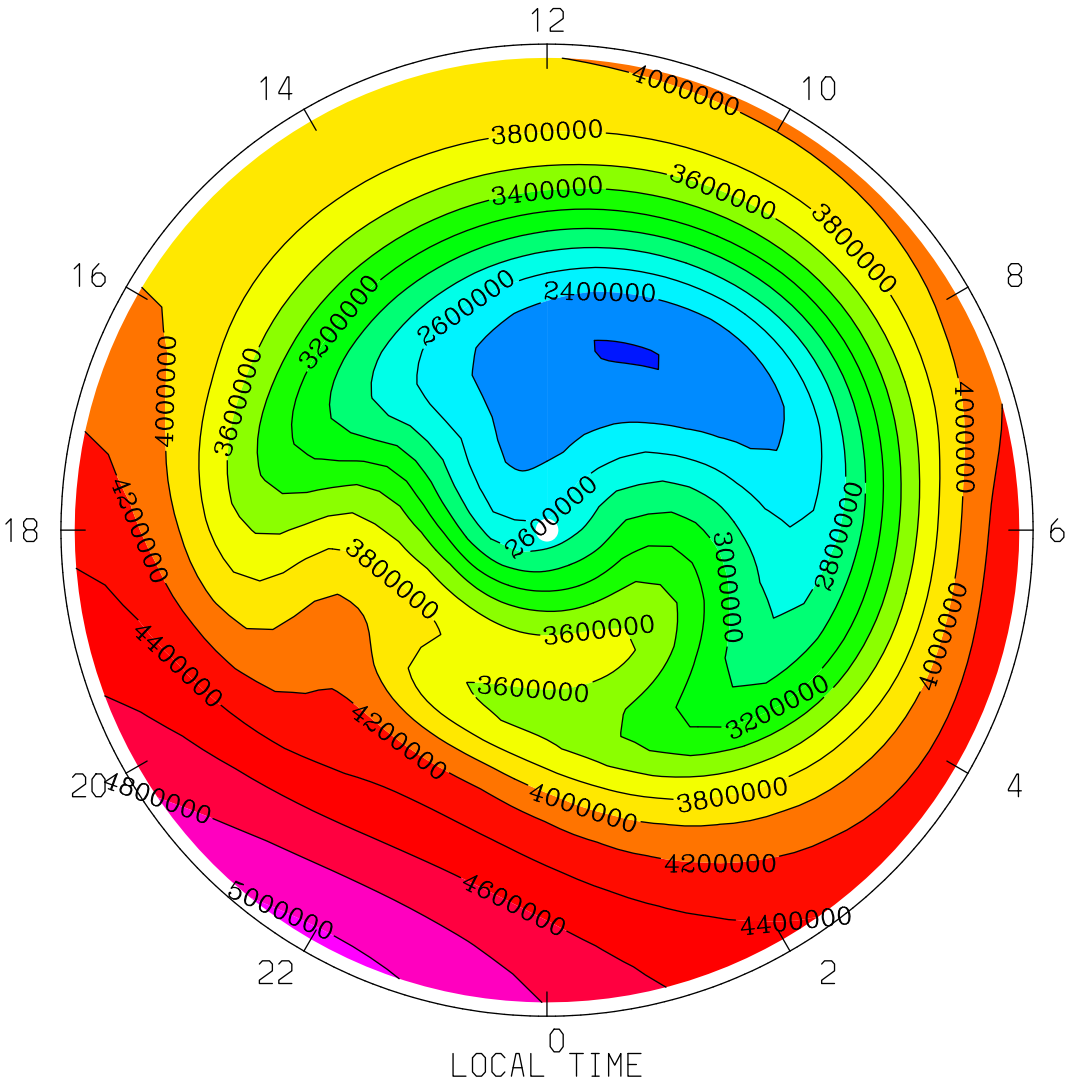


LOCAL TIME

MIN,MAX= 9.5634E+07 1.4974E+08 INTERVAL= 4.0000E+06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 264.9
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
0.3×10⁷
0.4×10⁷
0.5×10⁷
0.6×10⁷
0.7×10⁷
0.8×10⁷
0.9×10⁷
1.0×10⁷
1.2×10⁷
-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= 2.1893E+06 1.4481E+07 INTERVAL= 1.0000E+06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

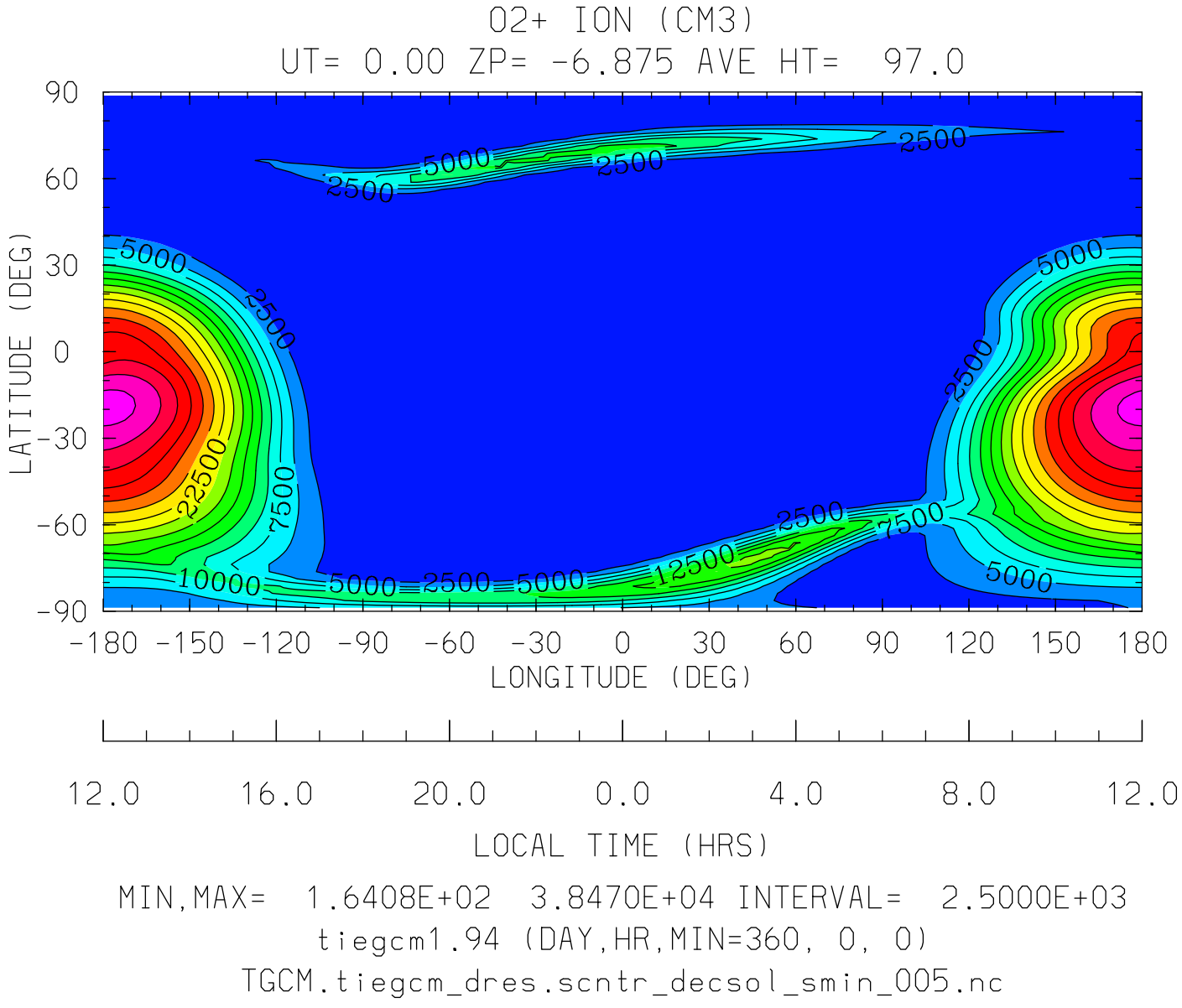

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 264.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
8500000
9000000
9500000
10000000
10500000
11000000
11500000
12000000
LOCAL TIME
MIN,MAX= 8.2114E+06 1.4481E+07 INTERVAL= 5.0000E+05
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 2.1893E+06 5.0412E+06 INTERVAL= 2.0000E+05

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

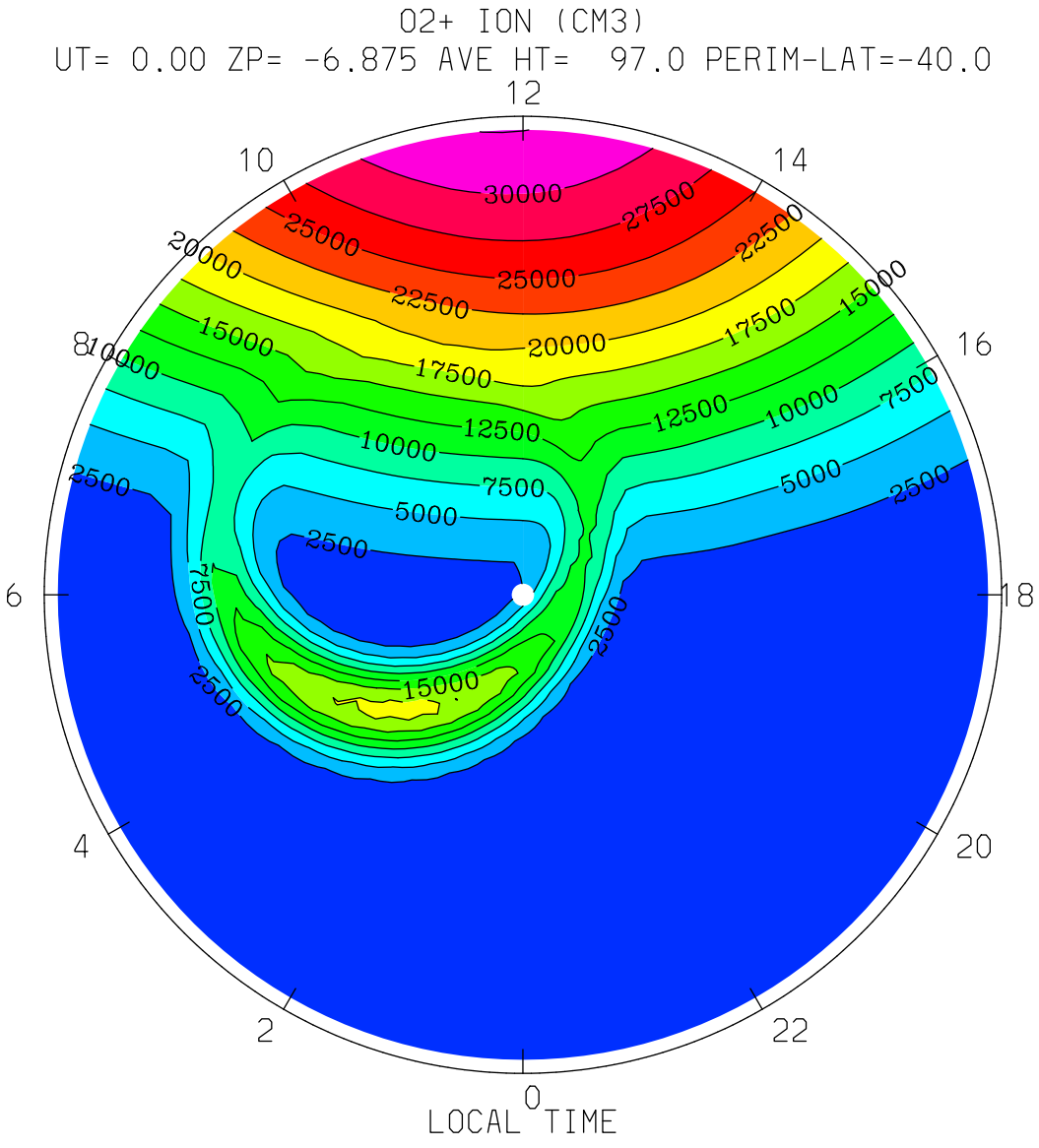
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

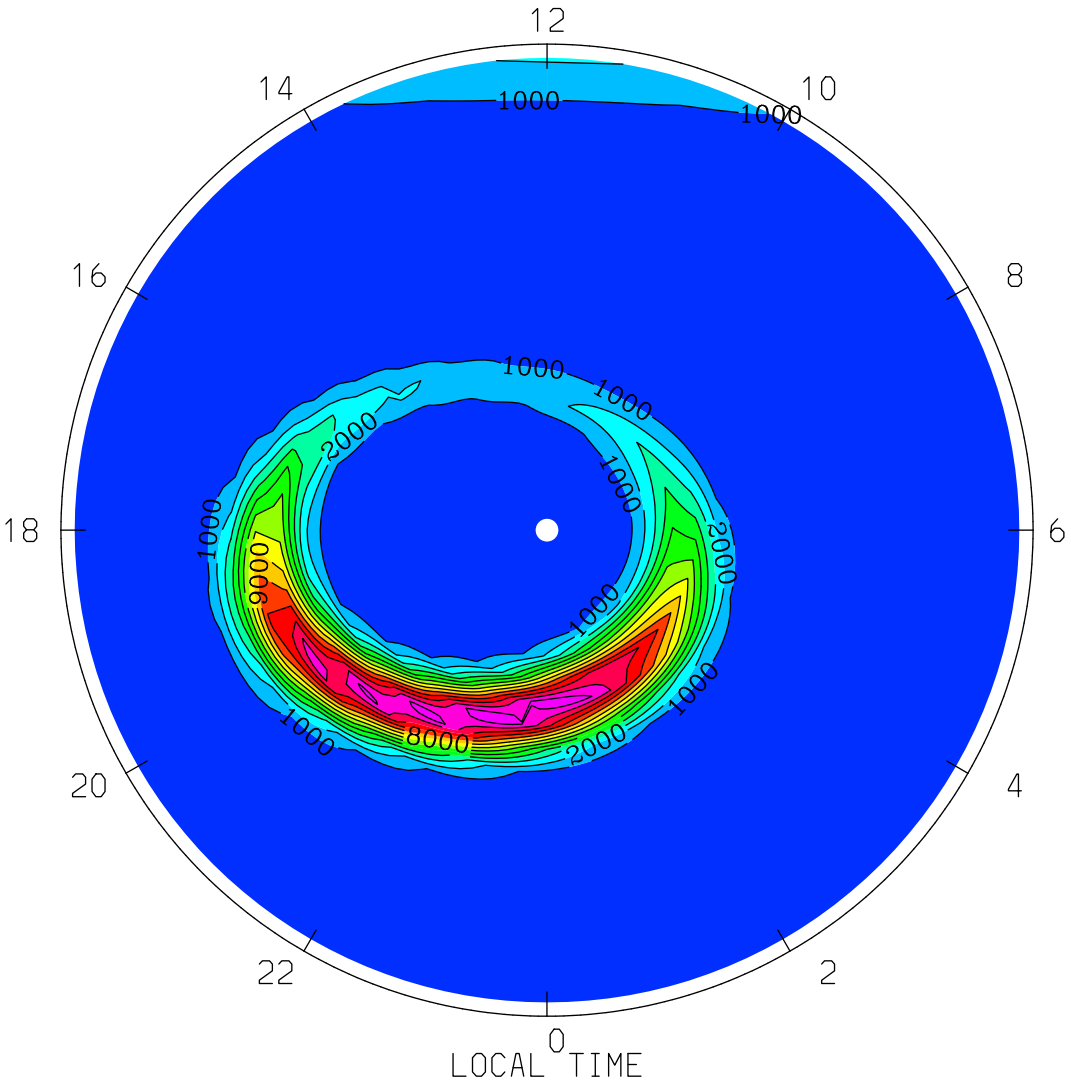


MIN,MAX= 1.6408E+02 3.8470E+04 INTERVAL= 2.5000E+03

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

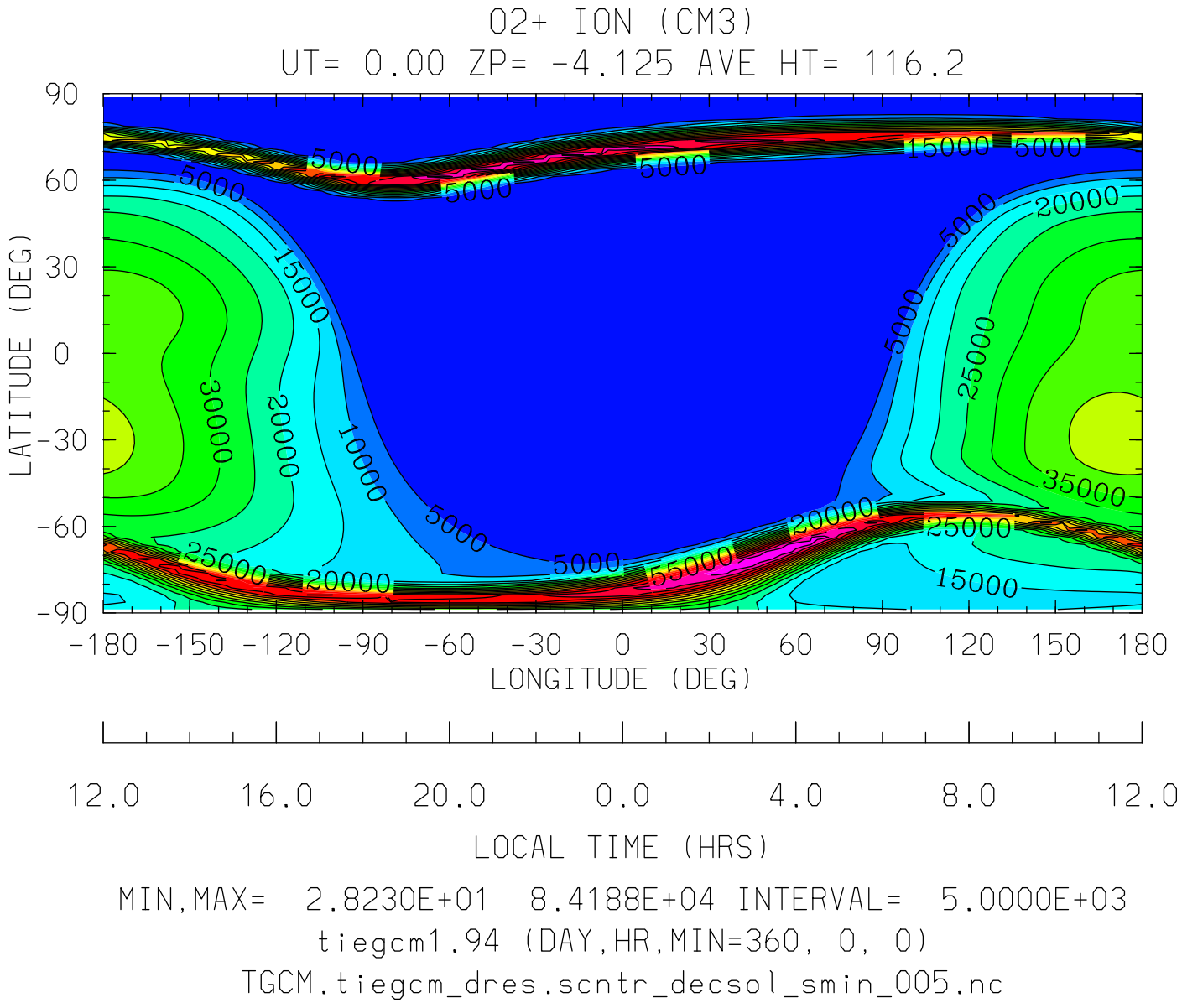

O2+ ION (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
30000
27500
25000
22500
20000
17500
15000
12500
10000
7500
5000
2500
MIN,MAX= 3.2017E+02 3.2577E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

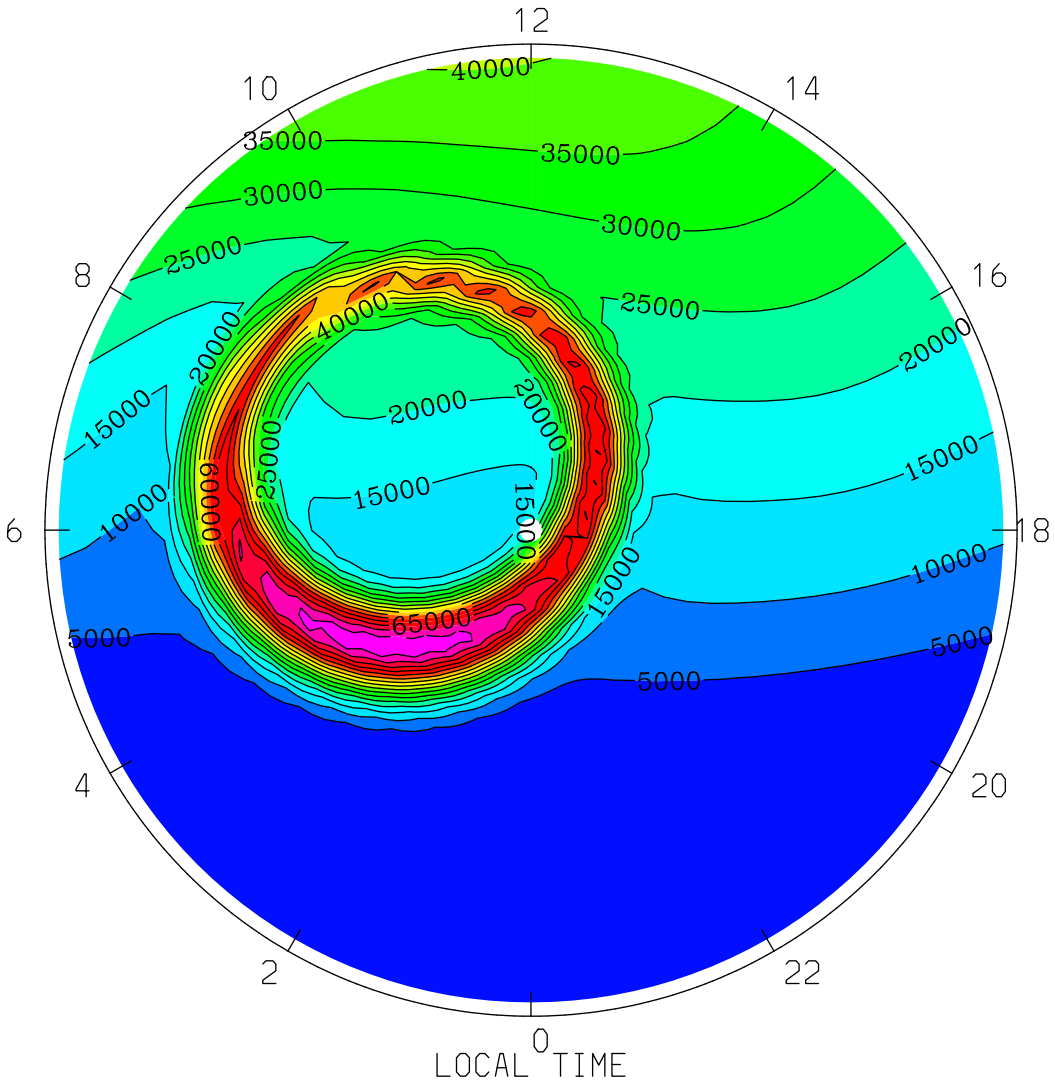


MIN,MAX= 1.9630E+02 1.4011E+04 INTERVAL= 1.0000E+03

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

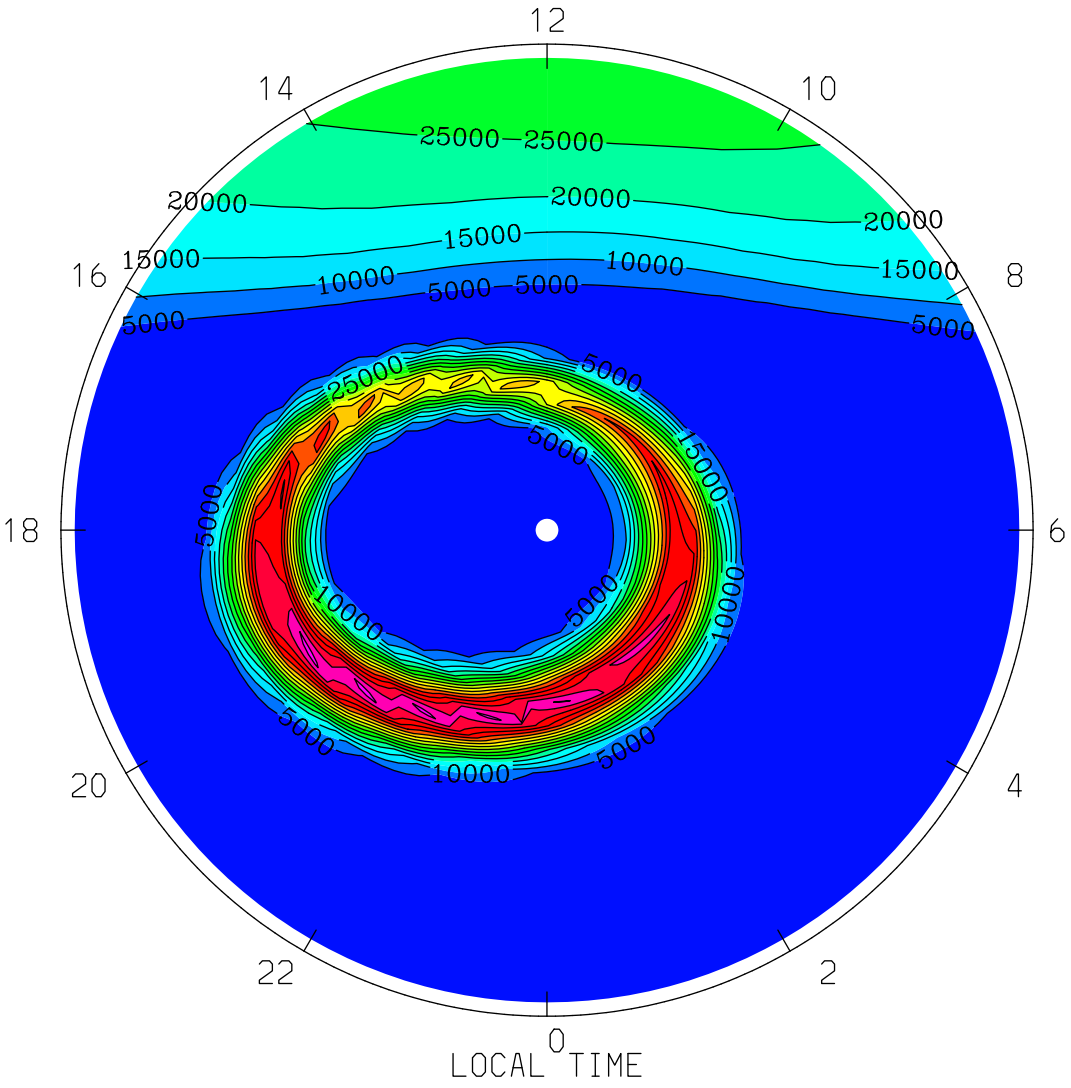

O2+ ION (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 116.2
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.8230E+01 8.4188E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 2.8230E+01 8.4188E+04 INTERVAL= 5.0000E+03

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

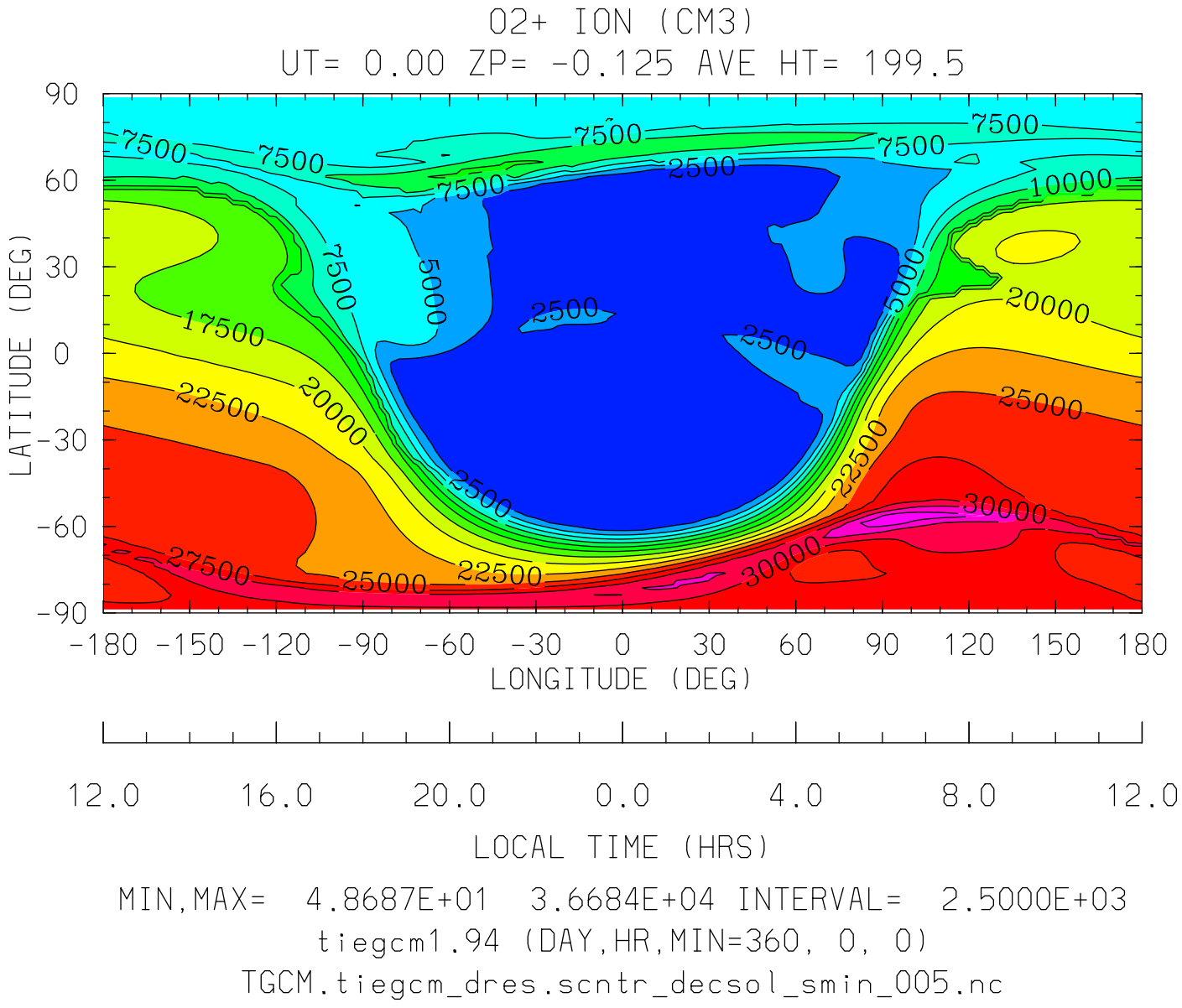
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 6.1246E+01 8.2010E+04 INTERVAL= 5.0000E+03

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

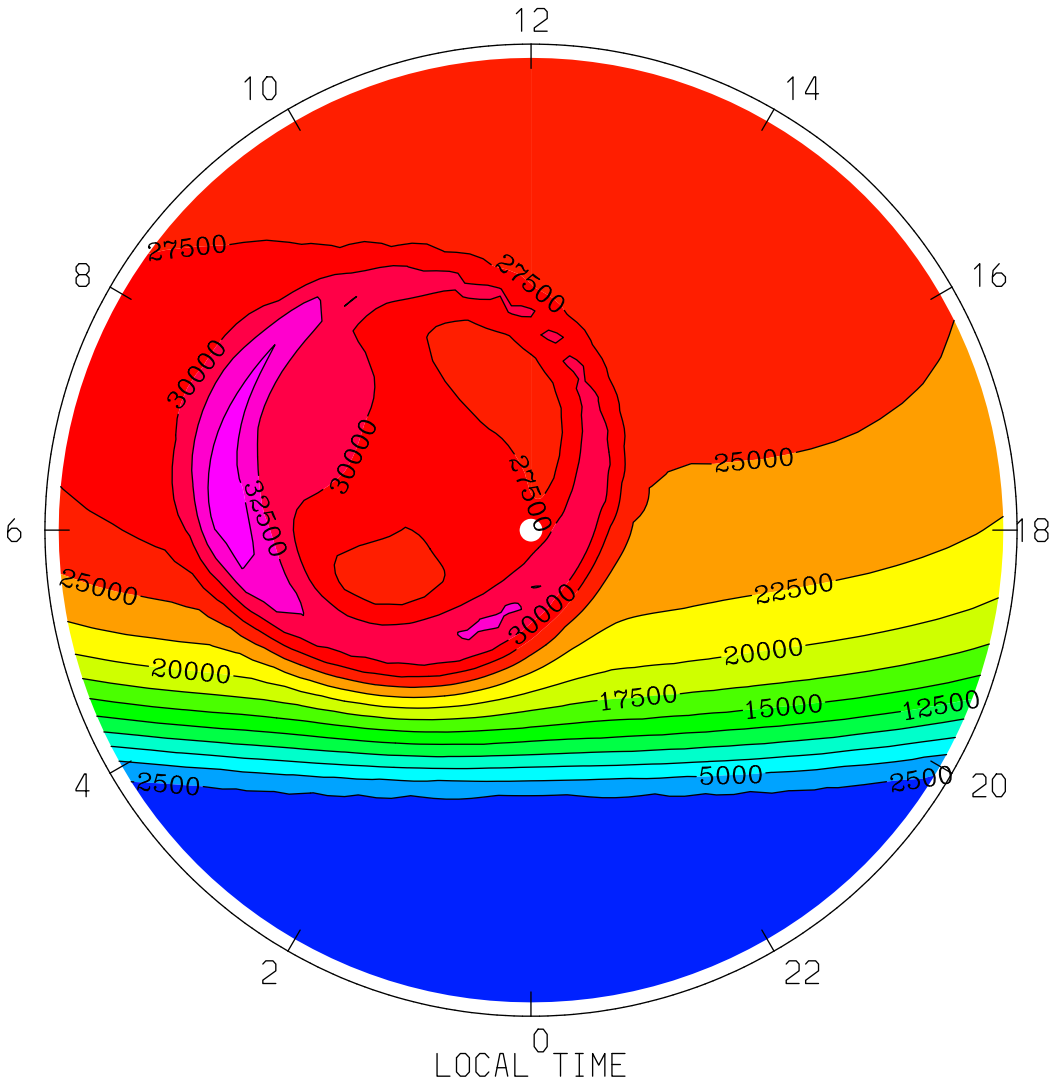
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

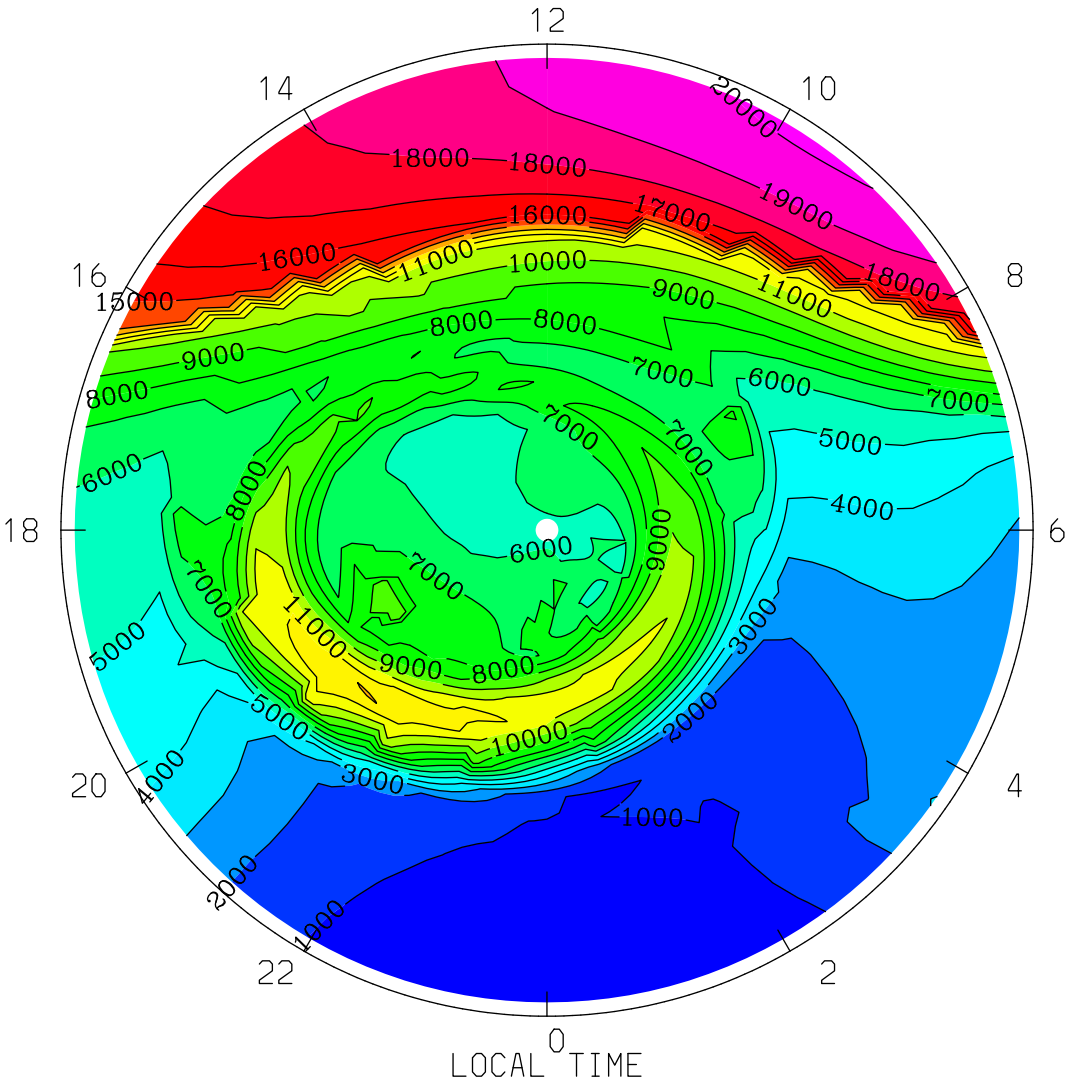


MIN,MAX= 4.8687E+01 3.6684E+04 INTERVAL= 2.5000E+03

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

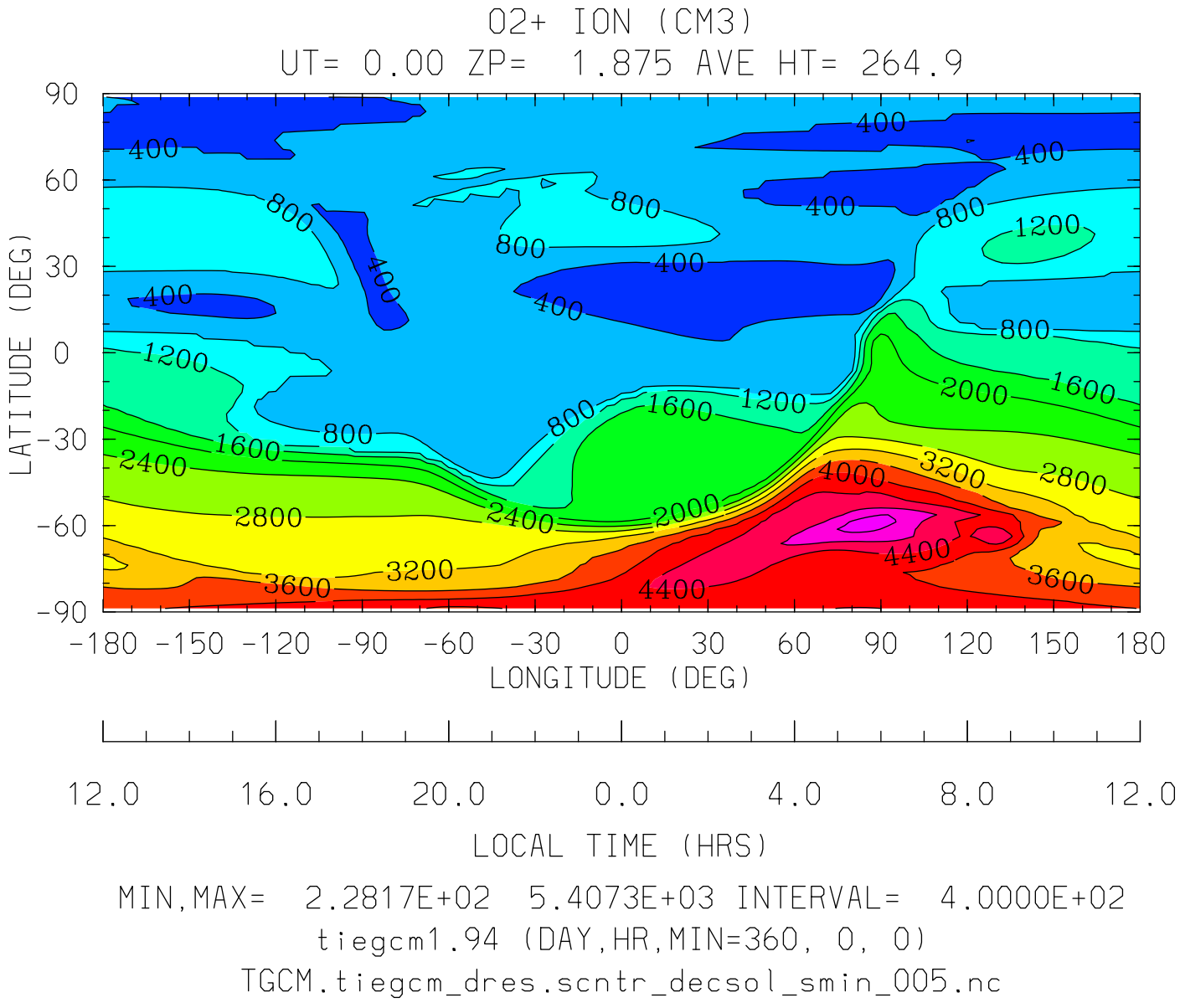

O2+ ION (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 199.5 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
27500
27500
30000
30000
32500
27500
25000
25000
22500
20000
20000
17500
15000
12500
5000
2500
2500
LOCAL TIME
MIN,MAX= 1.5074E+02 3.6684E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 2.7453E+02 2.0147E+04 INTERVAL= 1.0000E+03

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

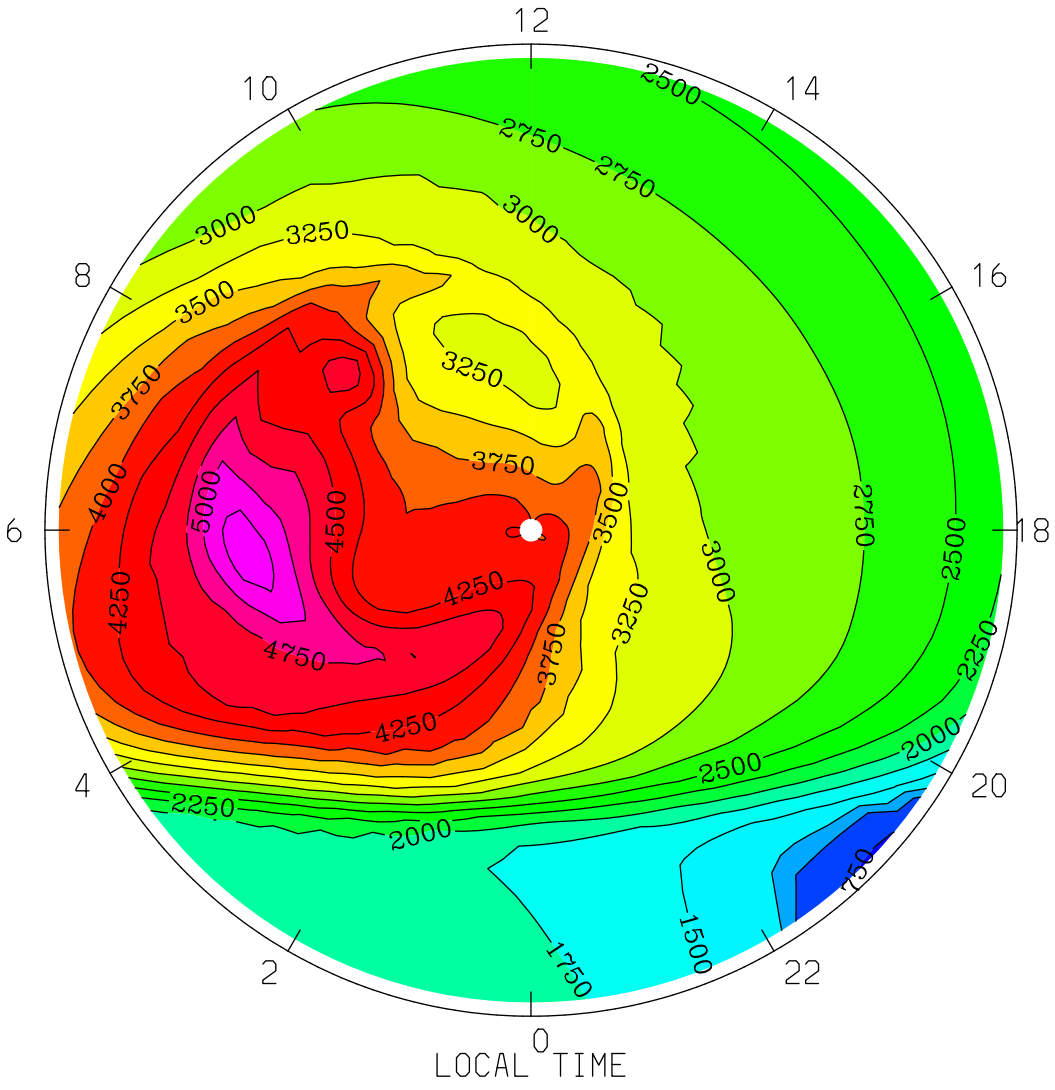
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 2.2817E+02 5.4073E+03 INTERVAL= 4.0000E+02

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

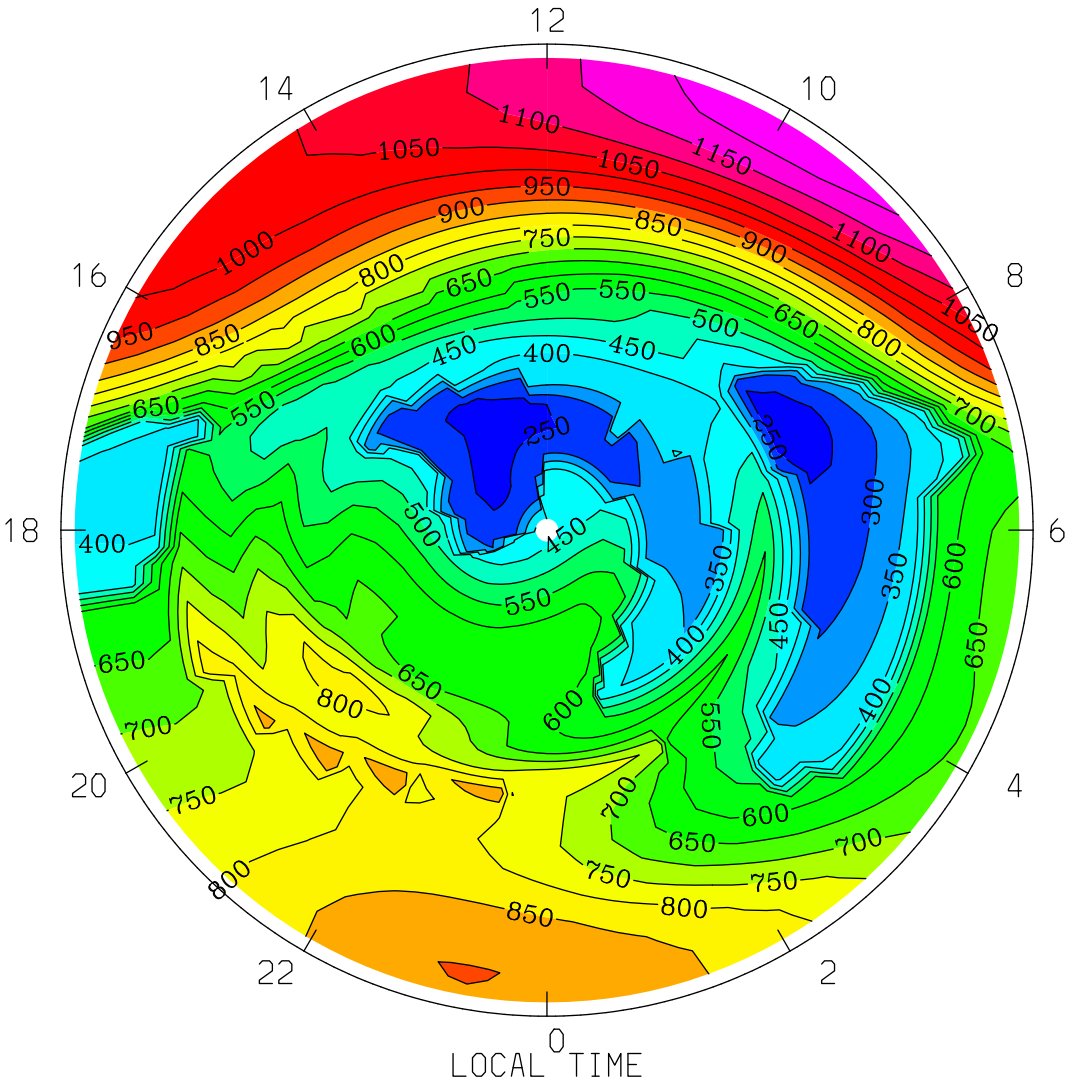
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

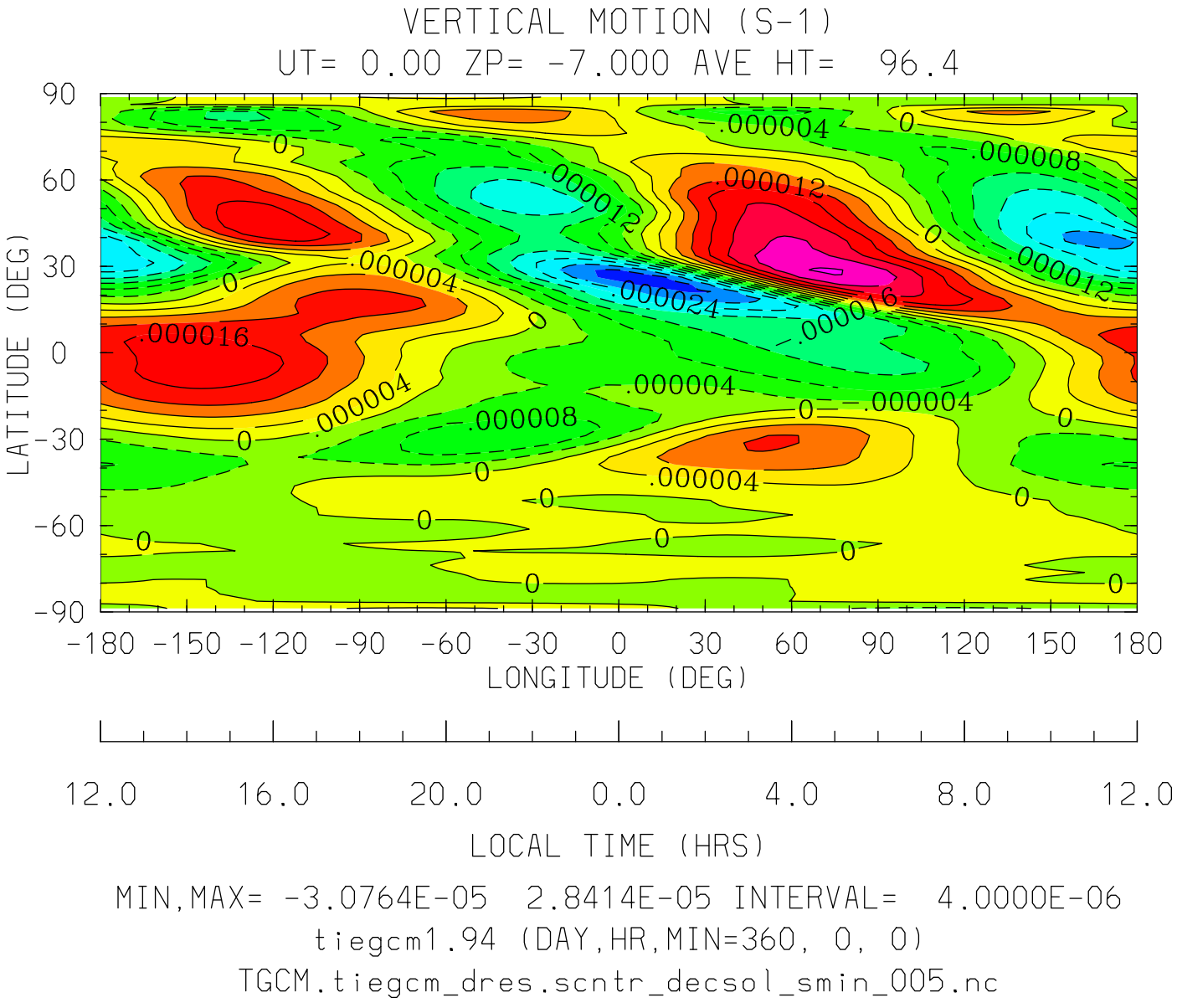


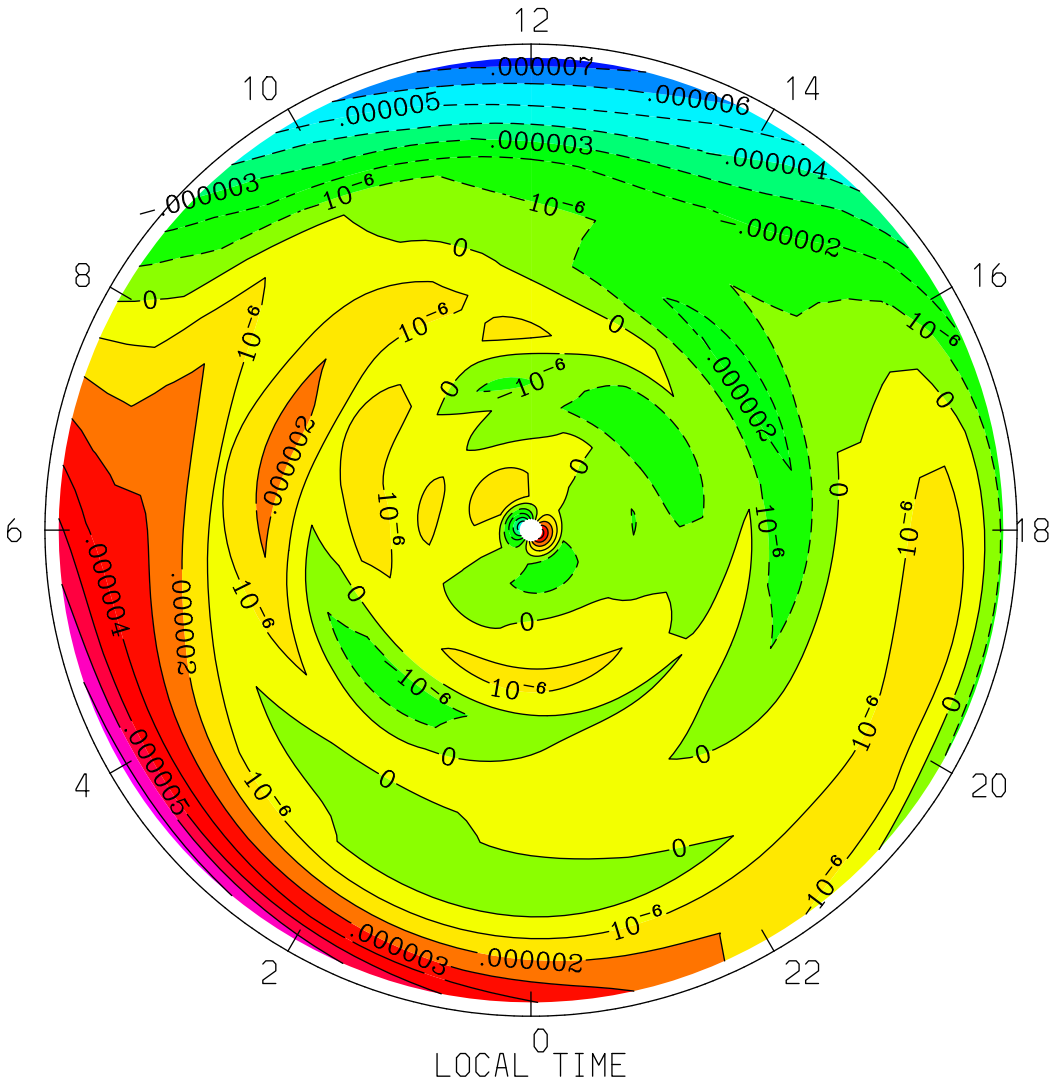
MIN,MAX= 7.3399E+02 5.4073E+03 INTERVAL= 2.5000E+02

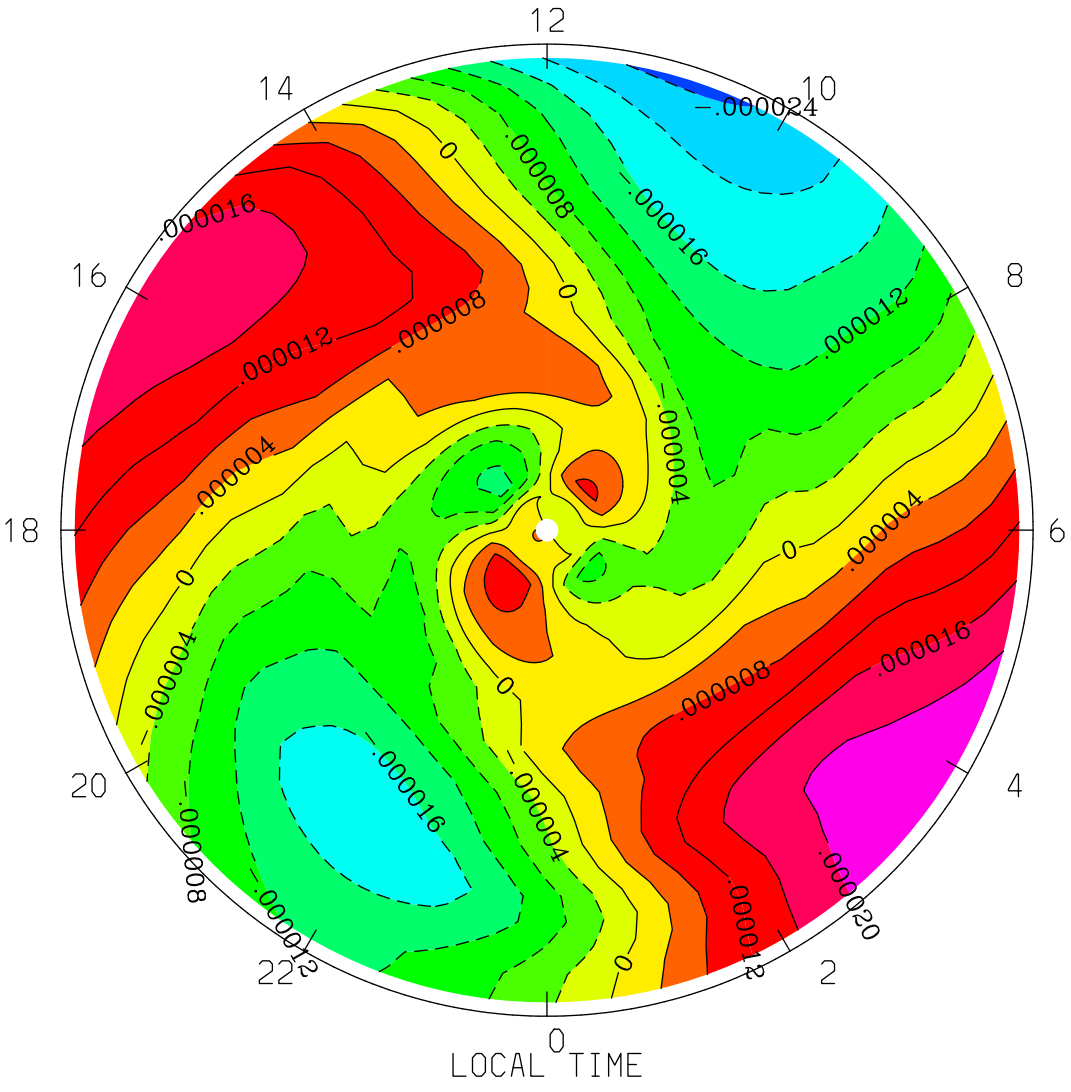
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

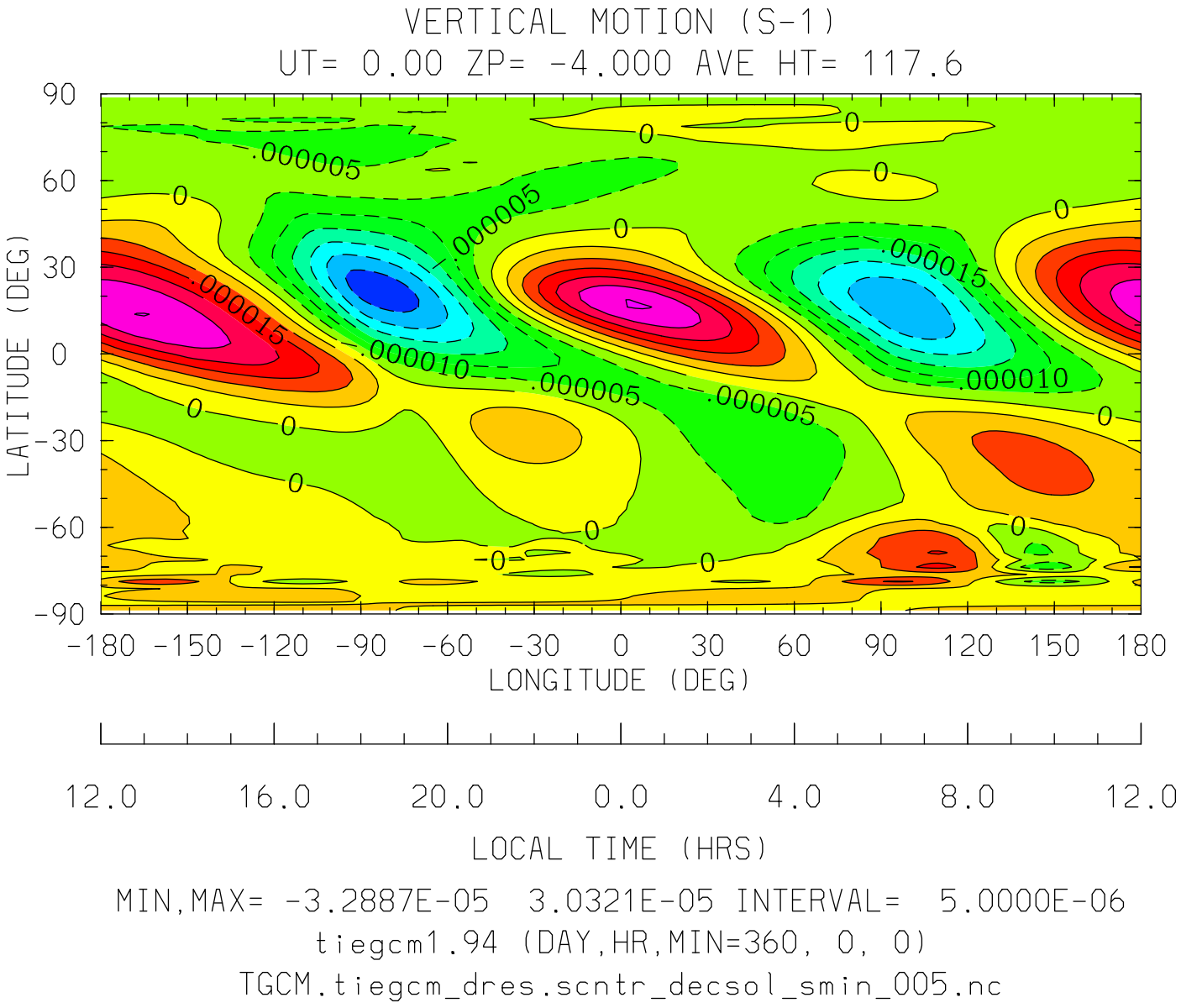
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

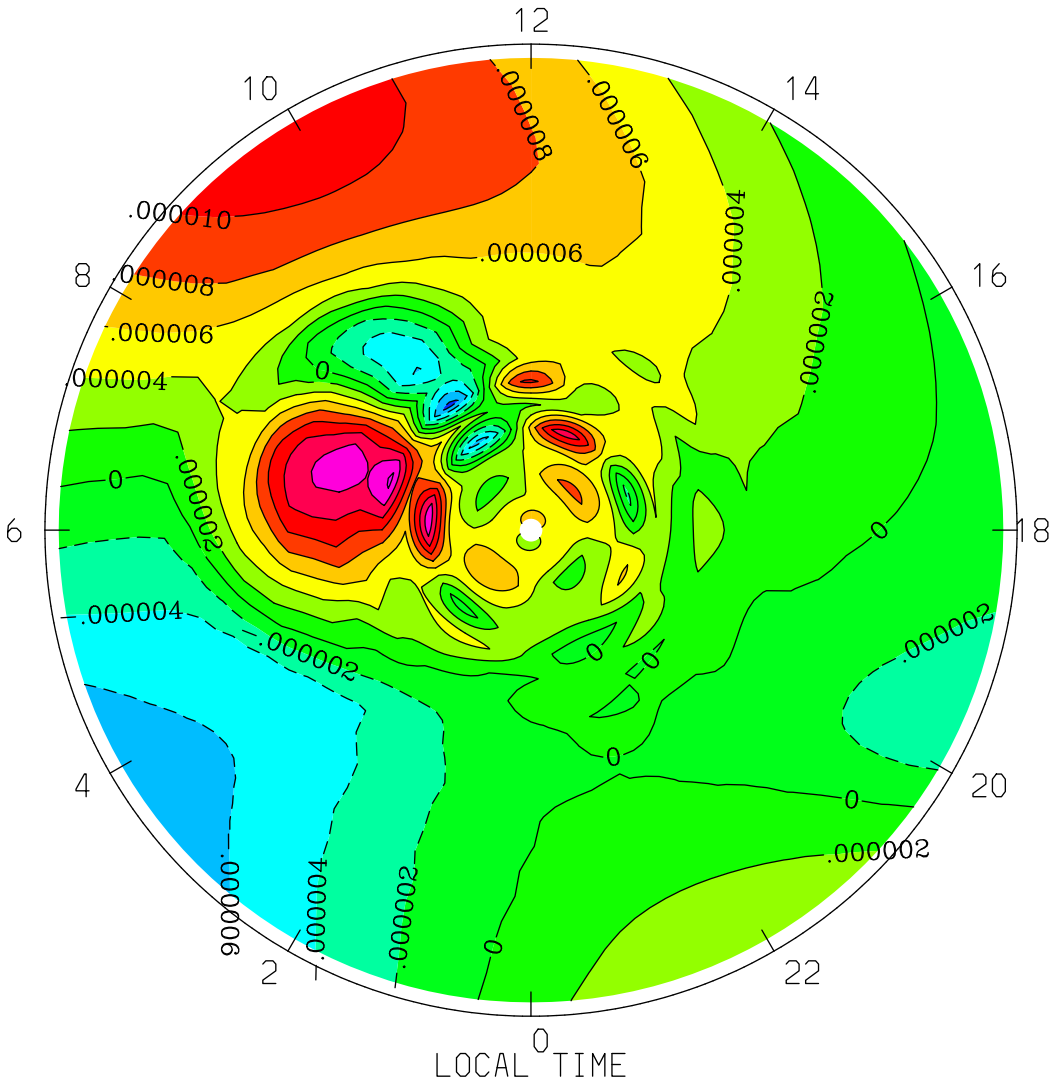

O2+ ION (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 264.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 2.2817E+02 1.2424E+03 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

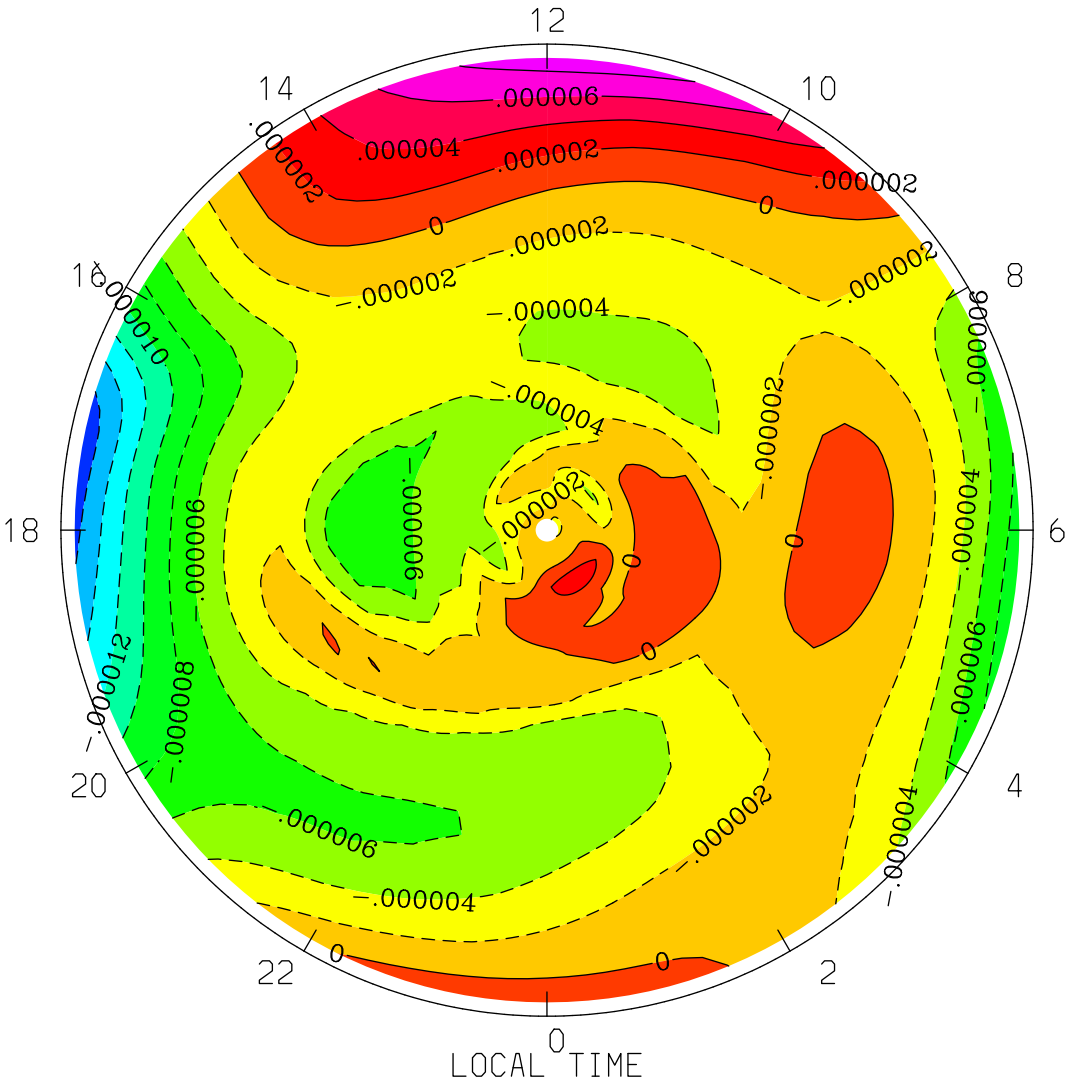

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.0764E-05 2.8414E-05 INTERVAL= 4.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

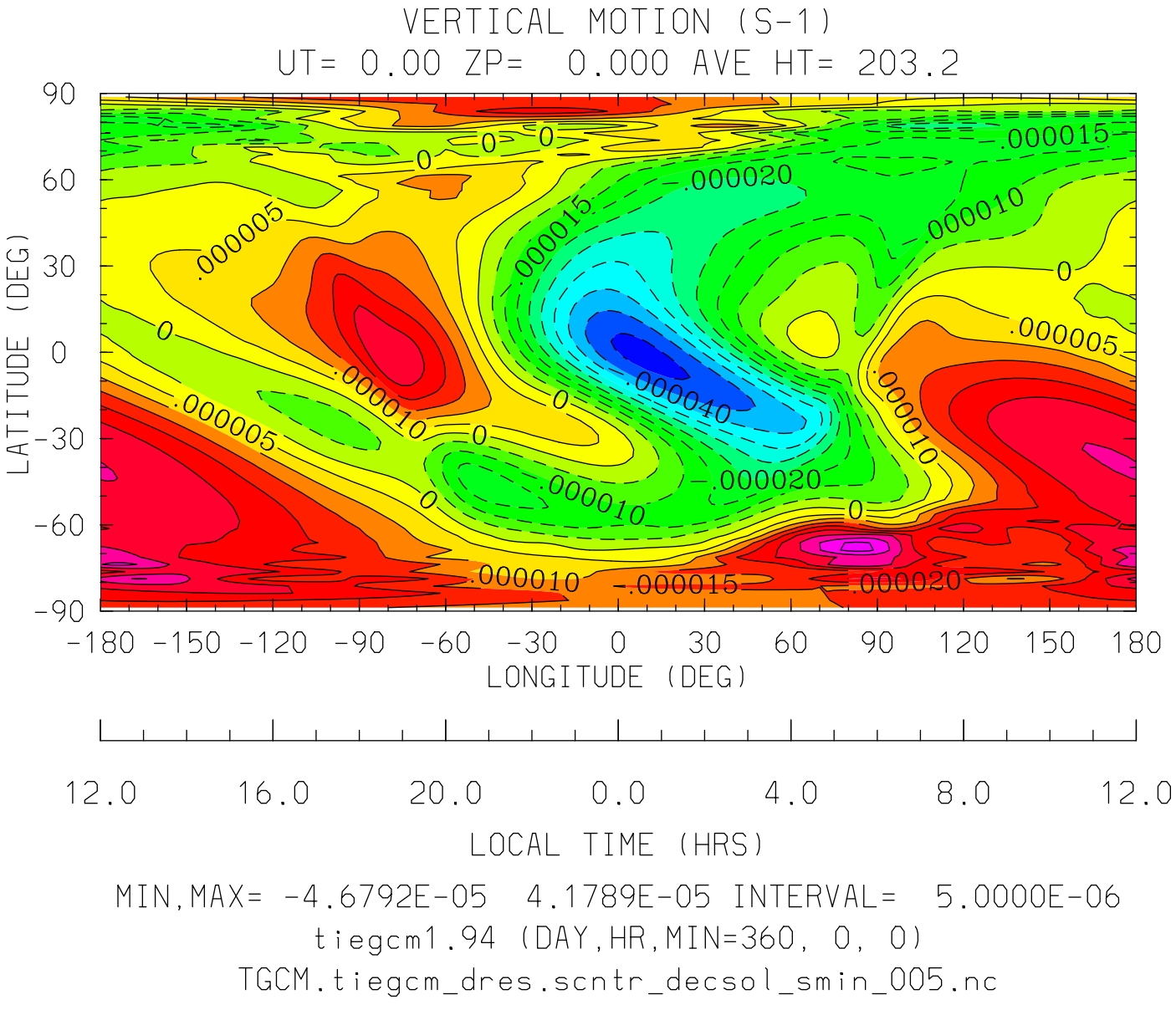

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -7.4770E-06 7.4560E-06 INTERVAL= 1.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

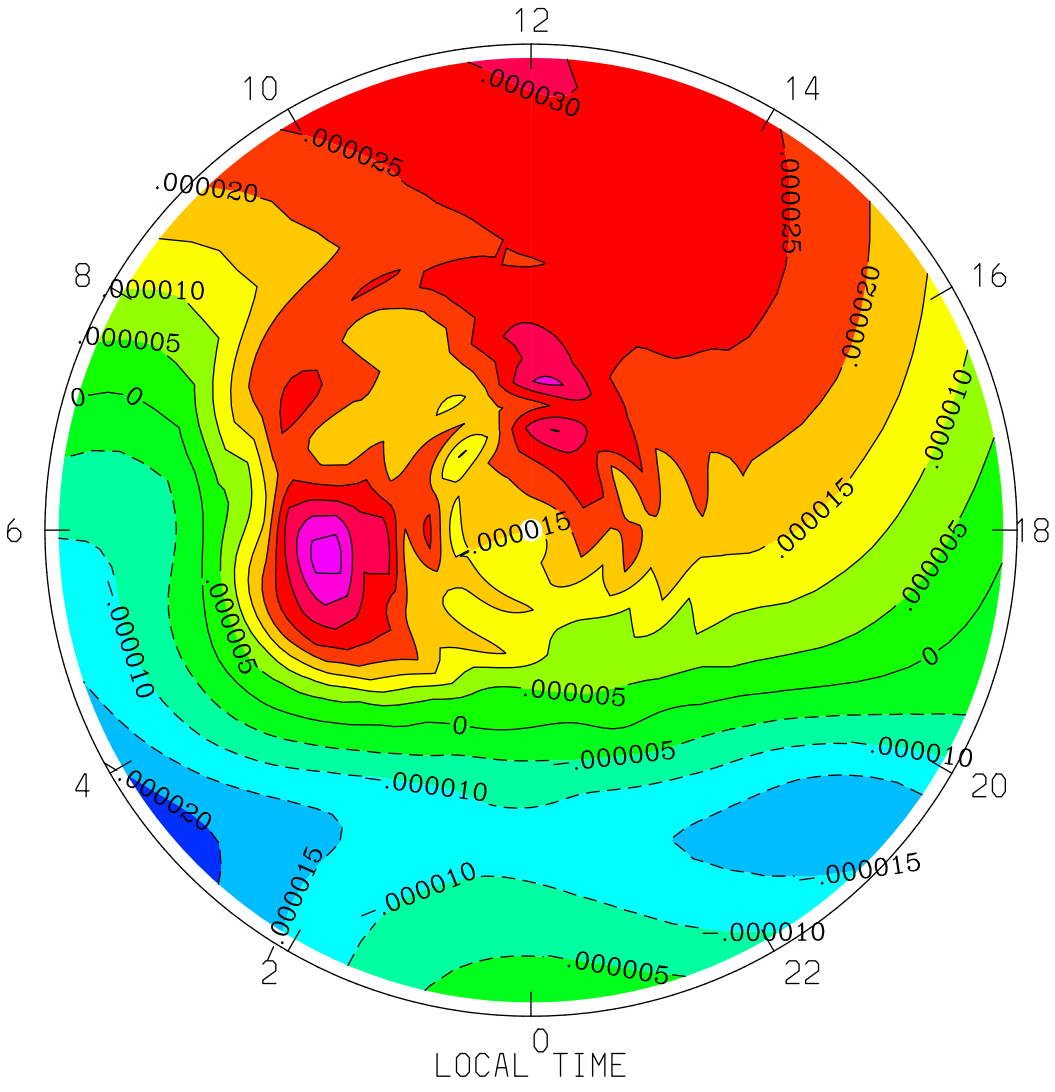

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
-.000024
.000016
0
.000008
.000012
.000004
-.000004
-.000008
-.000012
-.000016
-.000020
LOCAL TIME
MIN,MAX= -2.4933E-05 2.3804E-05 INTERVAL= 4.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

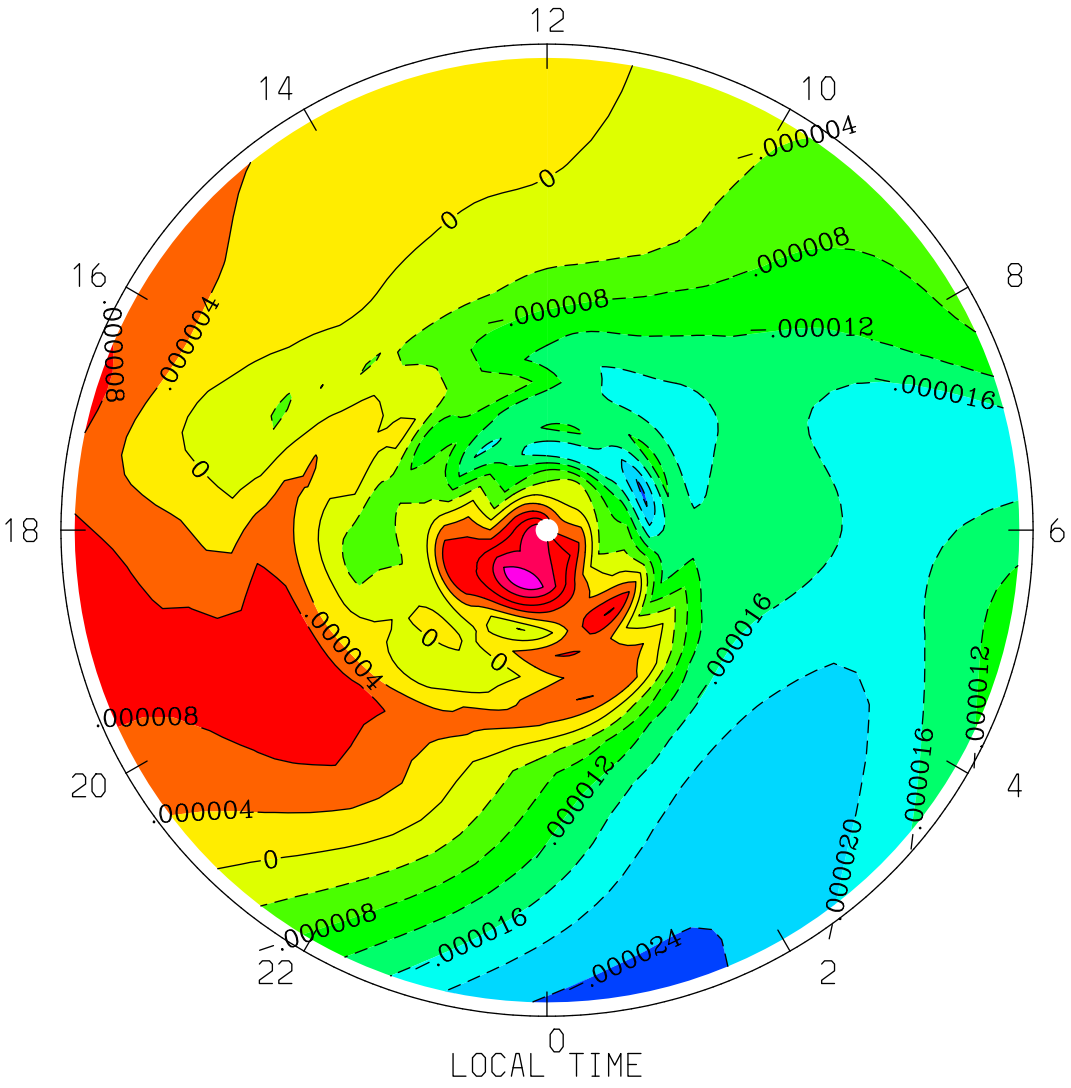

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -4.000 AVE HT= 117.6
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.2887E-05 3.0321E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

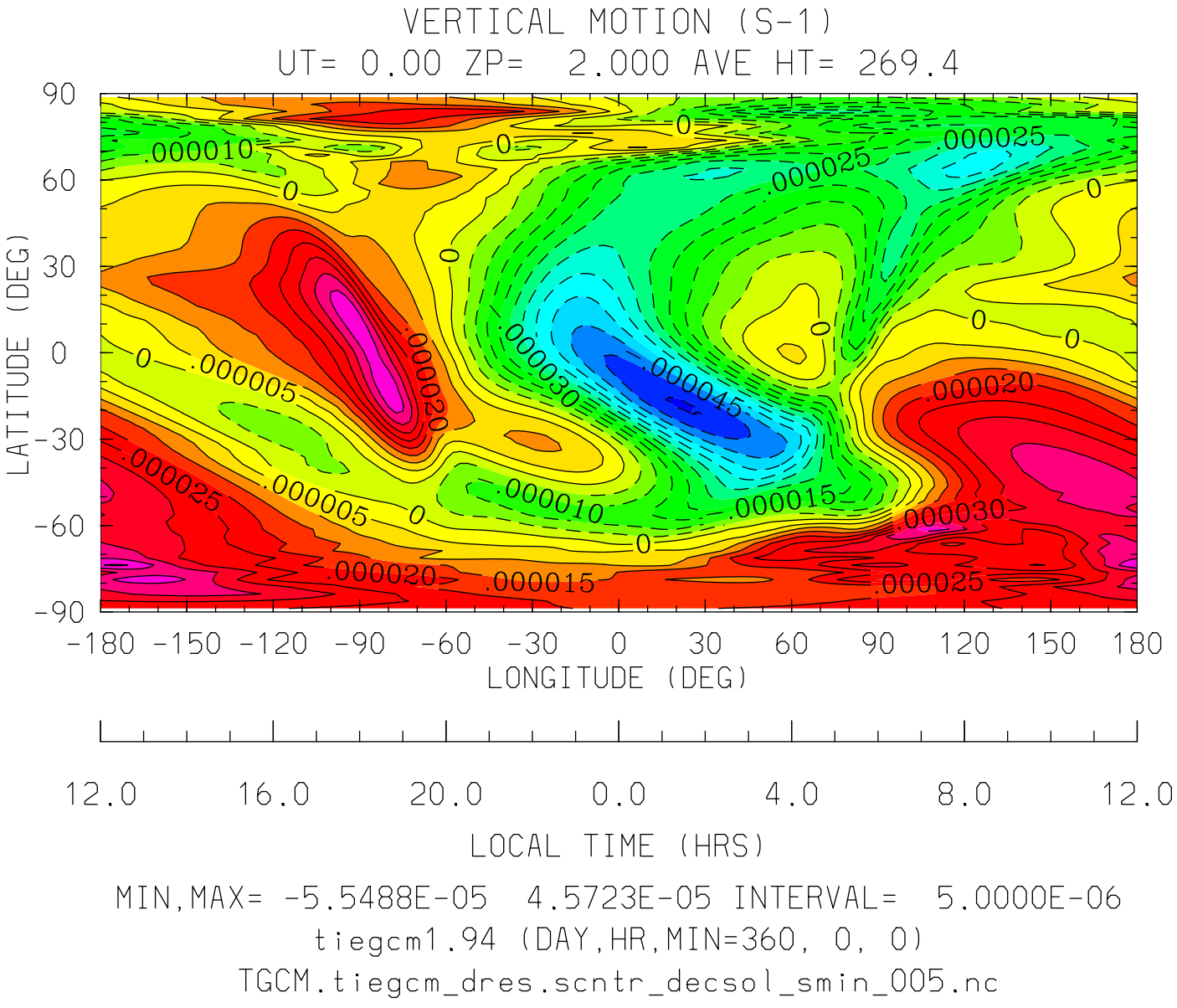

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
.000008
.000006
.000010
.000004
.000002
0
-.000002
-.000004
-.000006
LOCAL TIME
MIN,MAX= -8.6975E-06 1.6309E-05 INTERVAL= 2.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

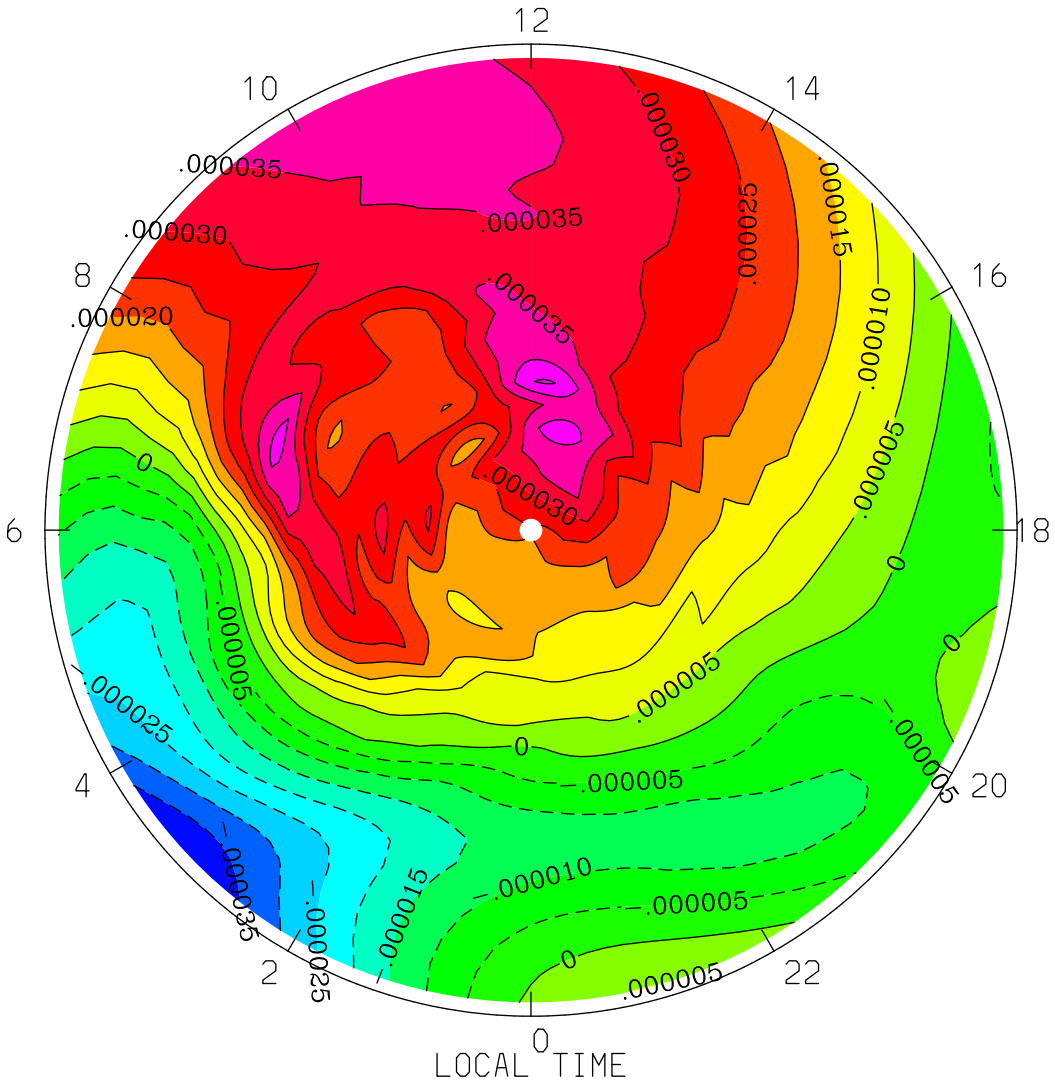

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
.000006
.000004
.000002
0
-.000002
-.000004
-.000006
-.000008
-.000010
-.000012
LOCAL TIME
MIN,MAX= -1.7396E-05 9.1303E-06 INTERVAL= 2.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

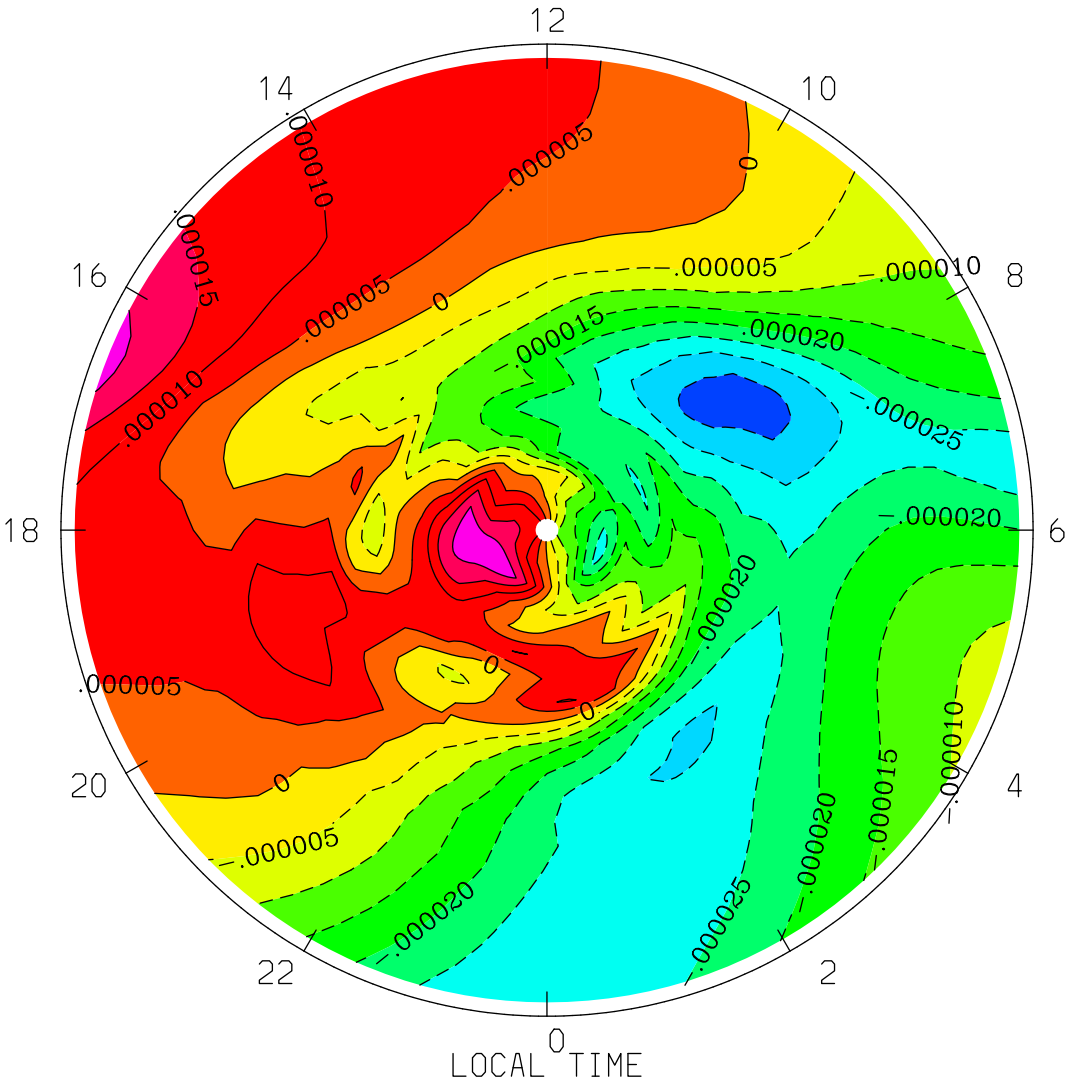

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 203.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.6792E-05 4.1789E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
.000030
.000025
.000020
.000010
.000005
0
.000015
.000010
.000005
0
.000005
0
.000005
.000010
.000020
.000015
.000010
.000005
.000025
.000020
.000010
.000005
0
.000015
.000005
0
.000010
.000005
.000010
.000015
.000010
.000005
LOCAL TIME
MIN,MAX= -2.2375E-05 4.1789E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -2.5283E-05 2.3131E-05 INTERVAL= 4.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


VERTICAL MOTION (S-1)
UT= 0.00 ZP= 2.000 AVE HT= 269.4
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.5488E-05 4.5723E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

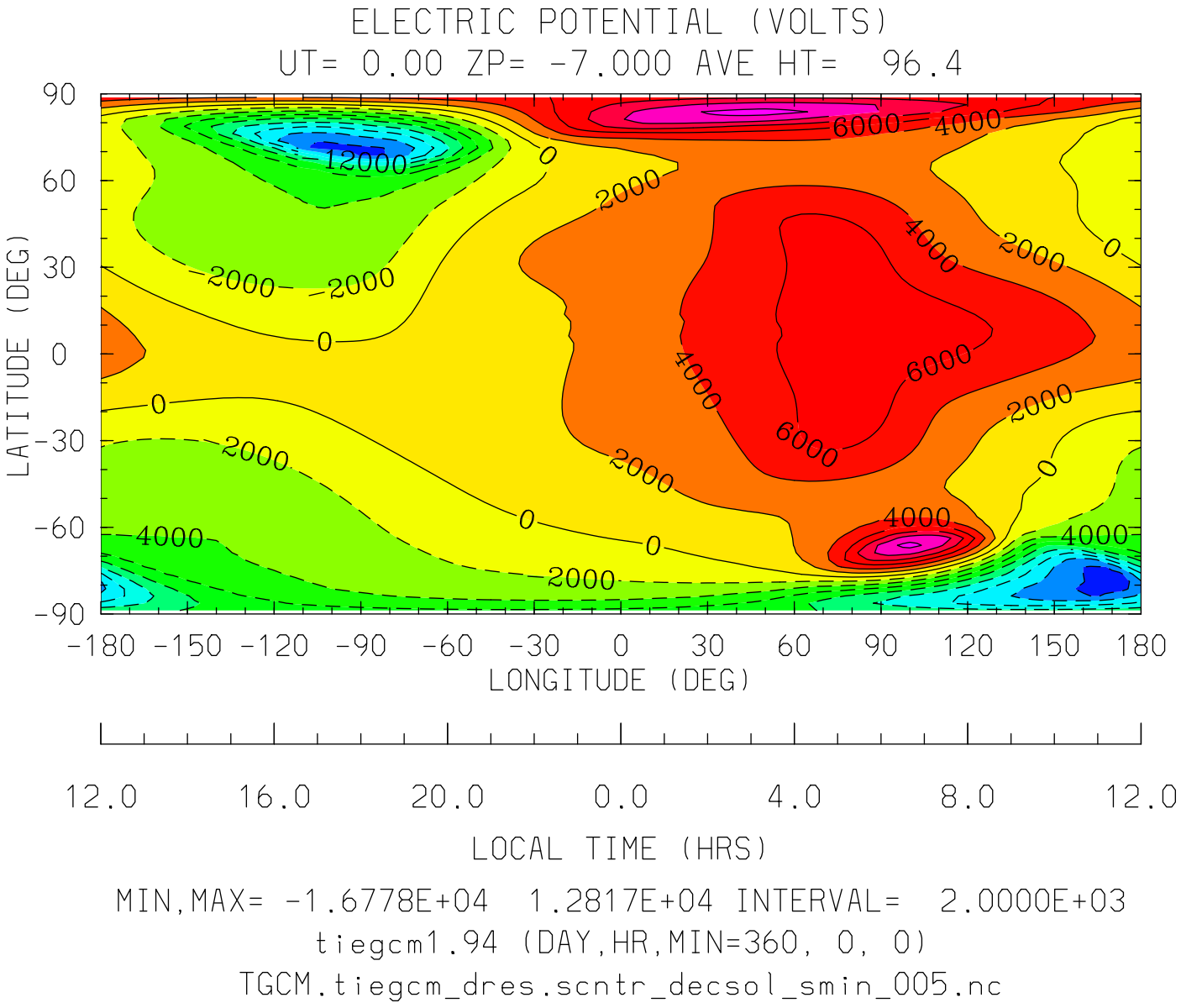

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
.000035
.000030
.000020
.000025
.000015
.000010
.000005
0
-.000005
-.000025
-.000035
-.000015
-.000010
LOCAL TIME
MIN,MAX= -3.9293E-05 4.5723E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= -3.7352E-05 2.4015E-05 INTERVAL= 5.0000E-06

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

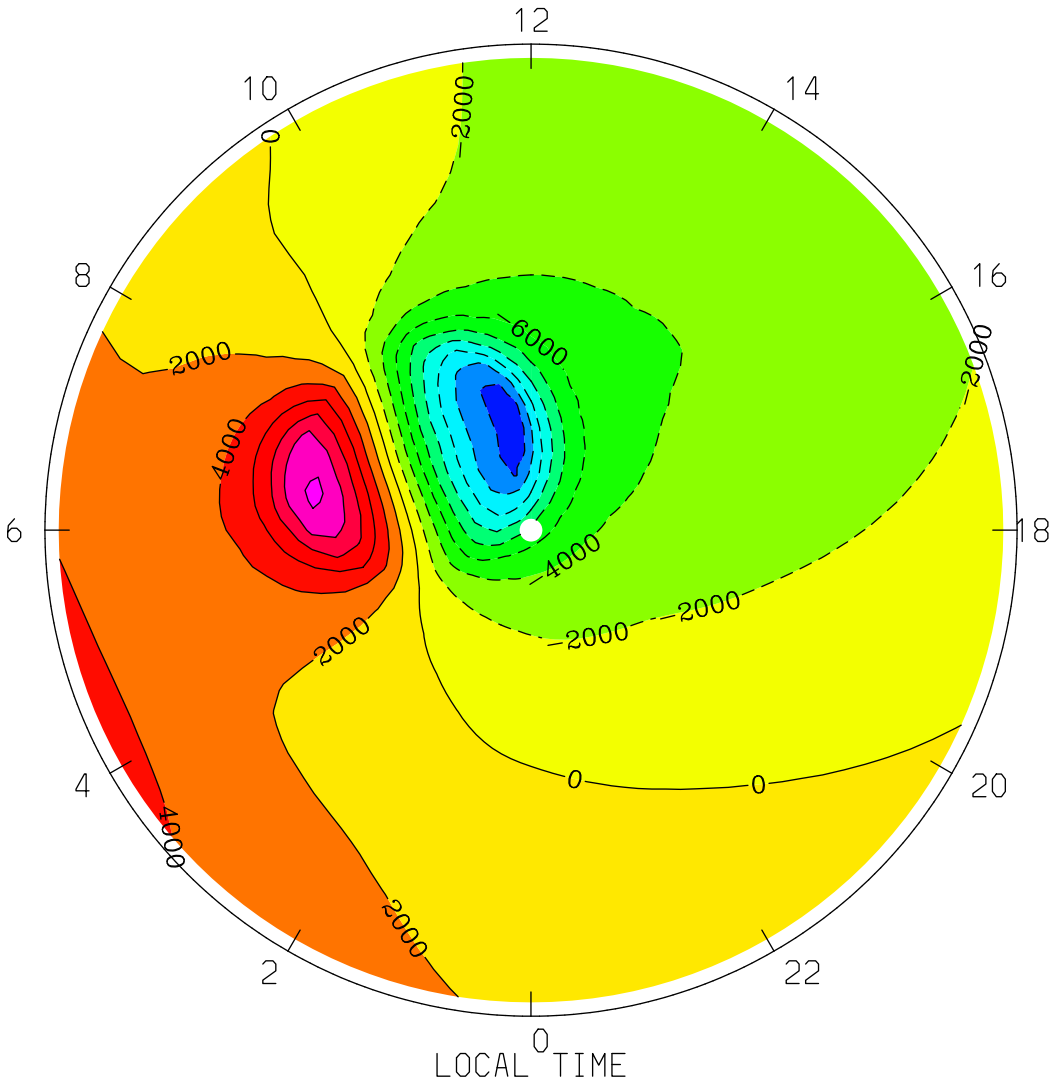
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= -1.6778E+04 1.2817E+04 INTERVAL= 2.0000E+03

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

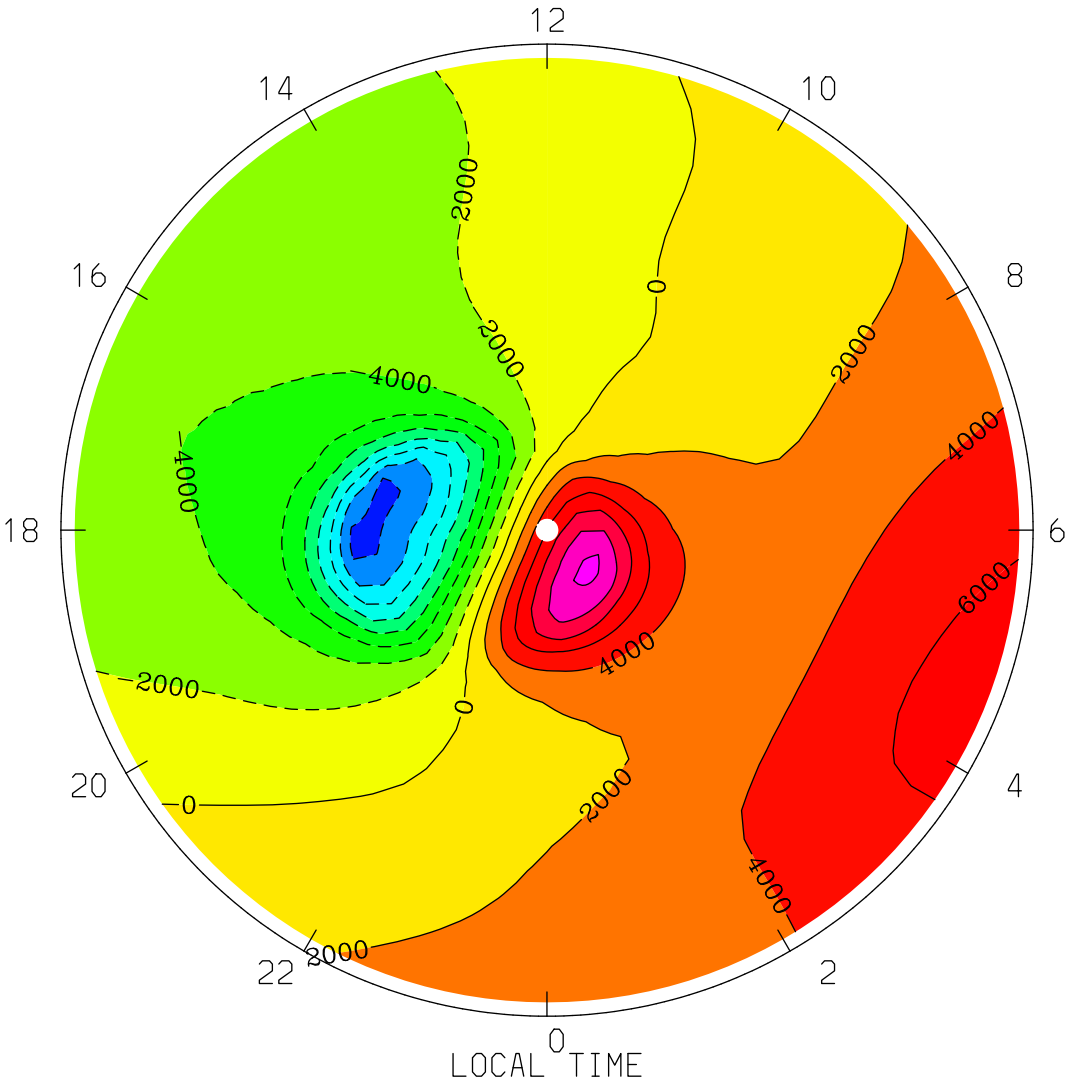
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= -1.6778E+04 1.2684E+04 INTERVAL= 2.0000E+03

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

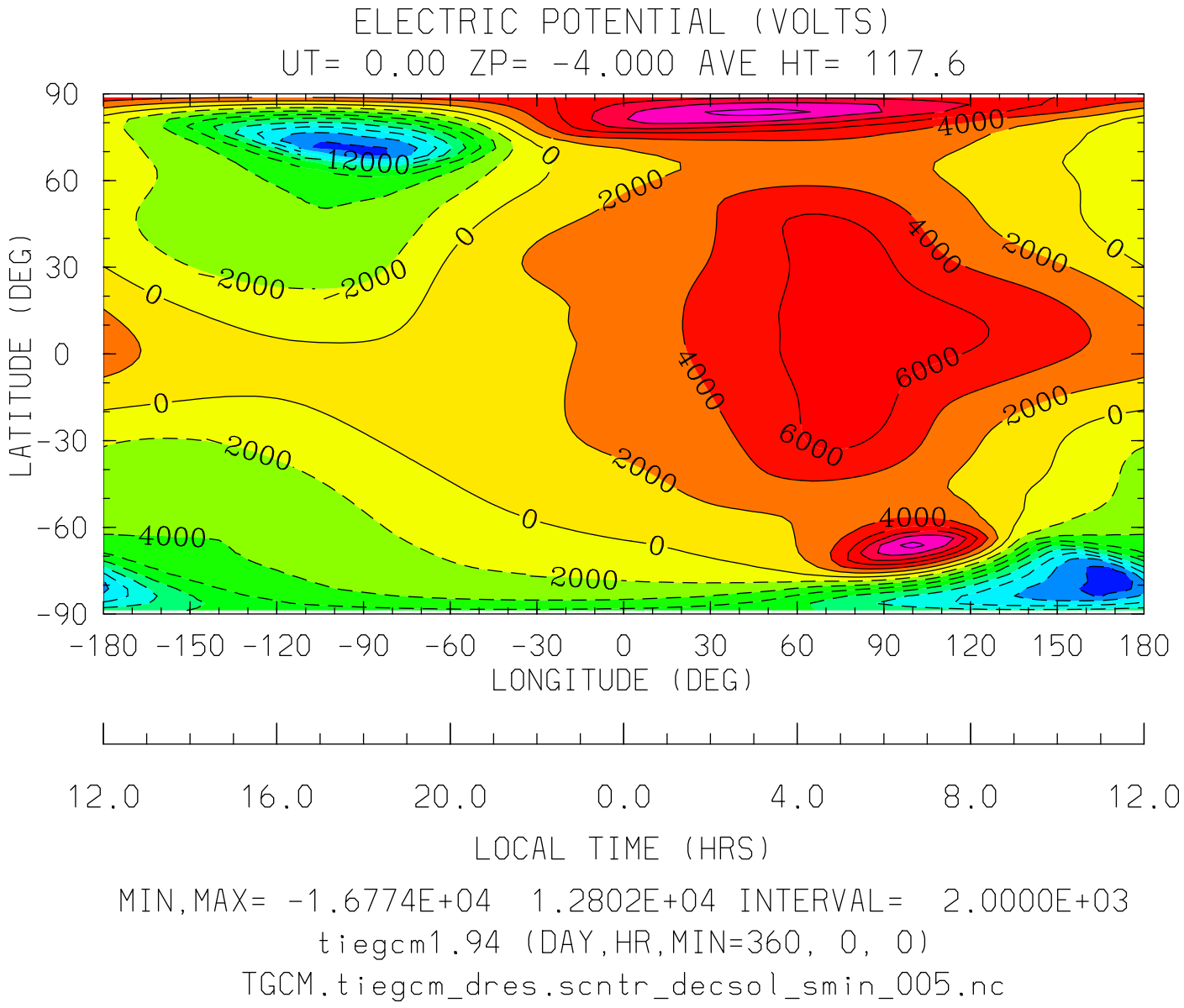
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= -1.6575E+04 1.2817E+04 INTERVAL= 2.0000E+03

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

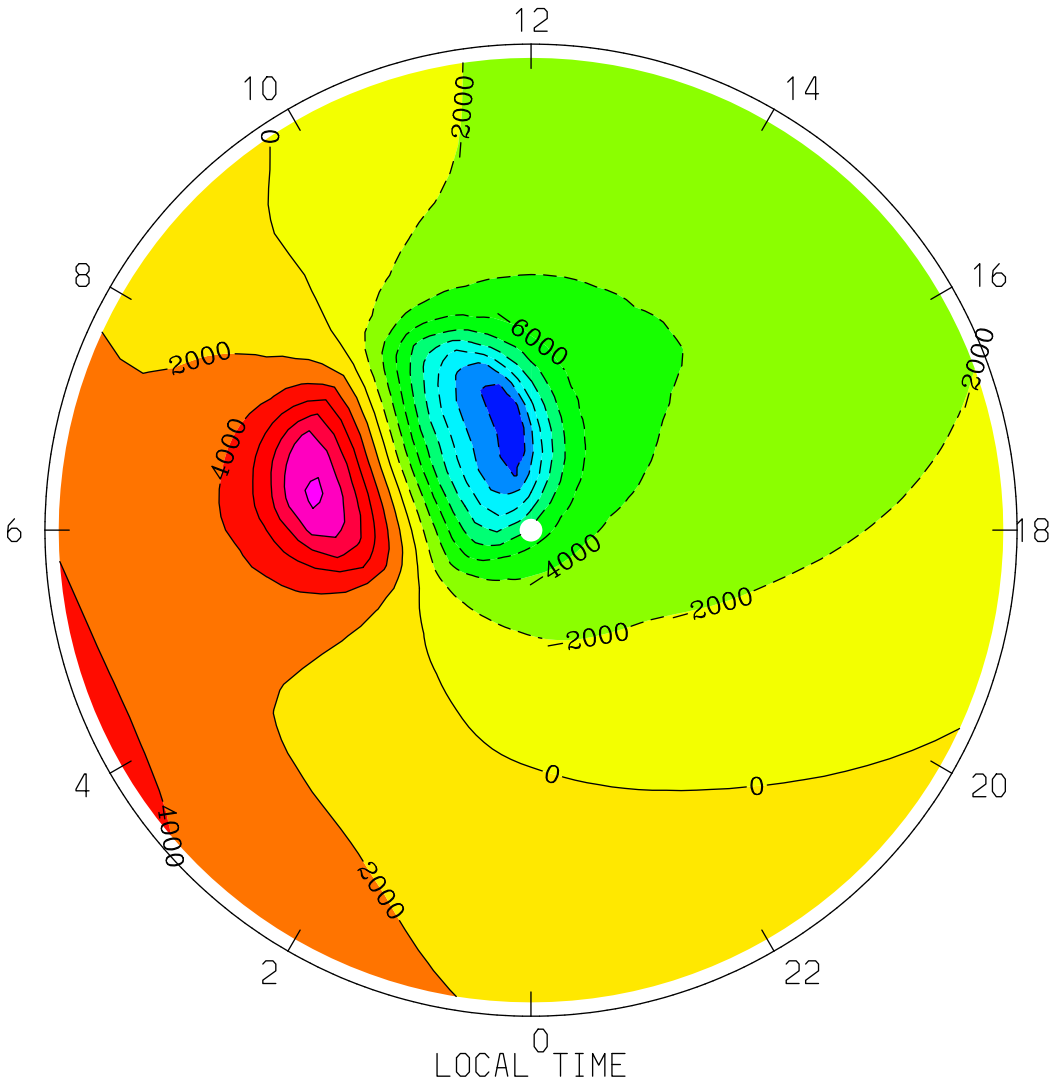
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= -1.6774E+04 1.2802E+04 INTERVAL= 2.0000E+03

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

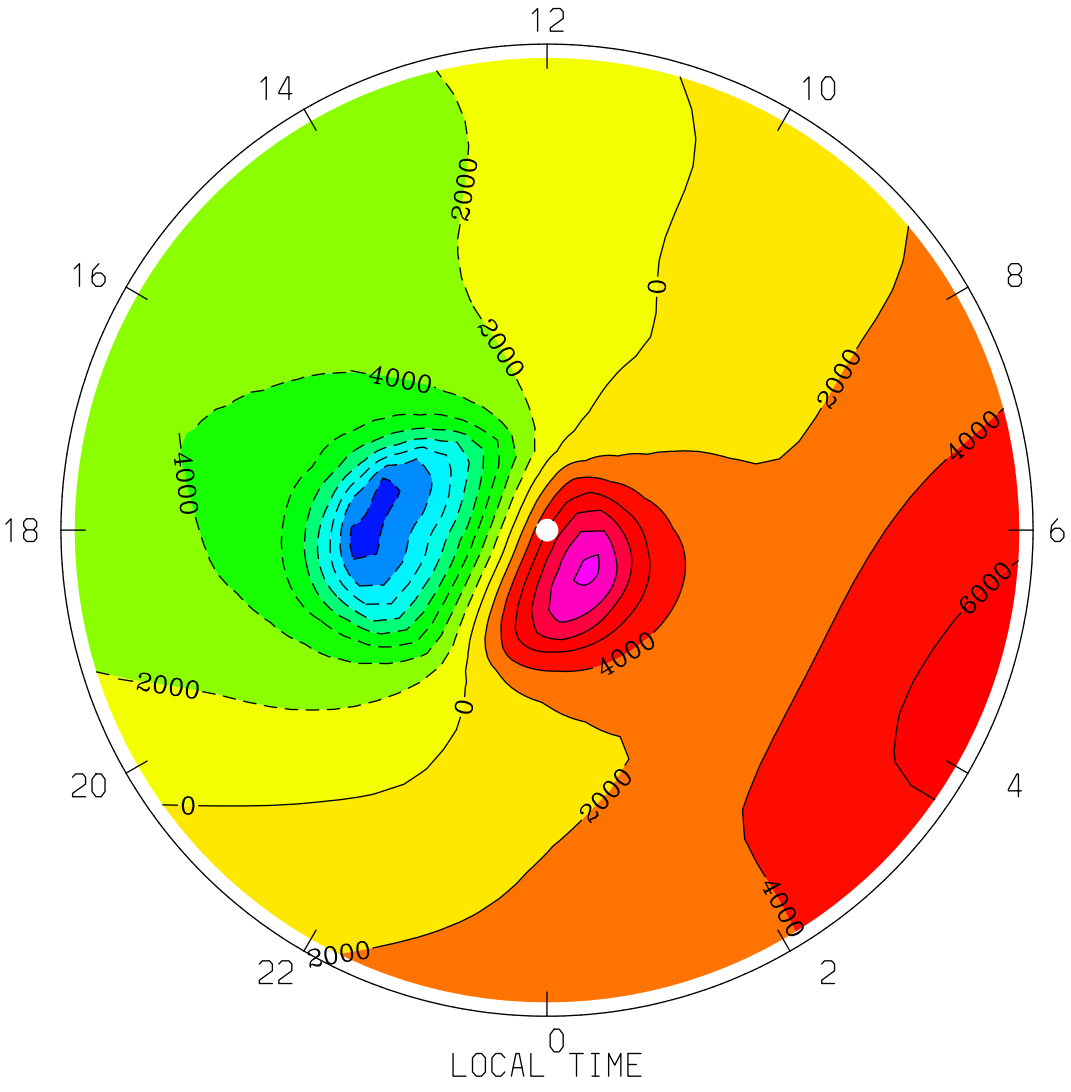
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= -1.6774E+04 1.2666E+04 INTERVAL= 2.0000E+03

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

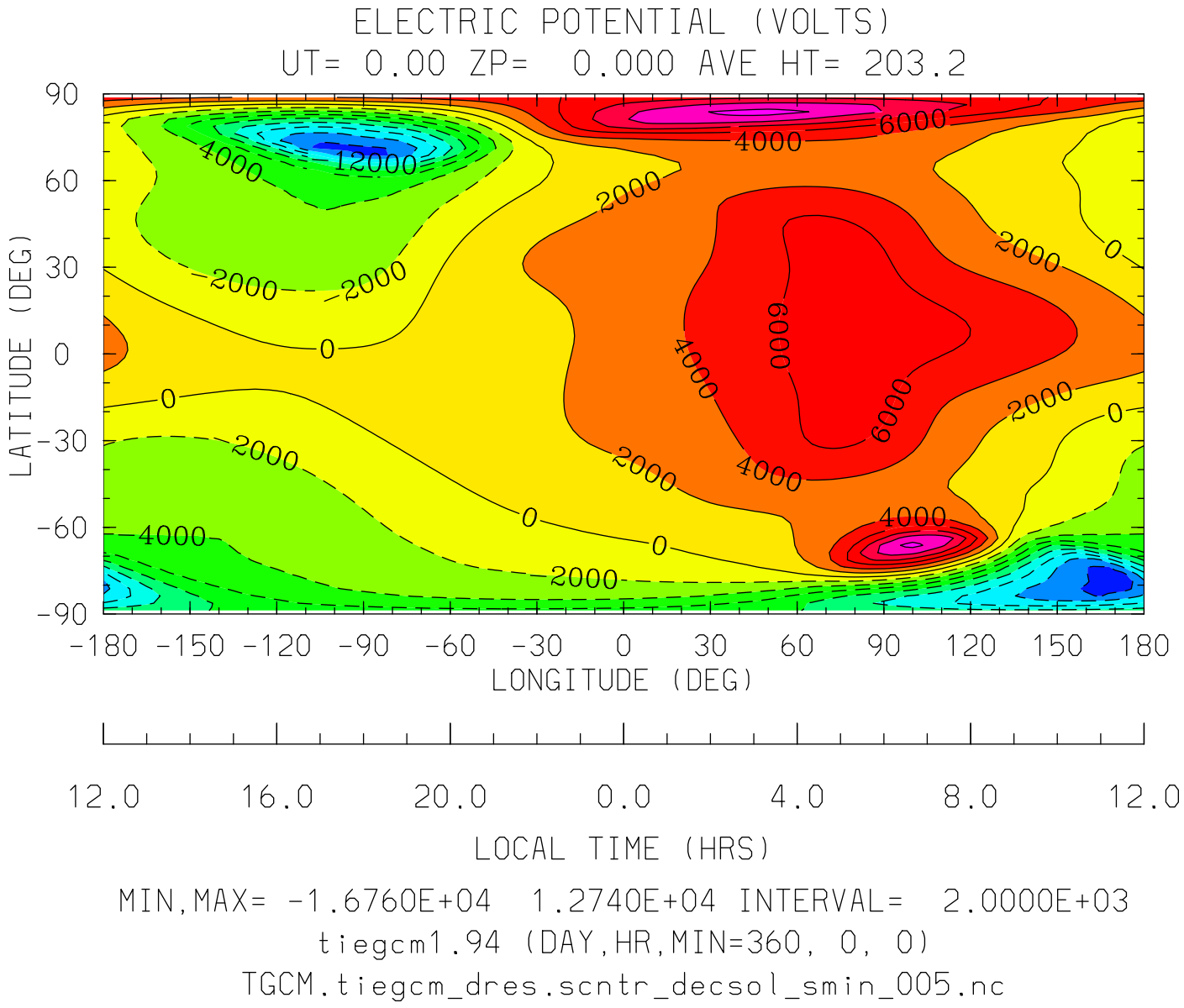
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

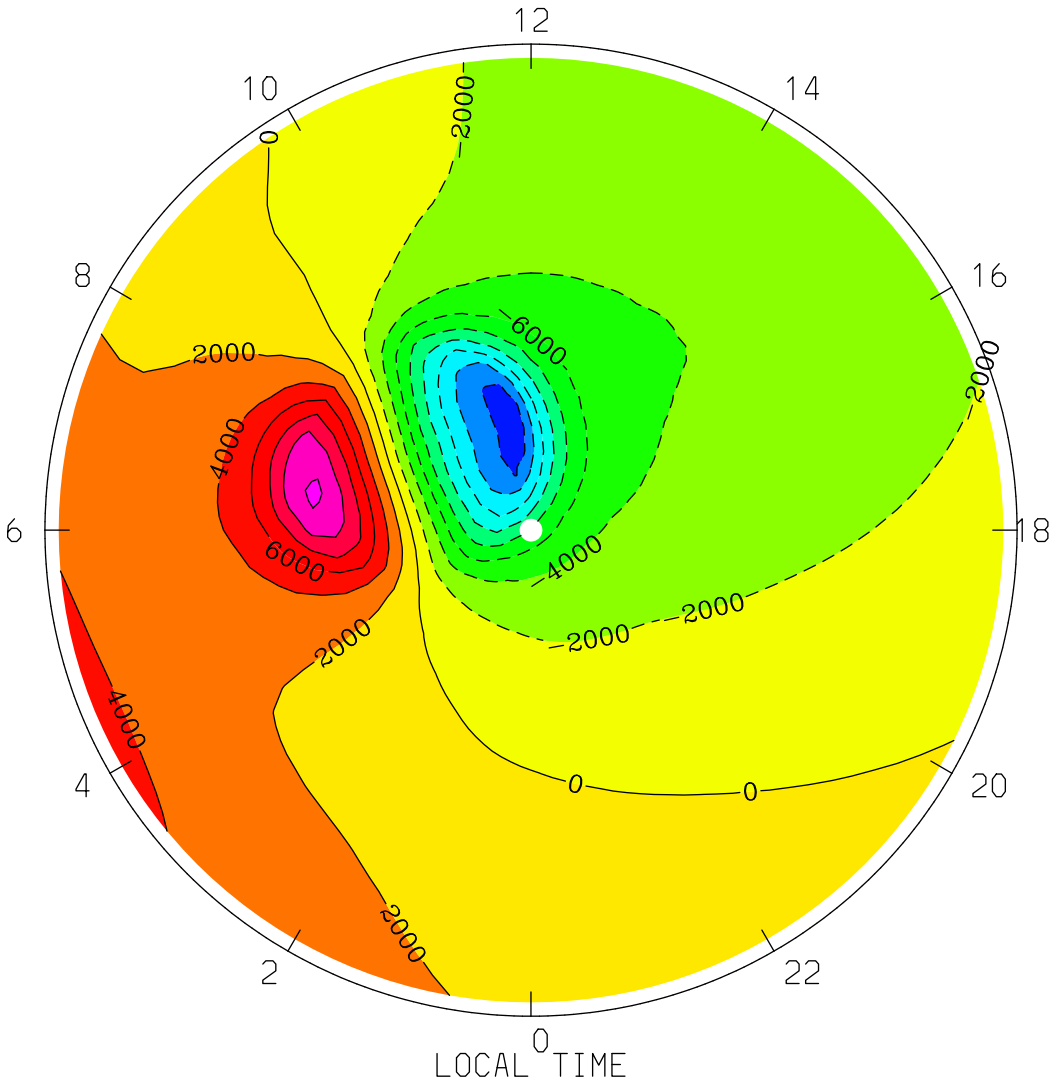


MIN,MAX= -1.6570E+04 1.2802E+04 INTERVAL= 2.0000E+03

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

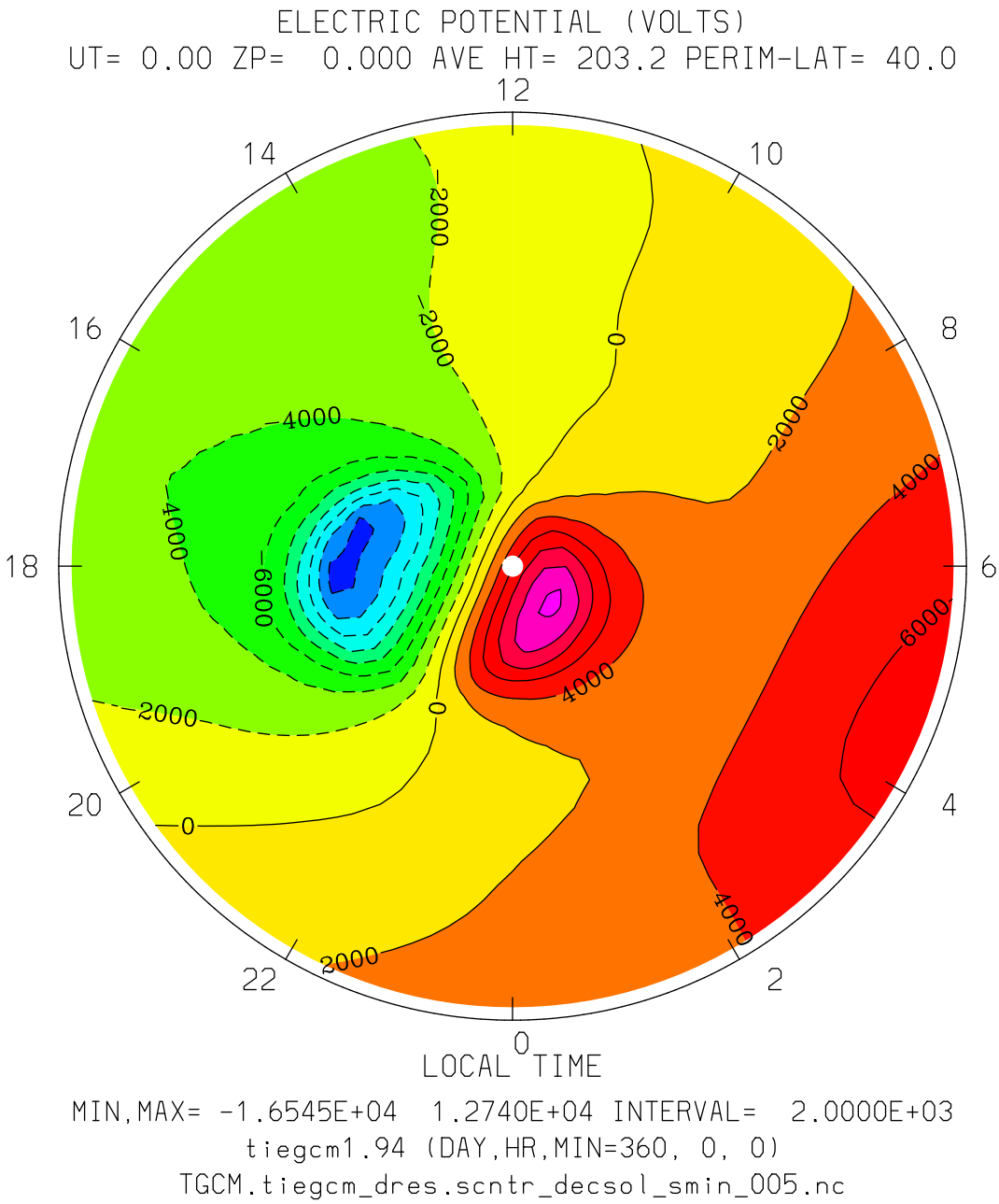

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 0.000 AVE HT= 203.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.6760E+04 1.2740E+04 INTERVAL= 2.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

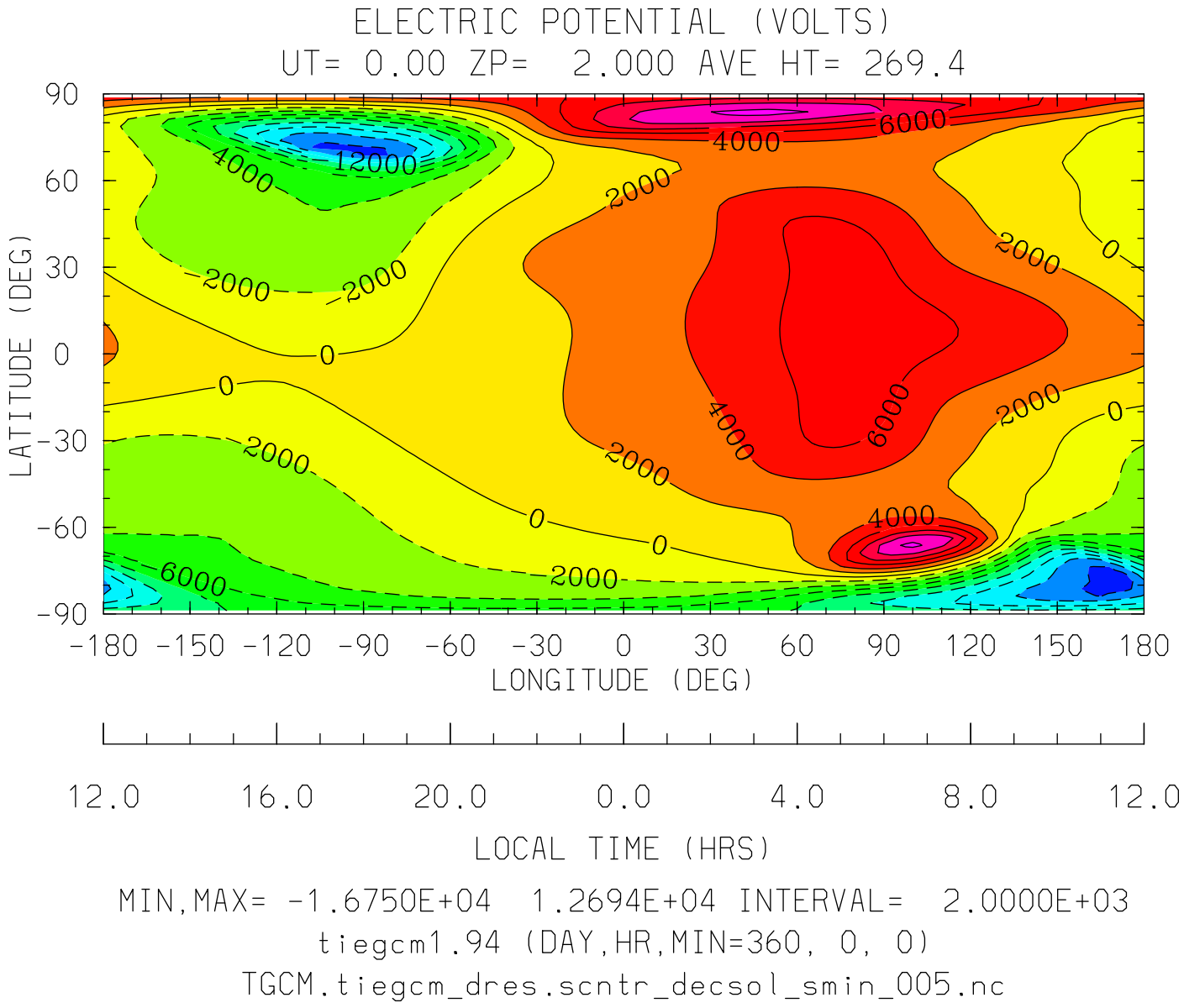


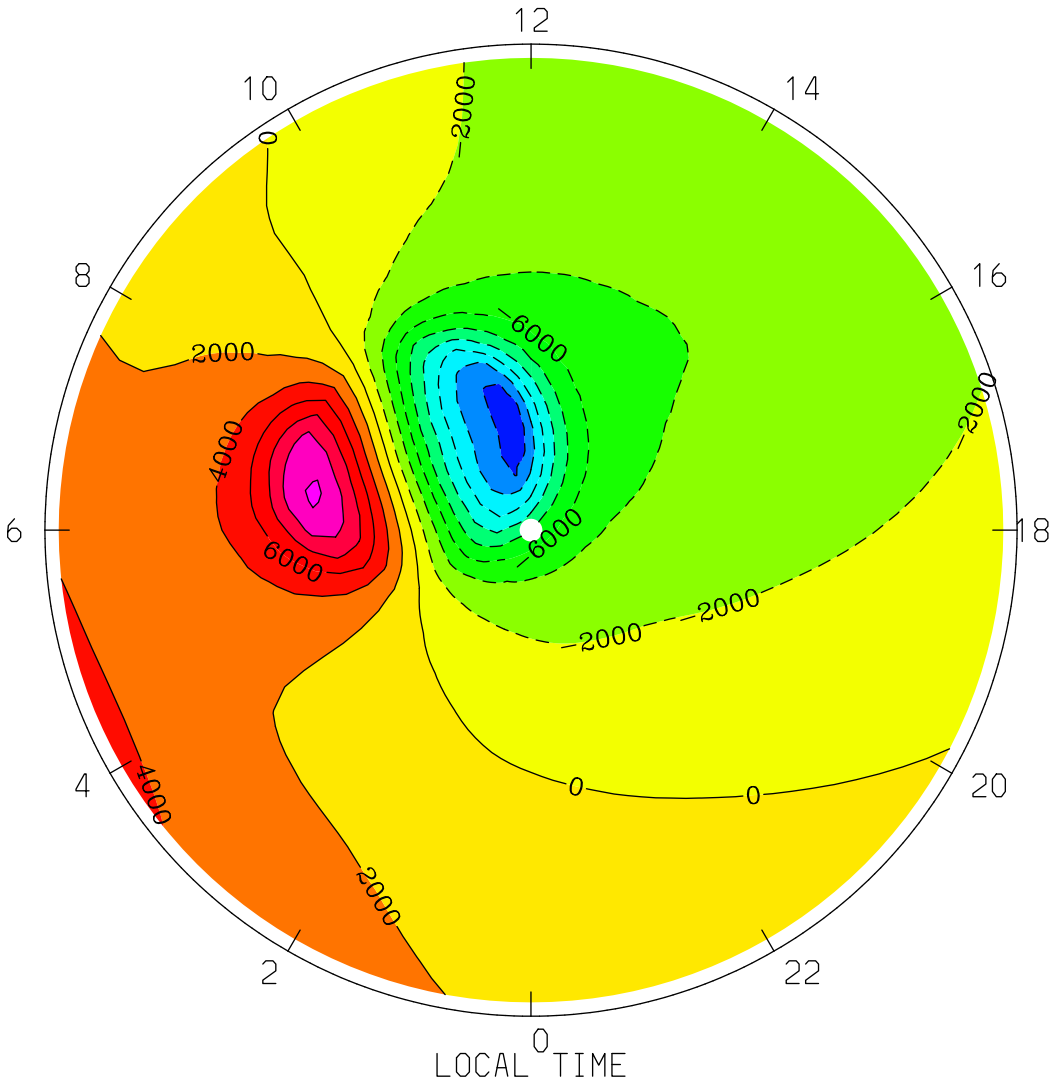
MIN,MAX= -1.6760E+04 1.2597E+04 INTERVAL= 2.0000E+03

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
-2000
-4000
-6000
0
2000
4000
6000
LOCAL TIME
MIN,MAX= -1.6545E+04 1.2740E+04 INTERVAL= 2.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

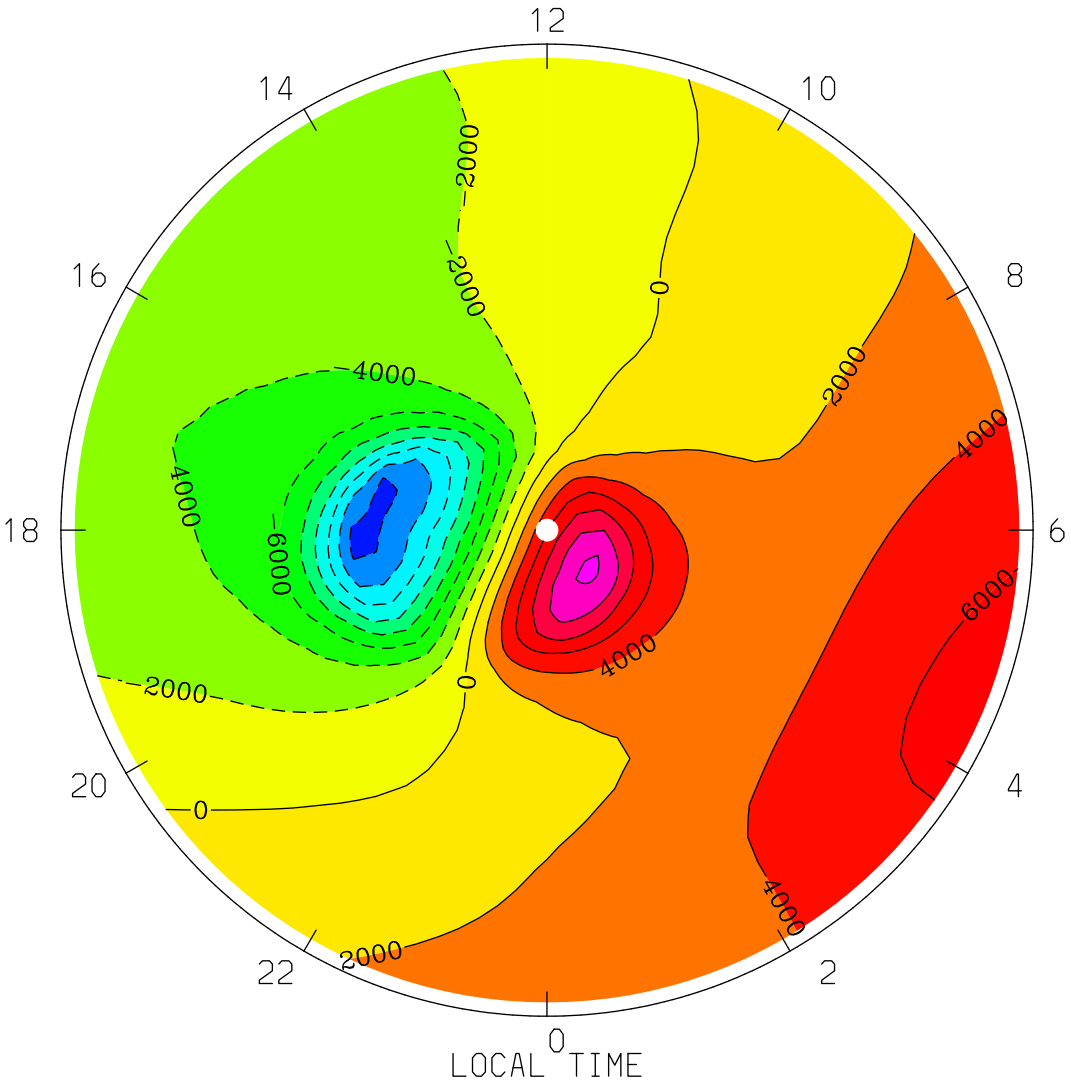

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 2.000 AVE HT= 269.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.6750E+04 1.2694E+04 INTERVAL= 2.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

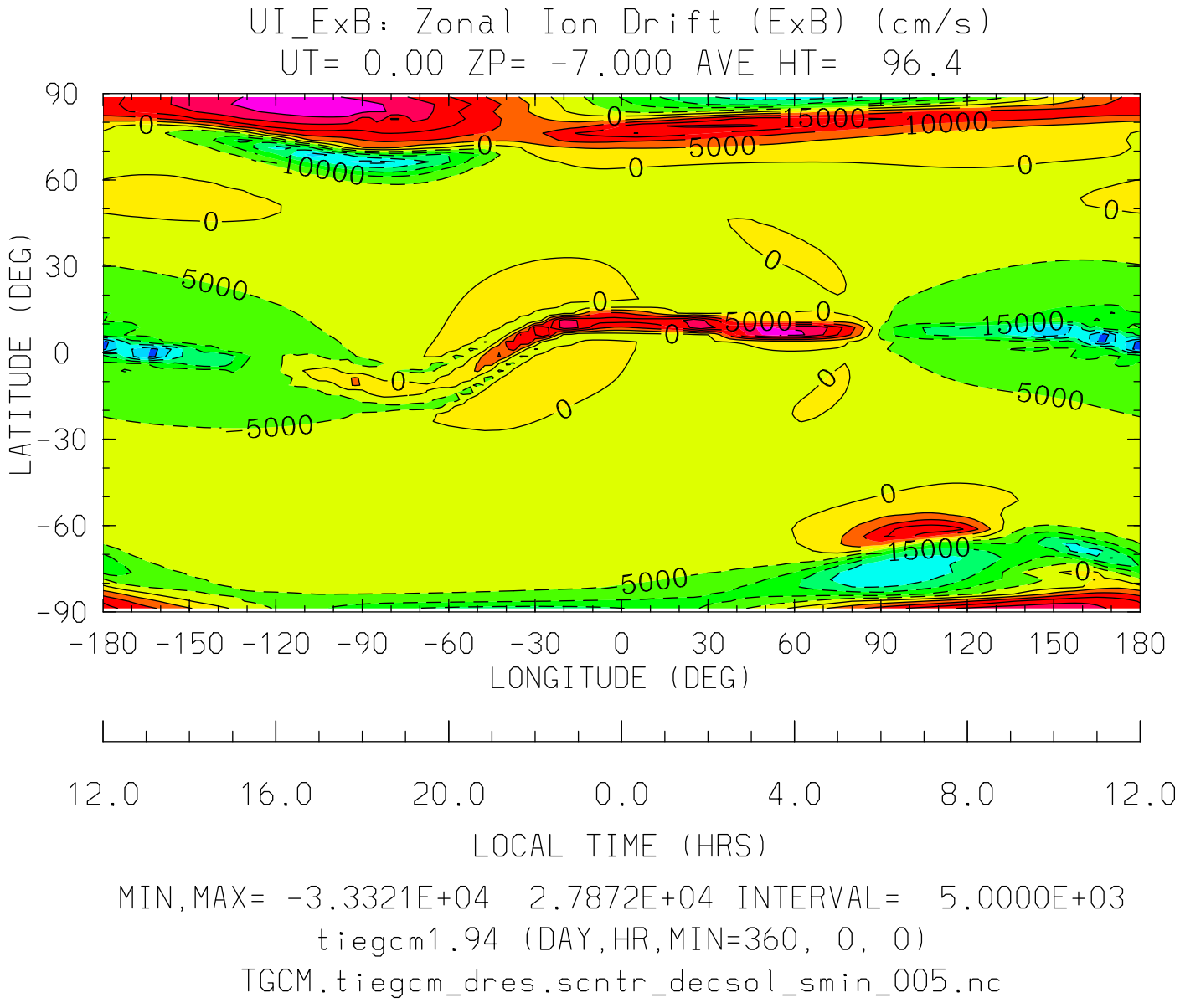


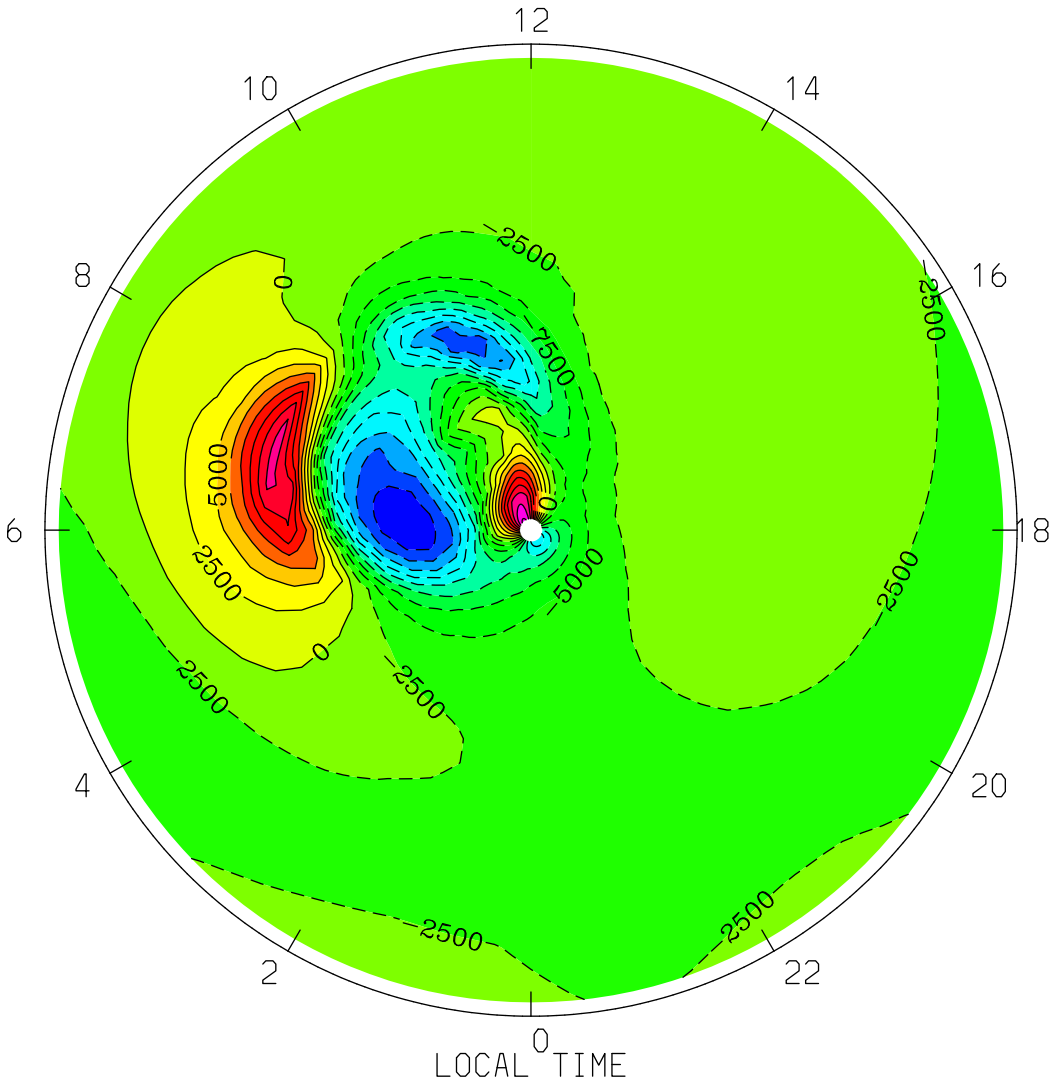
MIN,MAX= -1.6750E+04 1.2544E+04 INTERVAL= 2.0000E+03

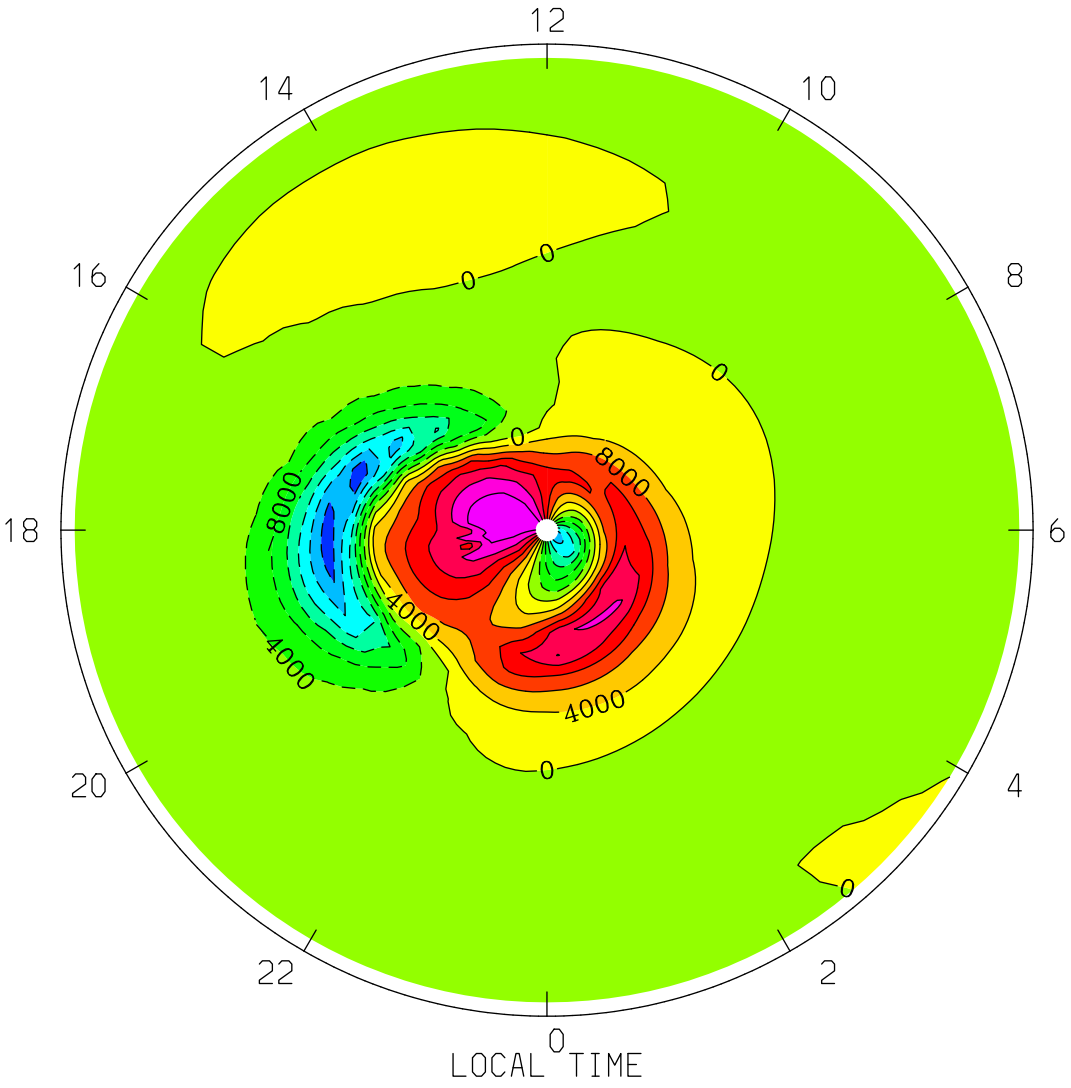
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

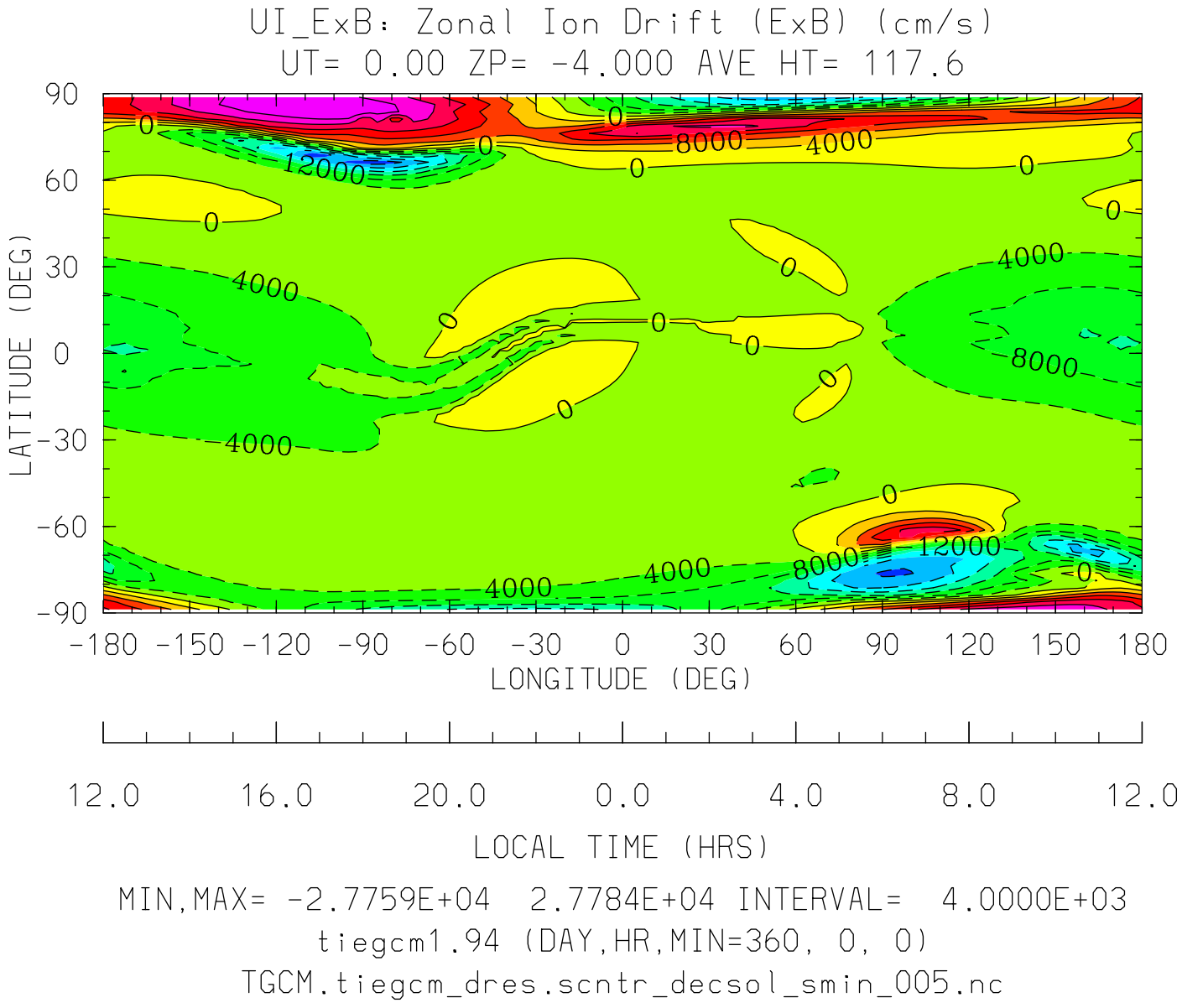
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

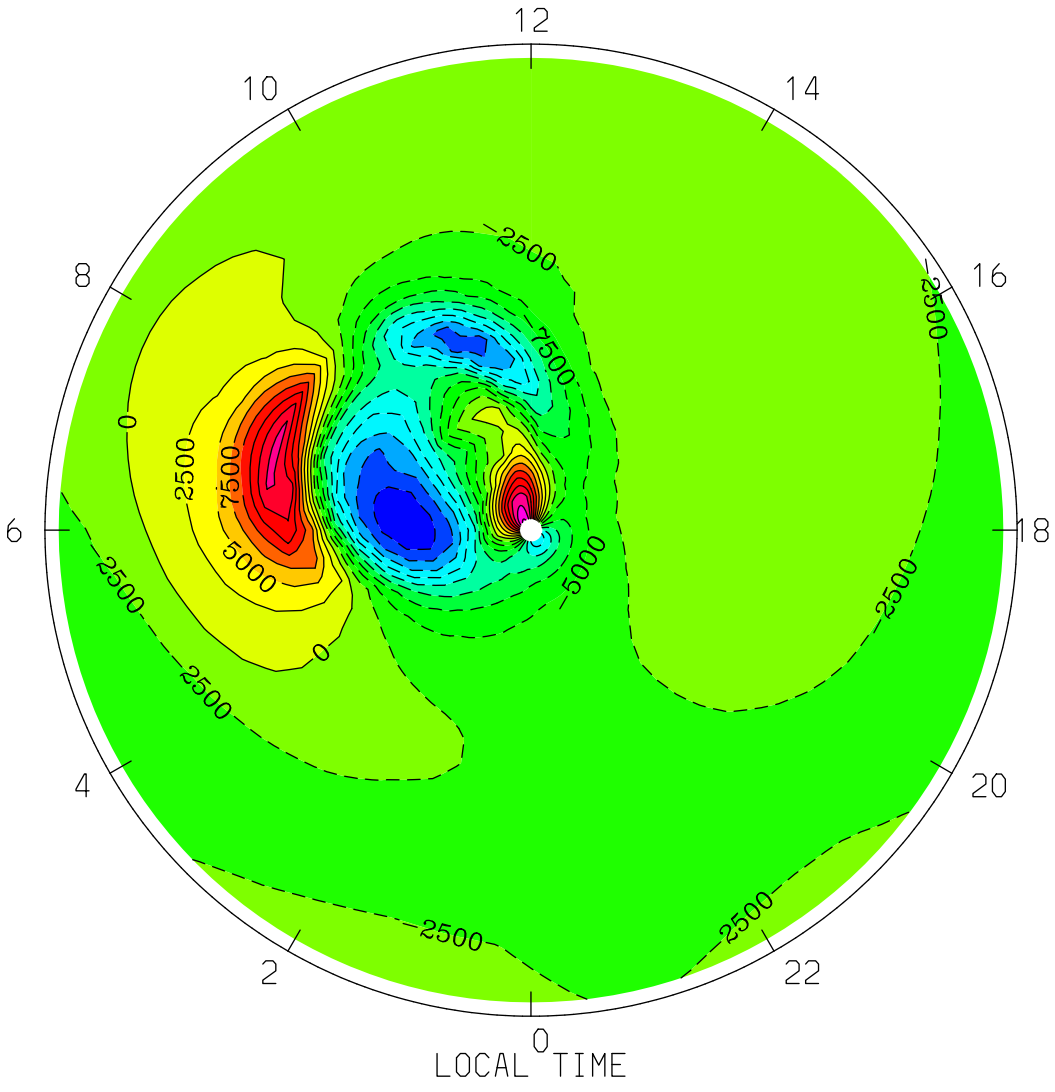

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
-2000
0
2000
4000
6000
LOCAL TIME
MIN,MAX= -1.6527E+04 1.2694E+04 INTERVAL= 2.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

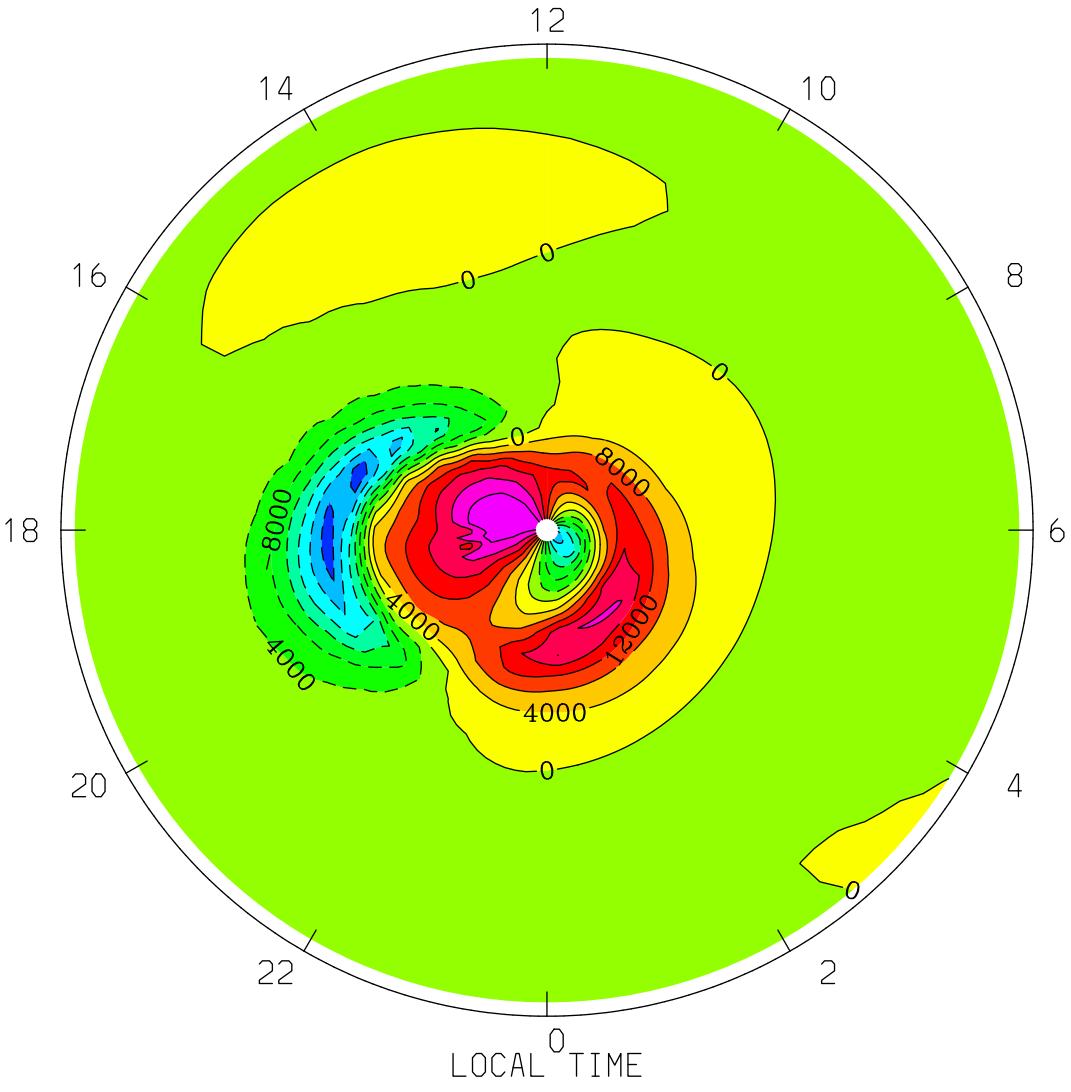

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.3321E+04 2.7872E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

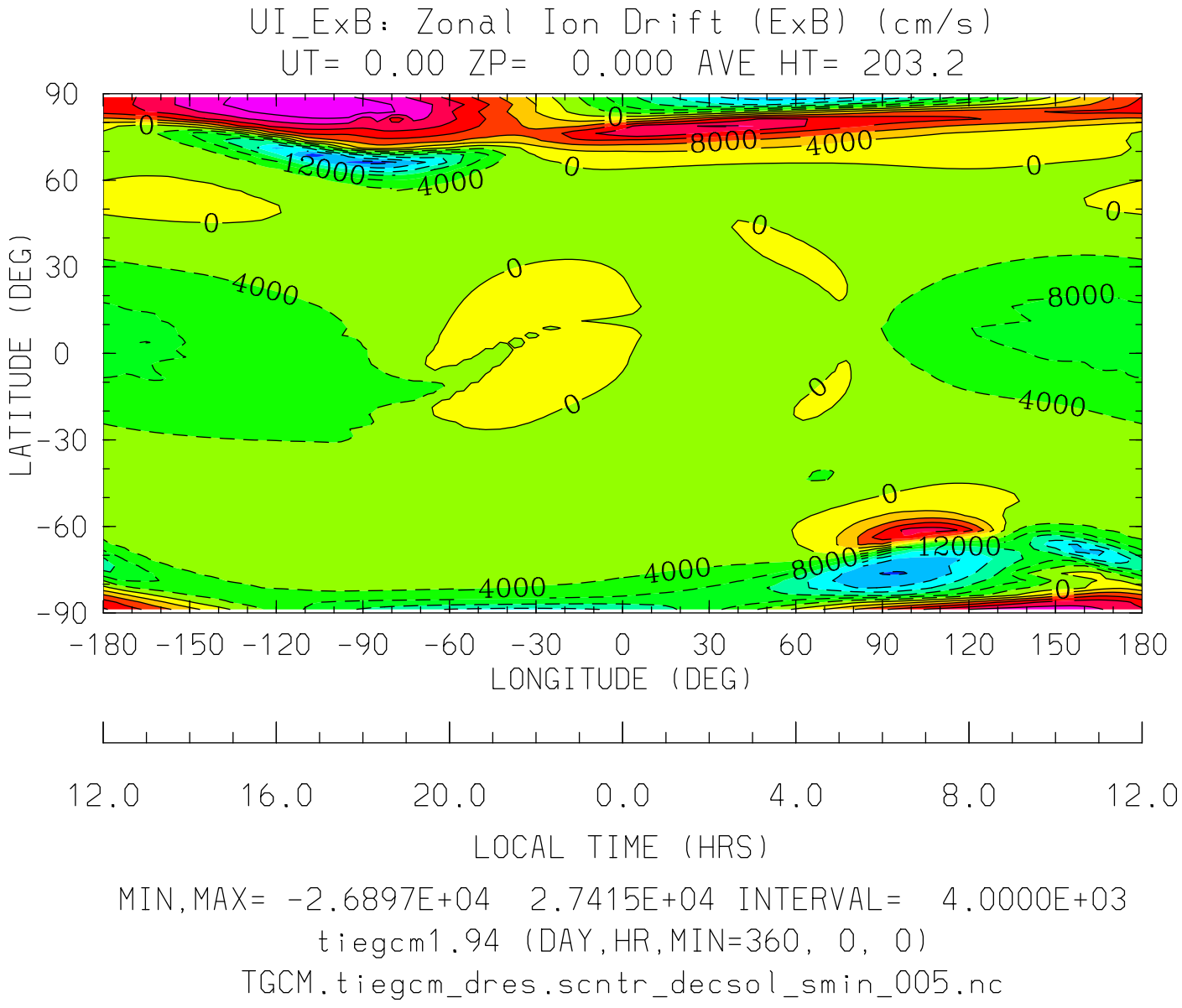

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
2500
0
7500
5000
MIN,MAX= -2.4621E+04 2.3185E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

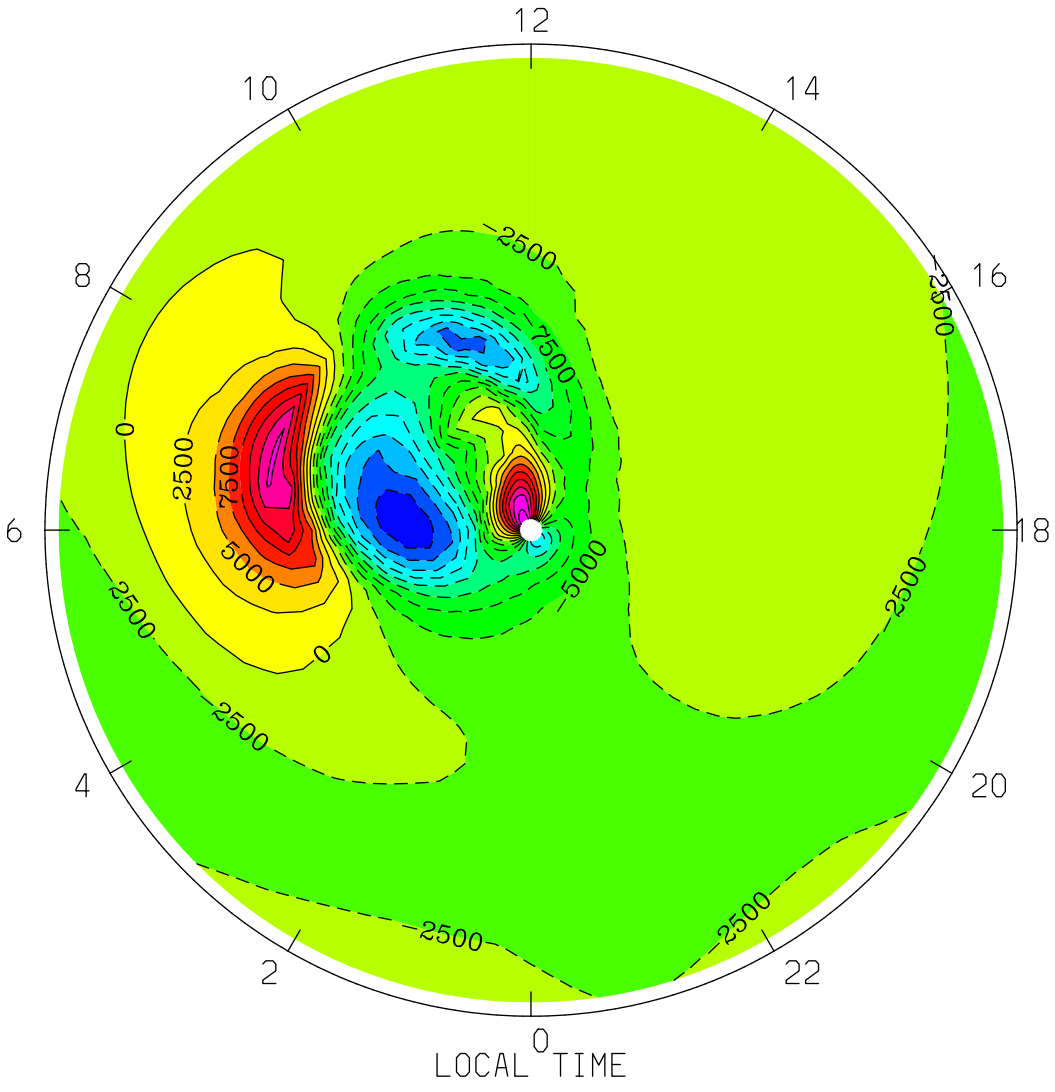

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
0
0
0
8000
8000
4000
4000
4000
0
0
MIN,MAX= -2.7965E+04 2.7872E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

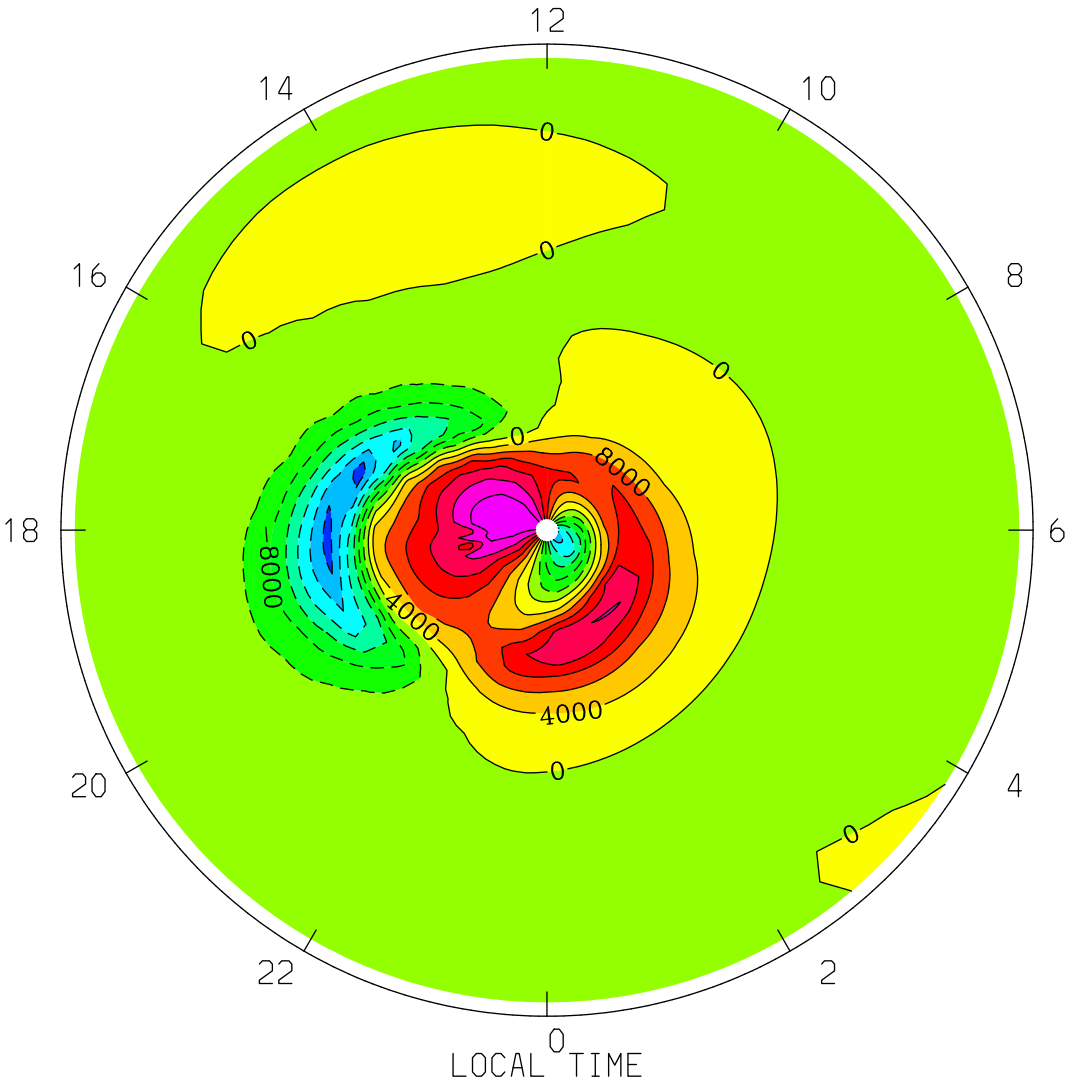

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 117.6
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.7759E+04 2.7784E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
2500
7500
5000
0
LOCAL TIME
MIN,MAX= -2.4537E+04 2.3028E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
0
0
0
0
8000
8000
4000
4000
12000
4000
0
0
MIN,MAX= -2.7759E+04 2.7784E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 203.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.6897E+04 2.7415E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

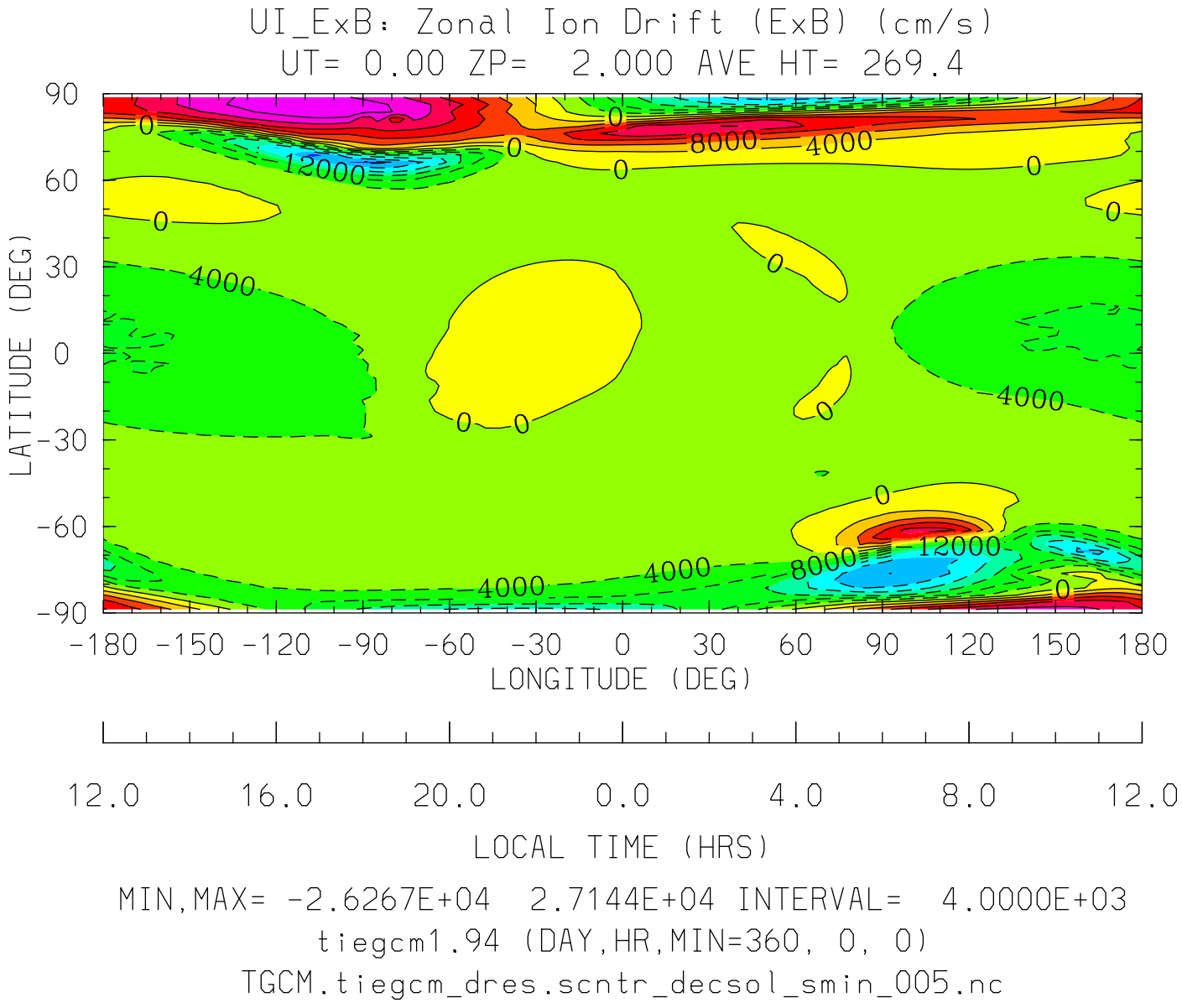

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
2500
7500
5000
0
LOCAL TIME
MIN,MAX= -2.4224E+04 2.2465E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

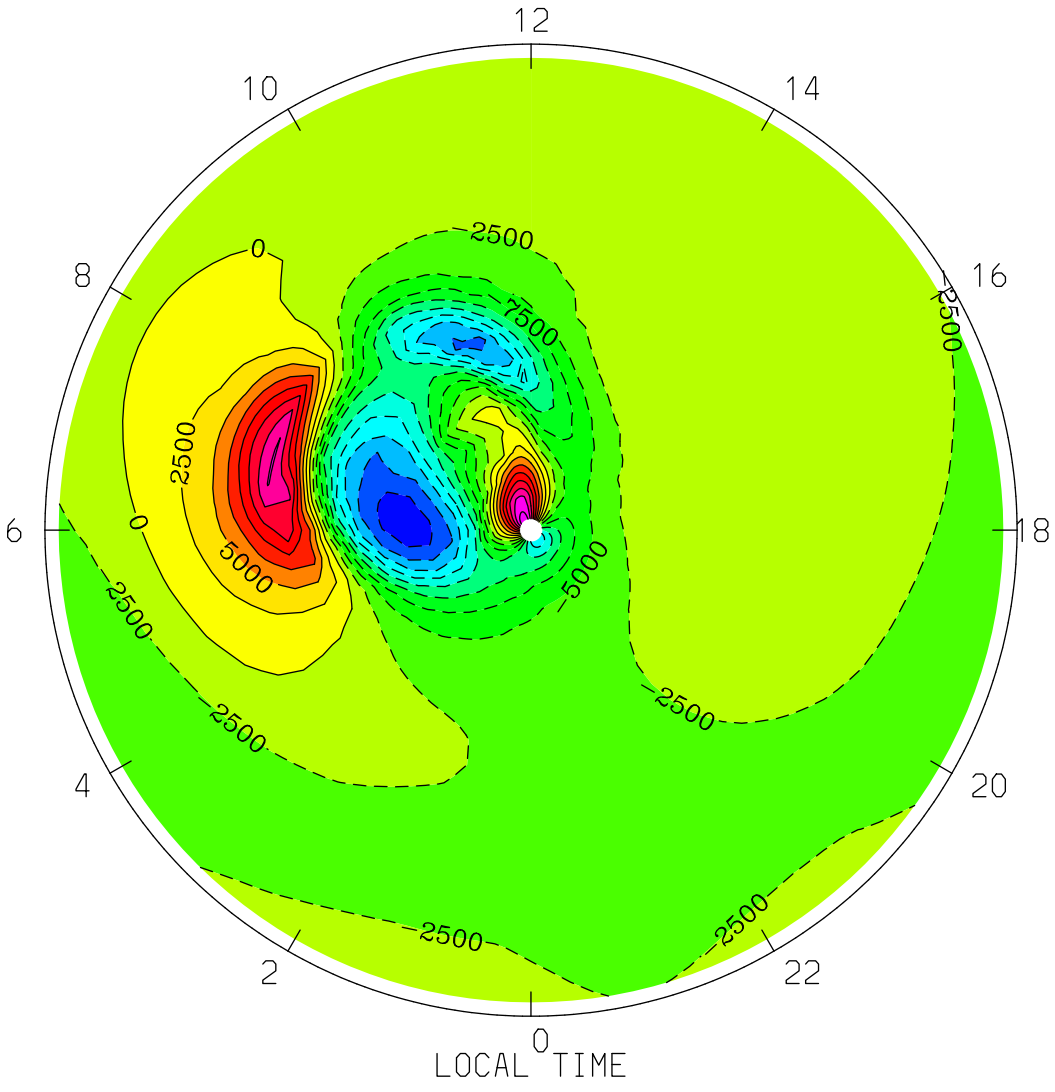


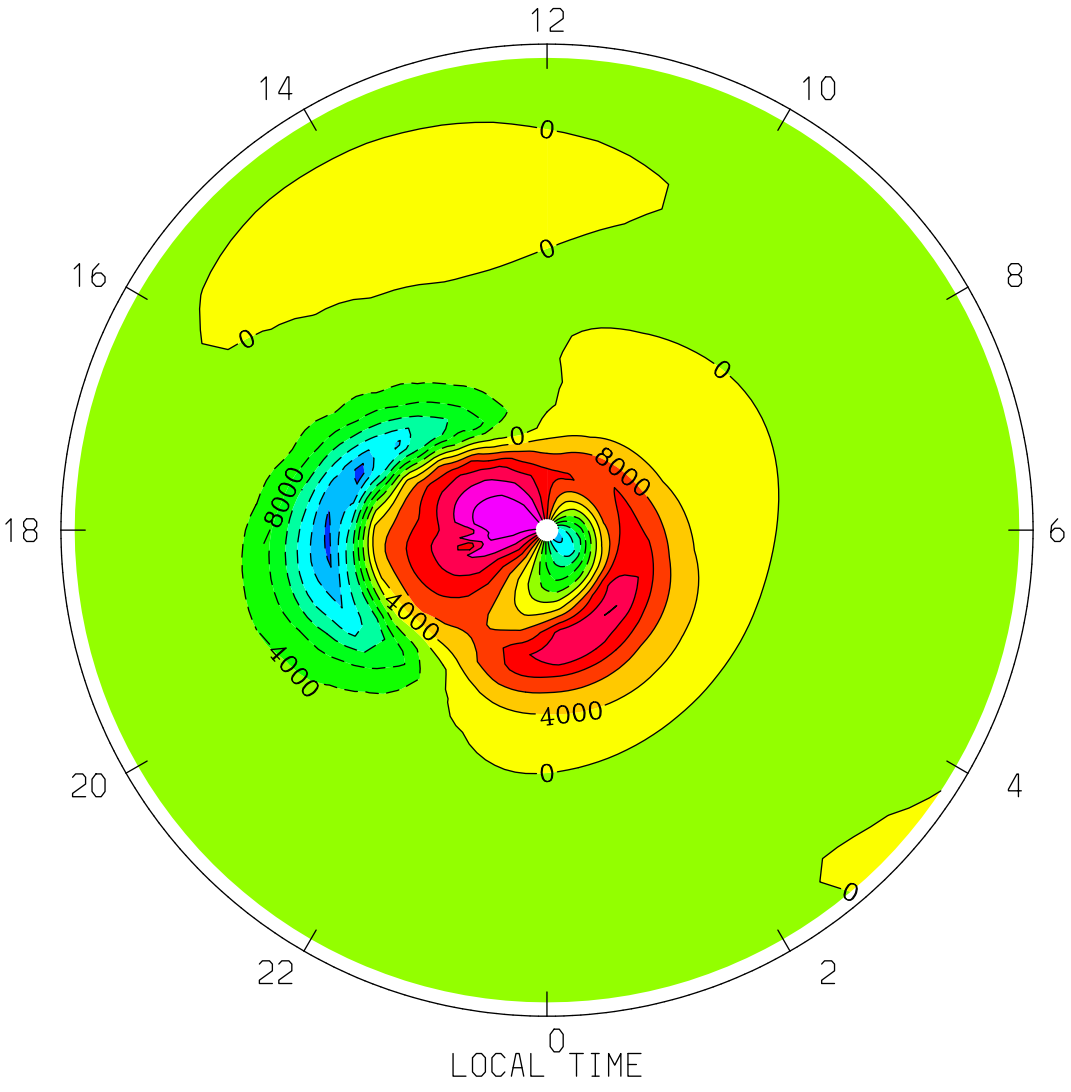
MIN,MAX= -2.6897E+04 2.7415E+04 INTERVAL= 4.0000E+03

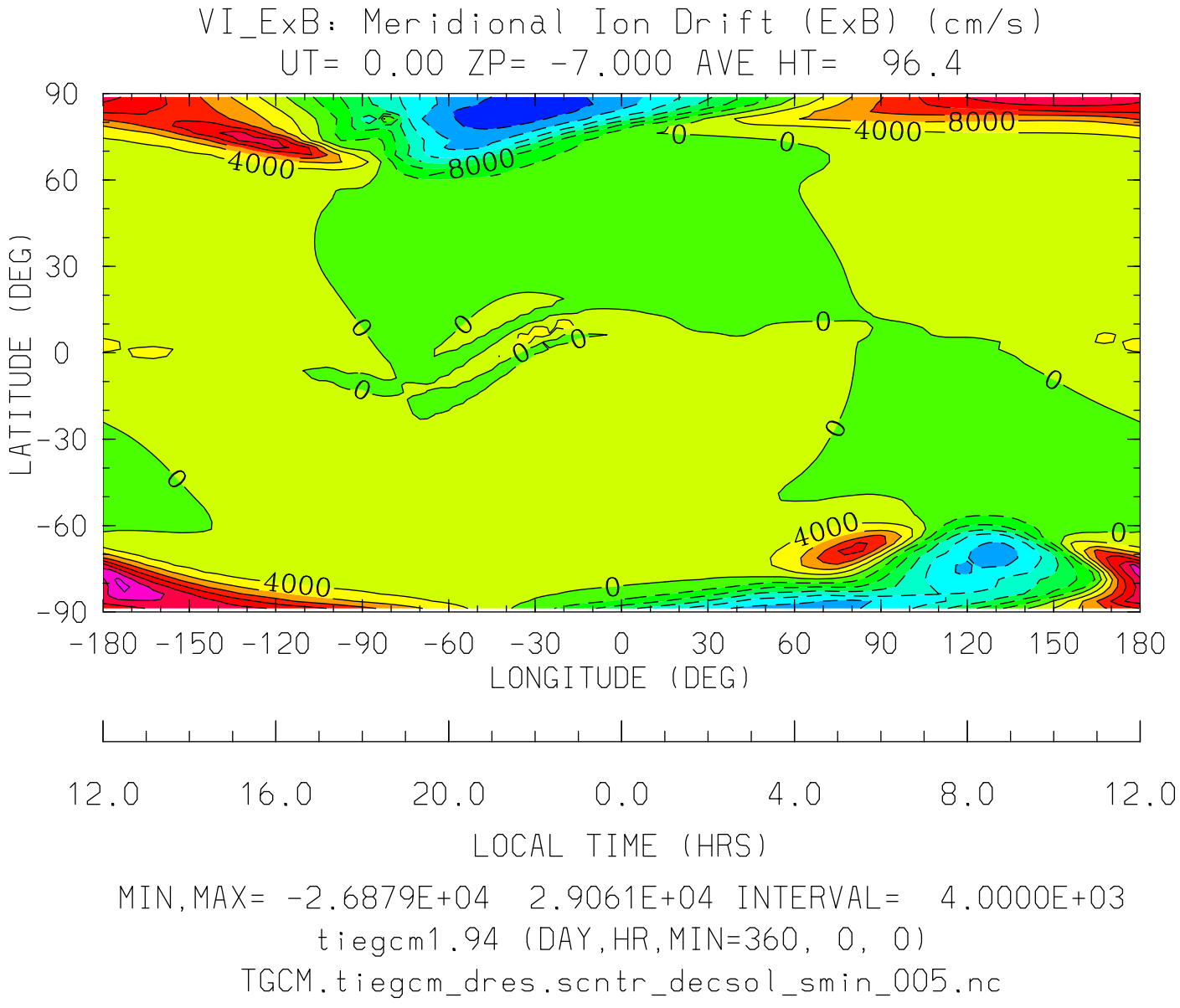
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 269.4
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= -2.6267E+04 2.7144E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
2500
7500
5000
MIN,MAX= -2.4001E+04 2.2058E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

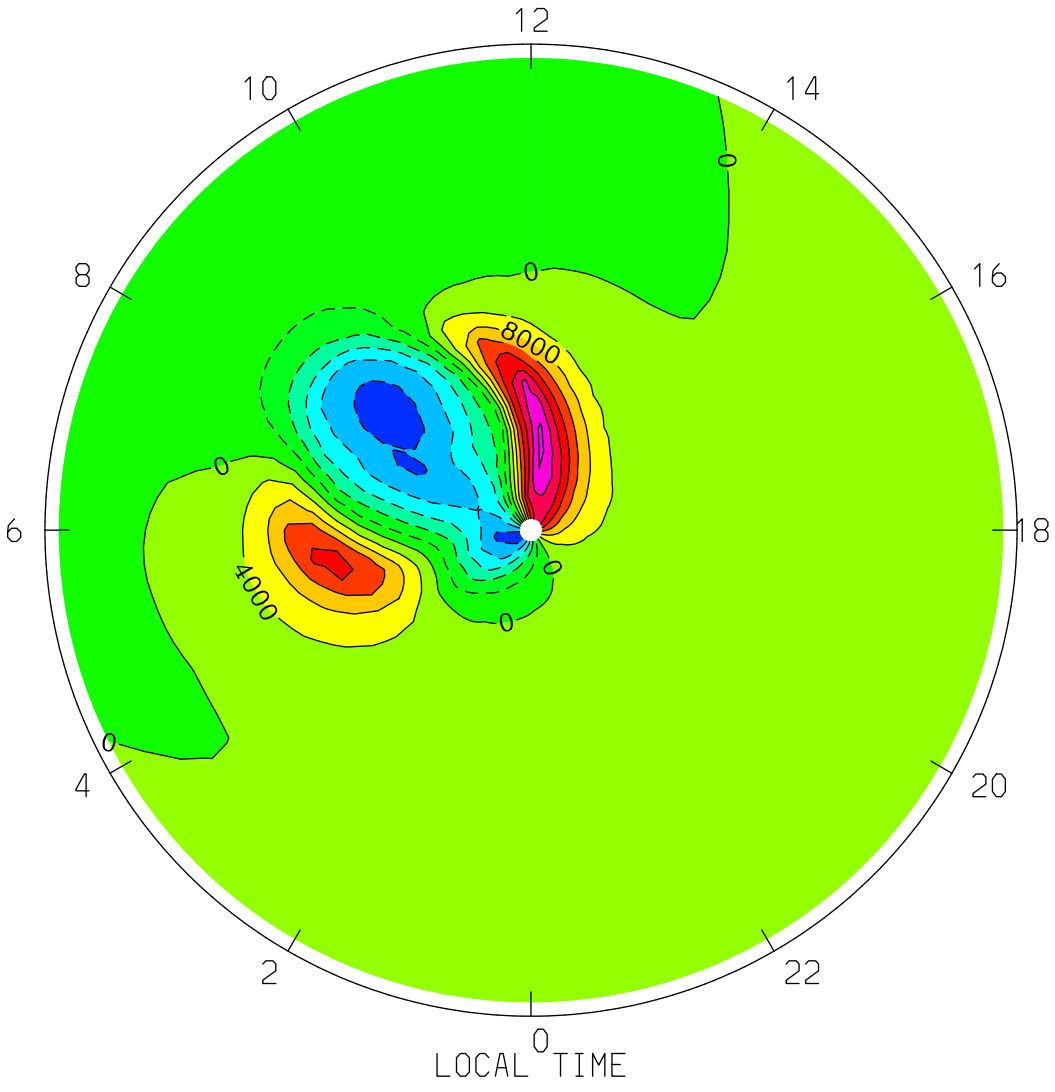

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
0
0
0
0
0
8000
8000
4000
4000
4000
LOCAL TIME
MIN,MAX= -2.6267E+04 2.7144E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

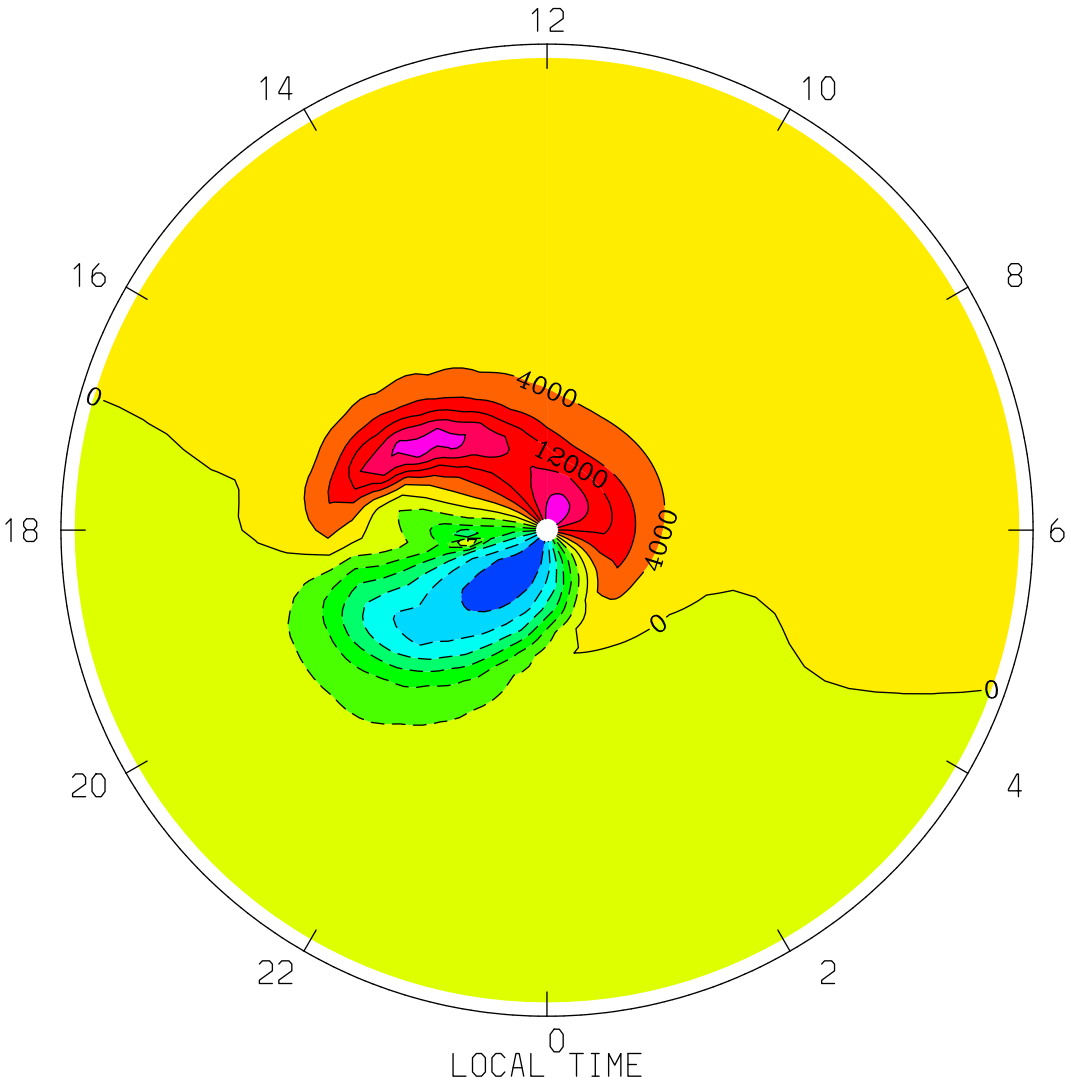


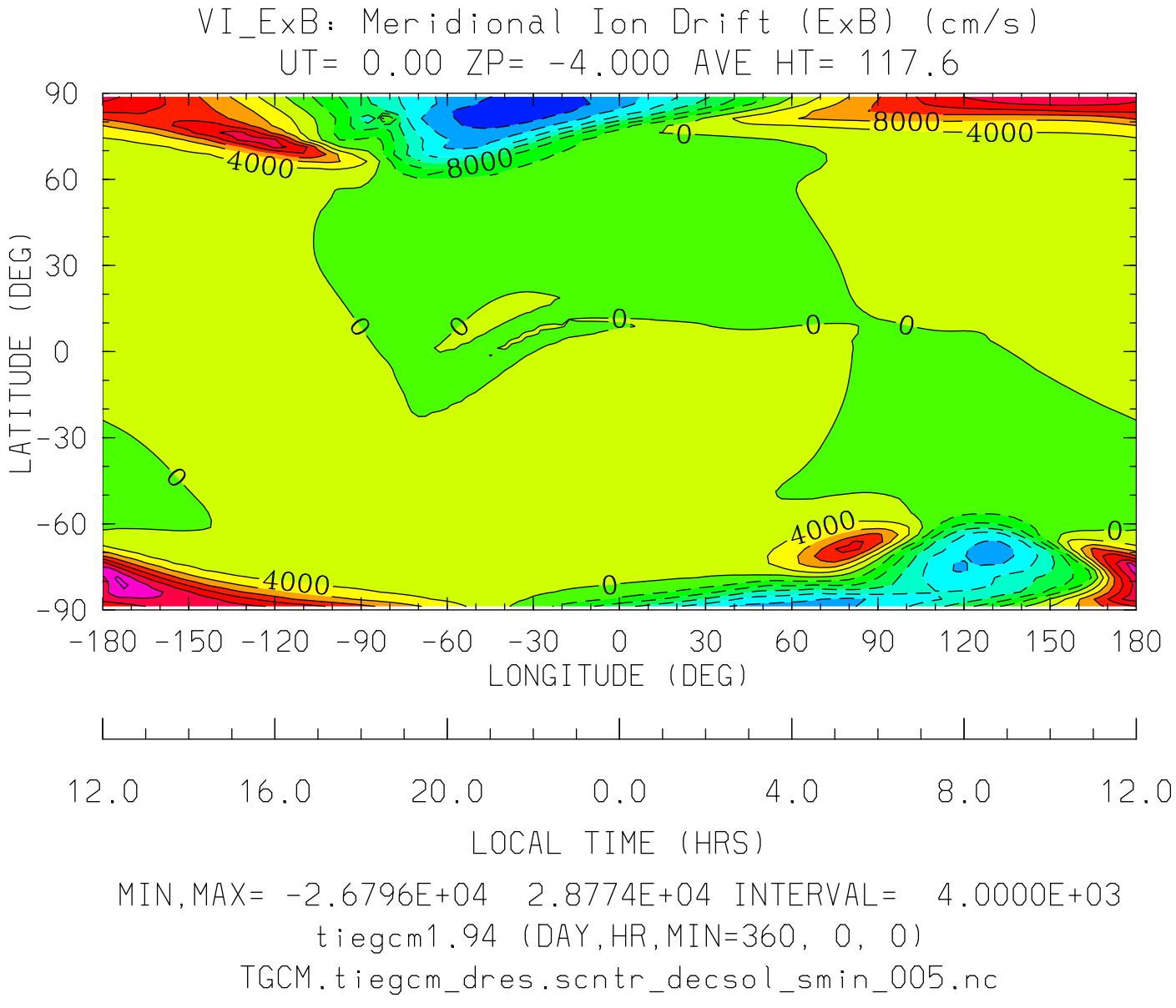
MIN,MAX= -2.6879E+04 2.9061E+04 INTERVAL= 4.0000E+03

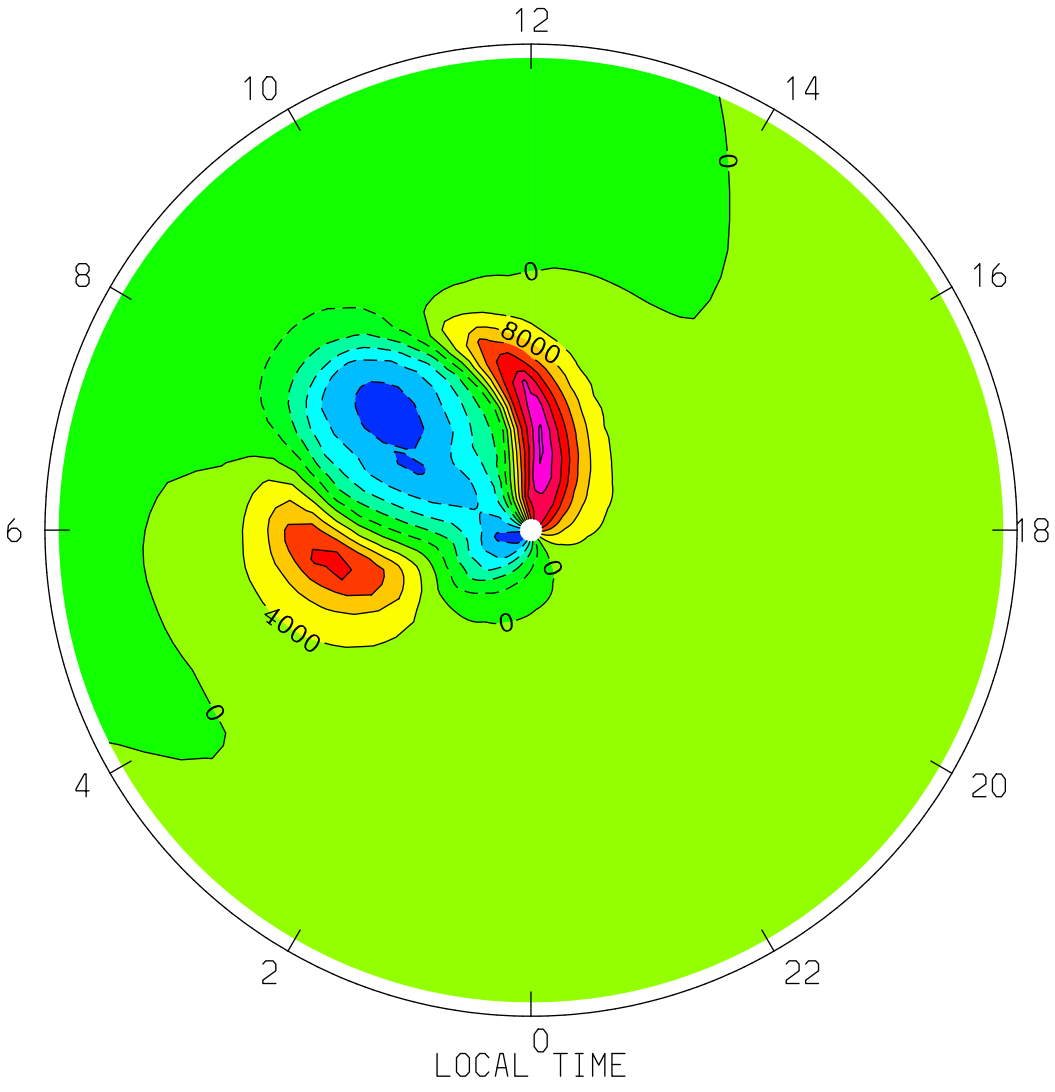
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

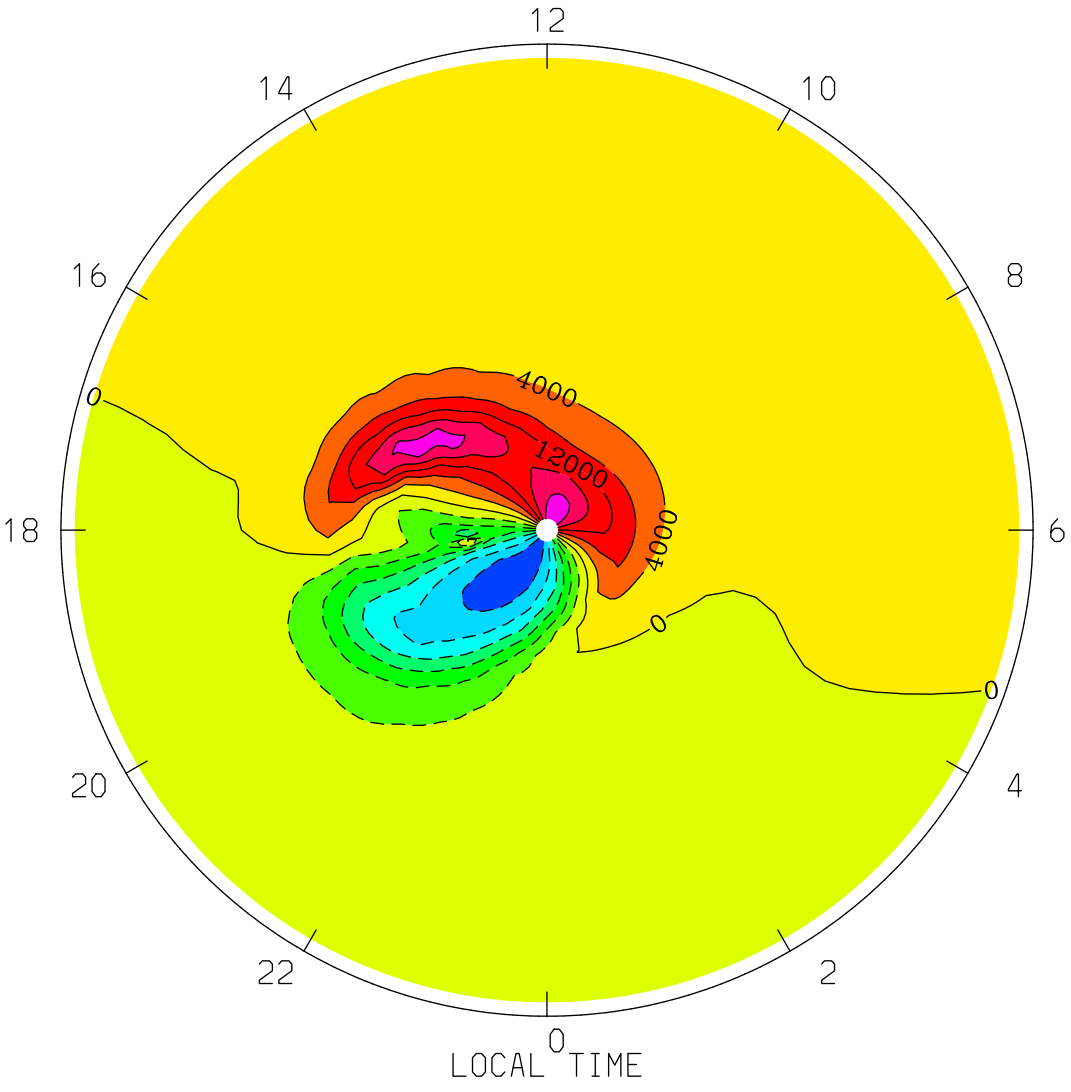
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

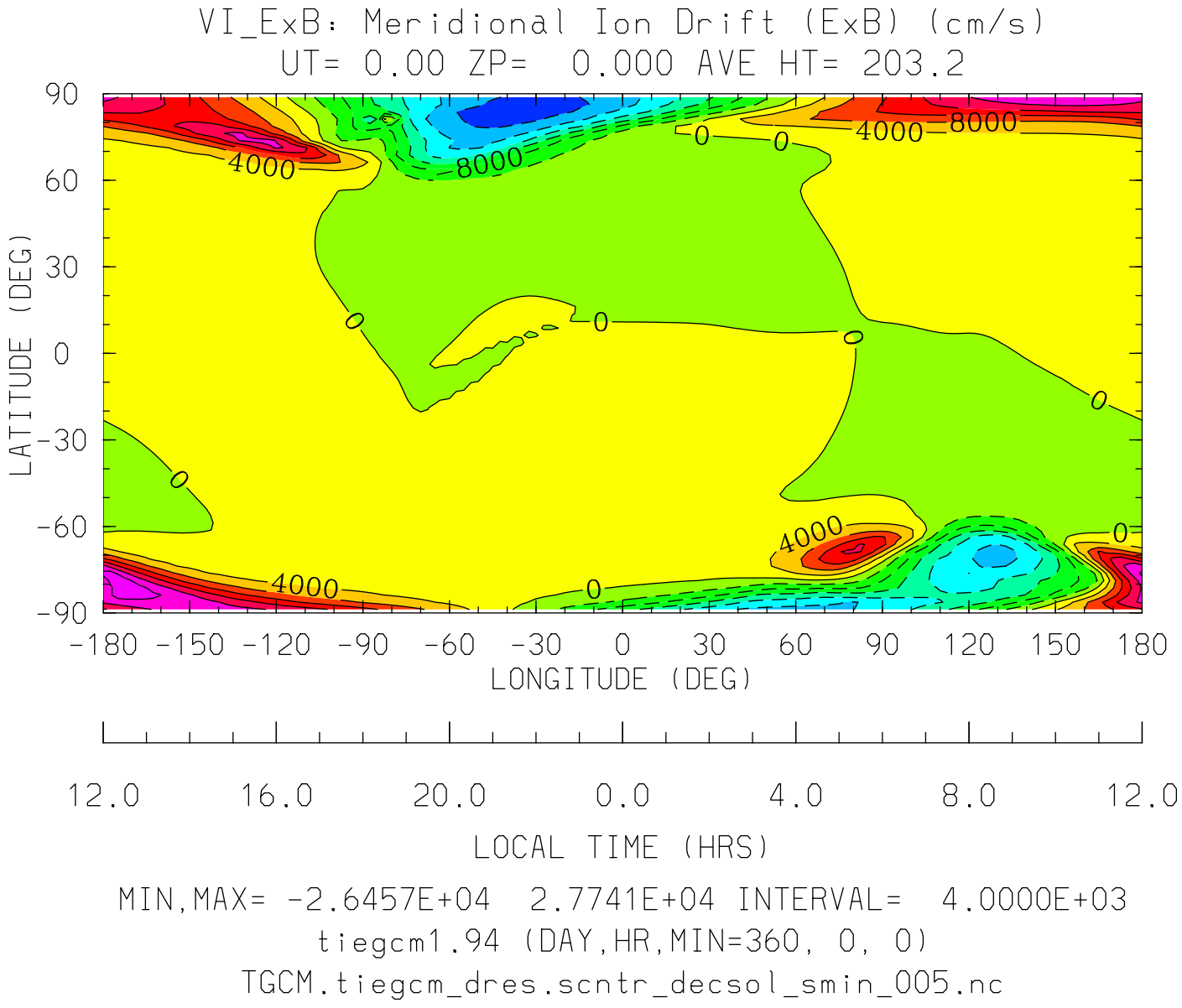

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
8000
4000
MIN,MAX= -2.1989E+04 2.9061E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
4000
12000
4000
0
0
0
LOCAL TIME
MIN,MAX= -2.6879E+04 2.3613E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 117.6
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.6796E+04 2.8774E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
0
8000
4000
LOCAL TIME
MIN,MAX= -2.1907E+04 2.8774E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

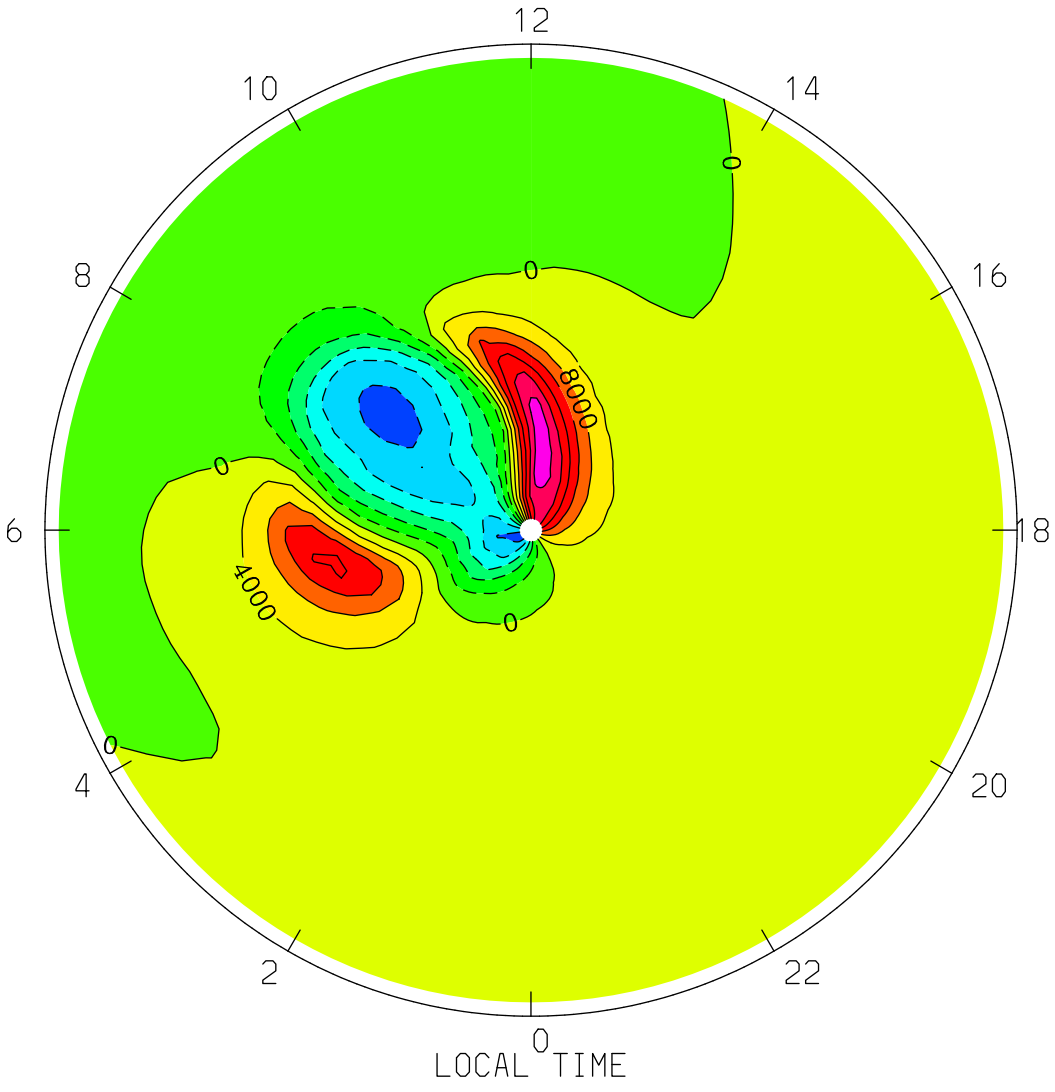

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
4000
12000
4000
0
0
0
LOCAL TIME
MIN,MAX= -2.6796E+04 2.3556E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

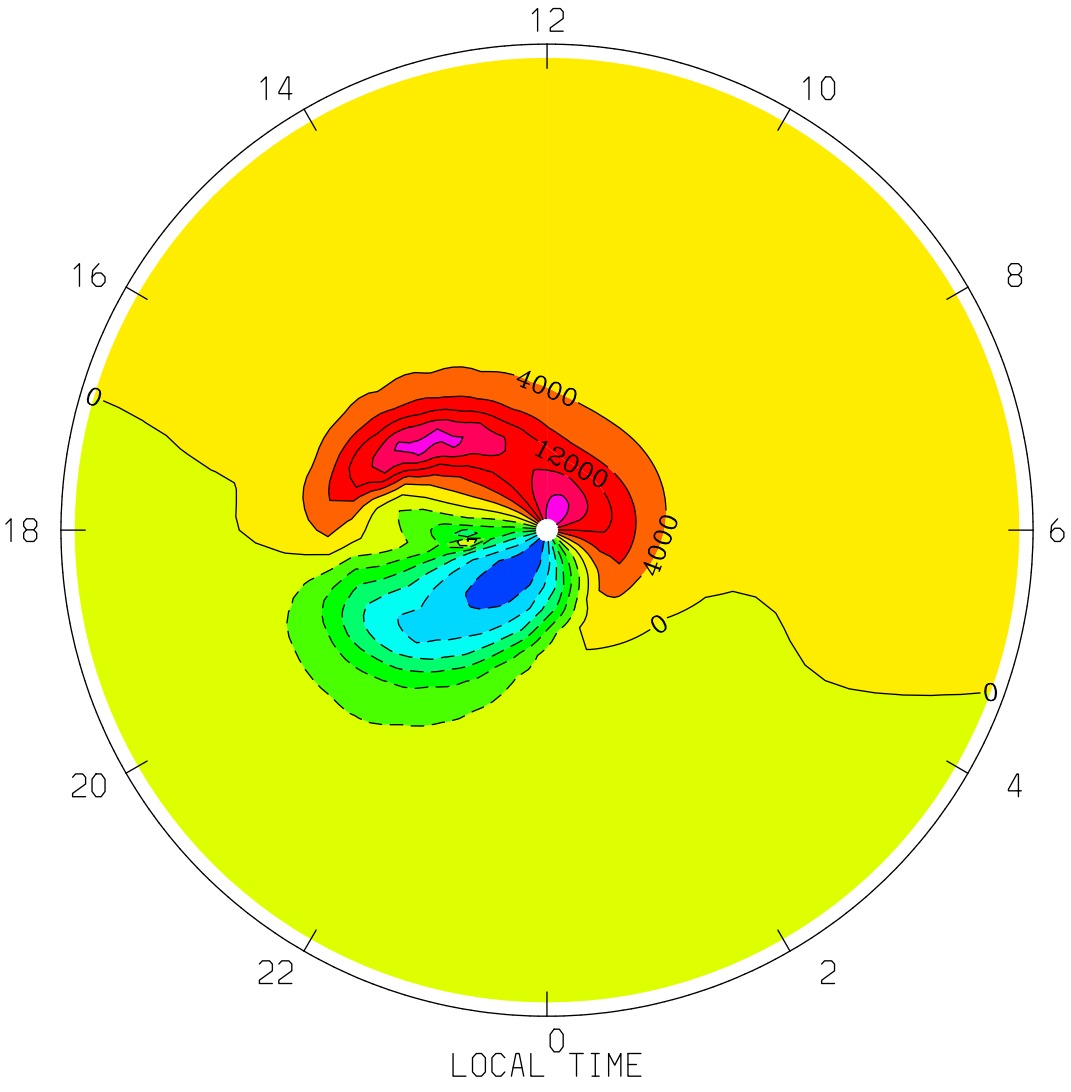


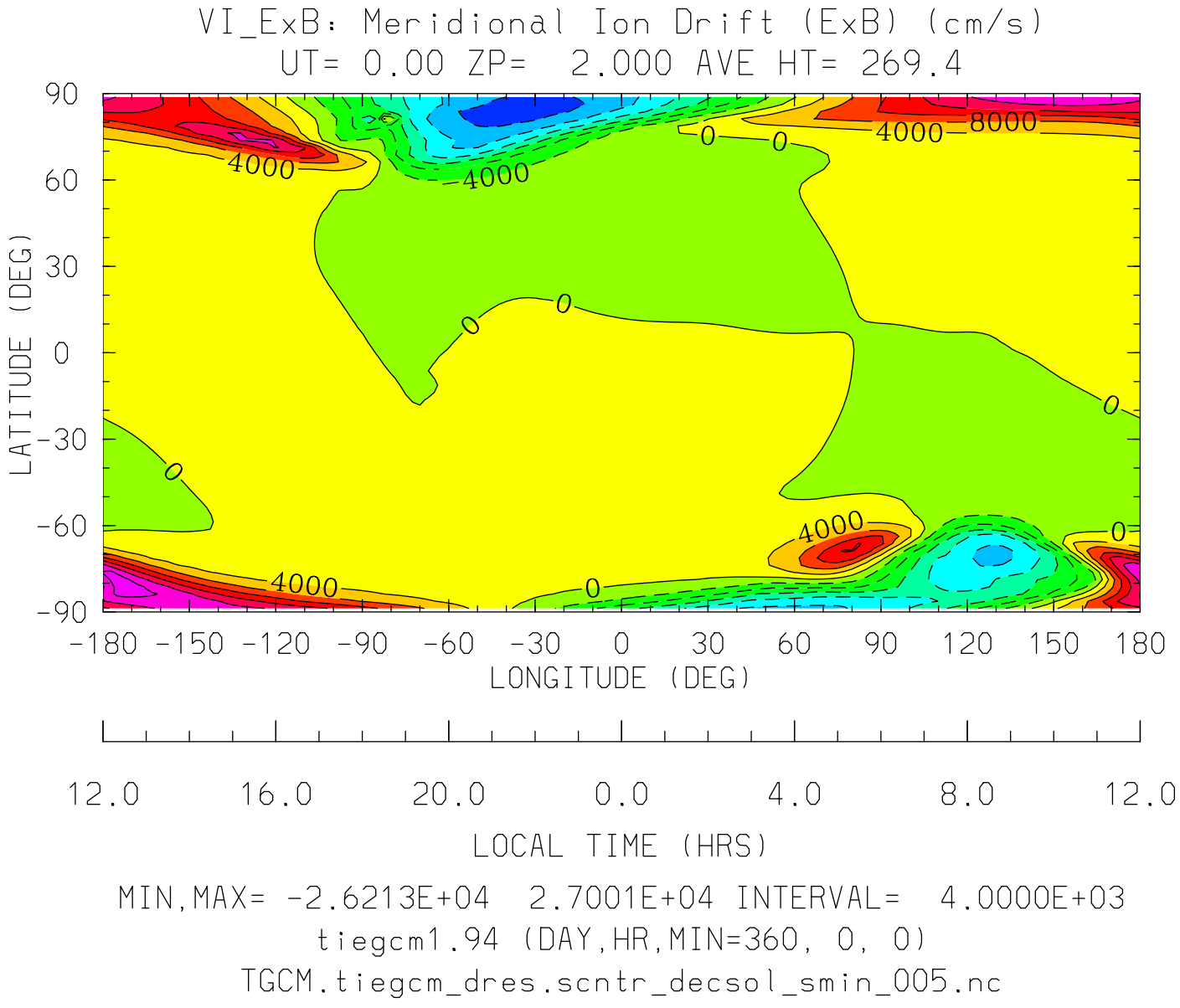
MIN,MAX= -2.6457E+04 2.7741E+04 INTERVAL= 4.0000E+03

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
8000
4000
MIN,MAX= -2.1589E+04 2.7741E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

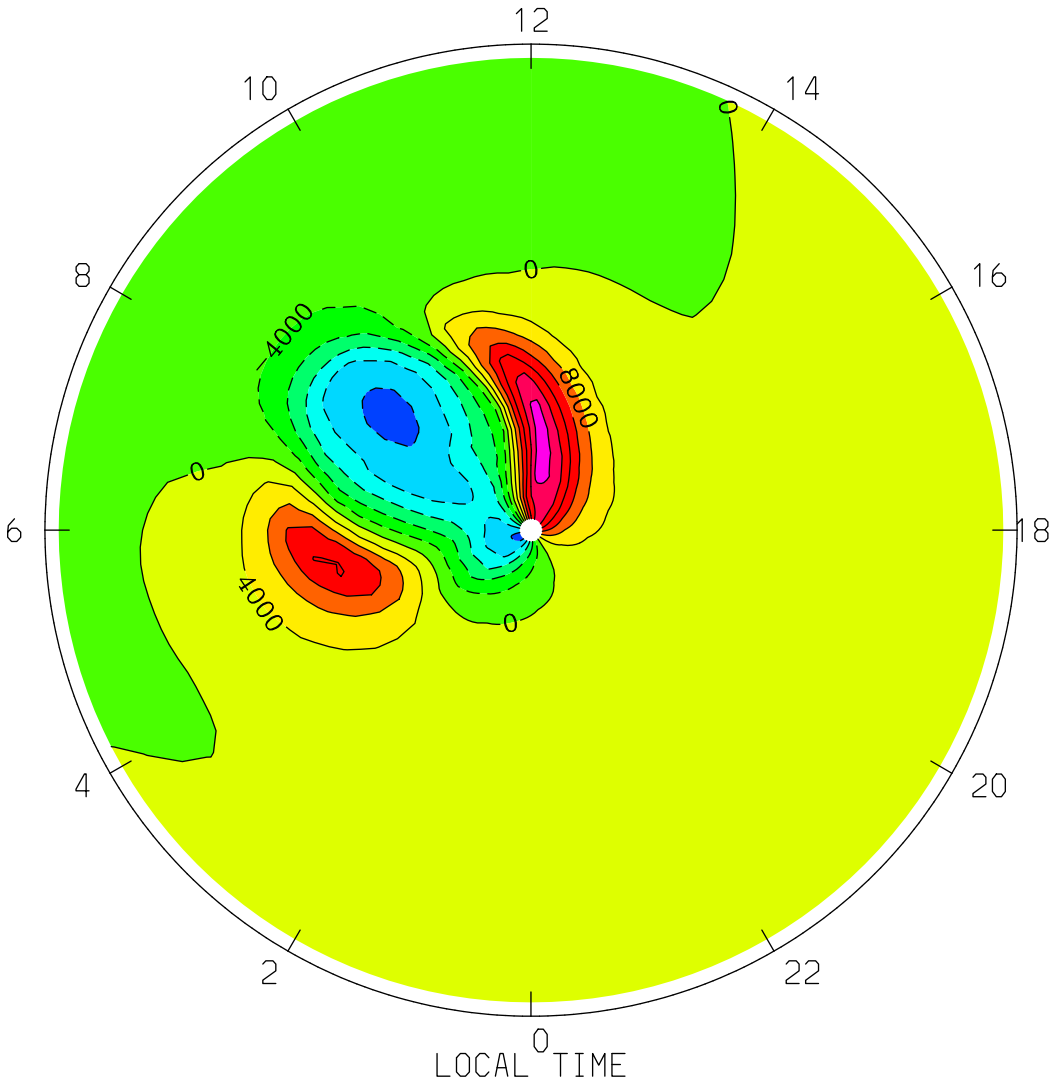

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
4000
12000
4000
0
0
0
LOCAL TIME
MIN,MAX= -2.6457E+04 2.3320E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= -2.6213E+04 2.7001E+04 INTERVAL= 4.0000E+03

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

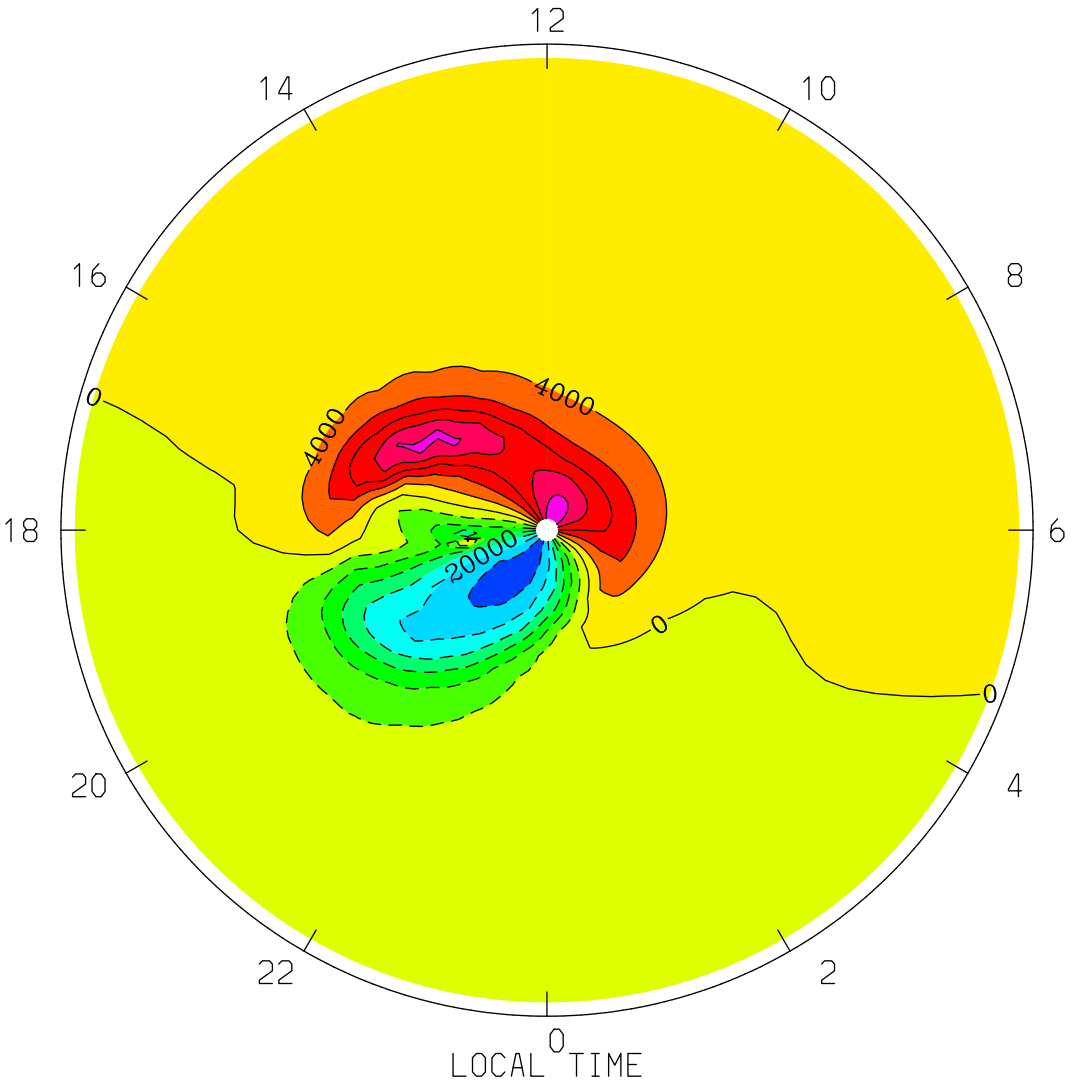
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

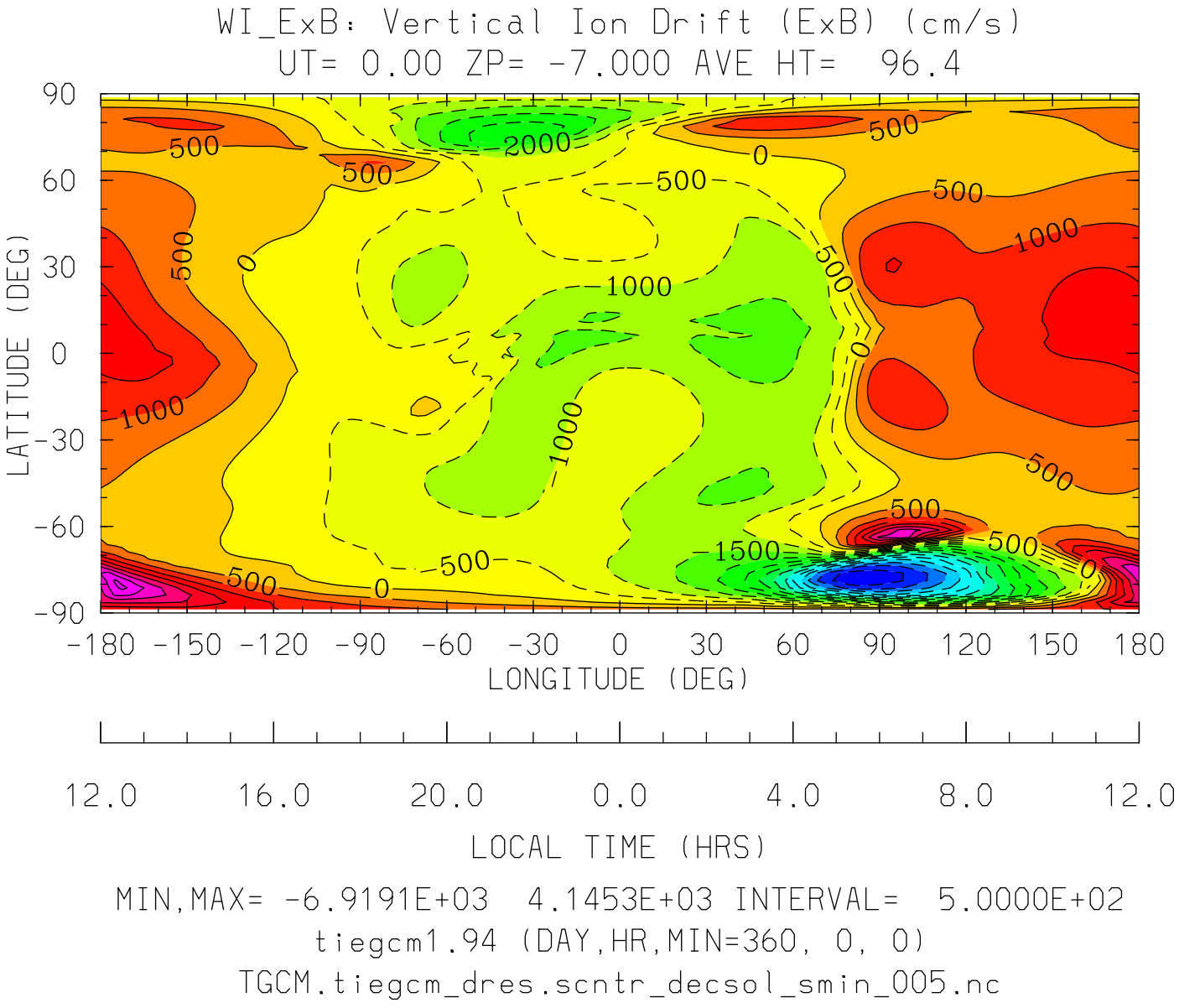


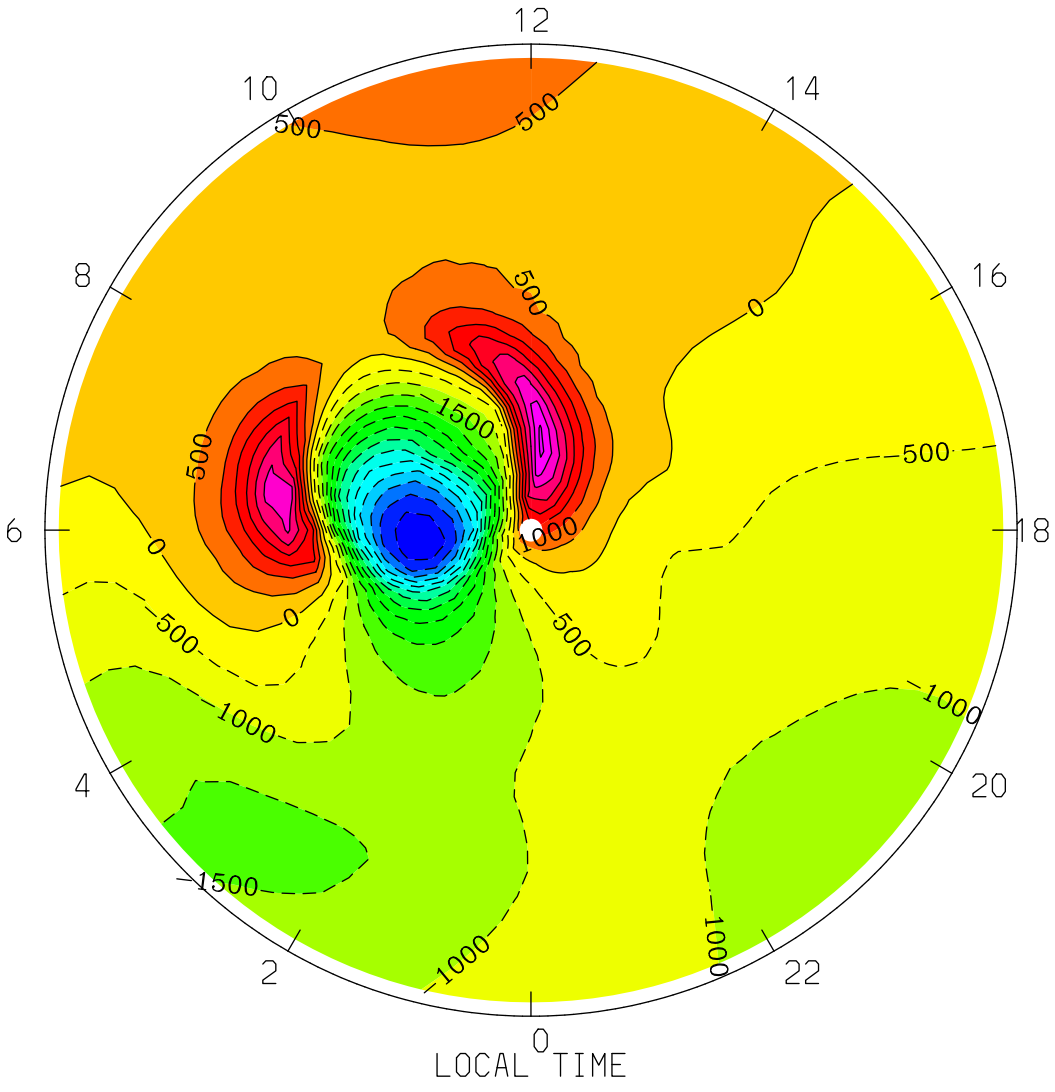
MIN,MAX= -2.1355E+04 2.7001E+04 INTERVAL= 4.0000E+03

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
4000
4000
0
20000
0
0
LOCAL TIME
MIN,MAX= -2.6213E+04 2.3146E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

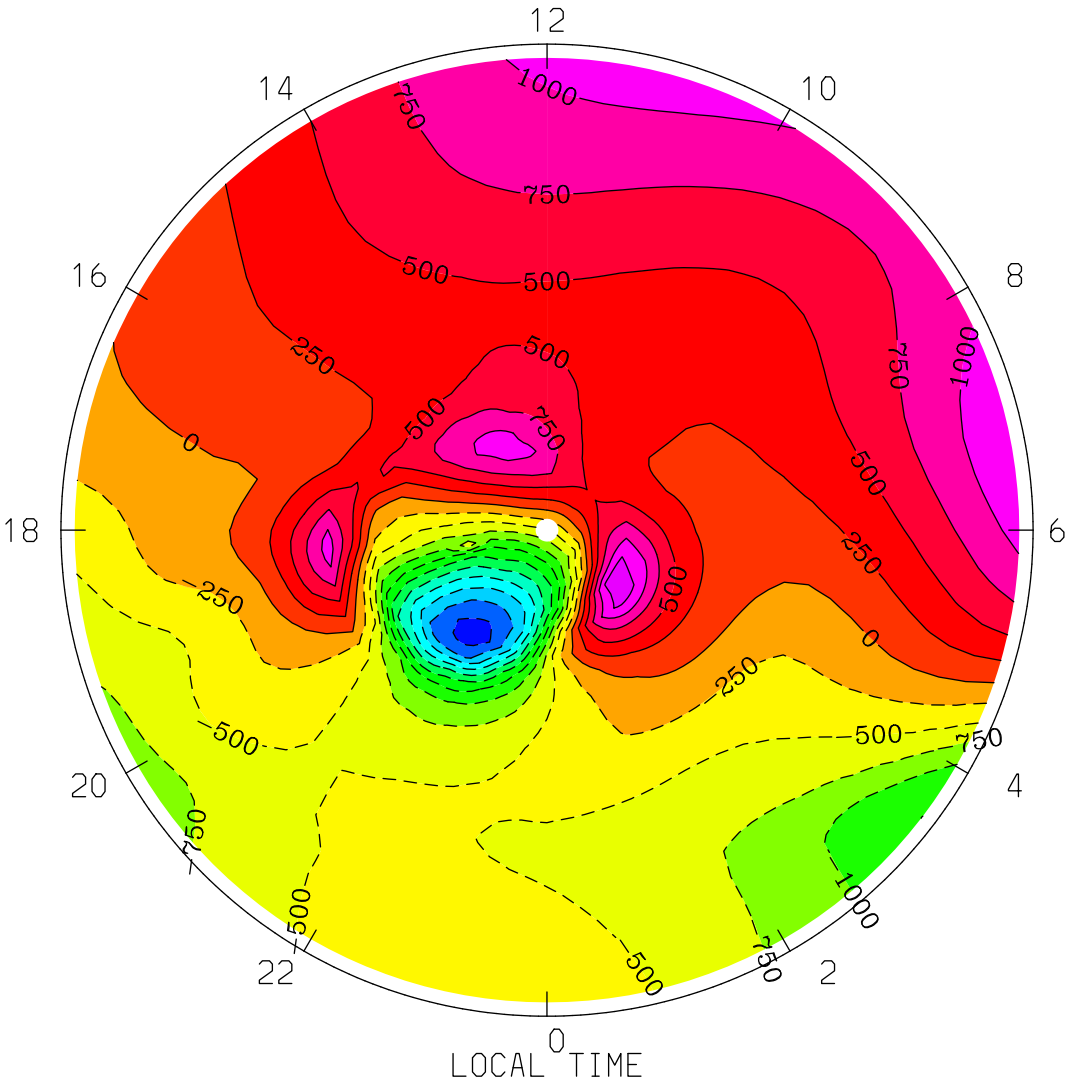

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -6.9191E+03 4.1453E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

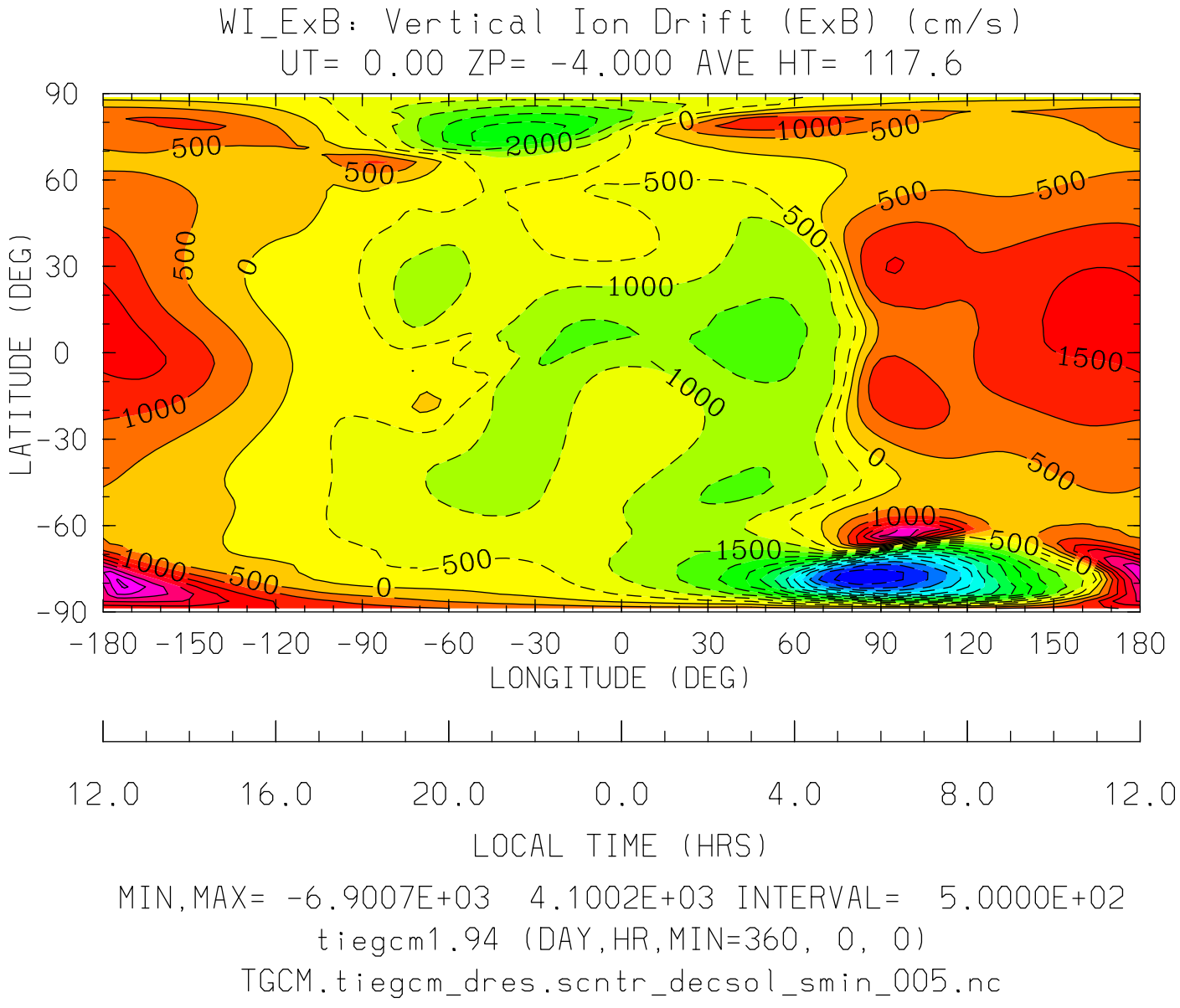


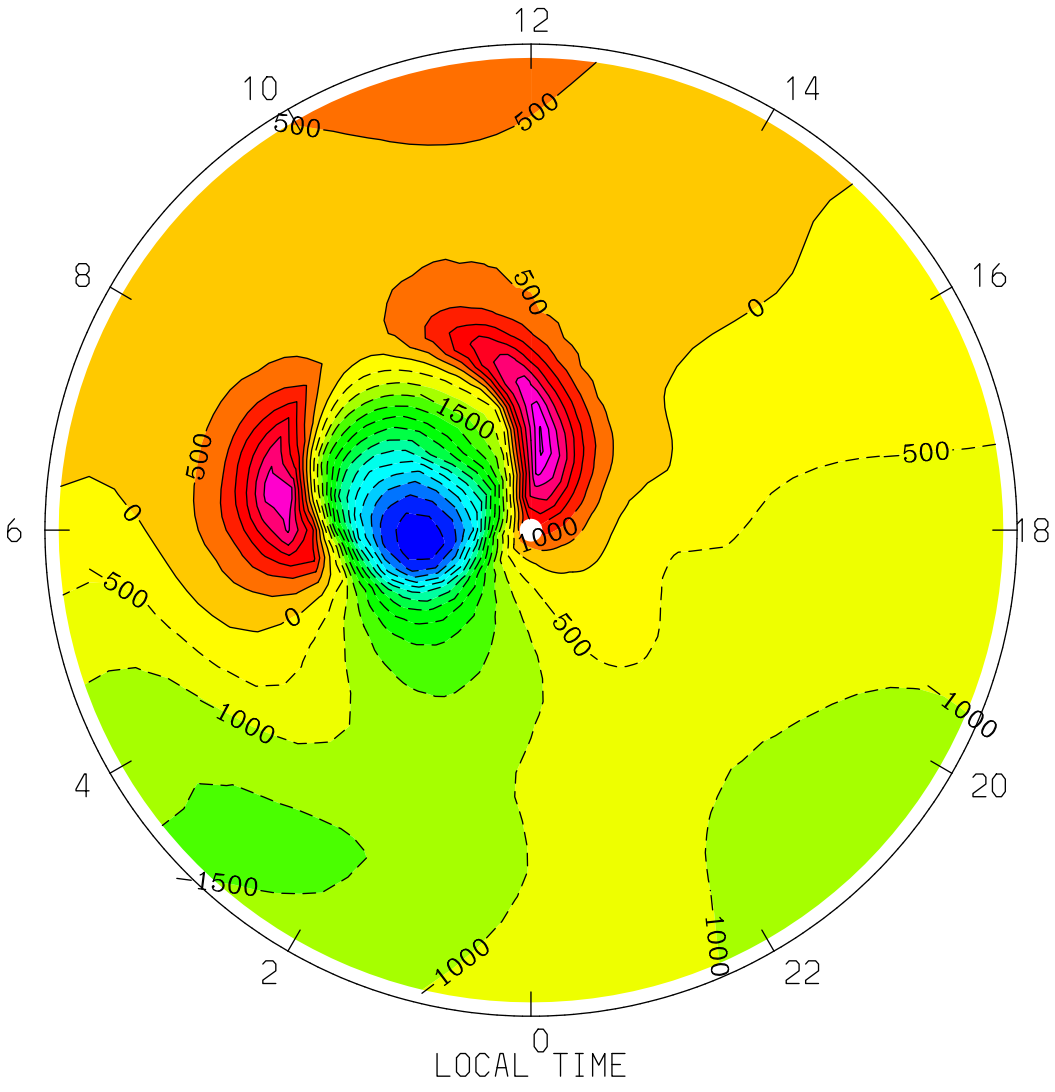
MIN,MAX= -6.9191E+03 4.1453E+03 INTERVAL= 5.0000E+02

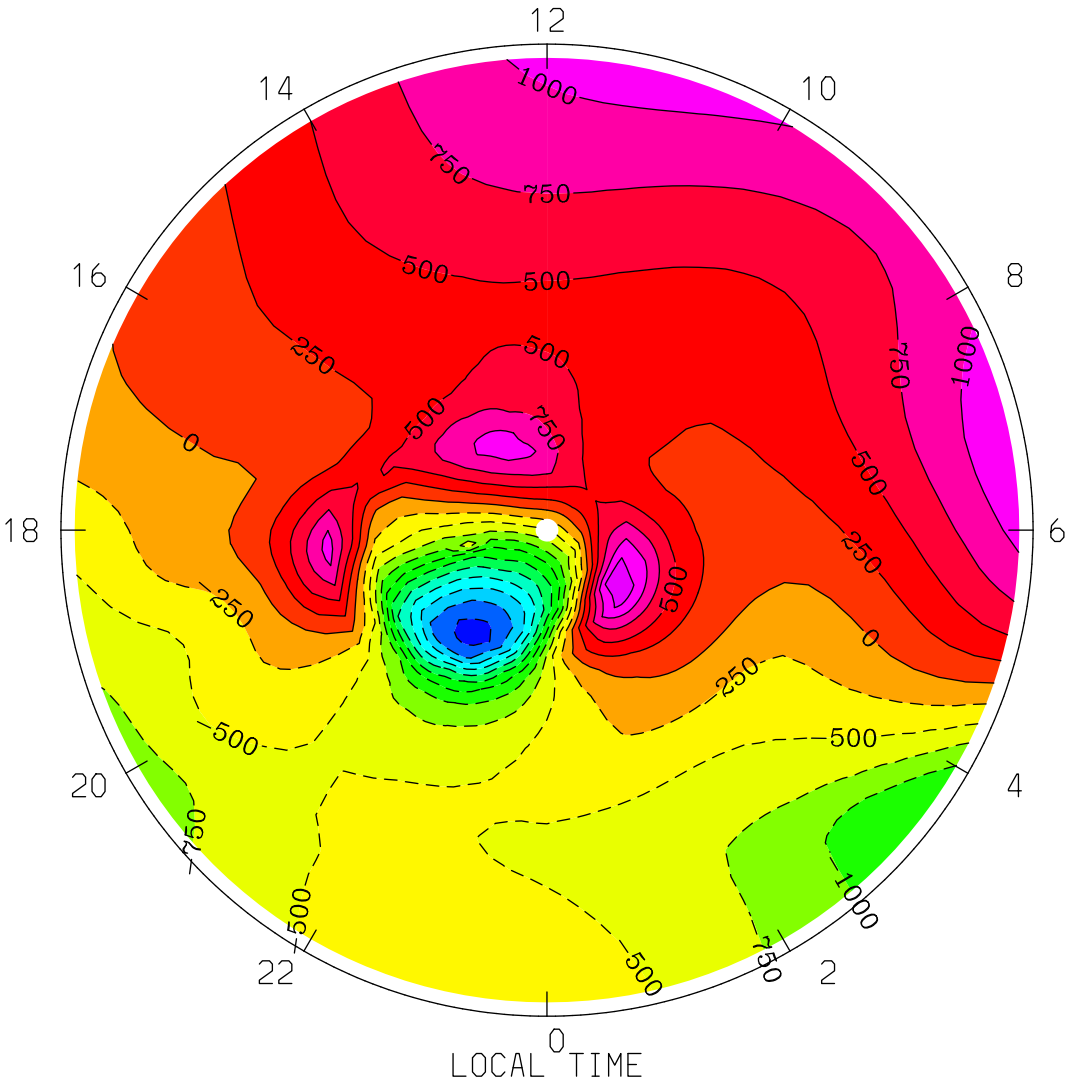
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

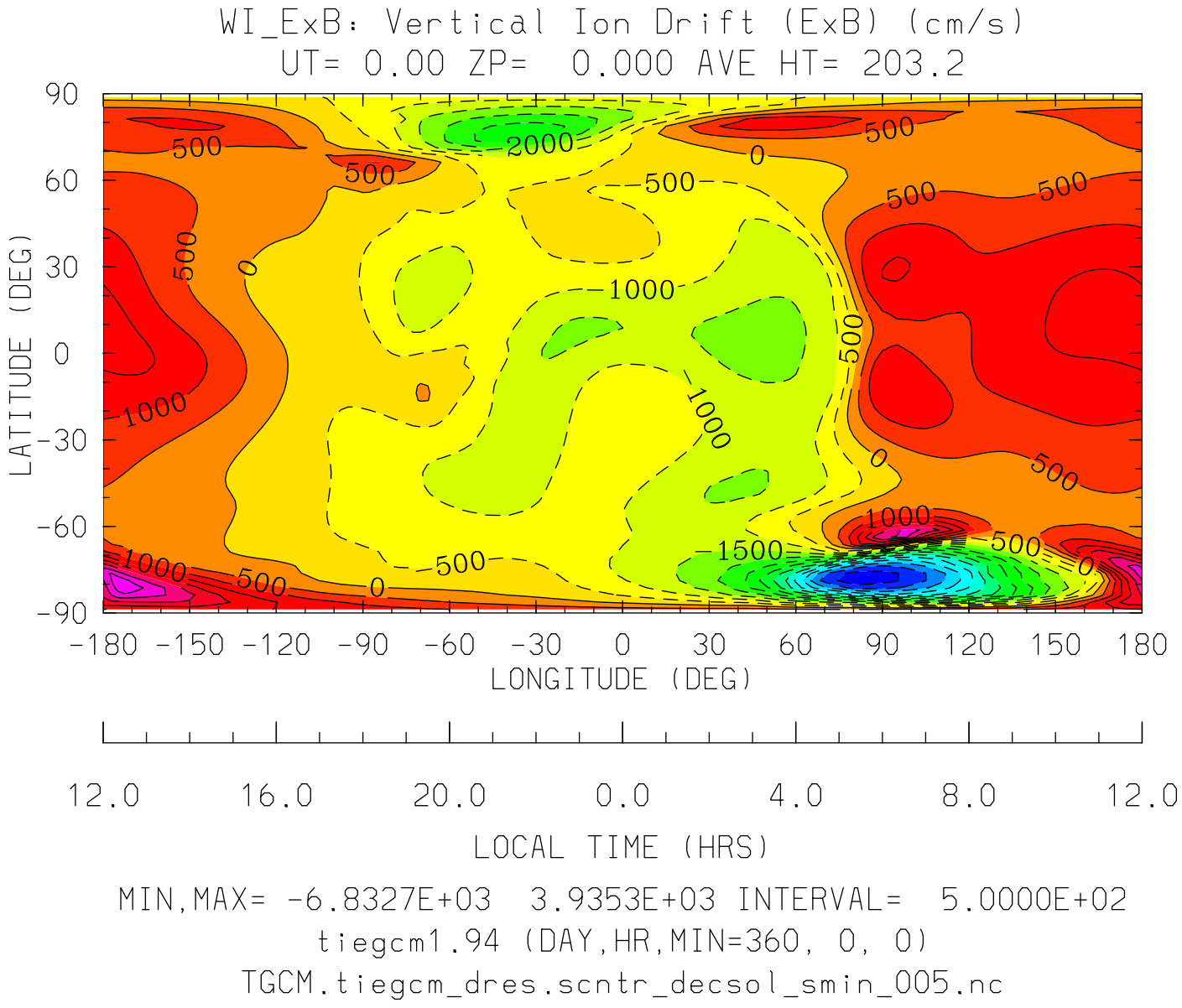
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

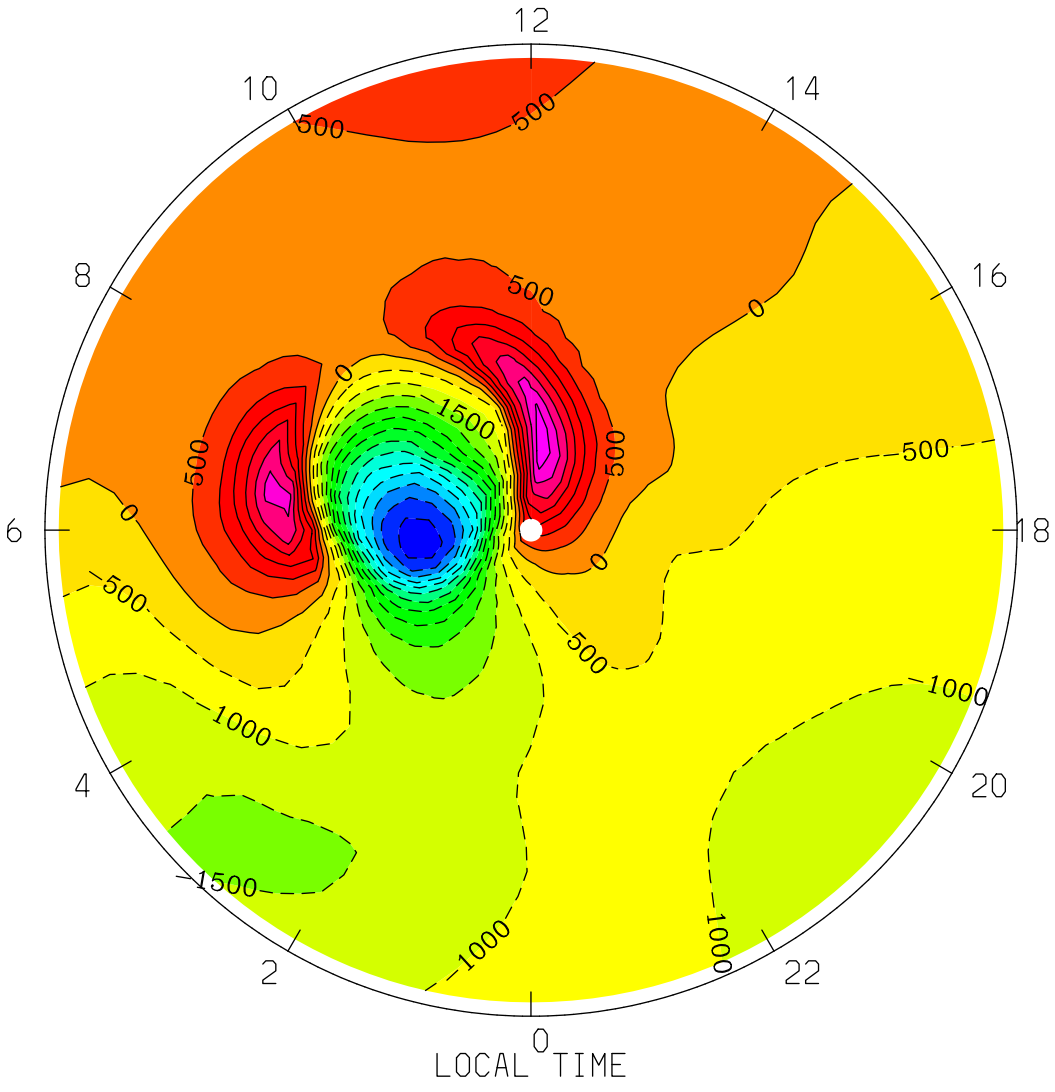

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -2.8843E+03 1.3582E+03 INTERVAL= 2.5000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 117.6
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -6.9007E+03 4.1002E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
500
0
1500
1000
MIN,MAX= -6.9007E+03 4.1002E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -2.8775E+03 1.3430E+03 INTERVAL= 2.5000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

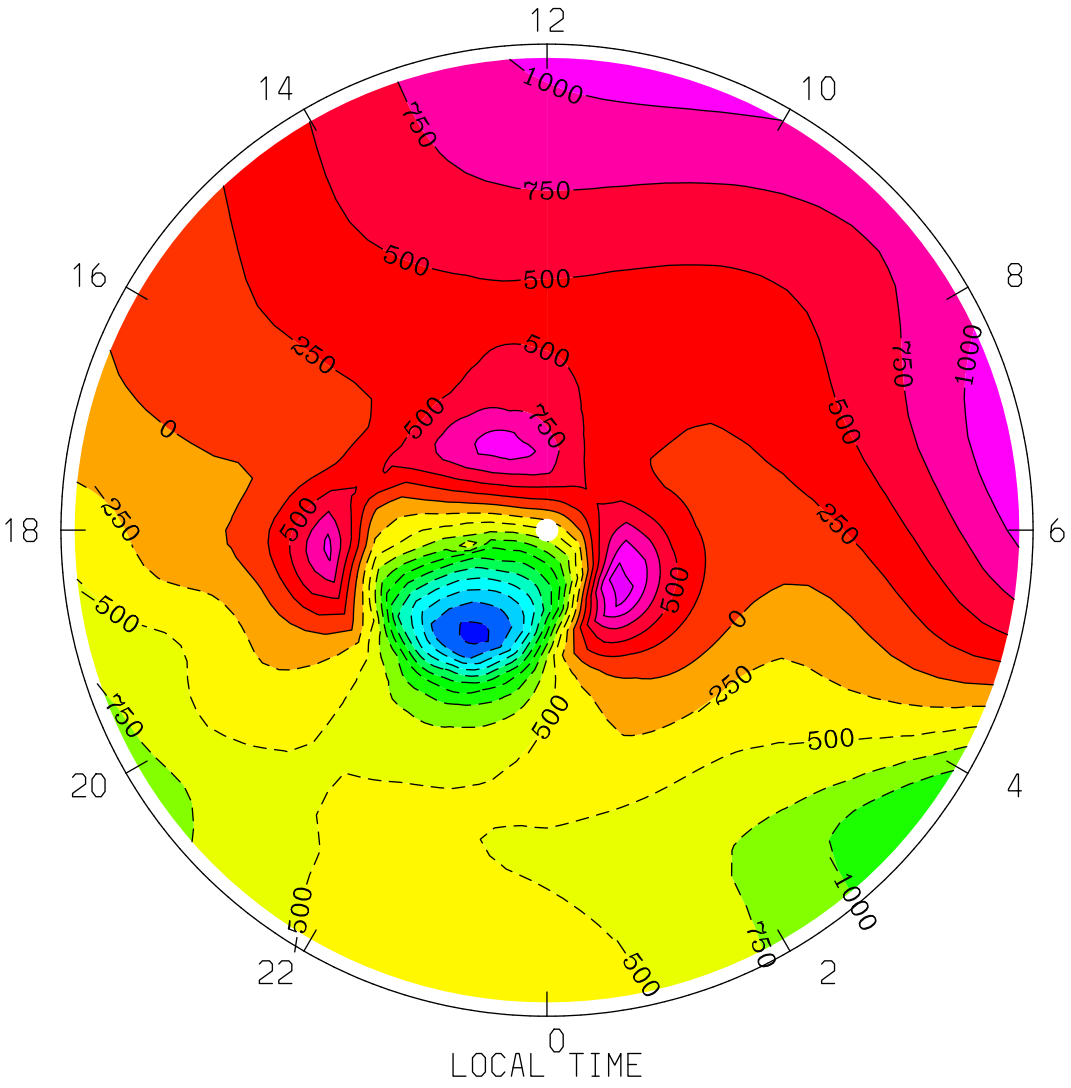

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 203.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -6.8327E+03 3.9353E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

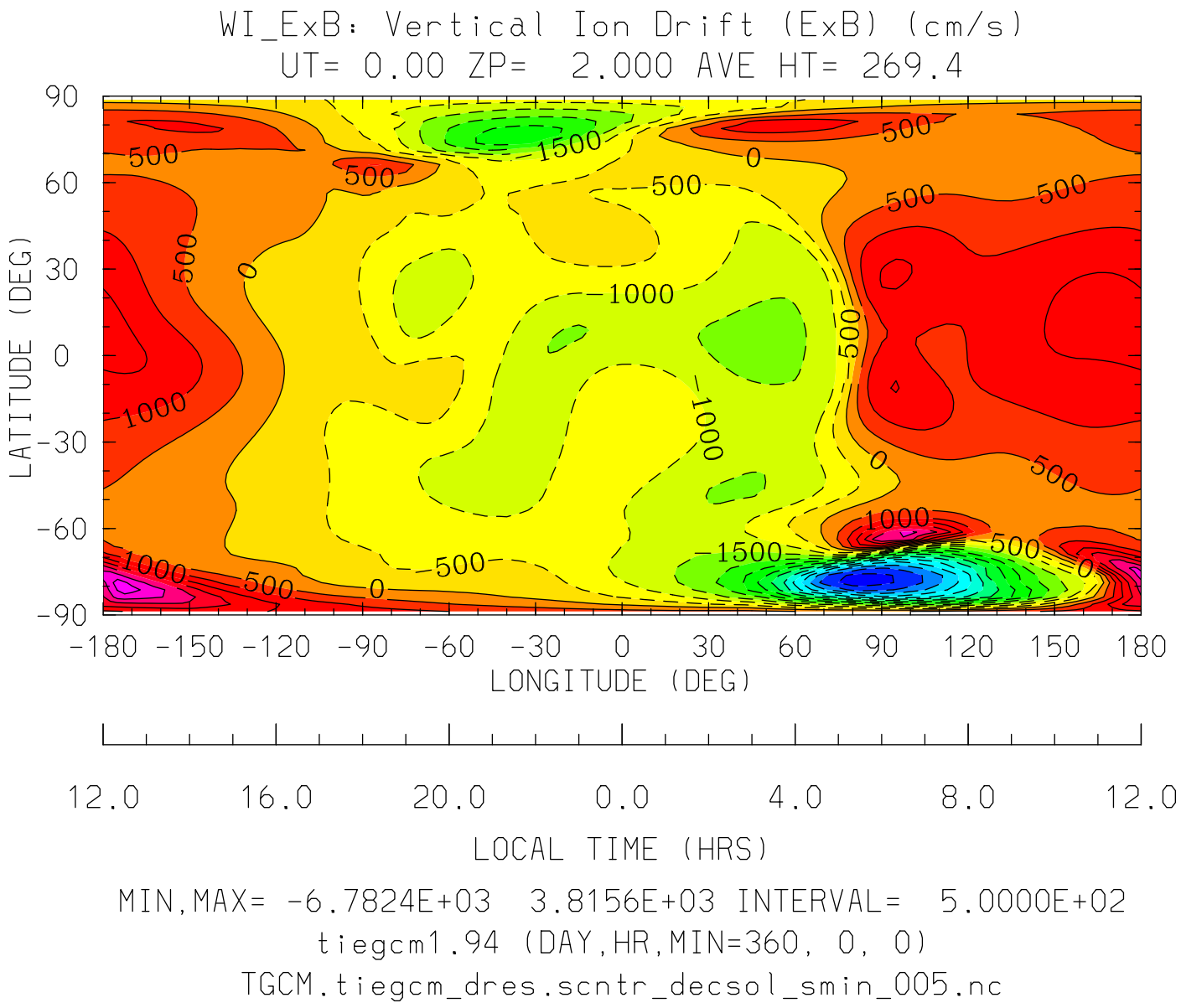


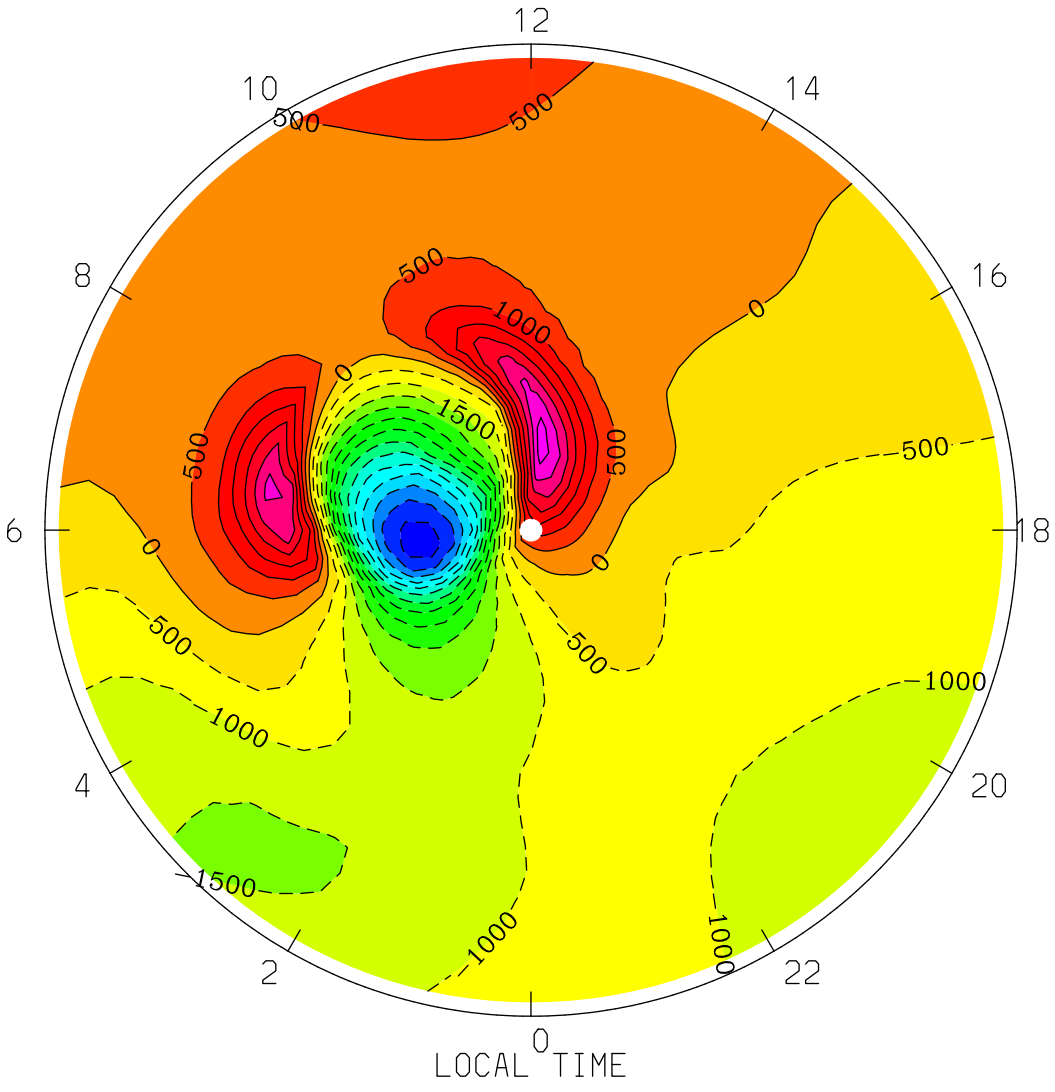
MIN,MAX= -6.8327E+03 3.9353E+03 INTERVAL= 5.0000E+02

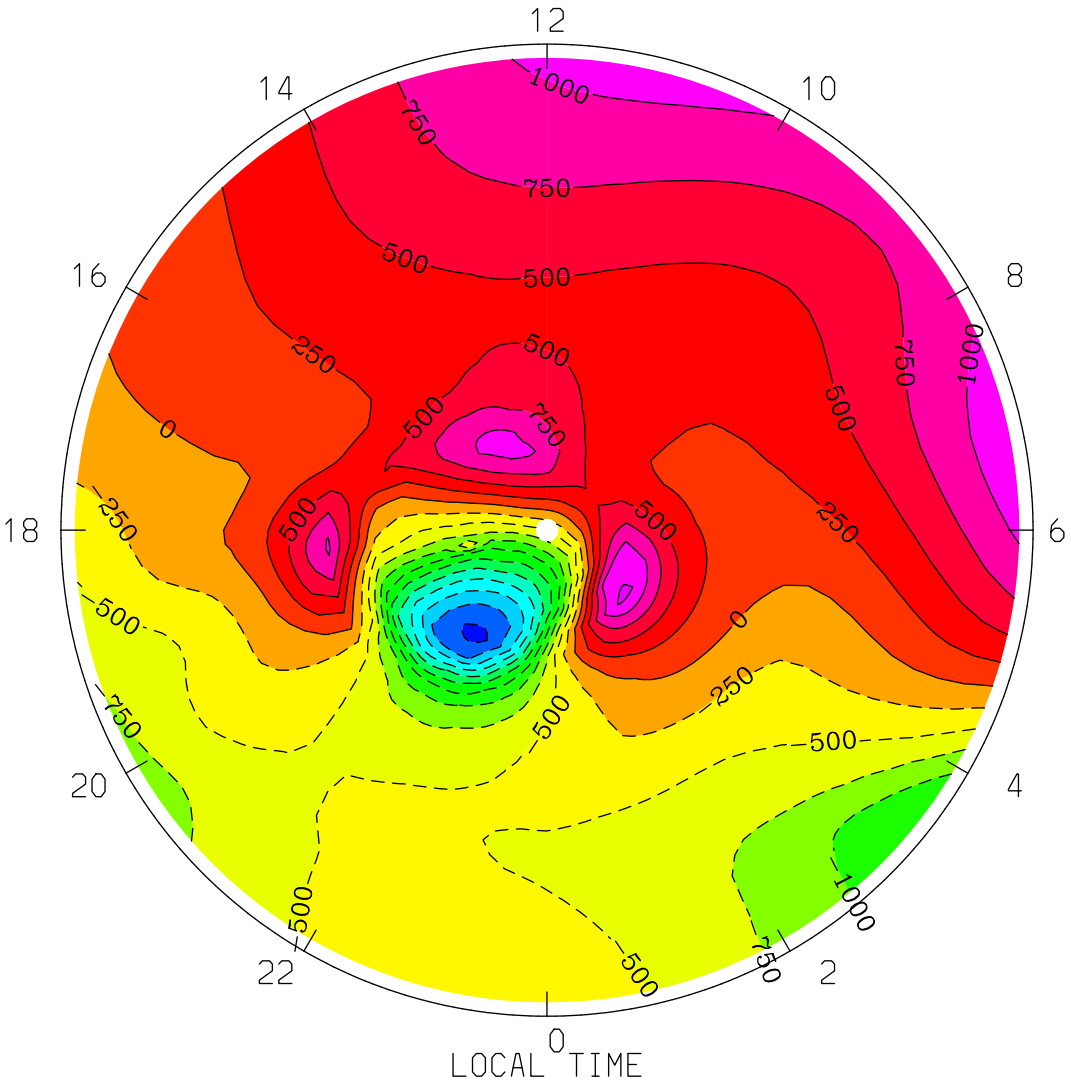
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -2.8495E+03 1.2974E+03 INTERVAL= 2.5000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 269.4
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= -6.7824E+03 3.8156E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

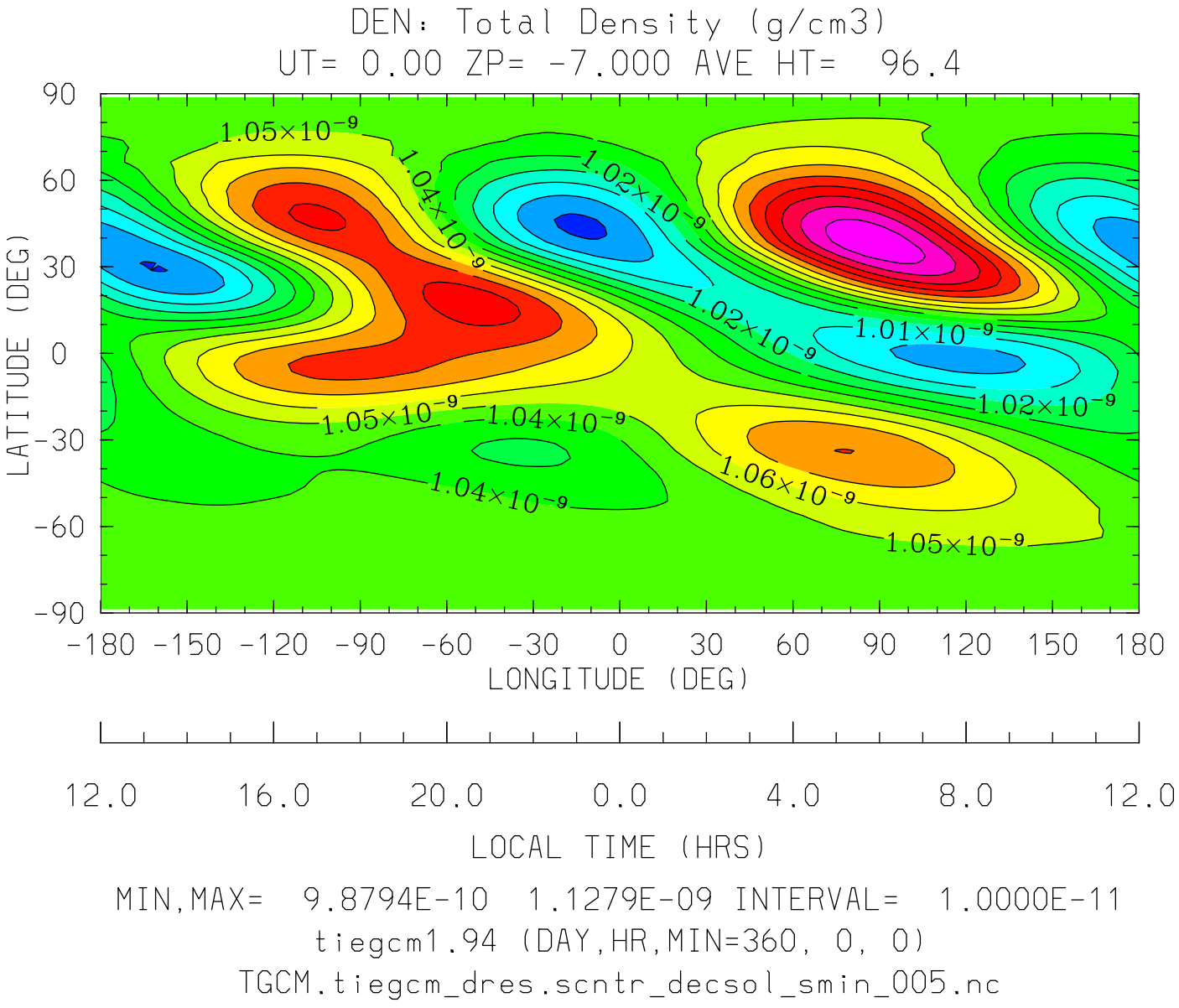

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
500
1000
1500
0
MIN,MAX= -6.7824E+03 3.8156E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= -2.8293E+03 1.2842E+03 INTERVAL= 2.5000E+02

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

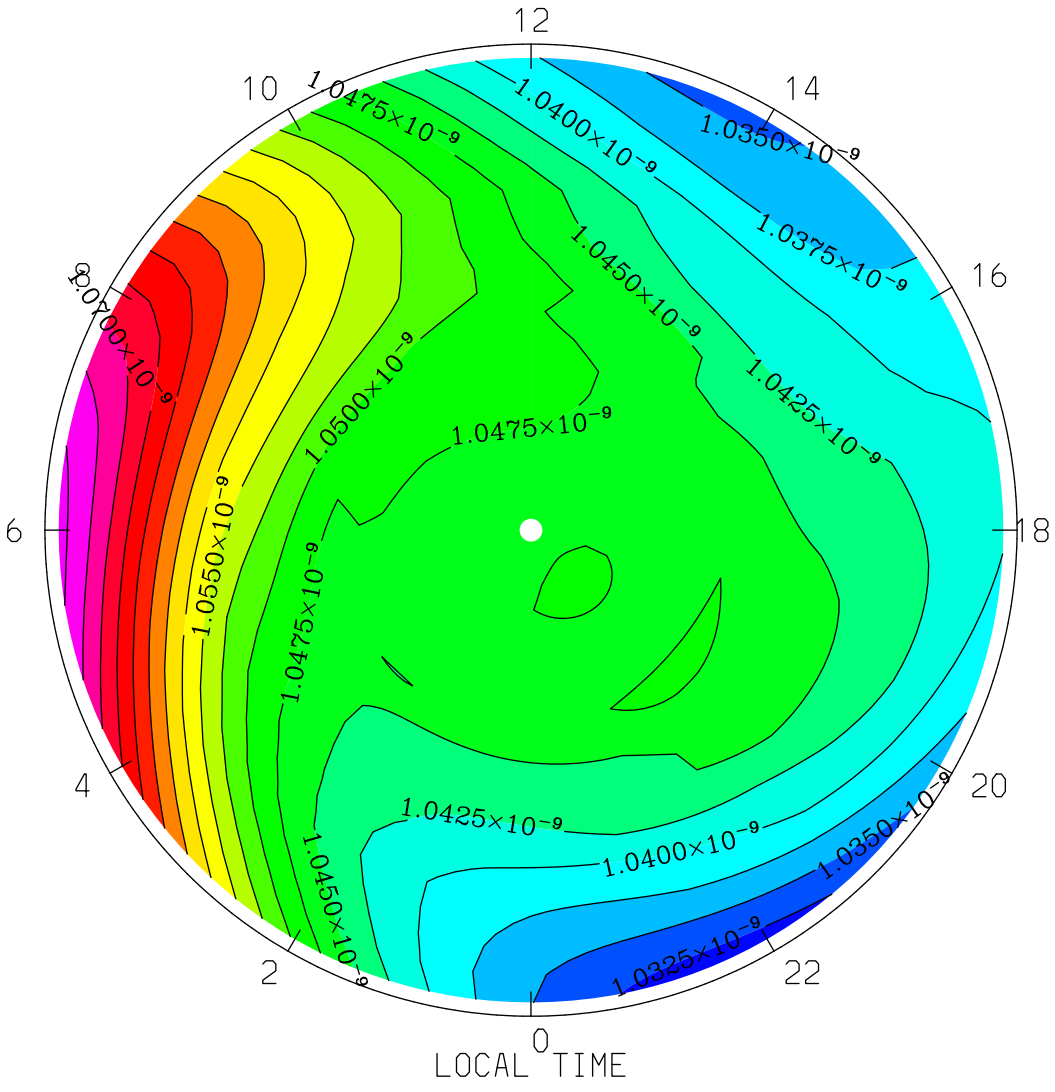
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 9.8794E-10 1.1279E-09 INTERVAL= 1.0000E-11

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

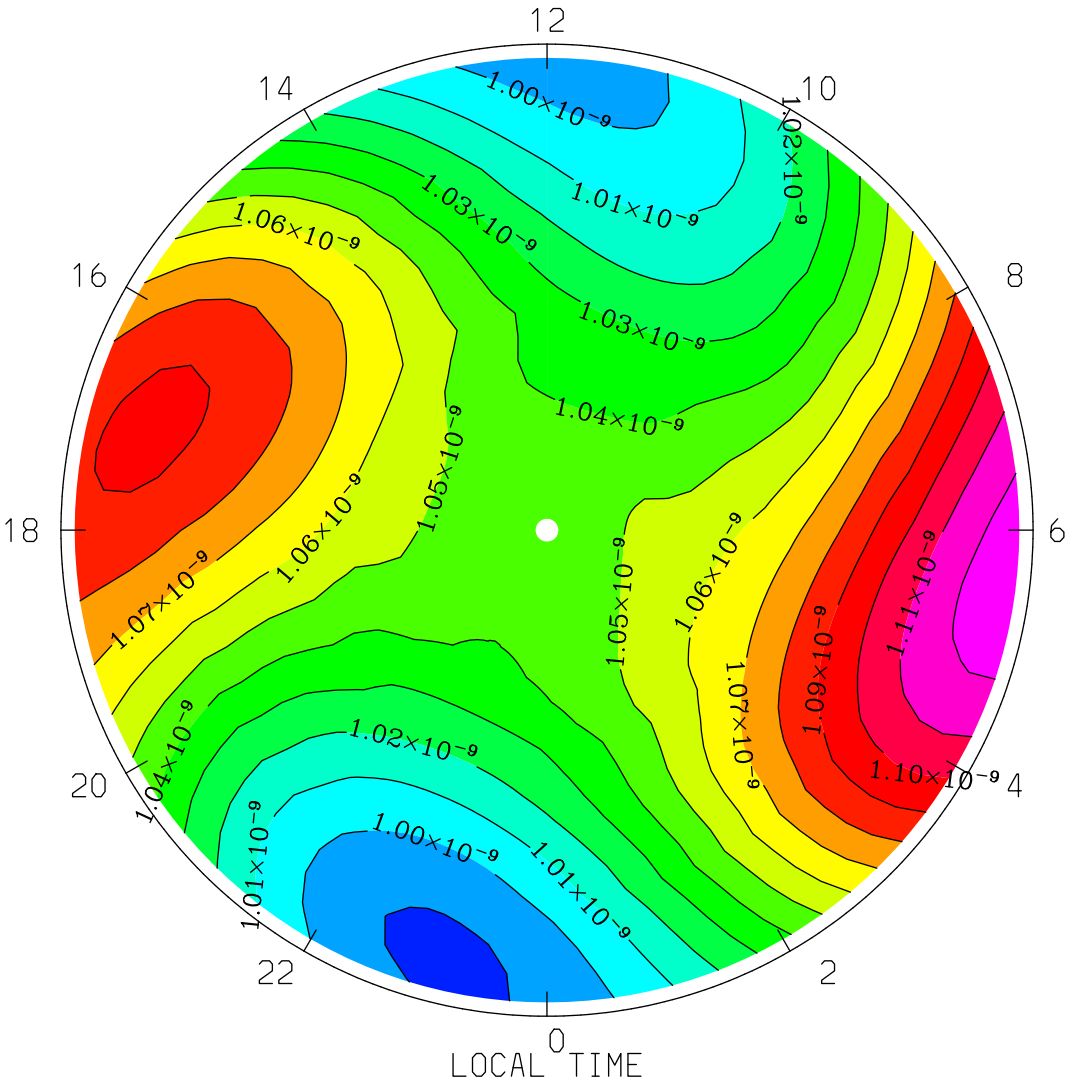
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.0314E-09 1.0759E-09 INTERVAL= 2.5000E-12

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

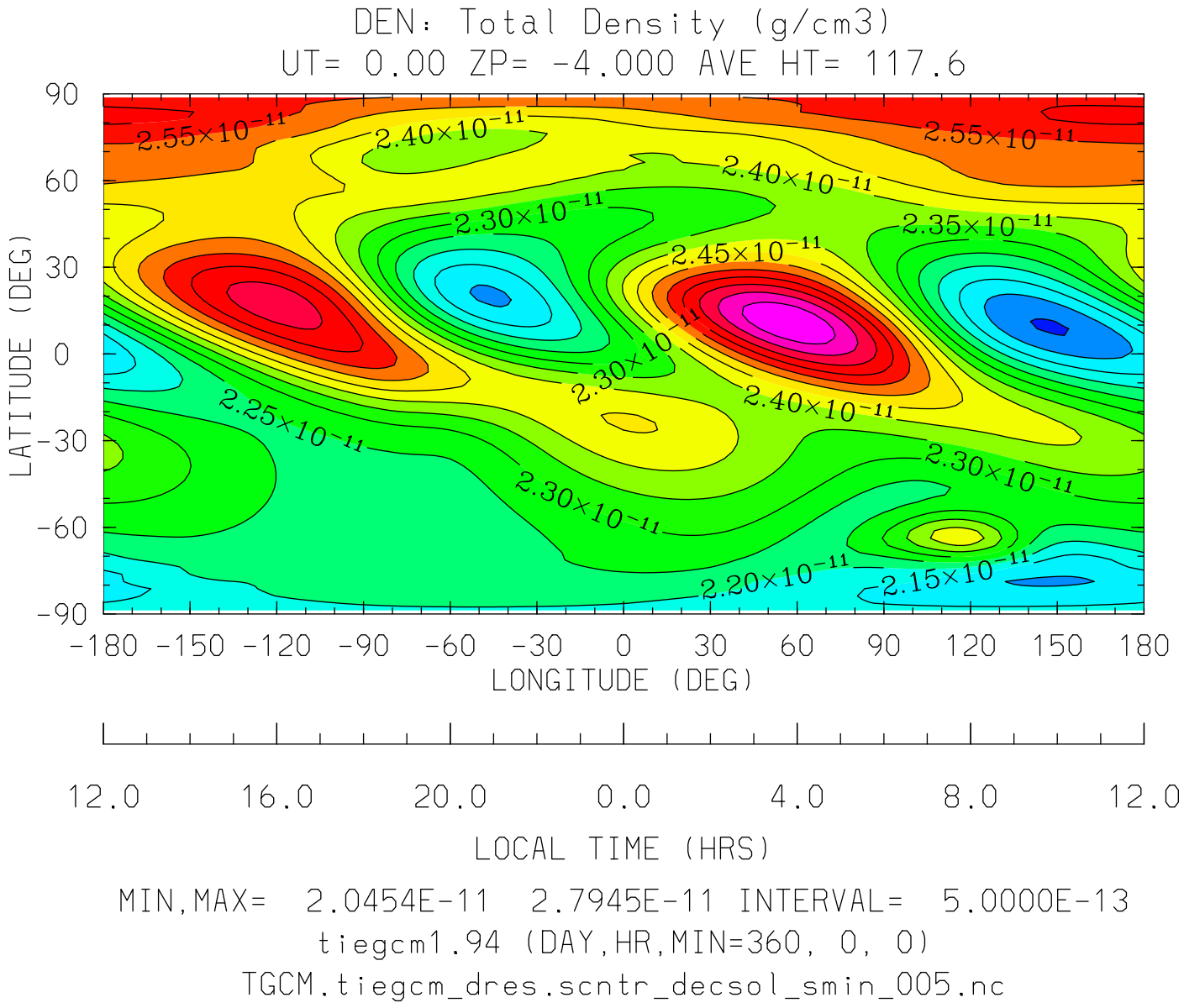
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 9.8794E-10 1.1268E-09 INTERVAL= 1.0000E-11

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

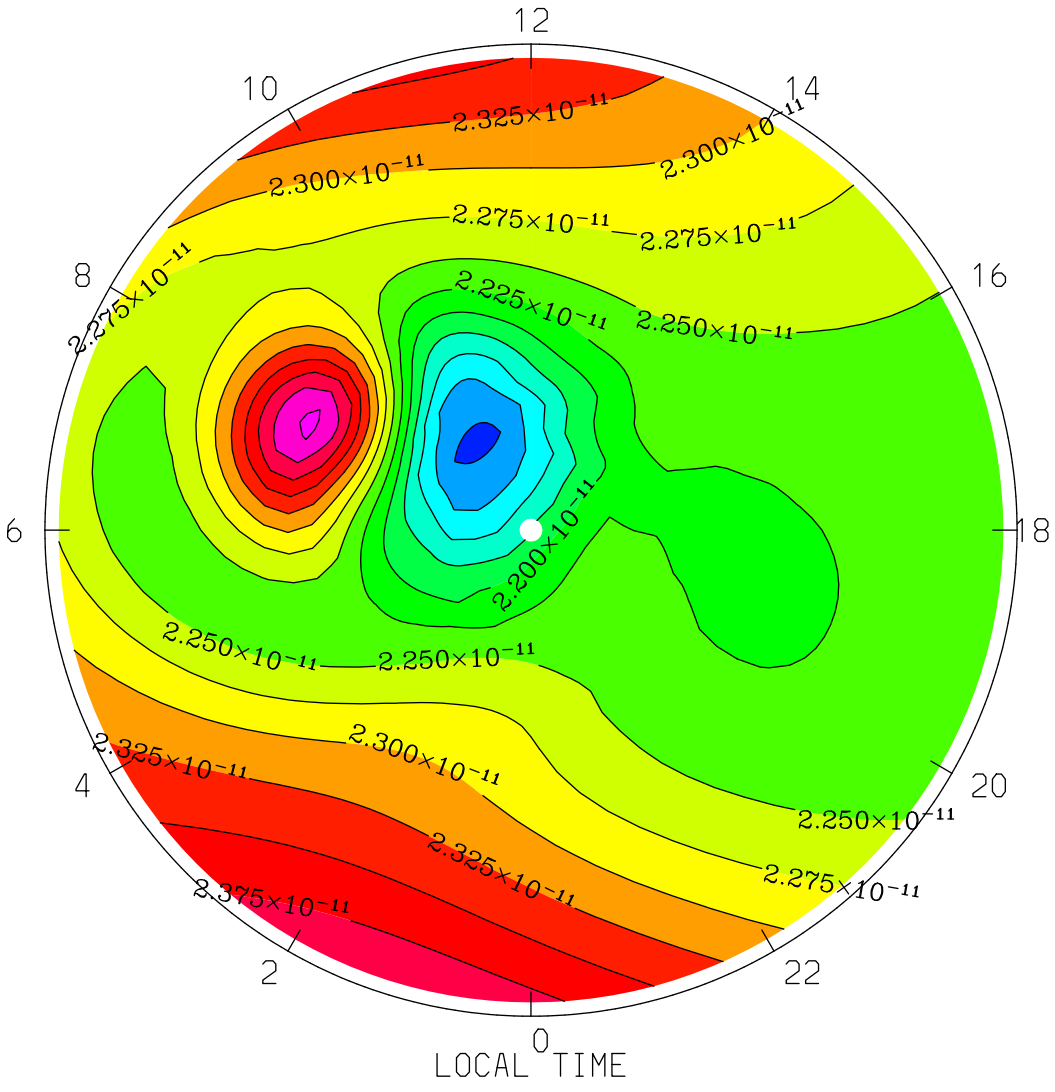
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



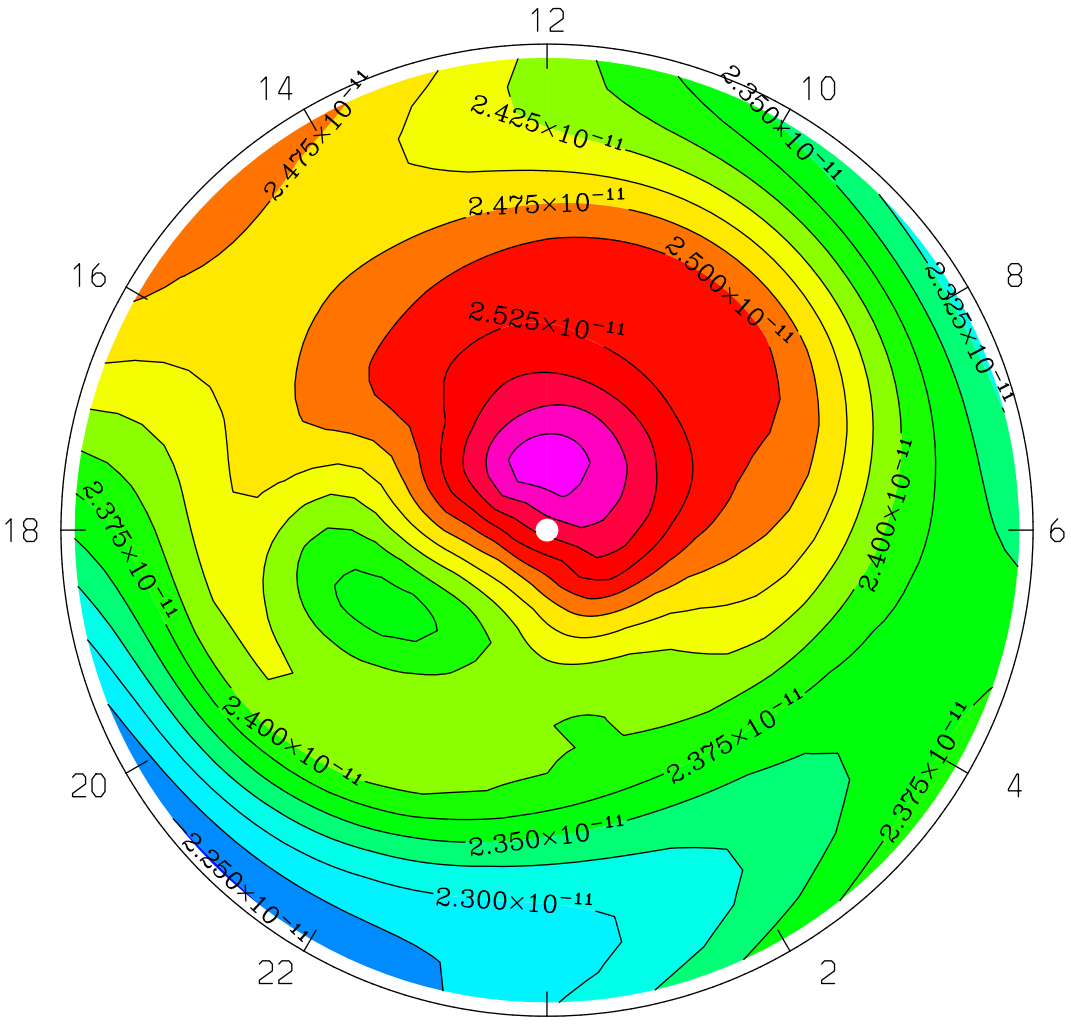
MIN,MAX= 2.0454E-11 2.7945E-11 INTERVAL= 5.0000E-13

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

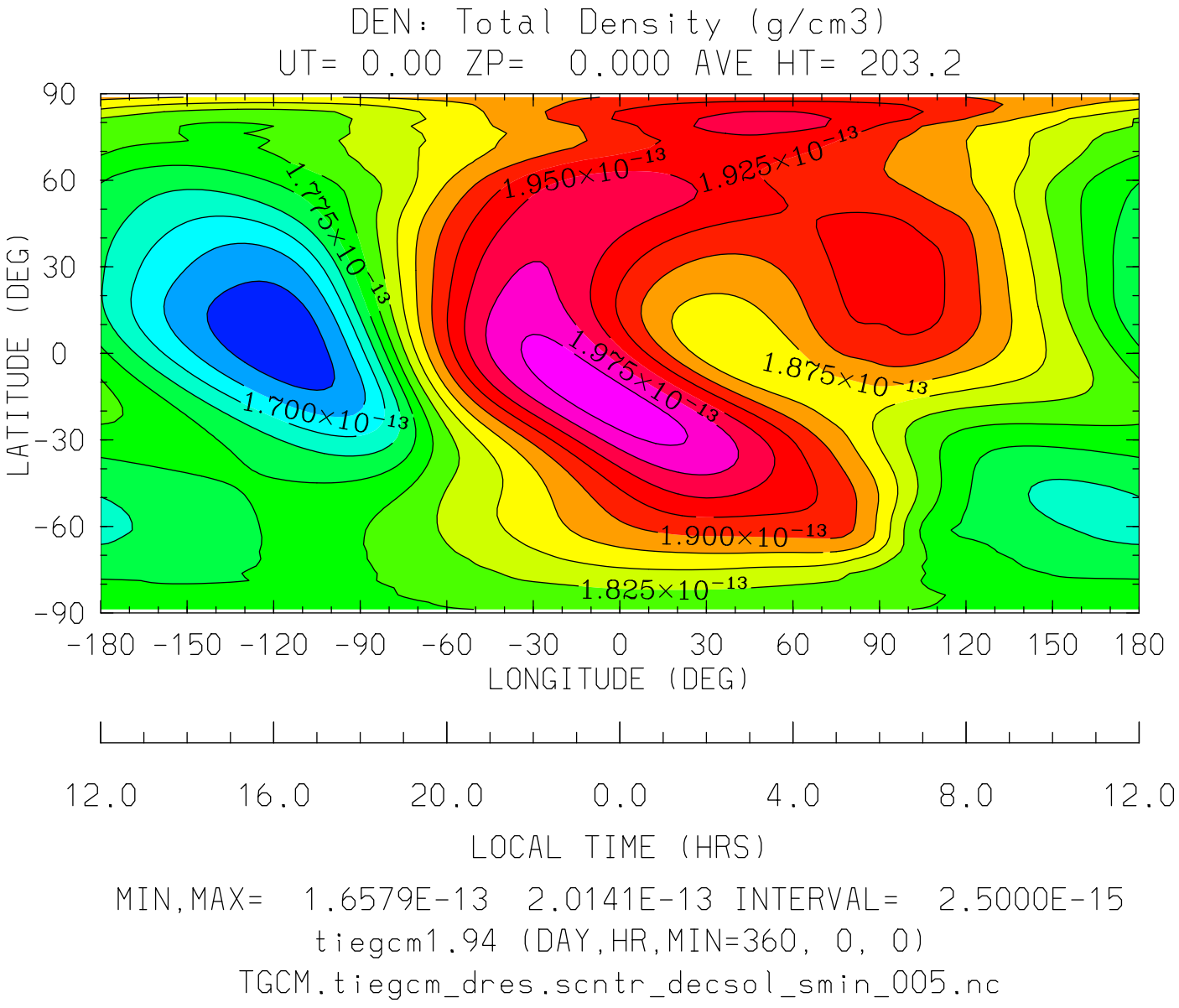

DEN: Total Density (g/cm3)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
2.325×10⁻¹¹
2.300×10⁻¹¹
2.275×10⁻¹¹
2.250×10⁻¹¹
2.225×10⁻¹¹
2.200×10⁻¹¹
2.375×10⁻¹¹
MIN,MAX= 2.0889E-11 2.4308E-11 INTERVAL= 2.5000E-13
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

DEN: Total Density (g/cm3)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT= 40.0



LOCAL TIME

MIN,MAX= 2.2478E-11 2.6140E-11 INTERVAL= 2.5000E-13
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

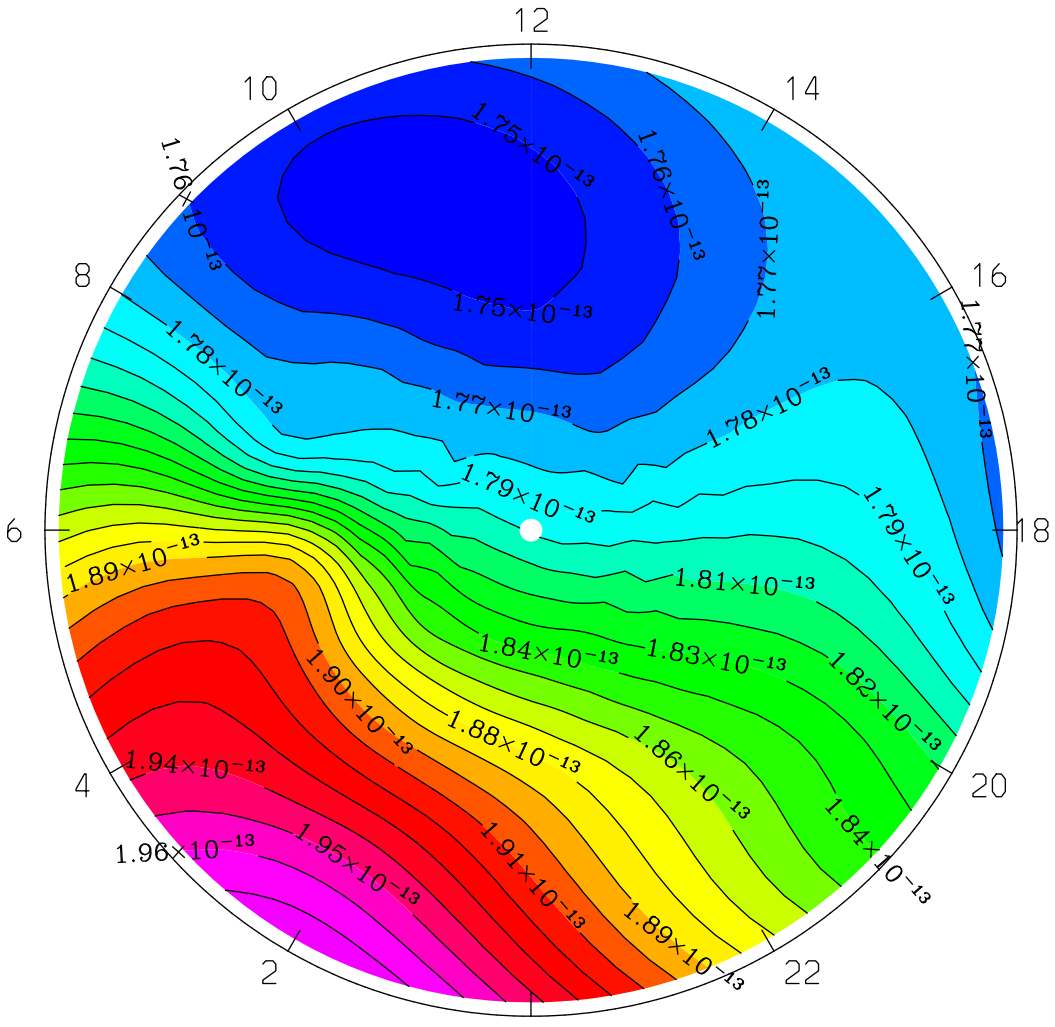


MIN,MAX= 1.6579E-13 2.0141E-13 INTERVAL= 2.5000E-15

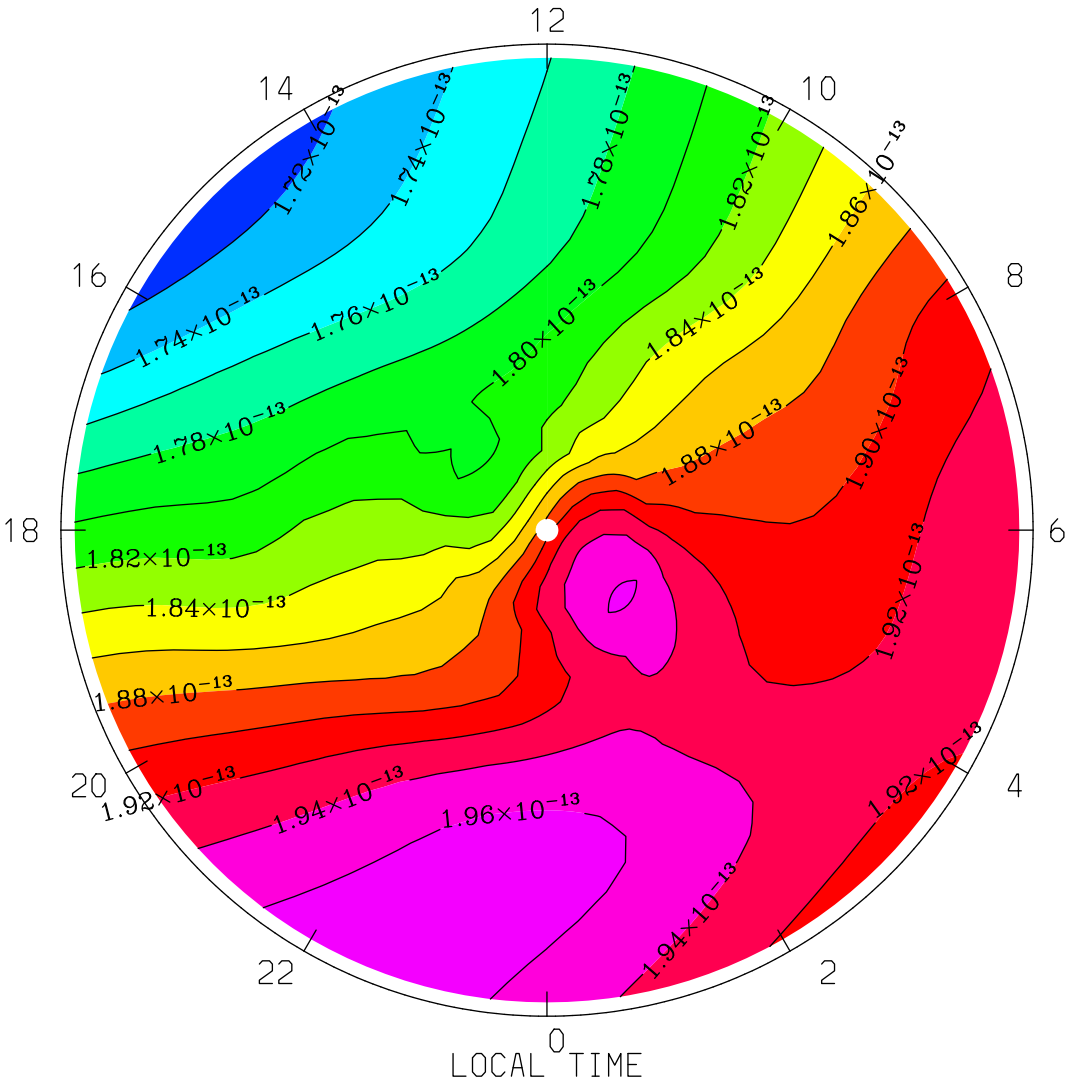
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

DEN: Total Density (g/cm3)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT=-40.0



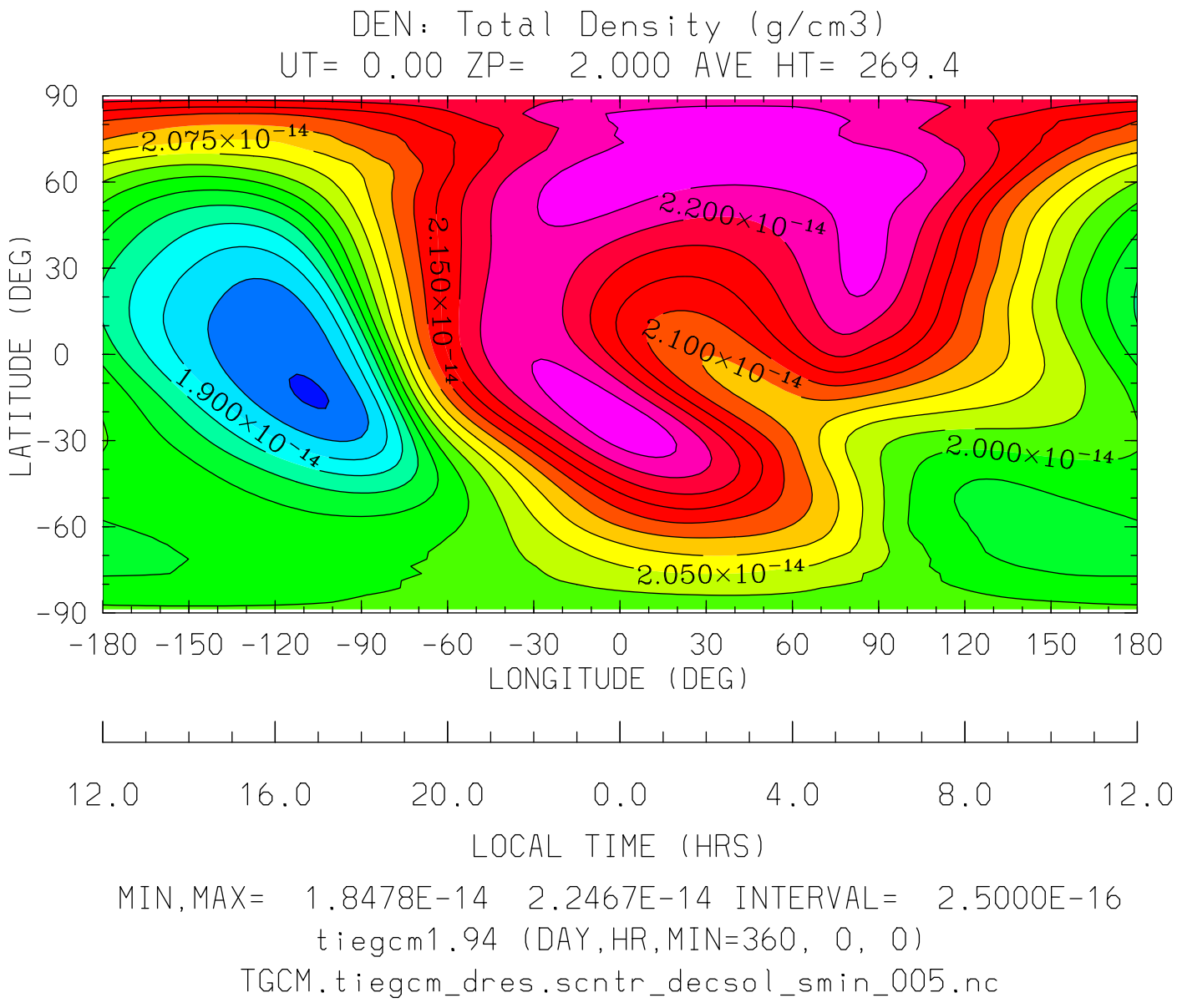
MIN,MAX= 1.7439E-13 1.9775E-13 INTERVAL= 1.0000E-15
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.7078E-13 1.9700E-13 INTERVAL= 2.0000E-15

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

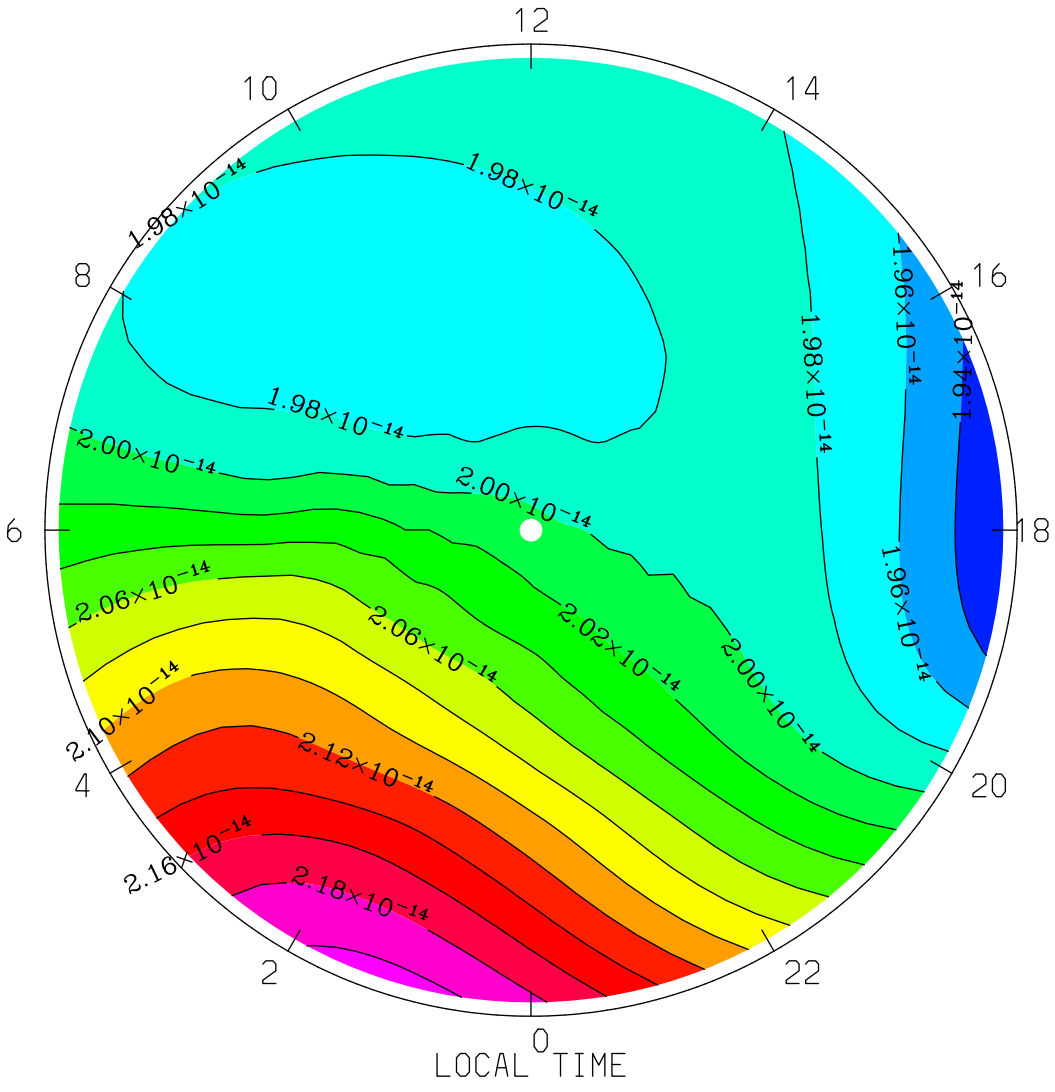
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.8478E-14 2.2467E-14 INTERVAL= 2.5000E-16

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

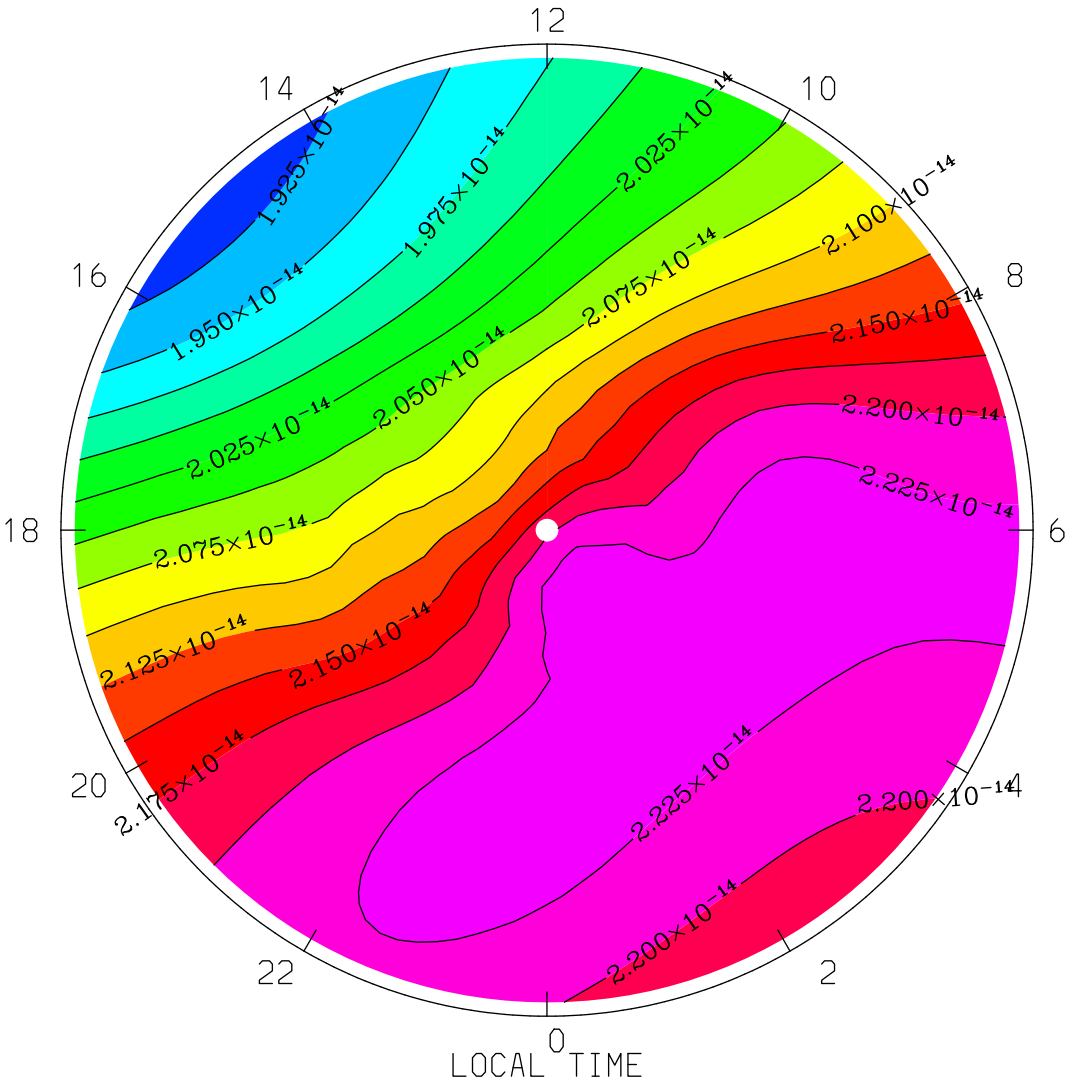
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.9209E-14 2.2067E-14 INTERVAL= 2.0000E-16

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

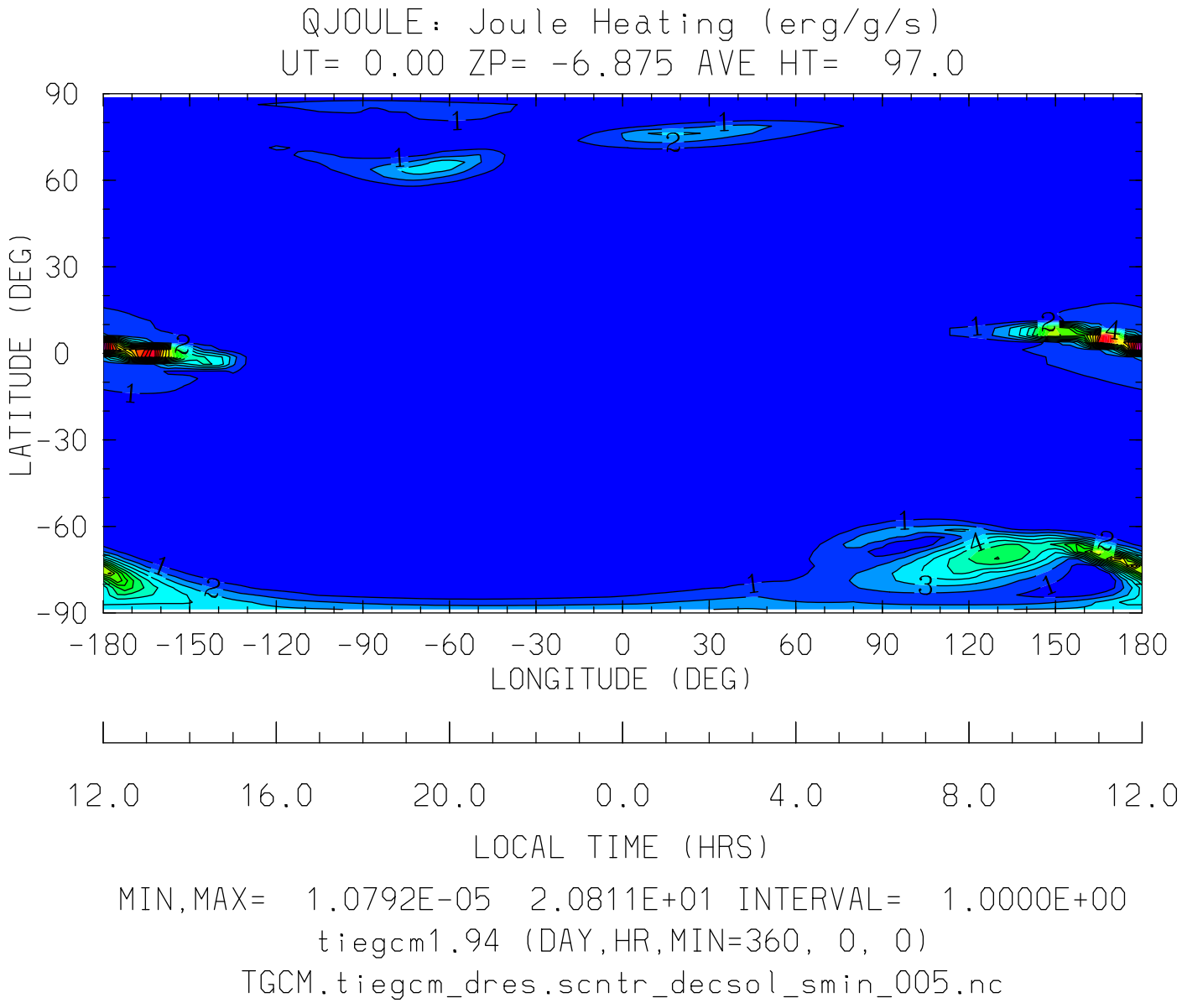
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

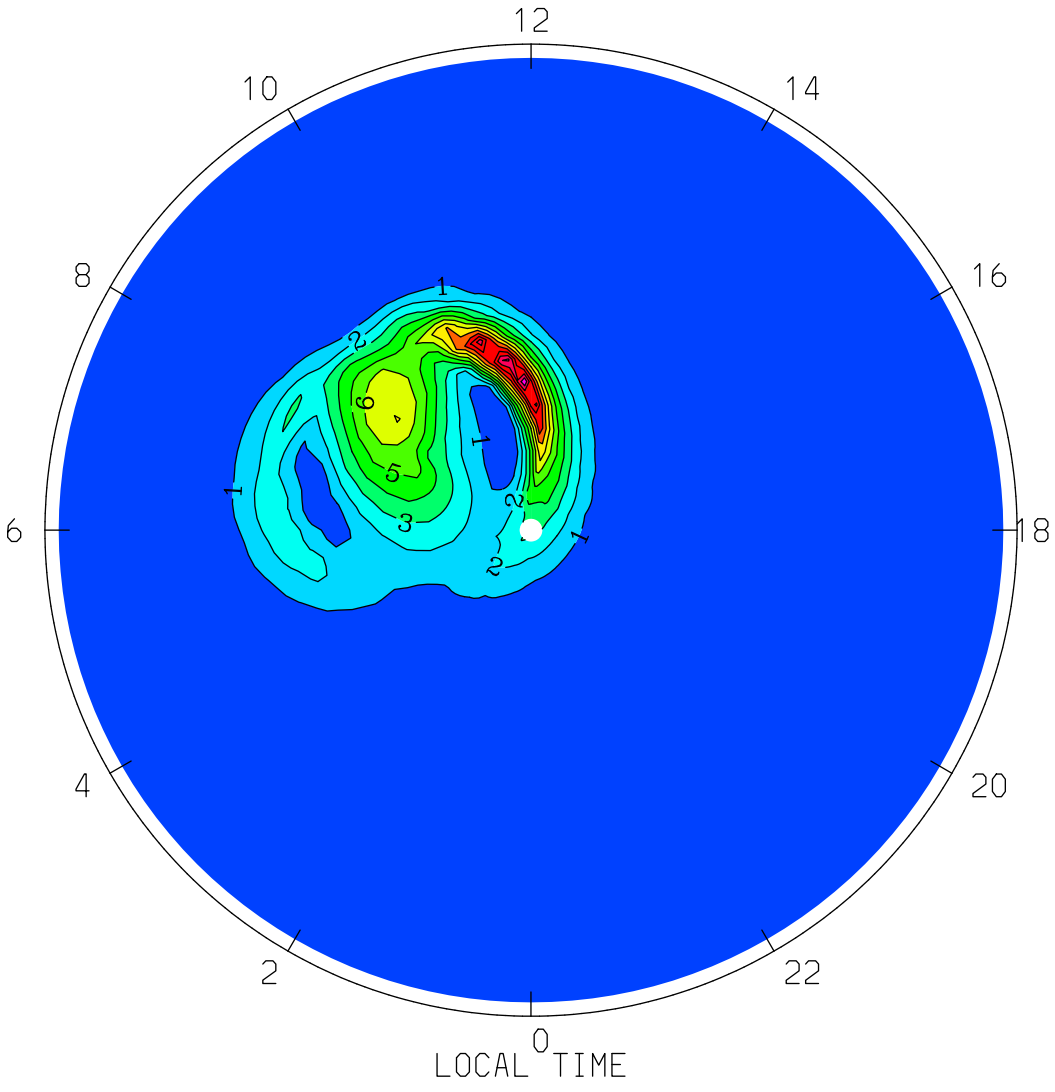


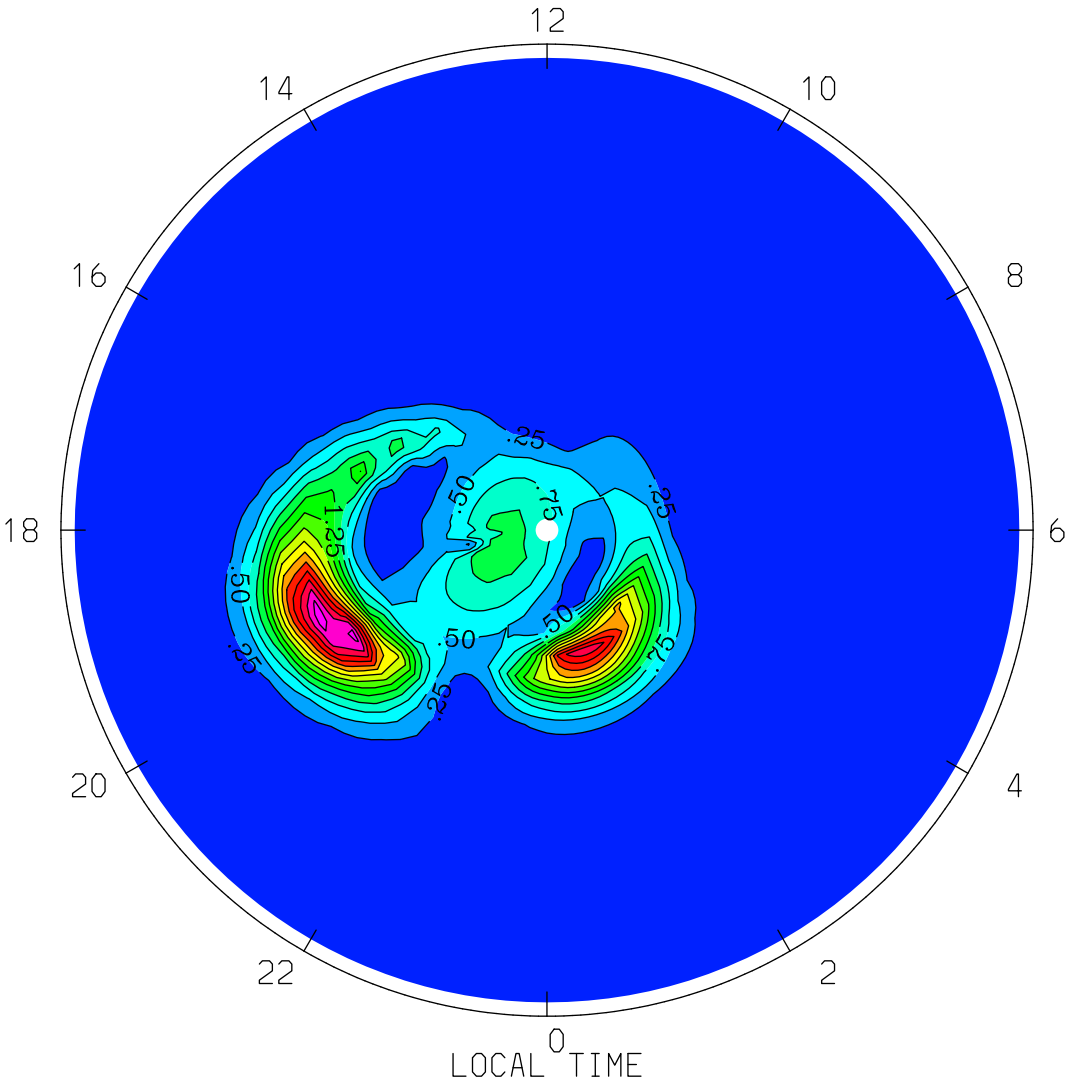
MIN,MAX= 1.9107E-14 2.2467E-14 INTERVAL= 2.5000E-16

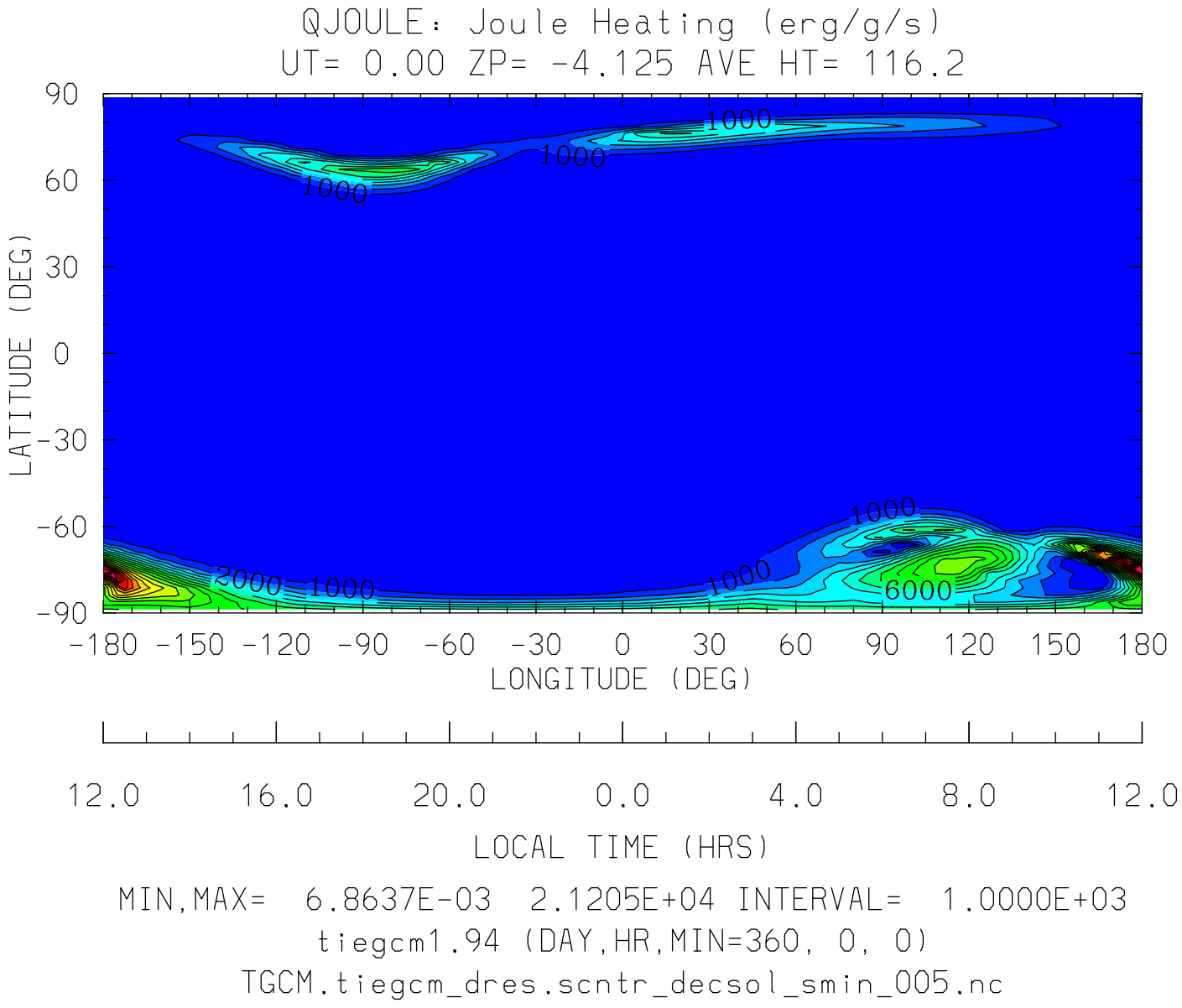
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

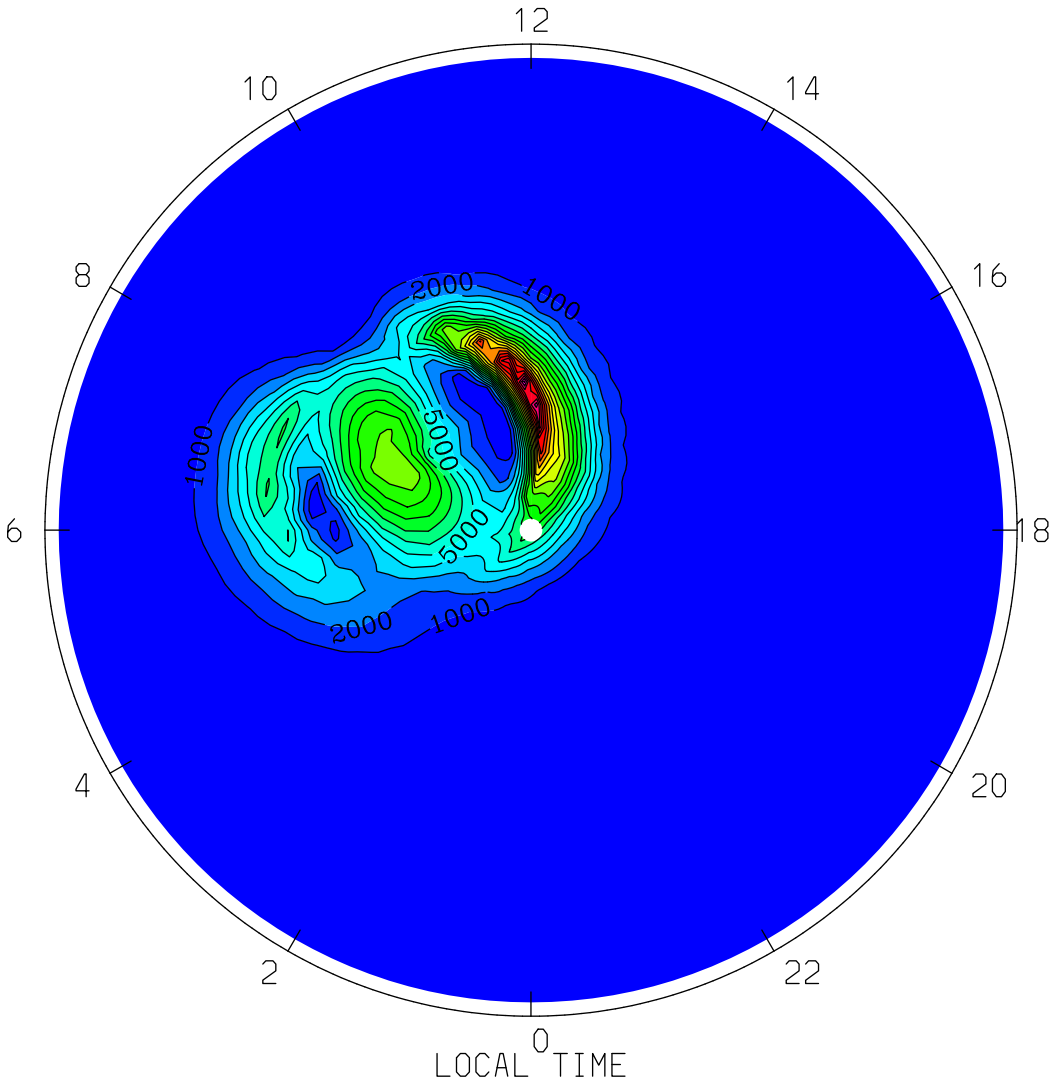
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

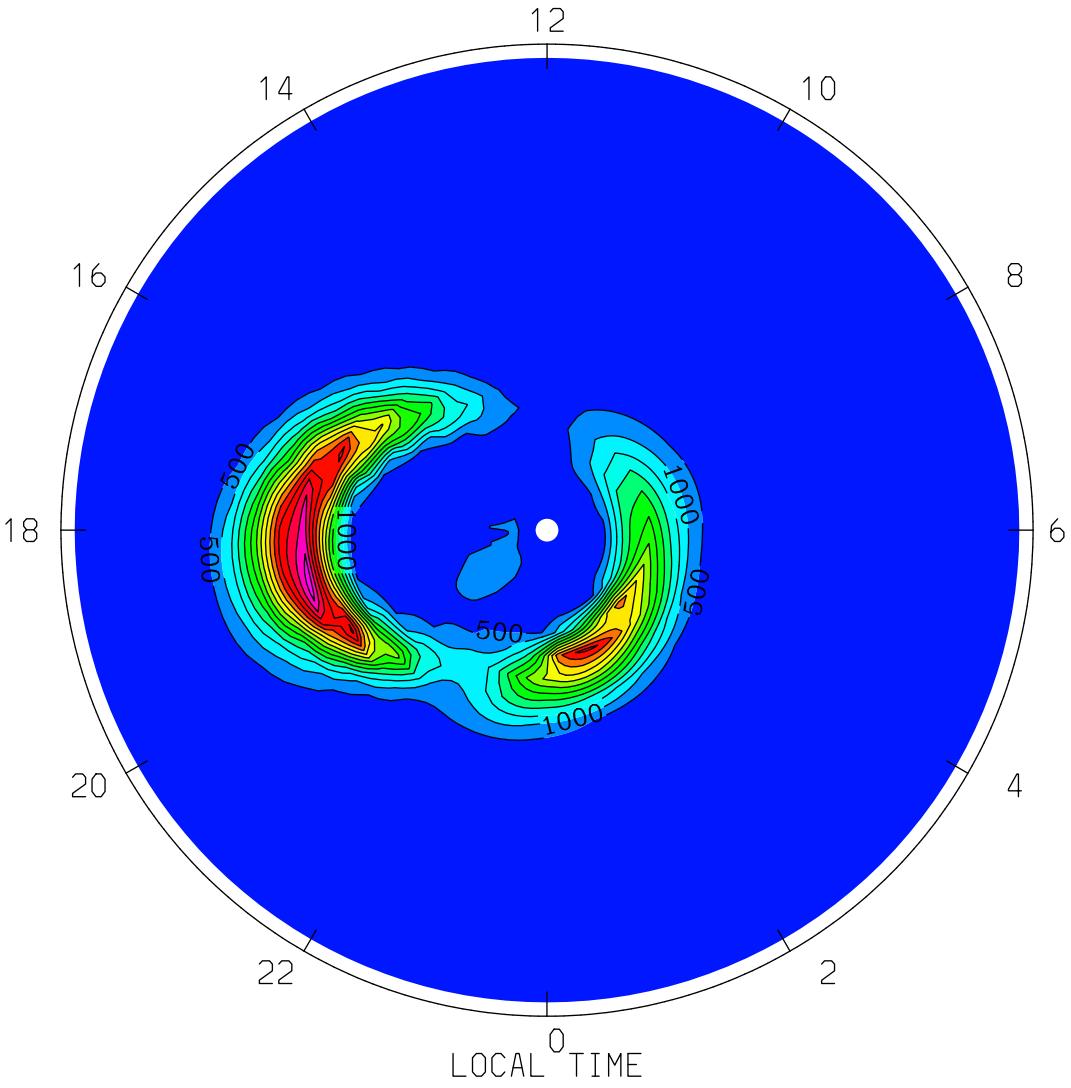

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -6.875 AVE HT= 97.0
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.0792E-05 2.0811E+01 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

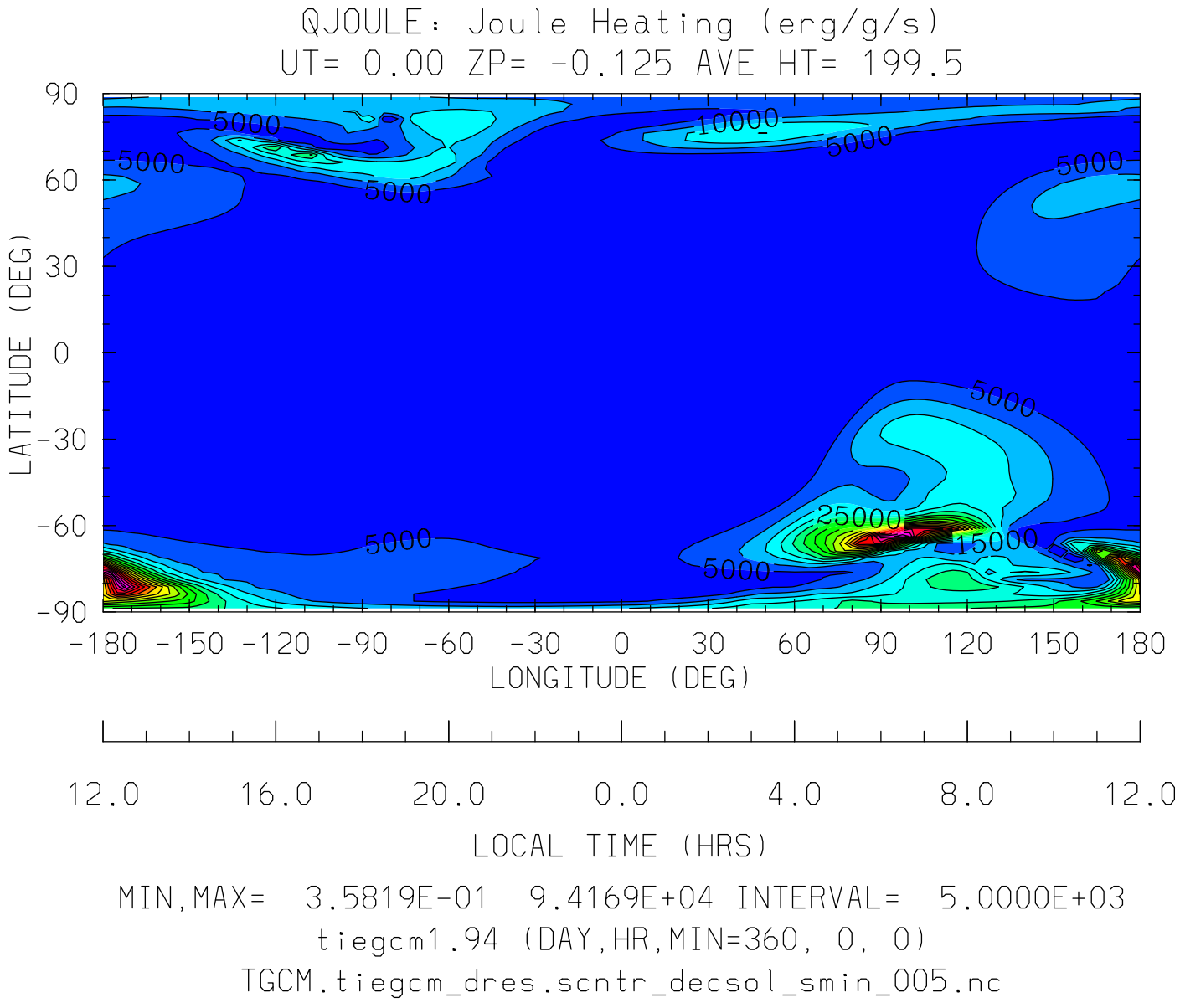

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 1.0792E-05 1.2942E+01 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

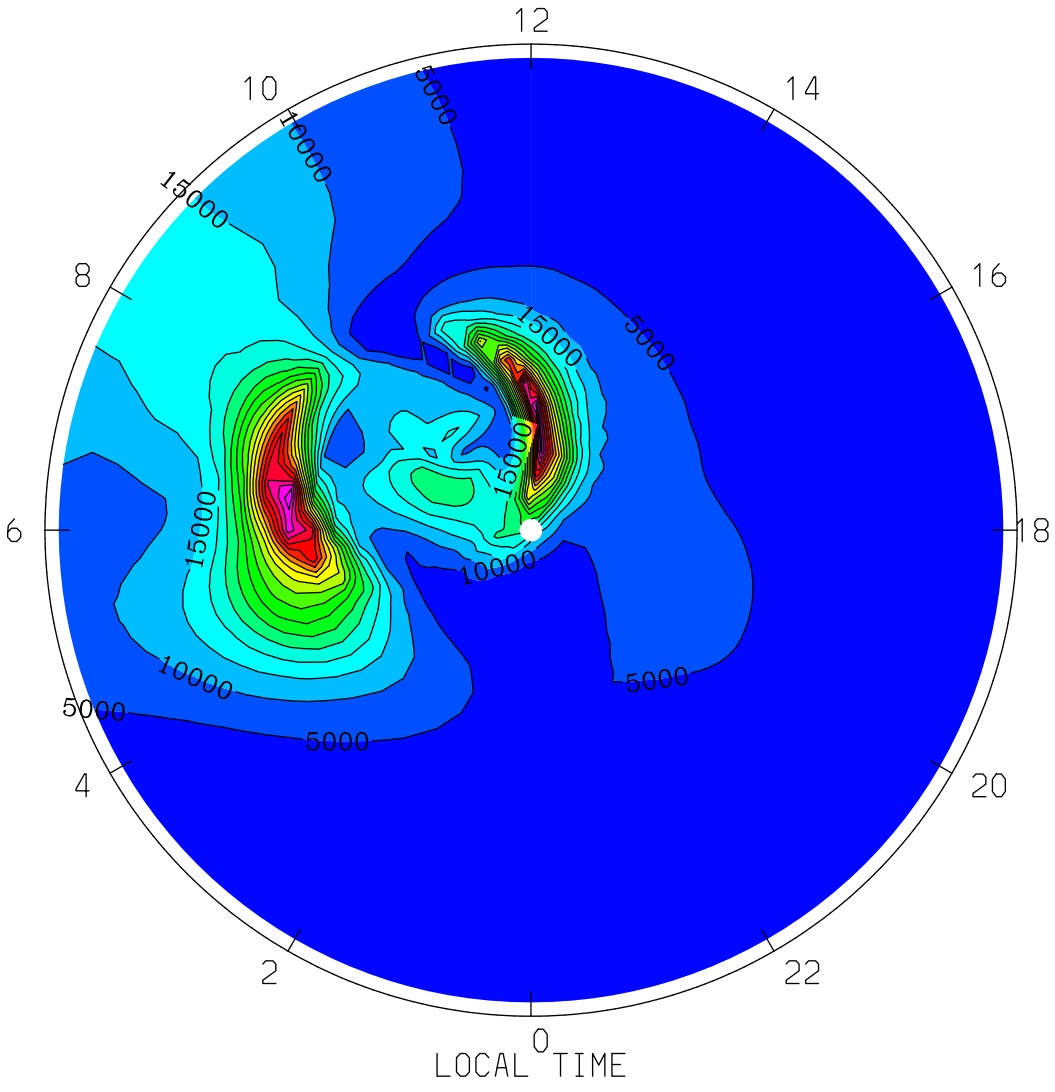

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
.25
.50
.75
1.25
.50
.25
.50
.75
.50
.25
.25
MIN,MAX= 4.1782E-04 3.6729E+00 INTERVAL= 2.5000E-01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -4.125 AVE HT= 116.2
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
1000
1000
1000
1000
1000
2000
6000
-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= 6.8637E-03 2.1205E+04 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -4.125 AVE HT= 116.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
2000
1000
5000
1000
5000
2000
1000
LOCAL TIME
MIN,MAX= 1.5172E-01 2.1205E+04 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -4.125 AVE HT= 116.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
500
1000
500
1000
500
1000
MIN,MAX= 5.8910E-02 7.7746E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

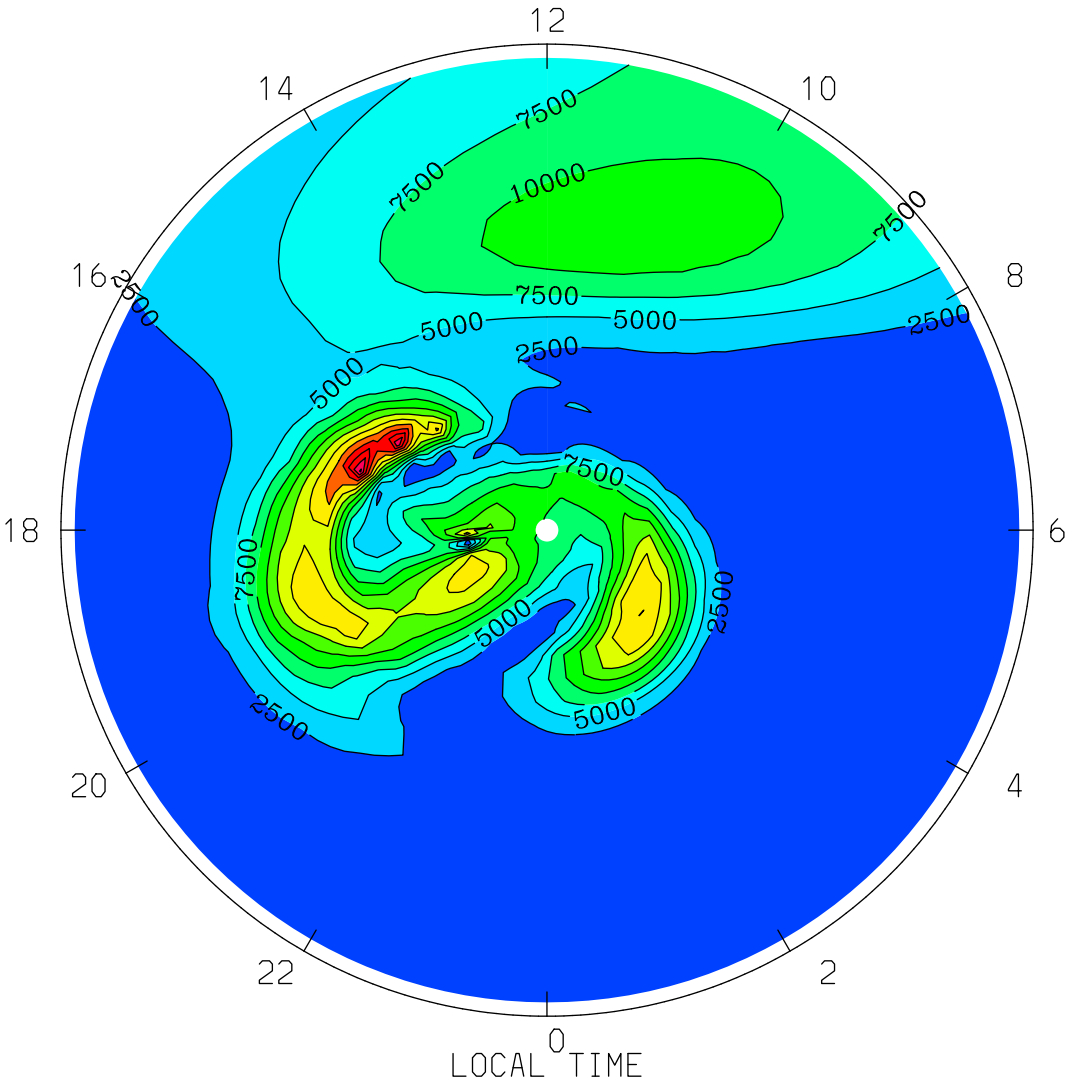

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -0.125 AVE HT= 199.5
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
5000
5000
5000
10000
5000
5000
5000
25000
15000
5000
5000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.5819E-01 9.4169E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 1.0390E+01 9.4169E+04 INTERVAL= 5.0000E+03

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

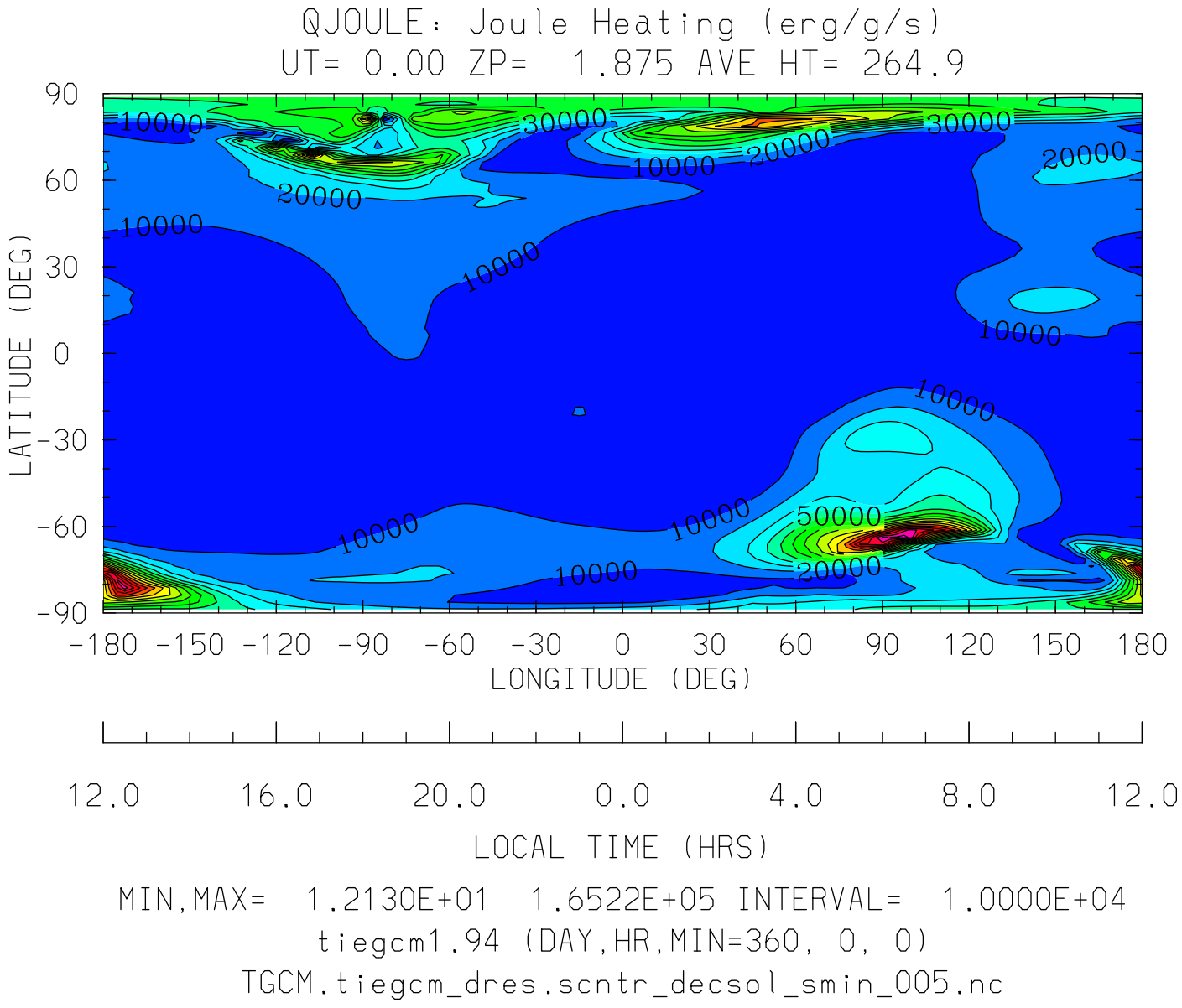
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

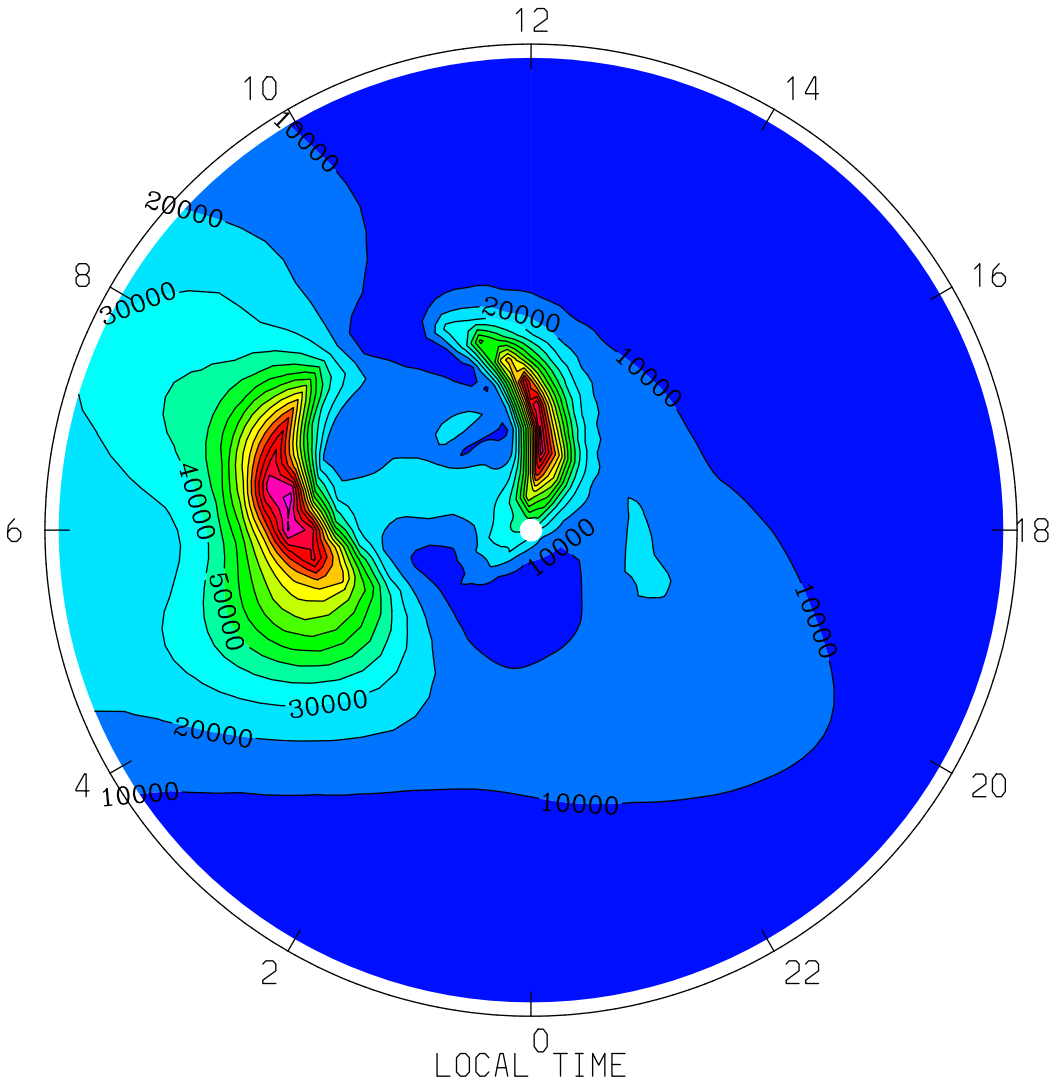


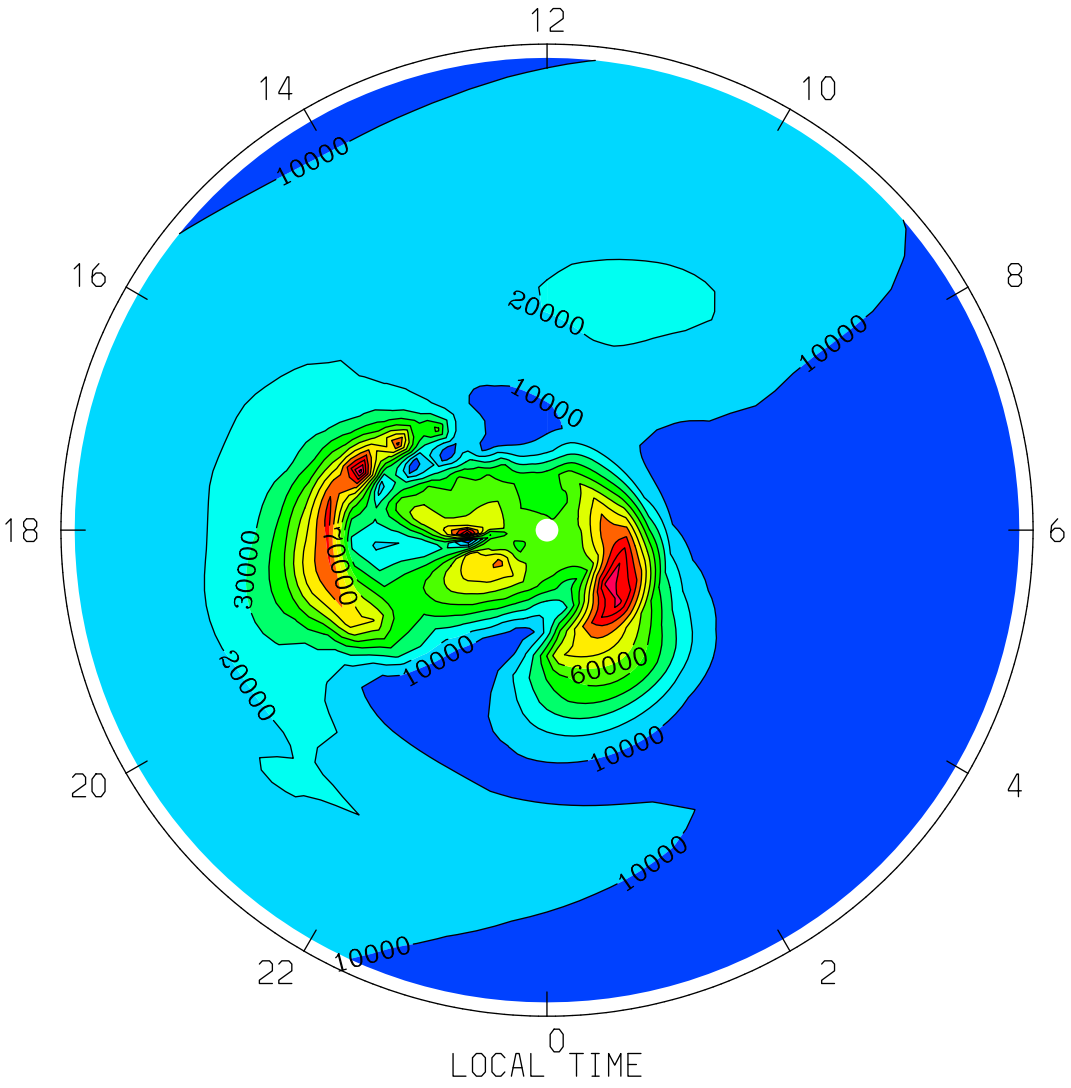
MIN,MAX= 6.8220E+00 3.0444E+04 INTERVAL= 2.5000E+03

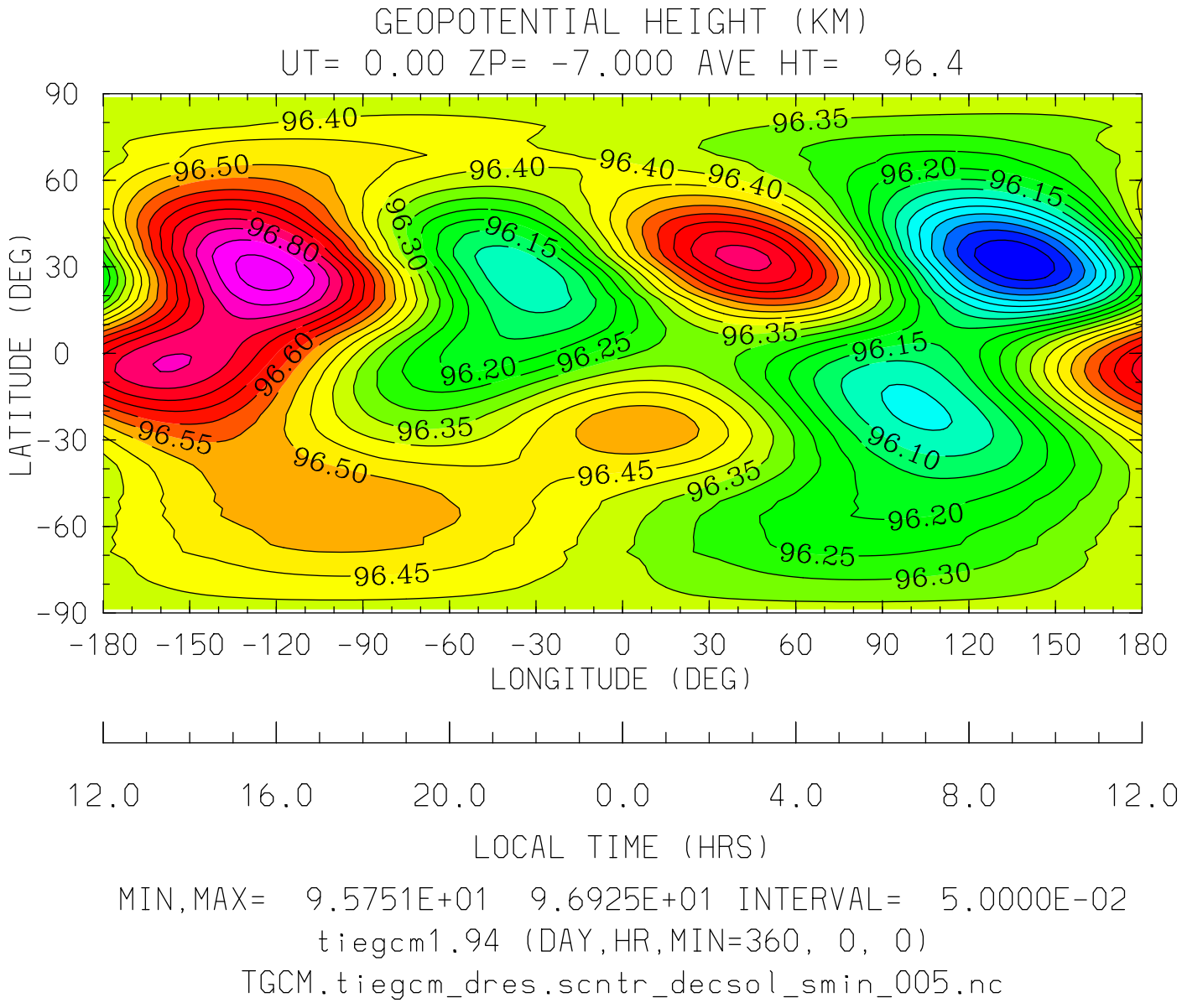
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= 1.875 AVE HT= 264.9
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
10000
30000
20000
50000
-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= 1.2130E+01 1.6522E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= 1.875 AVE HT= 264.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
10000
20000
30000
40000
50000
MIN,MAX= 1.2130E+01 1.6522E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

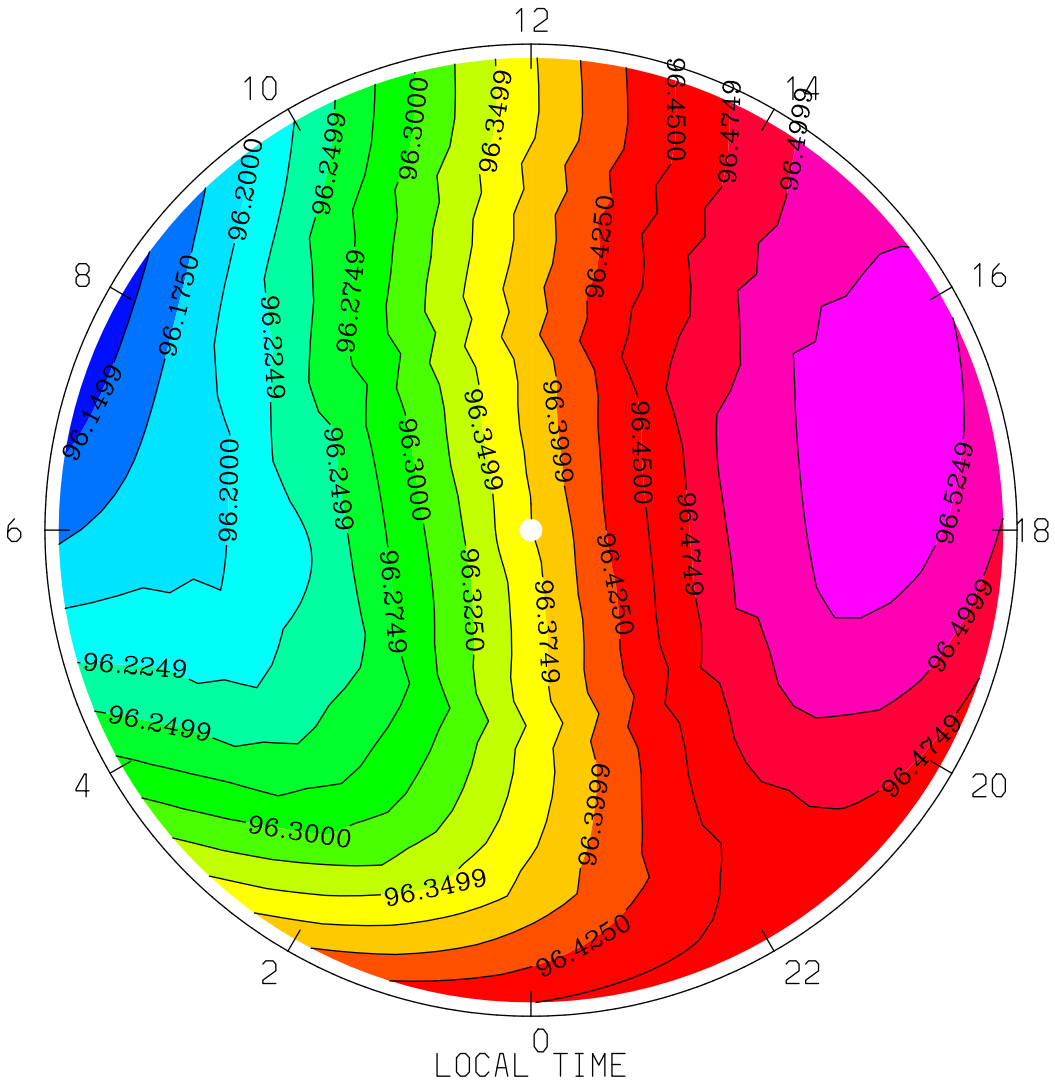

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= 1.875 AVE HT= 264.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
10000
20000
10000
10000
30000
10000
20000
60000
10000
10000
10000
10000
LOCAL TIME
MIN,MAX= 6.4516E+01 1.2427E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

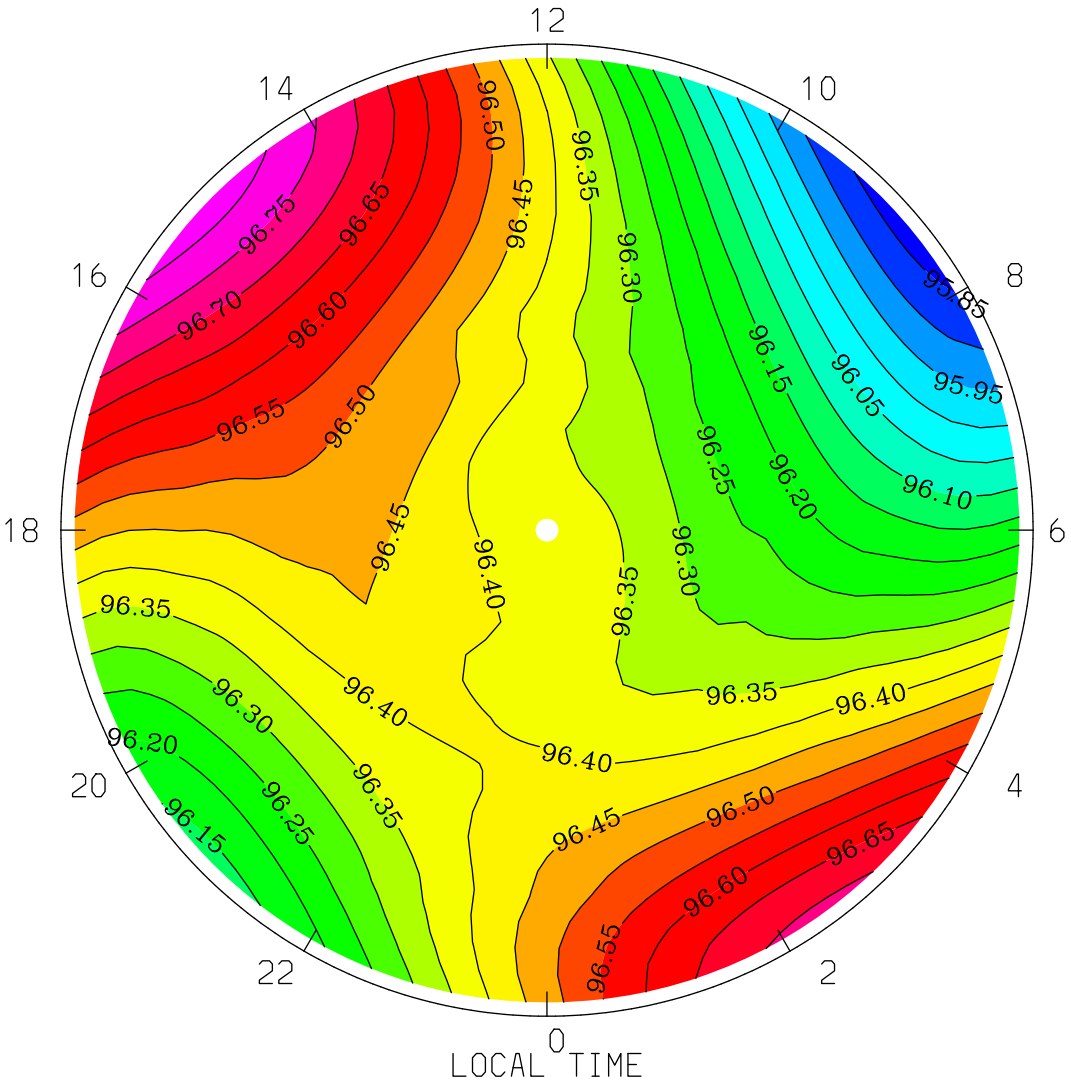


MIN,MAX= 9.5751E+01 9.6925E+01 INTERVAL= 5.0000E-02

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

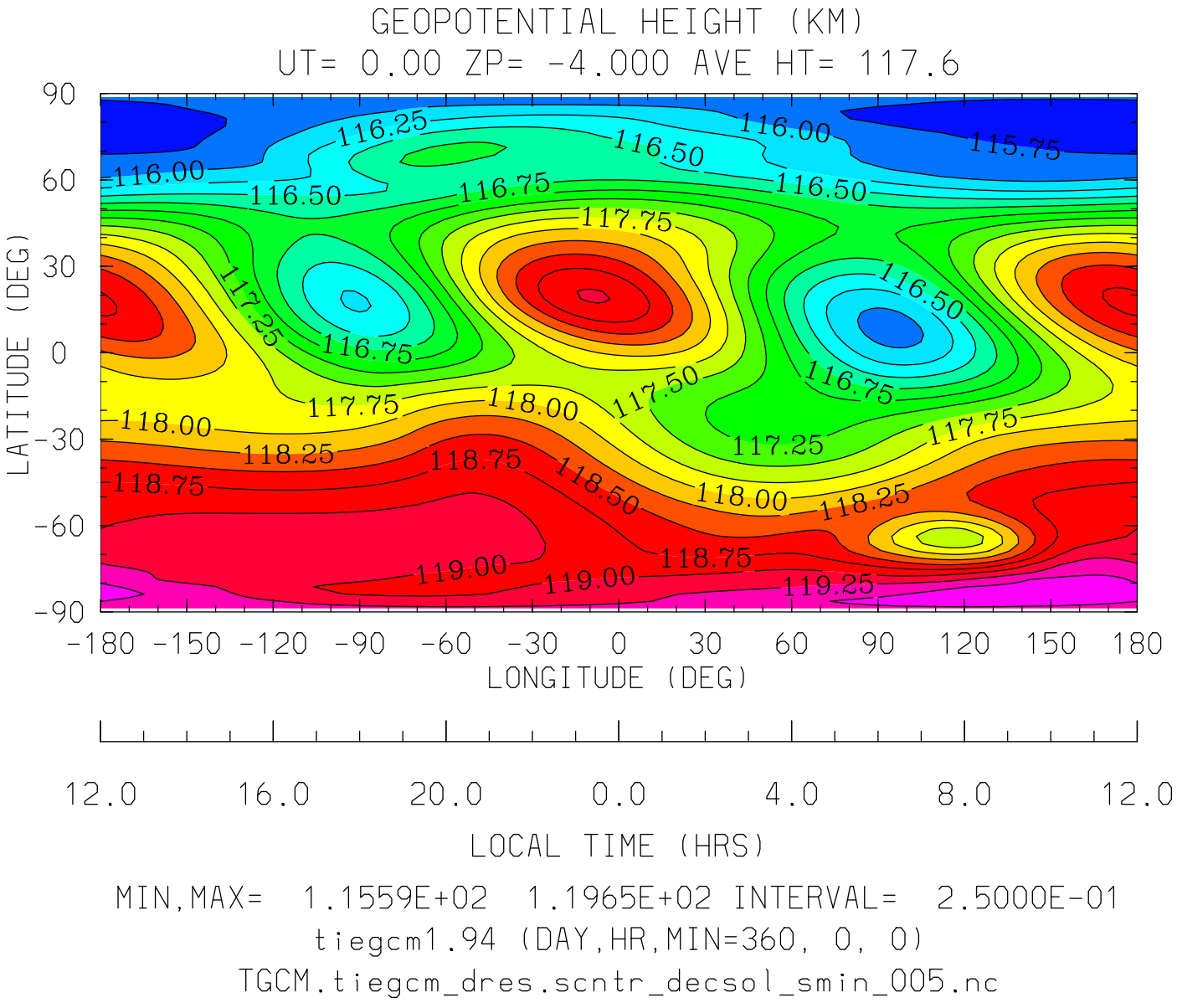

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
96.1499
96.1750
96.2000
96.2249
96.2499
96.2749
96.3000
96.3249
96.3499
96.3749
96.3999
96.4250
96.4500
96.4749
96.4999
96.5249
MIN,MAX= 9.6138E+01 9.6540E+01 INTERVAL= 2.5000E-02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



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

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

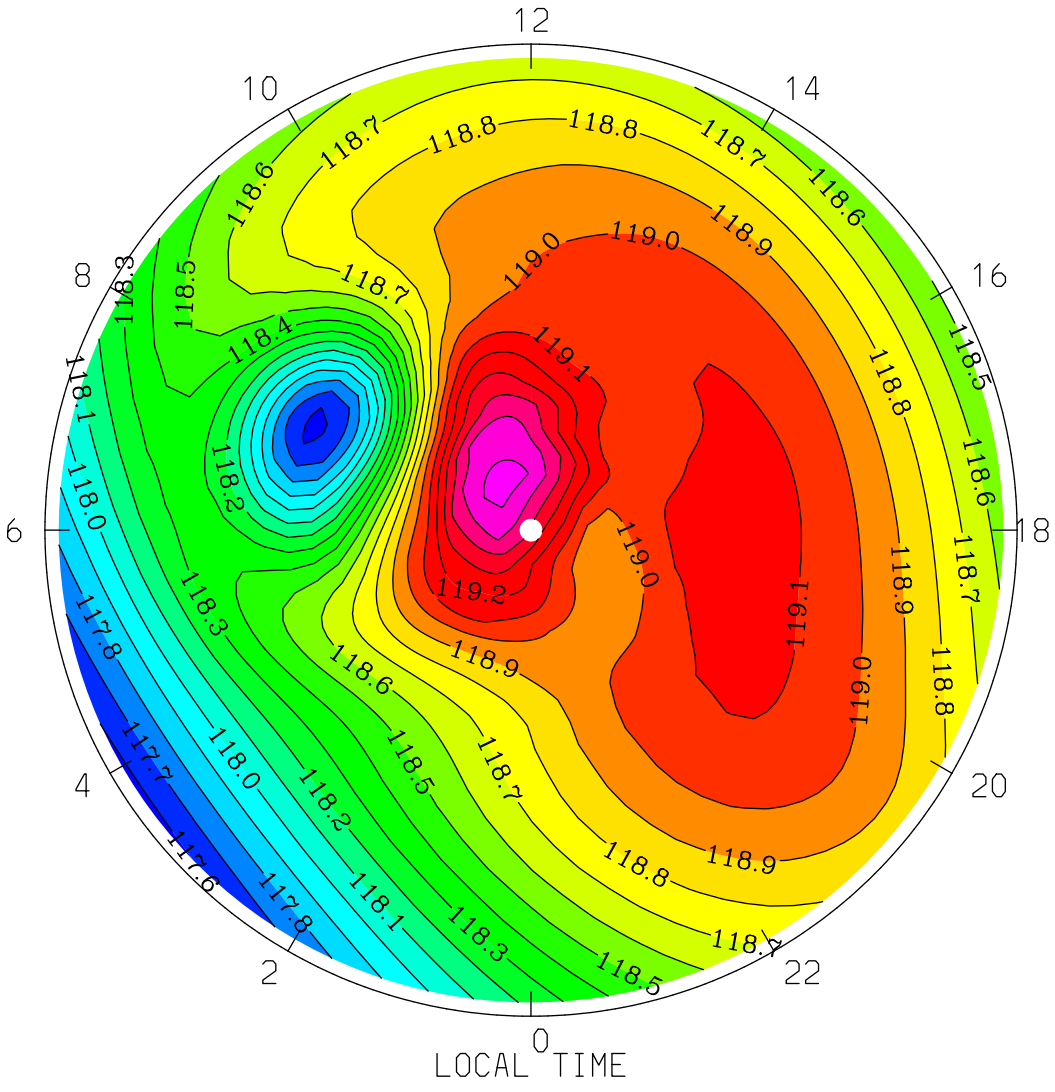
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

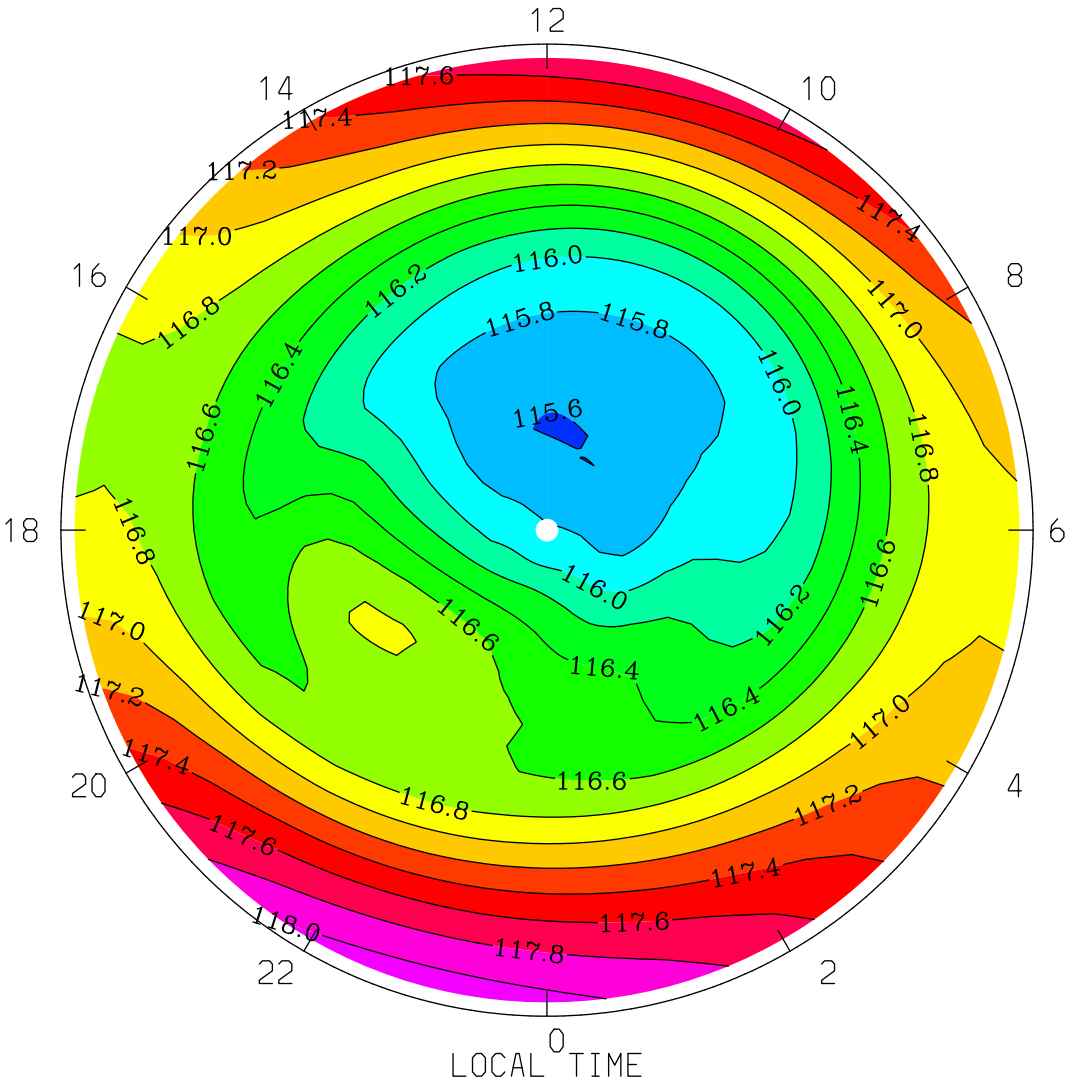


MIN,MAX= 1.1559E+02 1.1965E+02 INTERVAL= 2.5000E-01

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

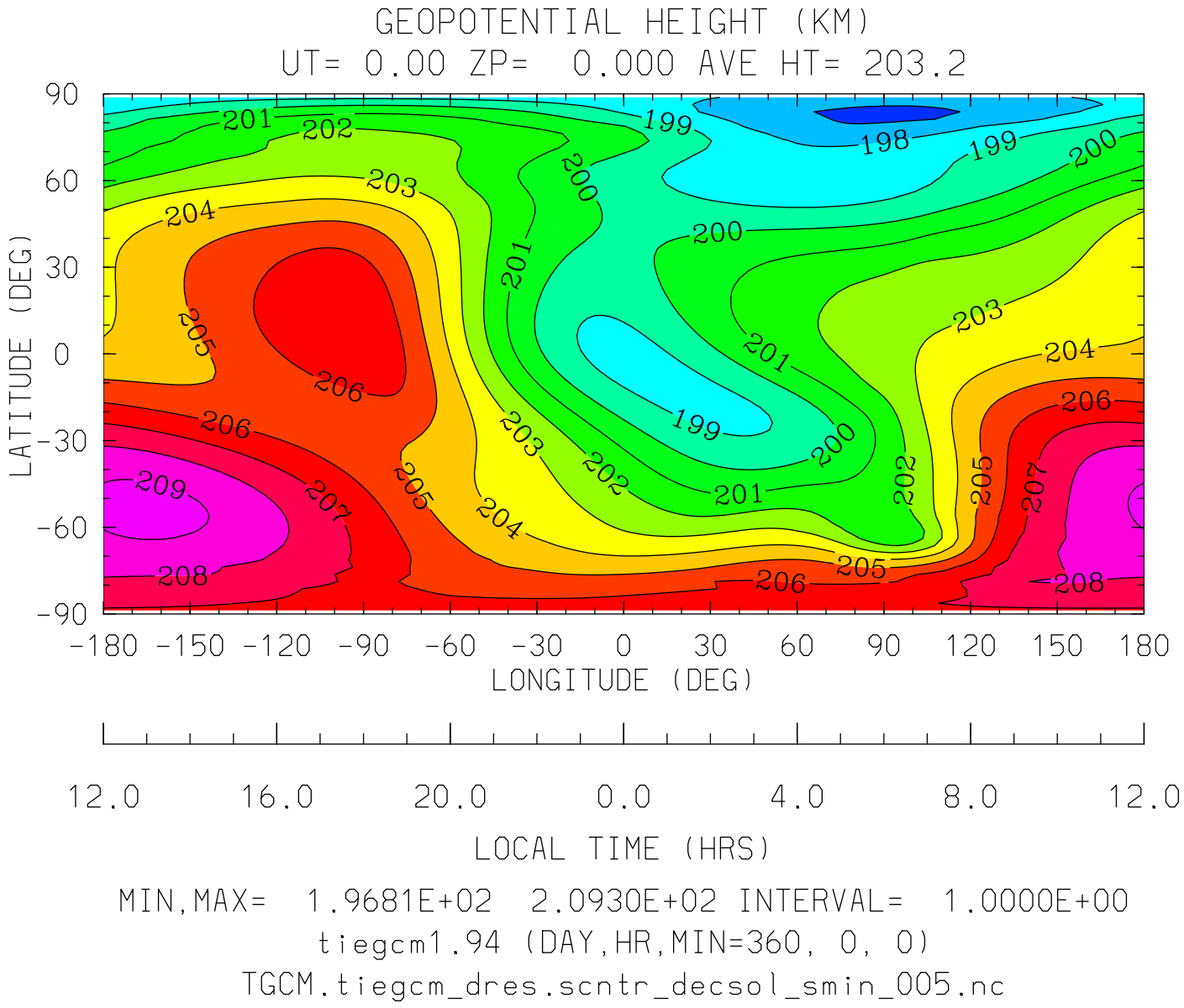

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 1.1757E+02 1.1965E+02 INTERVAL= 1.0000E-01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

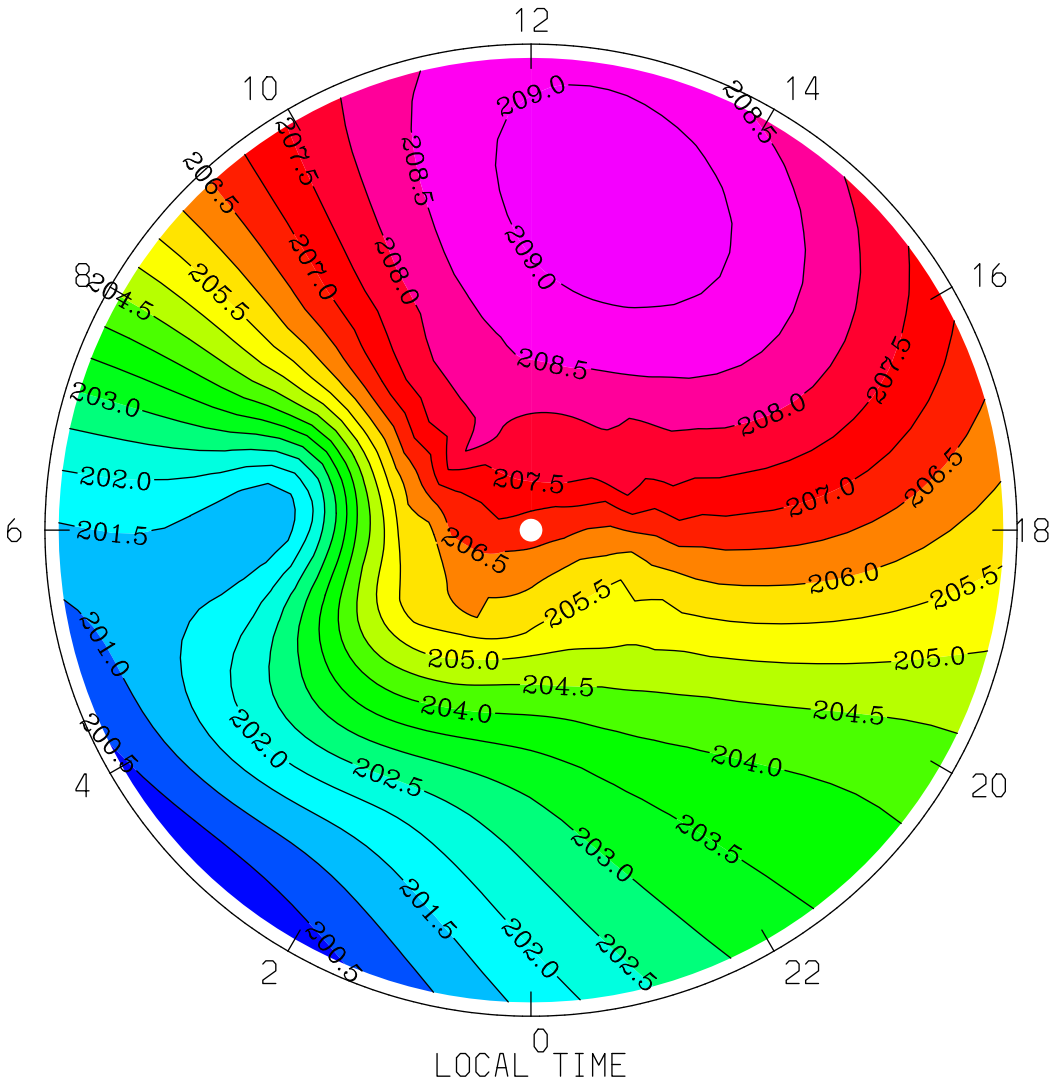


MIN,MAX= 1.1559E+02 1.1812E+02 INTERVAL= 2.0000E-01

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

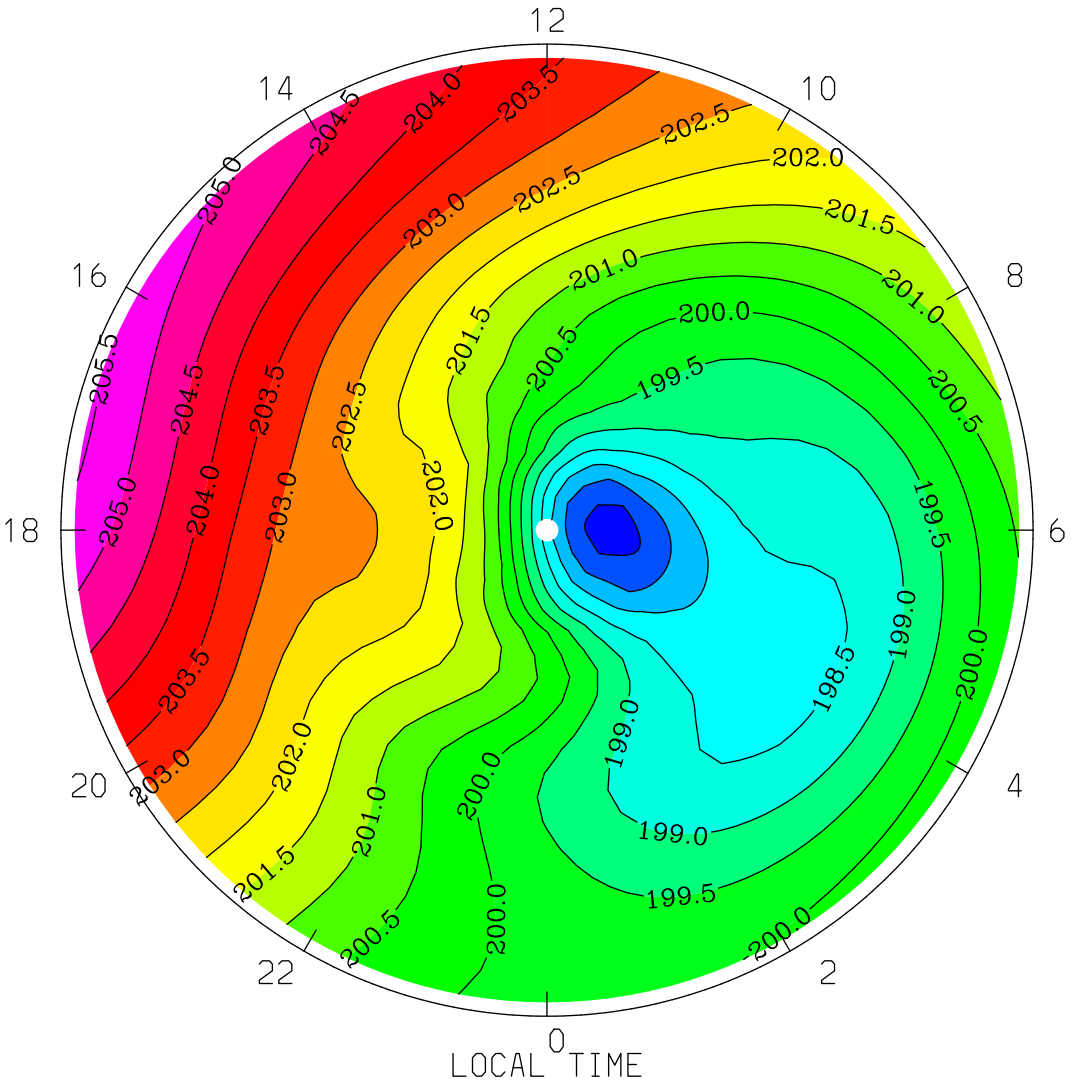

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 0.000 AVE HT= 203.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.9681E+02 2.0930E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



MIN,MAX= 2.0013E+02 2.0930E+02 INTERVAL= 5.0000E-01

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

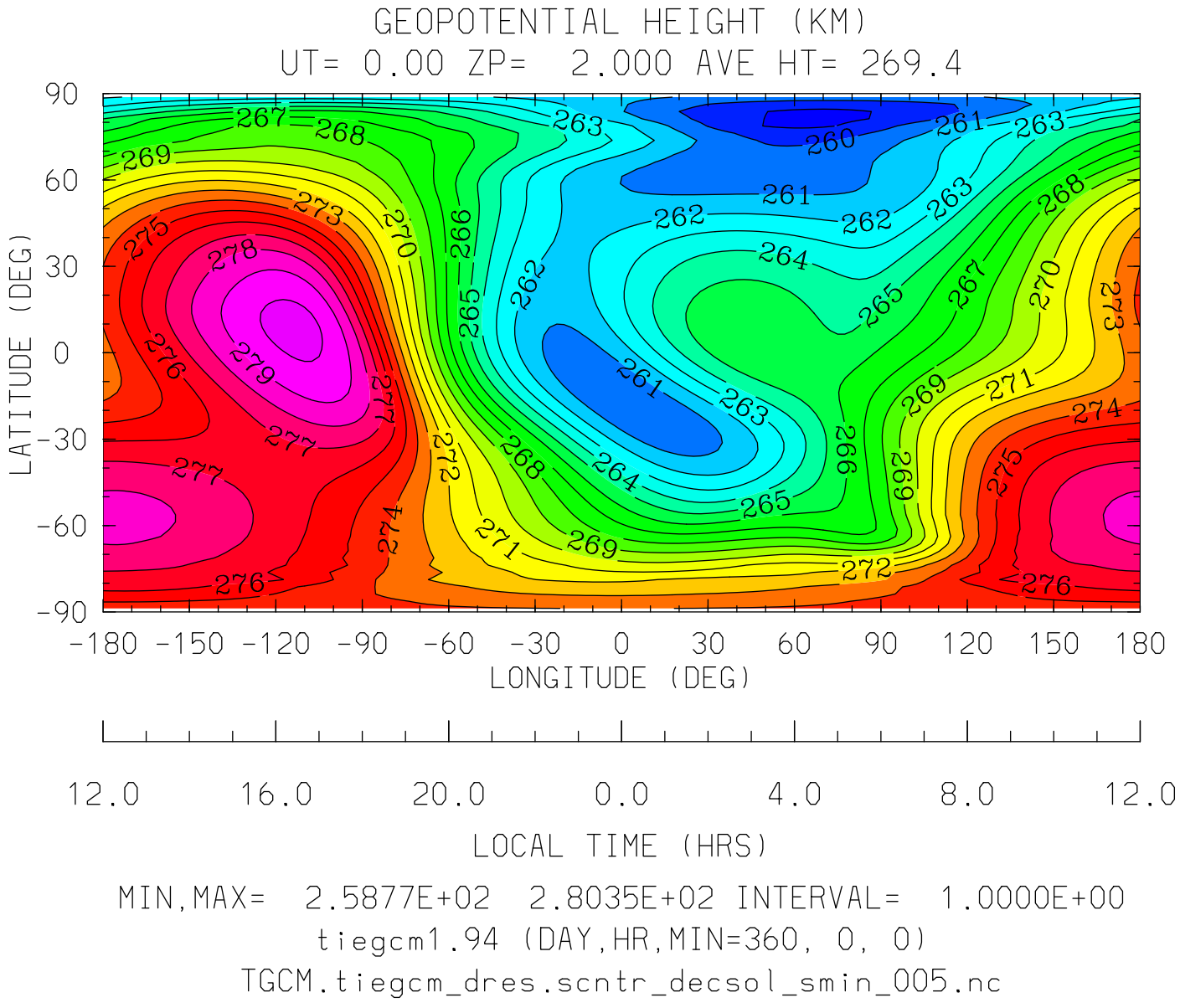
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

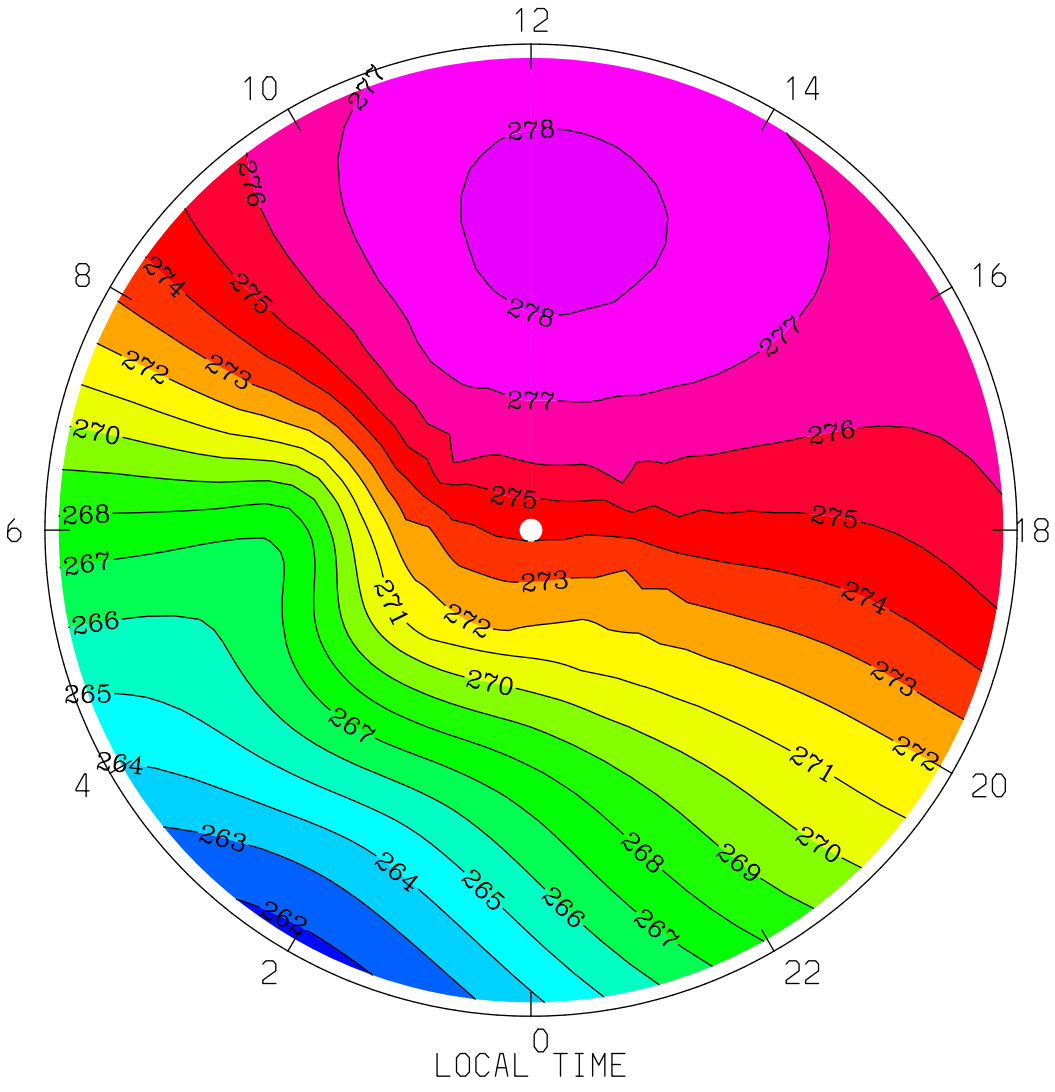


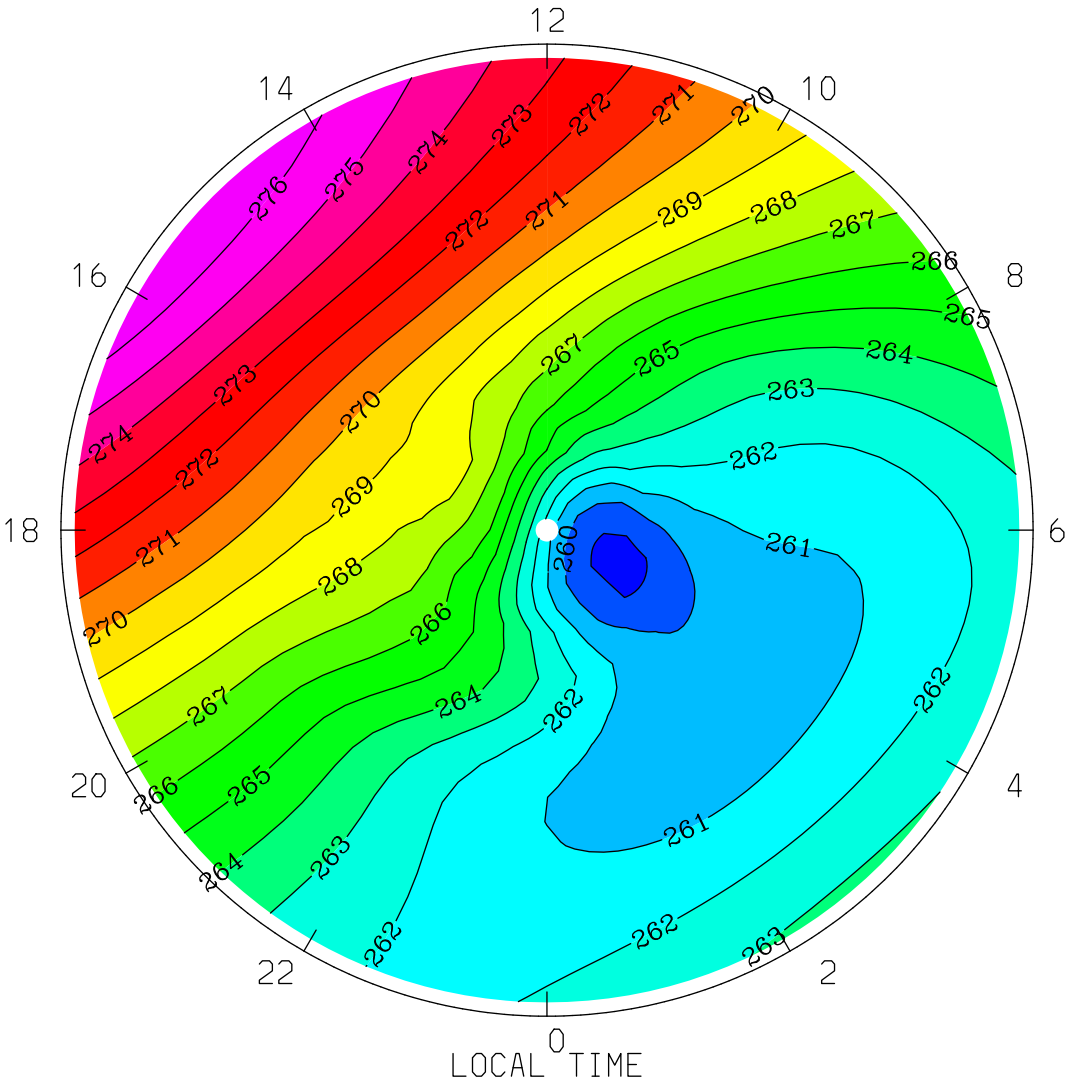
MIN,MAX= 1.9681E+02 2.0556E+02 INTERVAL= 5.0000E-01

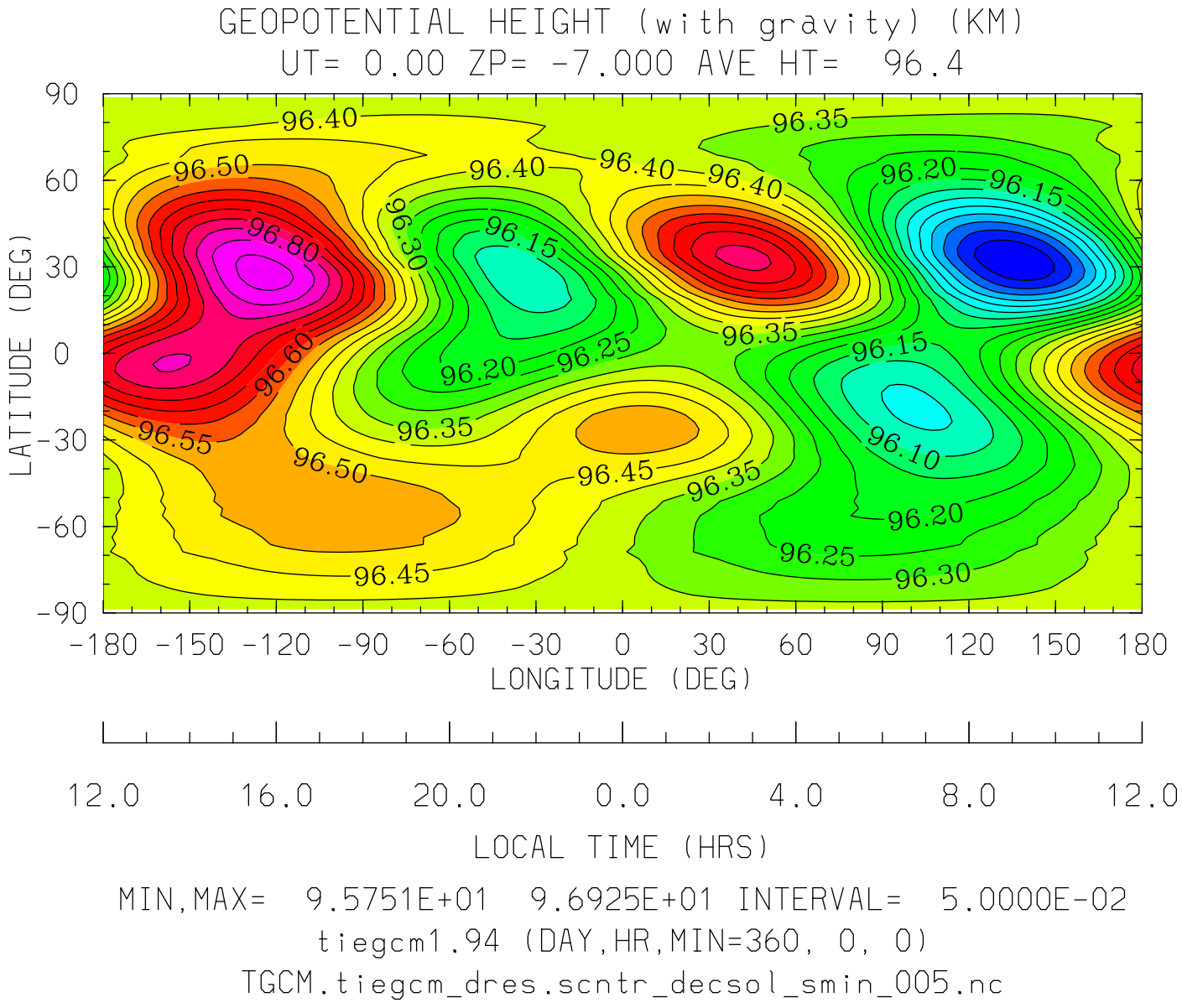
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 2.000 AVE HT= 269.4
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= 2.5877E+02 2.8035E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 2.6178E+02 2.7828E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

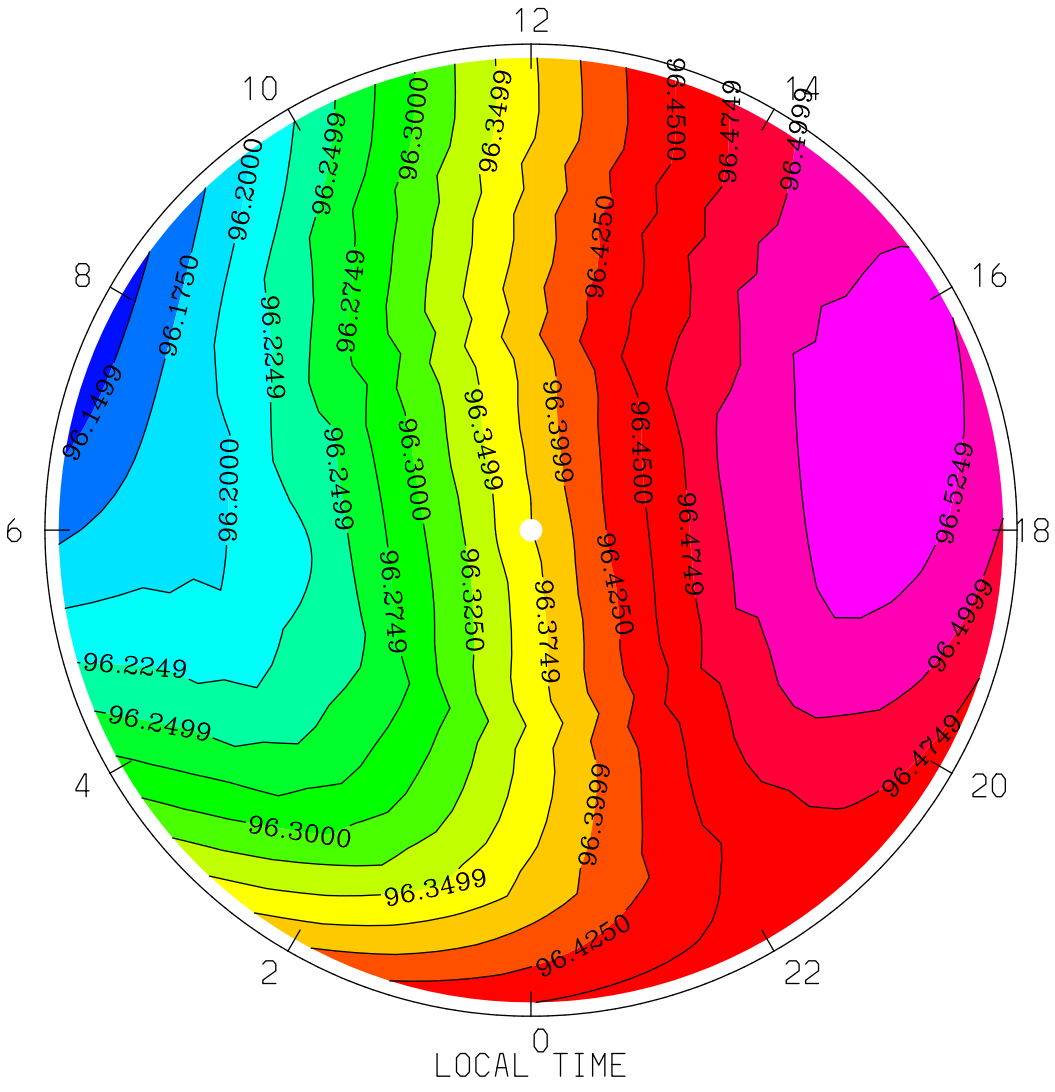

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 2.5877E+02 2.7695E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

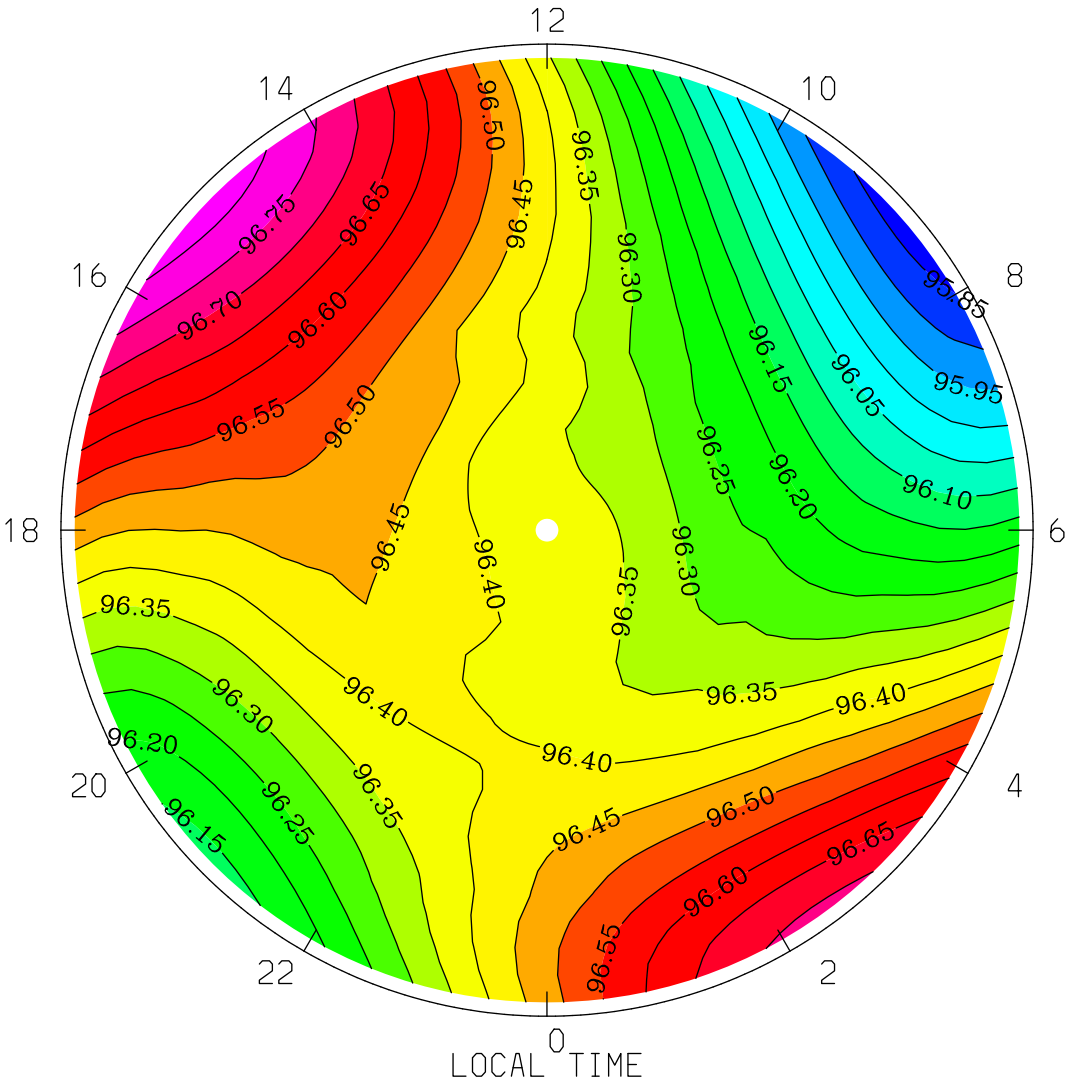


MIN,MAX= 9.5751E+01 9.6925E+01 INTERVAL= 5.0000E-02

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

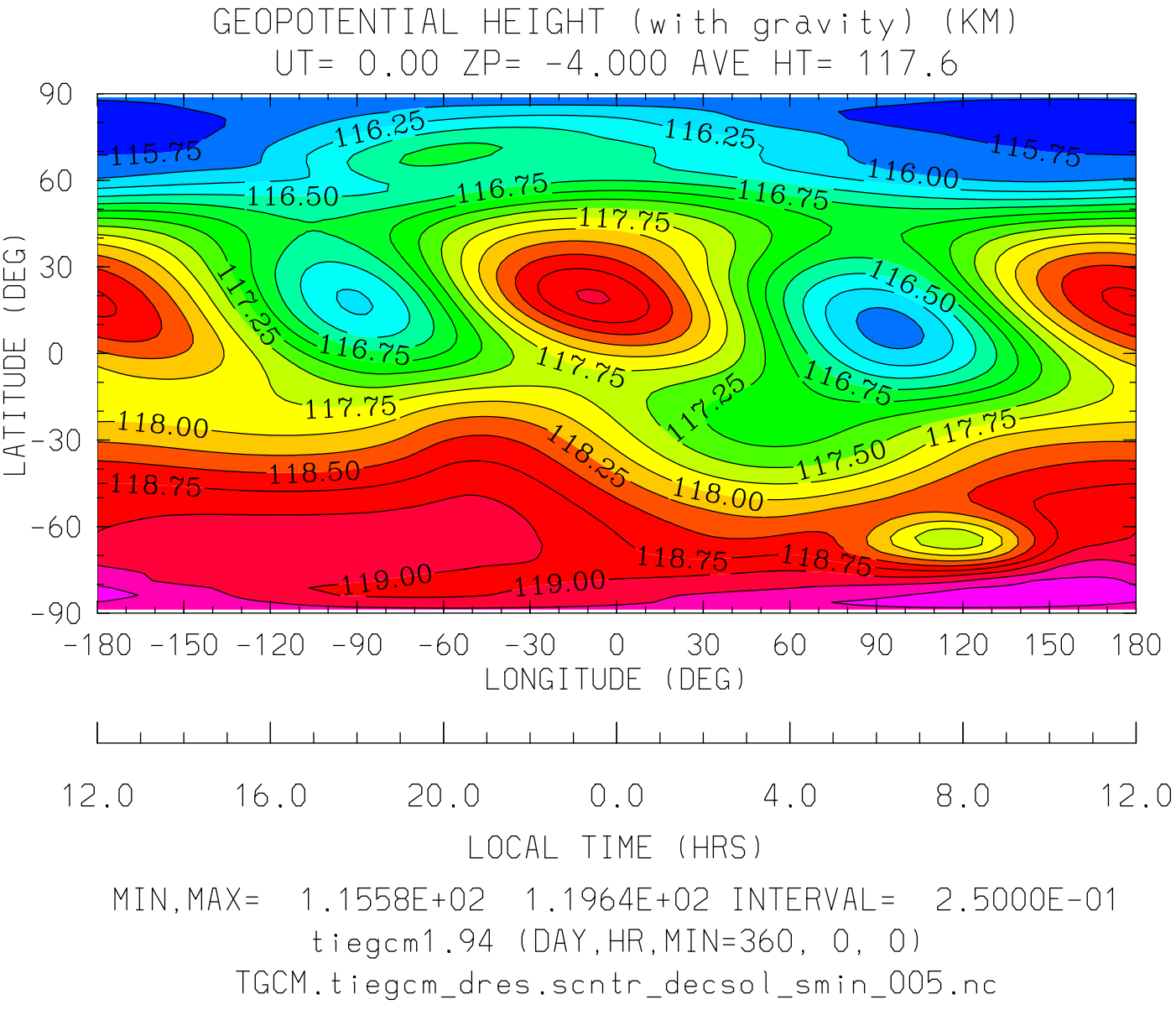

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
96.1499
96.1750
96.2000
96.2249
96.2499
96.2749
96.3000
96.3249
96.3499
96.3749
96.3999
96.4250
96.4500
96.4749
96.4999
96.5249
LOCAL TIME
MIN,MAX= 9.6138E+01 9.6540E+01 INTERVAL= 2.5000E-02
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc



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

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

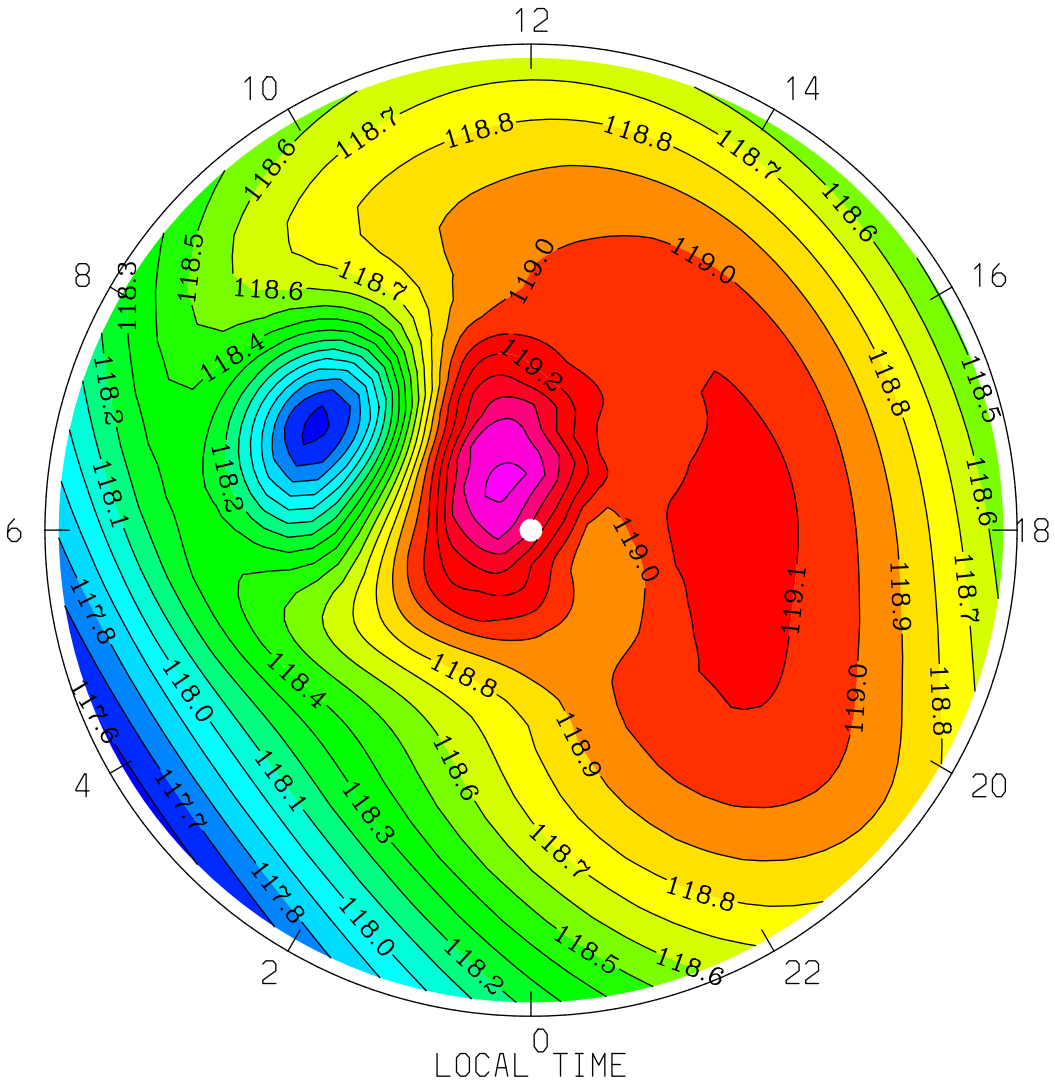
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

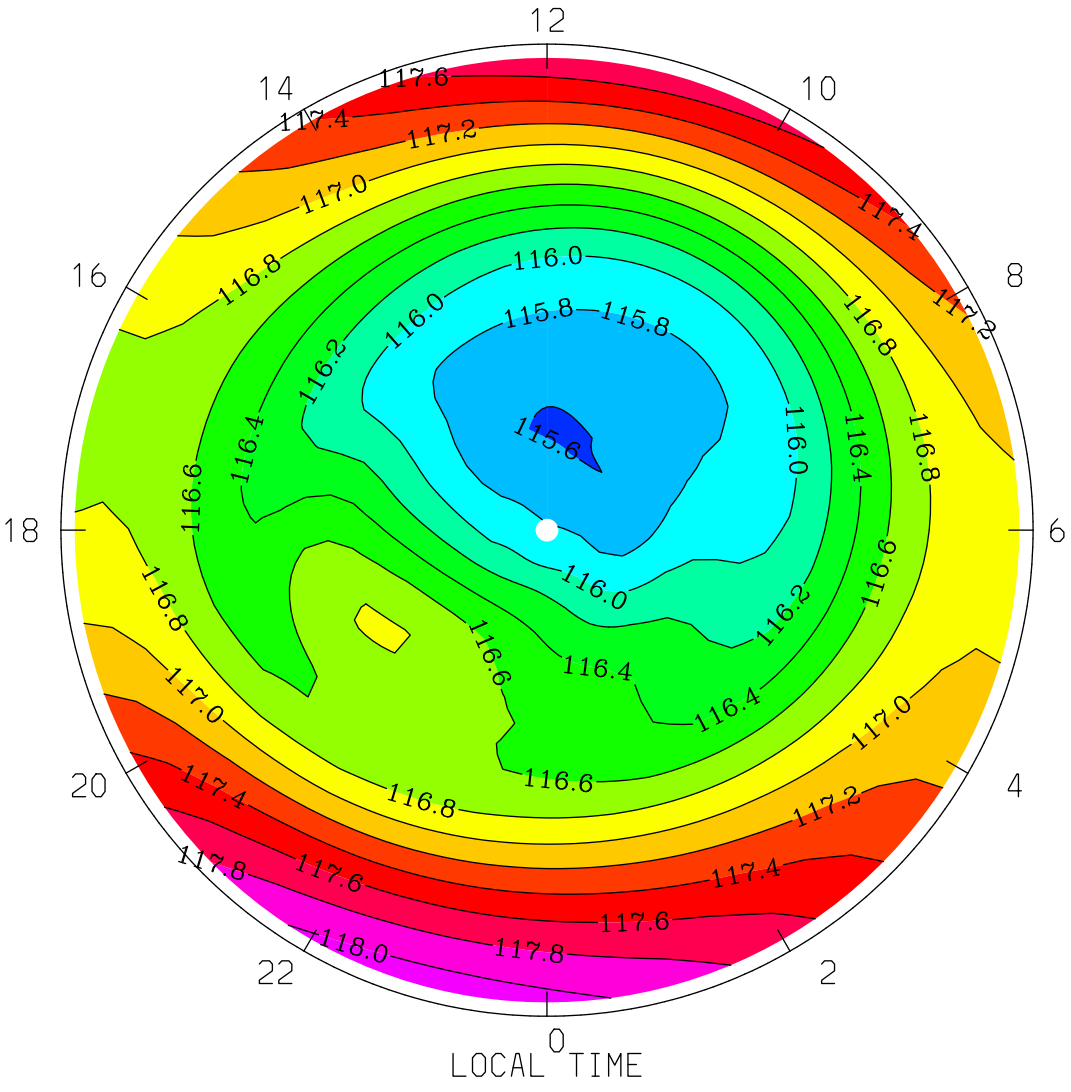


MIN,MAX= 1.1558E+02 1.1964E+02 INTERVAL= 2.5000E-01

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

TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

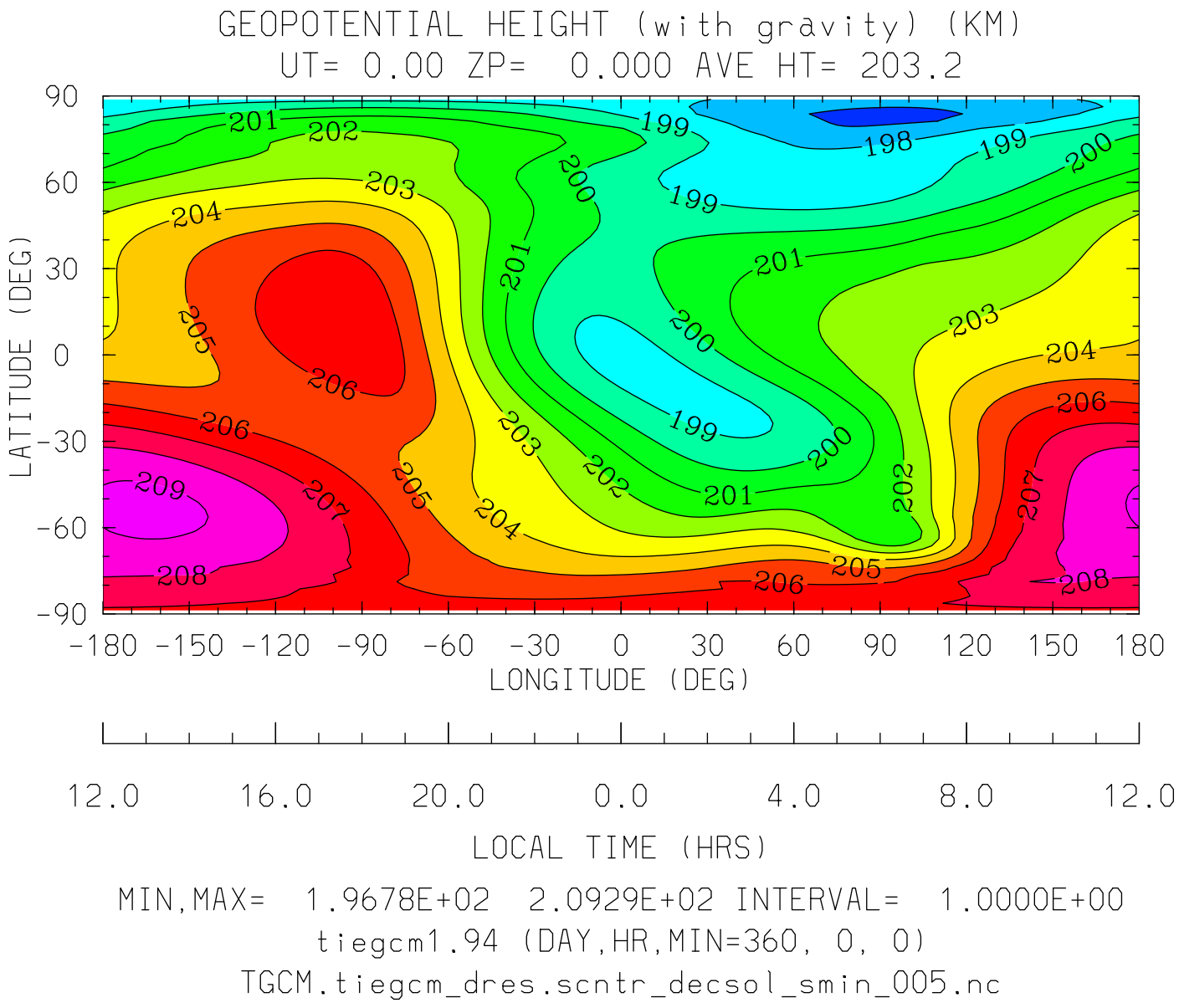

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= -4.000 AVE HT= 117.6 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 1.1756E+02 1.1964E+02 INTERVAL= 1.0000E-01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

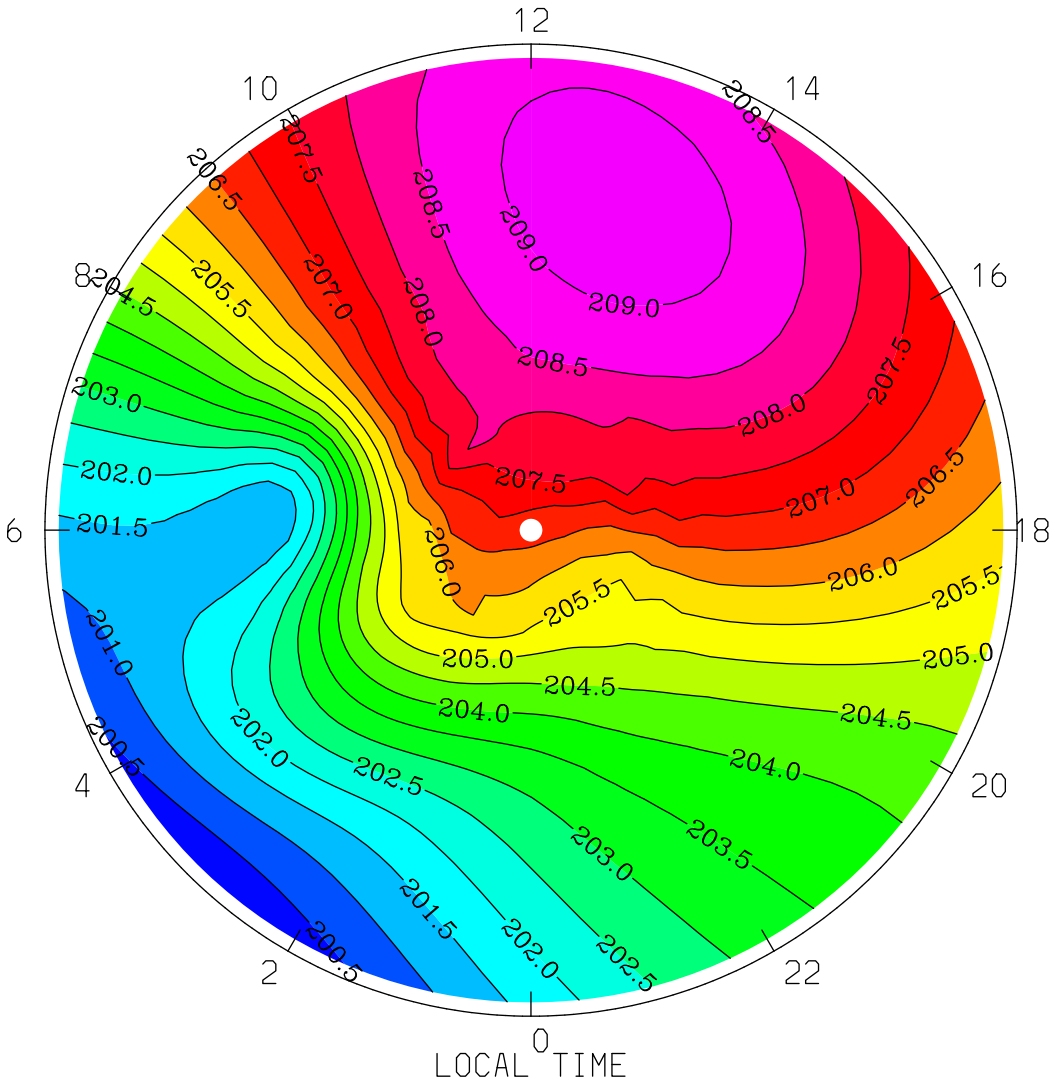


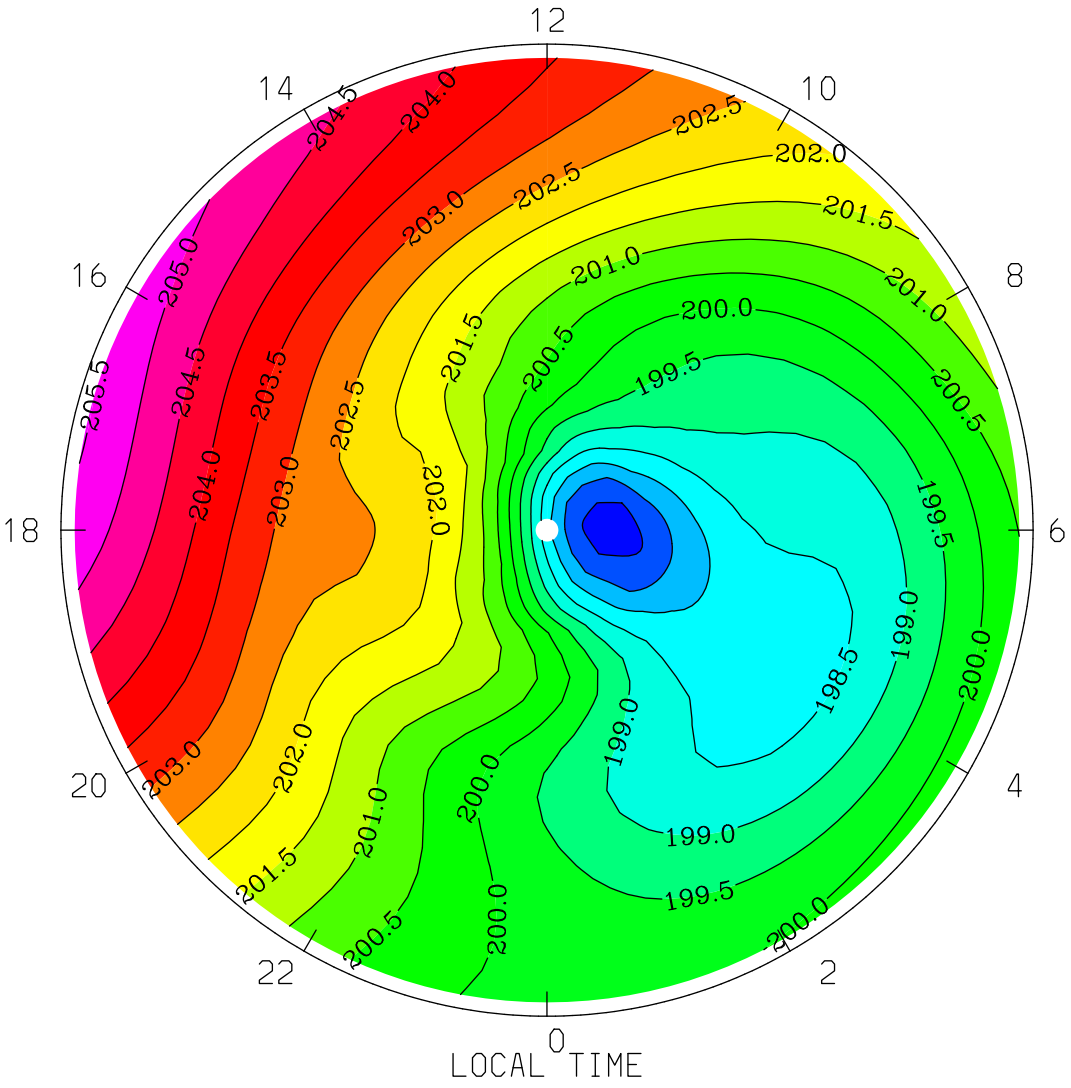
MIN,MAX= 1.1558E+02 1.1812E+02 INTERVAL= 2.0000E-01

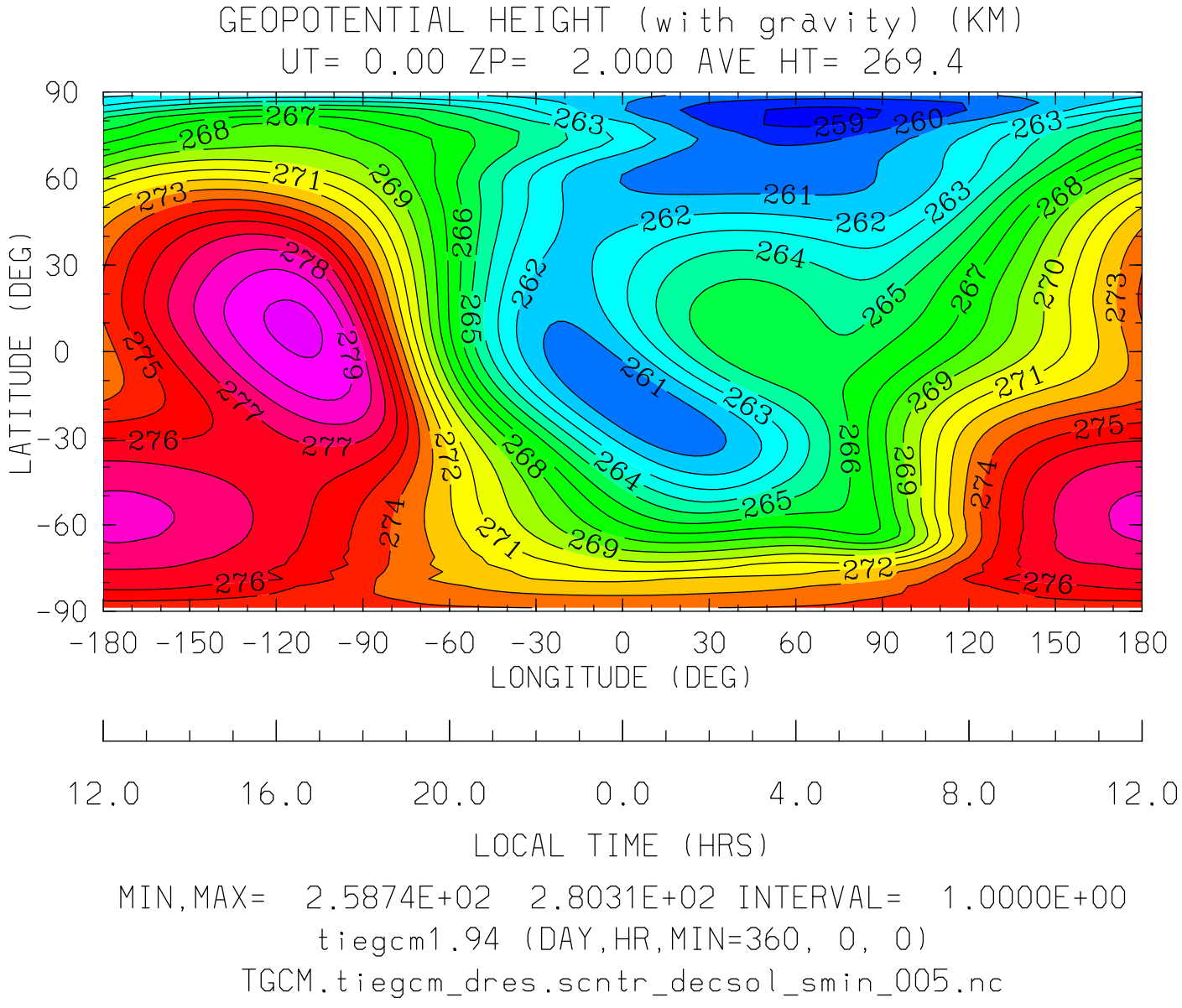
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)

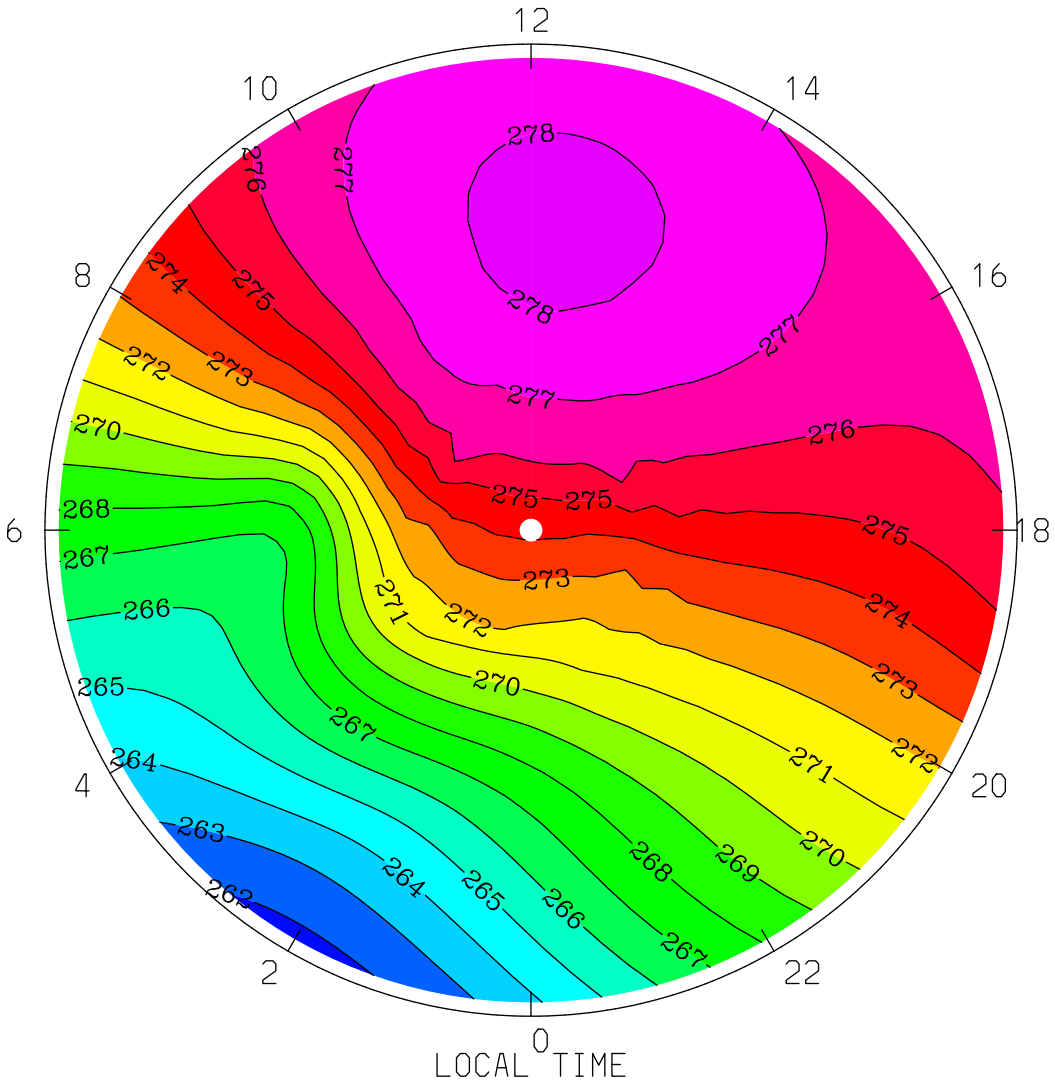
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc

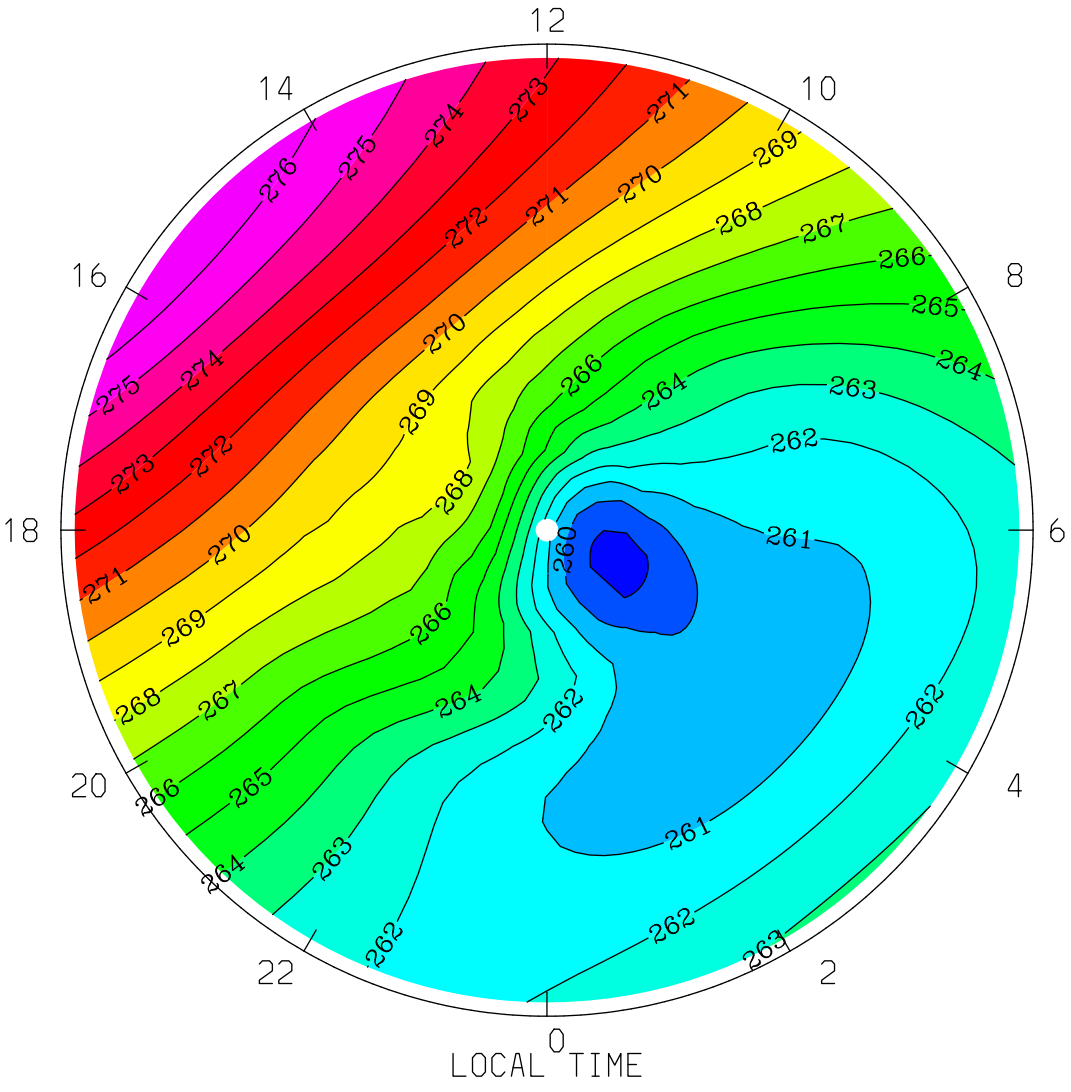

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 0.000 AVE HT= 203.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.9678E+02 2.0929E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 2.0011E+02 2.0929E+02 INTERVAL= 5.0000E-01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 0.000 AVE HT= 203.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 1.9678E+02 2.0552E+02 INTERVAL= 5.0000E-01
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 269.4
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= 2.5874E+02 2.8031E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
278
277
276
275
274
273
272
271
270
268
267
266
265
264
263
262
269
LOCAL TIME
MIN,MAX= 2.6175E+02 2.7826E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 269.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 2.5874E+02 2.7691E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=360, 0, 0)
TGCM.tiegcm_dres.scntr_decsol_smin_005.nc