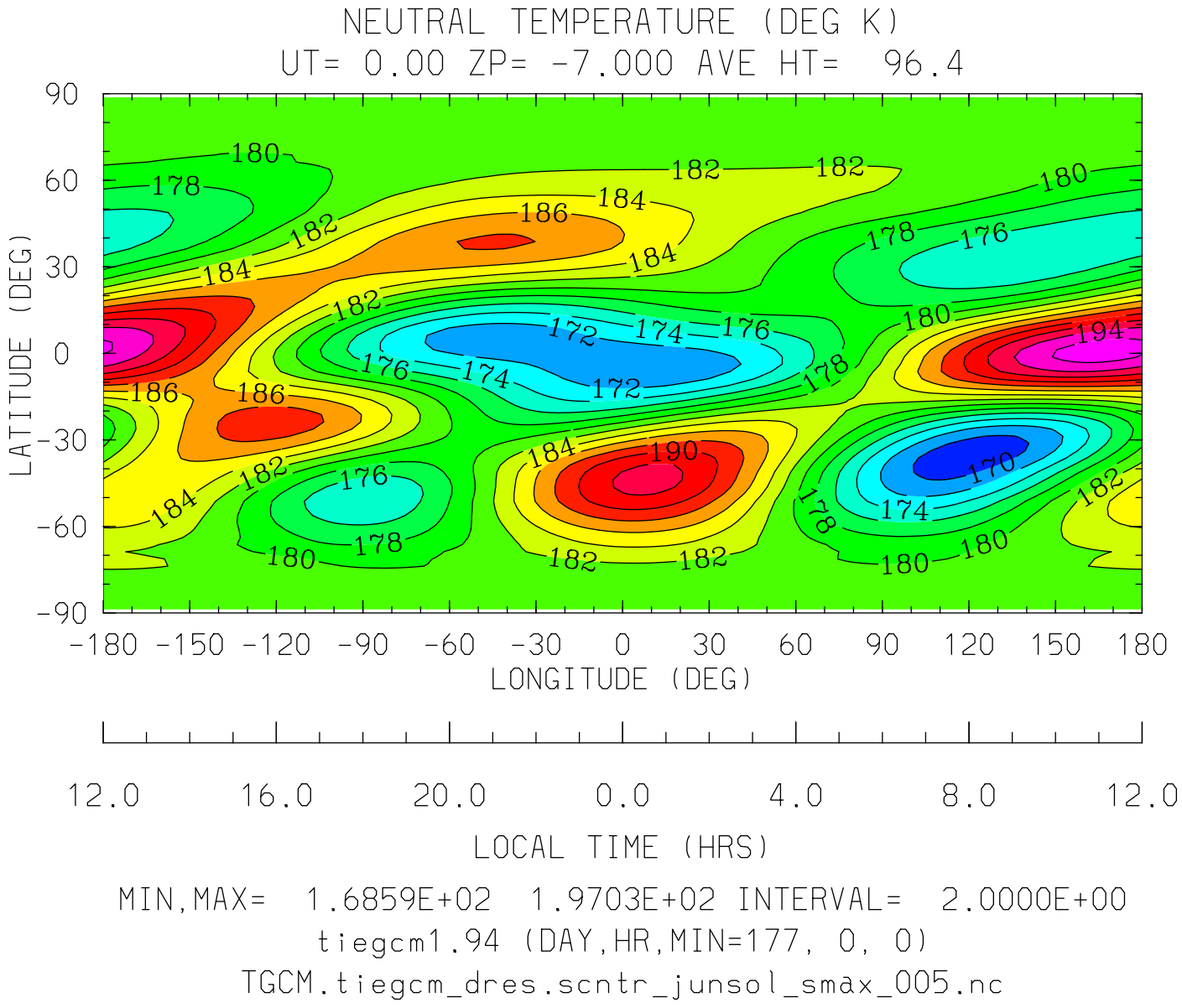
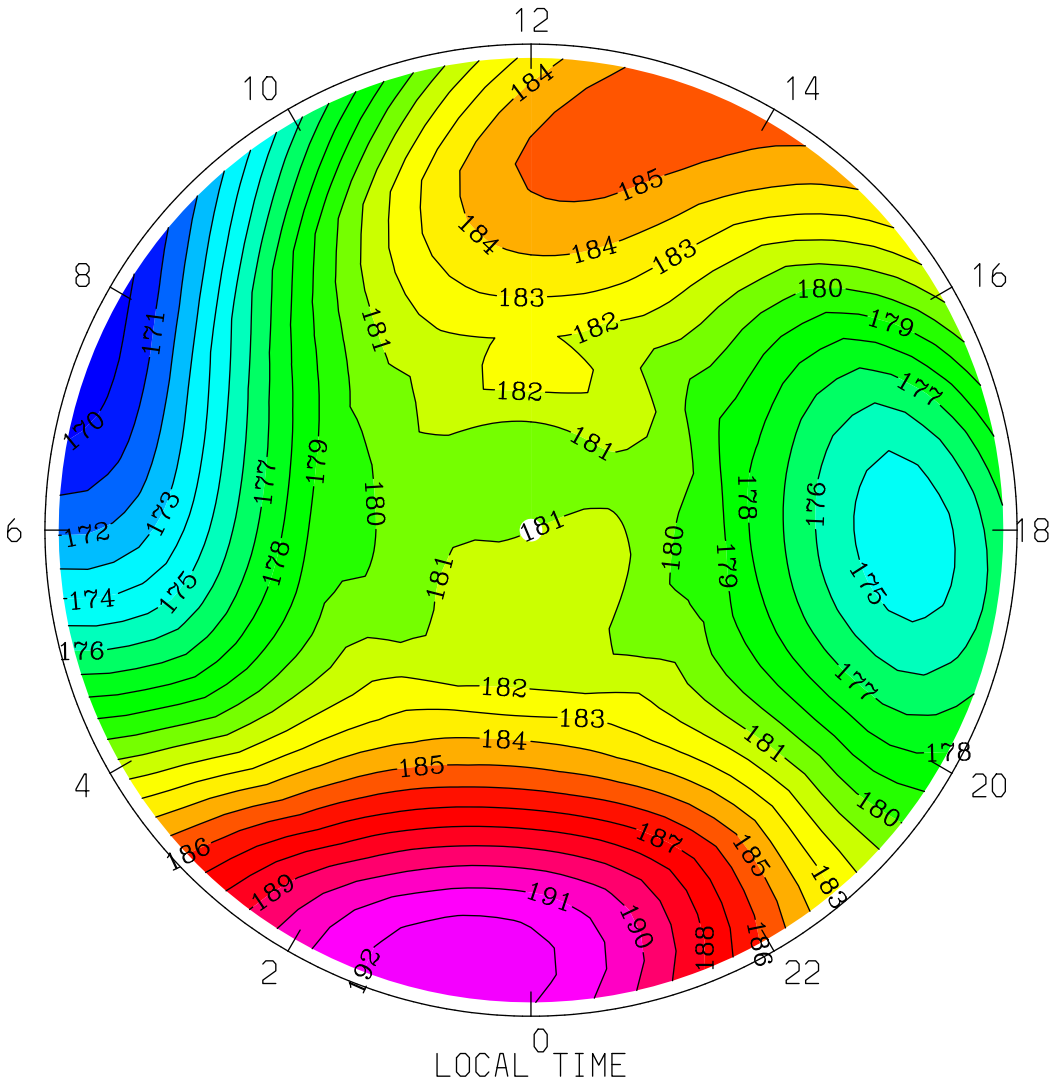
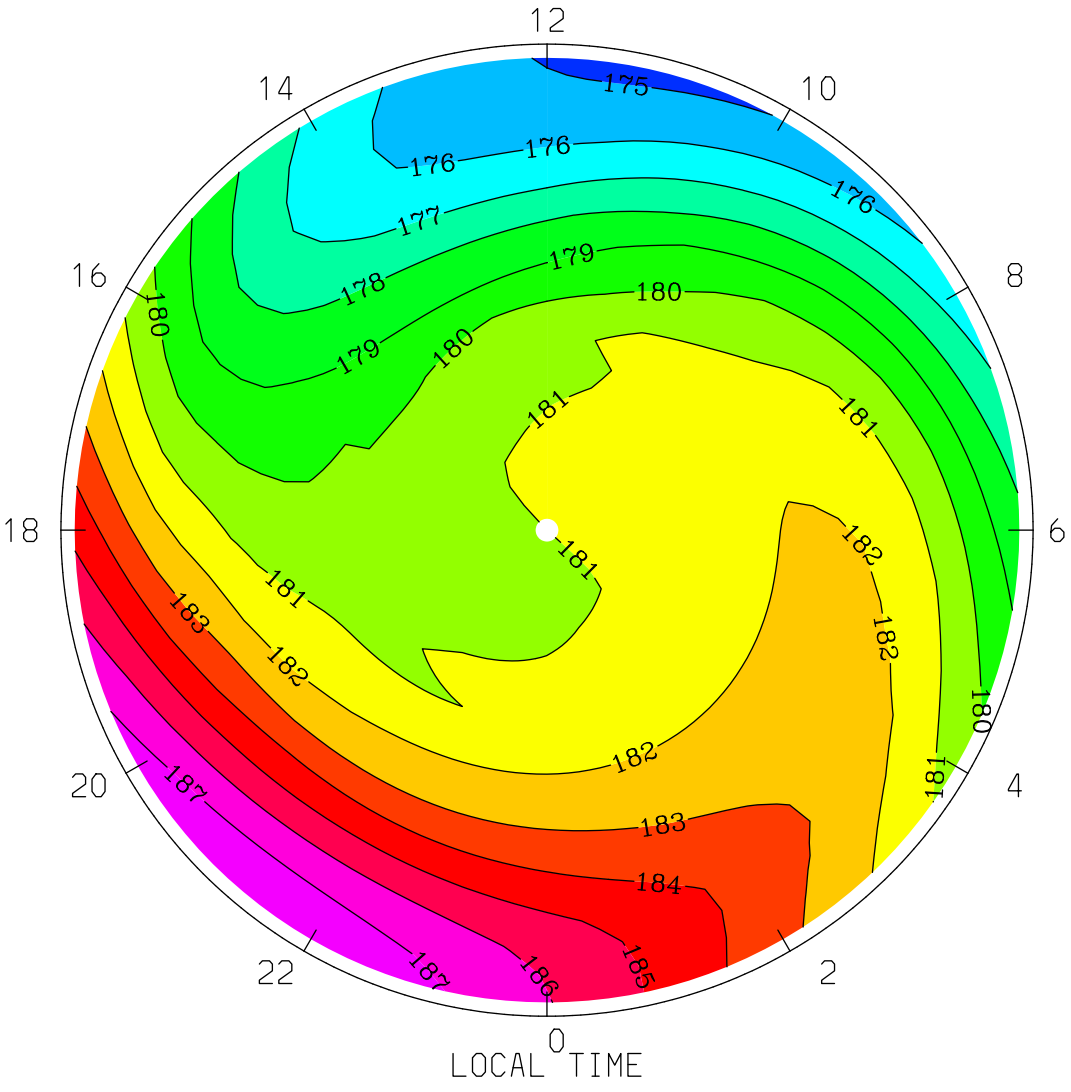

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.6859E+02 1.9703E+02 INTERVAL= 2.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

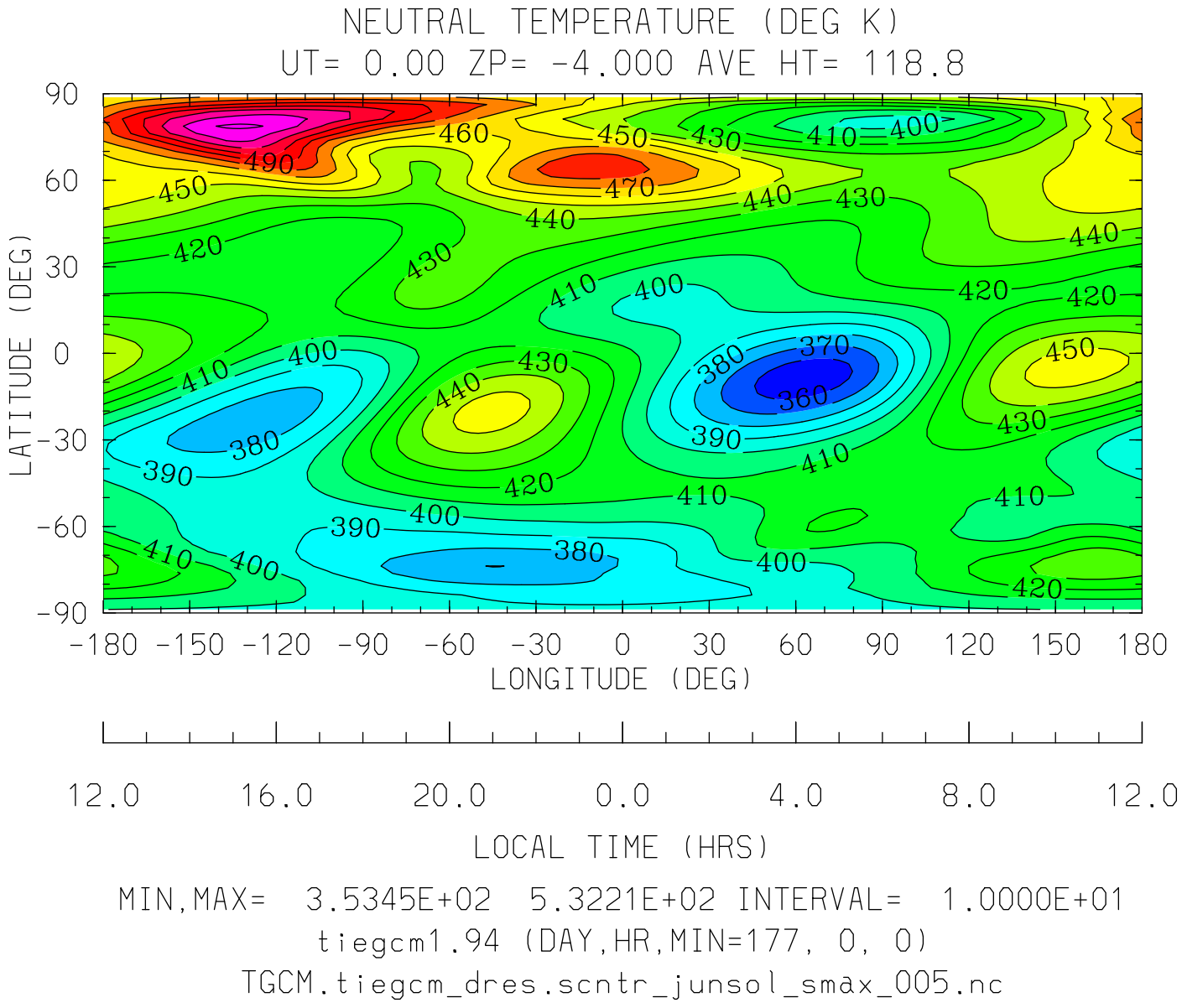

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 1.6937E+02 1.9276E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

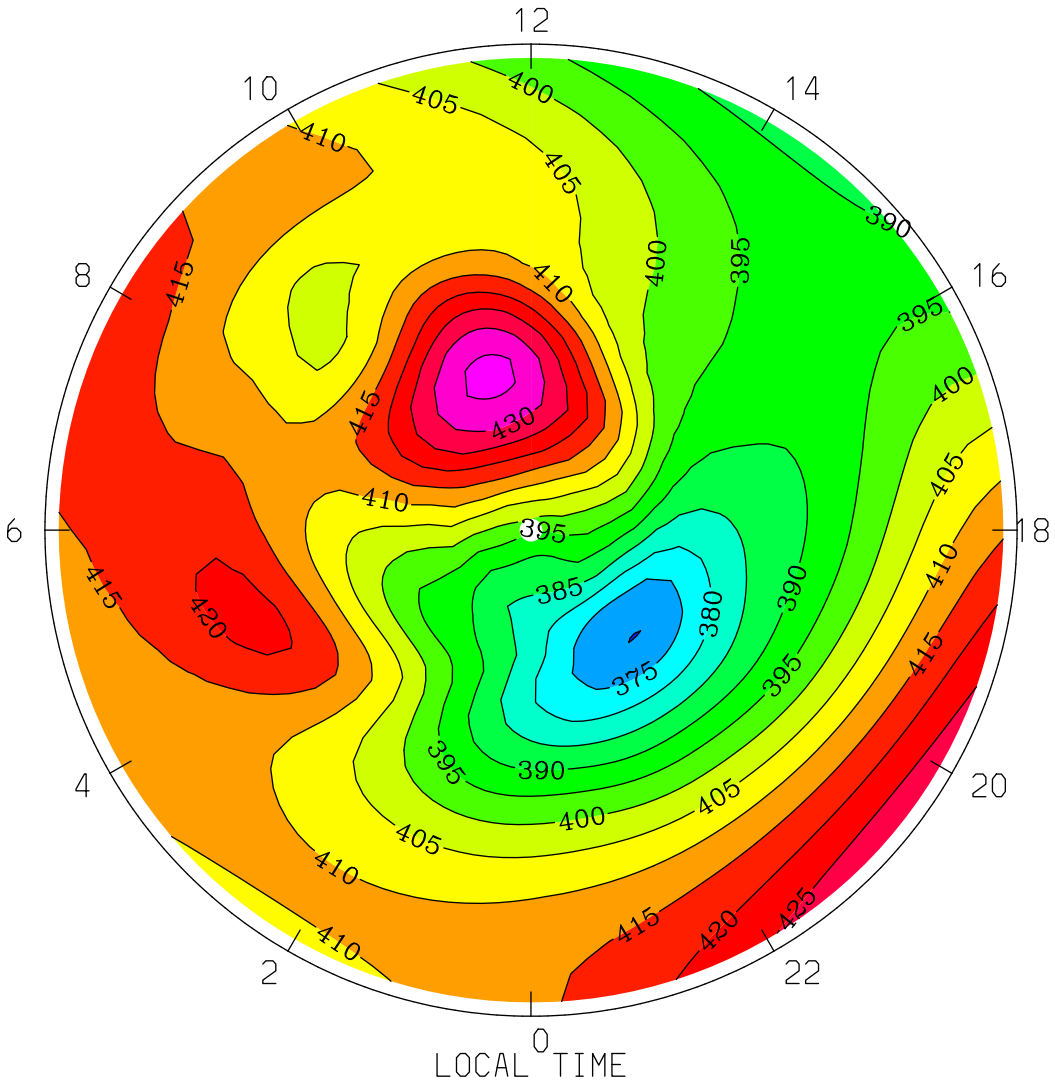


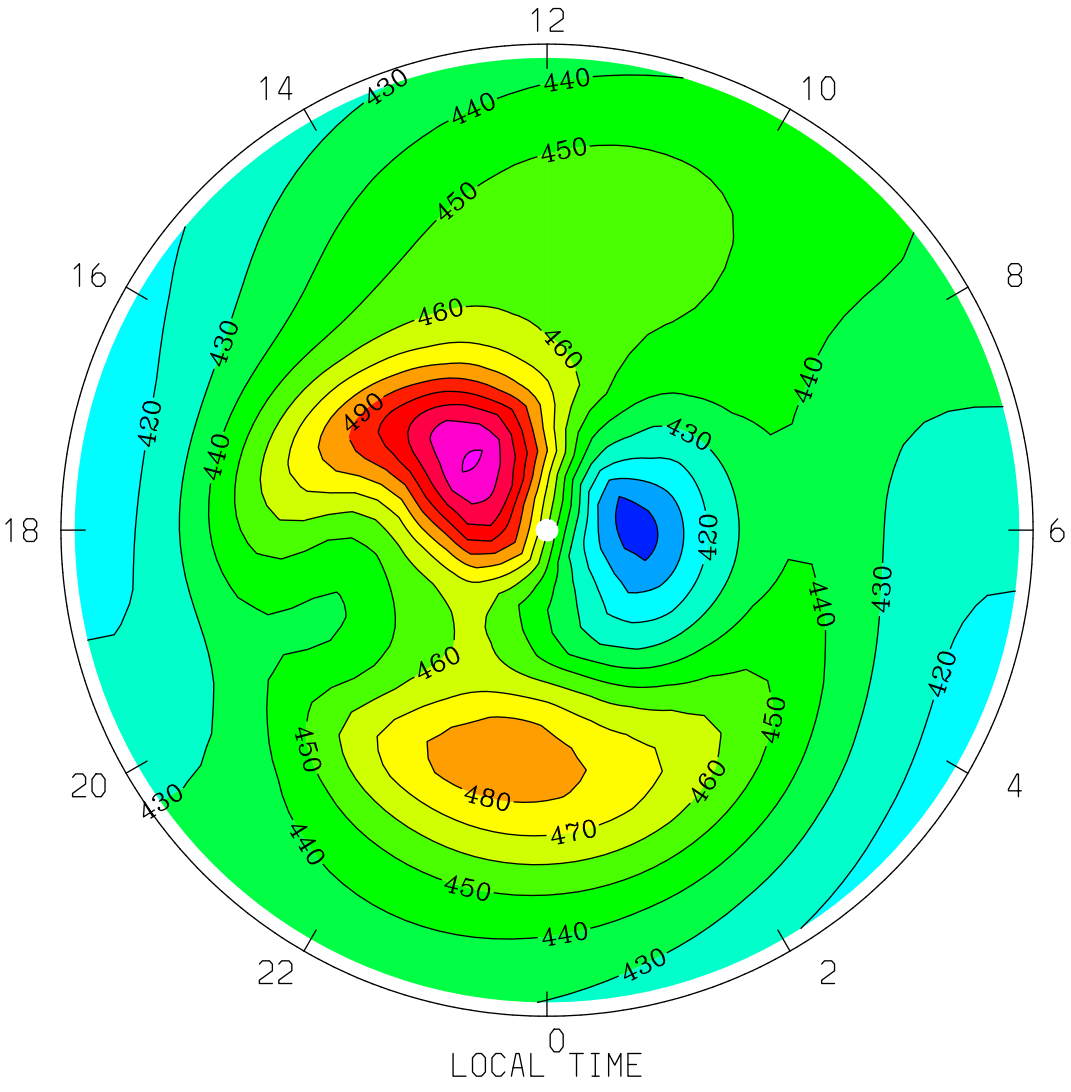
MIN,MAX= 1.7477E+02 1.8801E+02 INTERVAL= 1.0000E+00

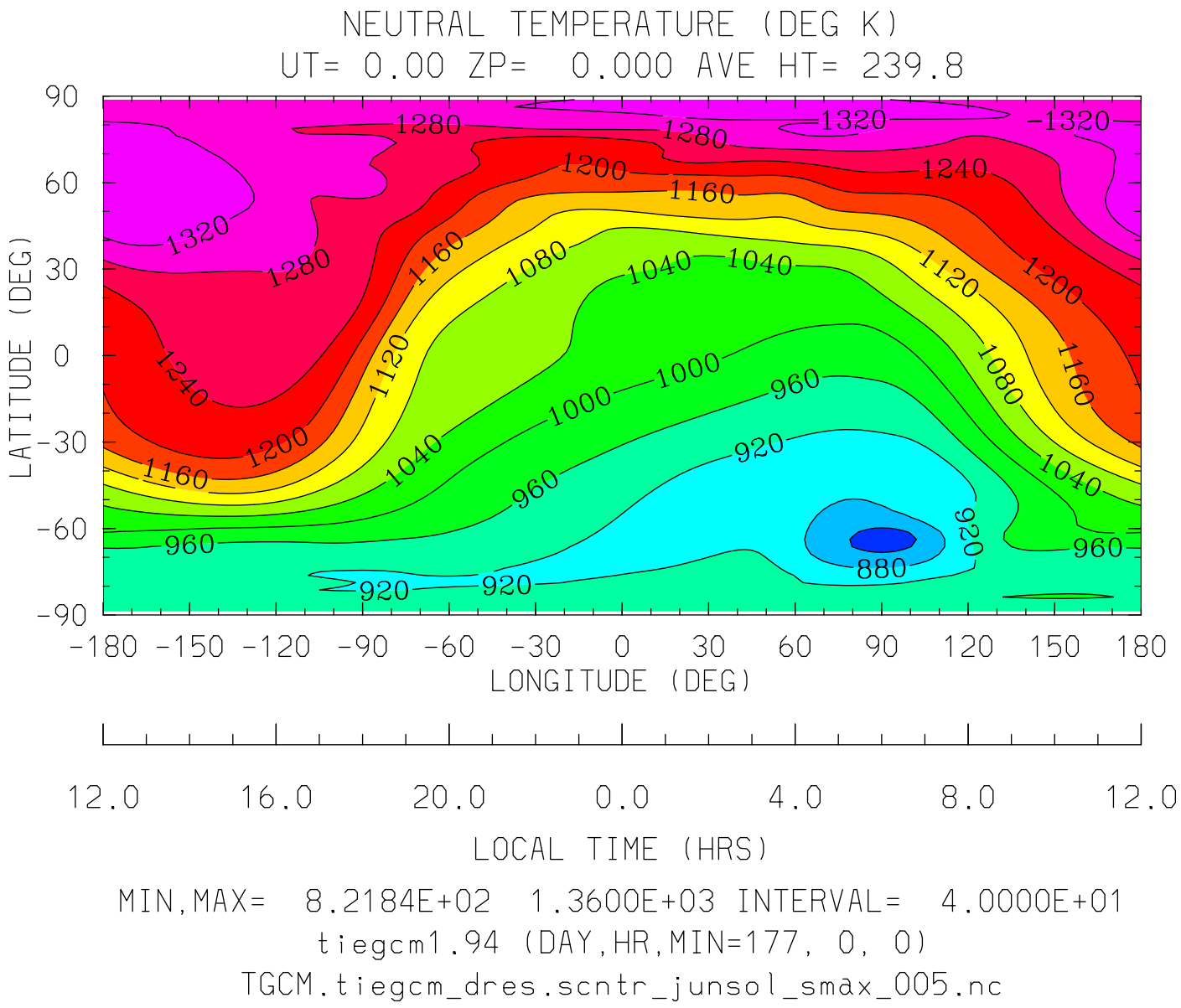
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

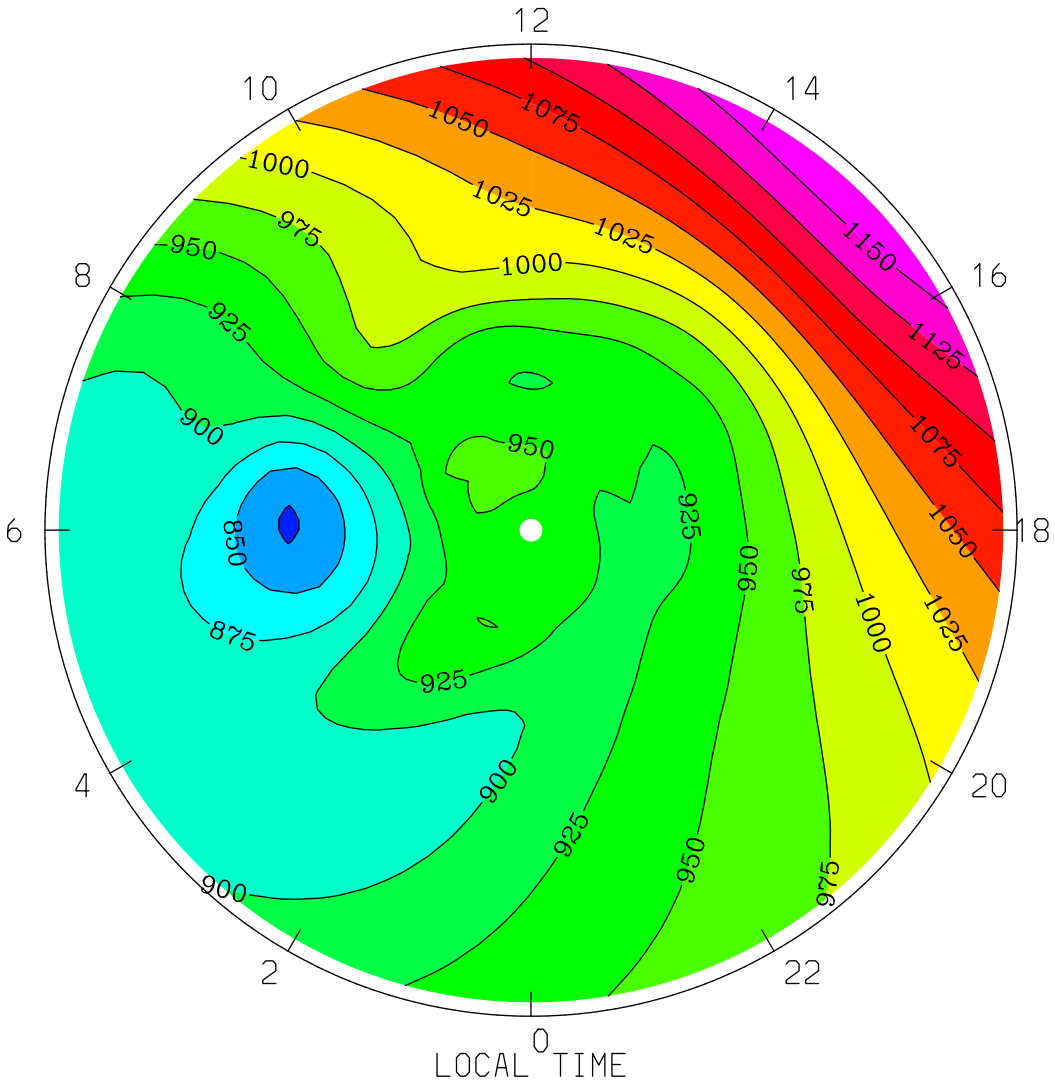
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.000 AVE HT= 118.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.5345E+02 5.3221E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 3.6991E+02 4.3650E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 3.9549E+02 5.3221E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

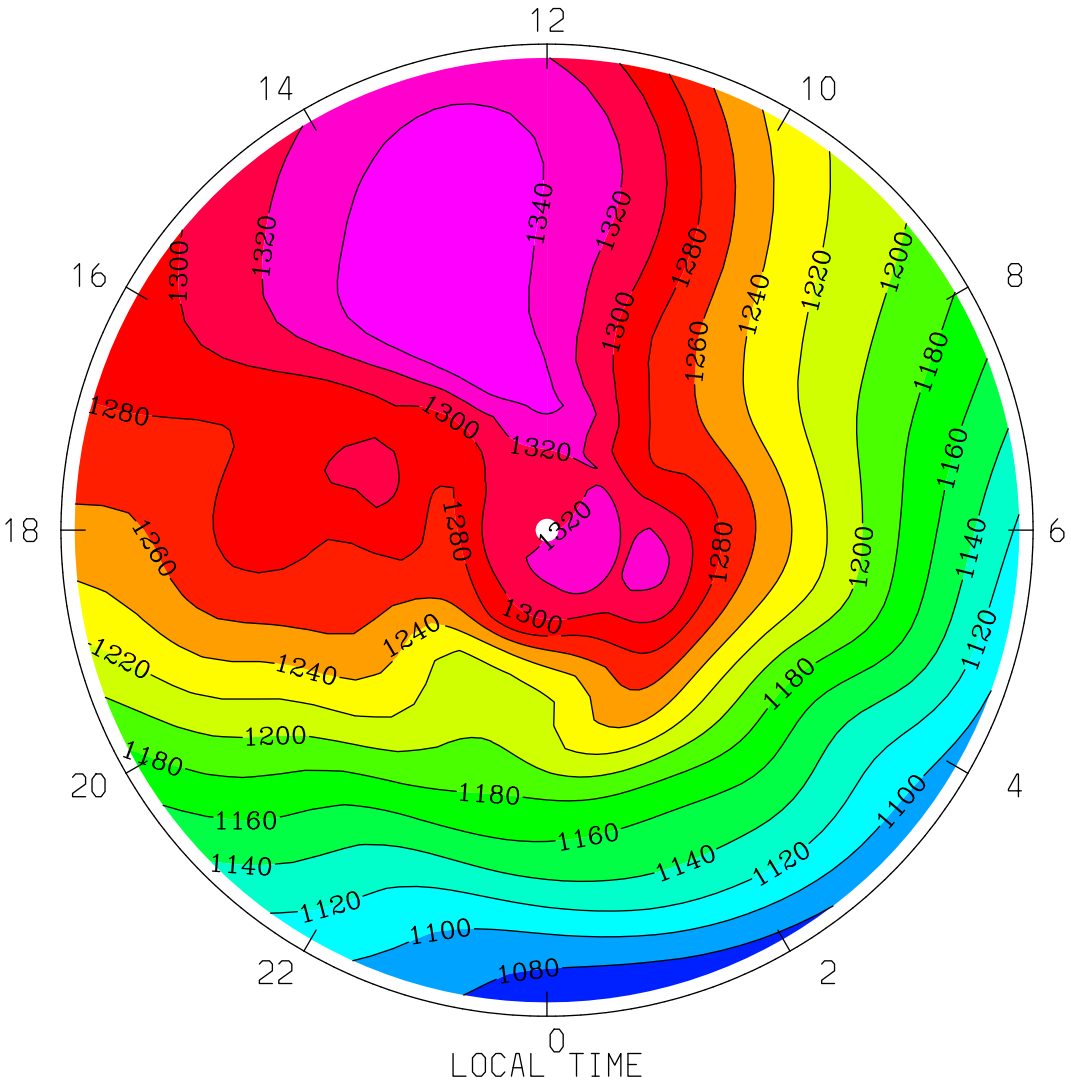

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 0.000 AVE HT= 239.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 8.2184E+02 1.3600E+03 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 8.2184E+02 1.1719E+03 INTERVAL= 2.5000E+01

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

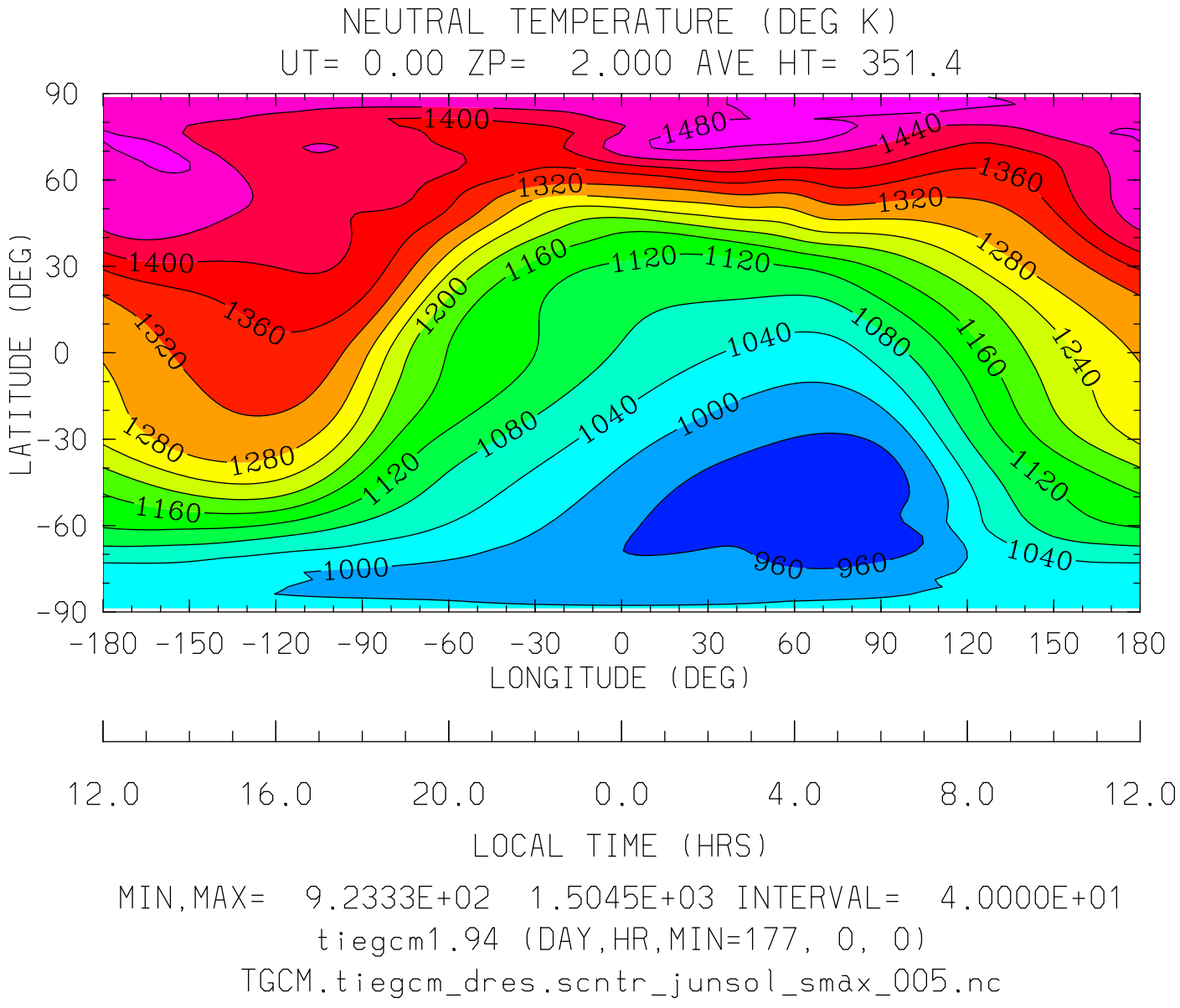
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.0637E+03 1.3600E+03 INTERVAL= 2.0000E+01

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

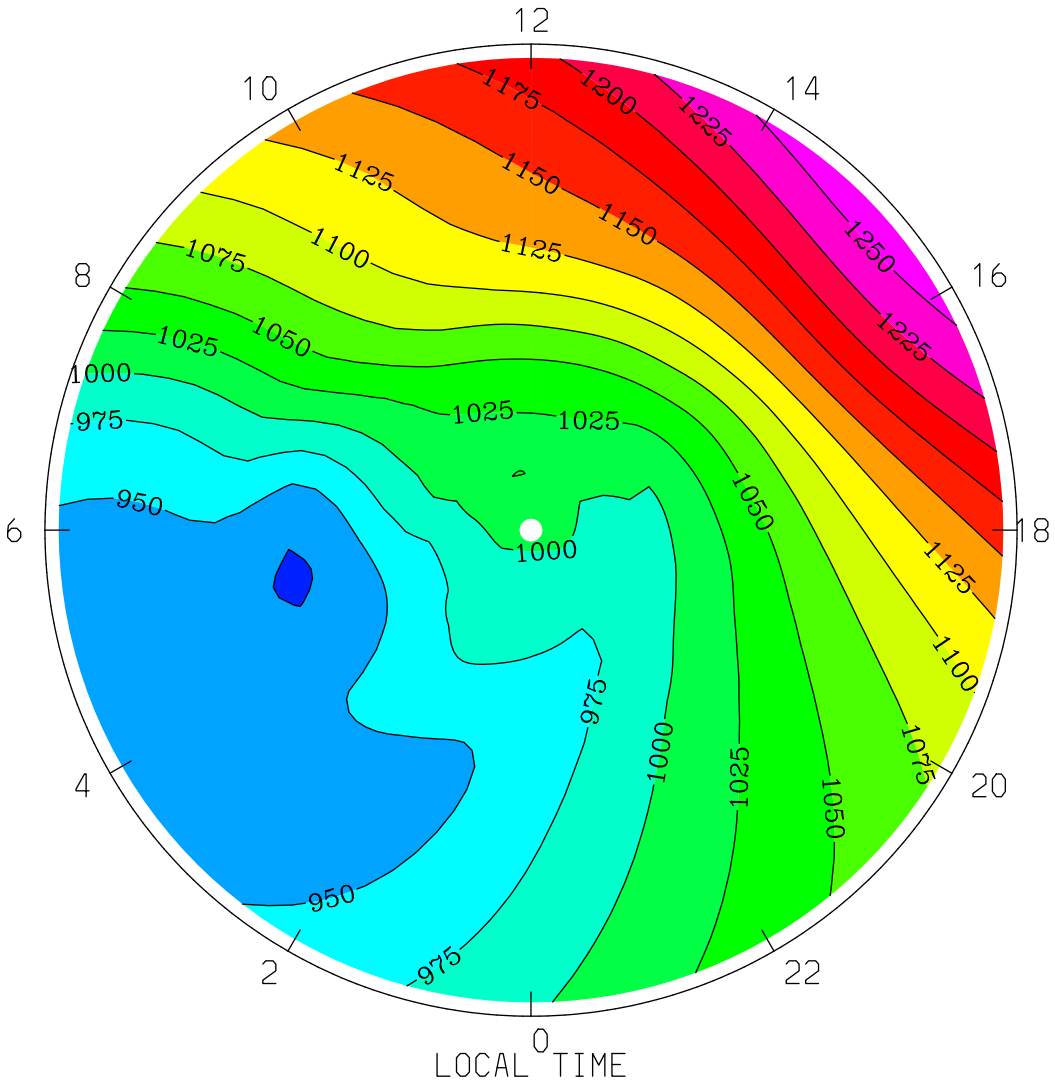
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

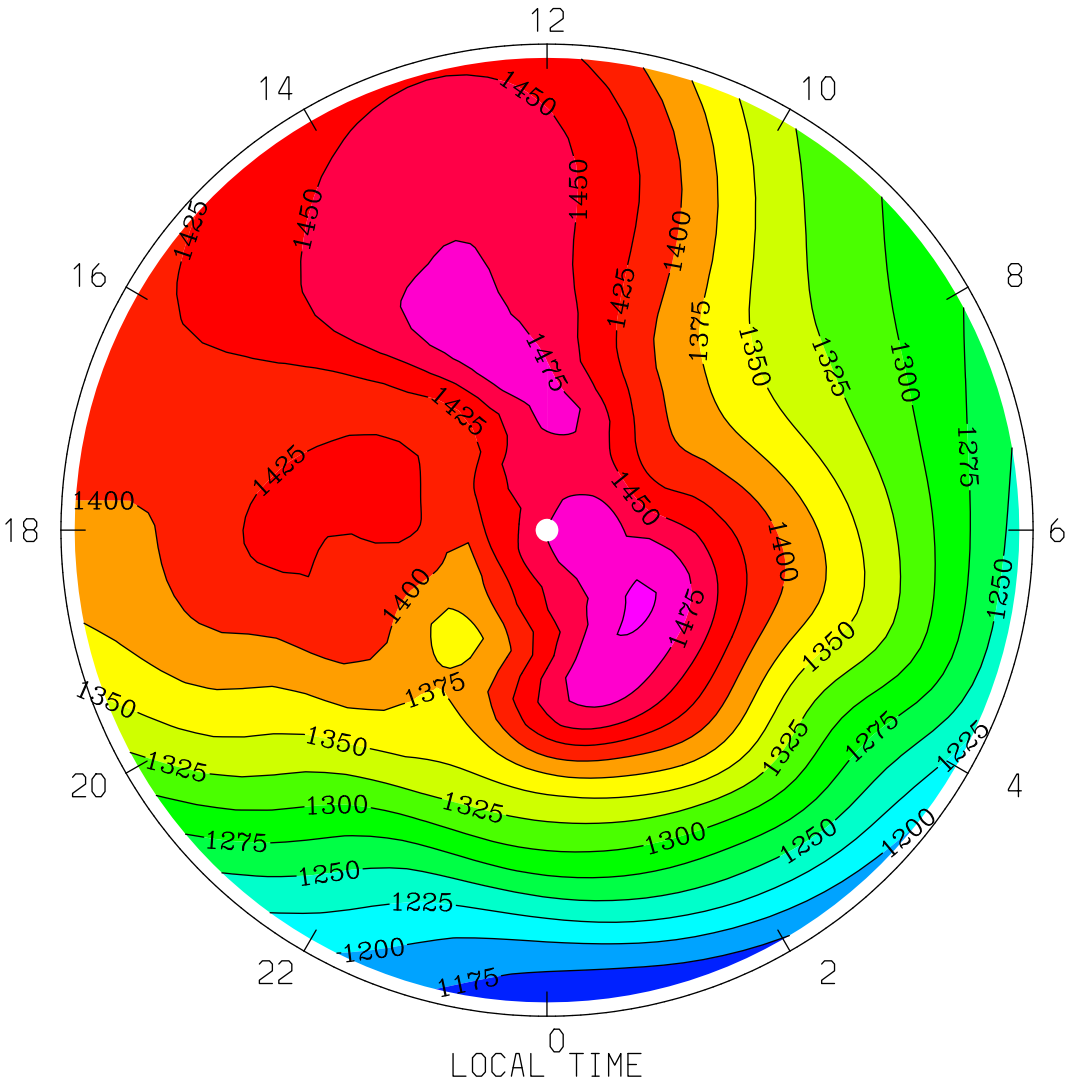


MIN,MAX= 9.2333E+02 1.5045E+03 INTERVAL= 4.0000E+01

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

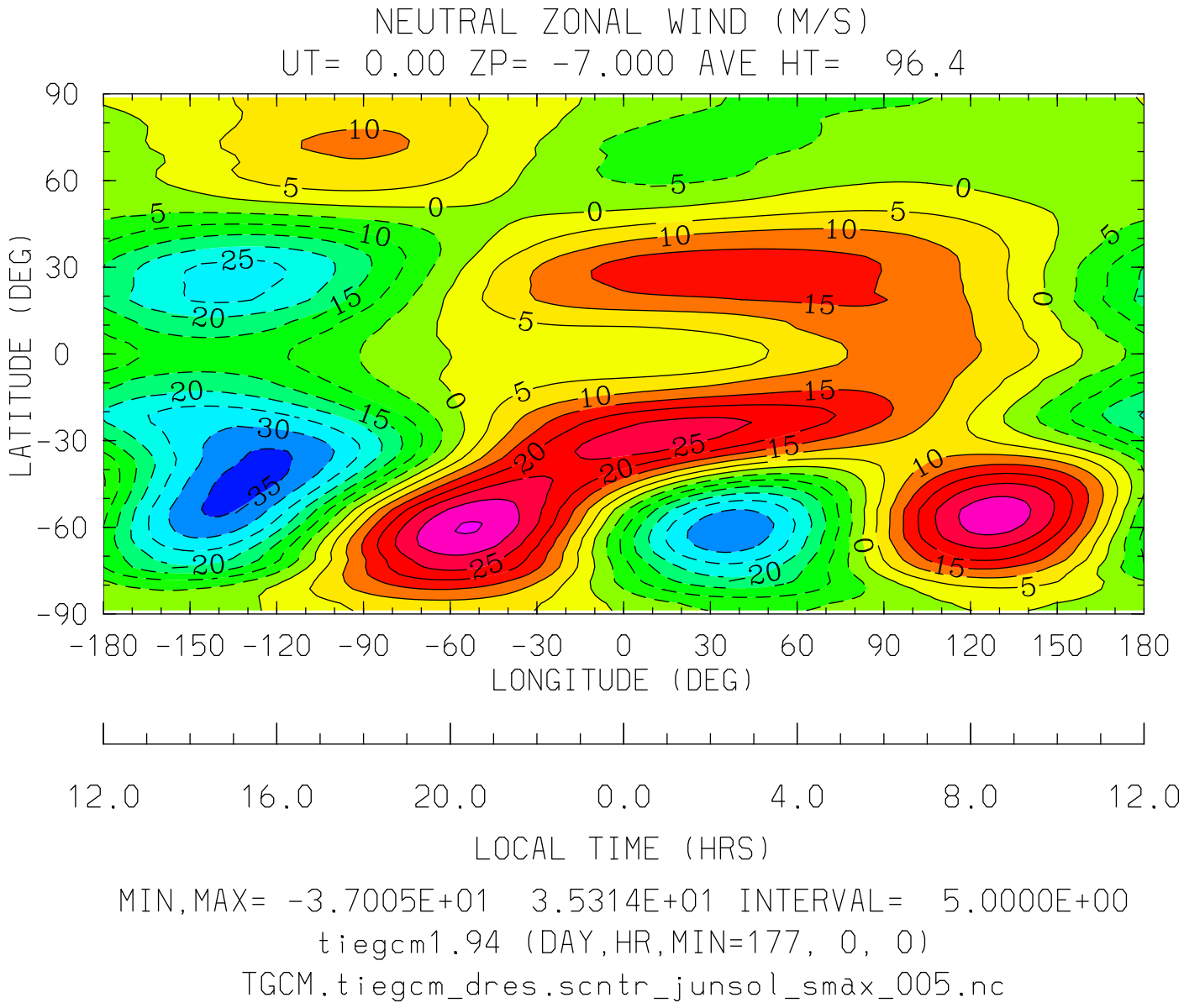

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
1175
1200
1225
1150
1125
1250
1100
1075
1050
1025
1000
975
950
LOCAL TIME
MIN,MAX= 9.2333E+02 1.2658E+03 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.1536E+03 1.5045E+03 INTERVAL= 2.5000E+01

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

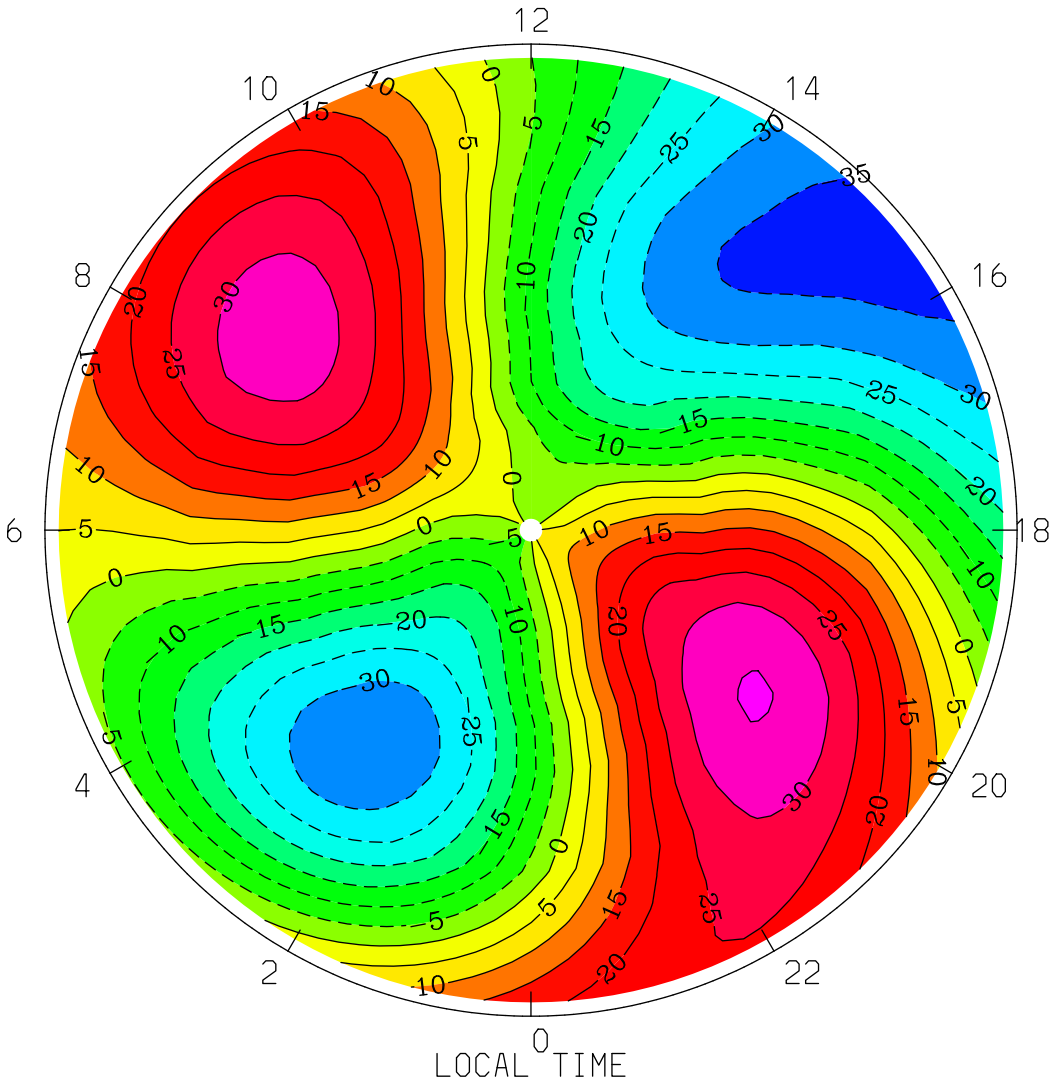
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= -3.7005E+01 3.5314E+01 INTERVAL= 5.0000E+00

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

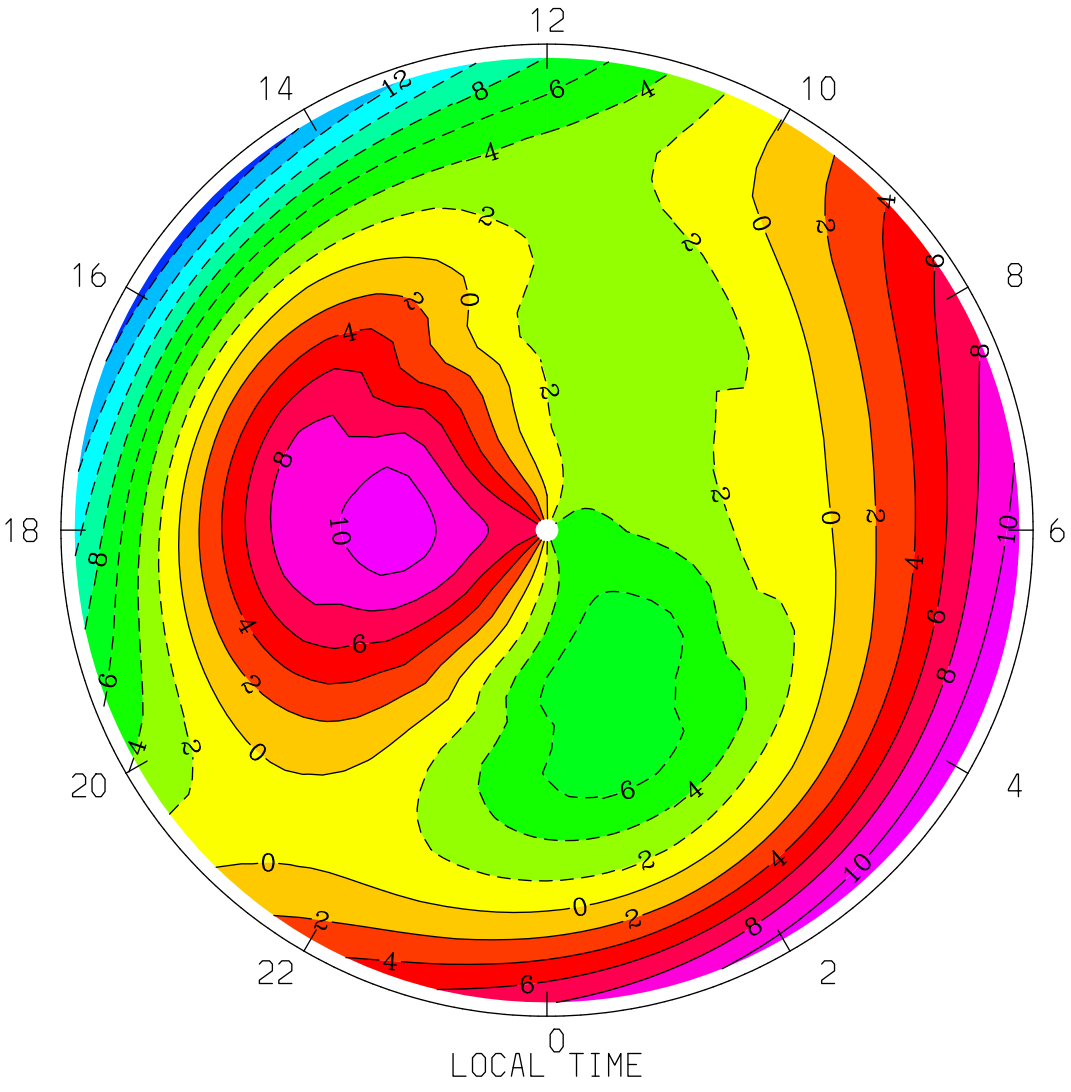
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

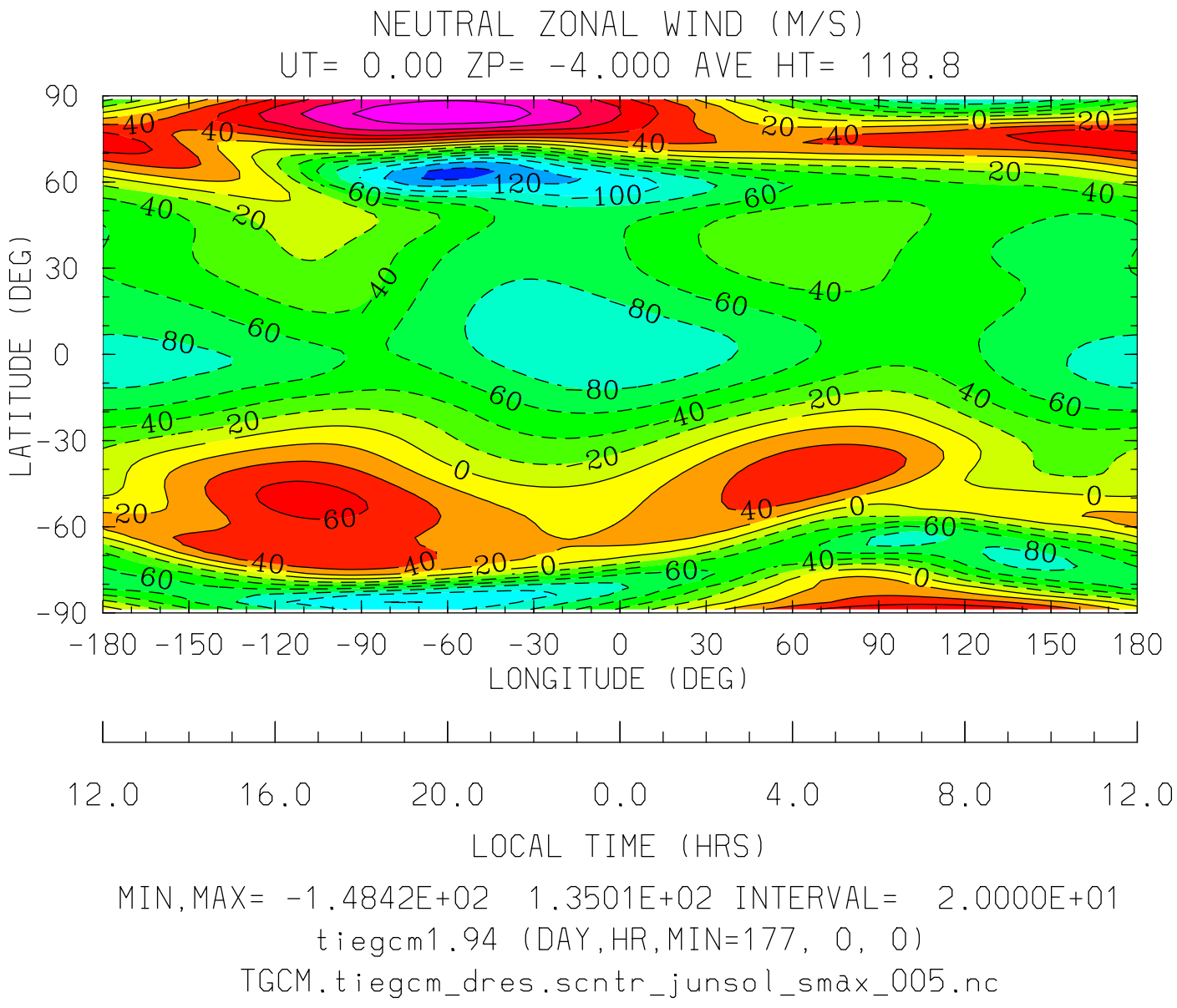


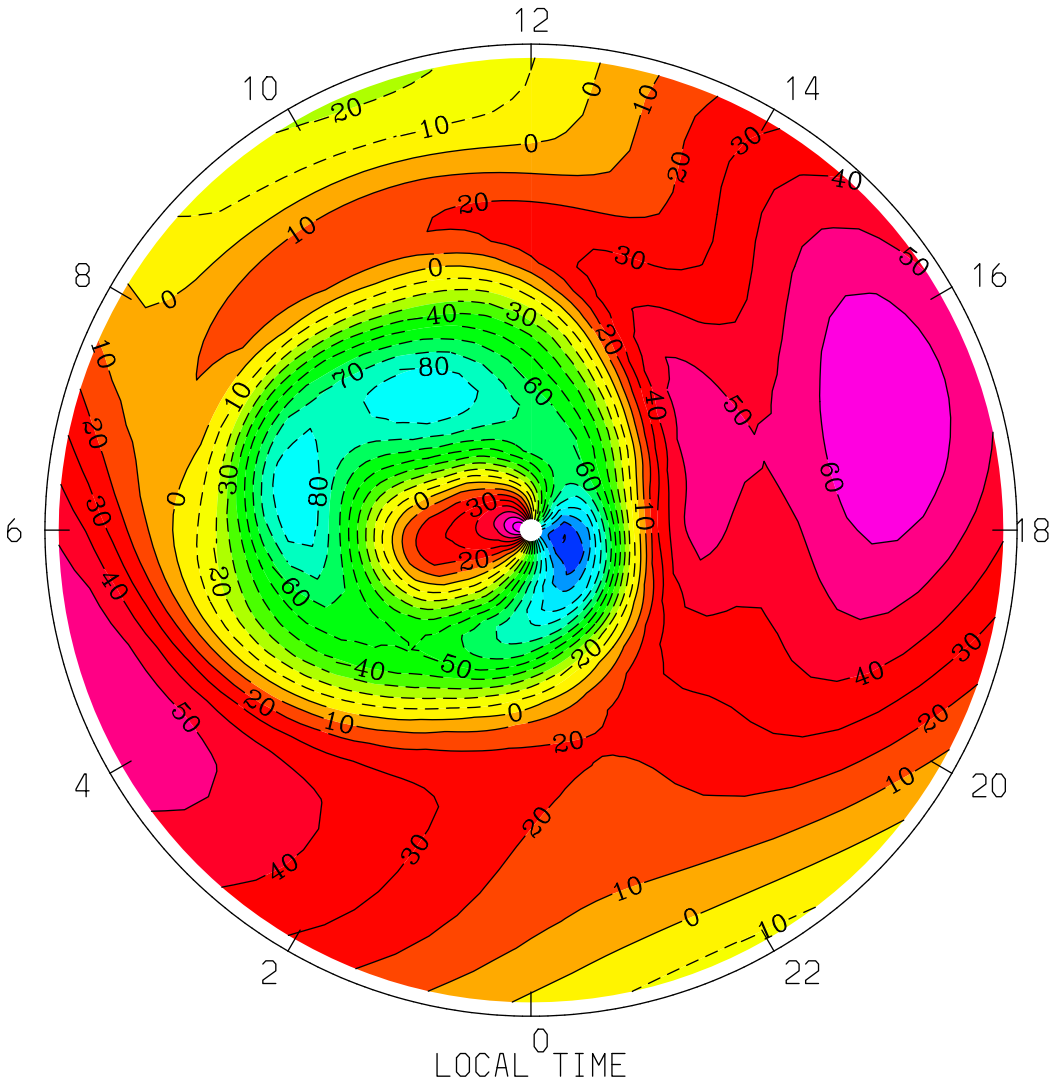
MIN,MAX= -3.7005E+01 3.5314E+01 INTERVAL= 5.0000E+00

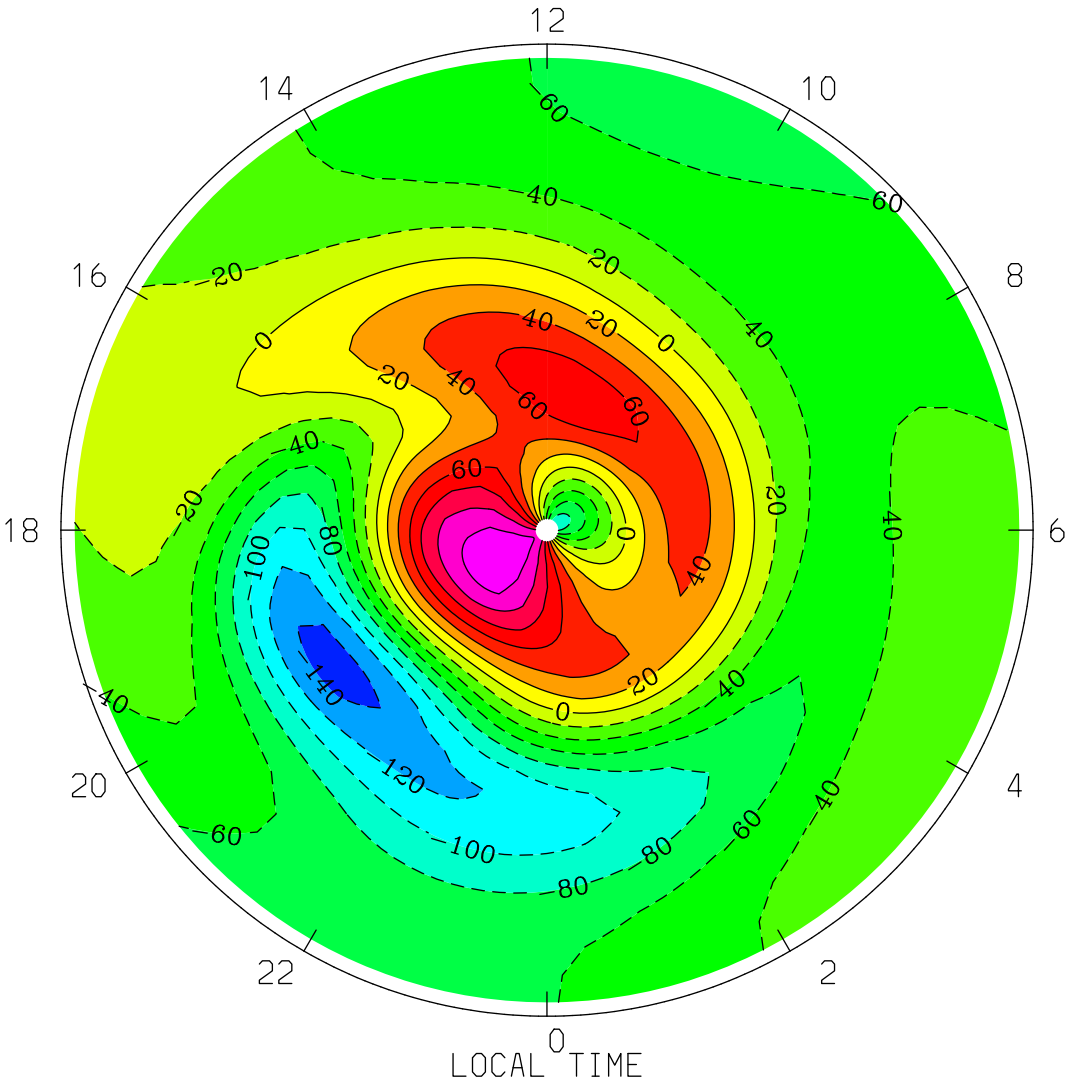
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

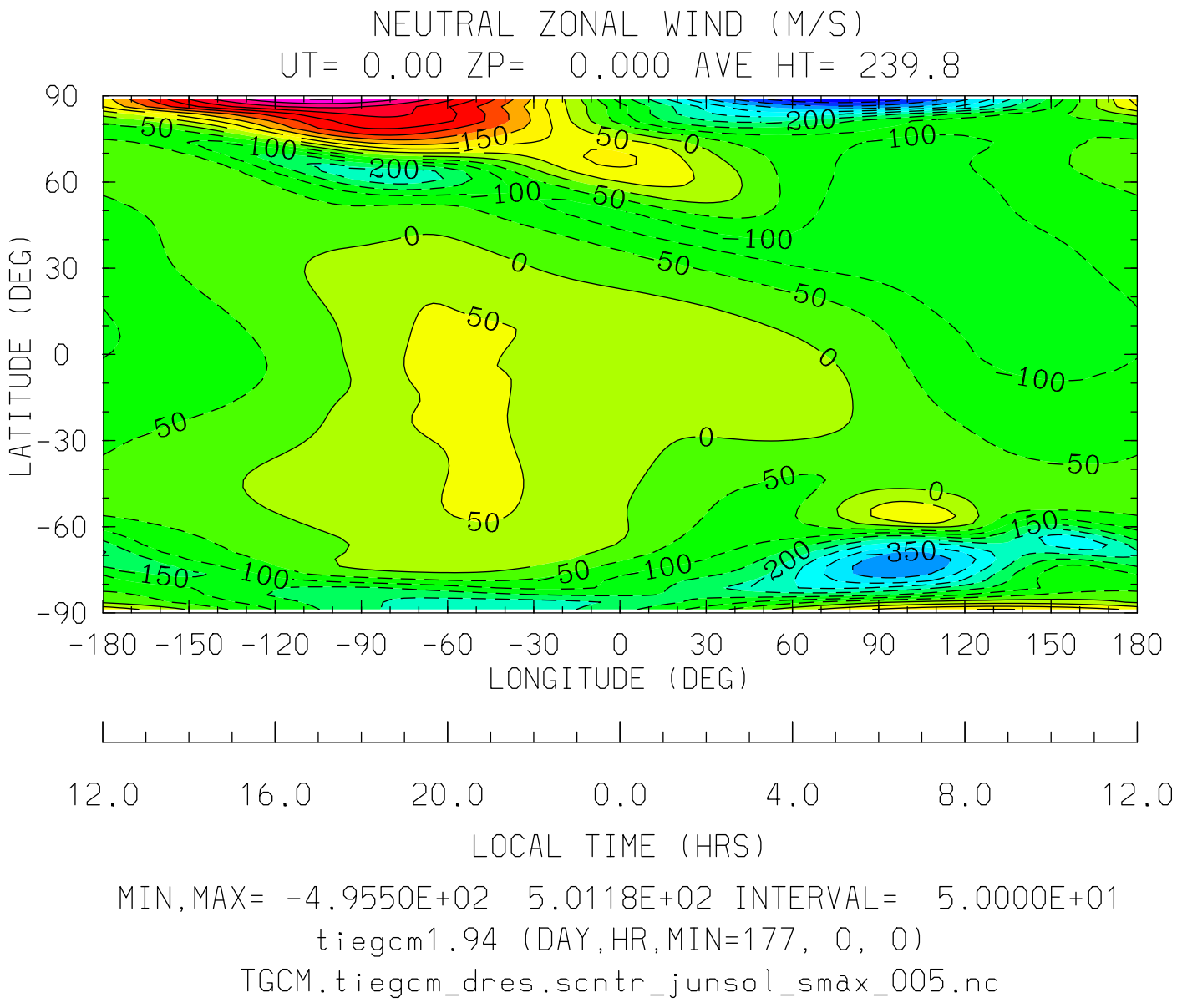
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

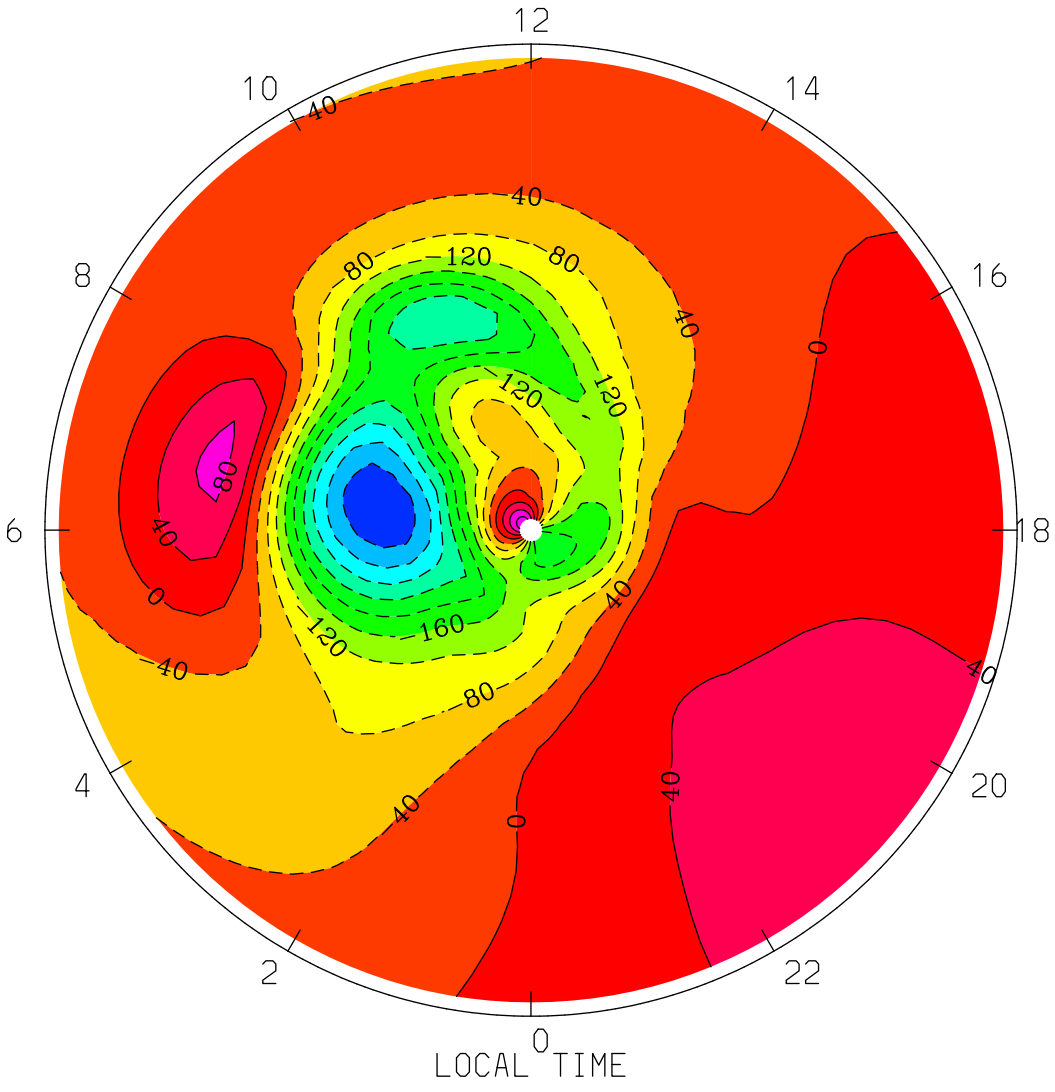

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -1.5066E+01 1.1631E+01 INTERVAL= 2.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

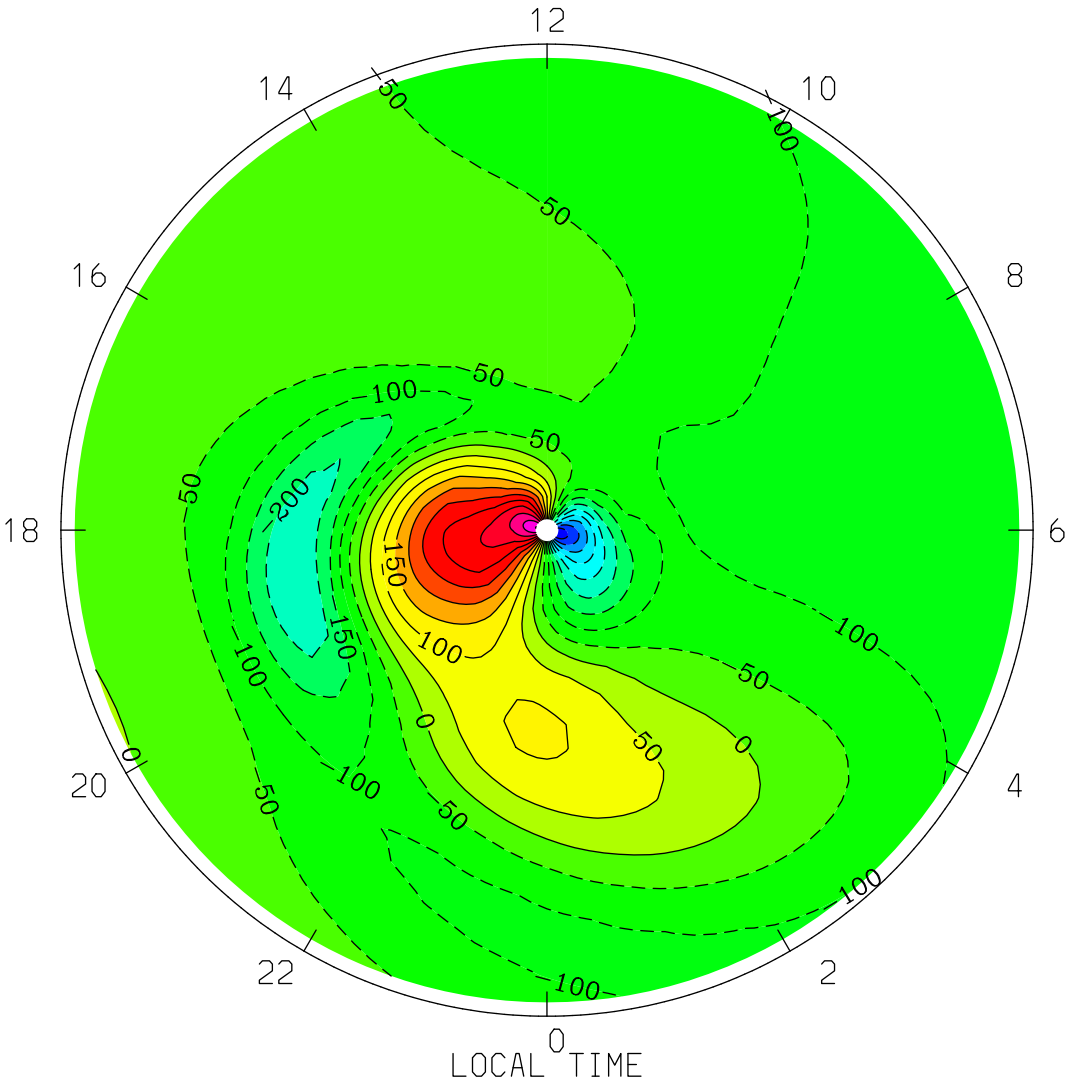

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 118.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.4842E+02 1.3501E+02 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

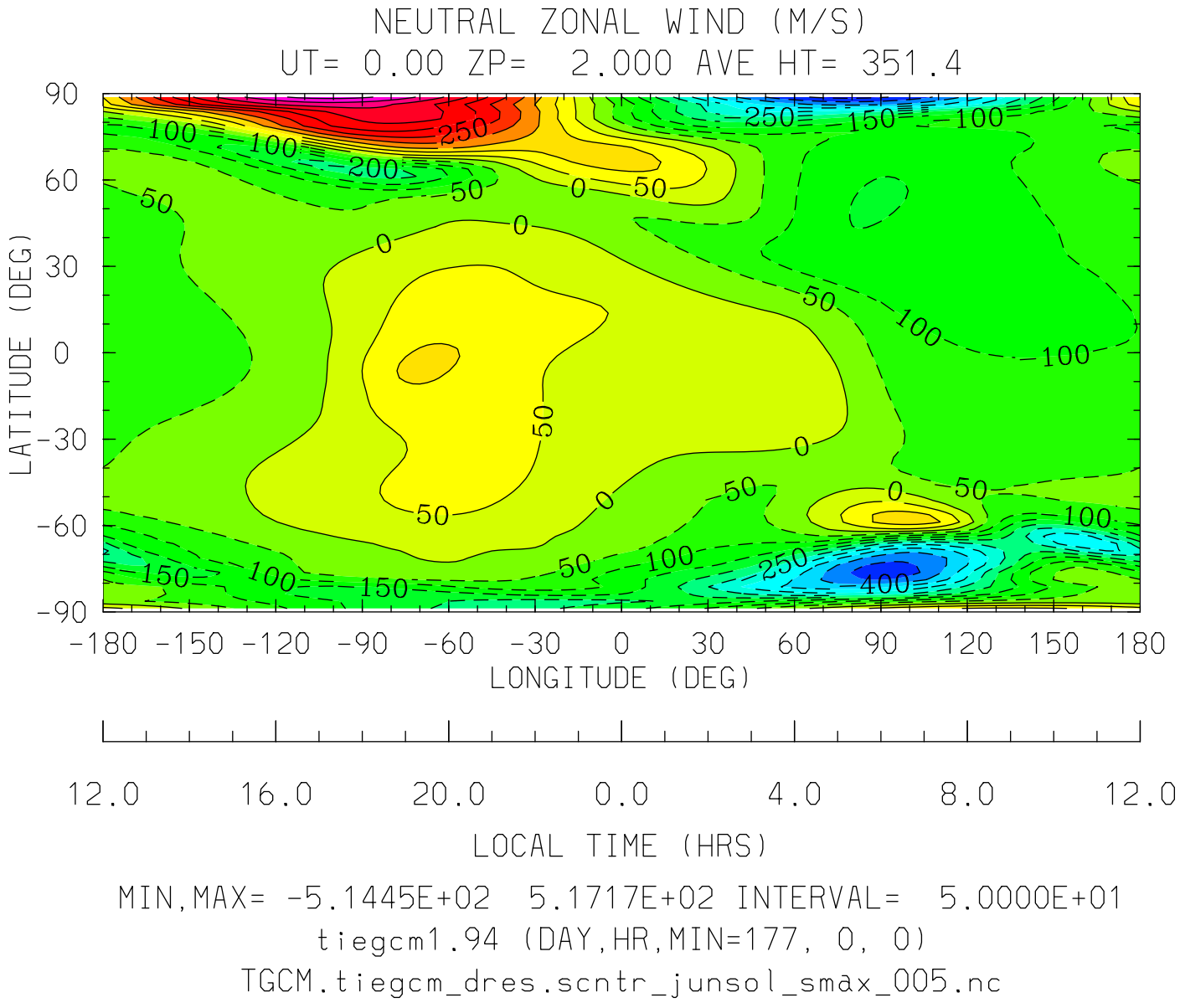

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -1.2061E+02 7.8243E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -1.4842E+02 1.3501E+02 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 239.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.9550E+02 5.0118E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -3.9382E+02 1.5124E+02 INTERVAL= 4.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

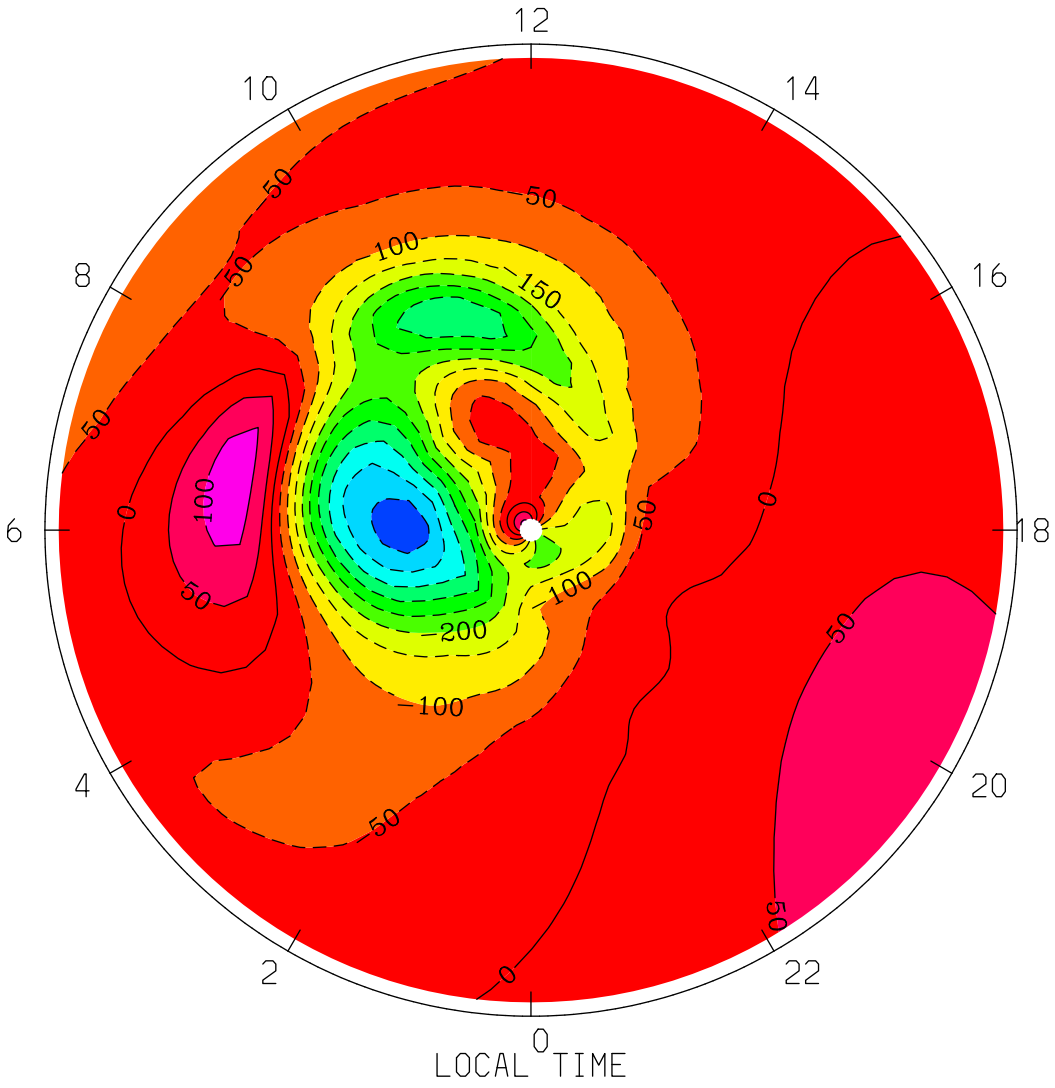

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -4.9550E+02 5.0118E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

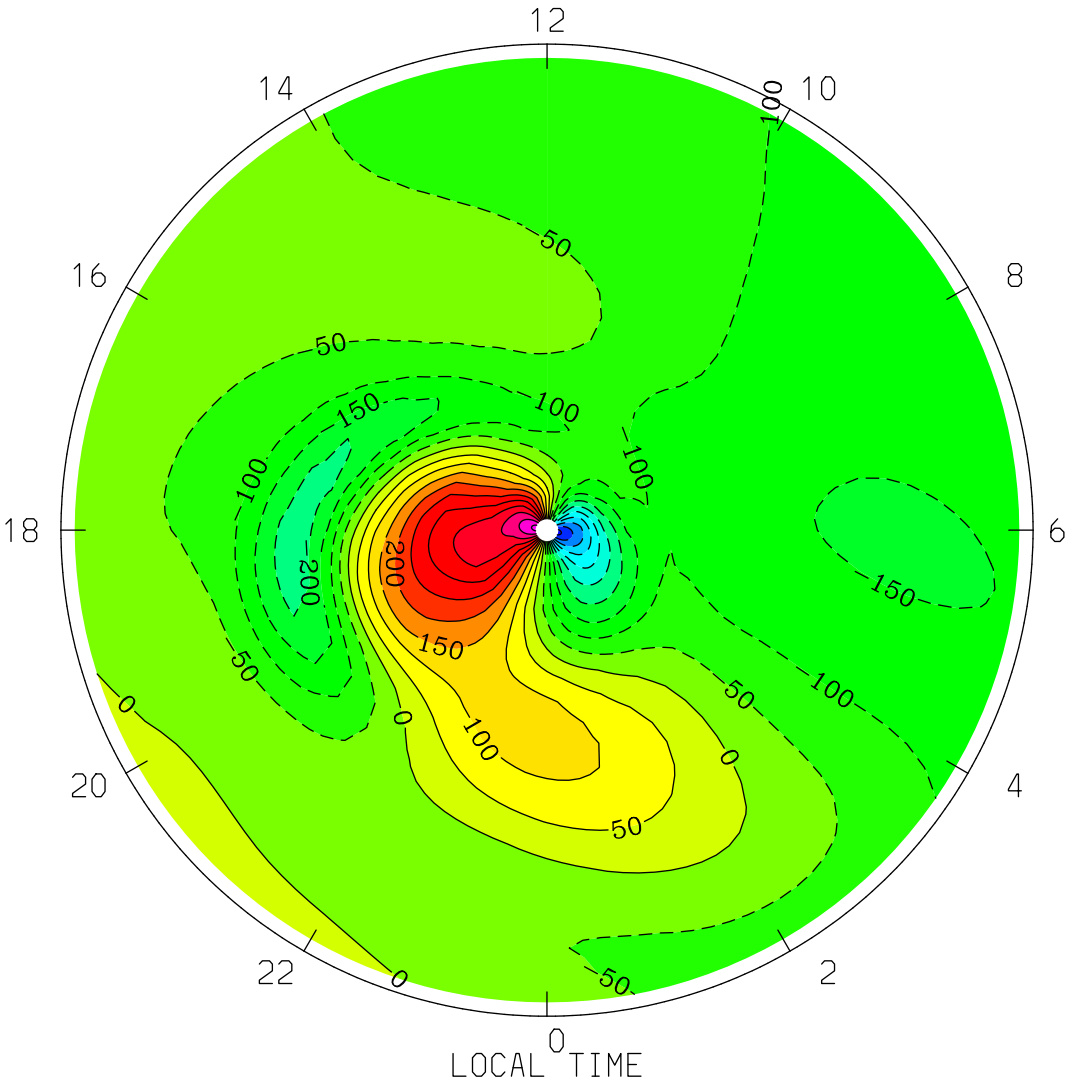


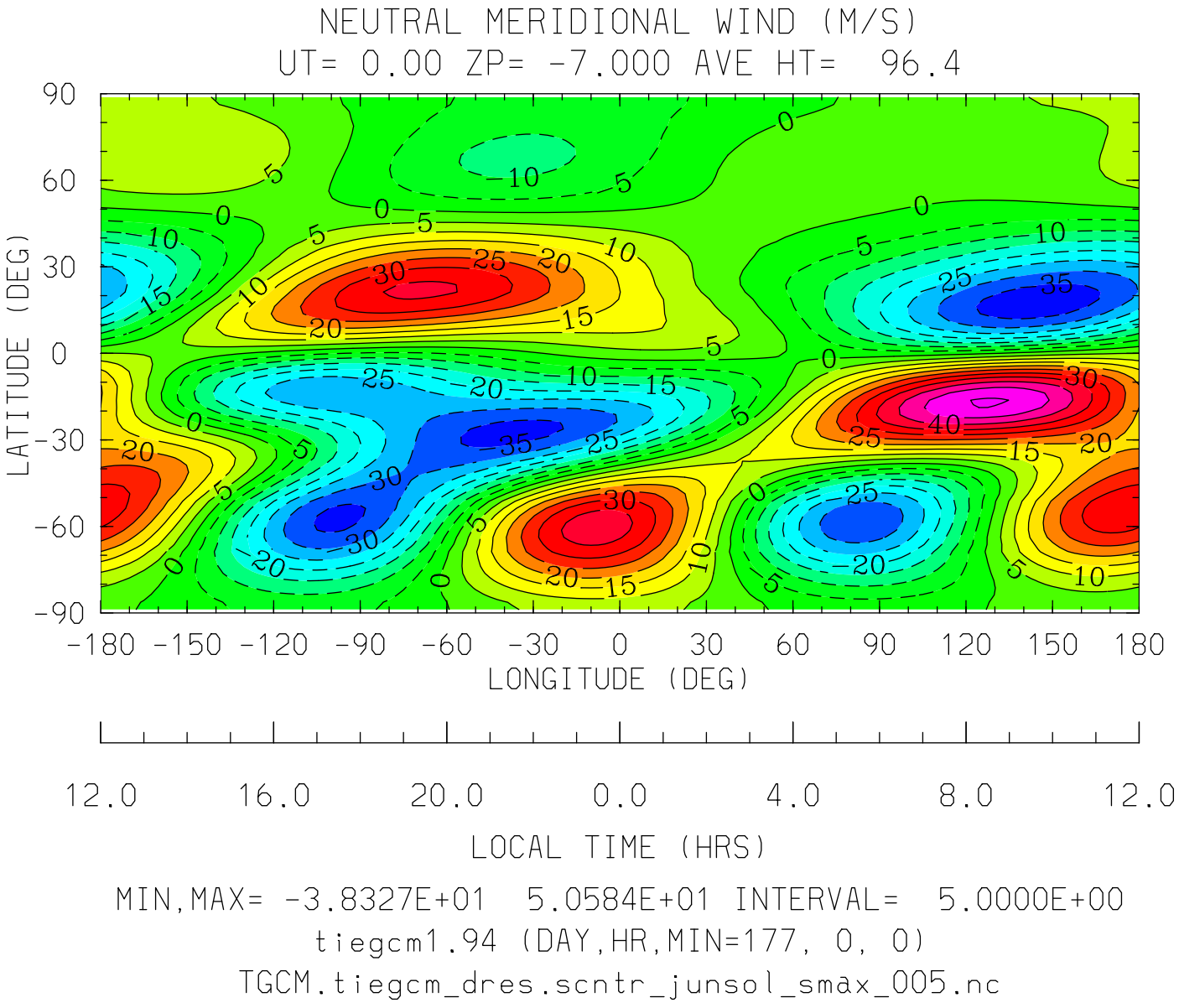
MIN,MAX= -5.1445E+02 5.1717E+02 INTERVAL= 5.0000E+01

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
50
100
150
0
200
-100
MIN,MAX= -4.8169E+02 1.2997E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

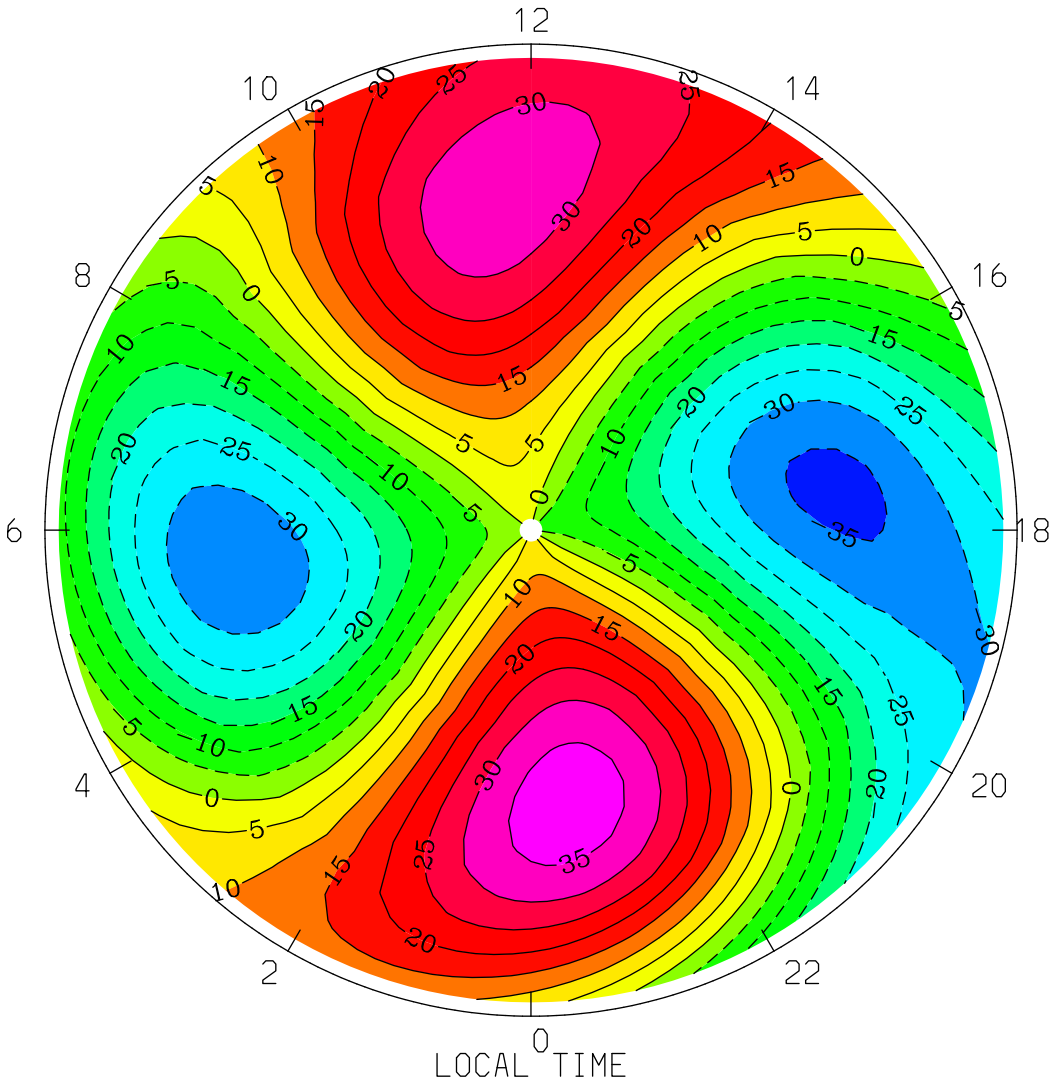

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -5.1445E+02 5.1717E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

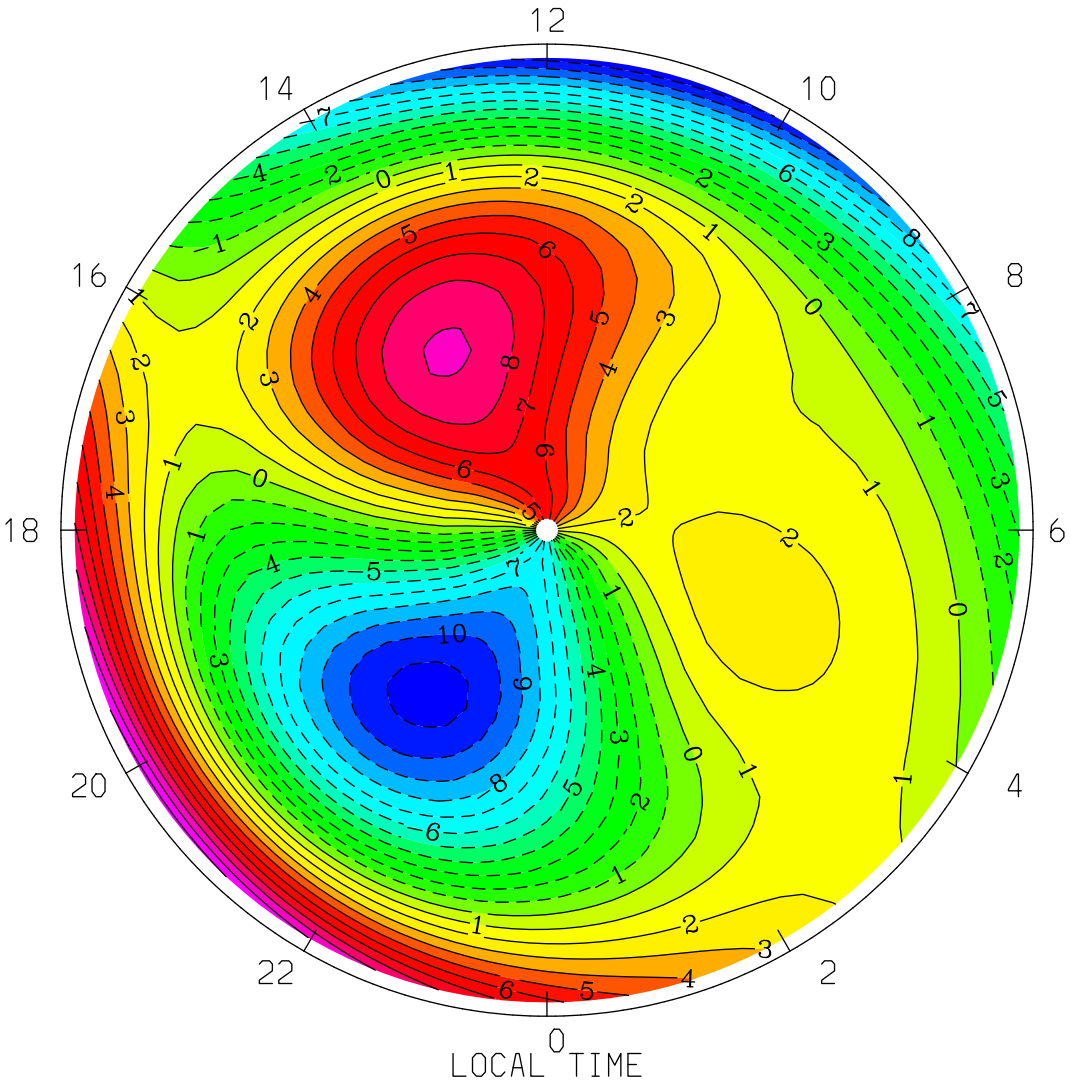


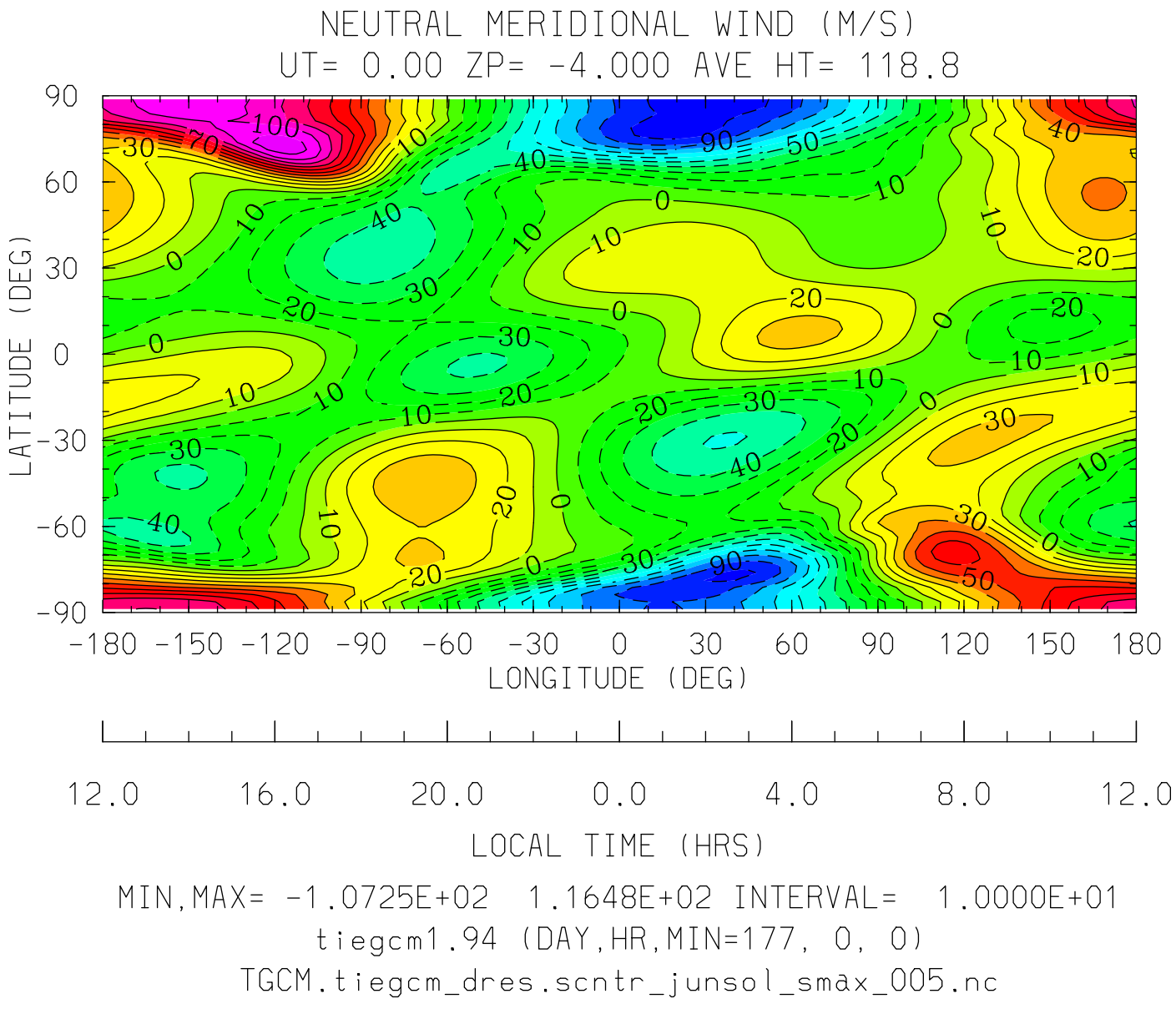
MIN,MAX= -3.8327E+01 5.0584E+01 INTERVAL= 5.0000E+00

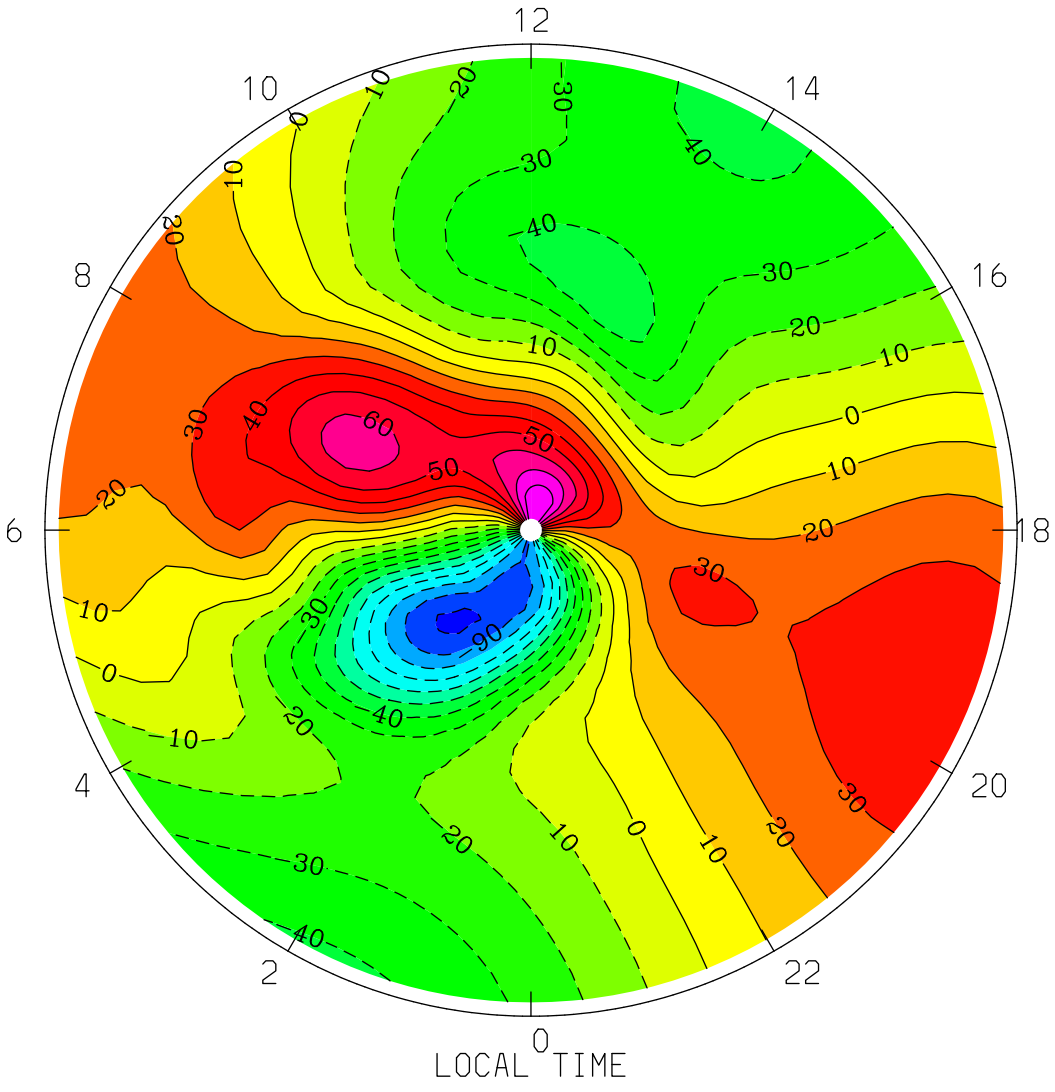
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

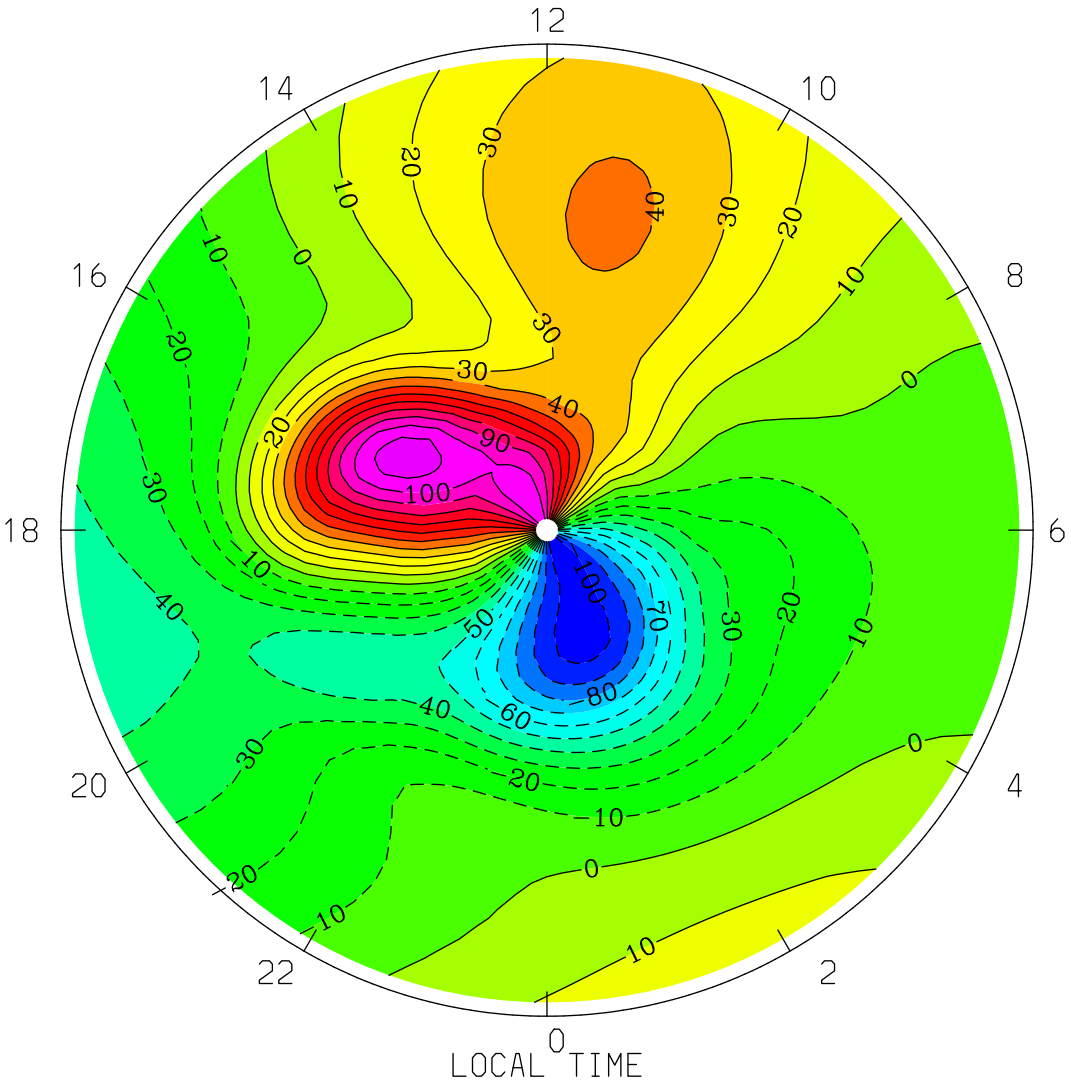
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

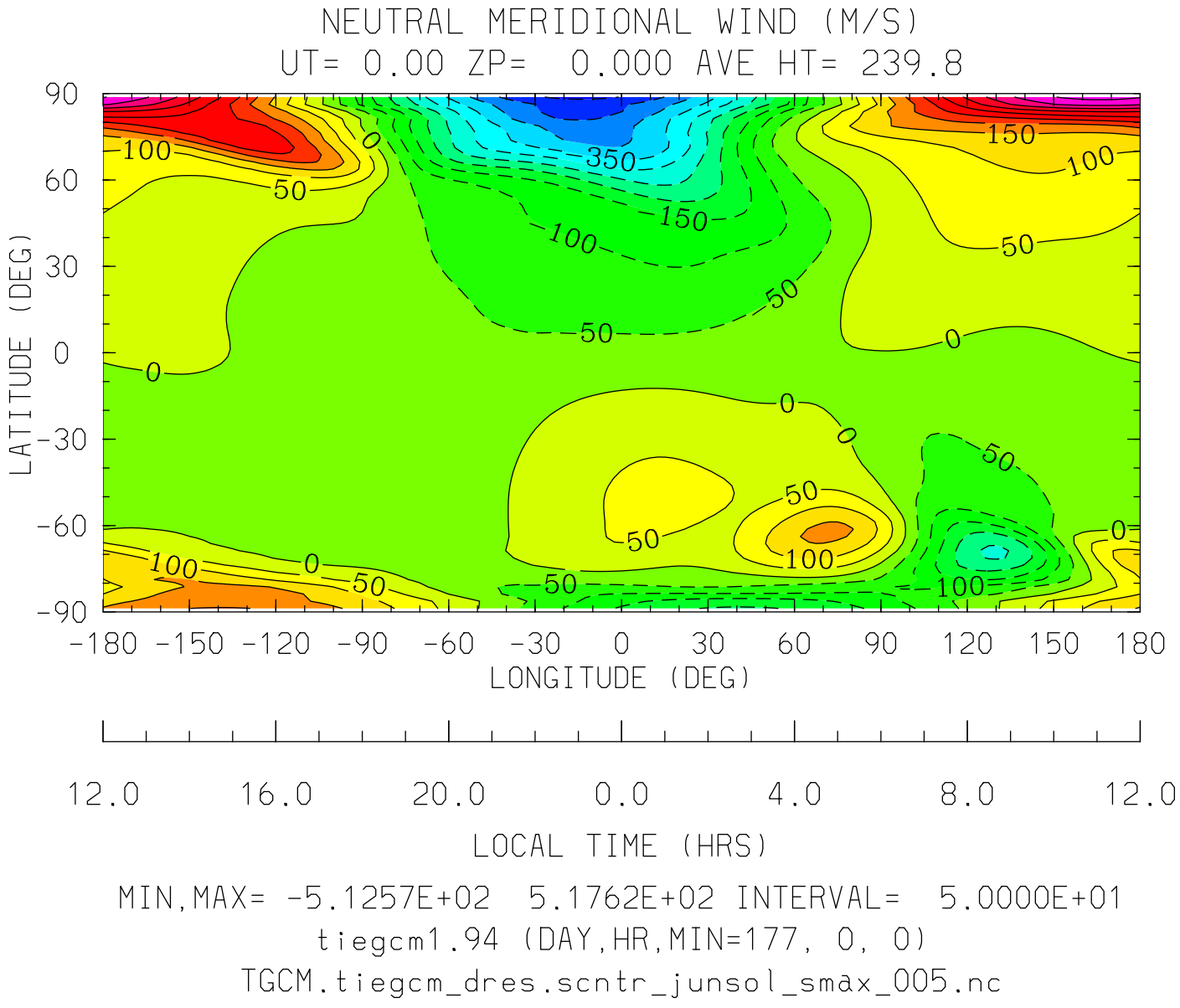

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -3.6384E+01 3.7989E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -1.1722E+01 1.1387E+01 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 118.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.0725E+02 1.1648E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -1.0218E+02 9.0183E+01 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

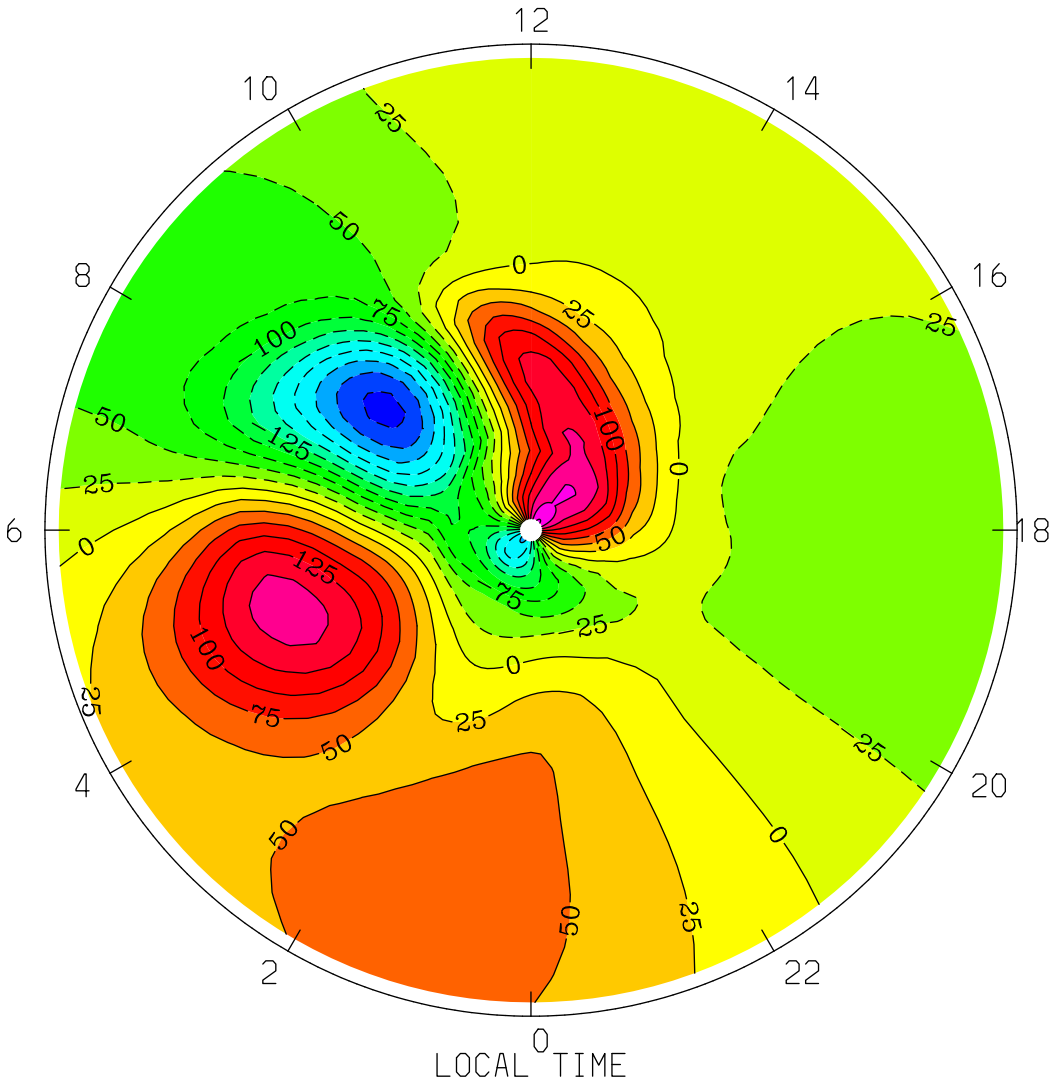

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -1.0725E+02 1.1648E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

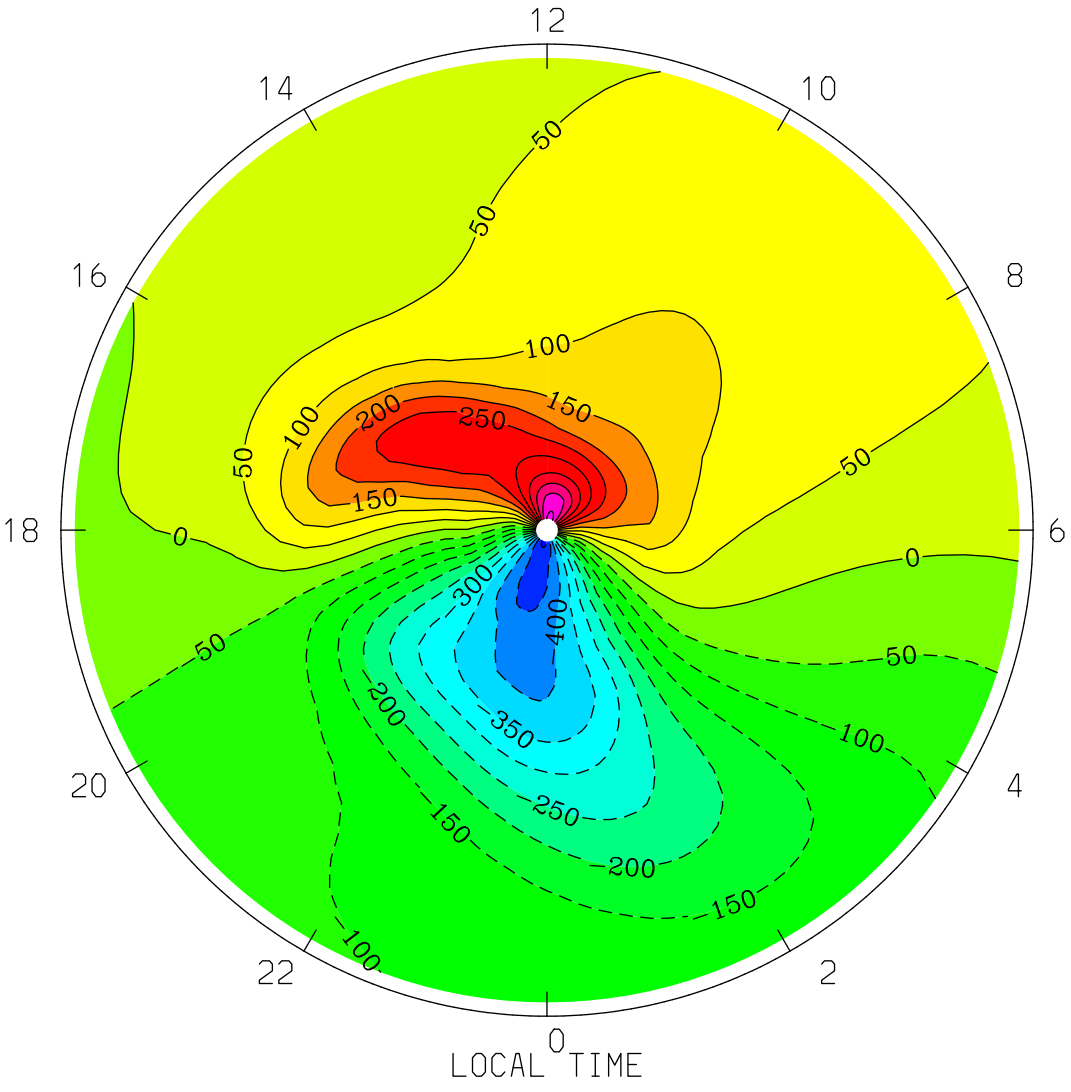


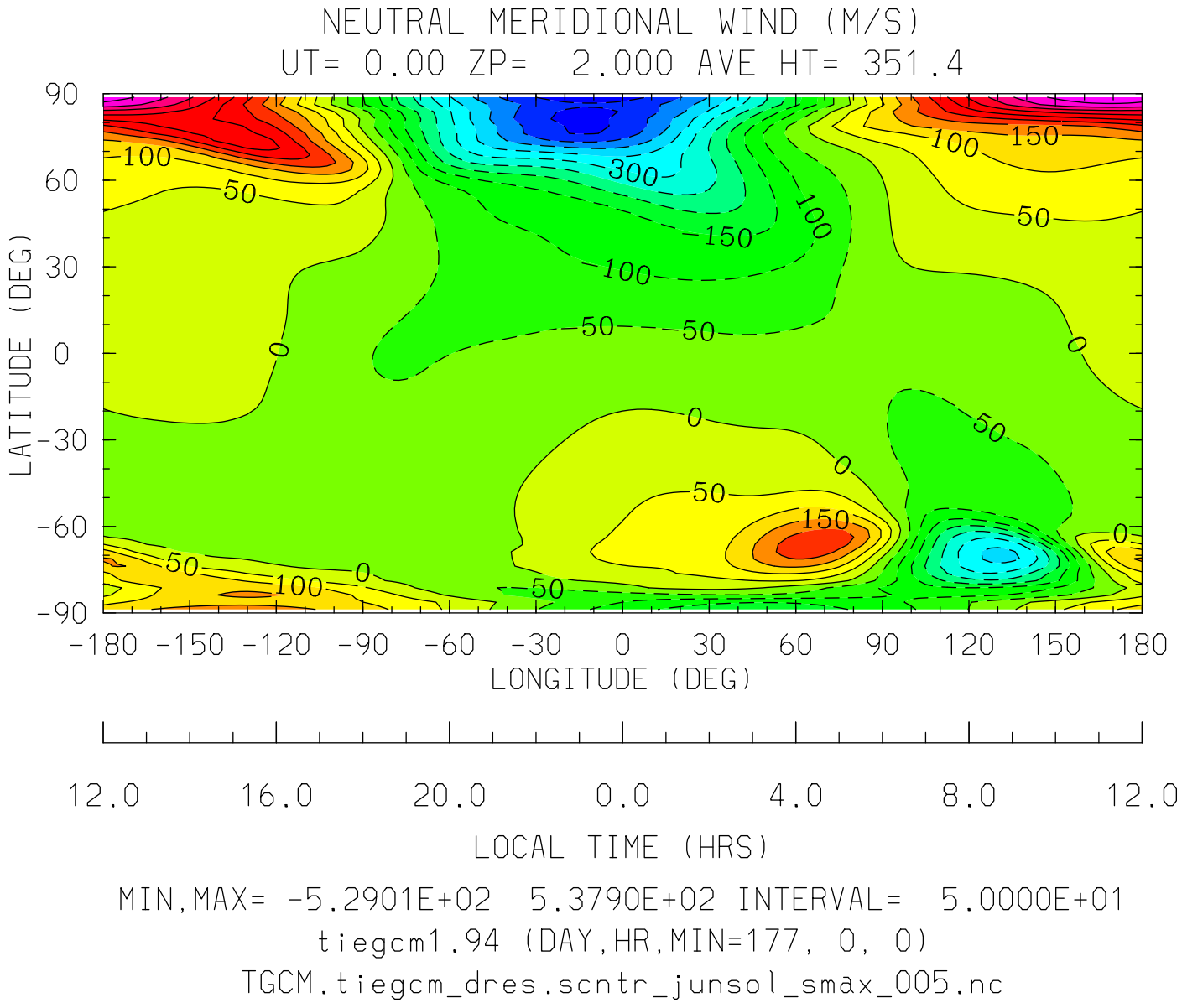
MIN,MAX= -5.1257E+02 5.1762E+02 INTERVAL= 5.0000E+01

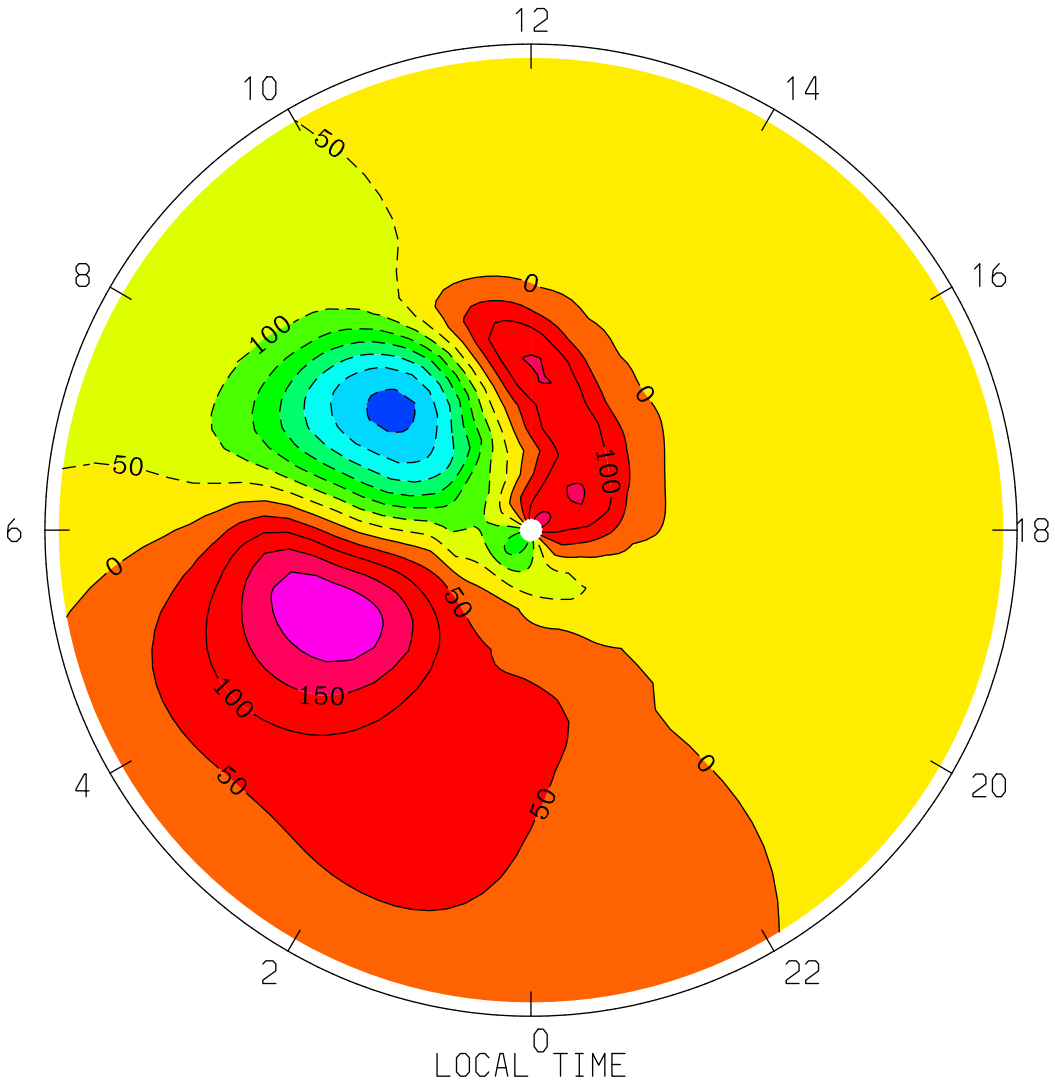
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

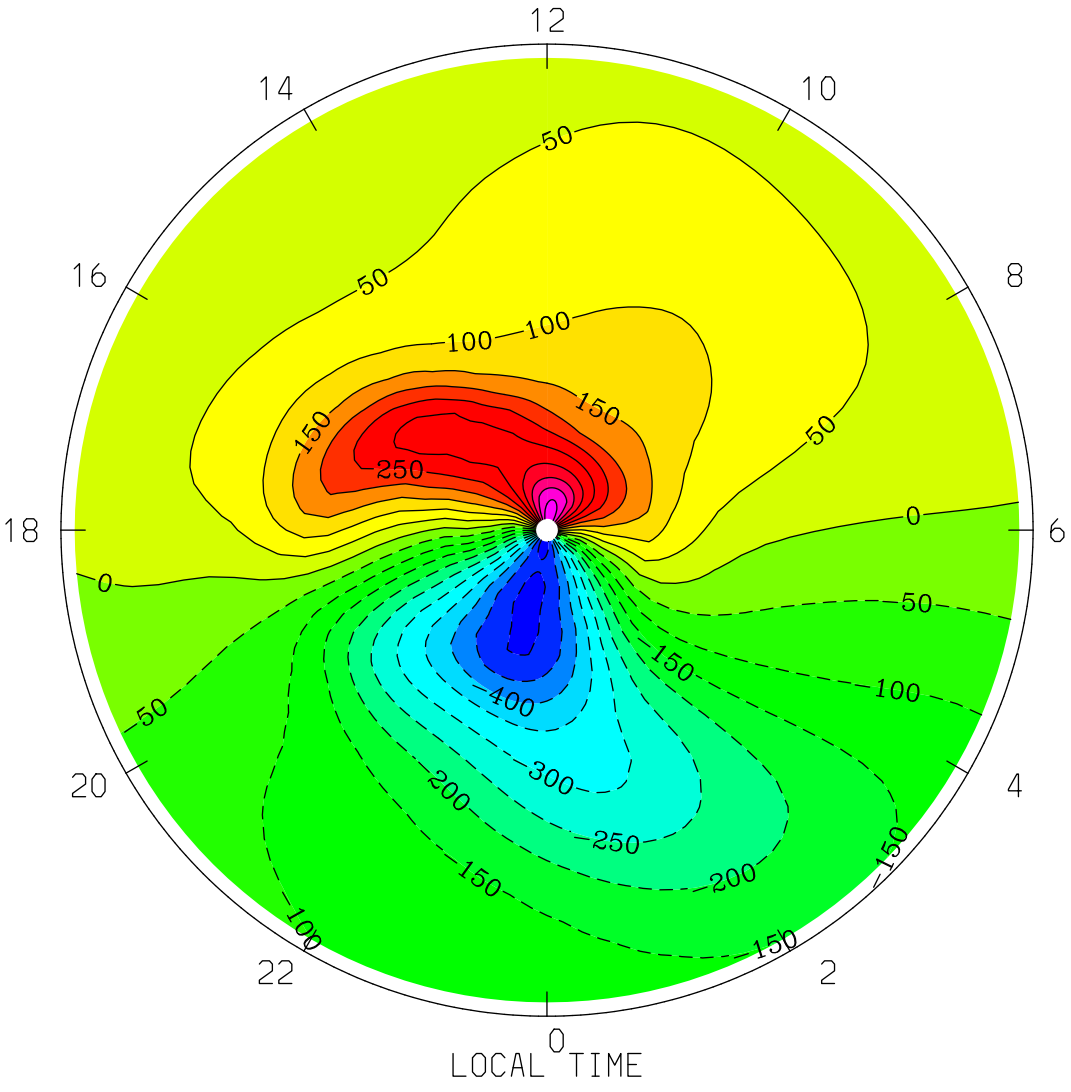
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

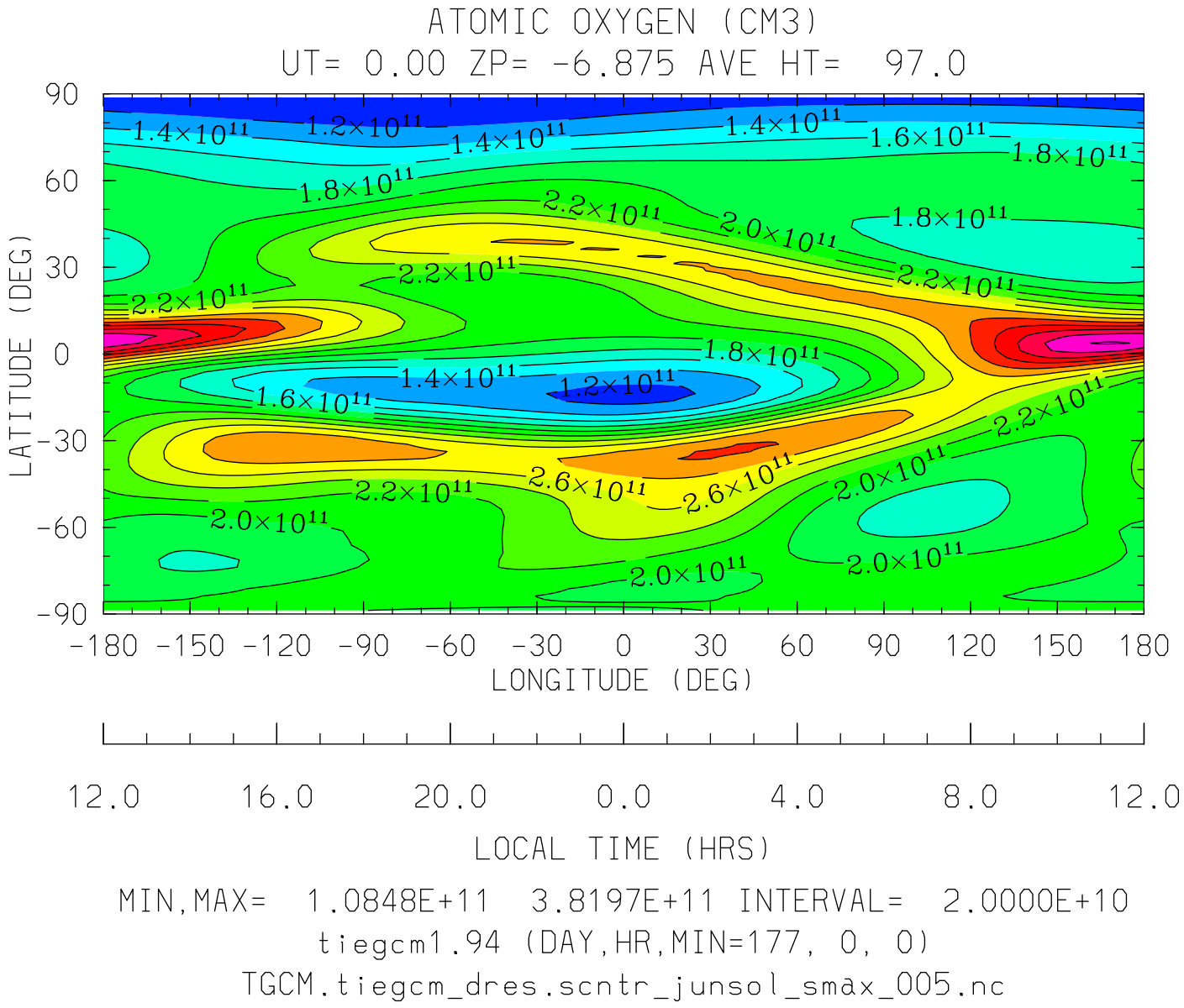

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= -2.5869E+02 2.0328E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -5.1257E+02 5.1762E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 351.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.2901E+02 5.3790E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
50
100
0
0
100
50
0
50
100
150
50
50
0
LOCAL TIME
MIN,MAX= -3.6455E+02 2.4112E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

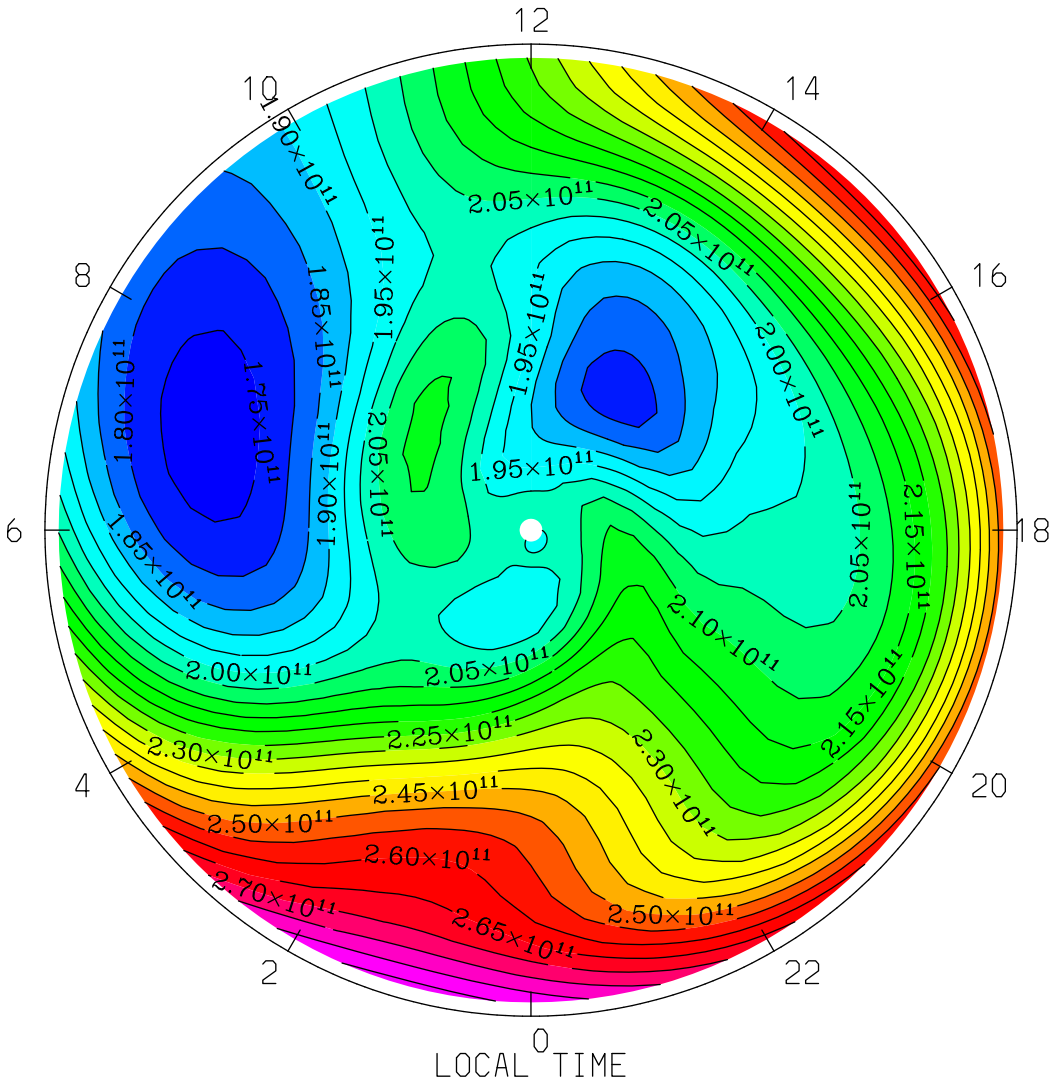

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
50
50
100
100
150
150
250
50
0
0
50
150
100
400
300
200
250
200
150
150
100
150
LOCAL TIME
MIN,MAX= -5.2901E+02 5.3790E+02 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.0848E+11 3.8197E+11 INTERVAL= 2.0000E+10

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

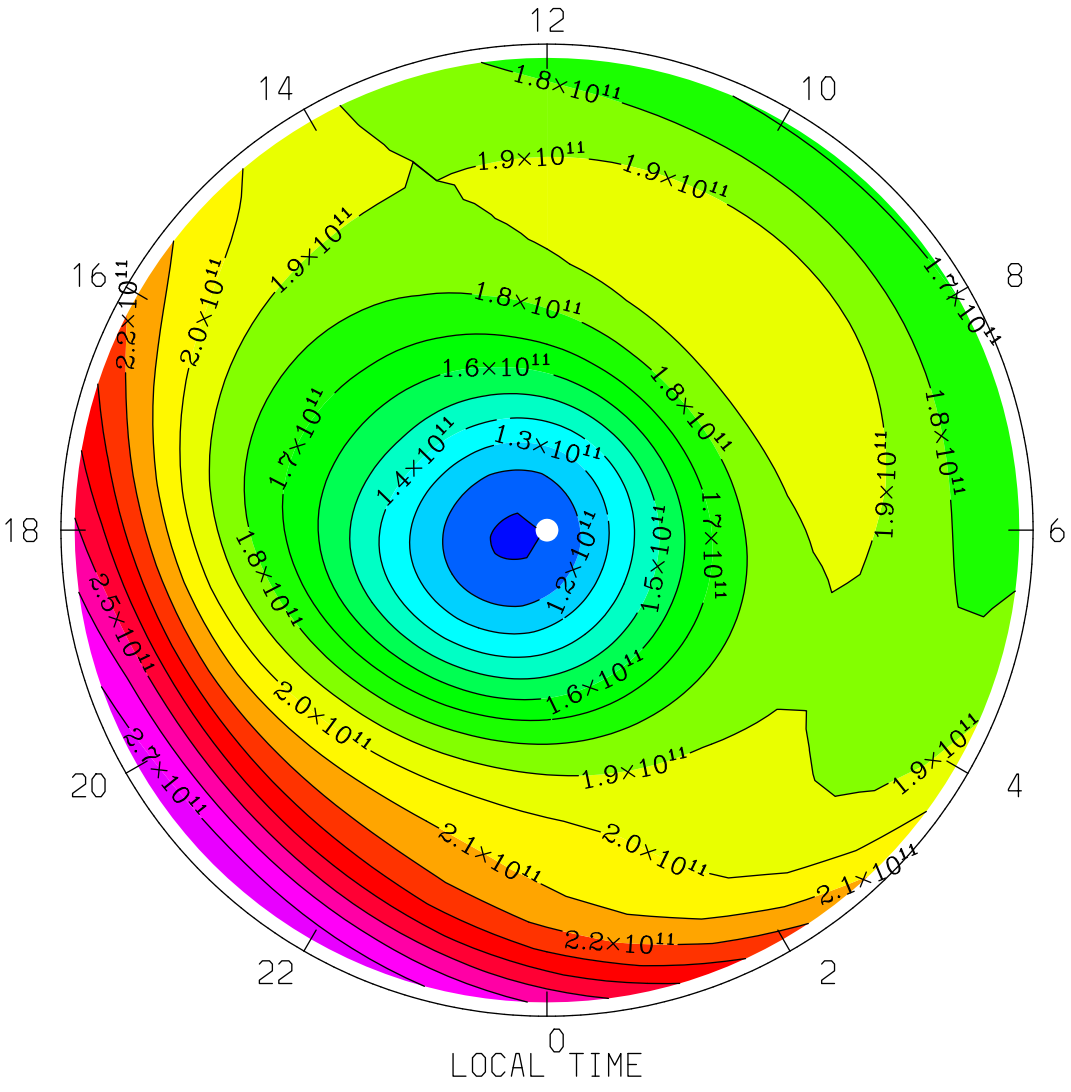
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.7242E+11 2.8673E+11 INTERVAL= 5.0000E+09

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

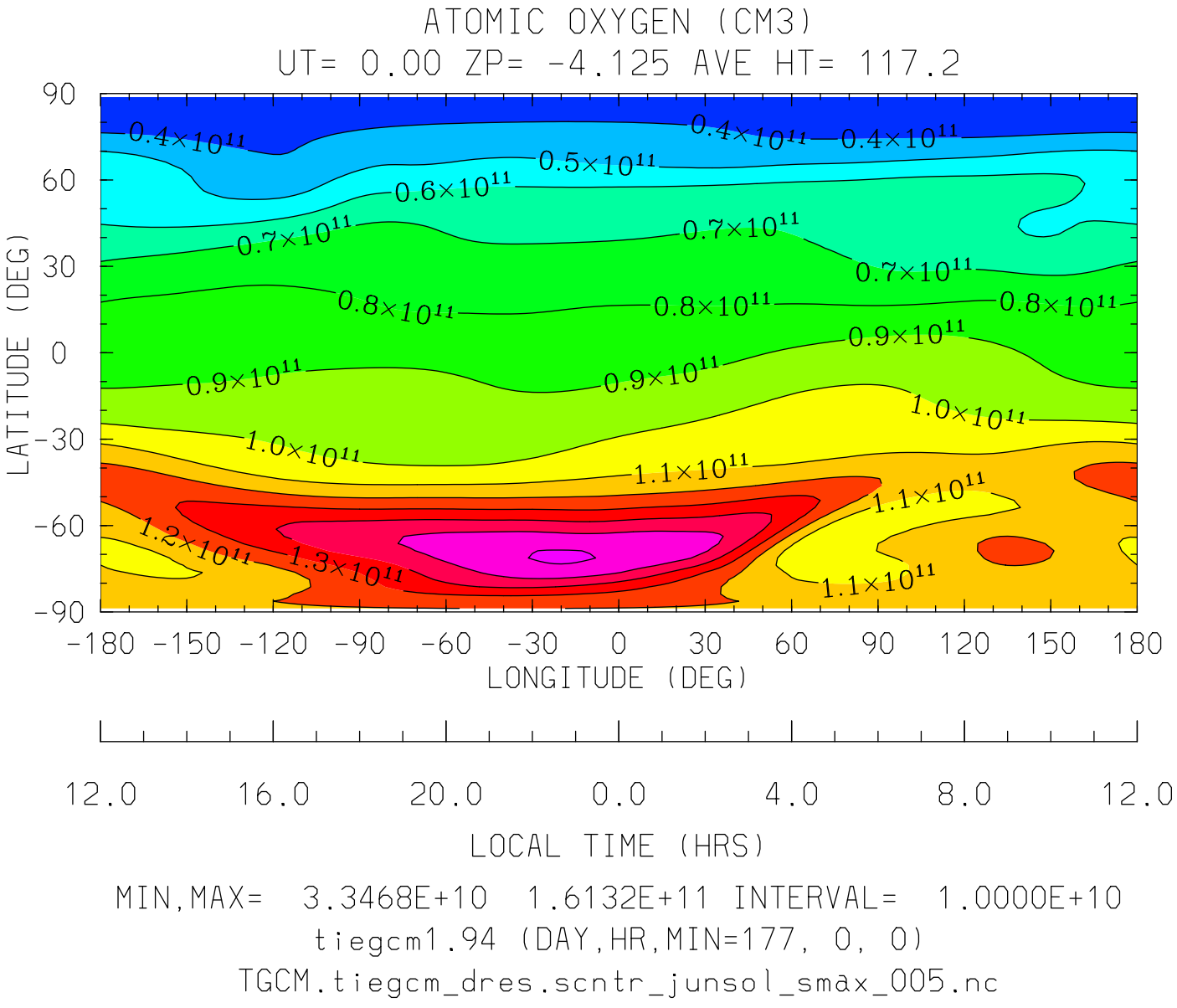
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.0848E+11 2.7852E+11 INTERVAL= 1.0000E+10

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

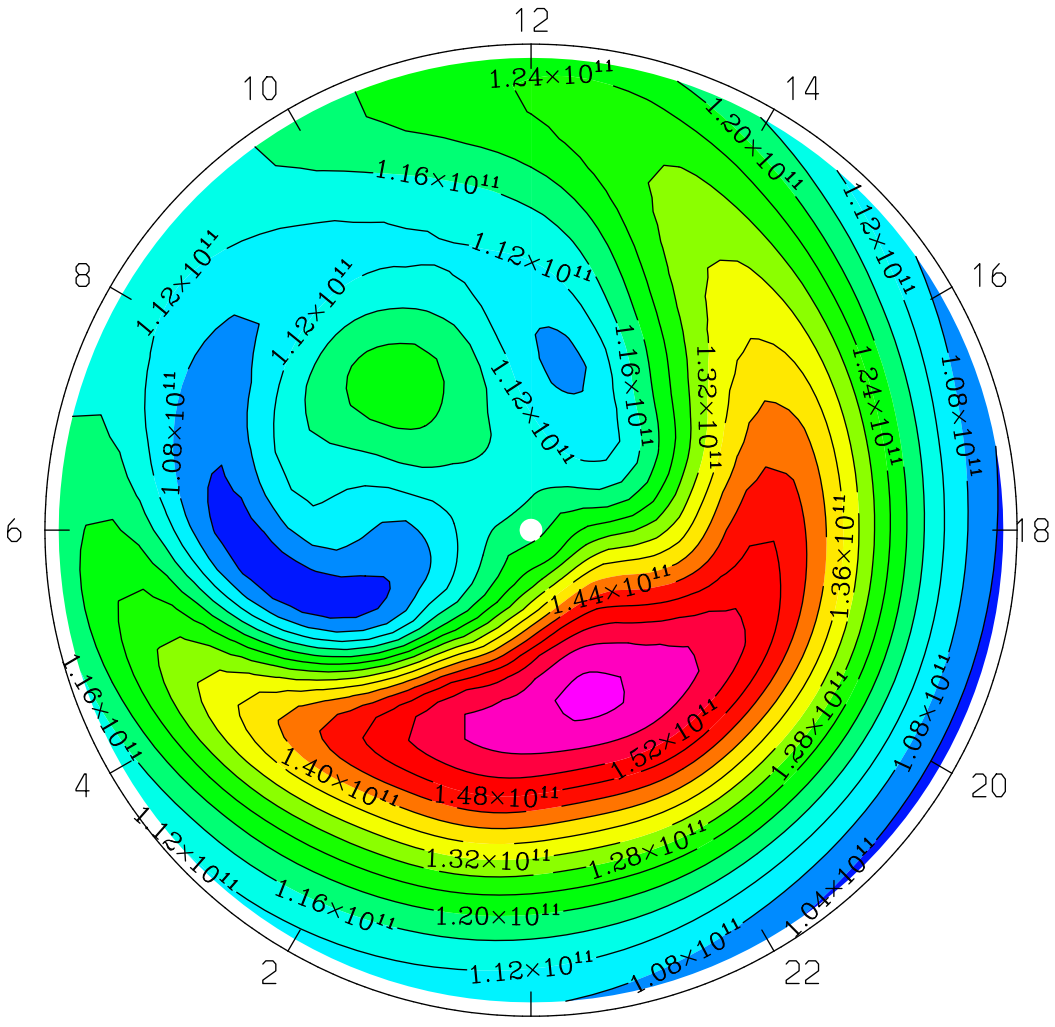


MIN,MAX= 3.3468E+10 1.6132E+11 INTERVAL= 1.0000E+10

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

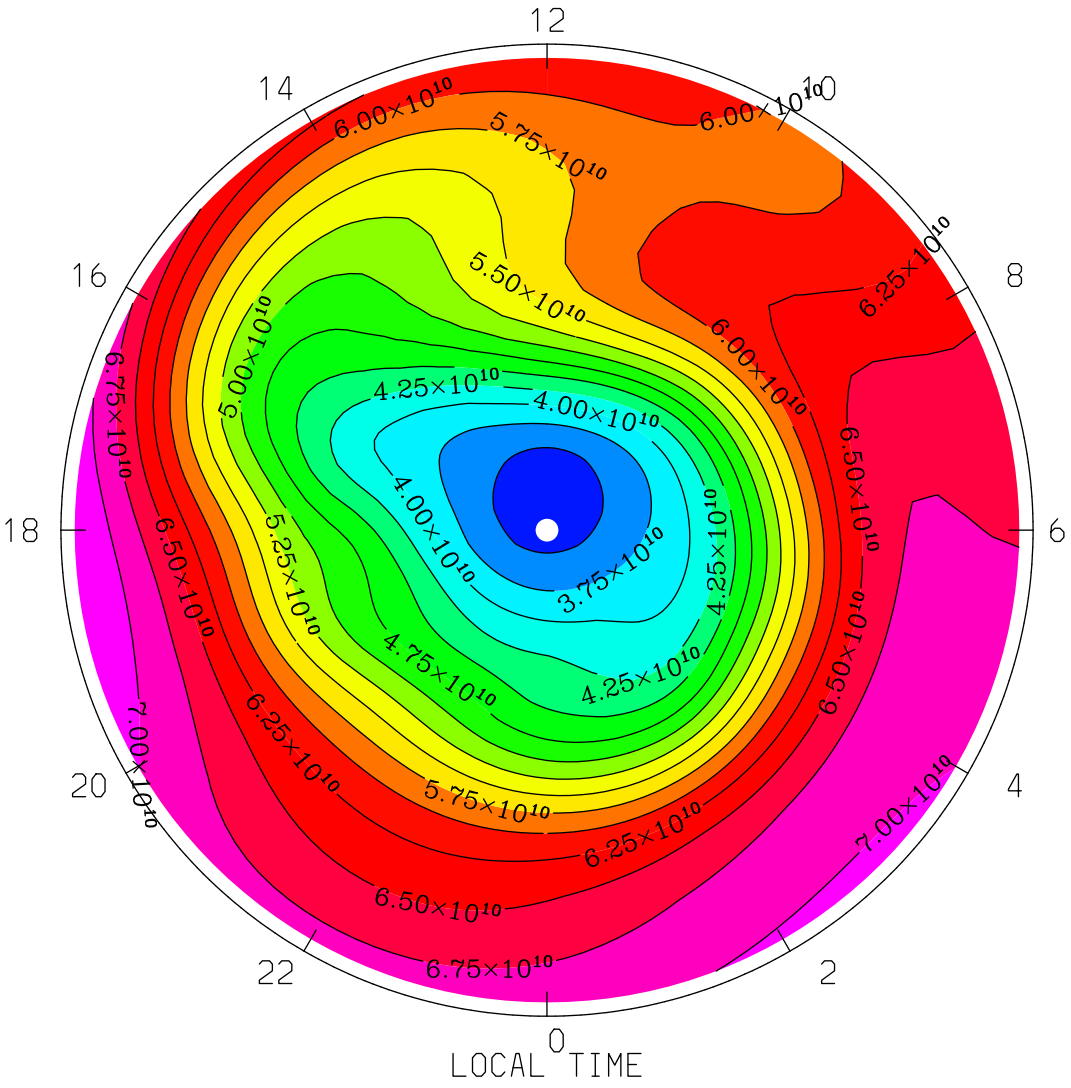
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

ATOMIC OXYGEN (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.2 PERIM-LAT=-40.0



LOCAL TIME

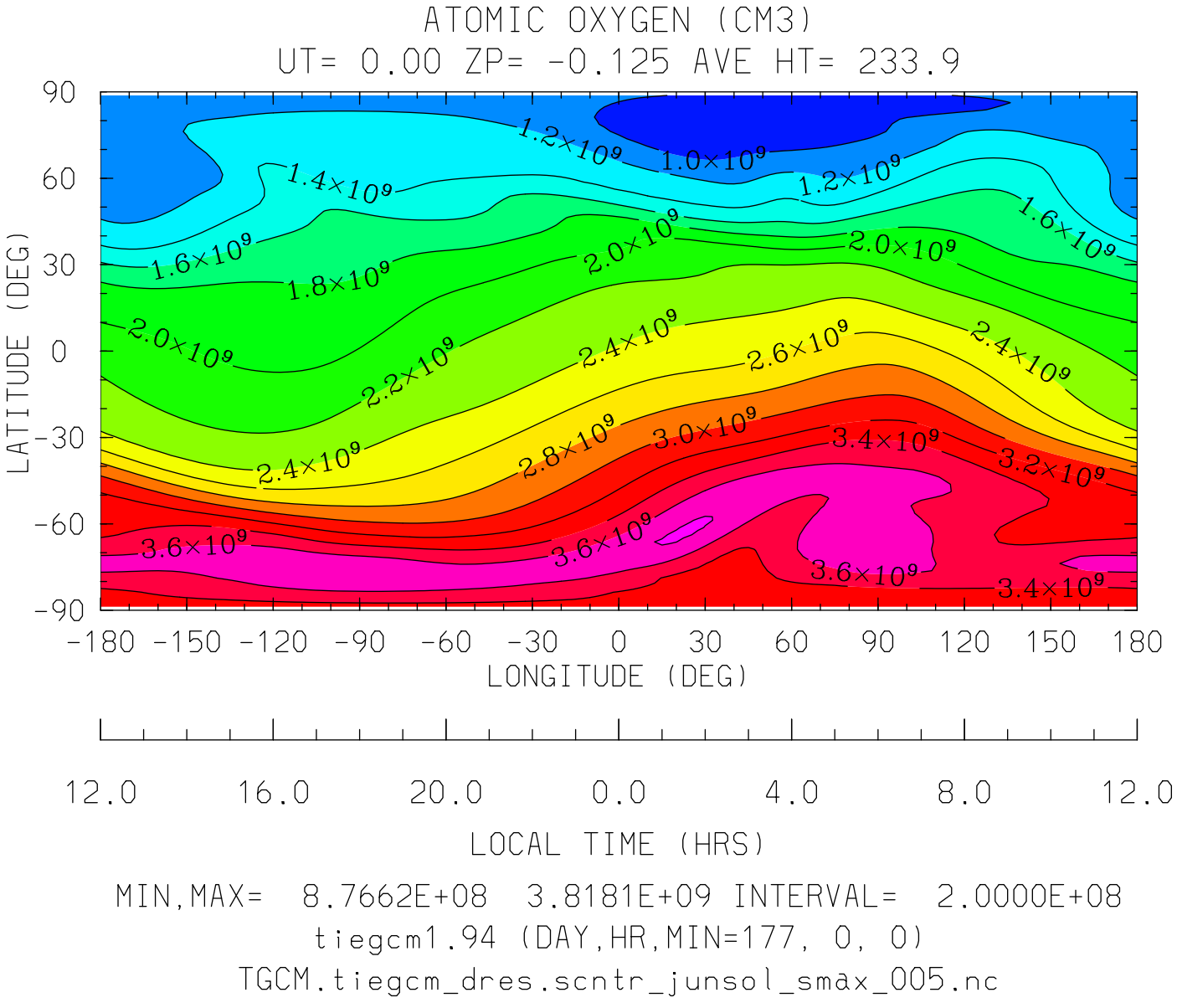
MIN,MAX= 1.0170E+11 1.6132E+11 INTERVAL= 4.0000E+09
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 3.3468E+10 7.2411E+10 INTERVAL= 2.5000E+09

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

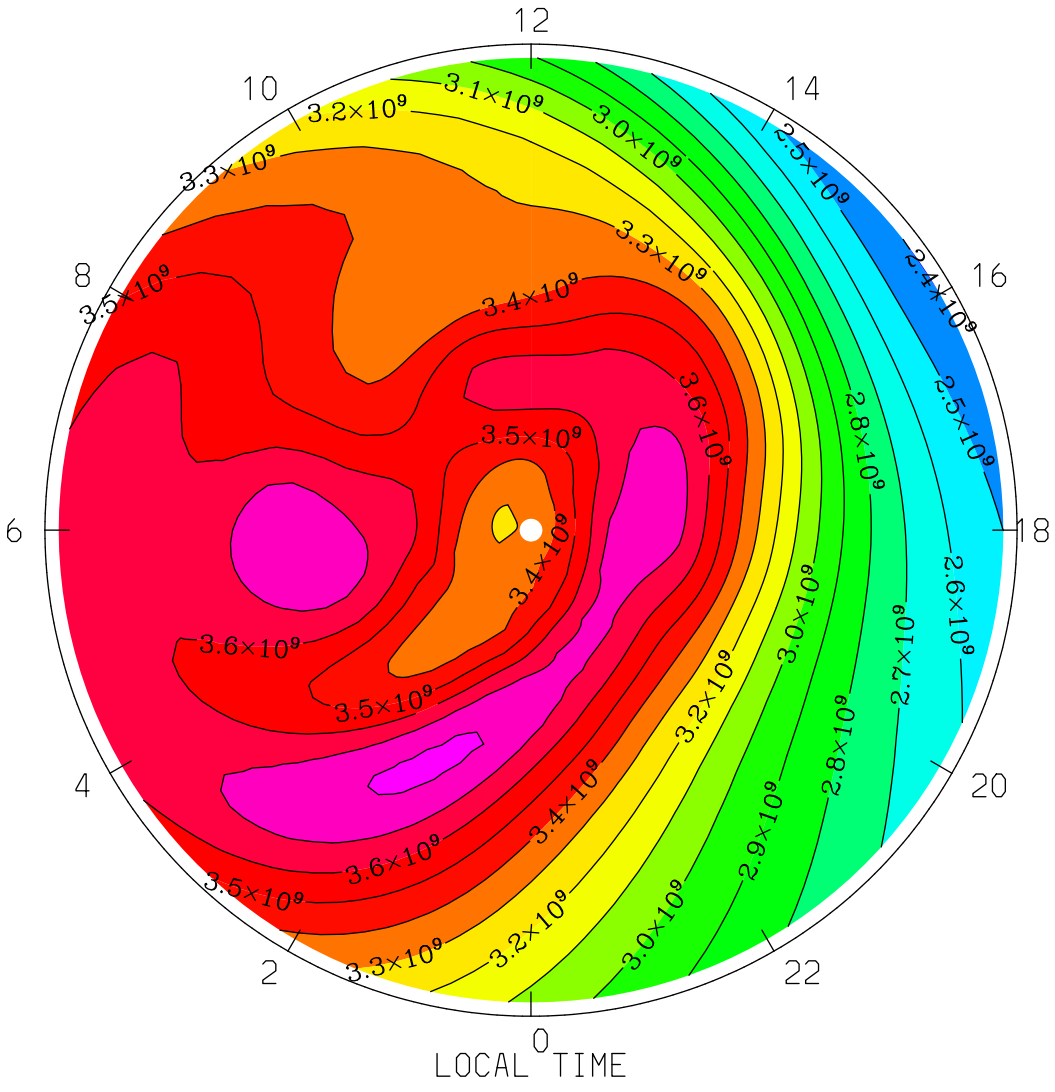
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 8.7662E+08 3.8181E+09 INTERVAL= 2.0000E+08

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

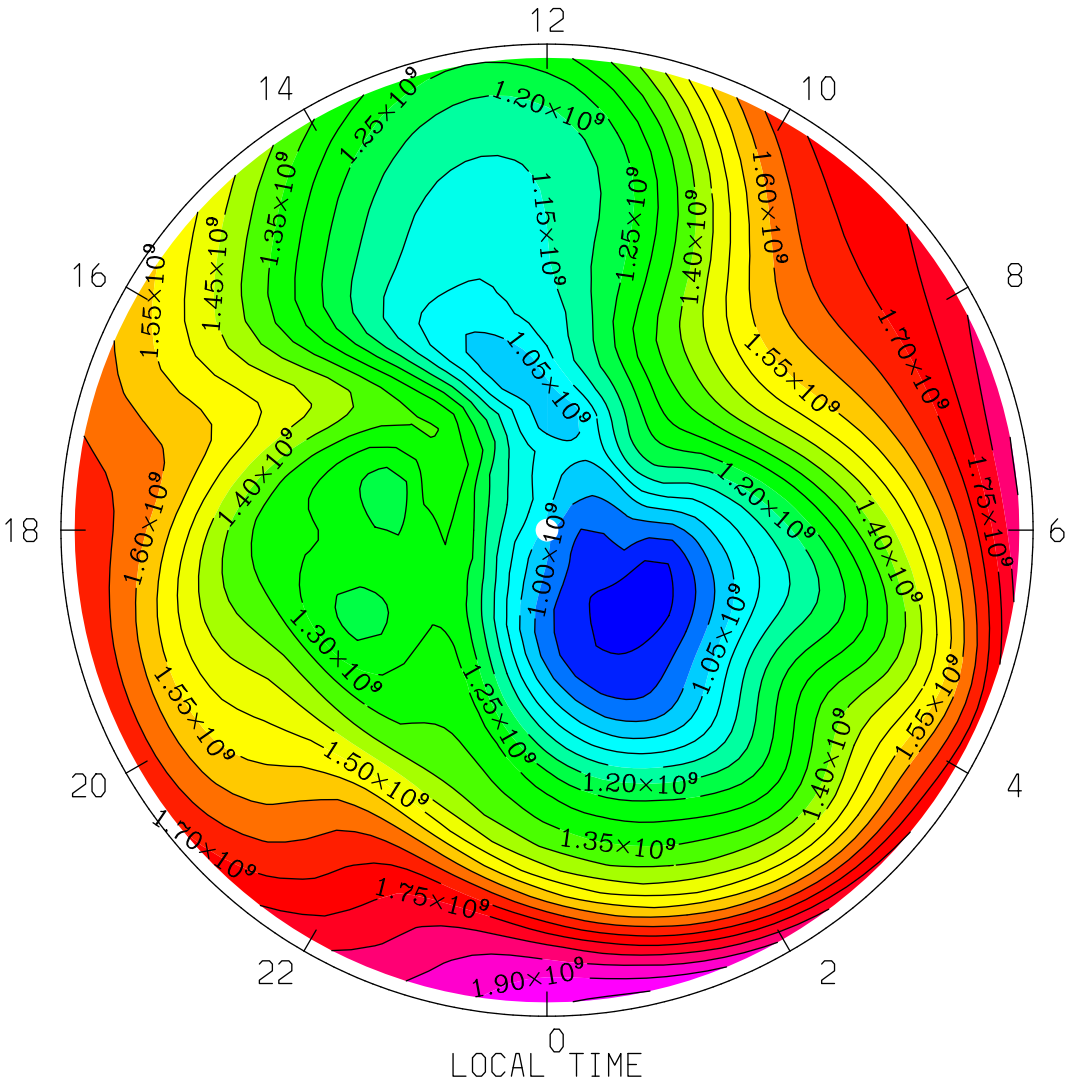
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 2.3976E+09 3.8181E+09 INTERVAL= 1.0000E+08

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

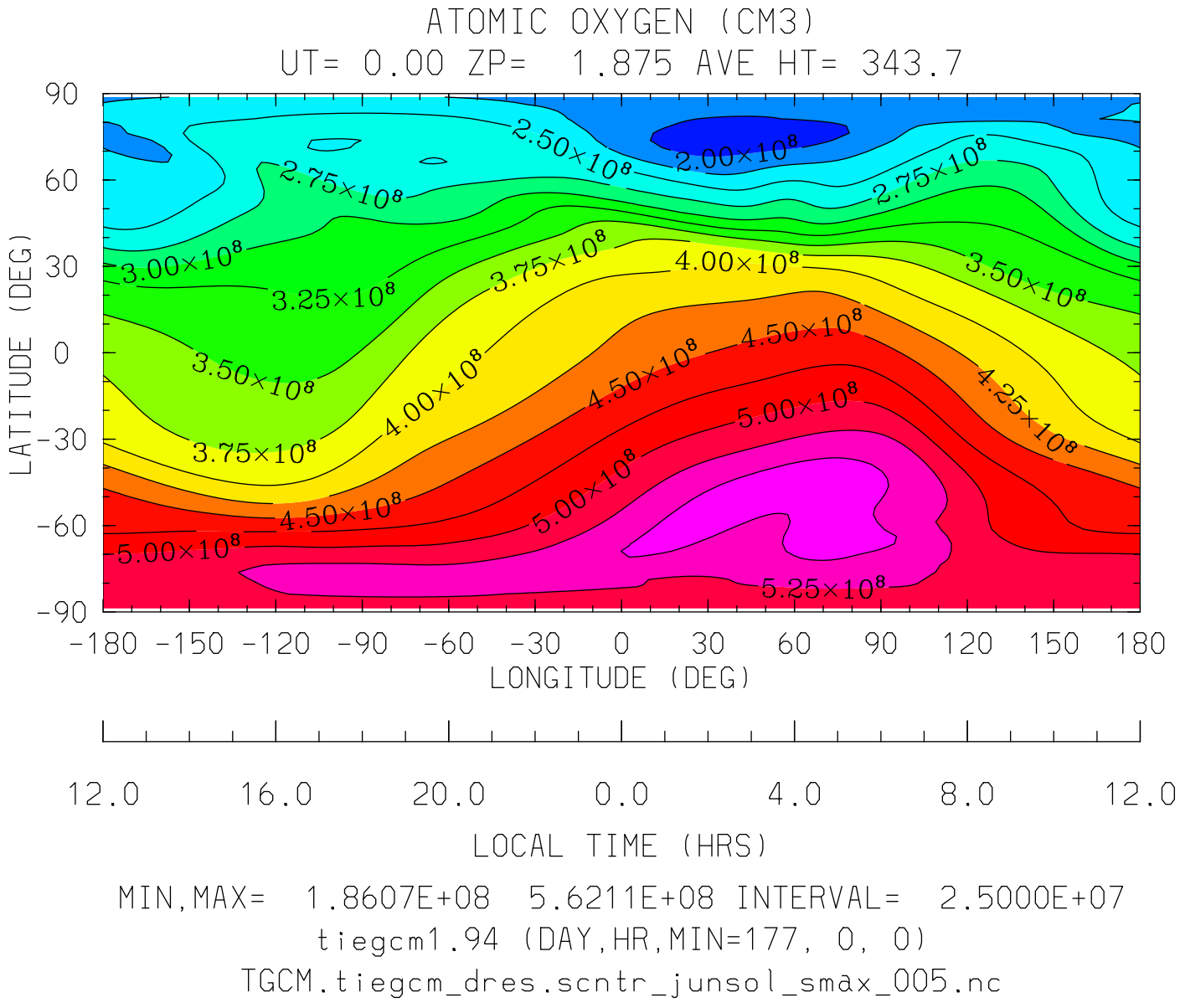
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 8.7662E+08 1.9565E+09 INTERVAL= 5.0000E+07

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

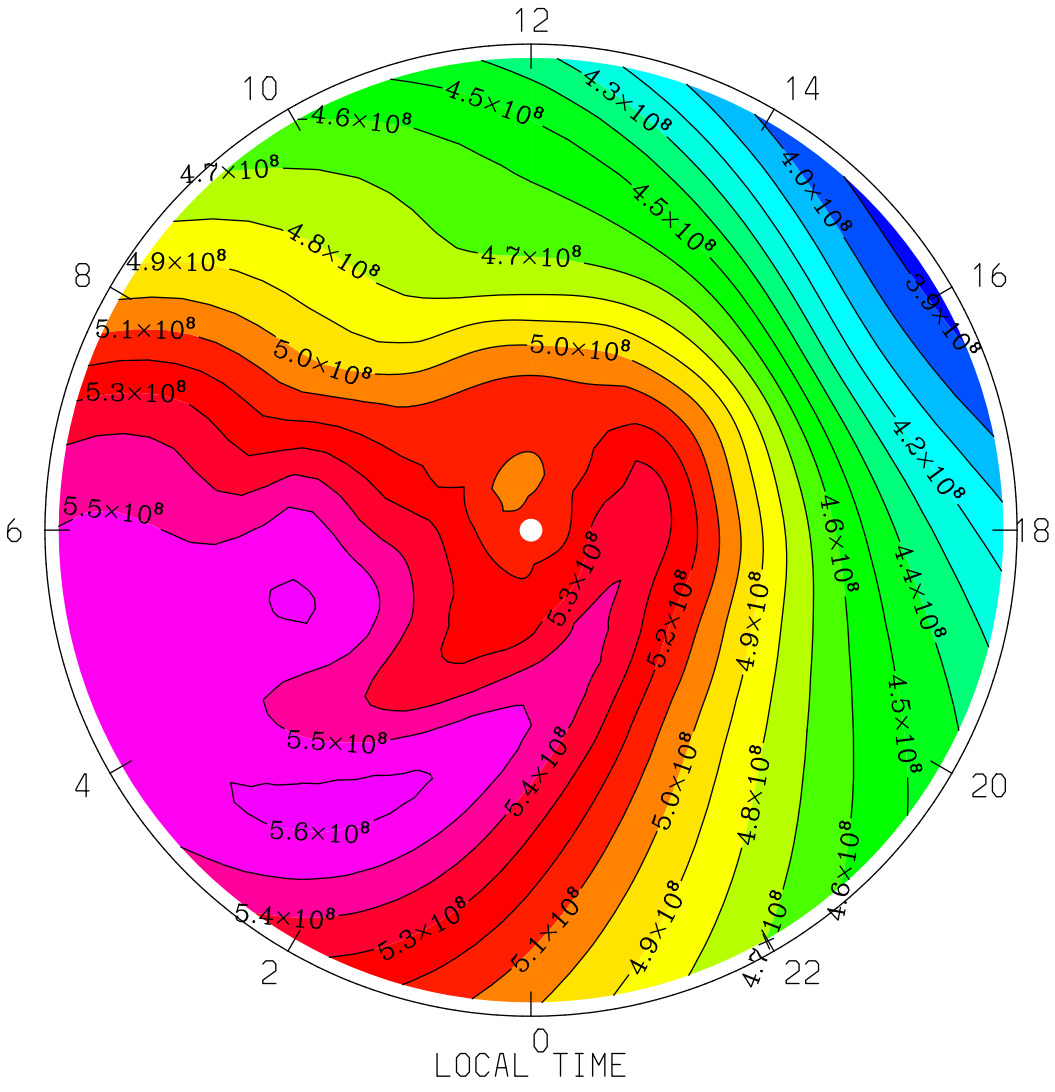
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.8607E+08 5.6211E+08 INTERVAL= 2.5000E+07

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

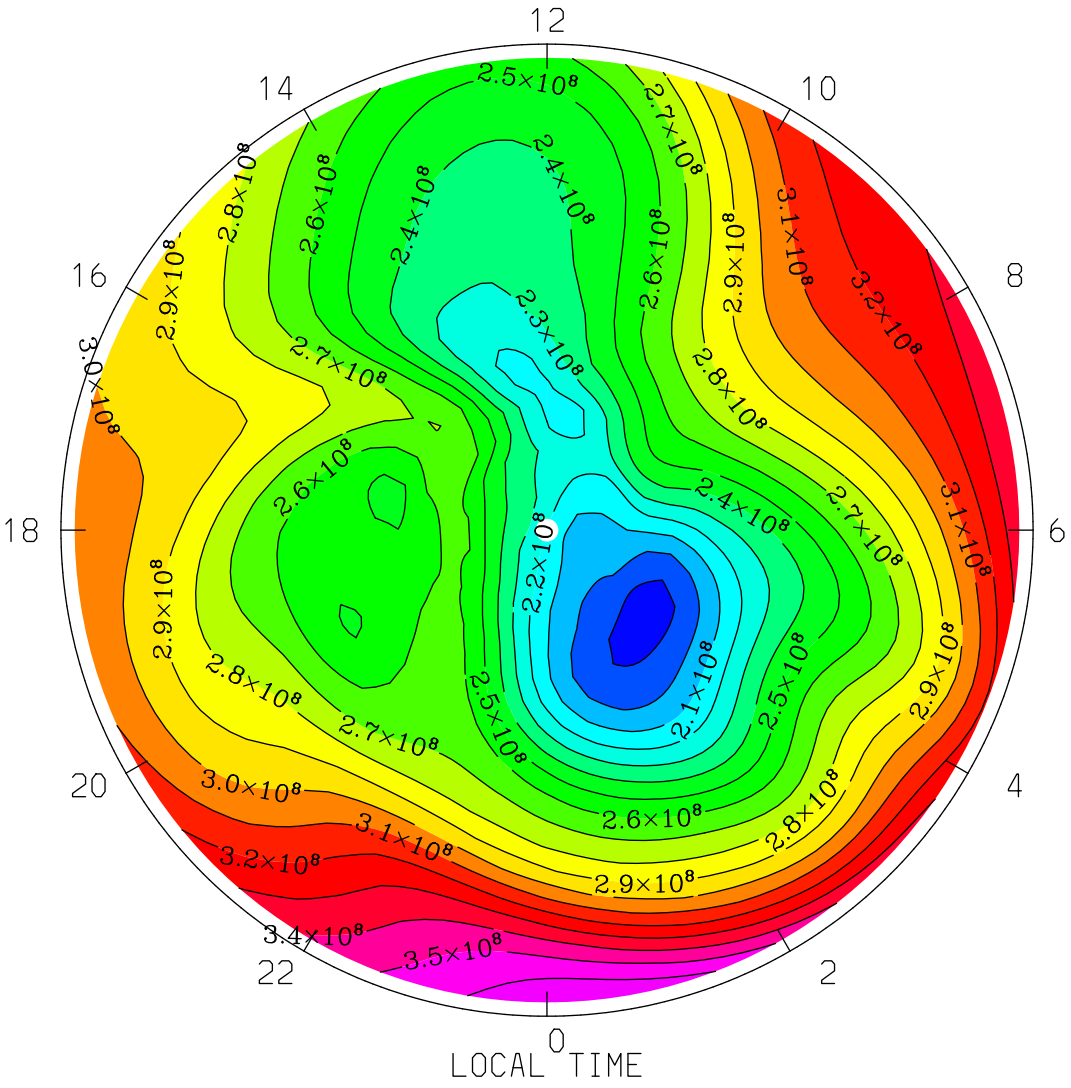
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 3.8662E+08 5.6211E+08 INTERVAL= 1.0000E+07

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

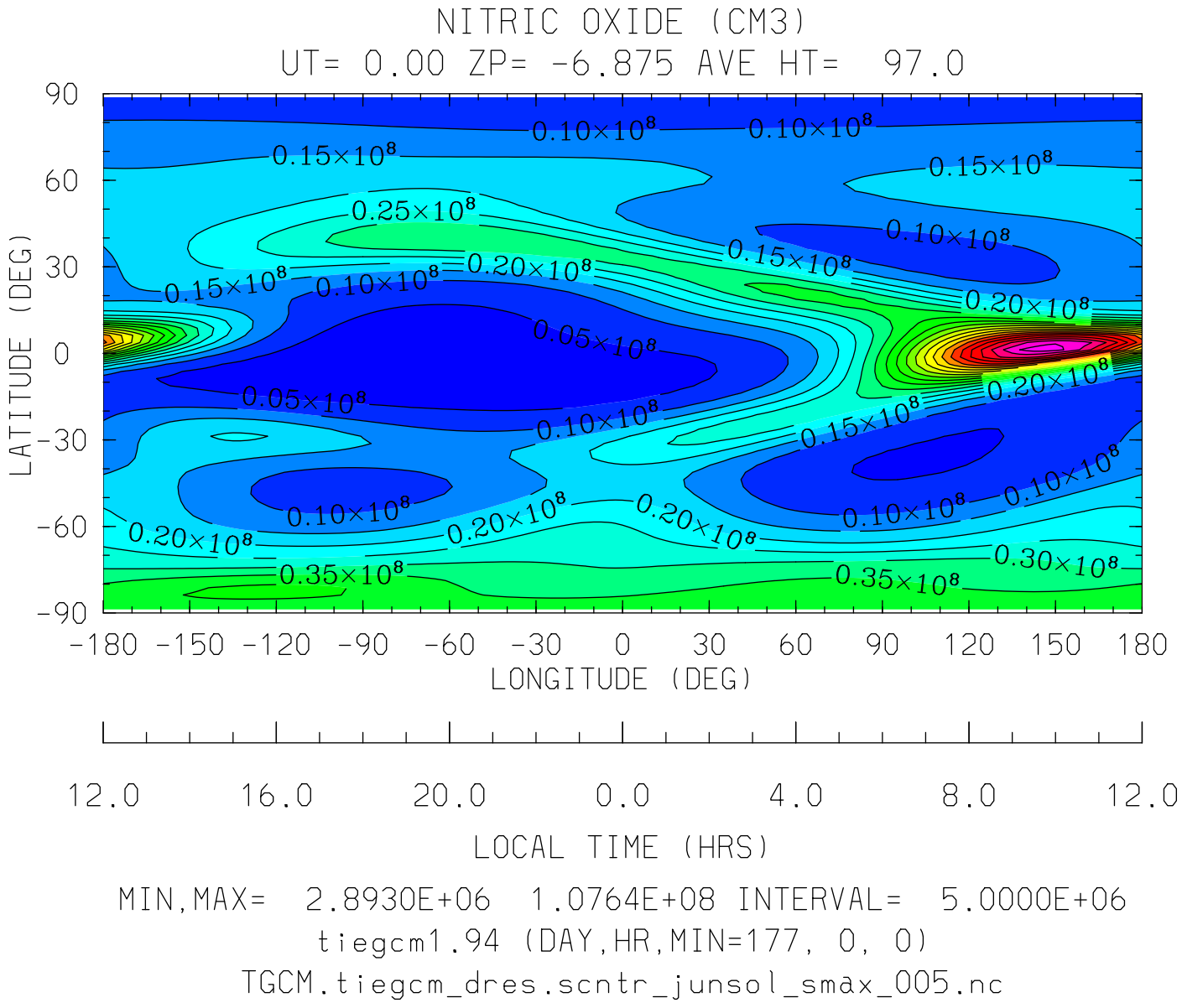
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.8607E+08 3.6899E+08 INTERVAL= 1.0000E+07

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

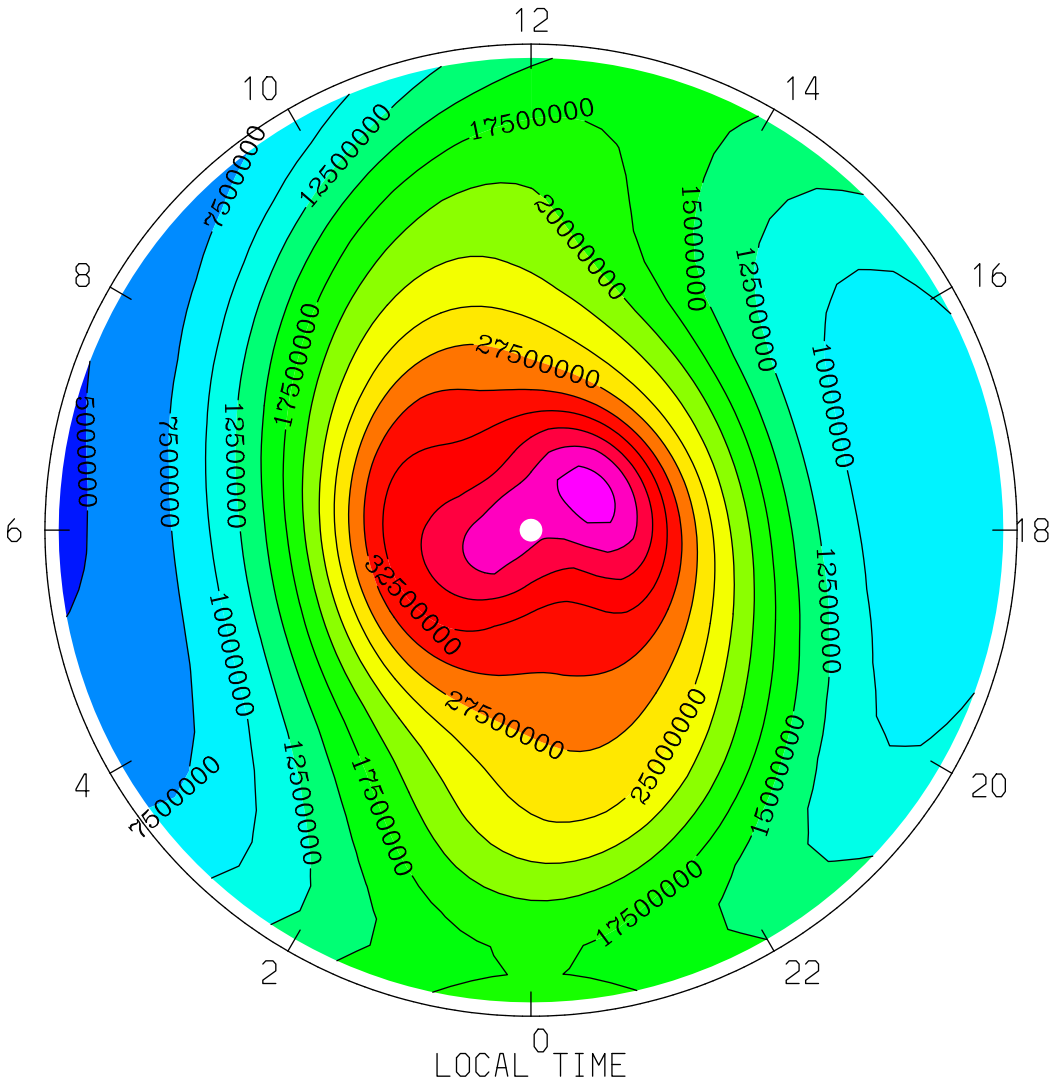
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 2.8930E+06 1.0764E+08 INTERVAL= 5.0000E+06

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

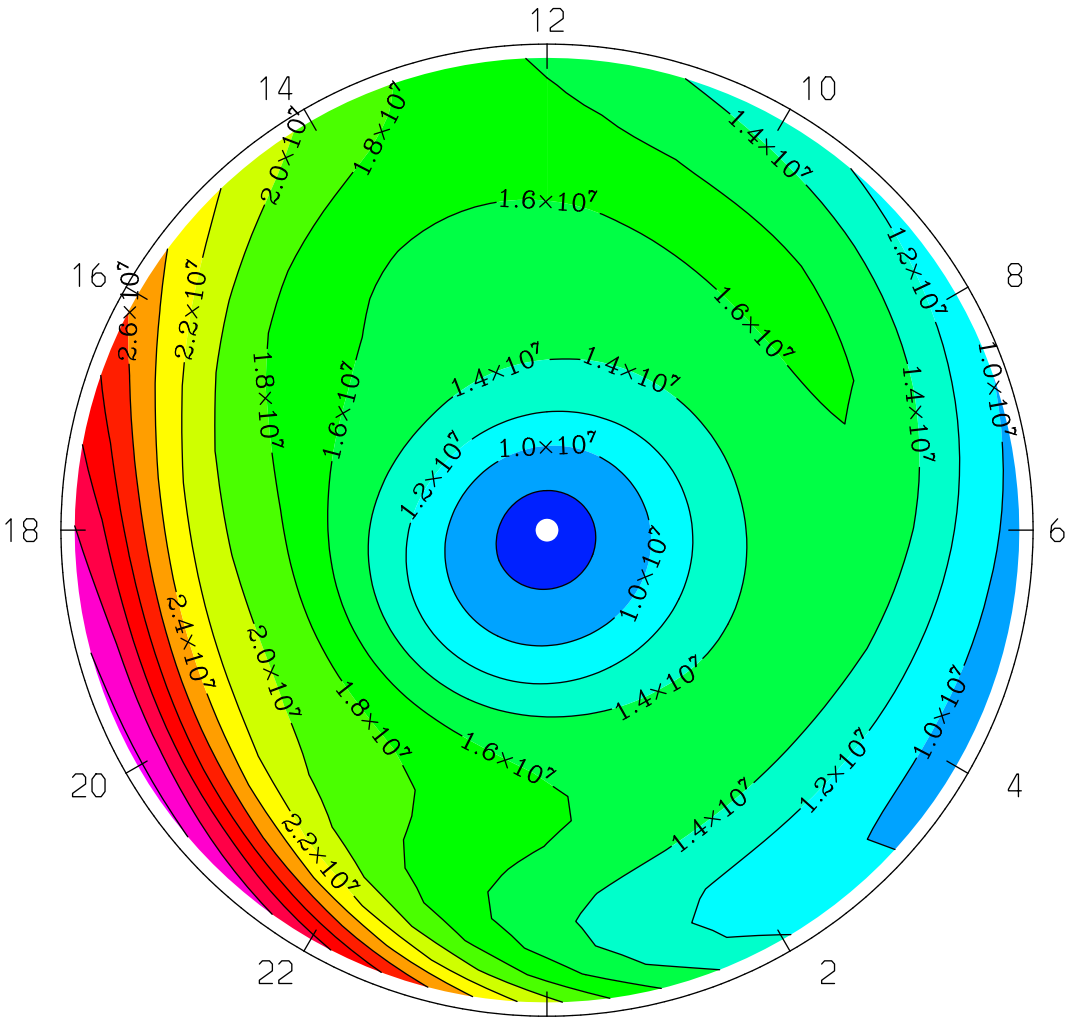


MIN,MAX= 4.7598E+06 4.1203E+07 INTERVAL= 2.5000E+06

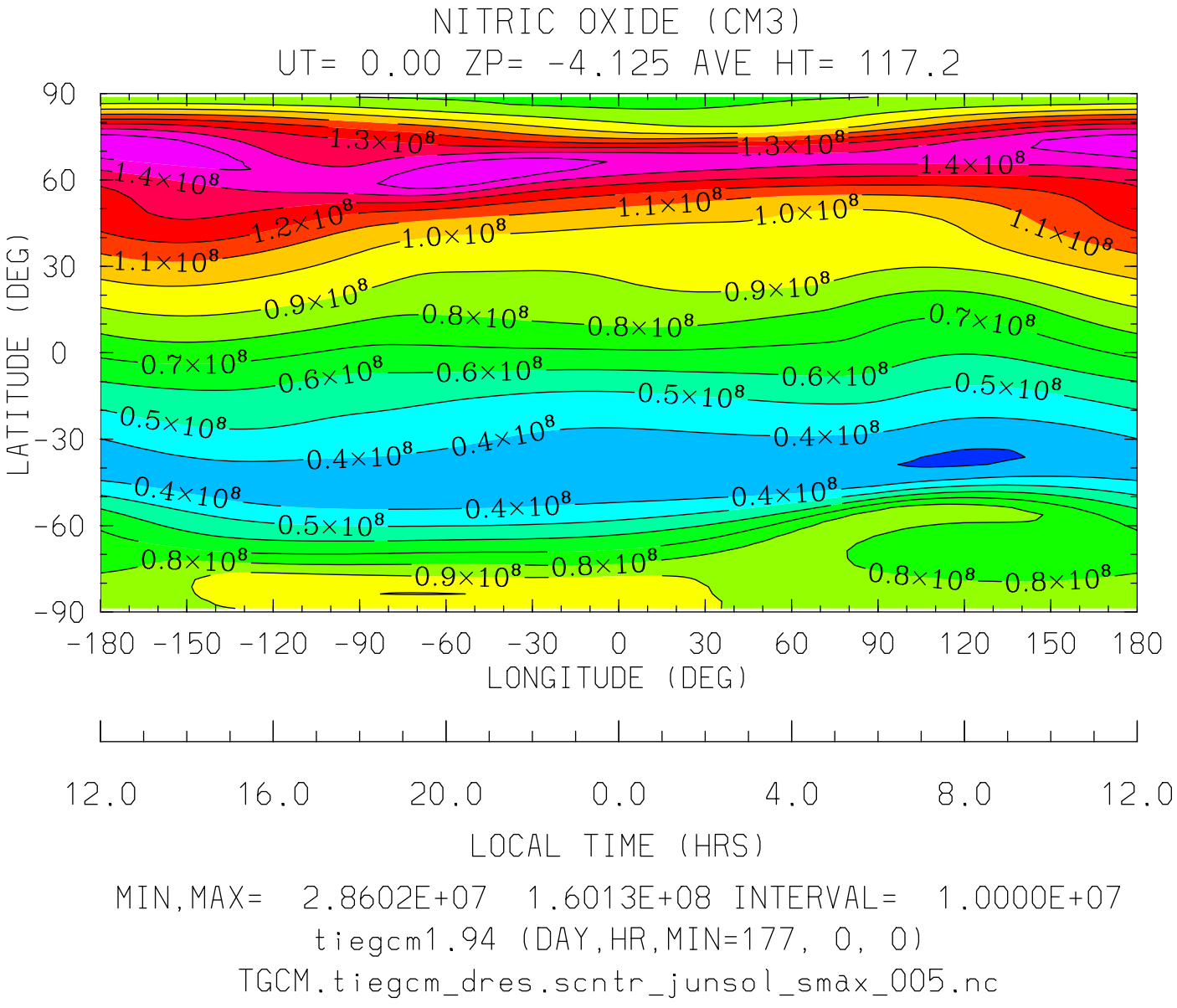
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

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



MIN,MAX= 7.2210E+06 3.4451E+07 INTERVAL= 2.0000E+06
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

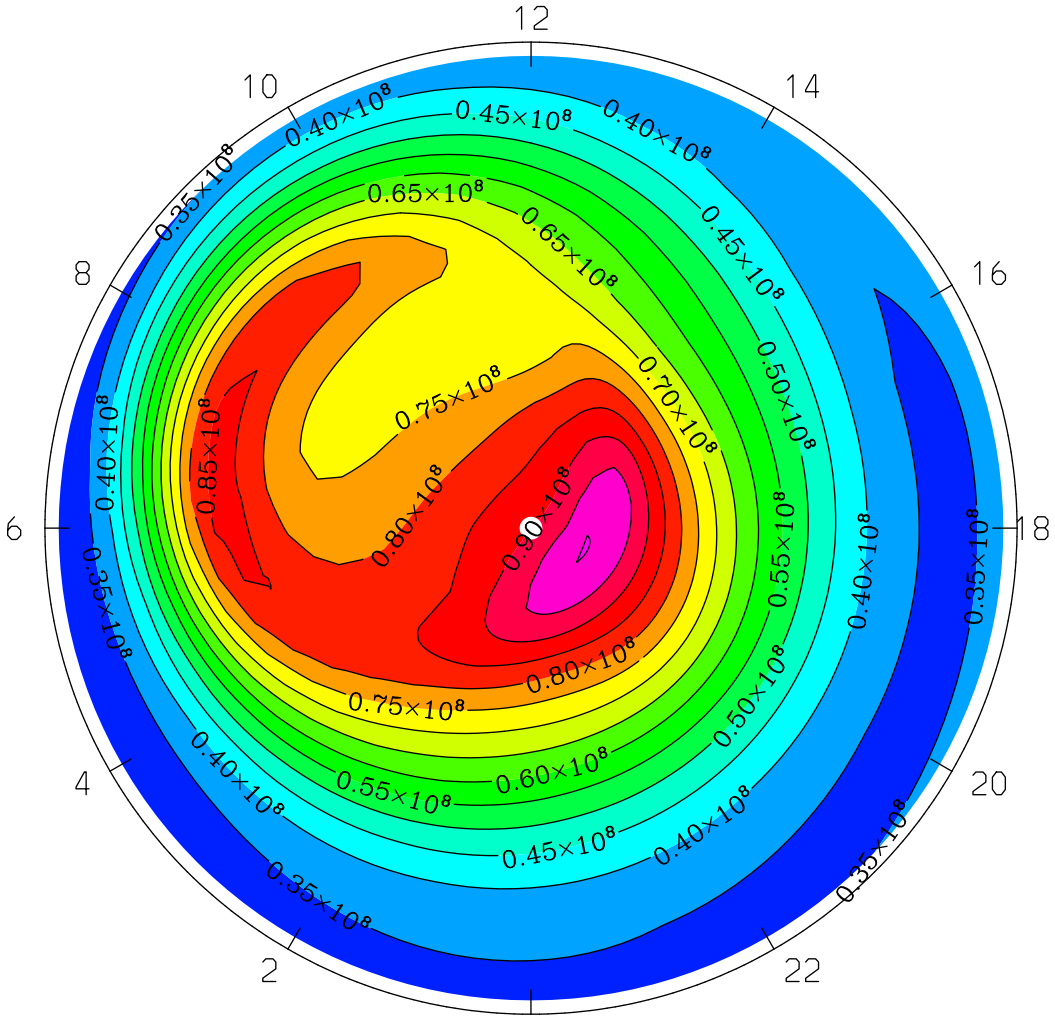


MIN,MAX= 2.8602E+07 1.6013E+08 INTERVAL= 1.0000E+07

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

NITRIC OXIDE (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.2 PERIM-LAT=-40.0



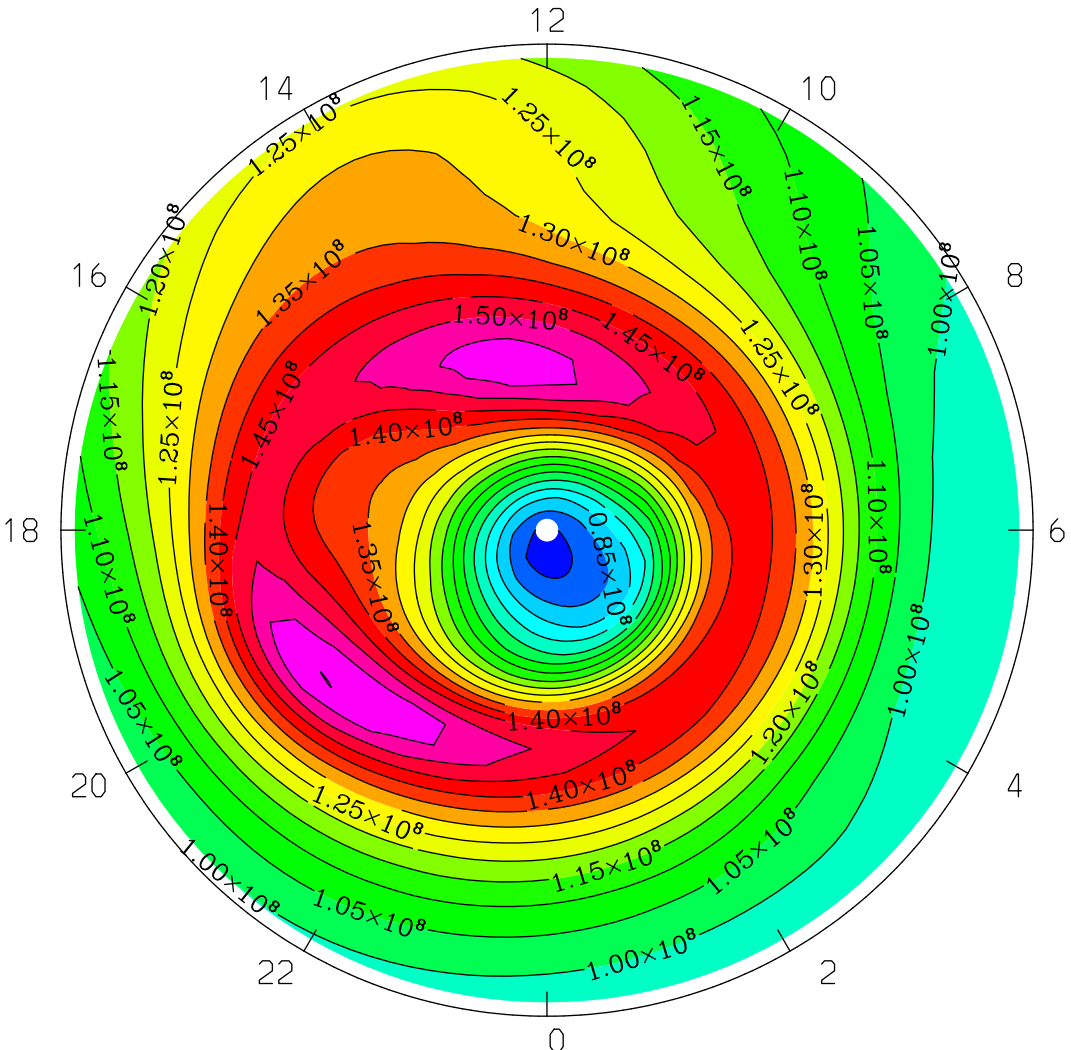
LOCAL TIME

MIN,MAX= 3.0716E+07 1.0030E+08 INTERVAL= 5.0000E+06

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

NITRIC OXIDE (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.2 PERIM-LAT= 40.0

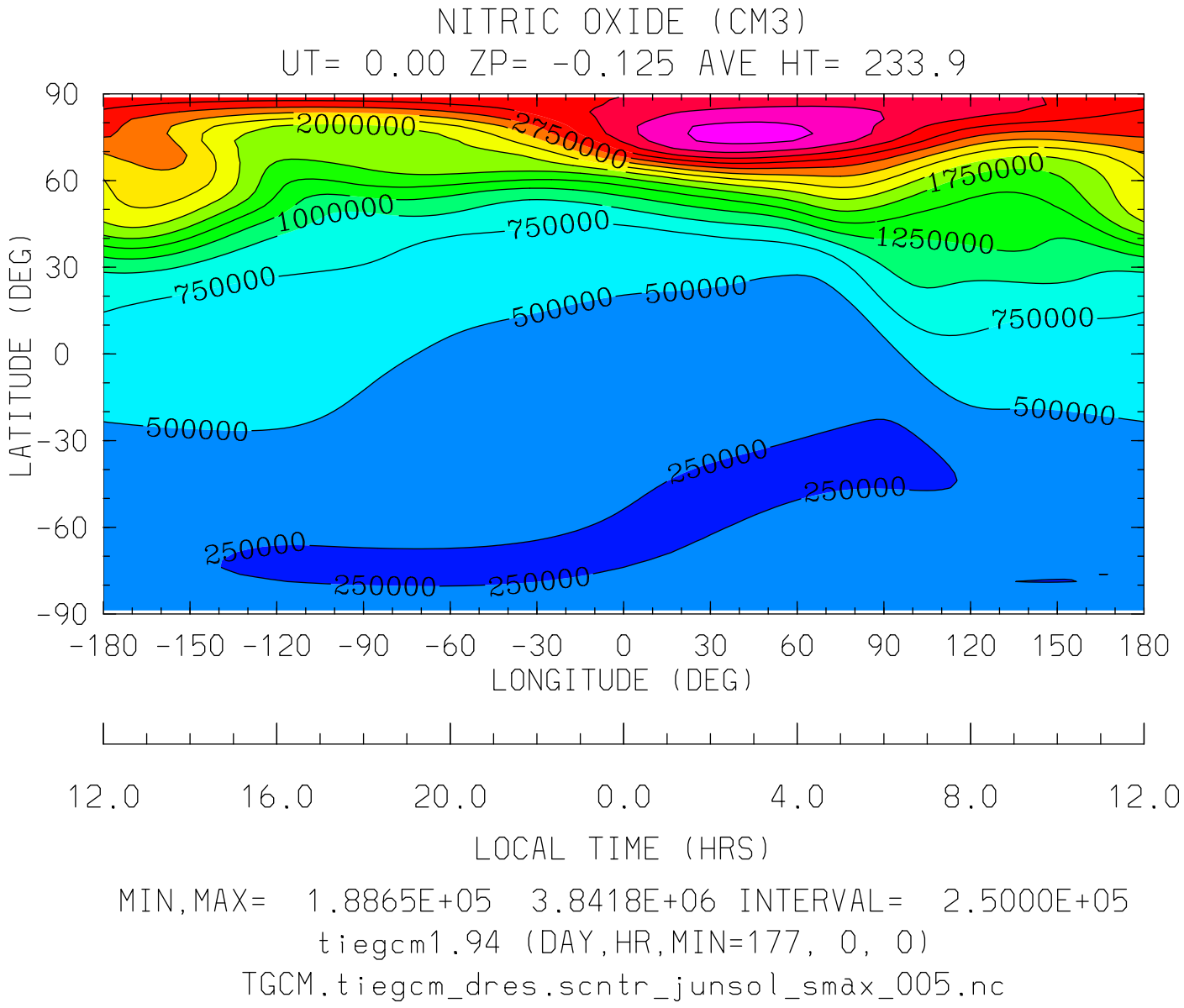


LOCAL TIME

MIN,MAX= 7.7899E+07 1.6013E+08 INTERVAL= 5.0000E+06

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

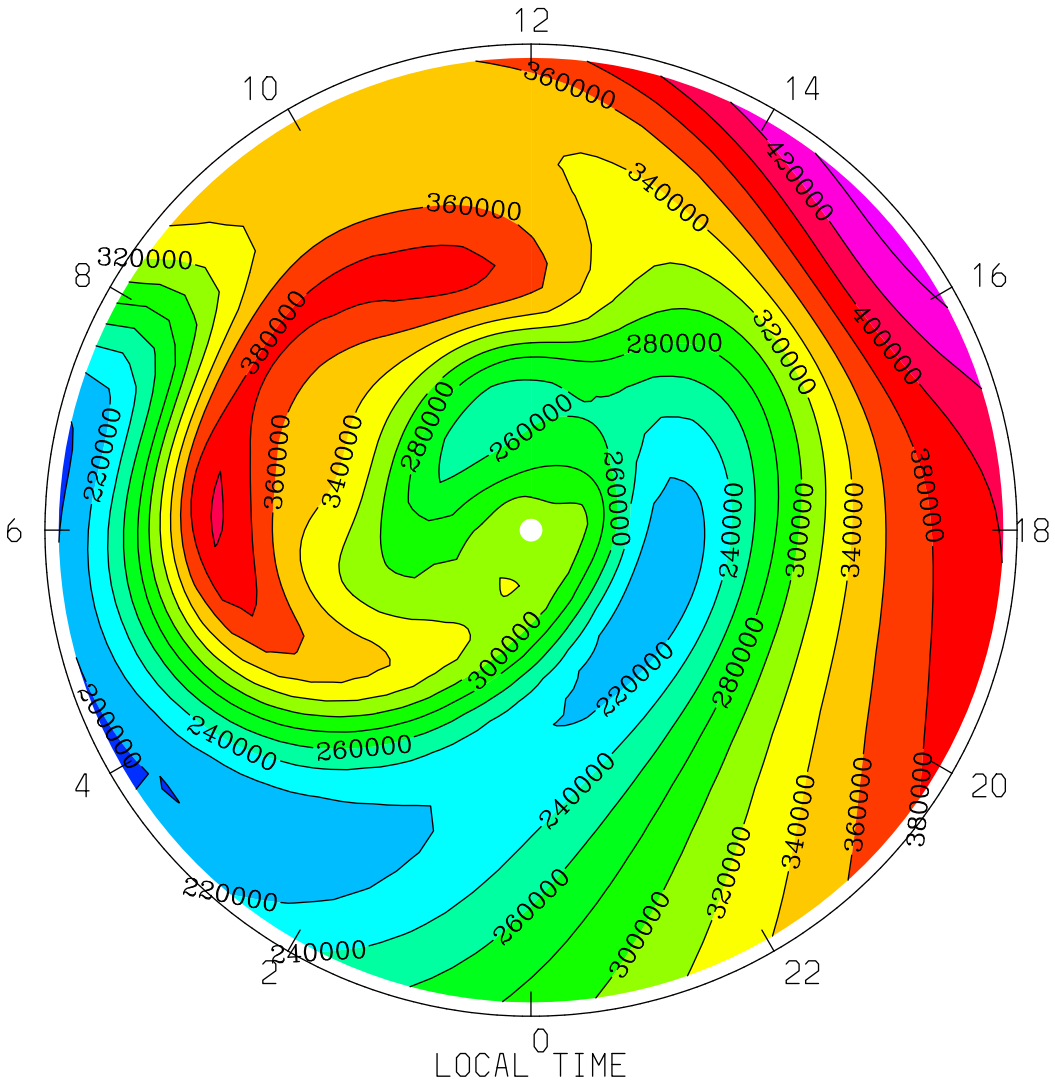
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.8865E+05 3.8418E+06 INTERVAL= 2.5000E+05

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

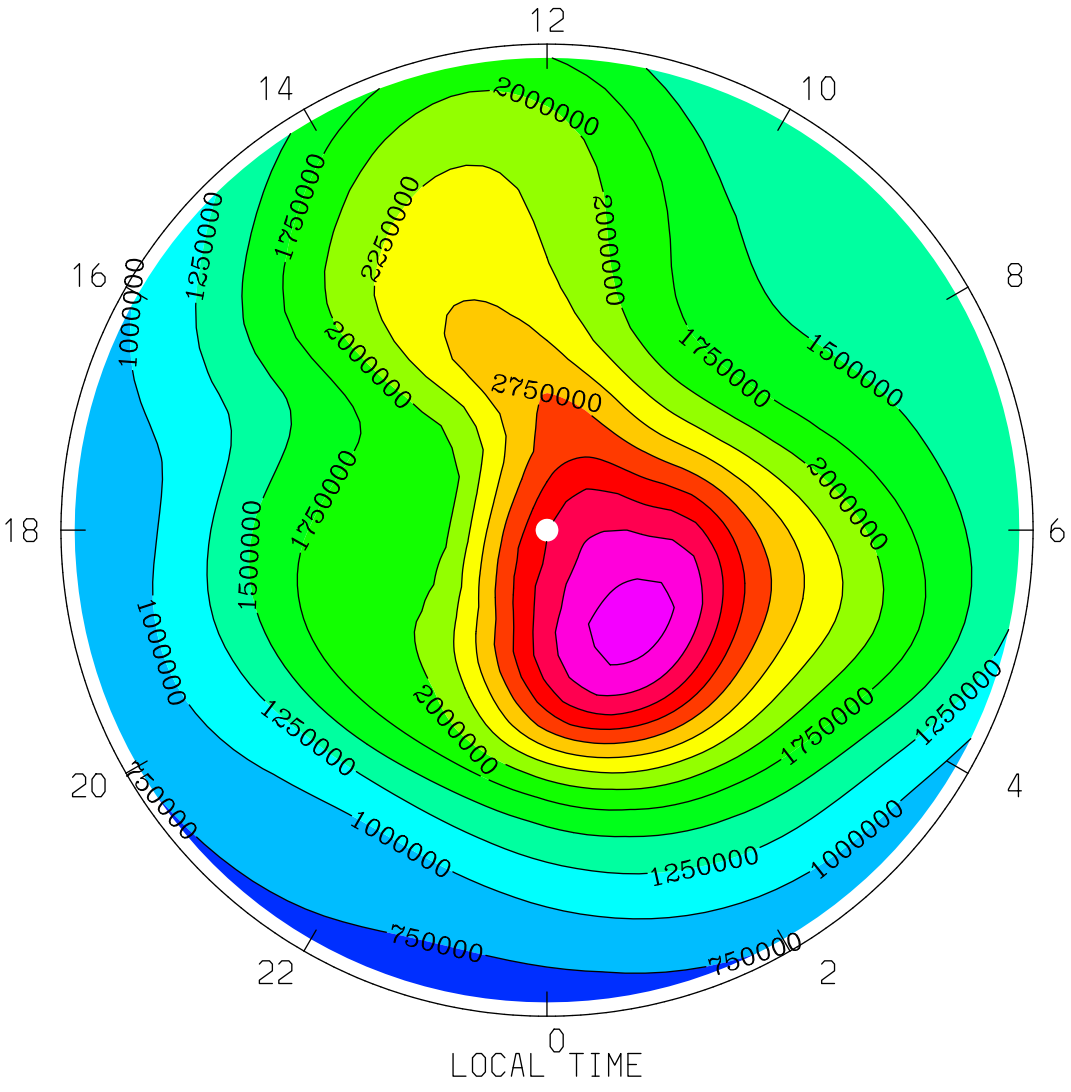
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

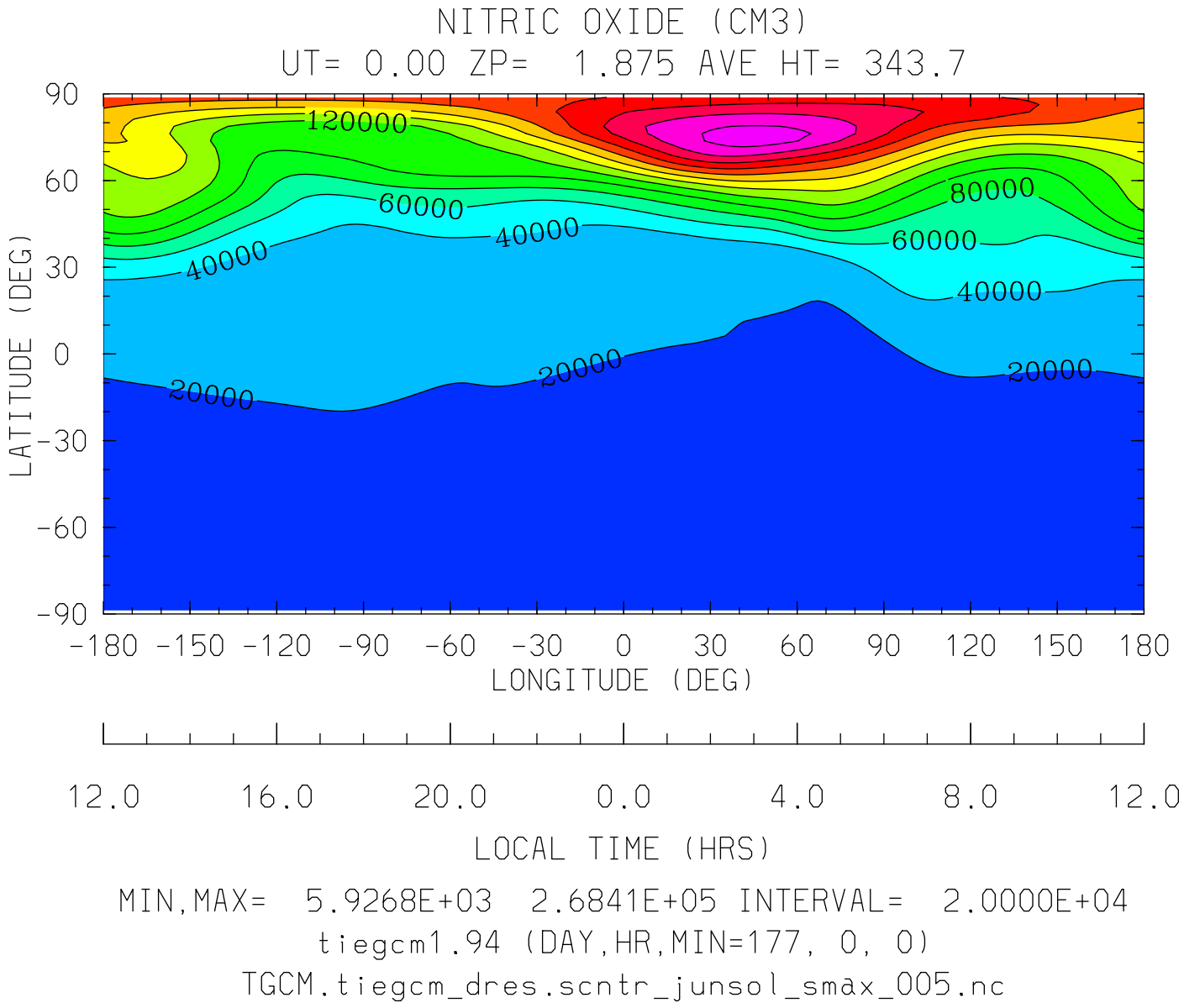


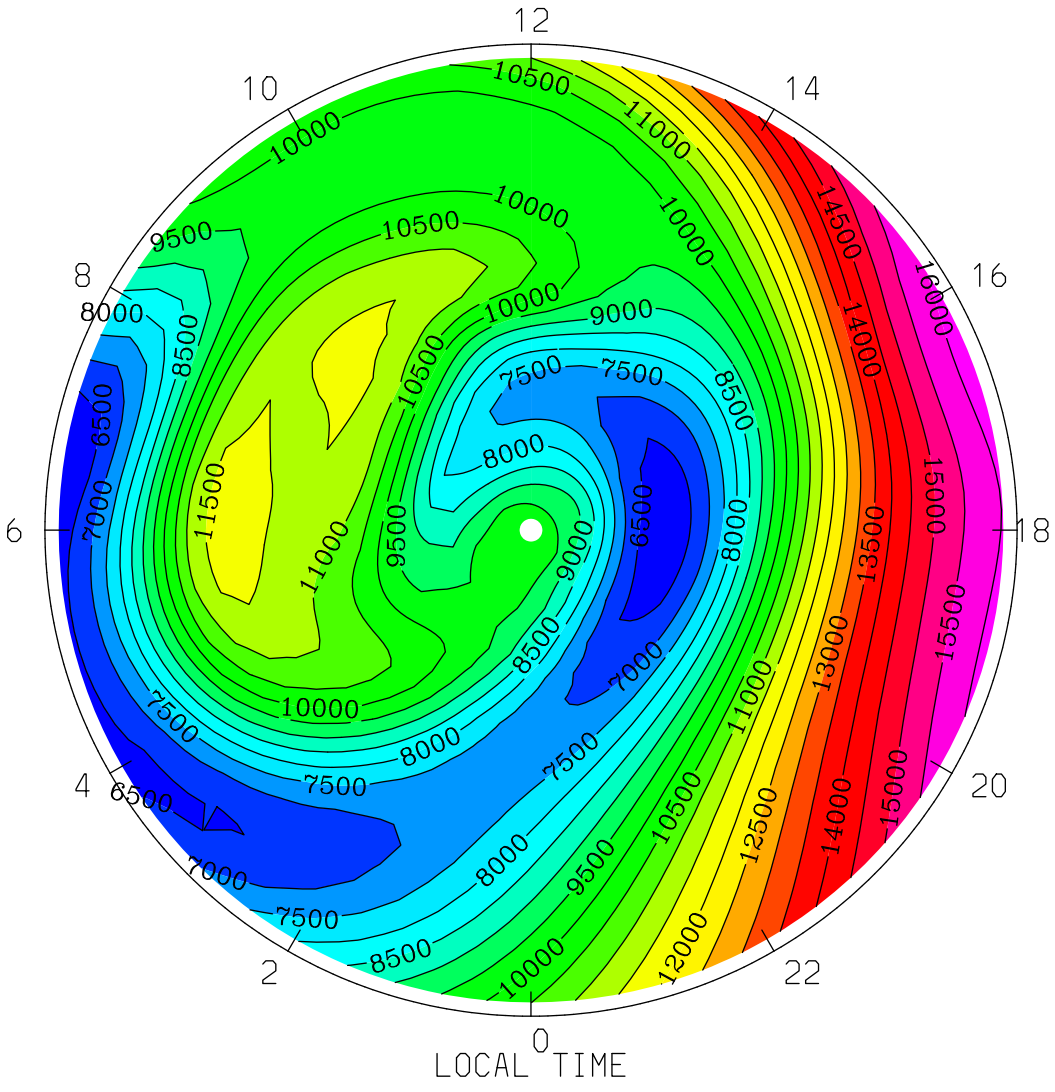
MIN,MAX= 1.9611E+05 4.4834E+05 INTERVAL= 2.0000E+04

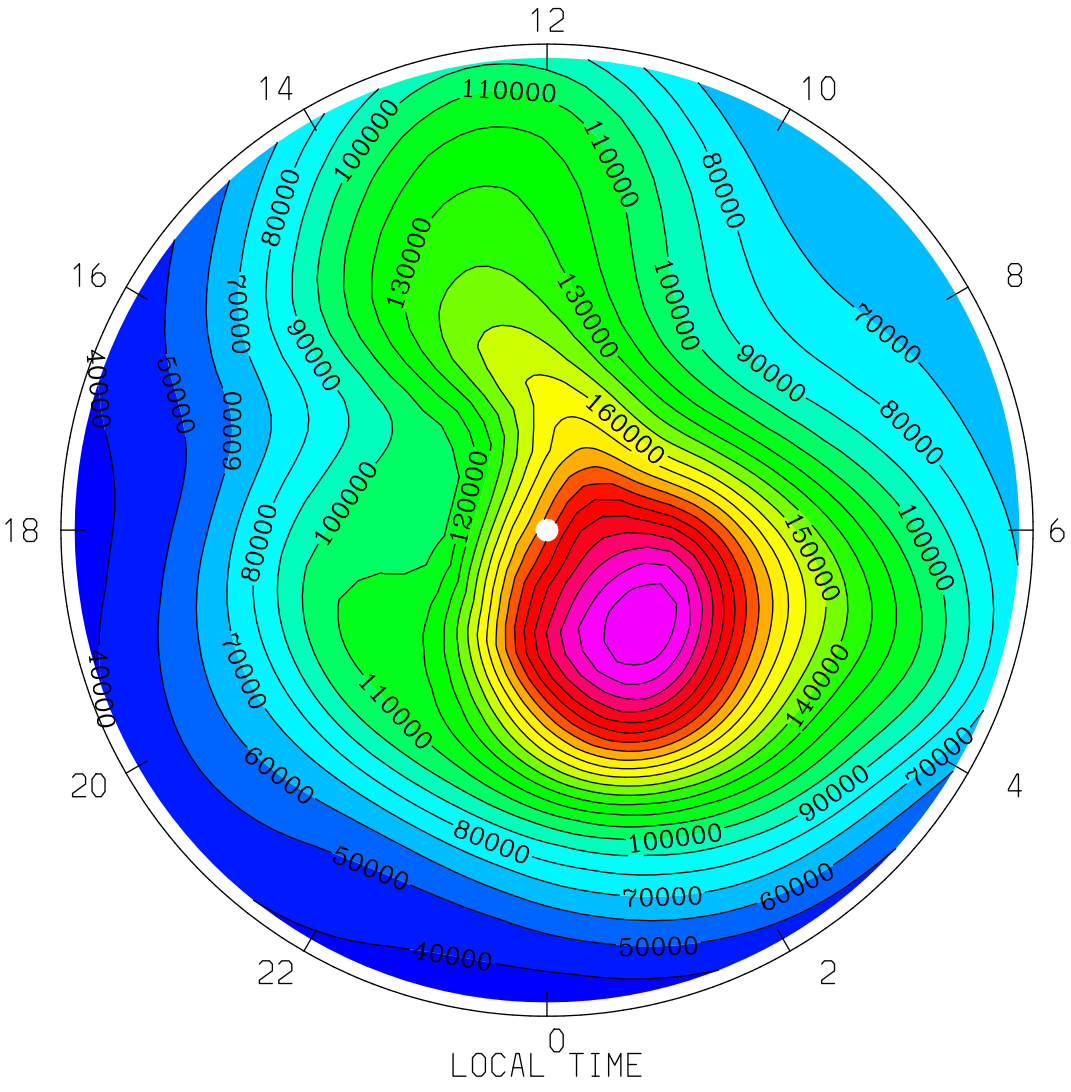
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

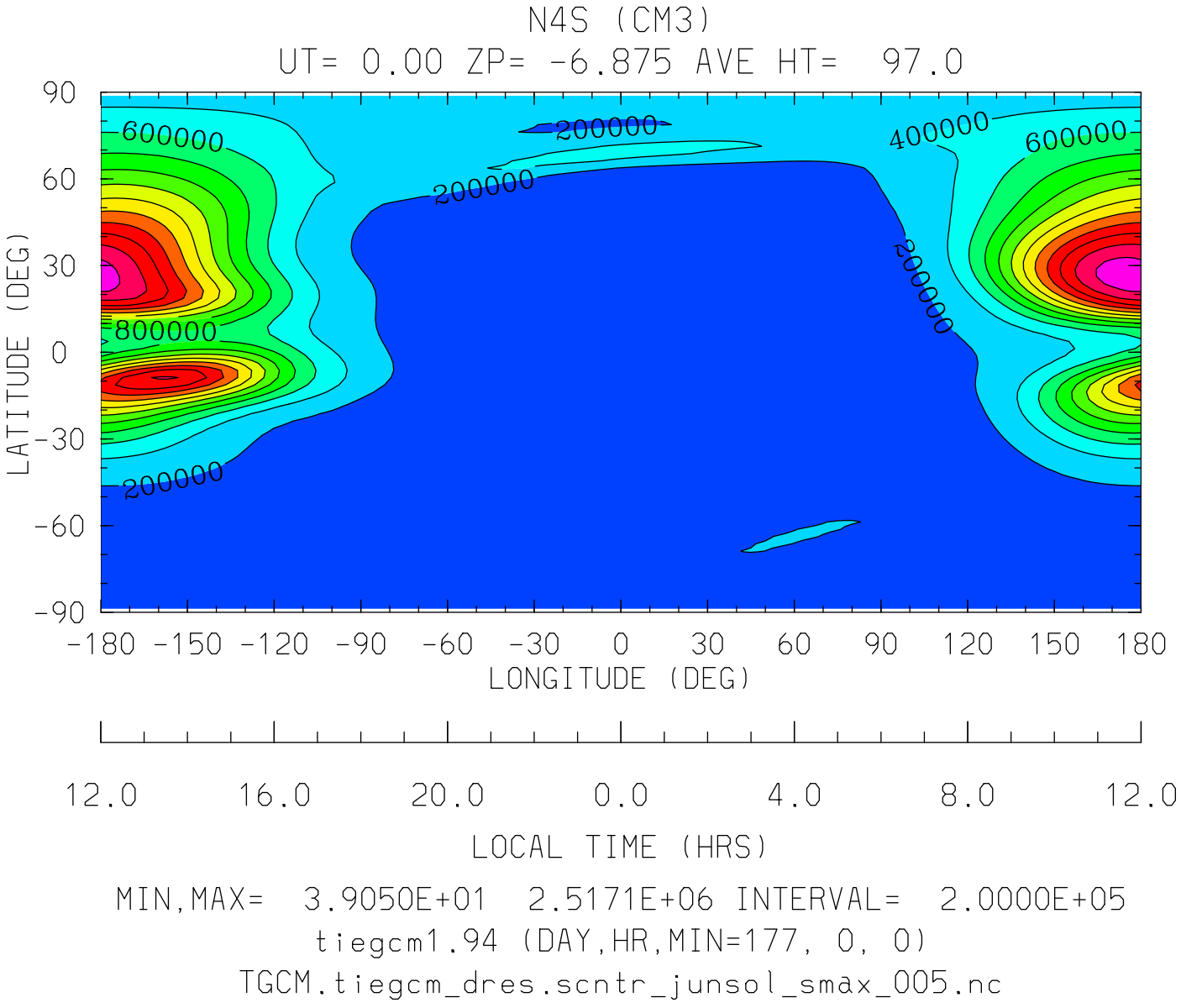
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NITRIC OXIDE (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 233.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
2750000
2250000
2000000
1750000
1500000
1250000
1000000
750000
LOCAL TIME
MIN,MAX= 6.6844E+05 3.8418E+06 INTERVAL= 2.5000E+05
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NITRIC OXIDE (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 343.7
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
120000
80000
60000
40000
20000
-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= 5.9268E+03 2.6841E+05 INTERVAL= 2.0000E+04
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


NITRIC OXIDE (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 343.7 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 6.0511E+03 1.6237E+04 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

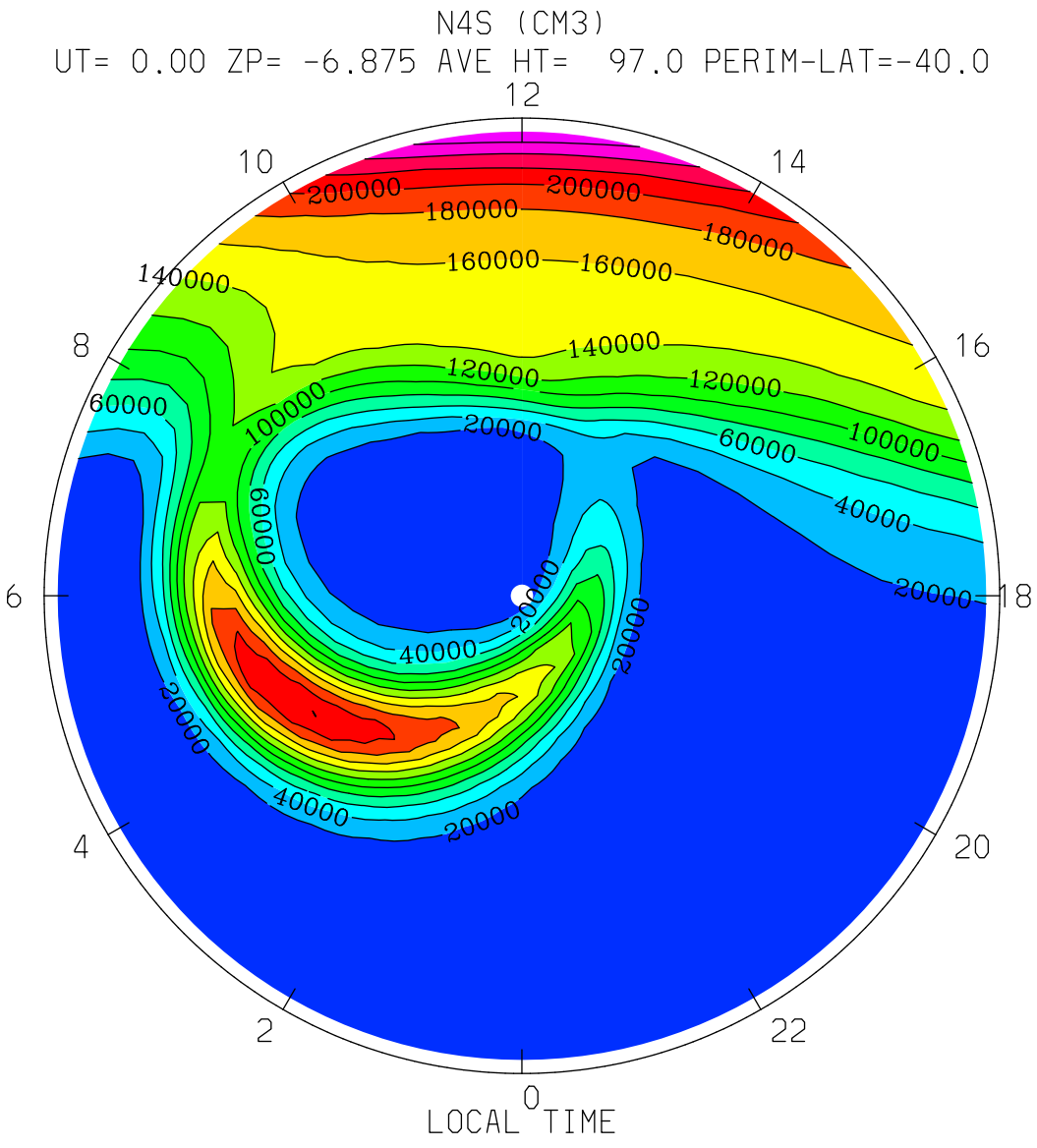

NITRIC OXIDE (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 343.7 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
110000
100000
80000
70000
130000
90000
60000
50000
40000
160000
120000
150000
140000
LOCAL TIME
MIN,MAX= 3.5290E+04 2.6841E+05 INTERVAL= 1.0000E+04
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

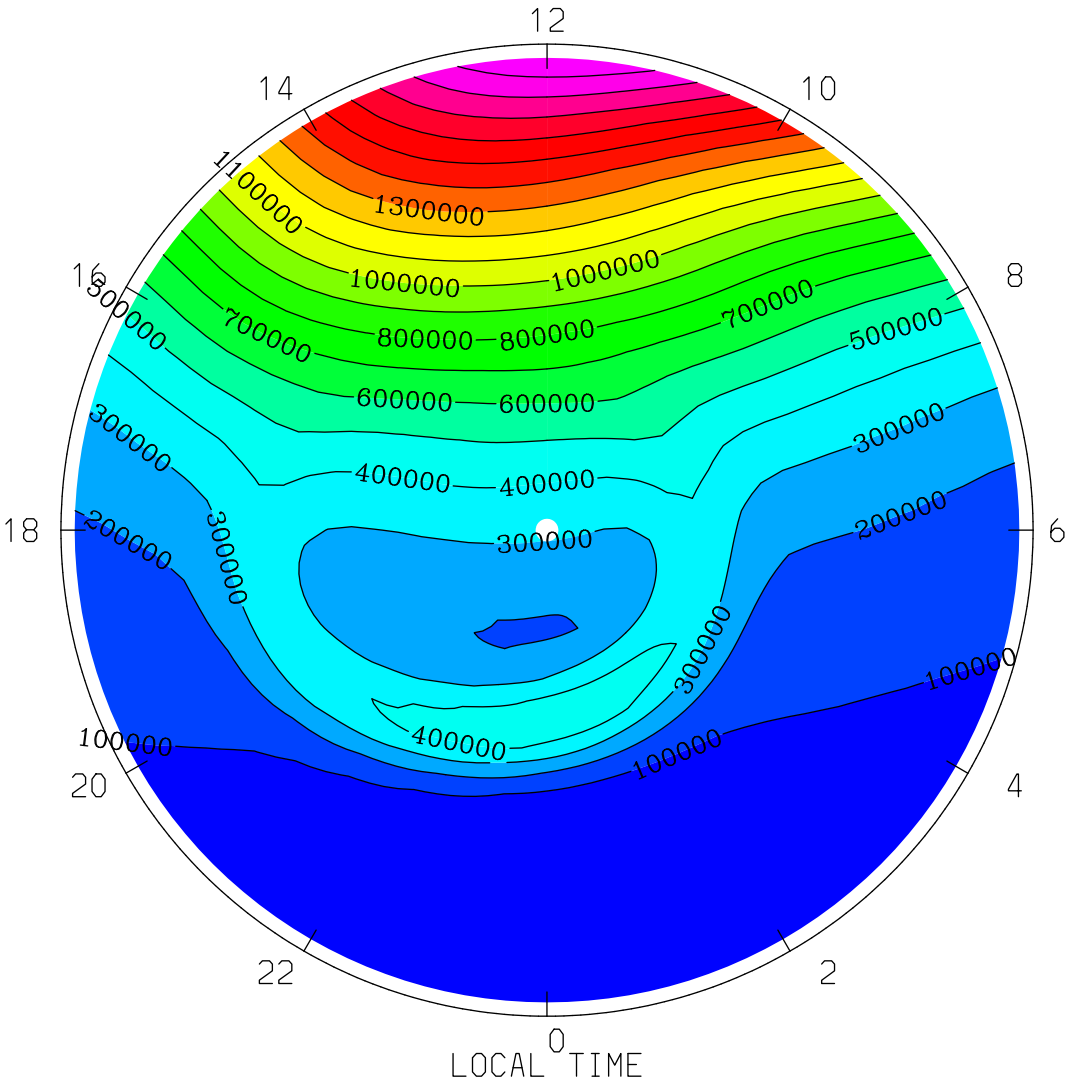


MIN,MAX= 3.9050E+01 2.5171E+06 INTERVAL= 2.0000E+05

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

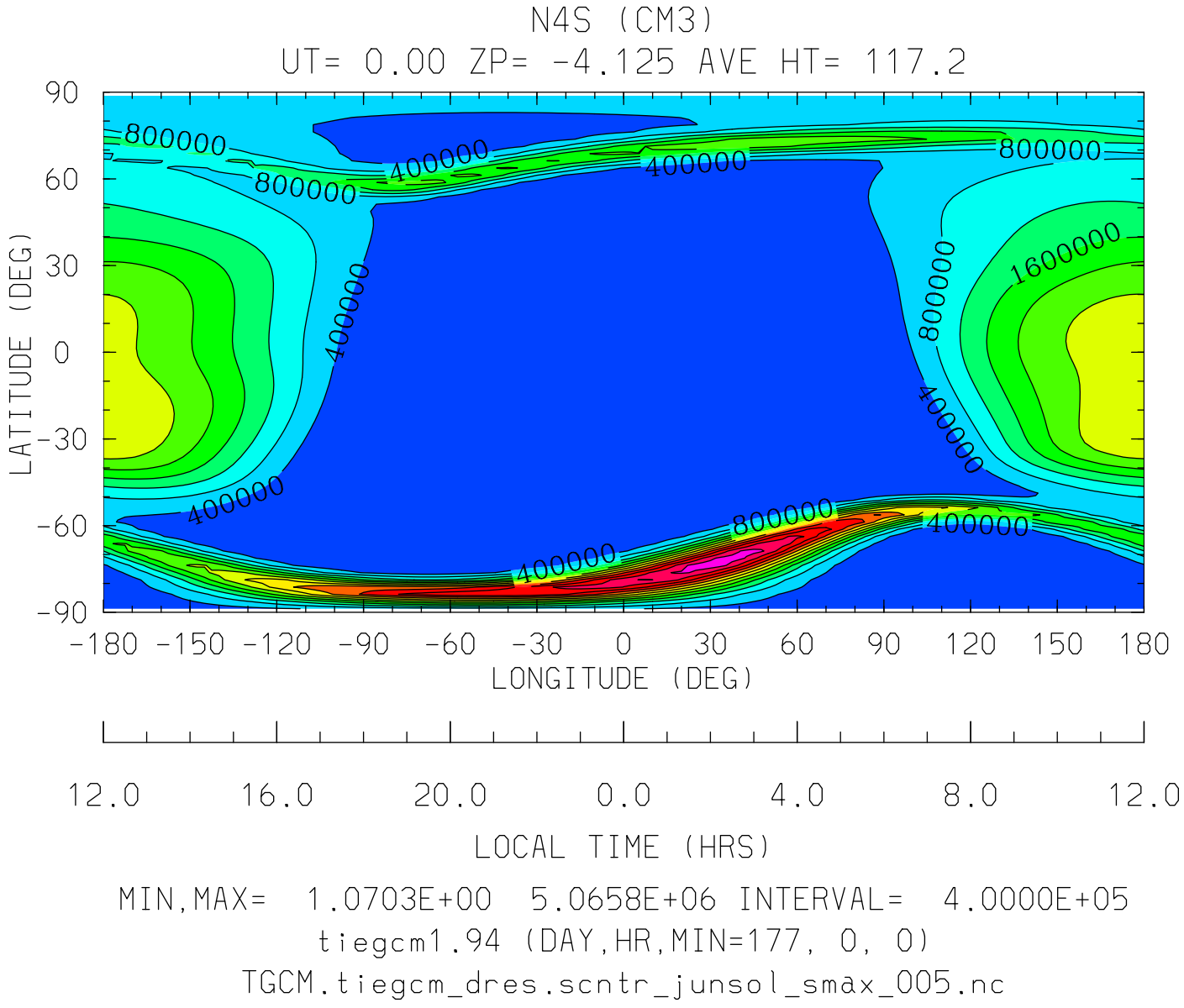

N4S (CM3)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
200000
180000
160000
140000
120000
100000
60000
40000
20000
MIN,MAX= 3.9366E+01 2.7833E+05 INTERVAL= 2.0000E+04
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 3.9050E+01 1.9952E+06 INTERVAL= 1.0000E+05

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

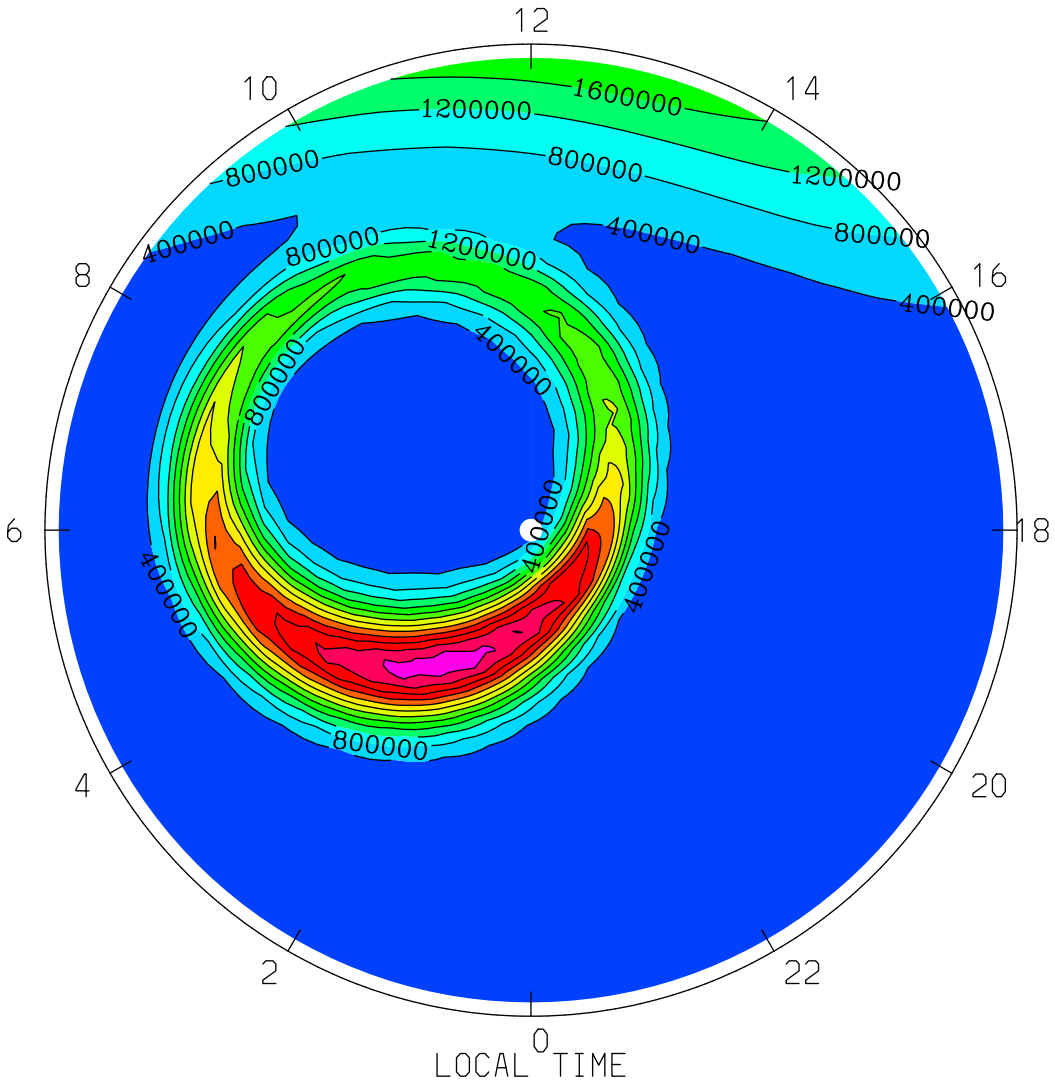
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.0703E+00 5.0658E+06 INTERVAL= 4.0000E+05

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

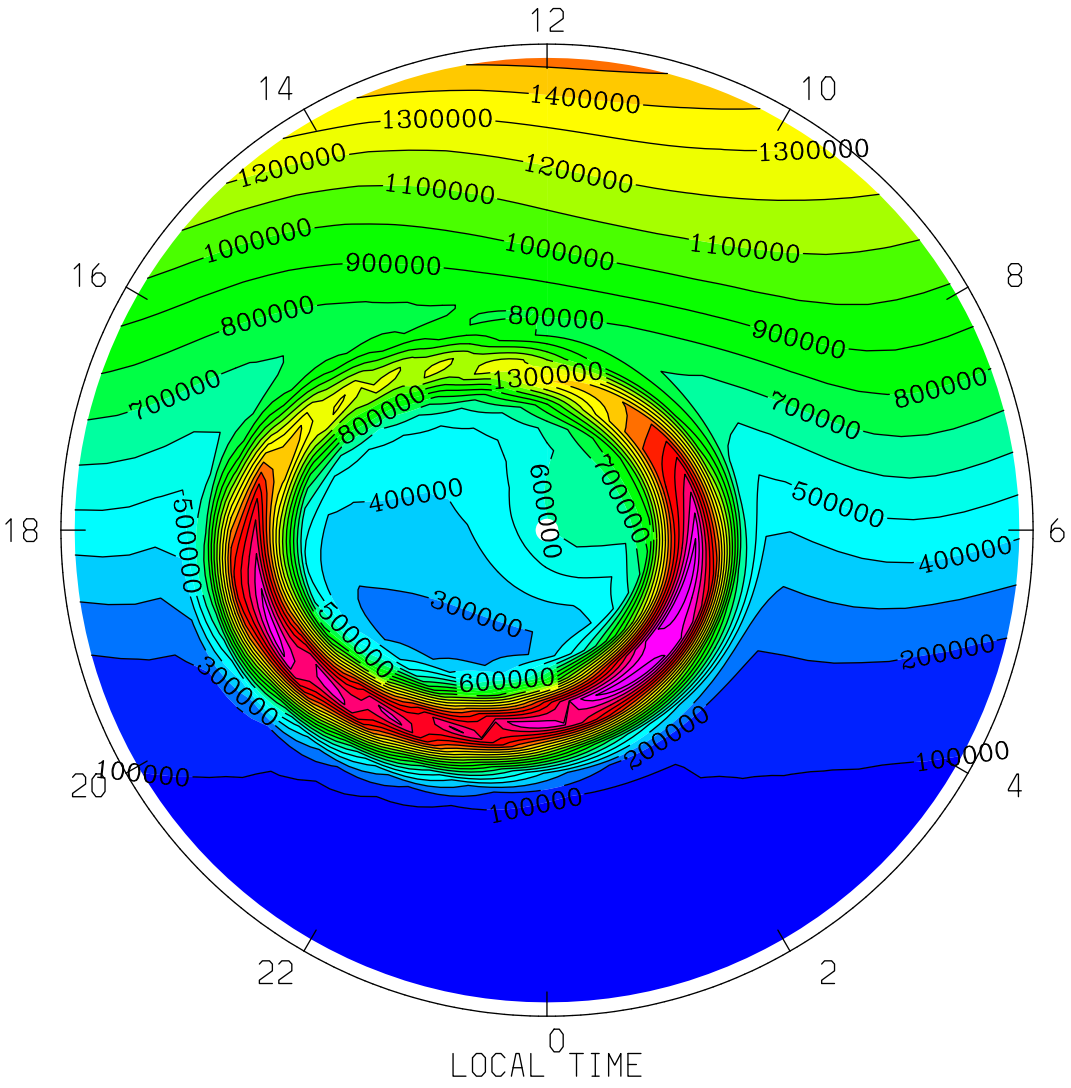
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

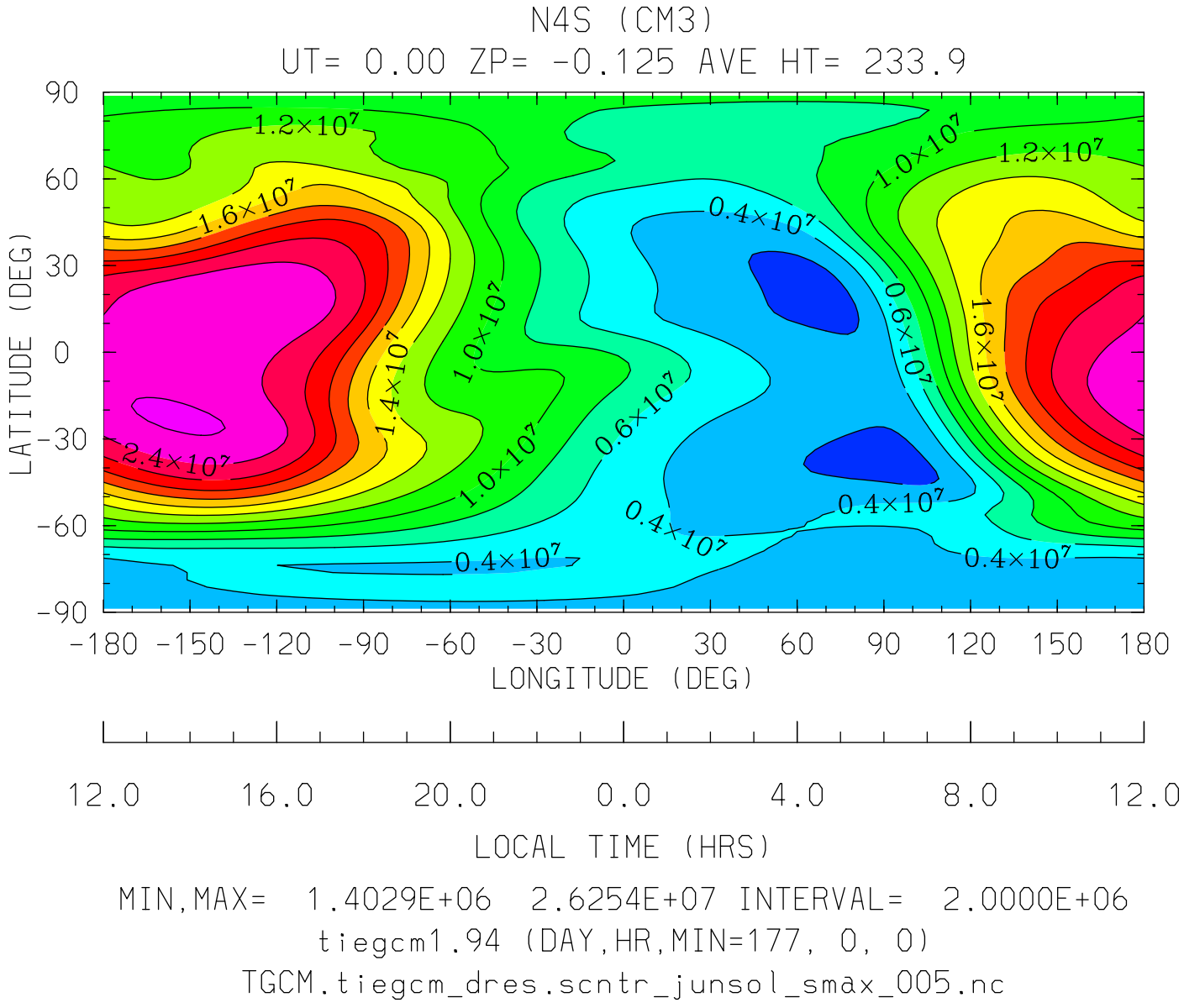


MIN,MAX= 1.1037E+00 5.0658E+06 INTERVAL= 4.0000E+05

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

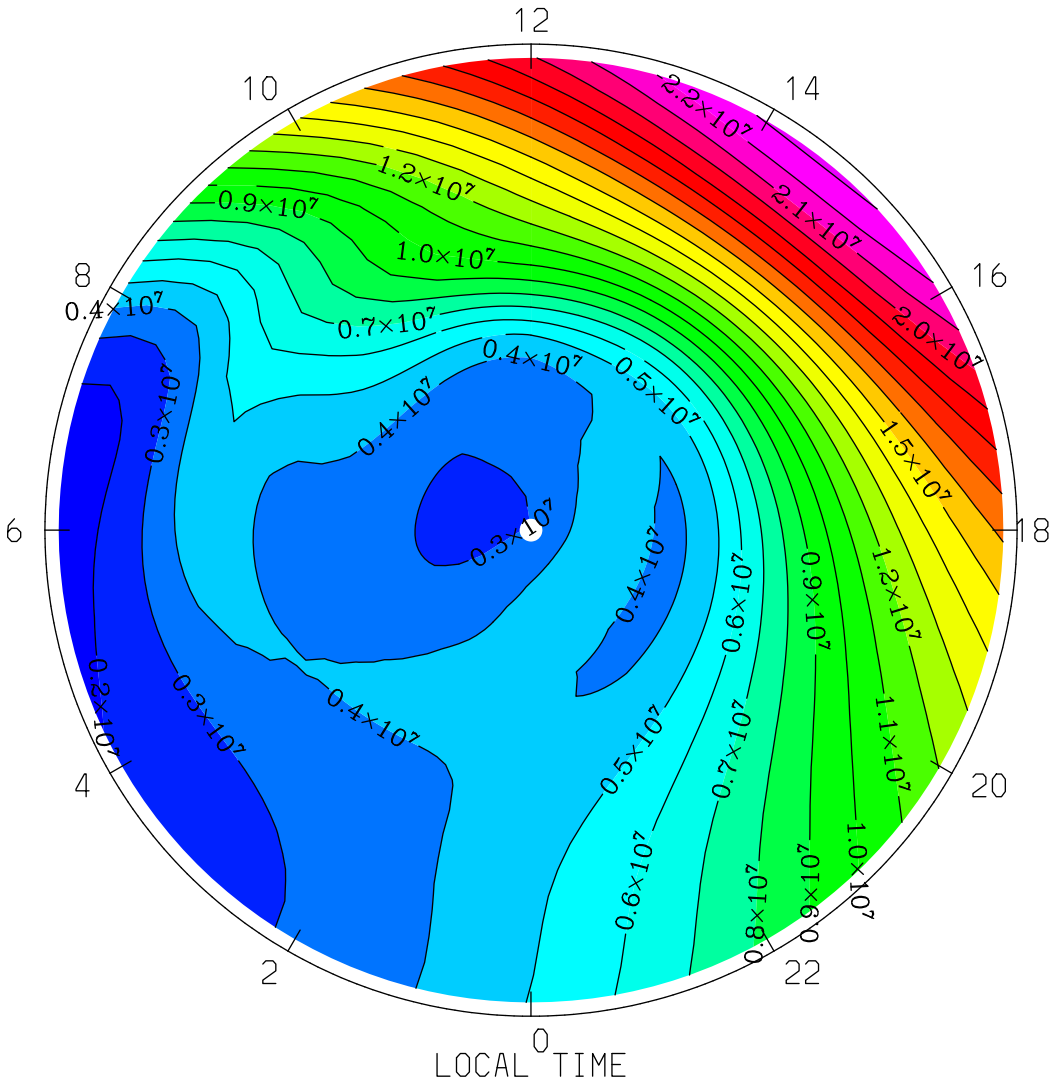

N4S (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
1400000
1300000
1200000
1100000
1000000
900000
800000
700000
600000
500000
400000
300000
200000
100000
LOCAL TIME
MIN,MAX= 1.0703E+00 2.2967E+06 INTERVAL= 1.0000E+05
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.4029E+06 2.6254E+07 INTERVAL= 2.0000E+06

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

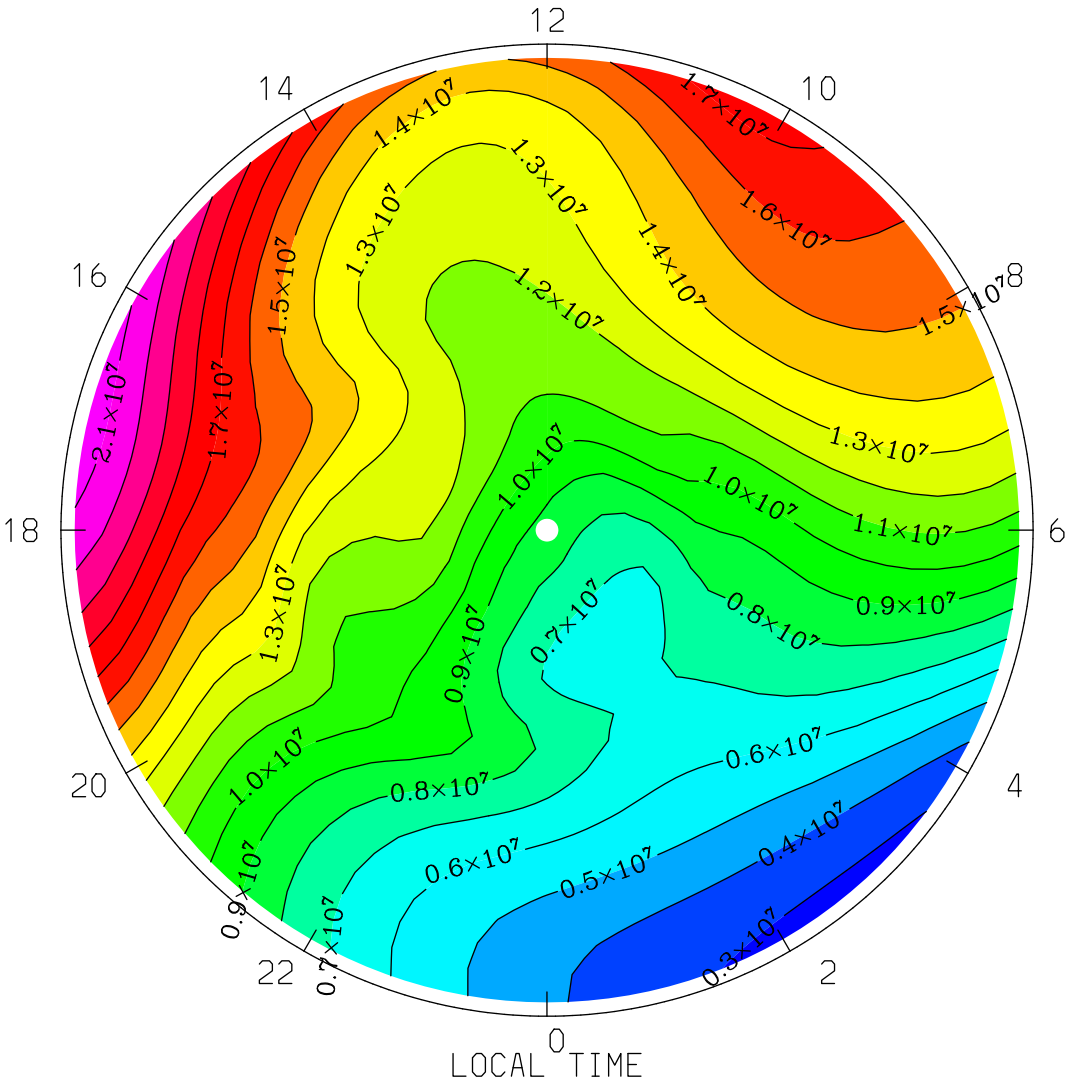
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.4727E+06 2.3226E+07 INTERVAL= 1.0000E+06

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

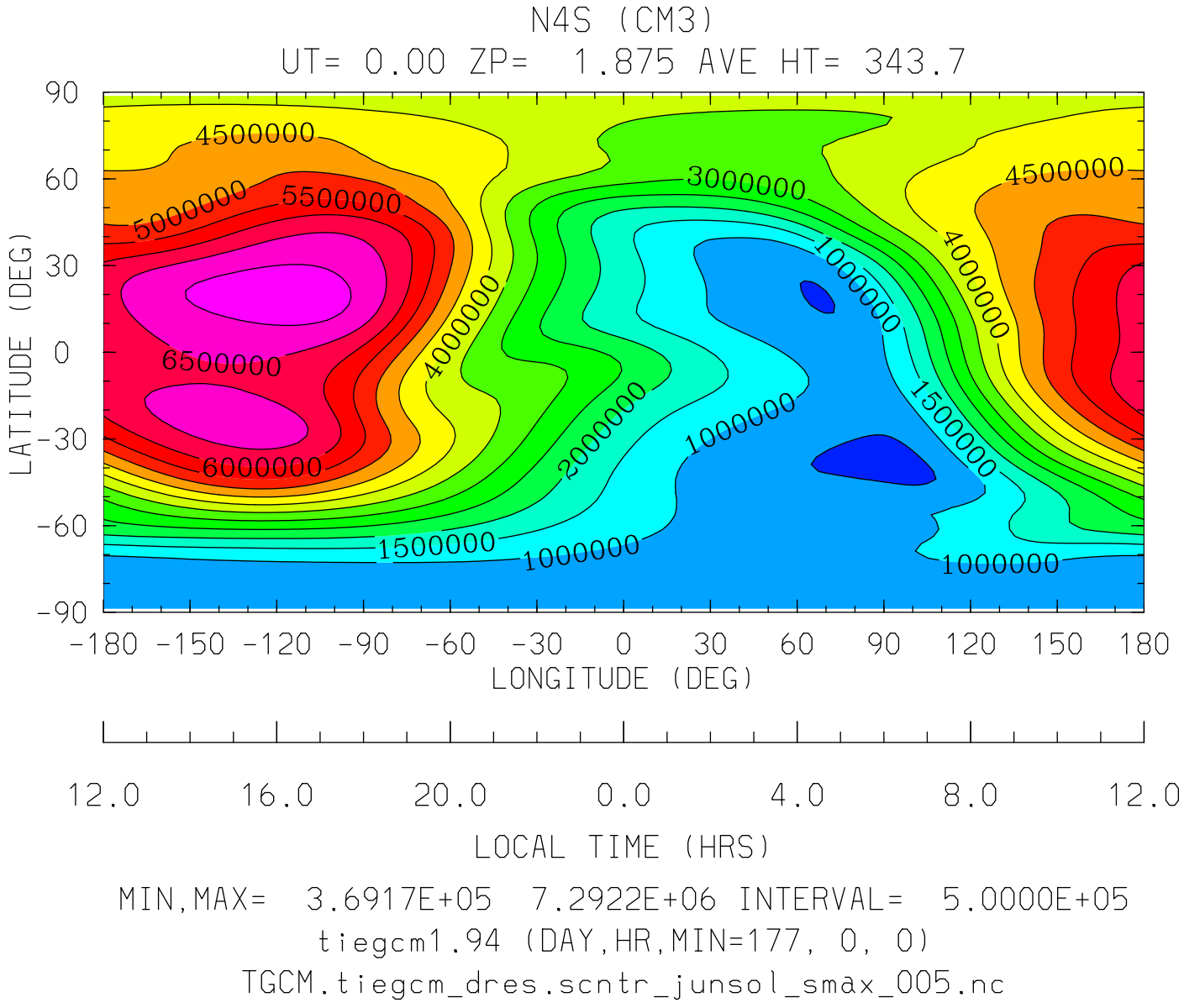
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 2.7052E+06 2.1548E+07 INTERVAL= 1.0000E+06

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

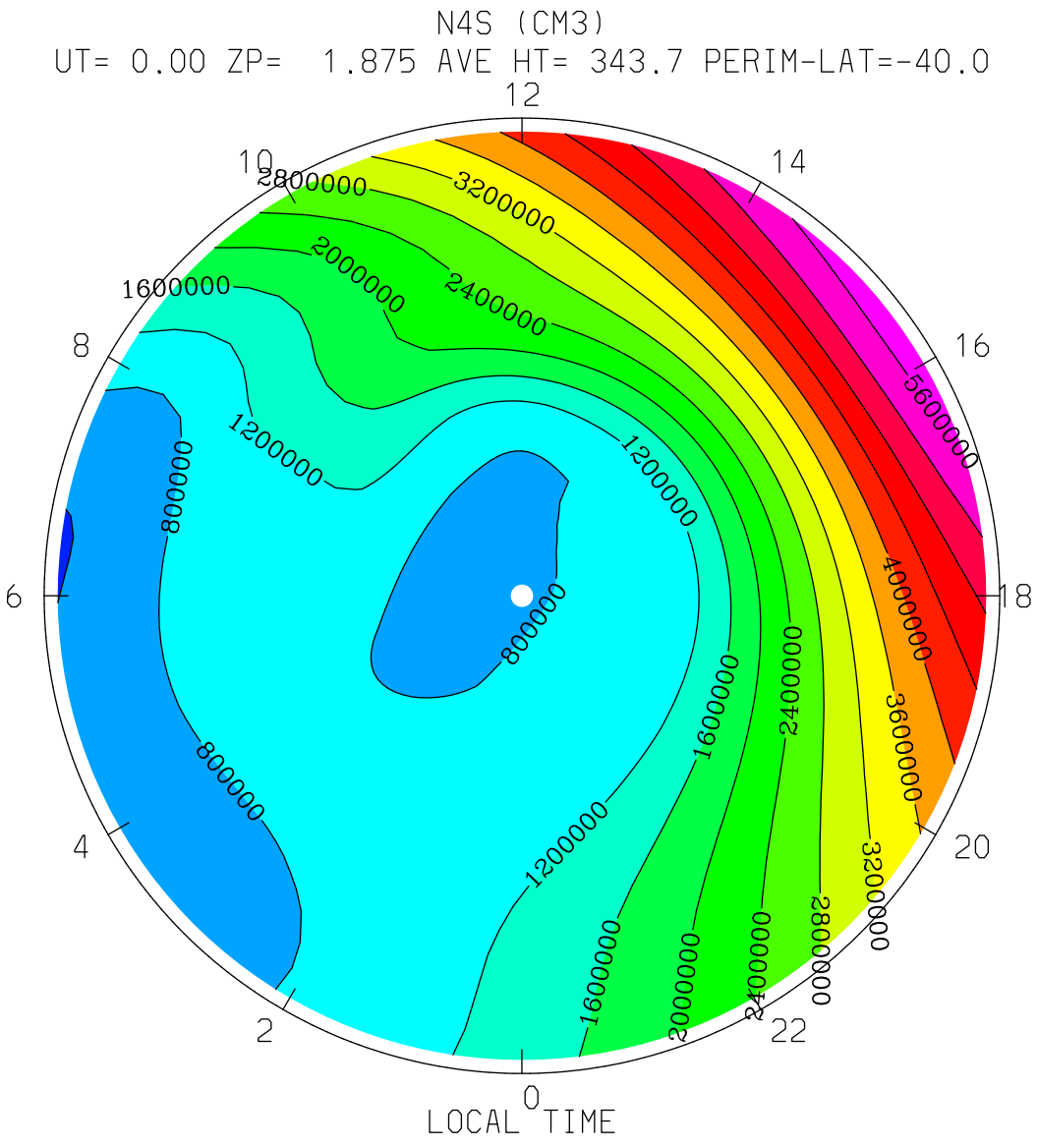
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

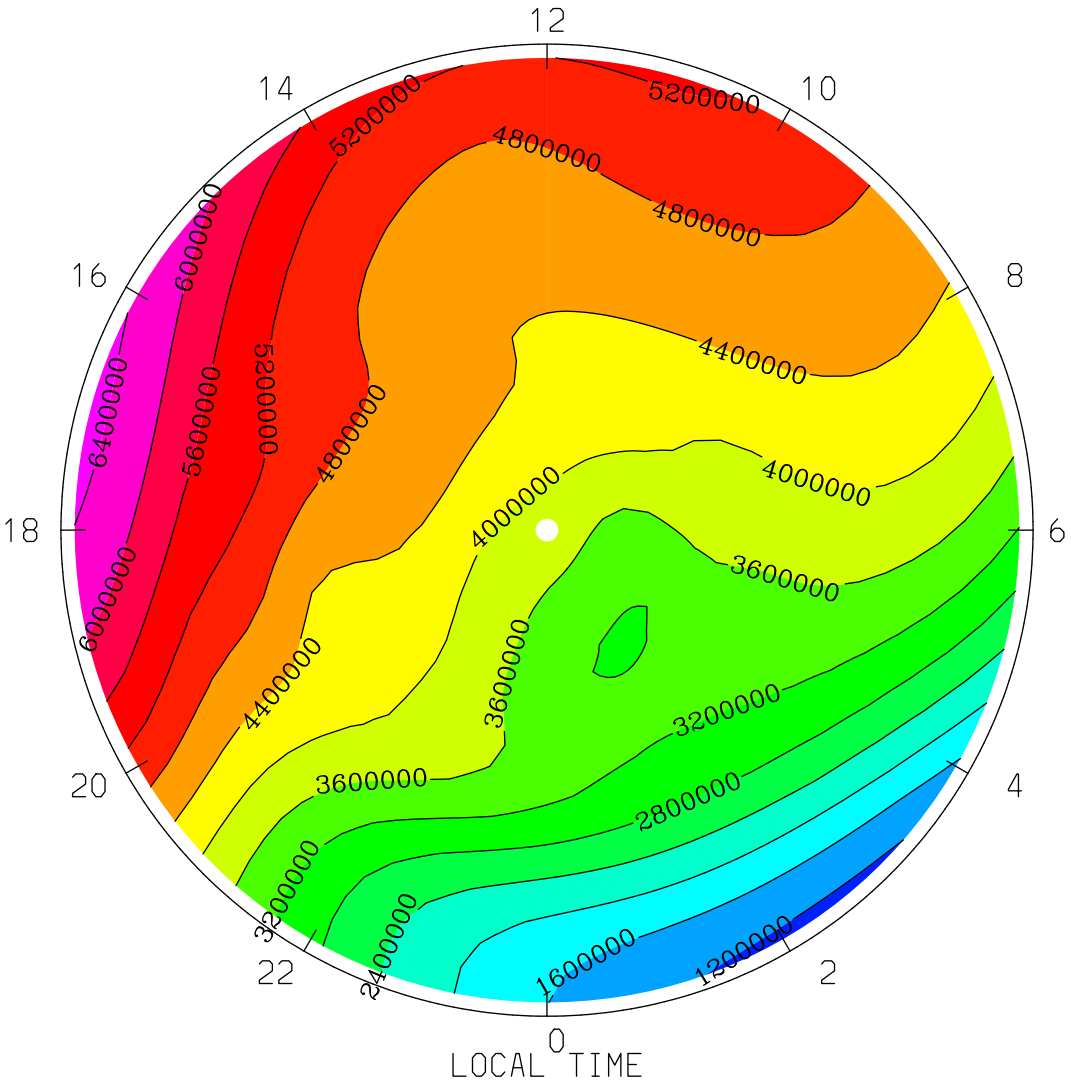


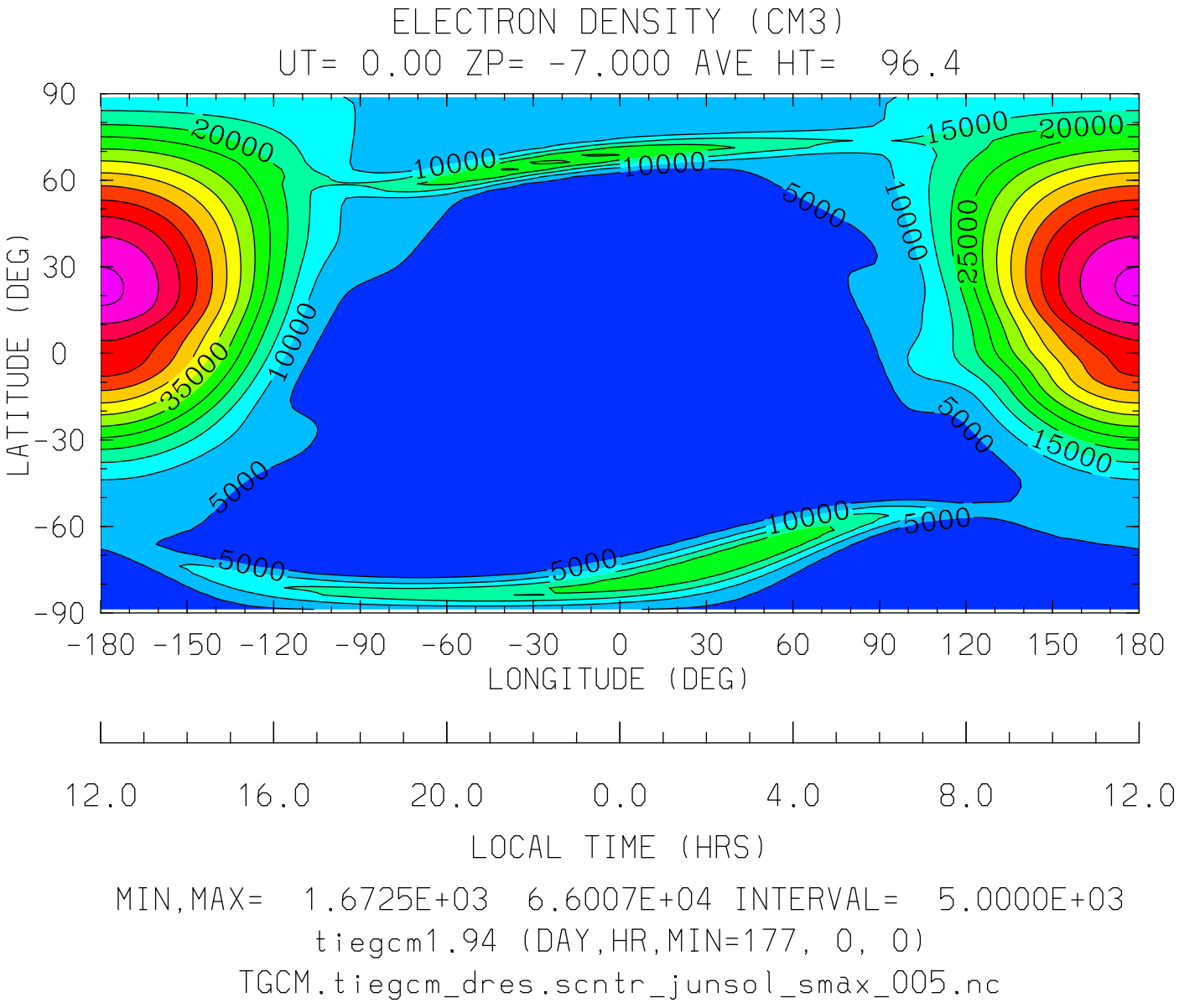
MIN,MAX= 3.6917E+05 7.2922E+06 INTERVAL= 5.0000E+05

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


N4S (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 343.7 PERIM-LAT=-40.0
12
14
16
18
20
22
0
2
4
6
8
10
2800000
3200000
2000000
2400000
1600000
5600000
4000000
3600000
1200000
800000
LOCAL TIME
MIN,MAX= 3.8079E+05 5.8461E+06 INTERVAL= 4.0000E+05
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

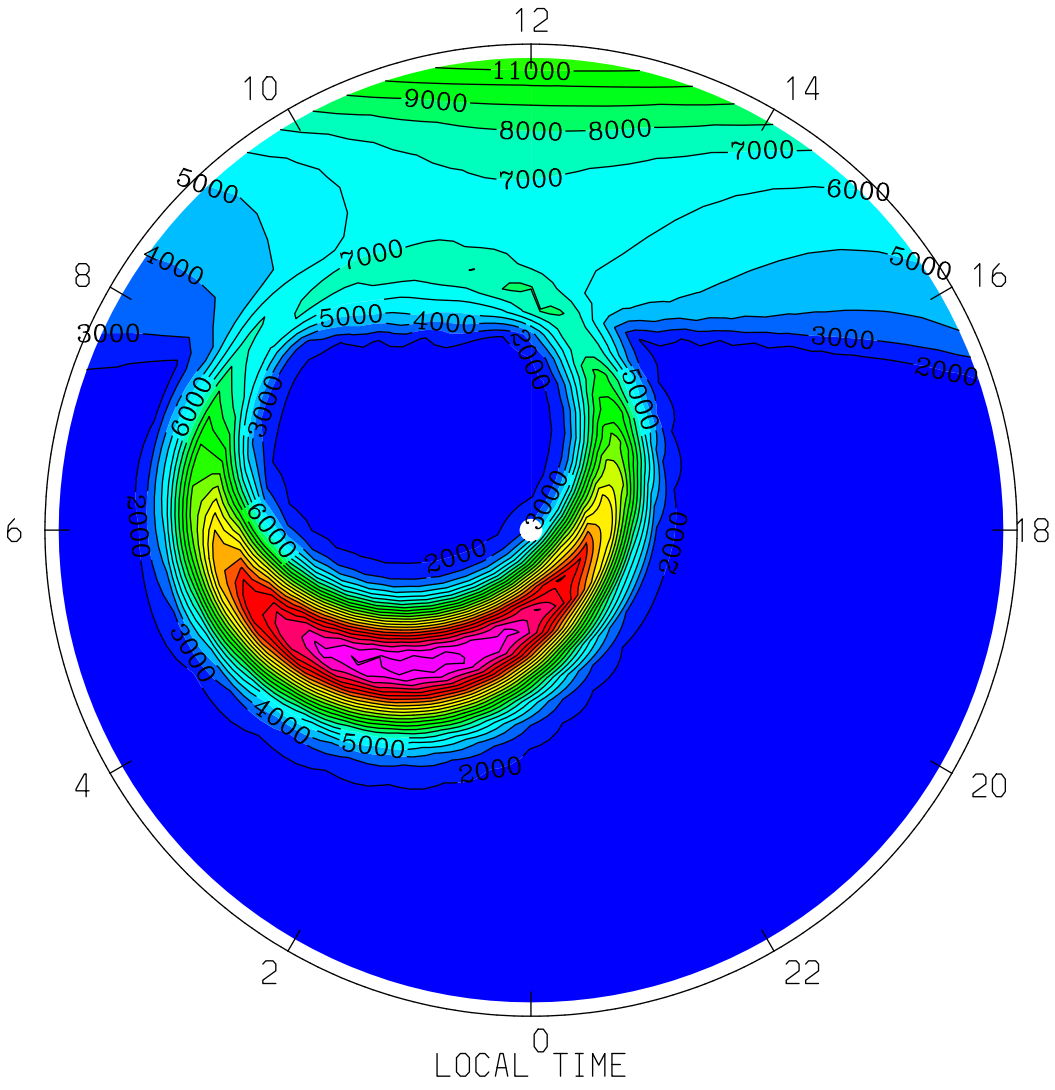

N4S (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 343.7 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
5200000
4800000
4400000
4000000
3600000
3200000
2800000
2400000
2000000
1600000
1200000
6000000
5600000
6400000
LOCAL TIME
MIN,MAX= 1.1072E+06 6.5105E+06 INTERVAL= 4.0000E+05
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

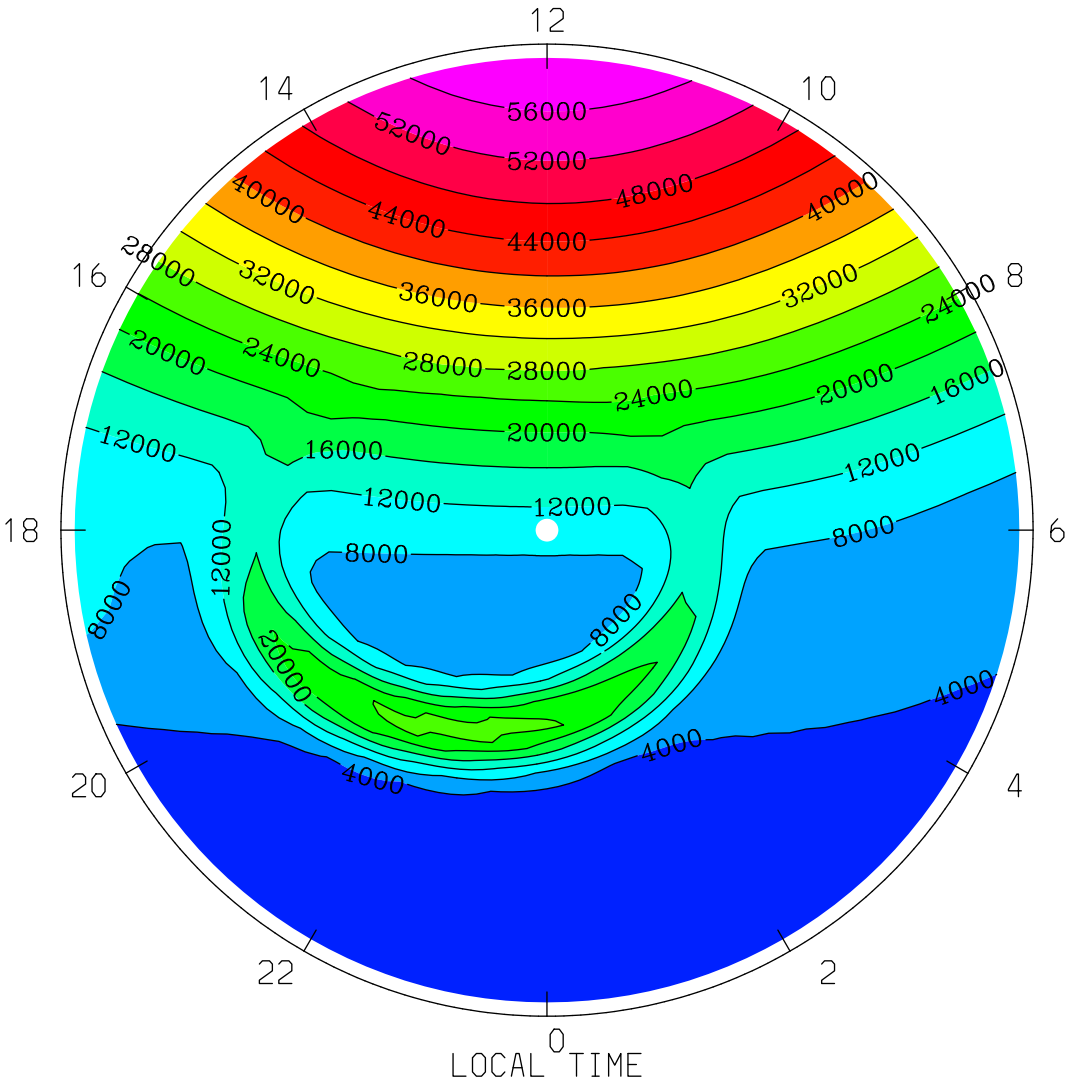


MIN,MAX= 1.6725E+03 6.6007E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

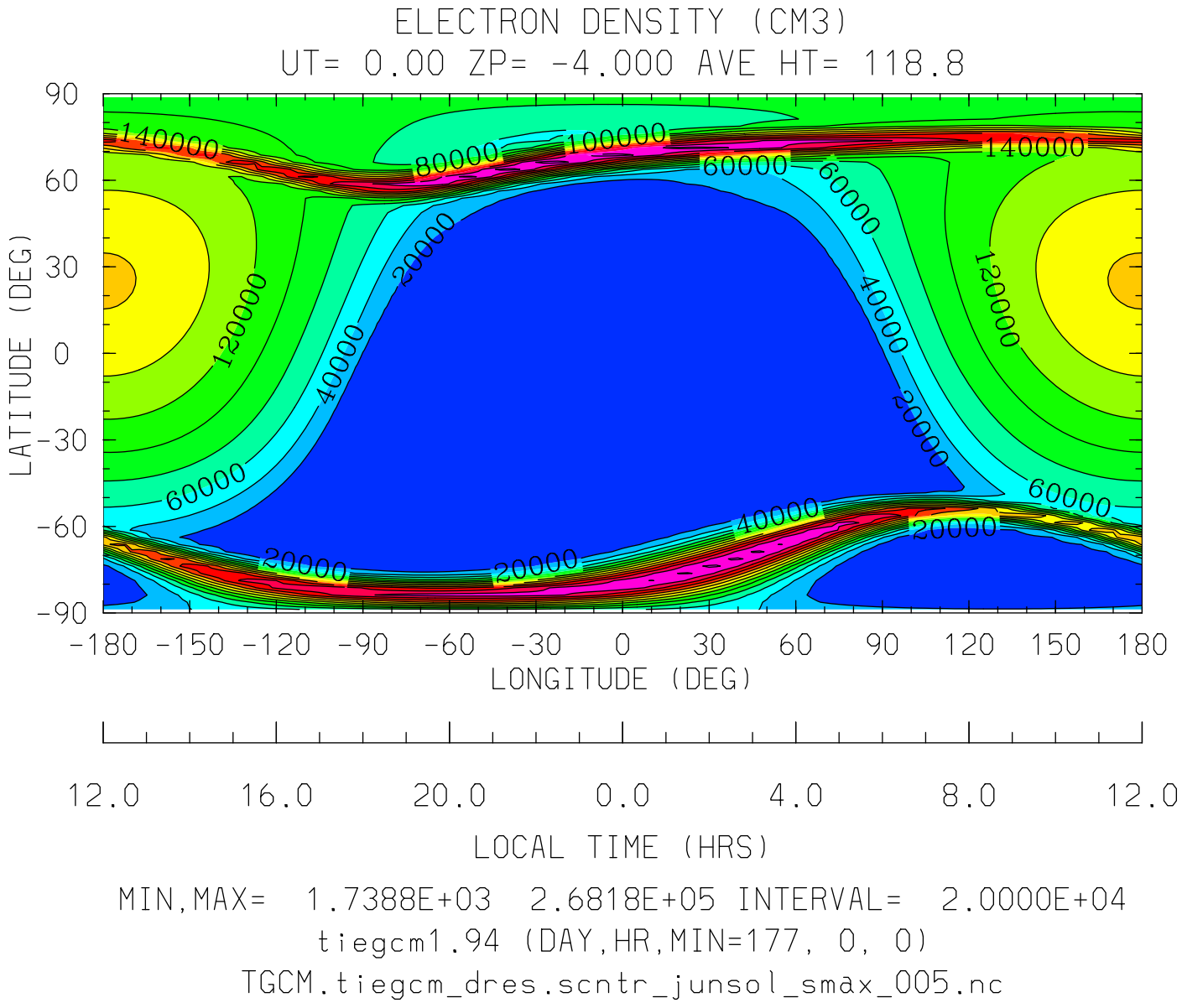

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
11000
9000
8000
7000
6000
5000
4000
3000
2000
MIN,MAX= 1.6725E+03 2.4598E+04 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.6754E+03 5.9610E+04 INTERVAL= 4.0000E+03

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

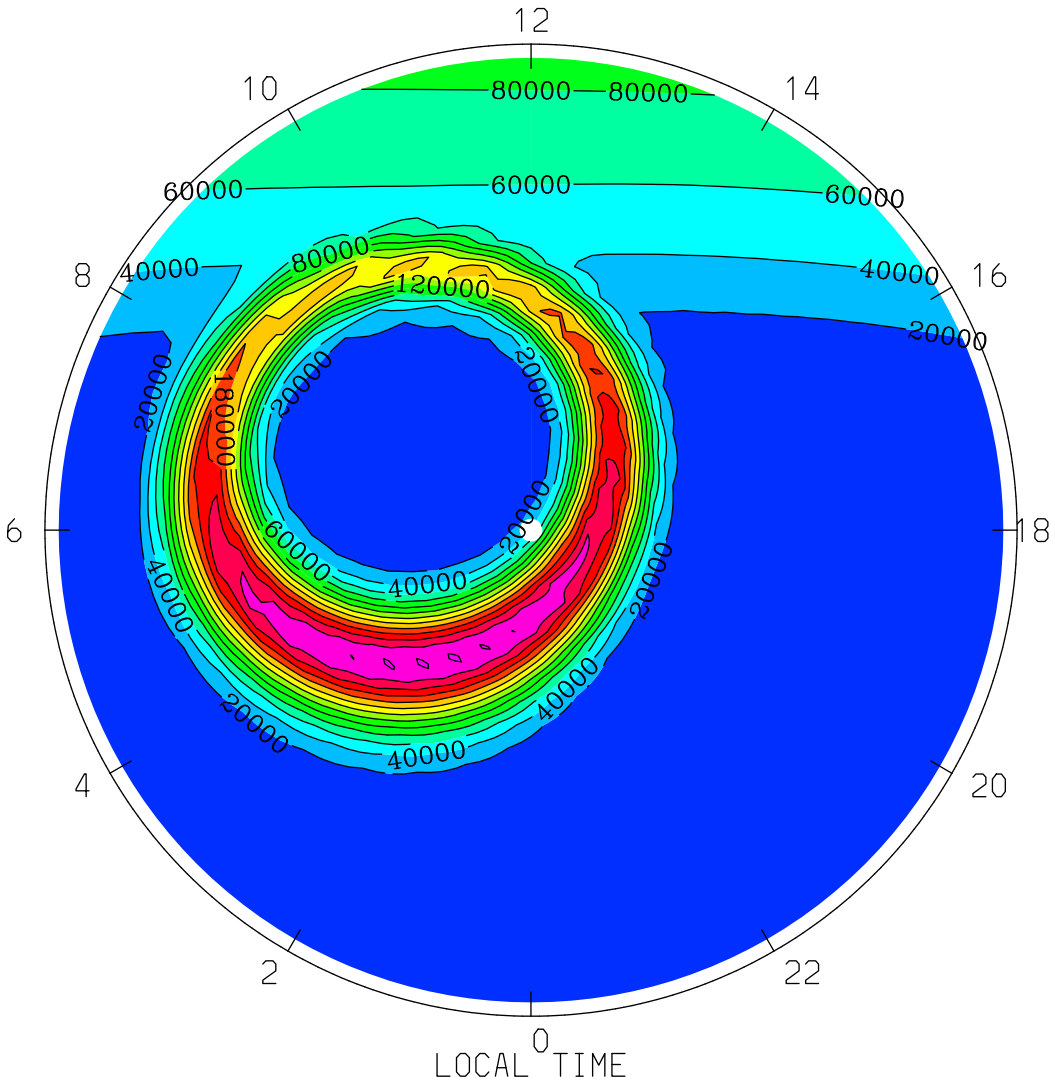
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

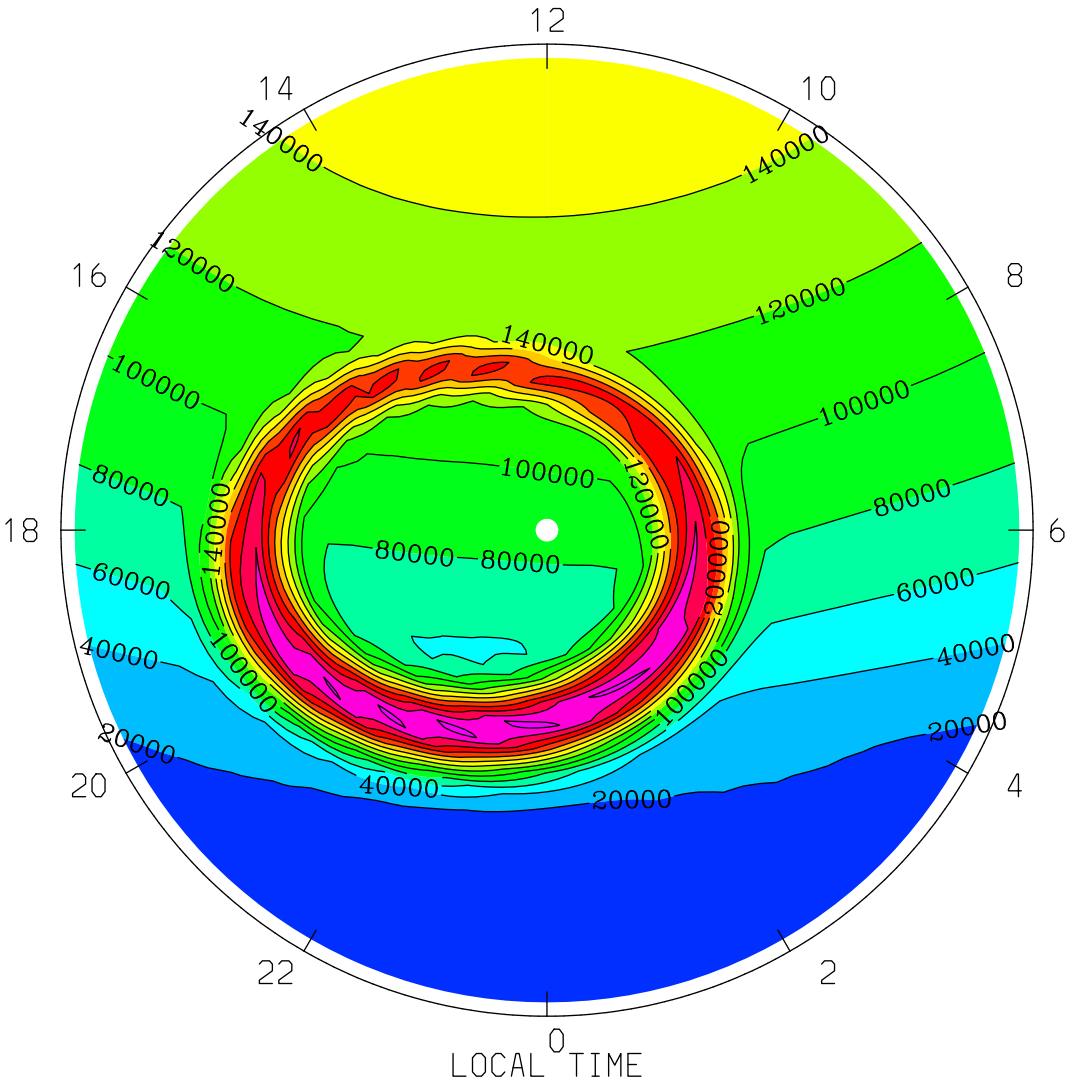


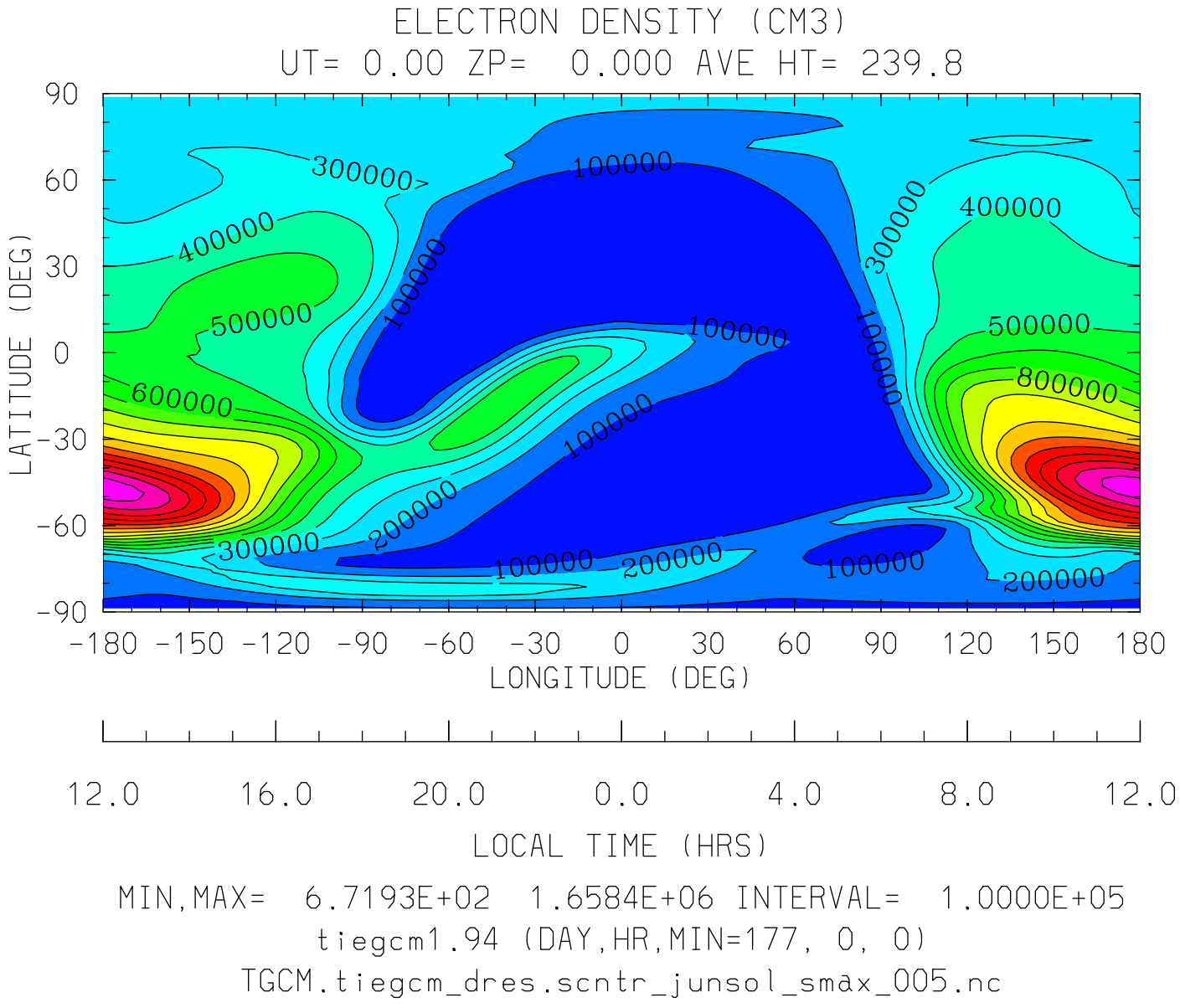
MIN,MAX= 1.7388E+03 2.6818E+05 INTERVAL= 2.0000E+04

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
80000
60000
40000
20000
120000
MIN,MAX= 1.7489E+03 2.6244E+05 INTERVAL= 2.0000E+04
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

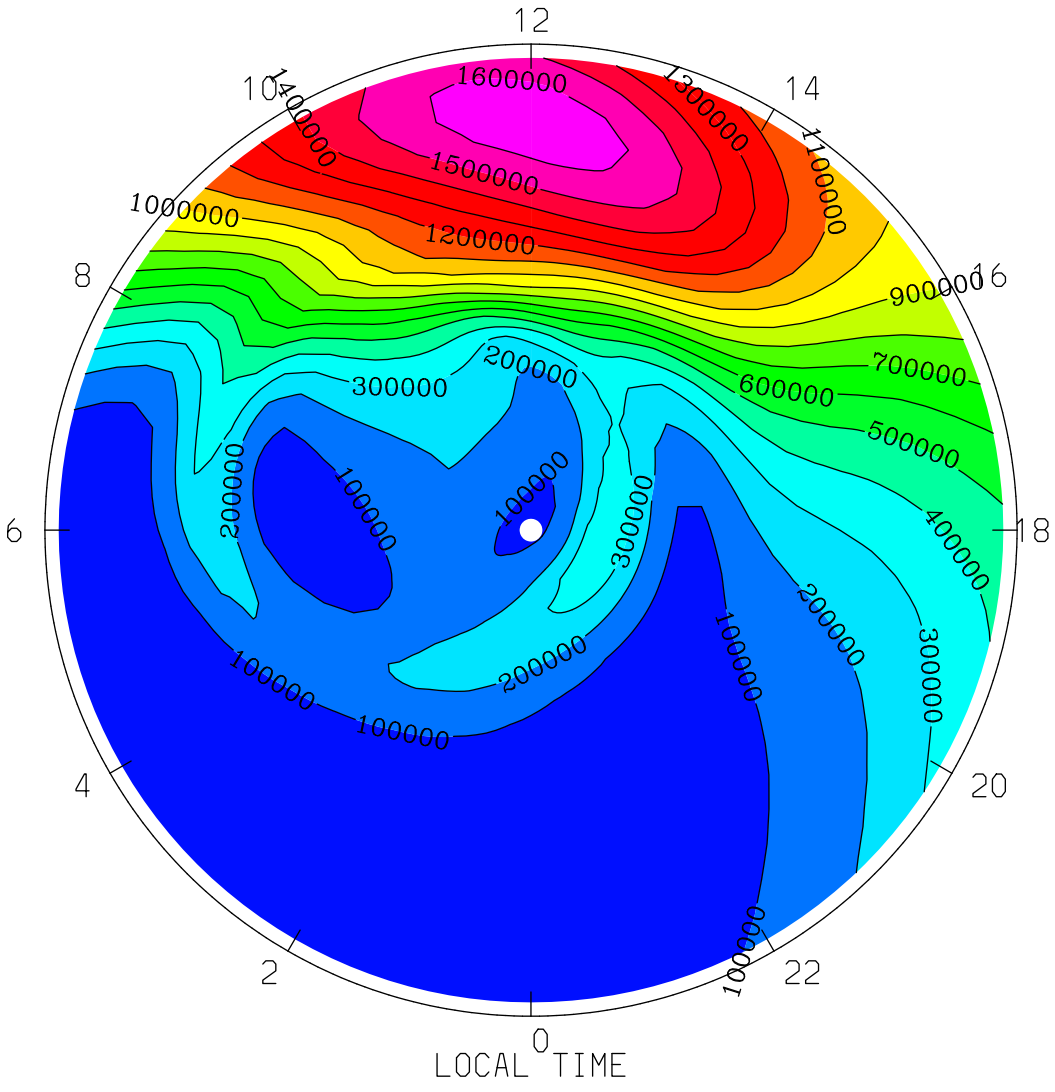

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
140000
120000
100000
80000
60000
40000
20000
200000
MIN,MAX= 2.3441E+03 2.6818E+05 INTERVAL= 2.0000E+04
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

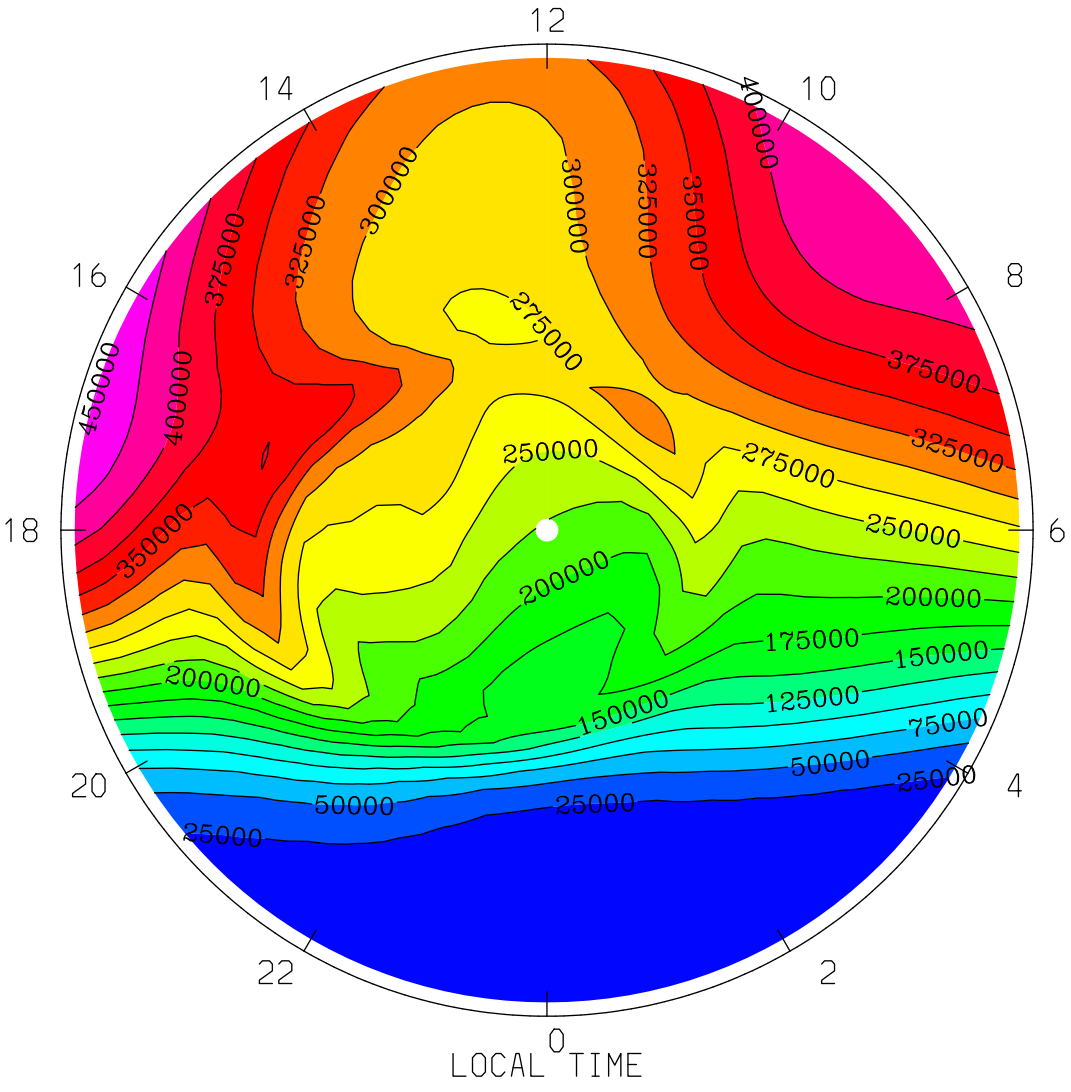


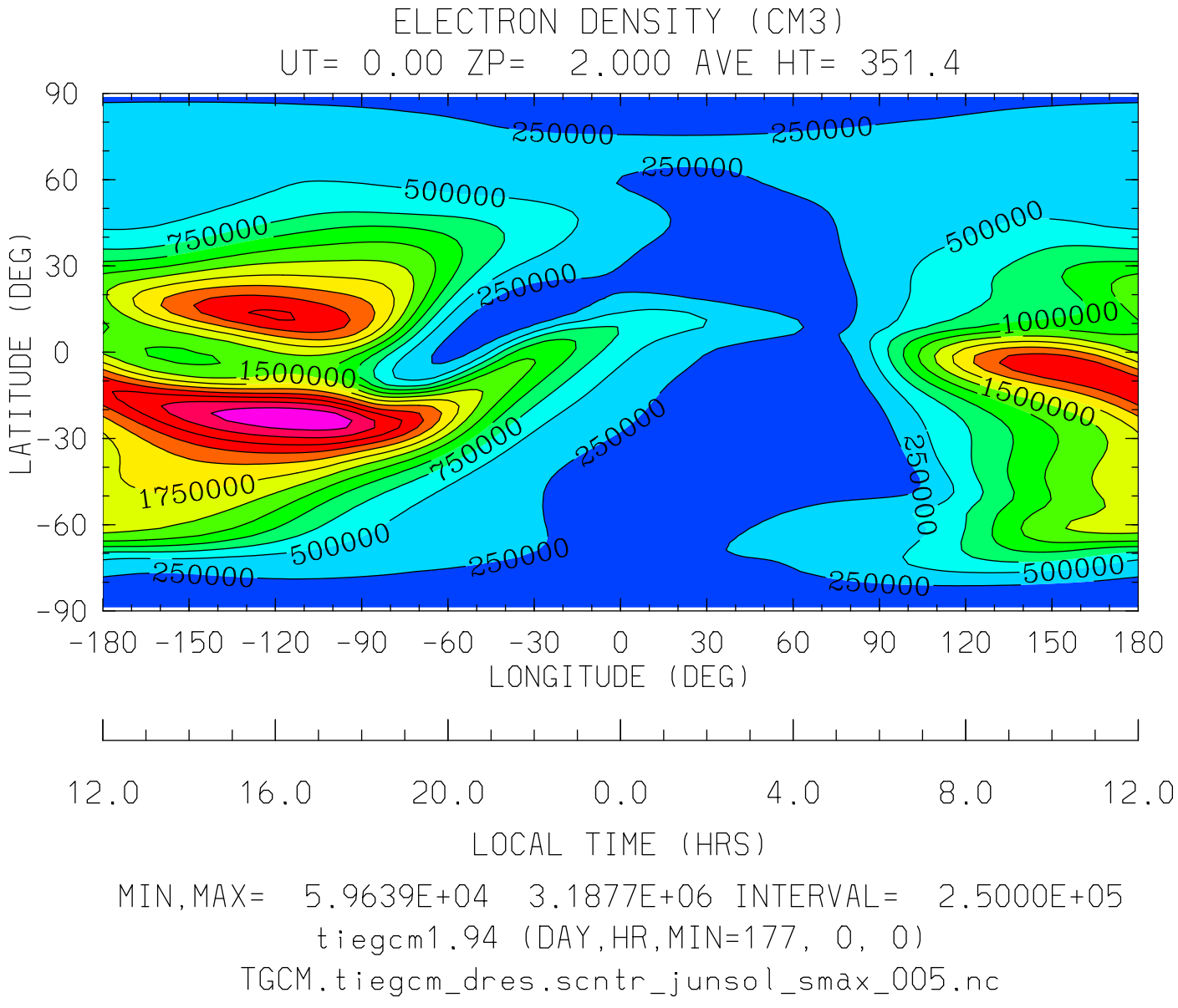
MIN,MAX= 6.7193E+02 1.6584E+06 INTERVAL= 1.0000E+05

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
1600000
1500000
1400000
1300000
1200000
1100000
1000000
900000
700000
600000
500000
400000
300000
200000
100000
LOCAL TIME
MIN,MAX= 1.4184E+04 1.6584E+06 INTERVAL= 1.0000E+05
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

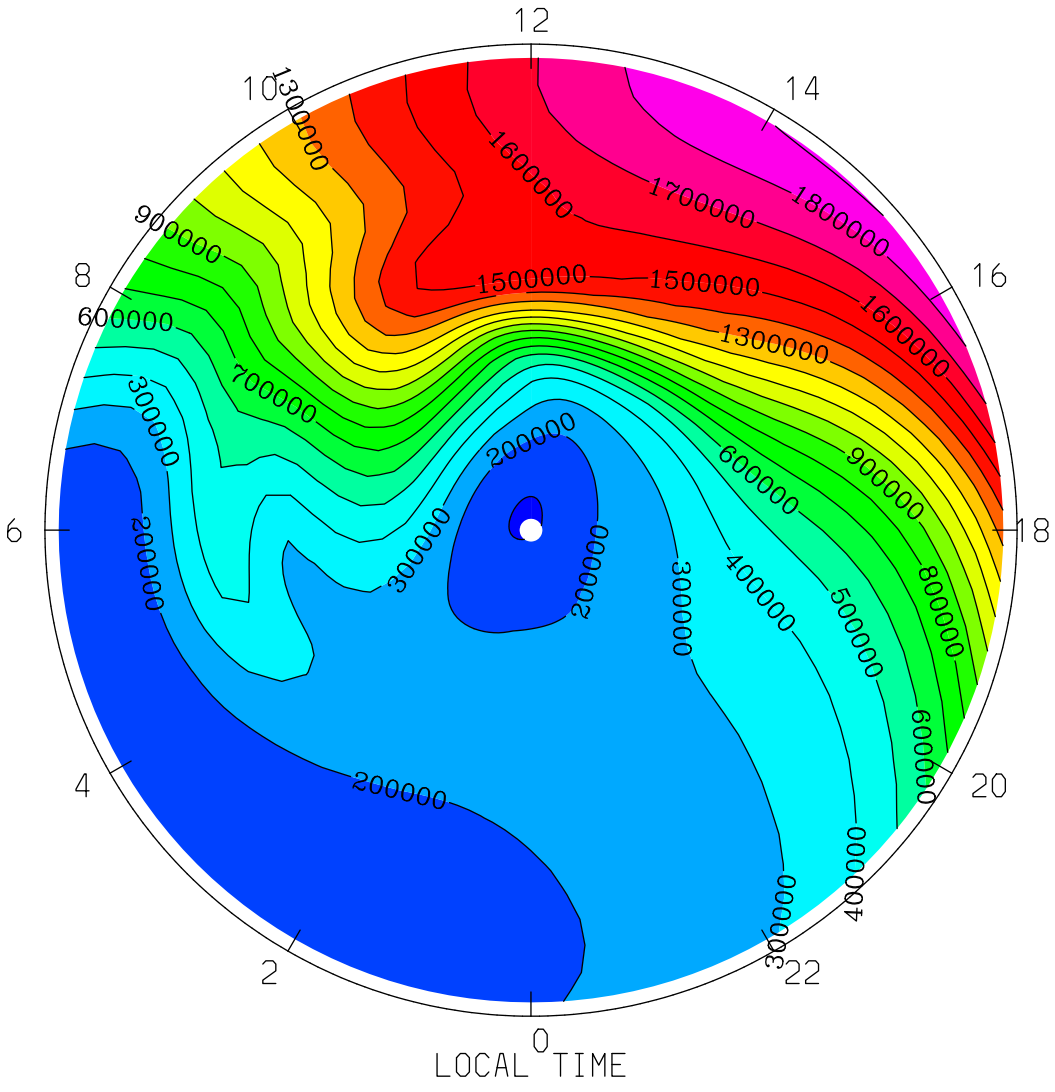

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
450000
400000
350000
375000
325000
300000
300000
325000
350000
400000
375000
275000
250000
275000
250000
200000
200000
175000
150000
200000
150000
125000
75000
50000
50000
25000
25000
MIN,MAX= 1.1004E+03 4.5112E+05 INTERVAL= 2.5000E+04
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

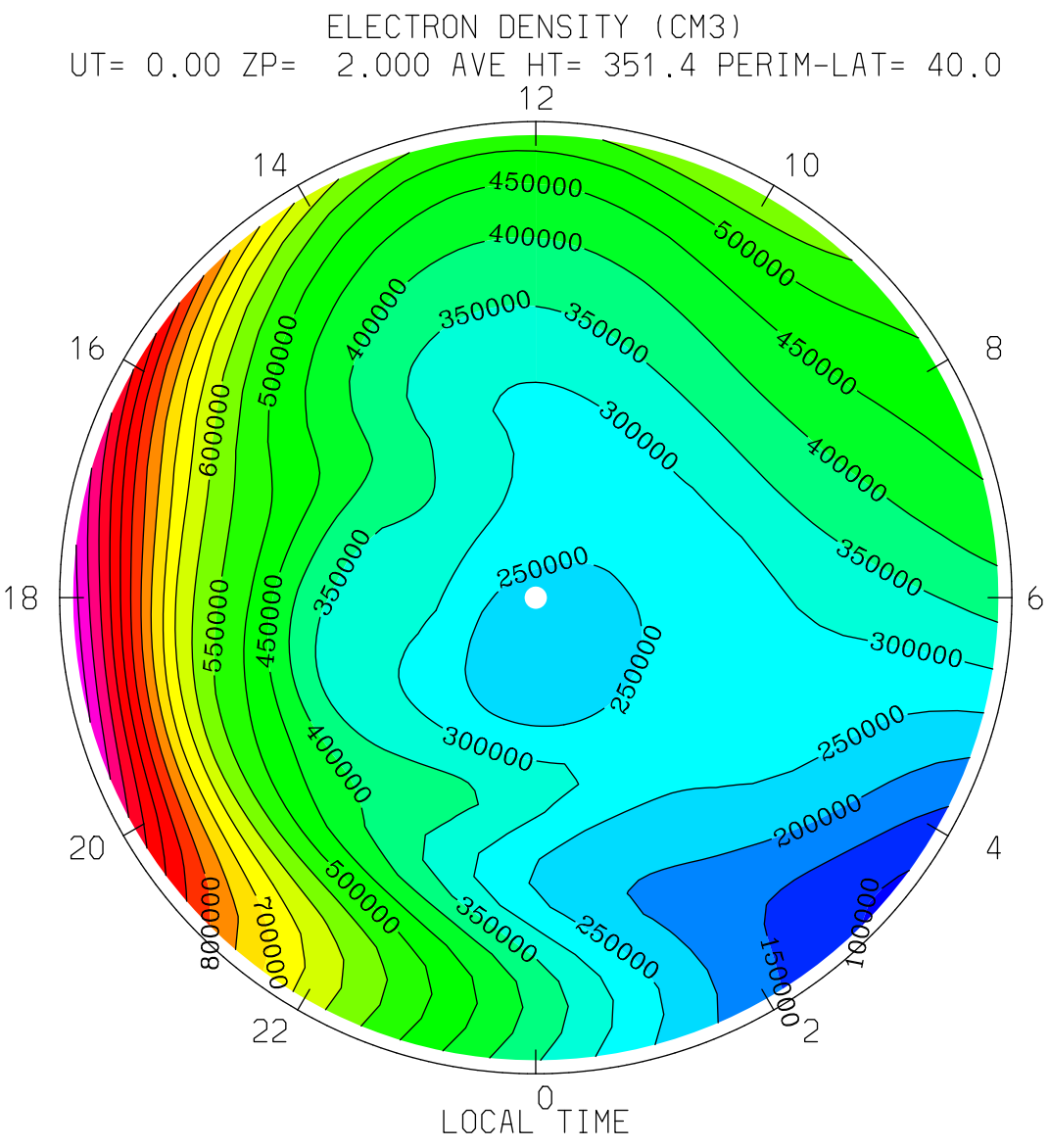


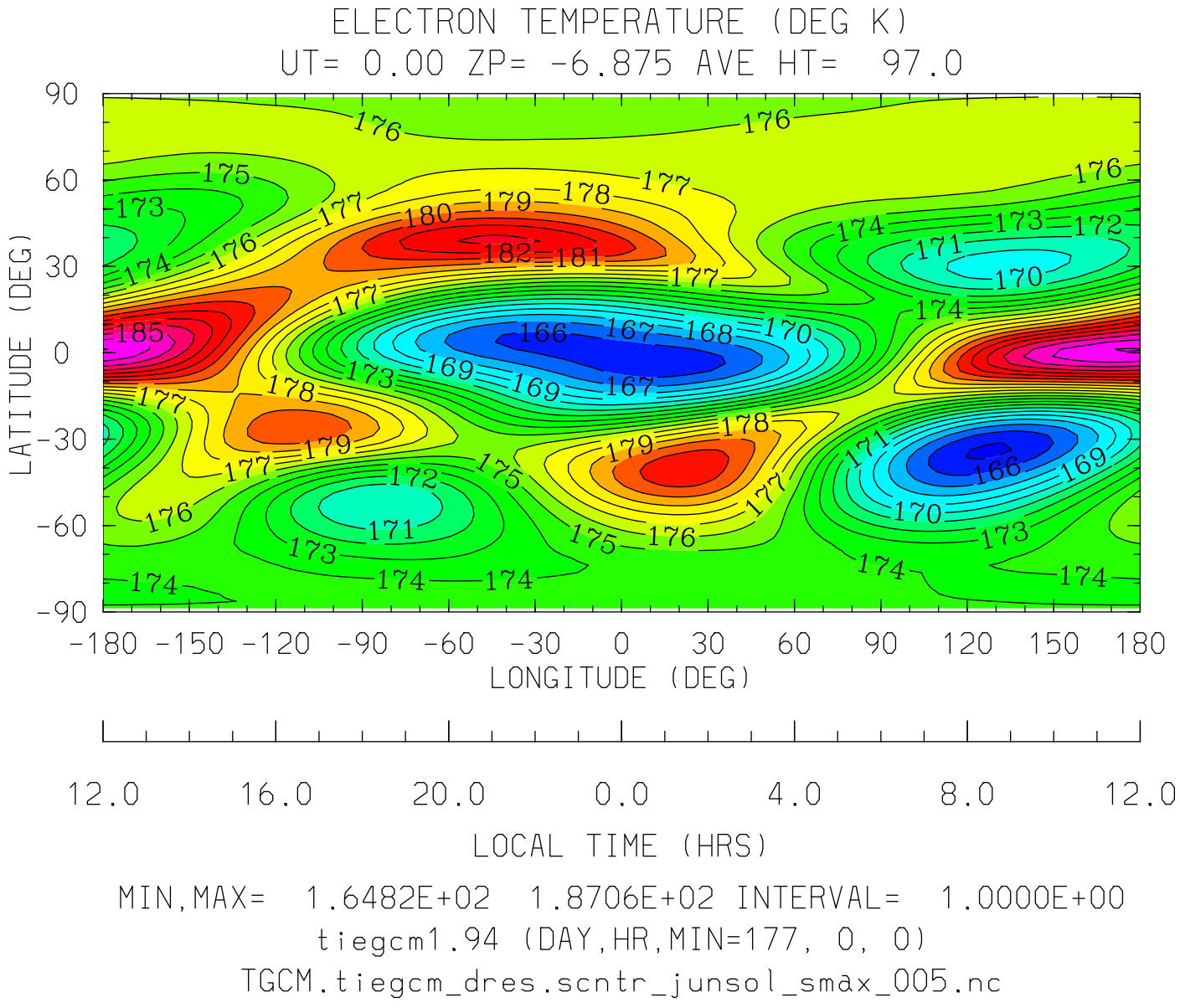
MIN,MAX= 5.9639E+04 3.1877E+06 INTERVAL= 2.5000E+05

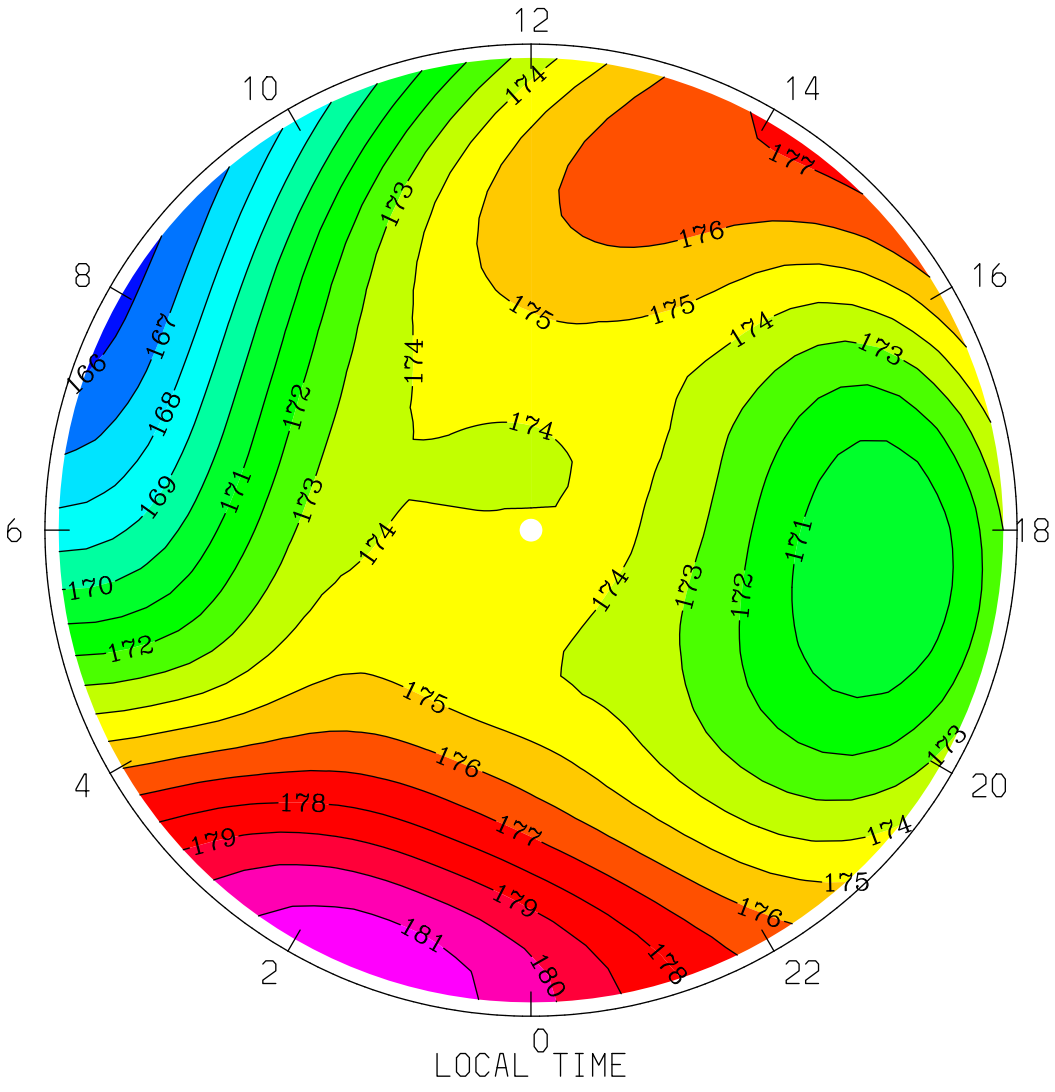
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

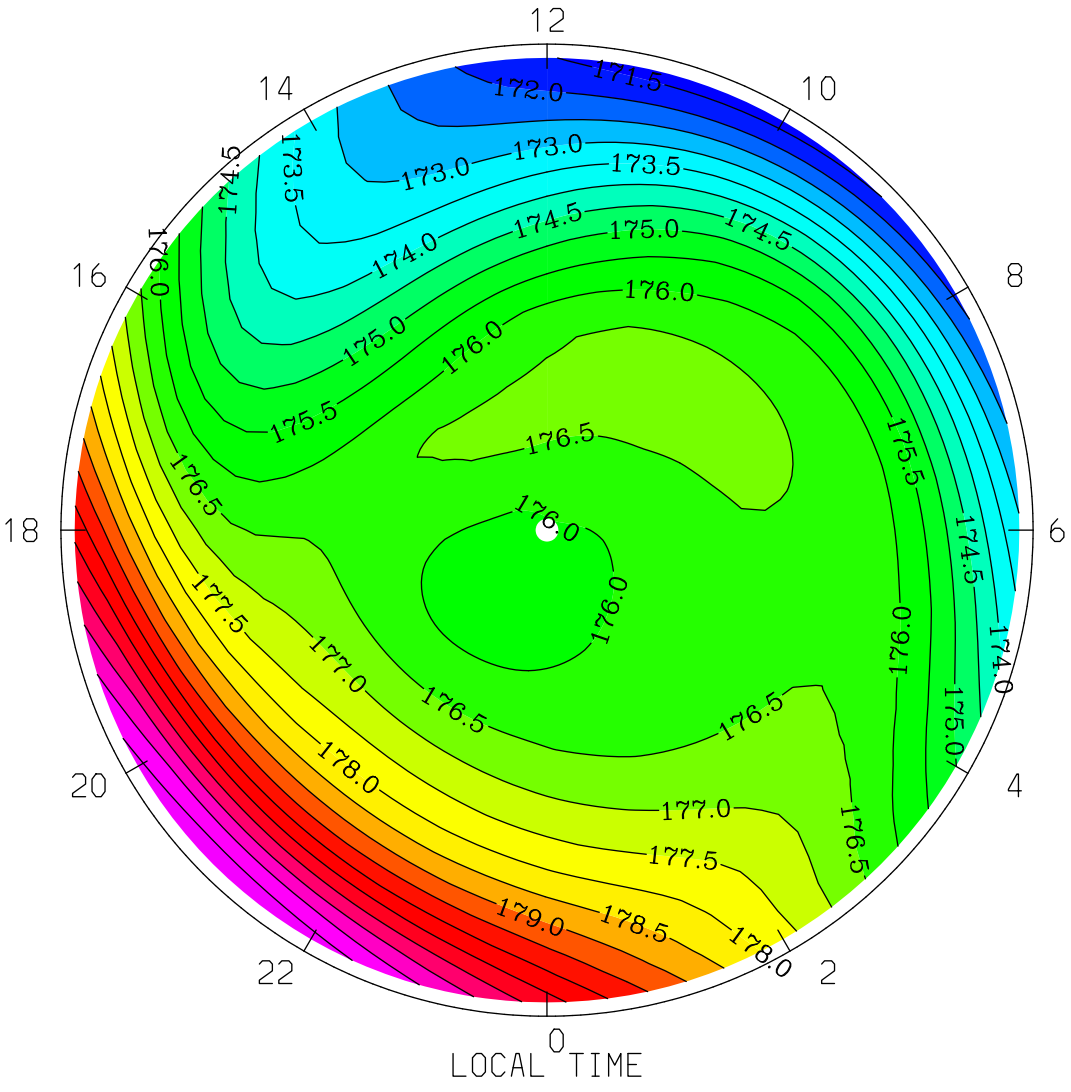
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

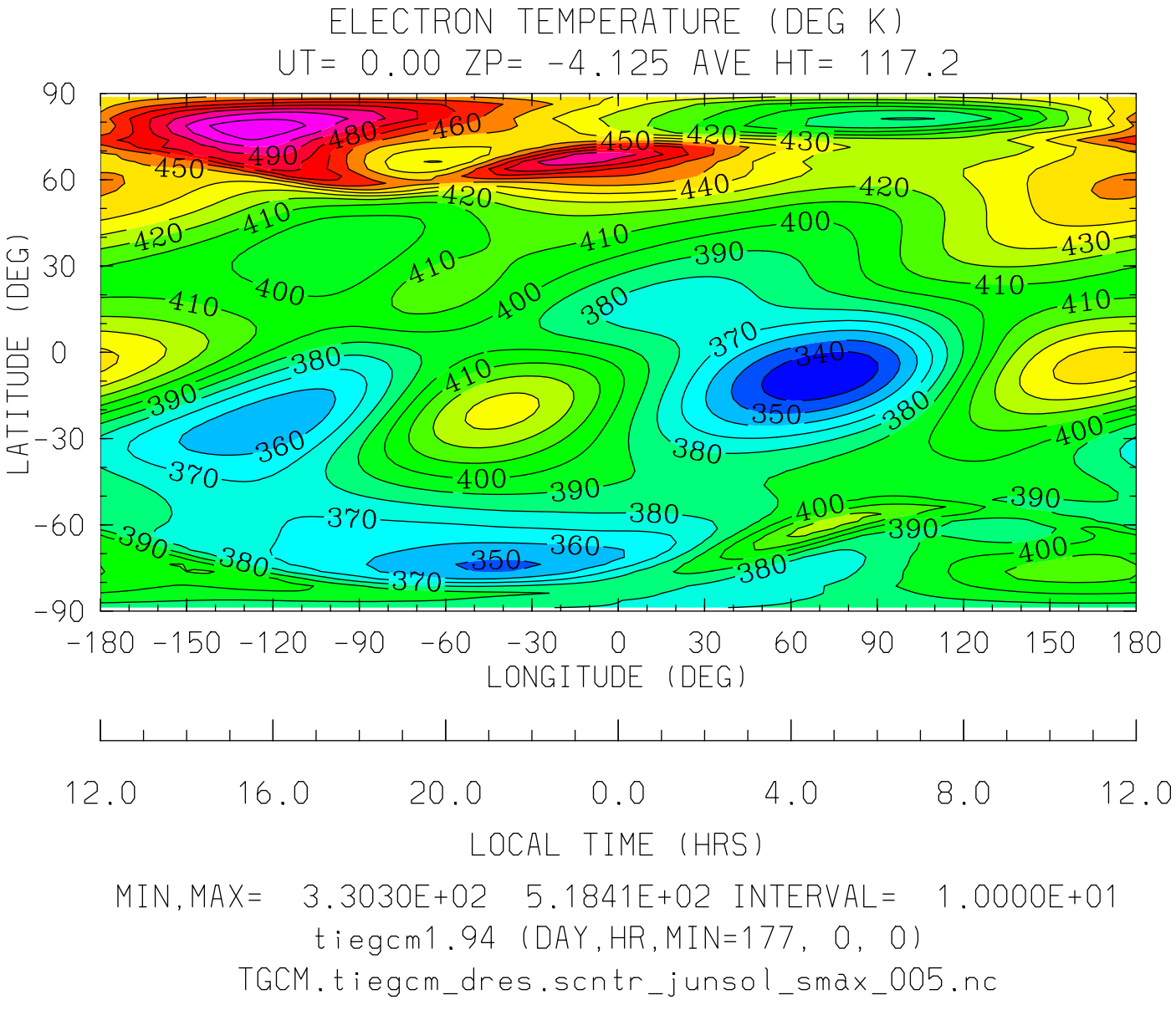

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
1300000
1600000
1700000
1800000
900000
1500000
1500000
1600000
600000
1300000
700000
300000
200000
600000
900000
200000
300000
200000
300000
400000
500000
800000
600000
200000
400000
300000
MIN,MAX= 9.1932E+04 1.9097E+06 INTERVAL= 1.0000E+05
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

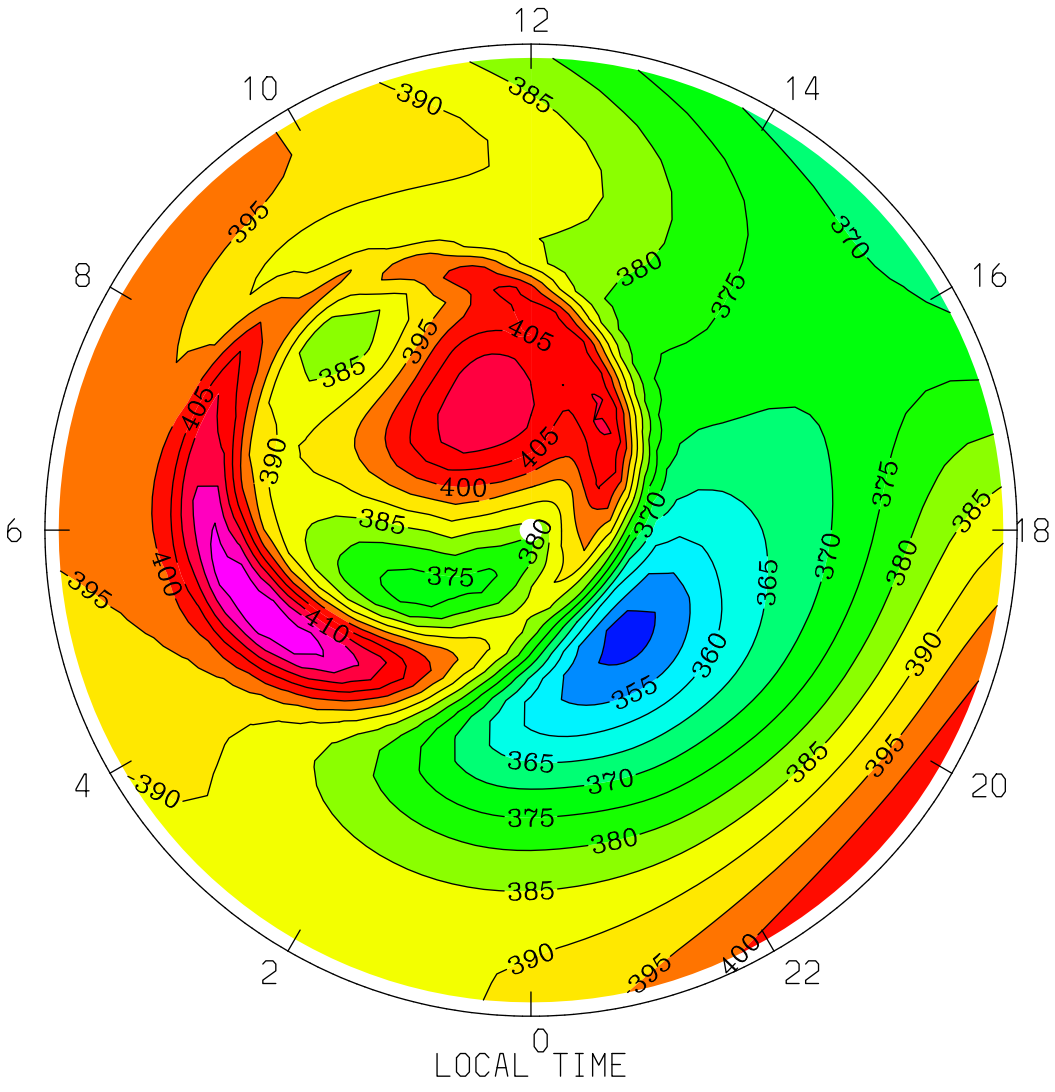

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
450000
400000
350000
500000
600000
550000
300000
250000
200000
150000
100000
700000
800000
LOCAL TIME
MIN,MAX= 9.2678E+04 1.1250E+06 INTERVAL= 5.0000E+04
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

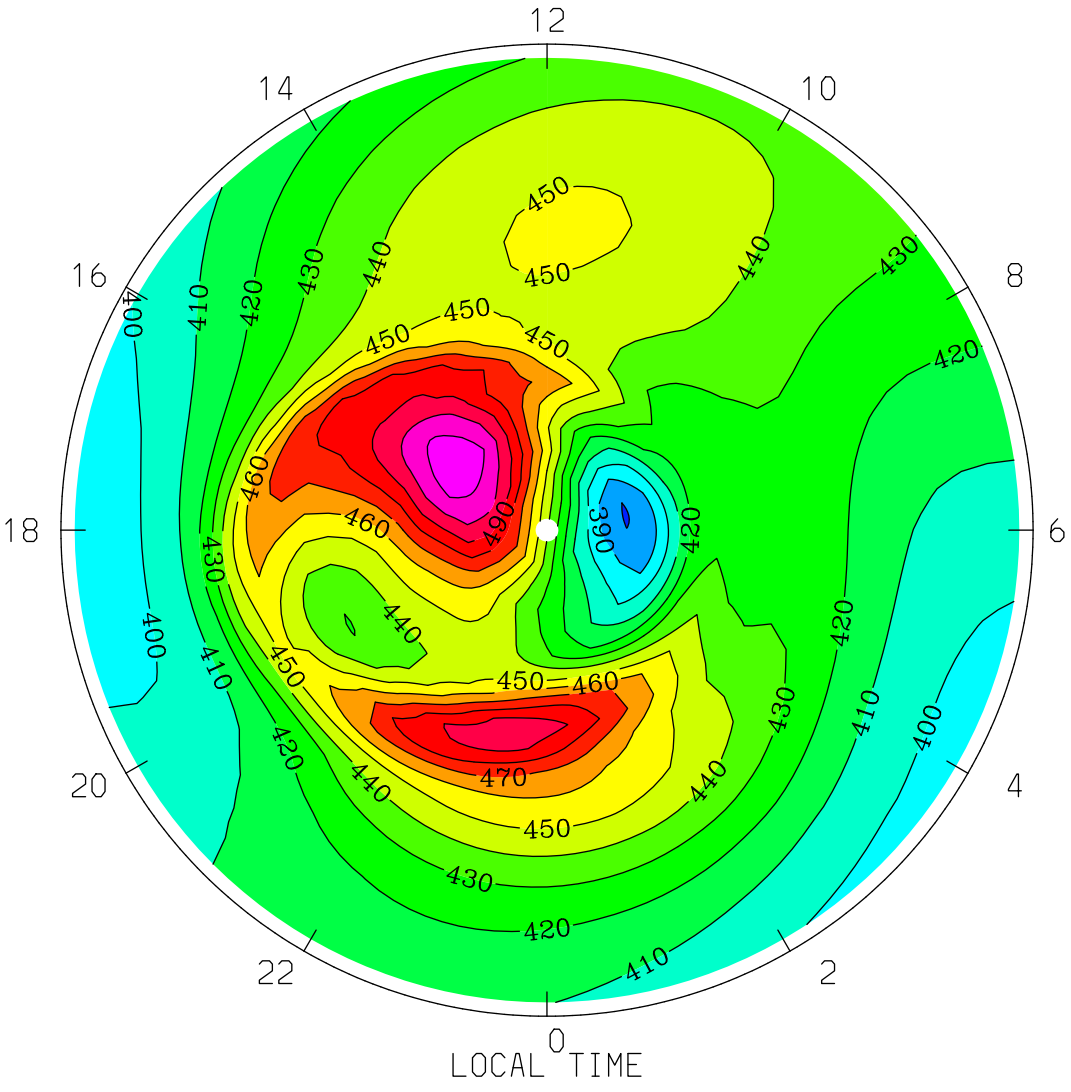

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.875 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.6482E+02 1.8706E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

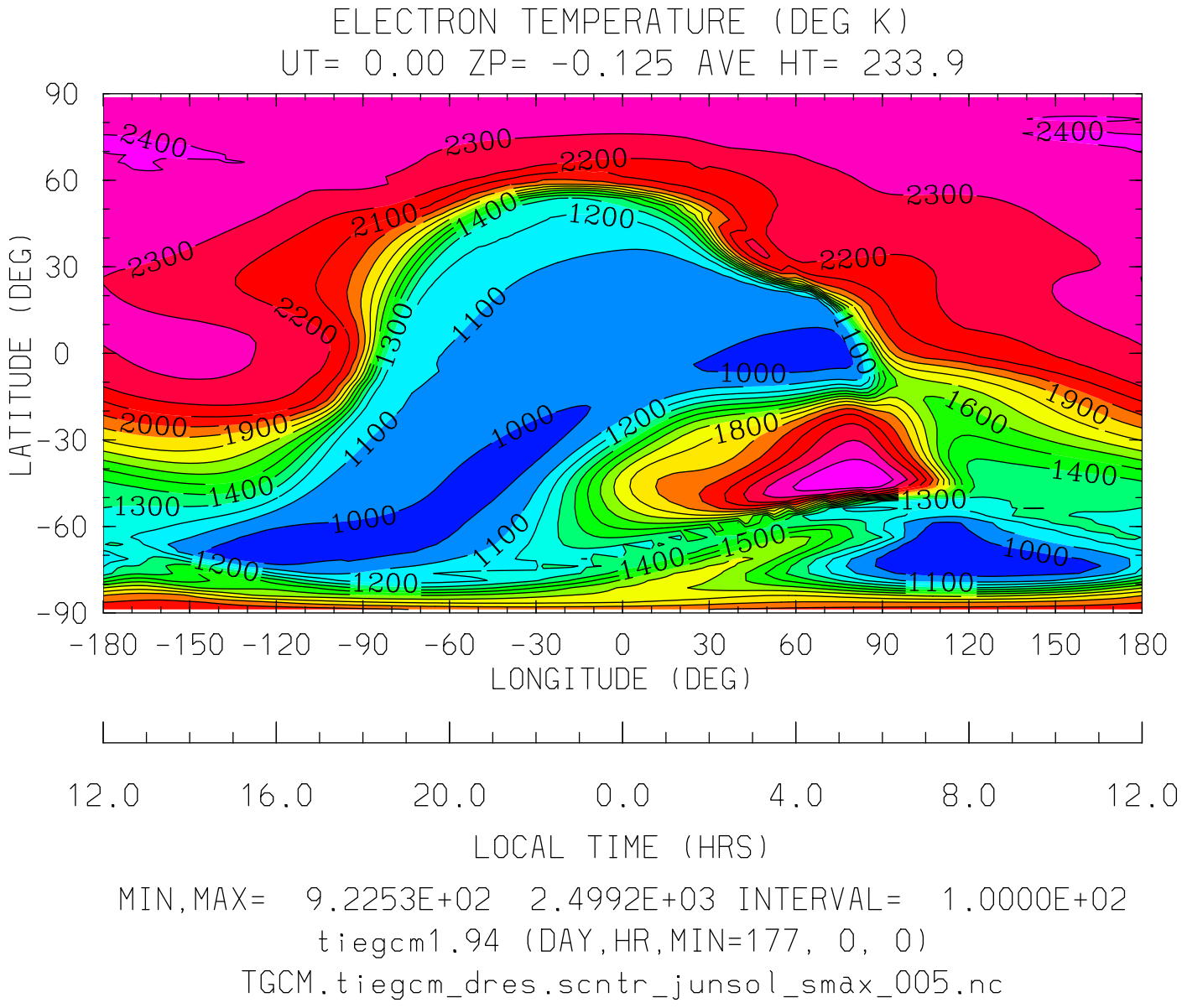

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 1.6569E+02 1.8173E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

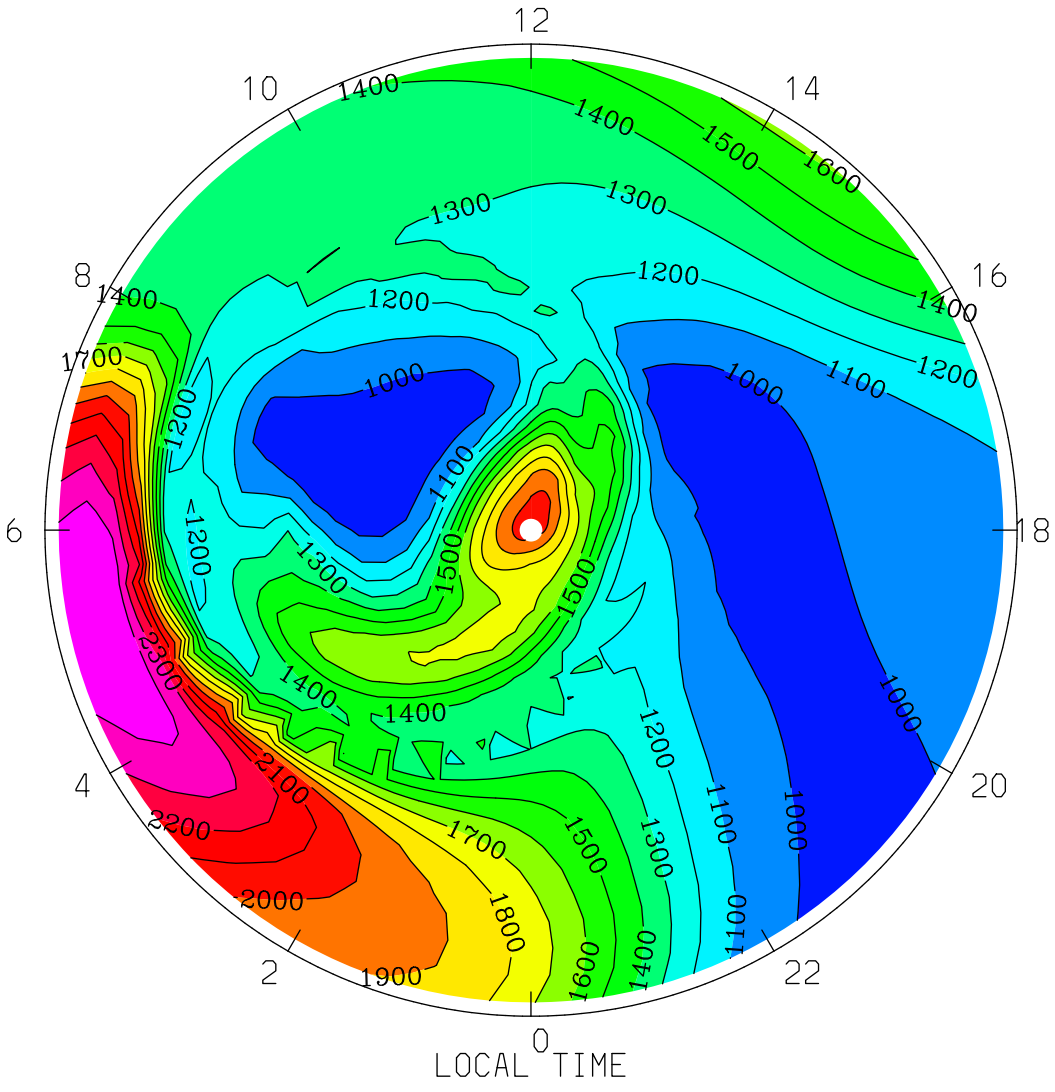

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 1.7122E+02 1.8296E+02 INTERVAL= 5.0000E-01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

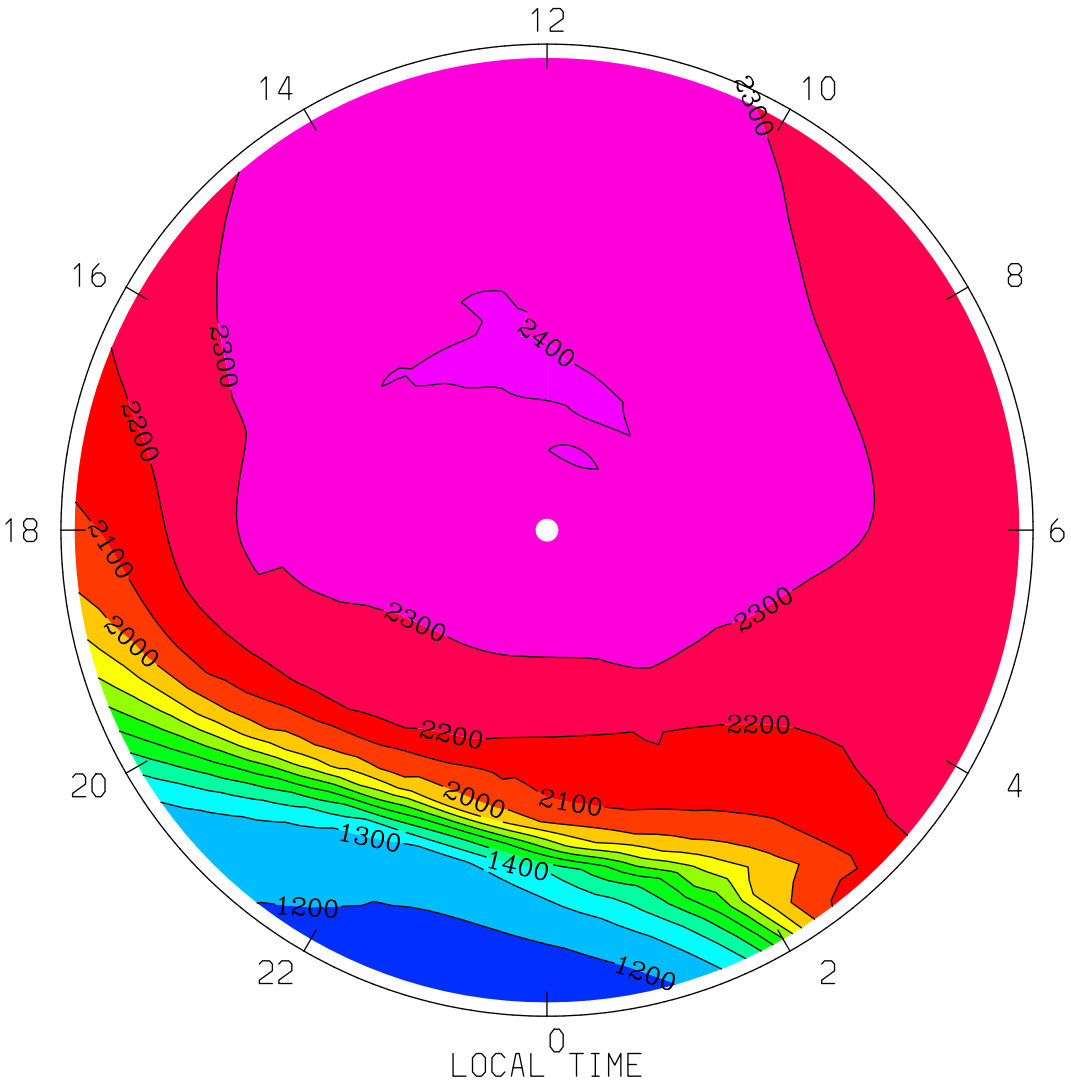

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 117.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.3030E+02 5.1841E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

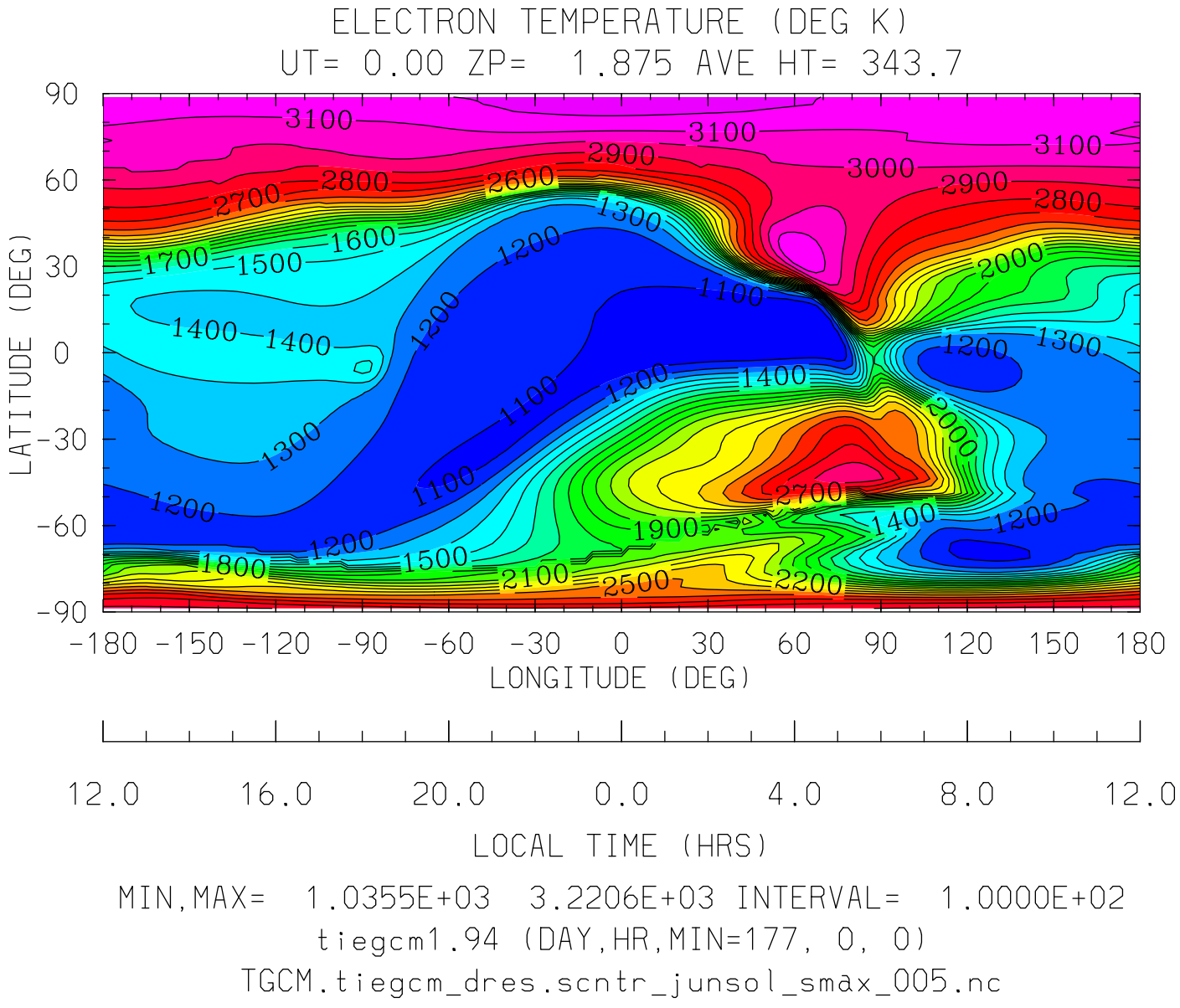

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 117.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 3.4821E+02 4.2440E+02 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

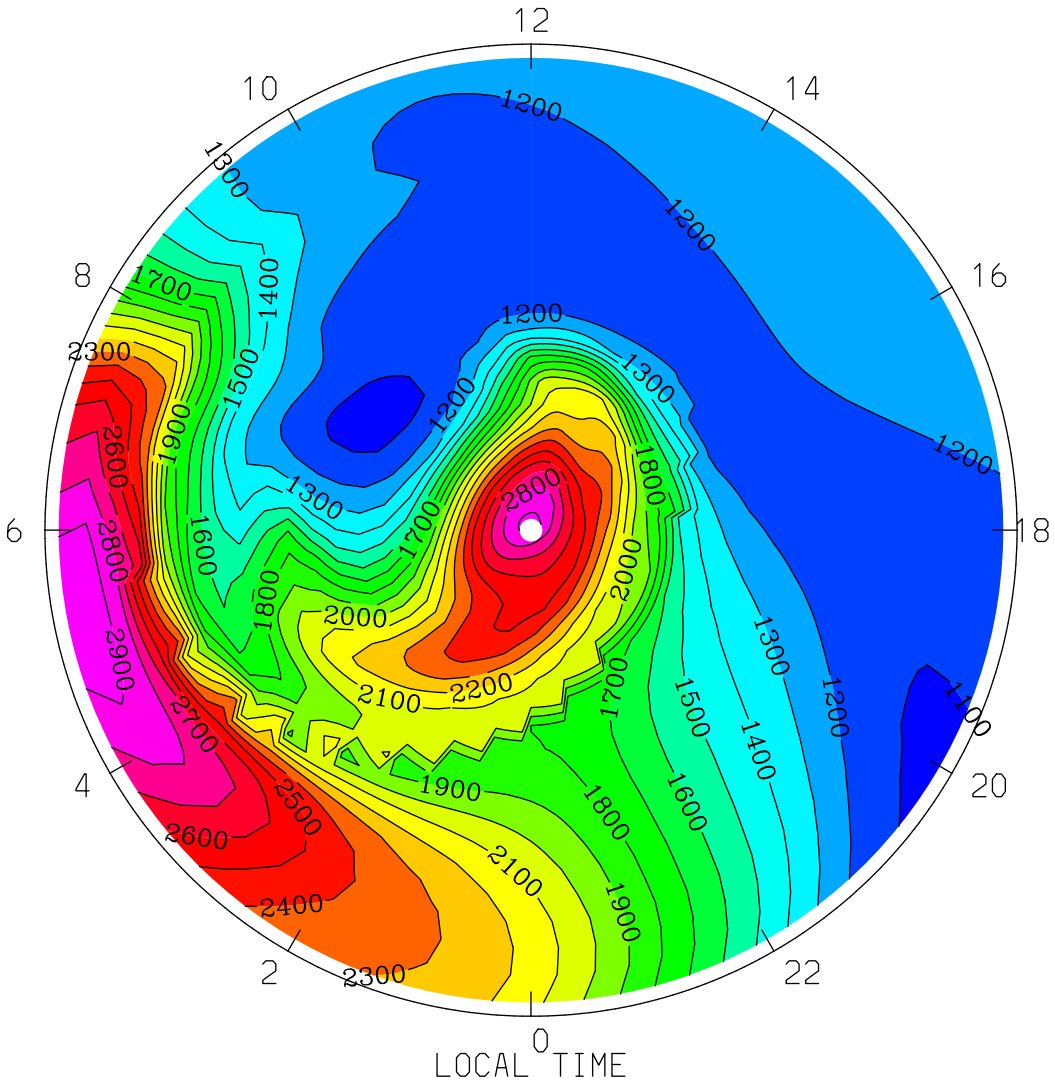

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 117.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 3.7898E+02 5.1841E+02 INTERVAL= 1.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

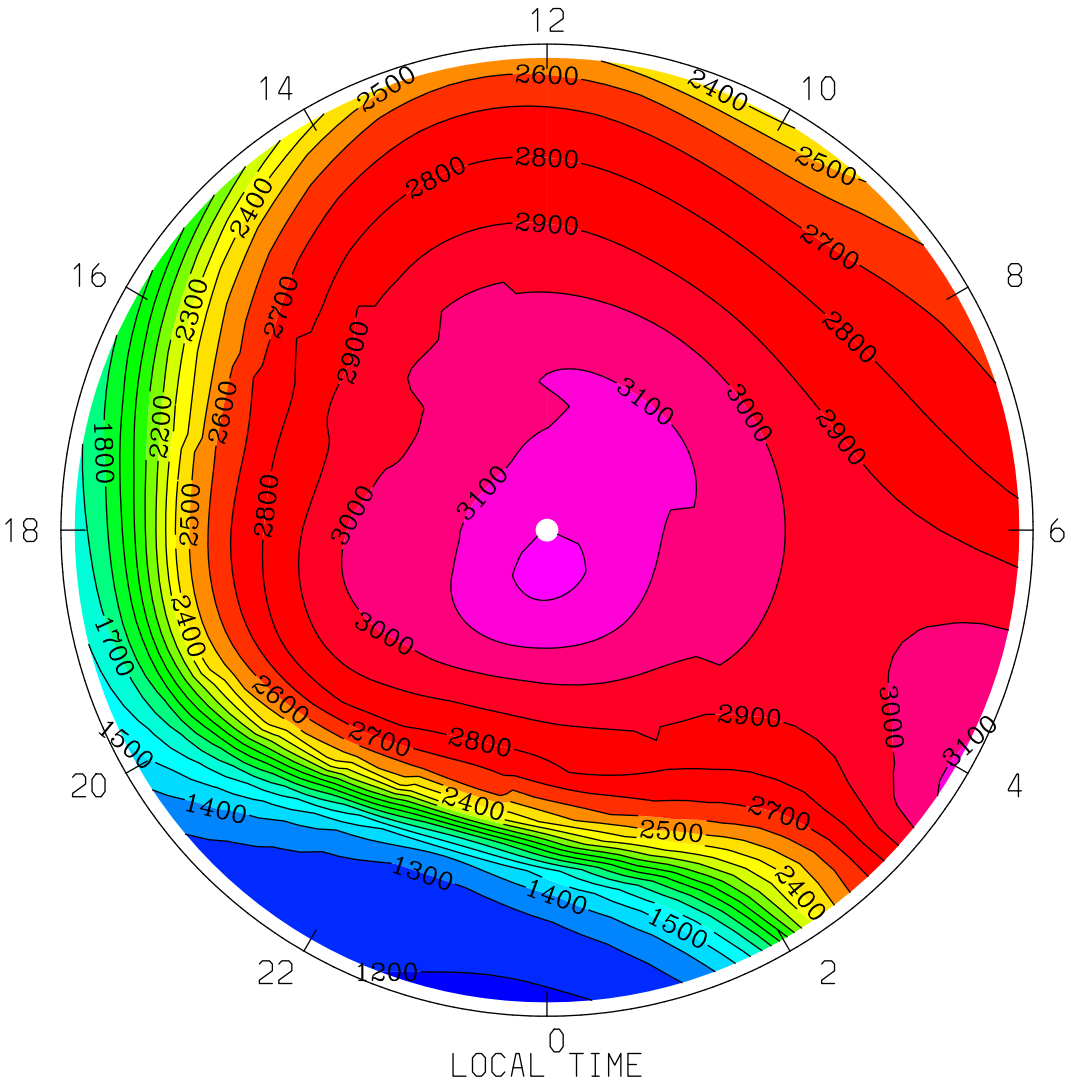

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 233.9
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.2253E+02 2.4992E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

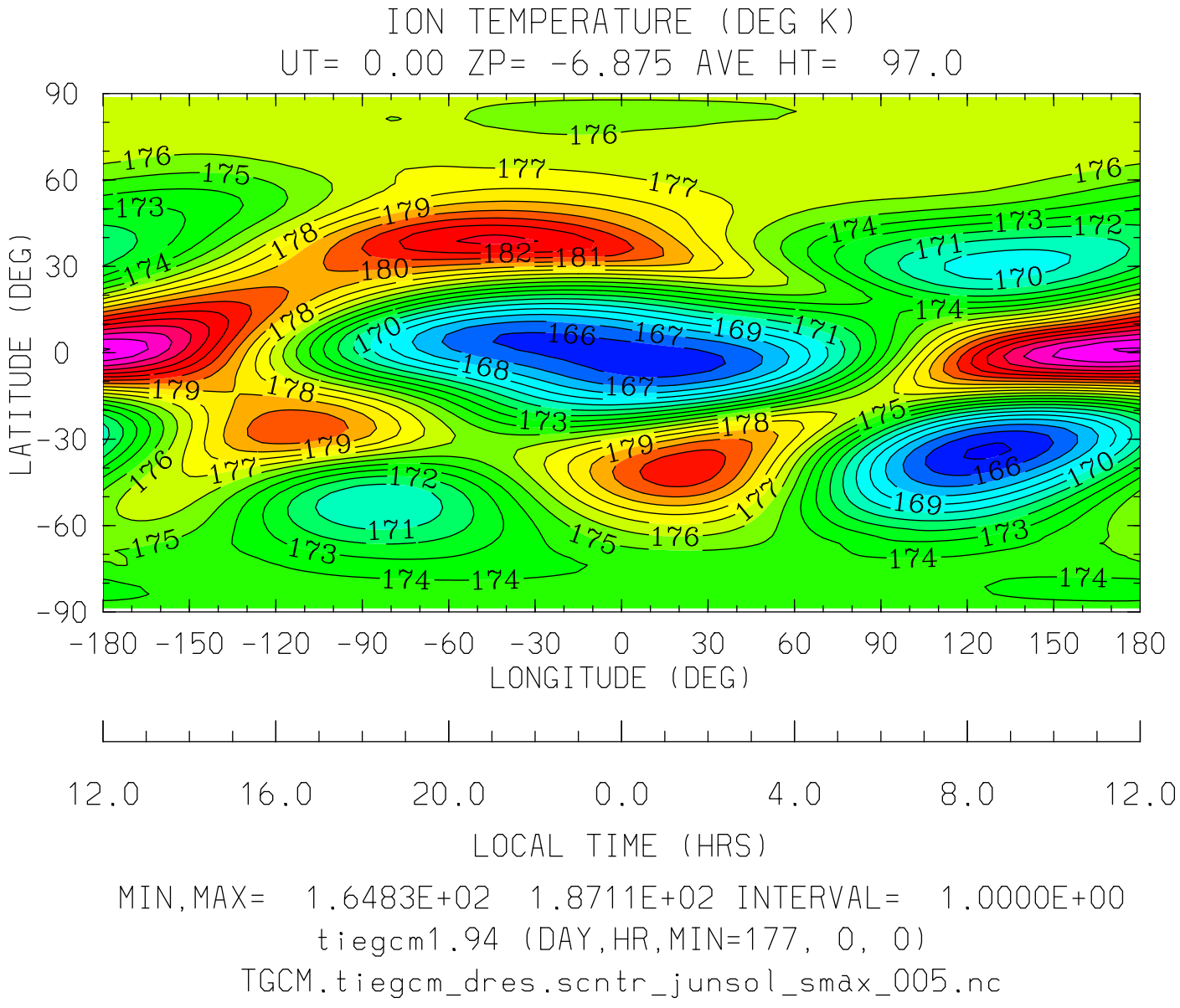

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 233.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 9.2253E+02 2.4992E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 233.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
2300
2400
2200
2100
2000
1300
1400
1200
LOCAL TIME
MIN,MAX= 1.1385E+03 2.4203E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 343.7
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= 1.0355E+03 3.2206E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 343.7 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 1.0652E+03 2.9619E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

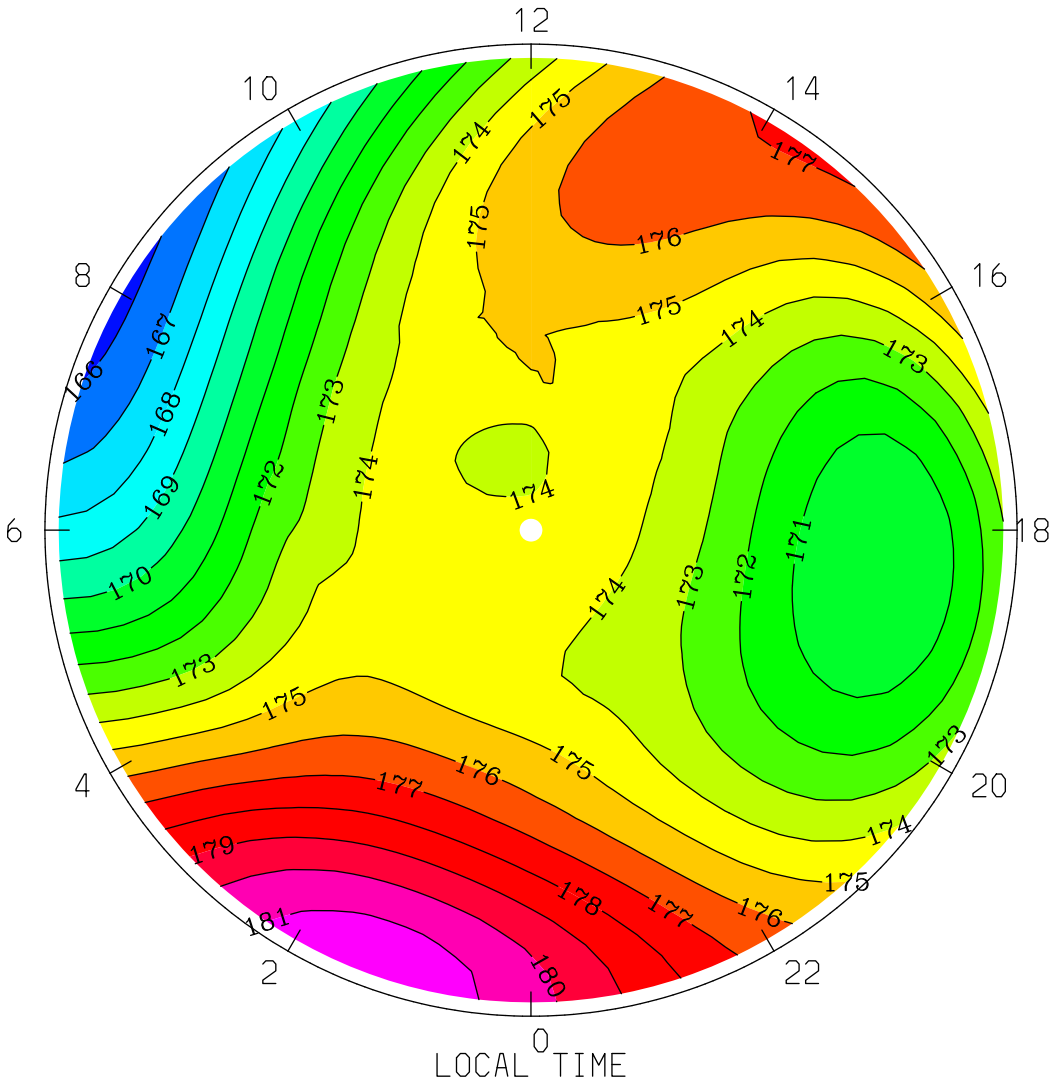

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 343.7 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 1.1853E+03 3.2206E+03 INTERVAL= 1.0000E+02
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.6483E+02 1.8711E+02 INTERVAL= 1.0000E+00

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

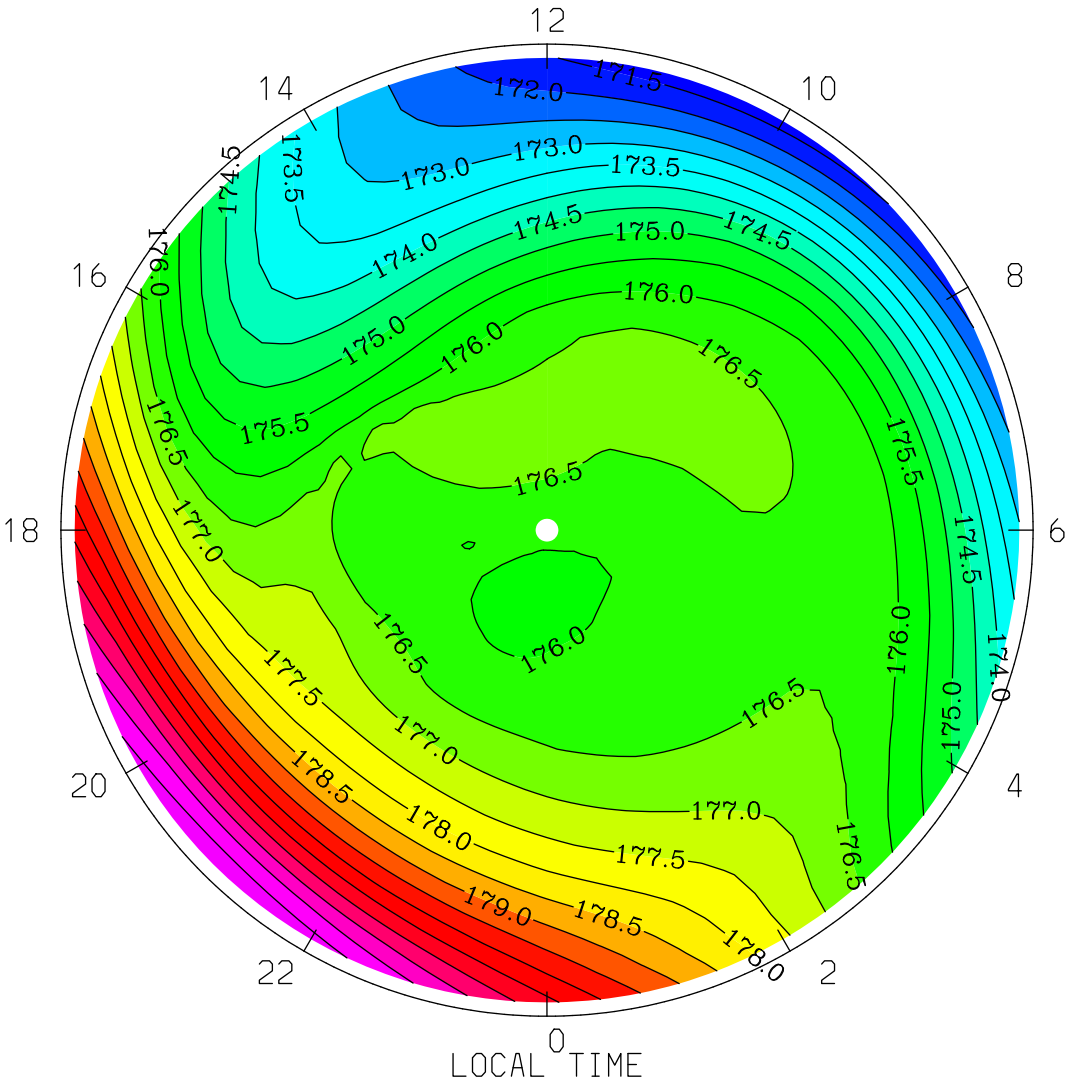
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

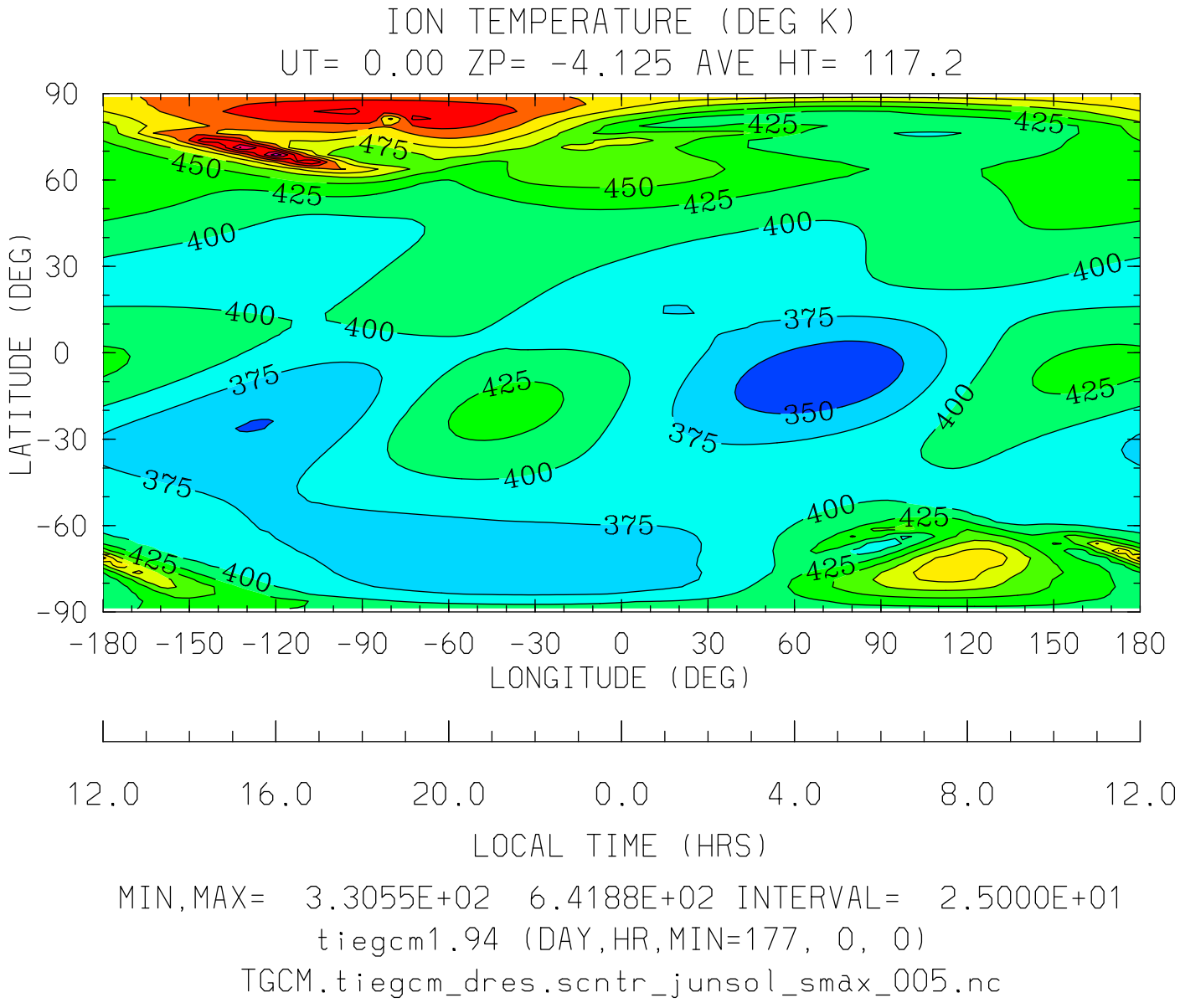


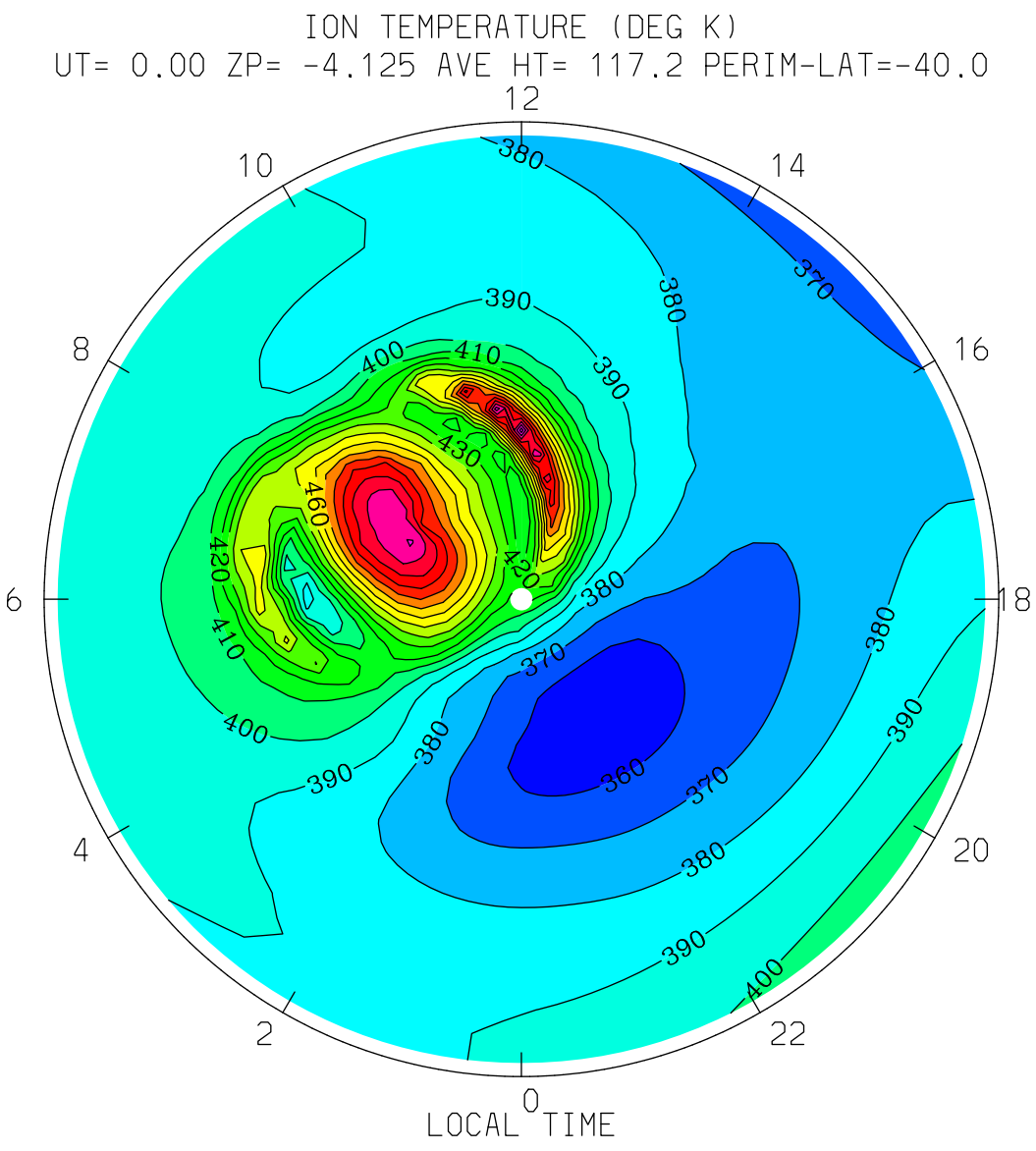
MIN,MAX= 1.6569E+02 1.8171E+02 INTERVAL= 1.0000E+00

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 1.7122E+02 1.8297E+02 INTERVAL= 5.0000E-01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

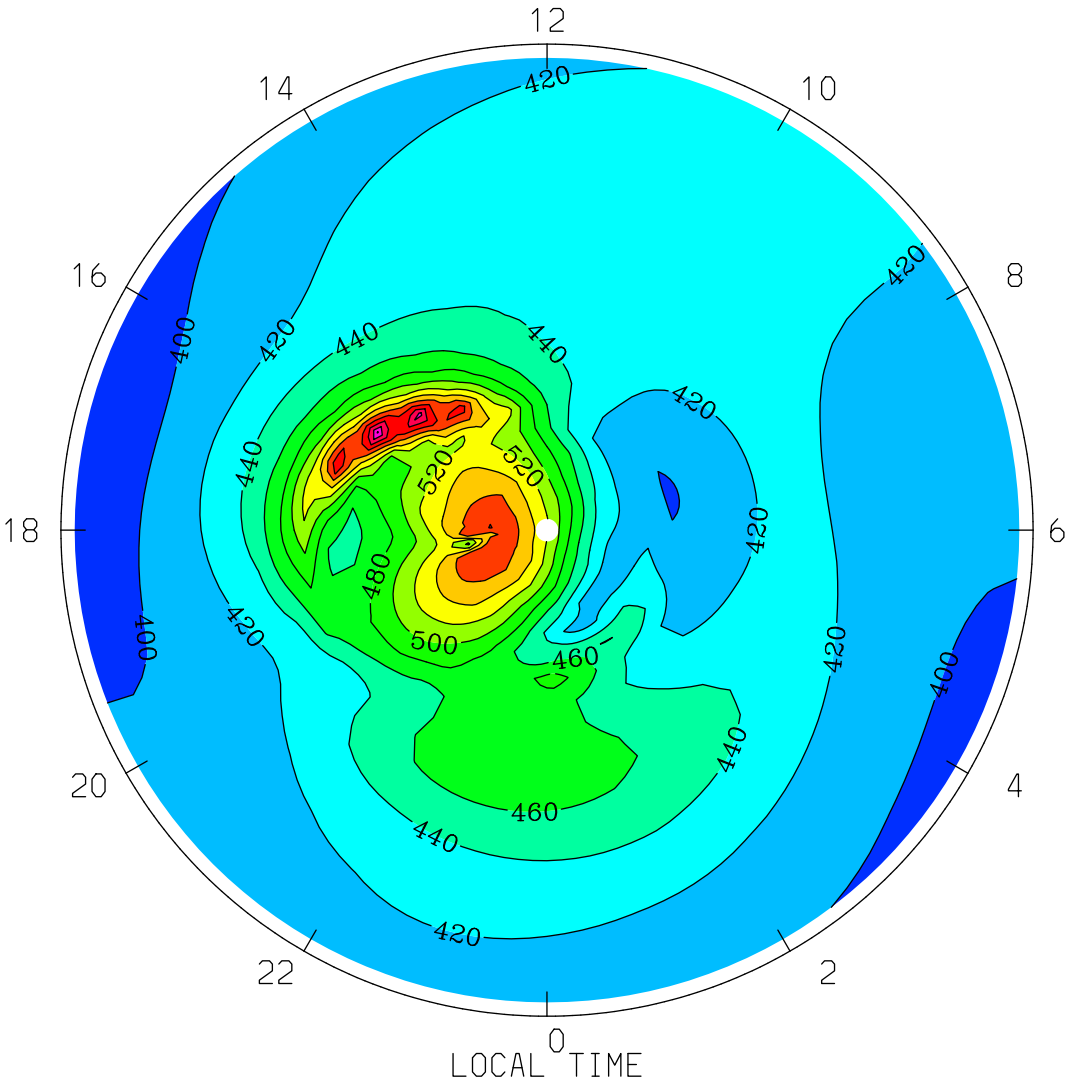

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 117.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.3055E+02 6.4188E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

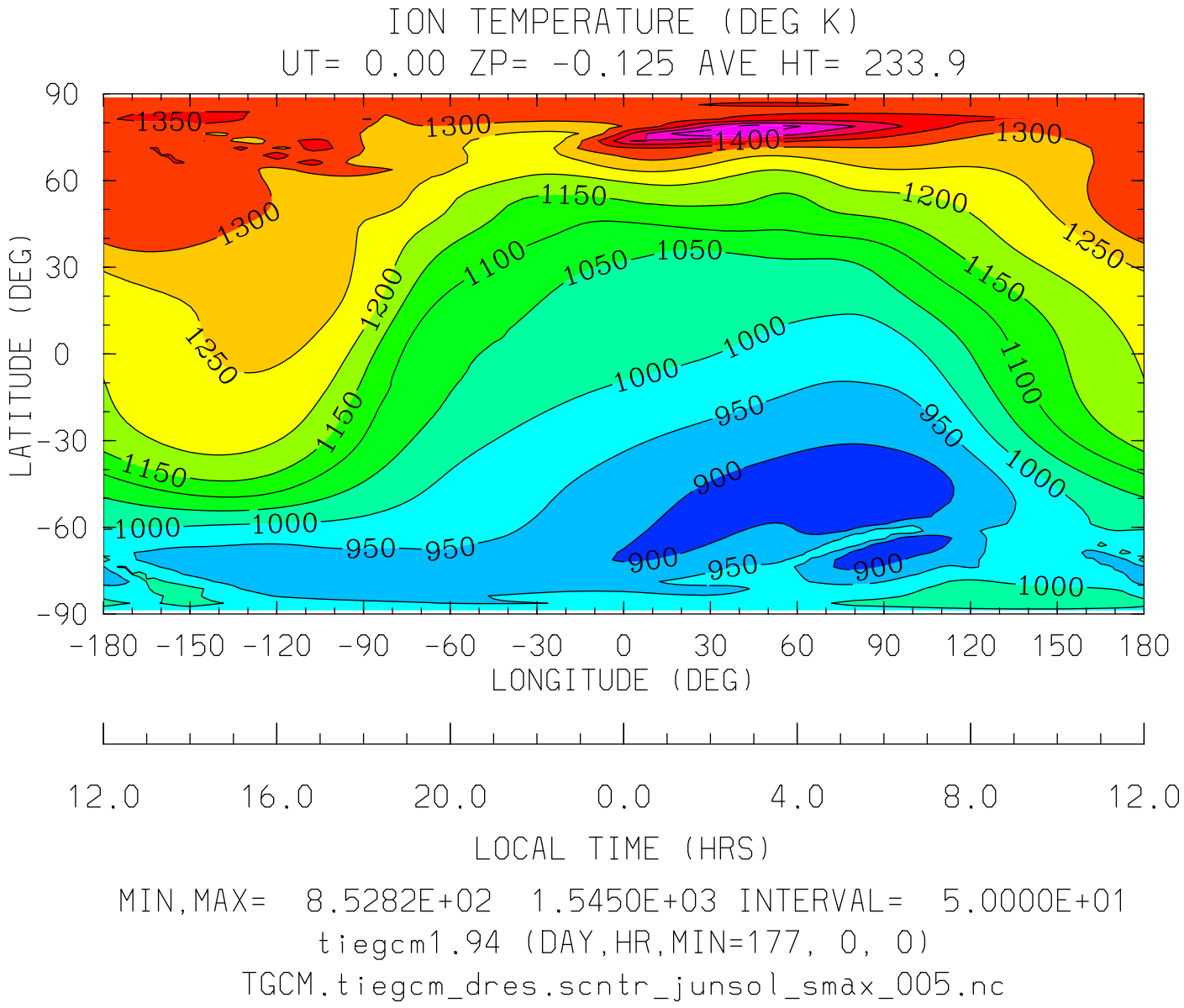


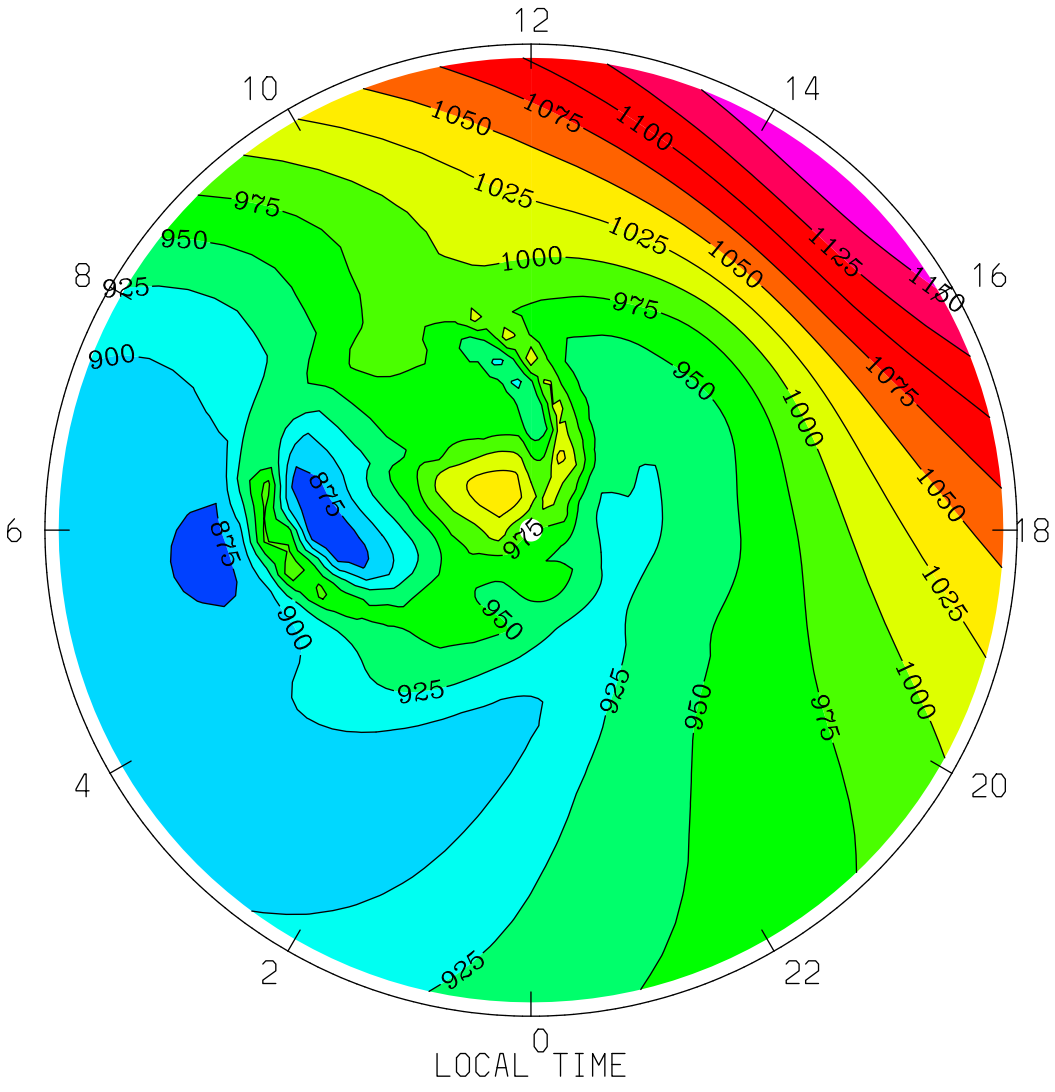
MIN,MAX= 3.5021E+02 5.3617E+02 INTERVAL= 1.0000E+01

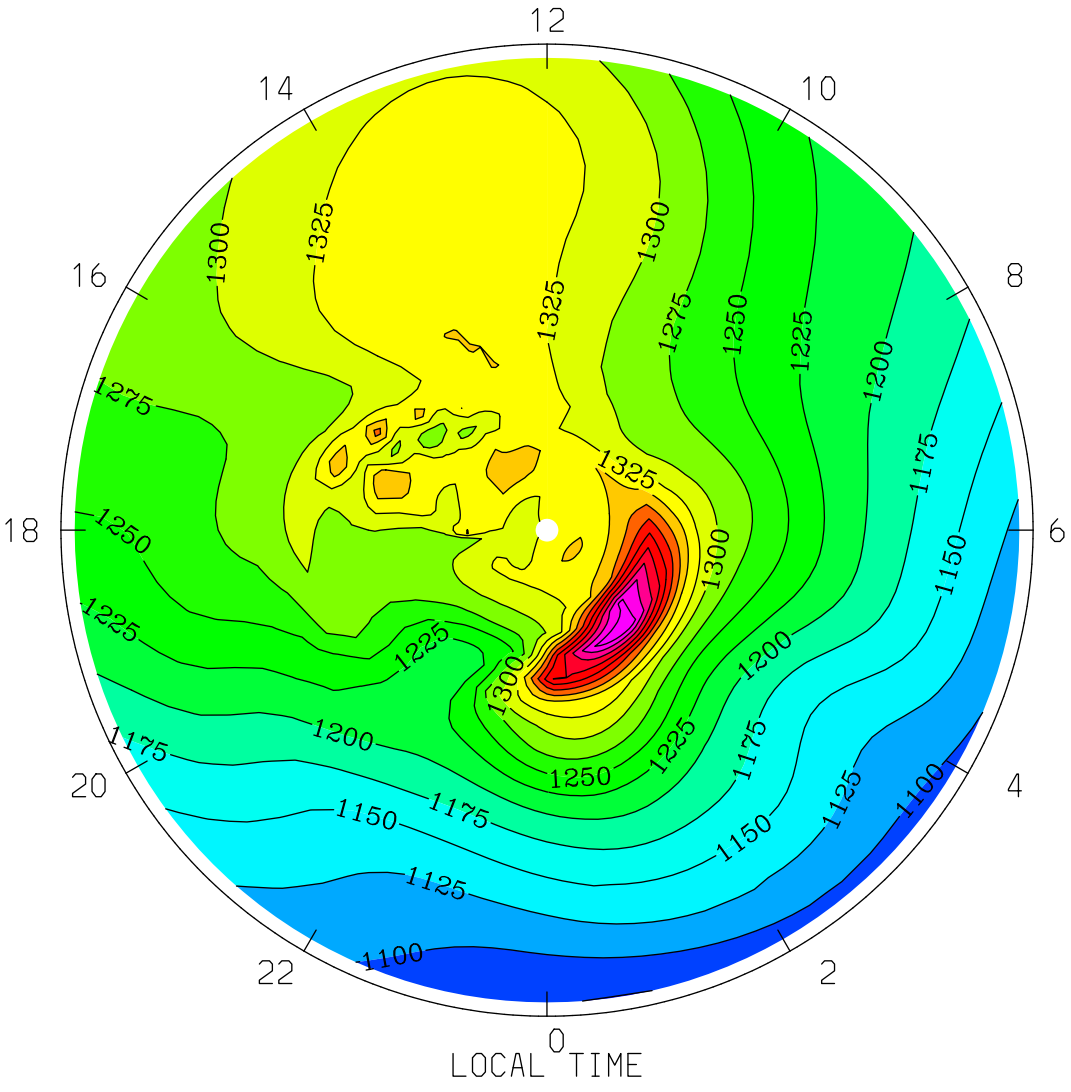
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

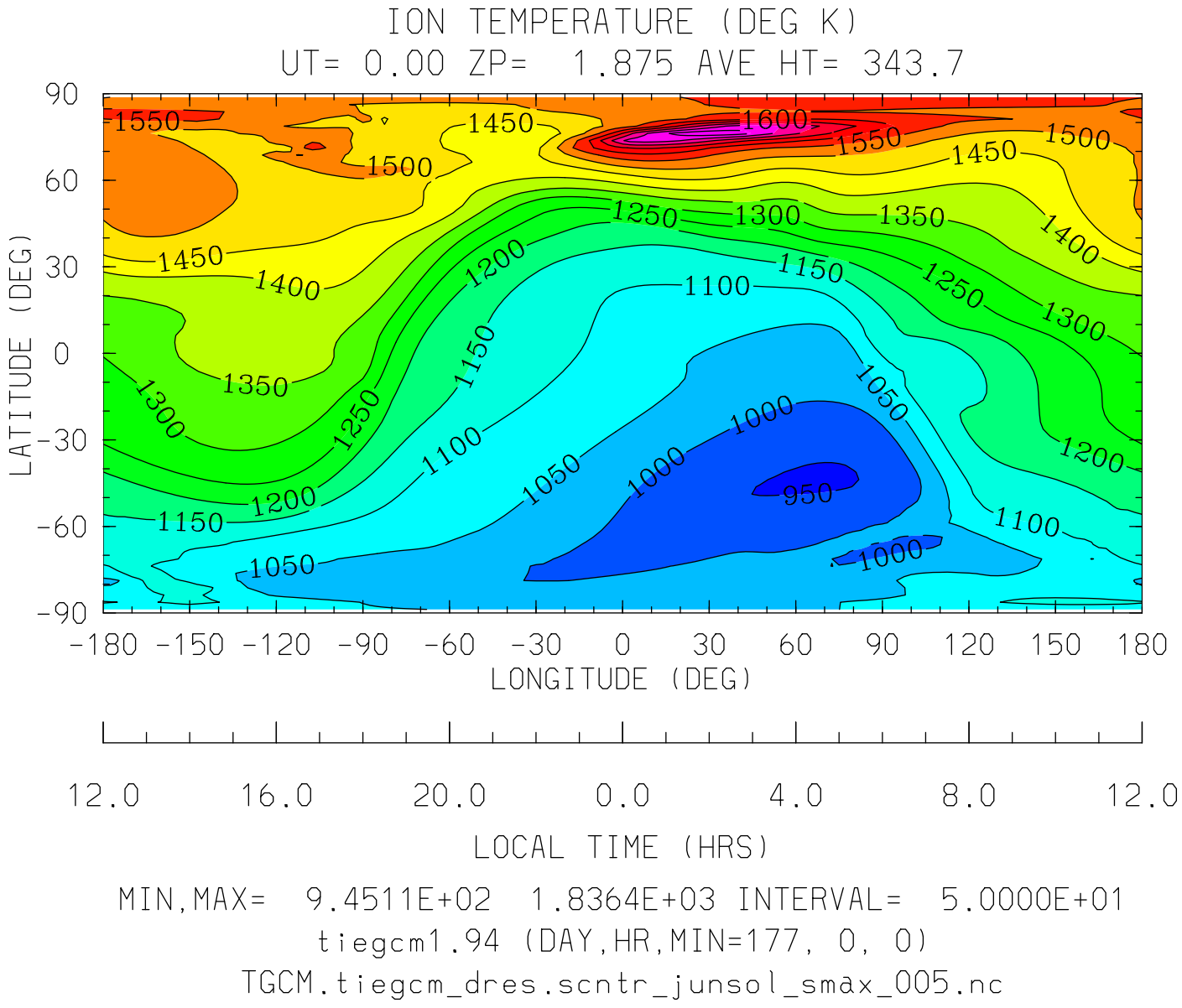
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

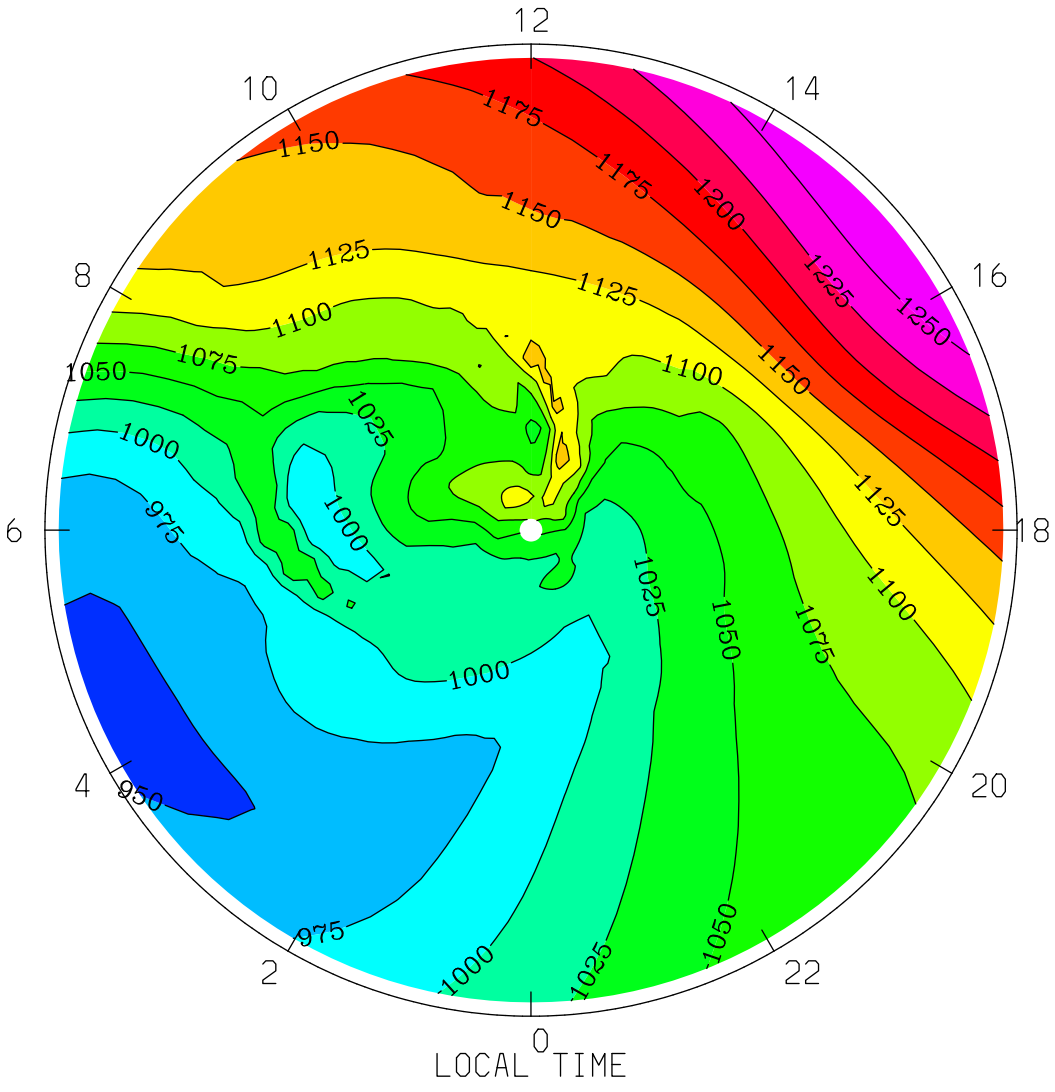

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.125 AVE HT= 117.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
420
400
440
520
480
500
460
LOCAL TIME
MIN,MAX= 3.8933E+02 6.4188E+02 INTERVAL= 2.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 233.9
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
1350
1300
1400
1300
1300
1150
1200
1250
1100
1050
1050
1150
1200
1250
1000
1000
1100
1150
950
950
1000
1150
900
1000
1000
950
950
900
950
900
1000
-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= 8.5282E+02 1.5450E+03 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 233.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 8.5282E+02 1.1691E+03 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.125 AVE HT= 233.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
1300
1325
1275
1250
1225
1200
1175
1150
1125
1100
LOCAL TIME
MIN,MAX= 1.0743E+03 1.5450E+03 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

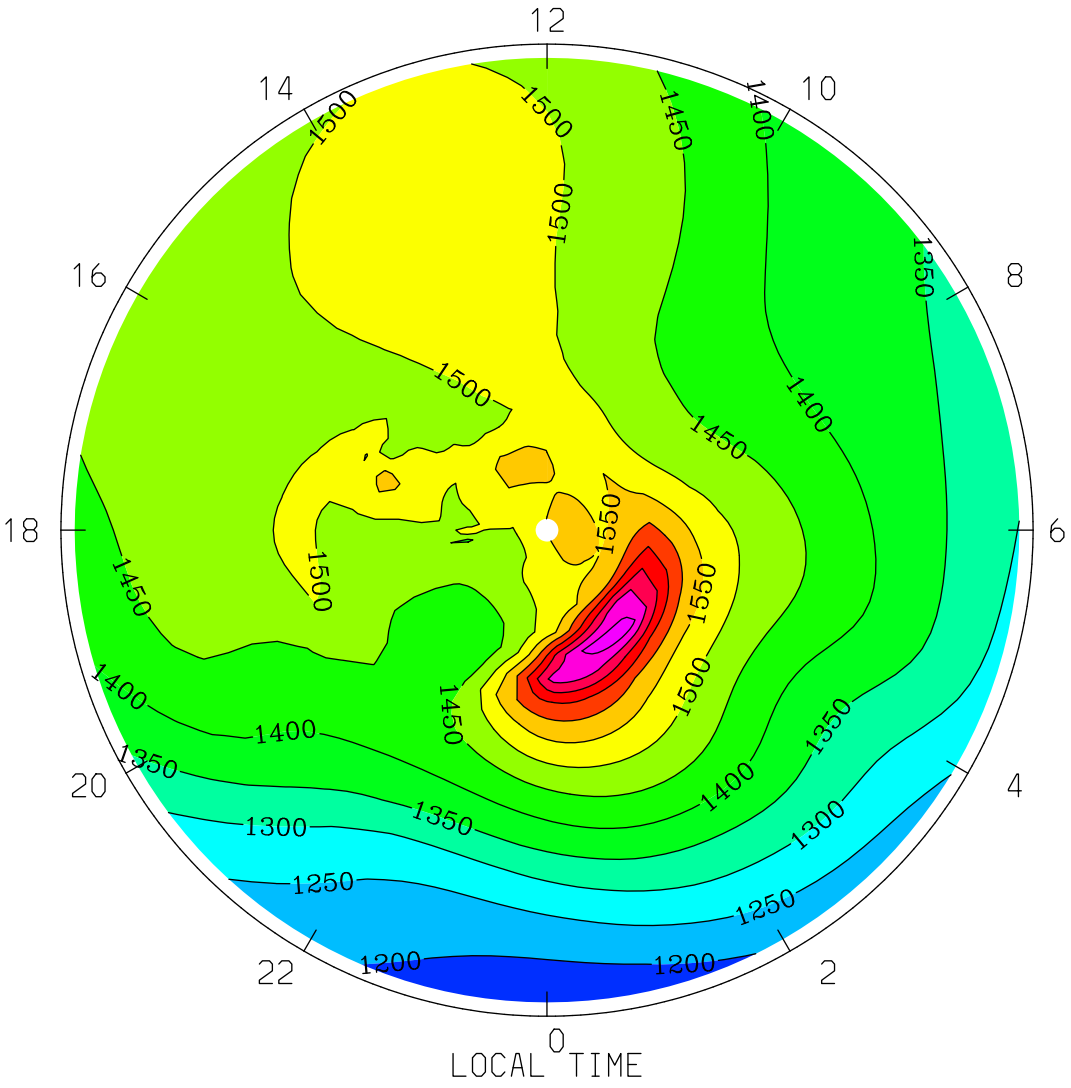

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= 1.875 AVE HT= 343.7
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
1550
1500
1450
1600
1400
1350
1300
1250
1200
1150
1100
1050
1000
950
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.4511E+02 1.8364E+03 INTERVAL= 5.0000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 9.4511E+02 1.2729E+03 INTERVAL= 2.5000E+01

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

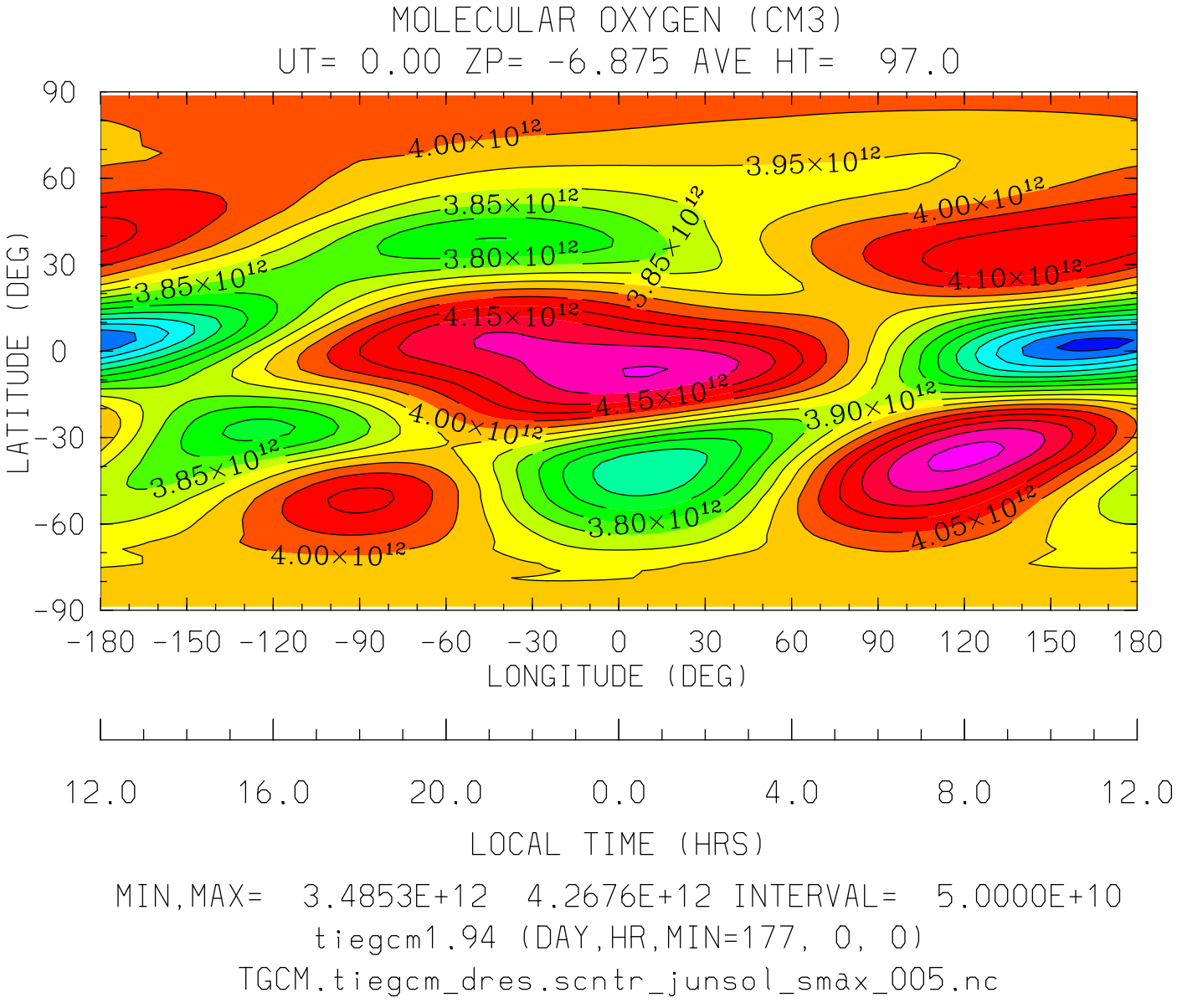
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.1695E+03 1.8364E+03 INTERVAL= 5.0000E+01

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

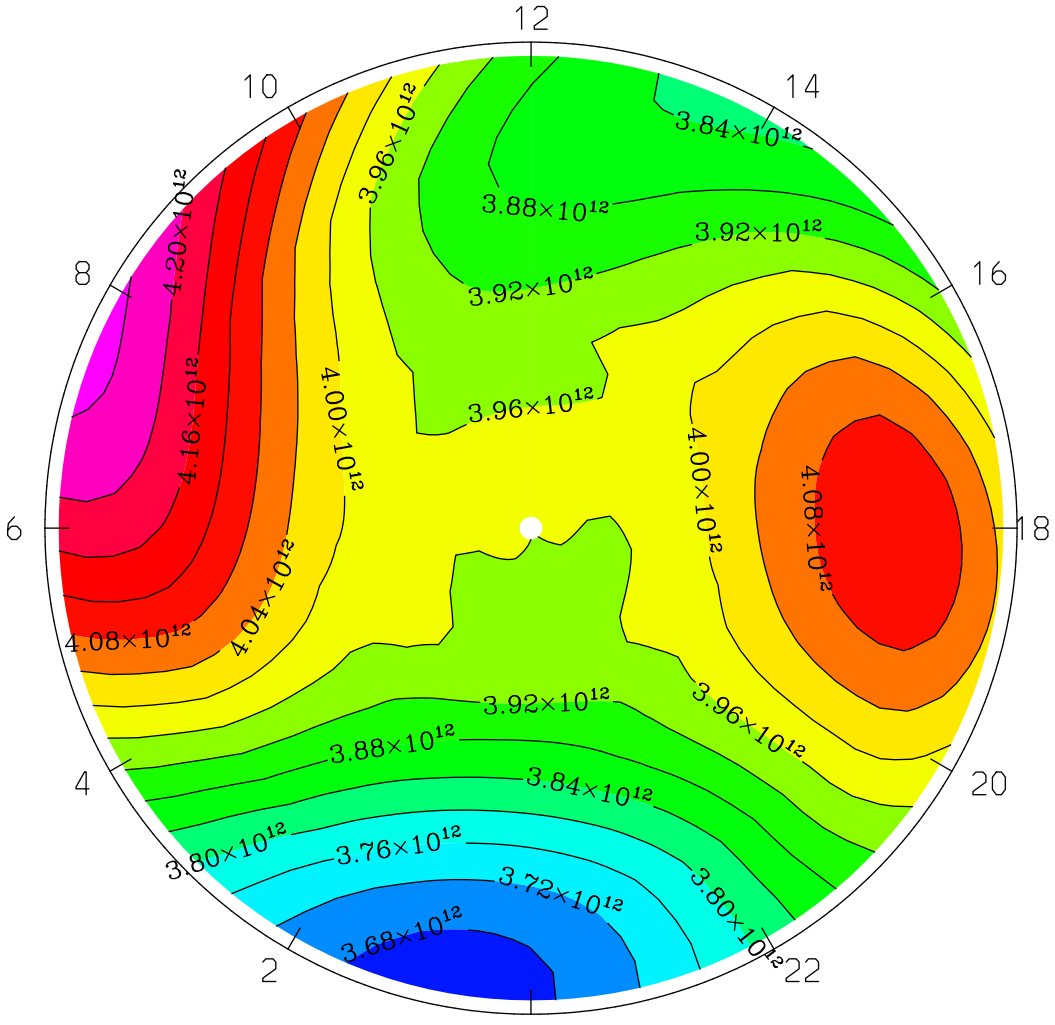


MIN,MAX= 3.4853E+12 4.2676E+12 INTERVAL= 5.0000E+10

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

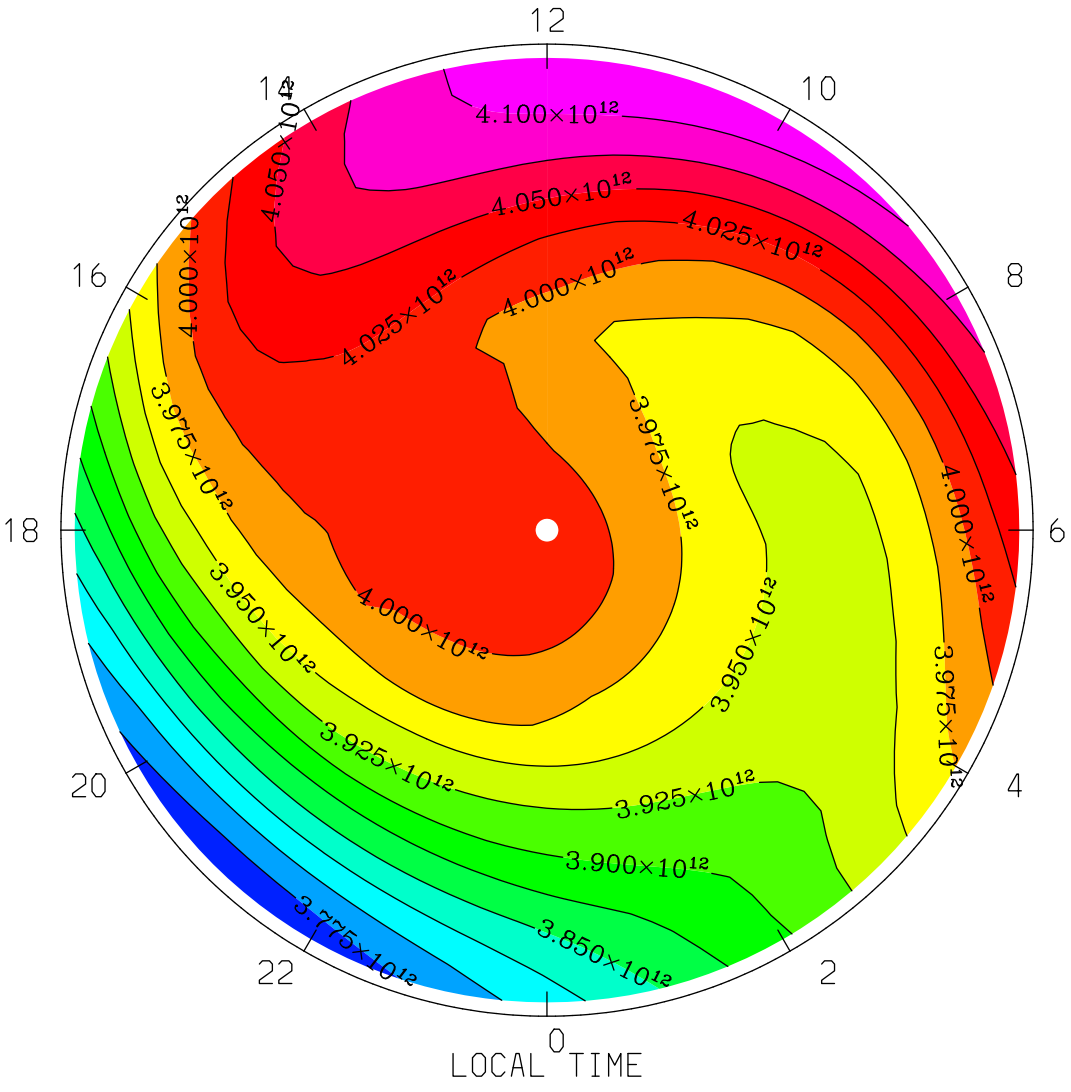
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

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



LOCAL TIME

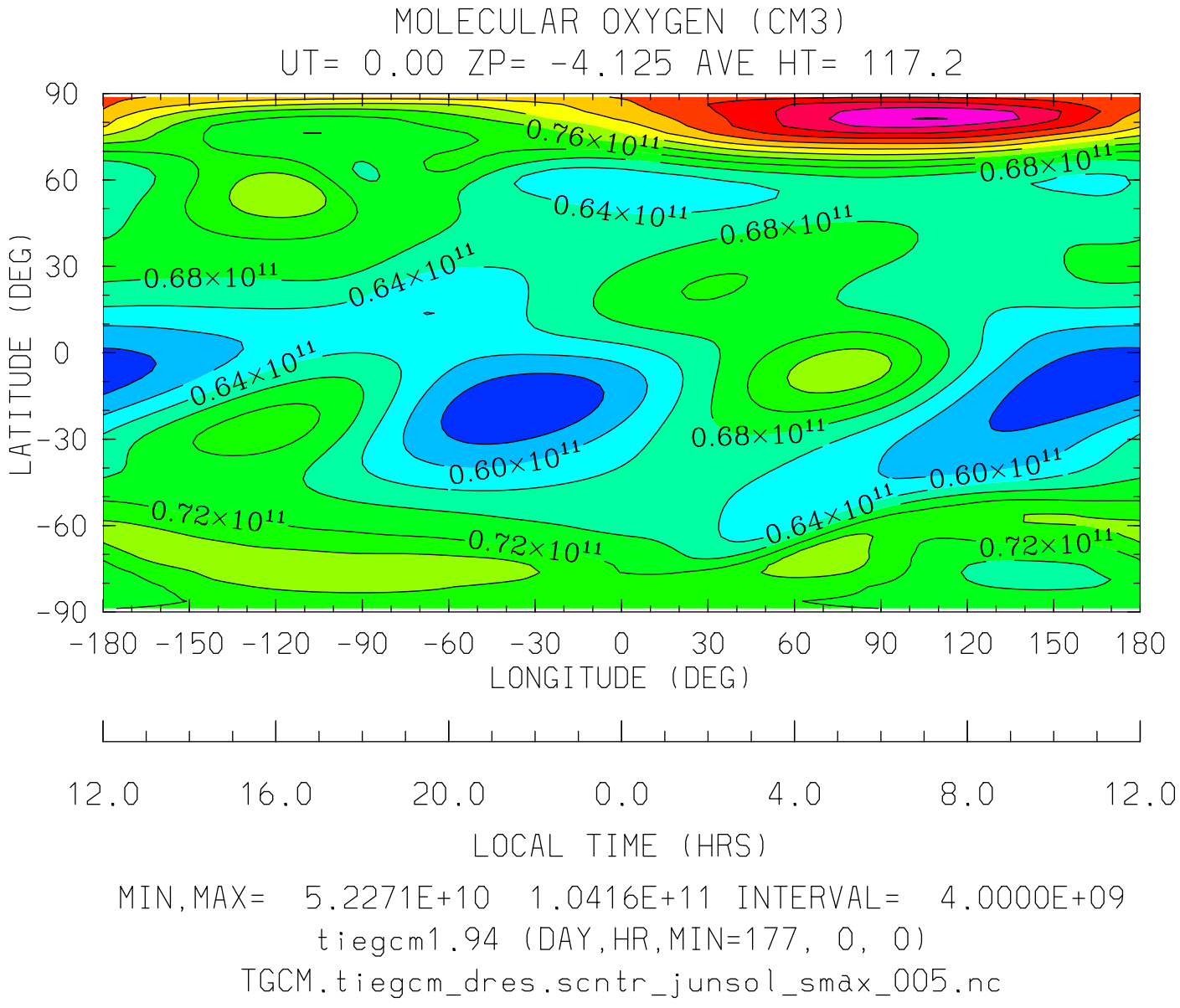
MIN,MAX= 3.6599E+12 4.2526E+12 INTERVAL= 4.0000E+10
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 3.7553E+12 4.1239E+12 INTERVAL= 2.5000E+10

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

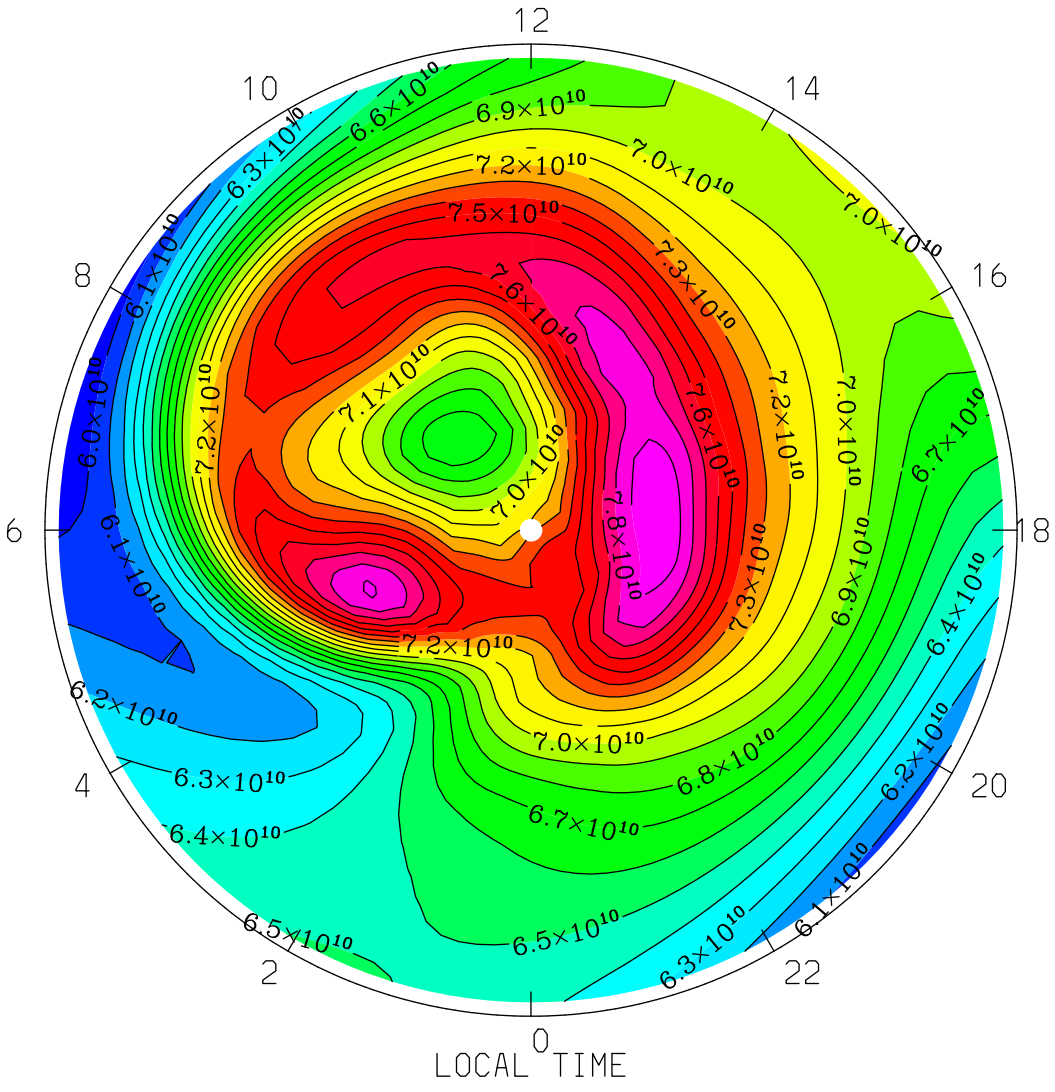
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 5.2271E+10 1.0416E+11 INTERVAL= 4.0000E+09

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

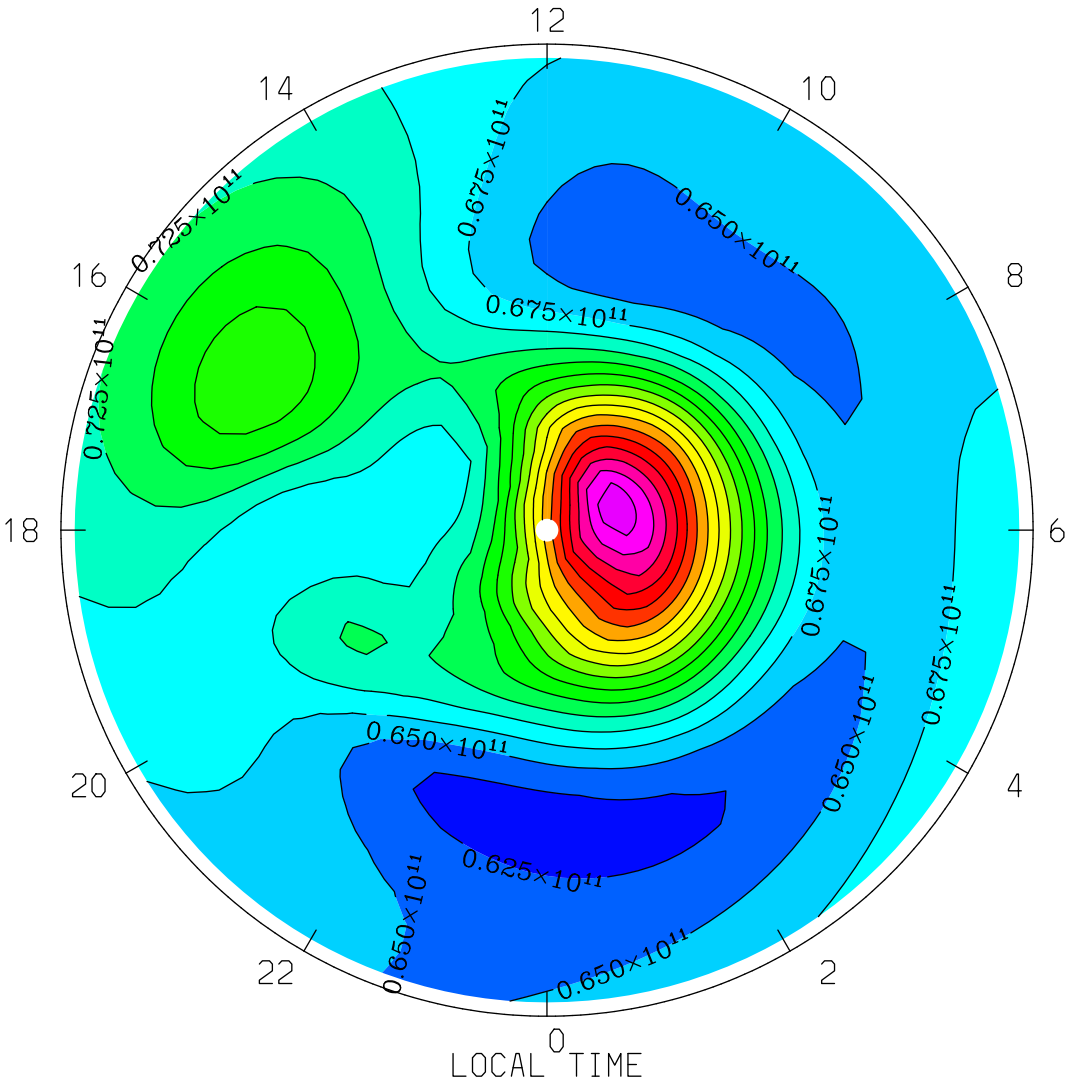
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 5.9159E+10 7.9869E+10 INTERVAL= 1.0000E+09

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

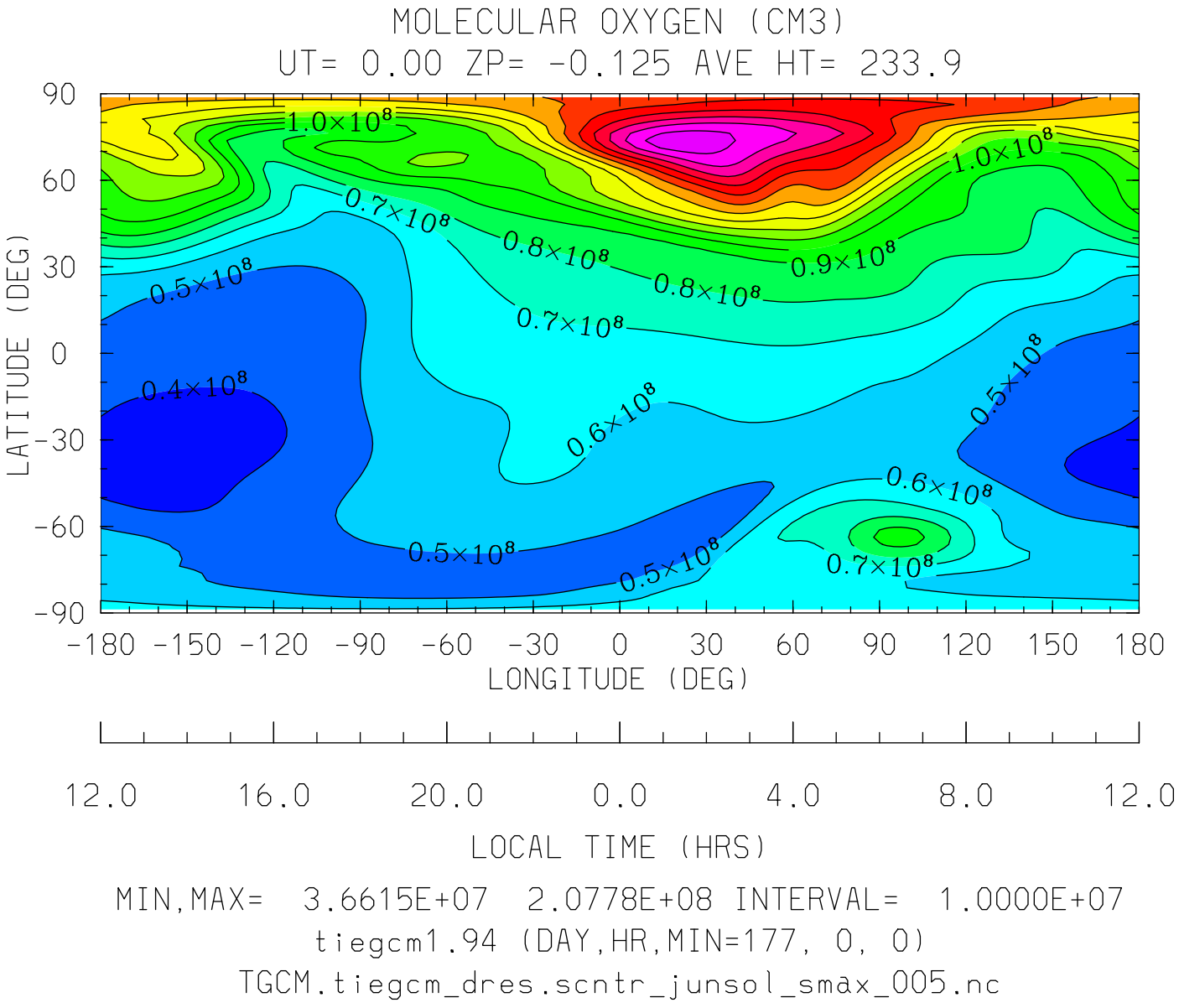
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 6.1332E+10 1.0416E+11 INTERVAL= 2.5000E+09

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

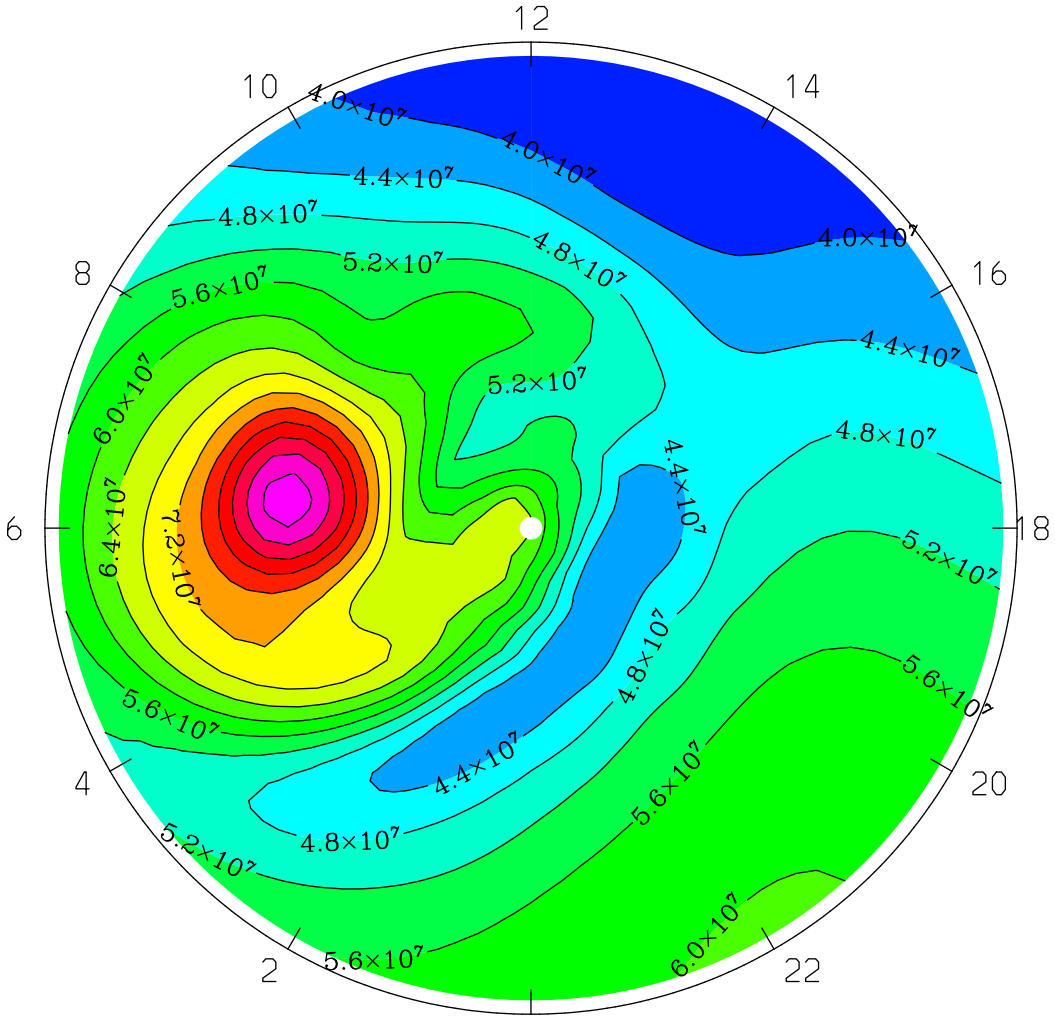


MIN,MAX= 3.6615E+07 2.0778E+08 INTERVAL= 1.0000E+07

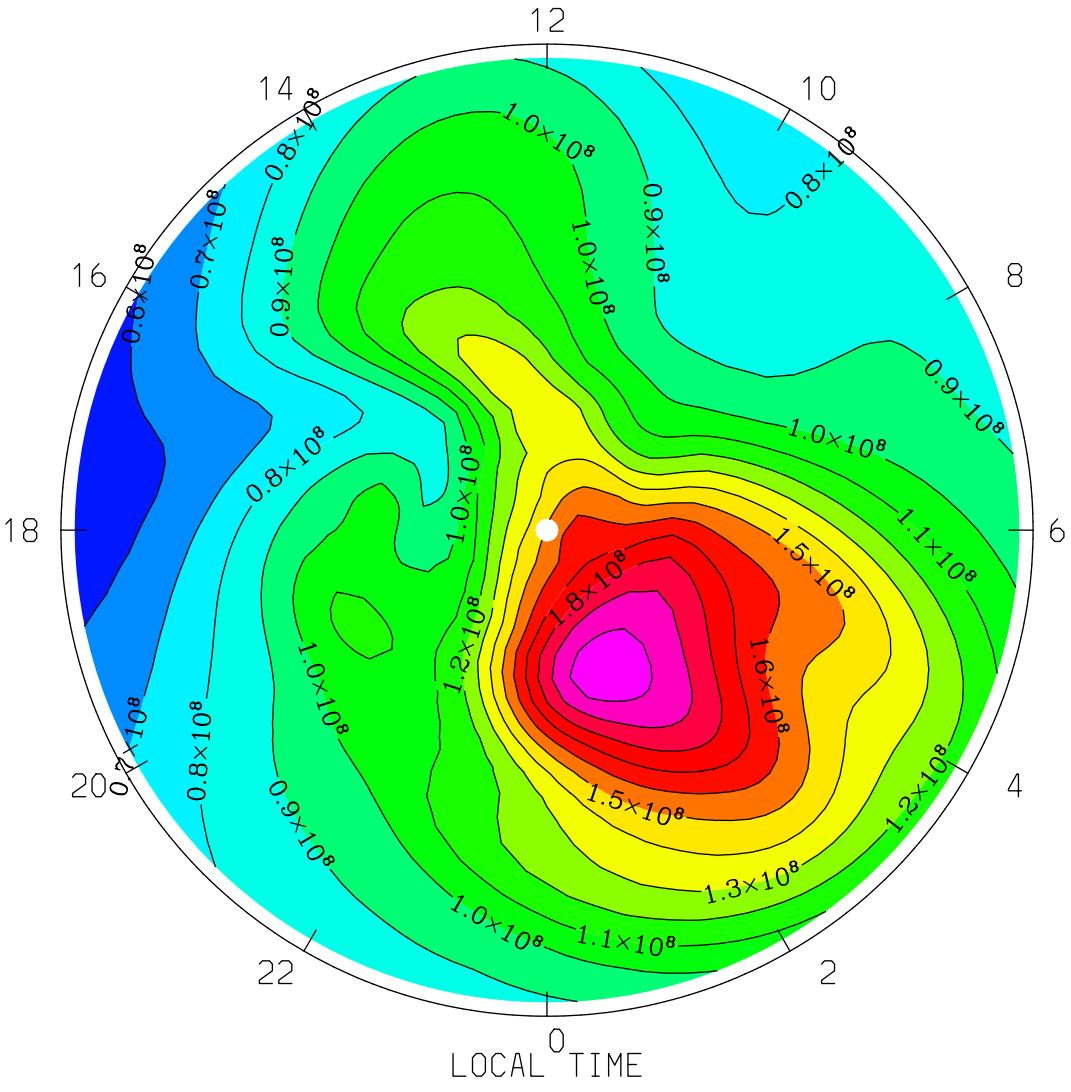
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 233.9 PERIM-LAT=-40.0



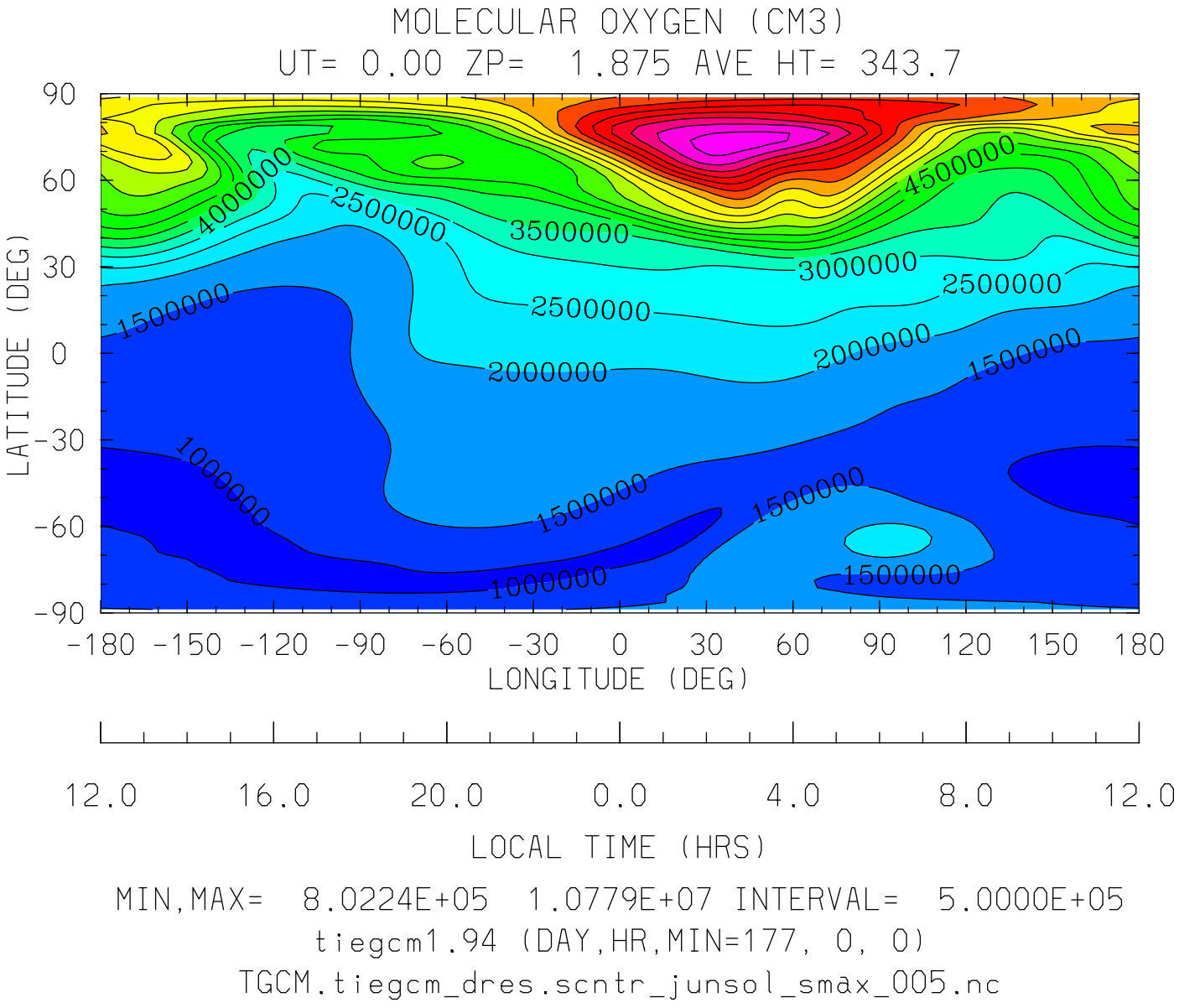
MIN,MAX= 3.6615E+07 9.4360E+07 INTERVAL= 4.0000E+06
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 5.5394E+07 2.0778E+08 INTERVAL= 1.0000E+07

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

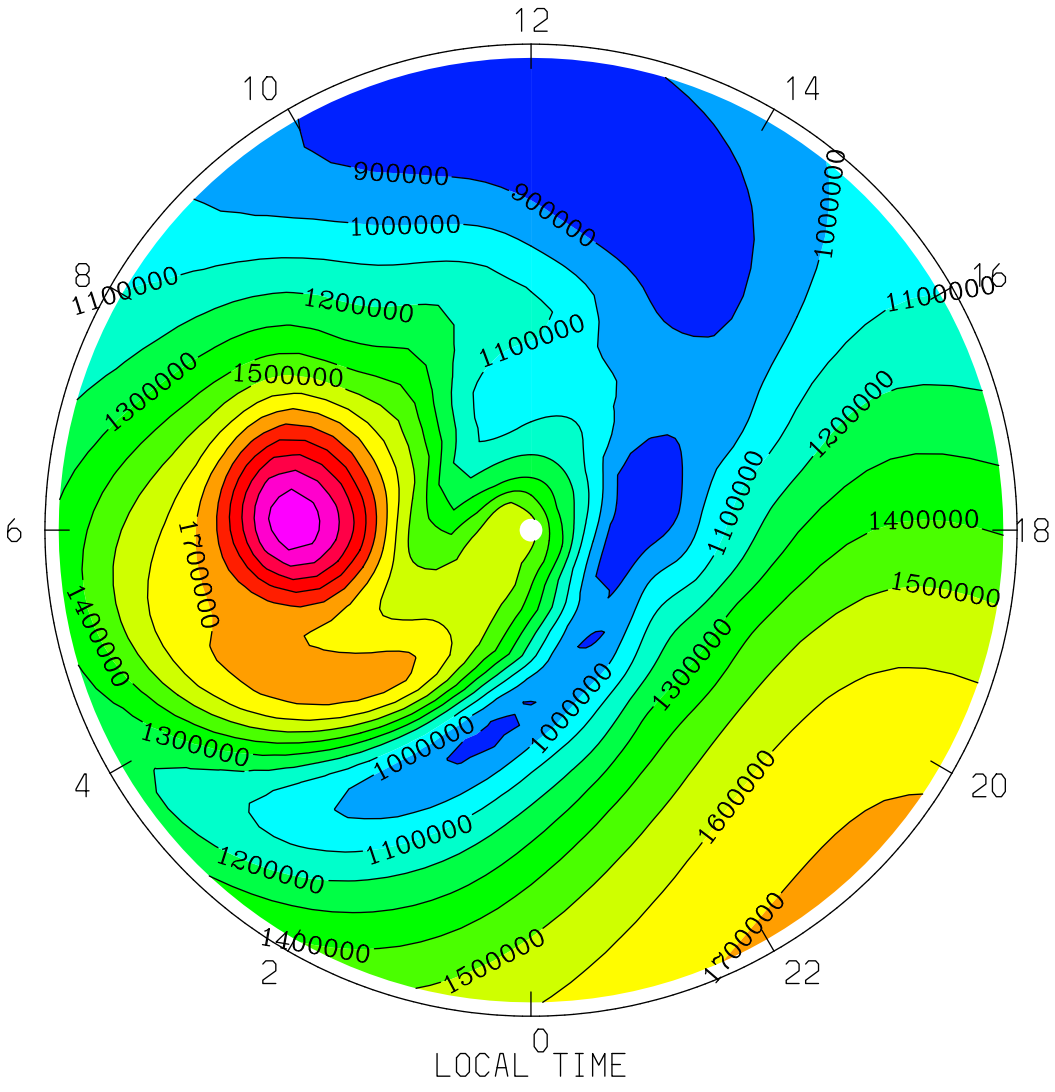
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

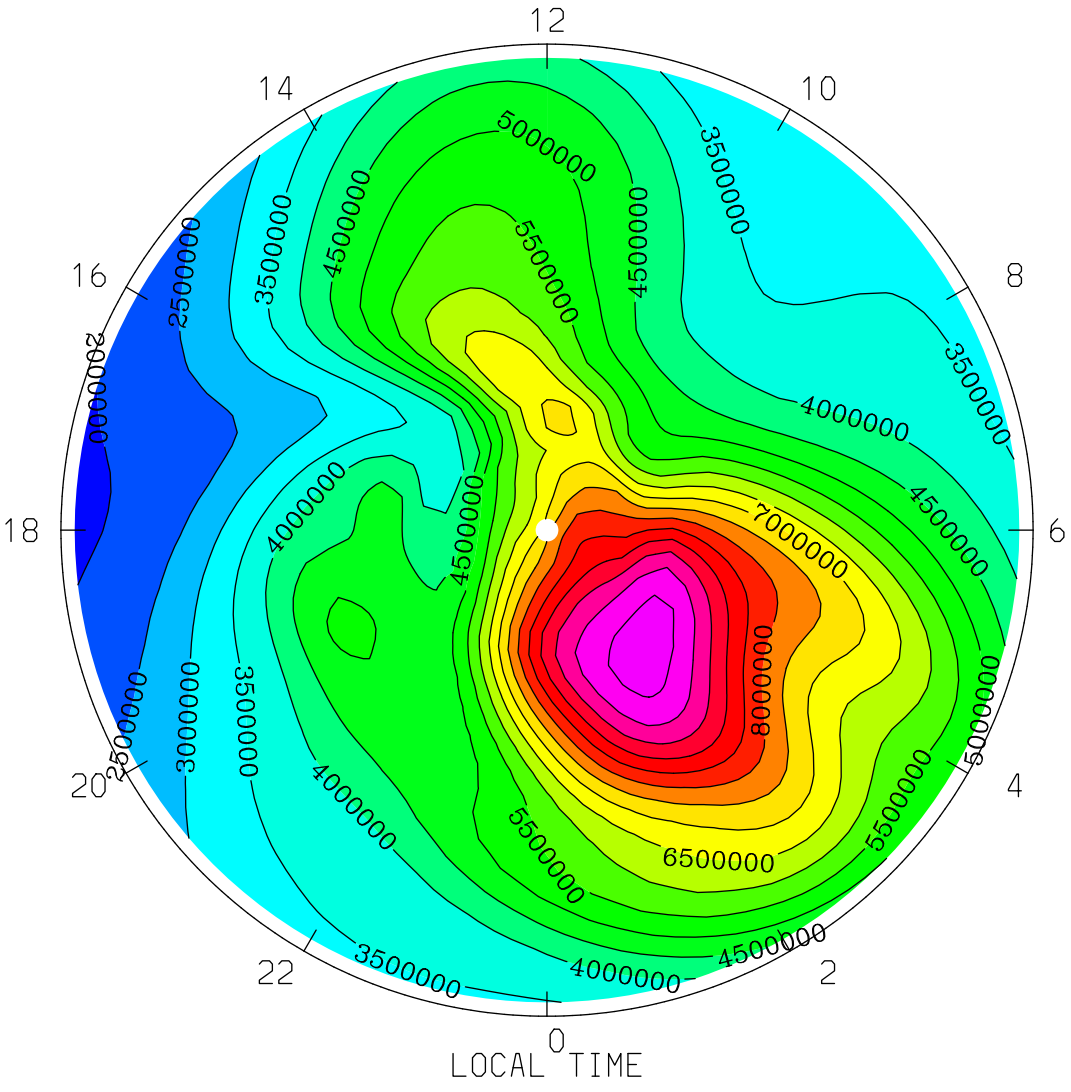


MIN,MAX= 8.0224E+05 1.0779E+07 INTERVAL= 5.0000E+05

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

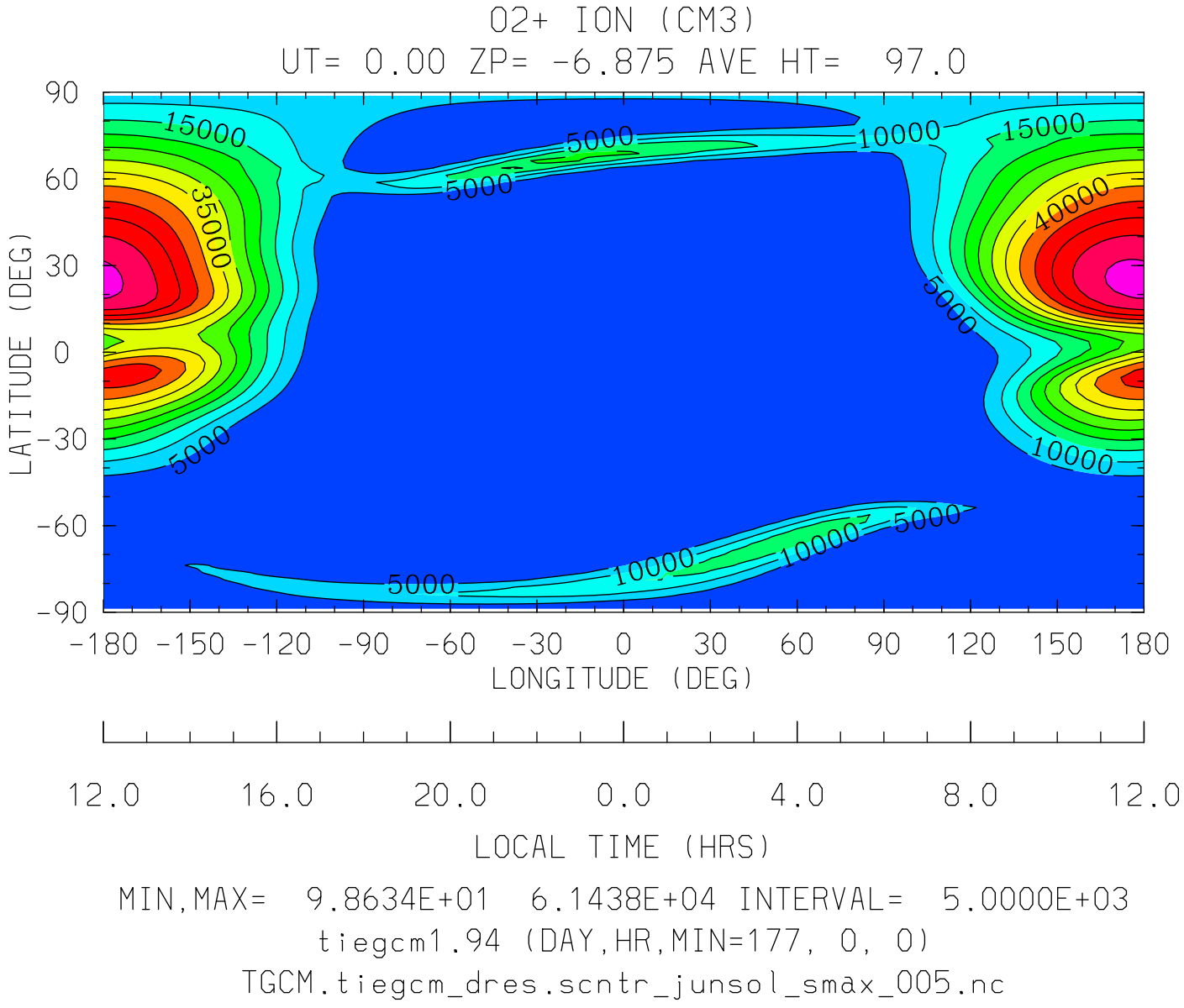

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 343.7 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
900000
1000000
1100000
1200000
1300000
1400000
1500000
1600000
1700000
LOCAL TIME
MIN,MAX= 8.0224E+05 2.2758E+06 INTERVAL= 1.0000E+05
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.9234E+06 1.0779E+07 INTERVAL= 5.0000E+05

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

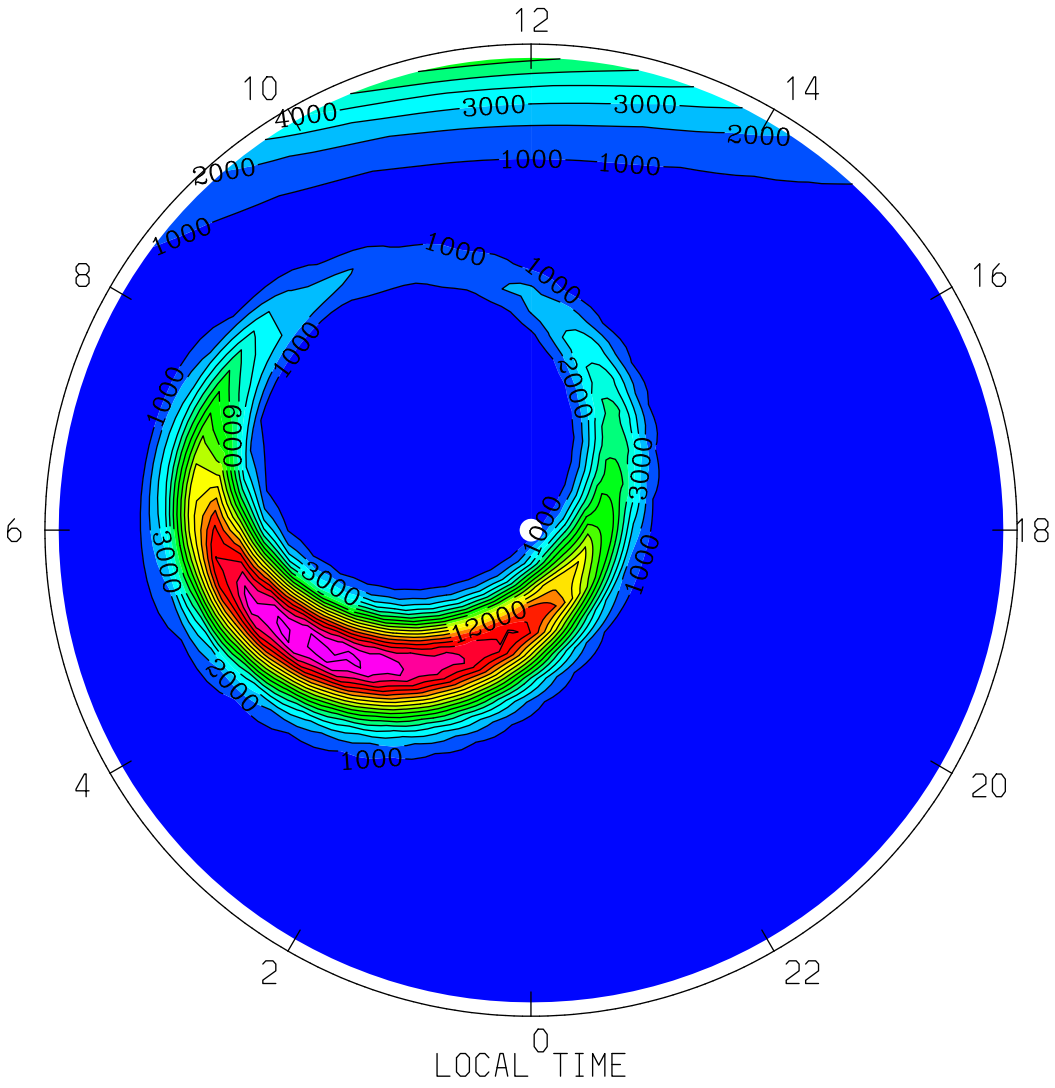
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 9.8634E+01 6.1438E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

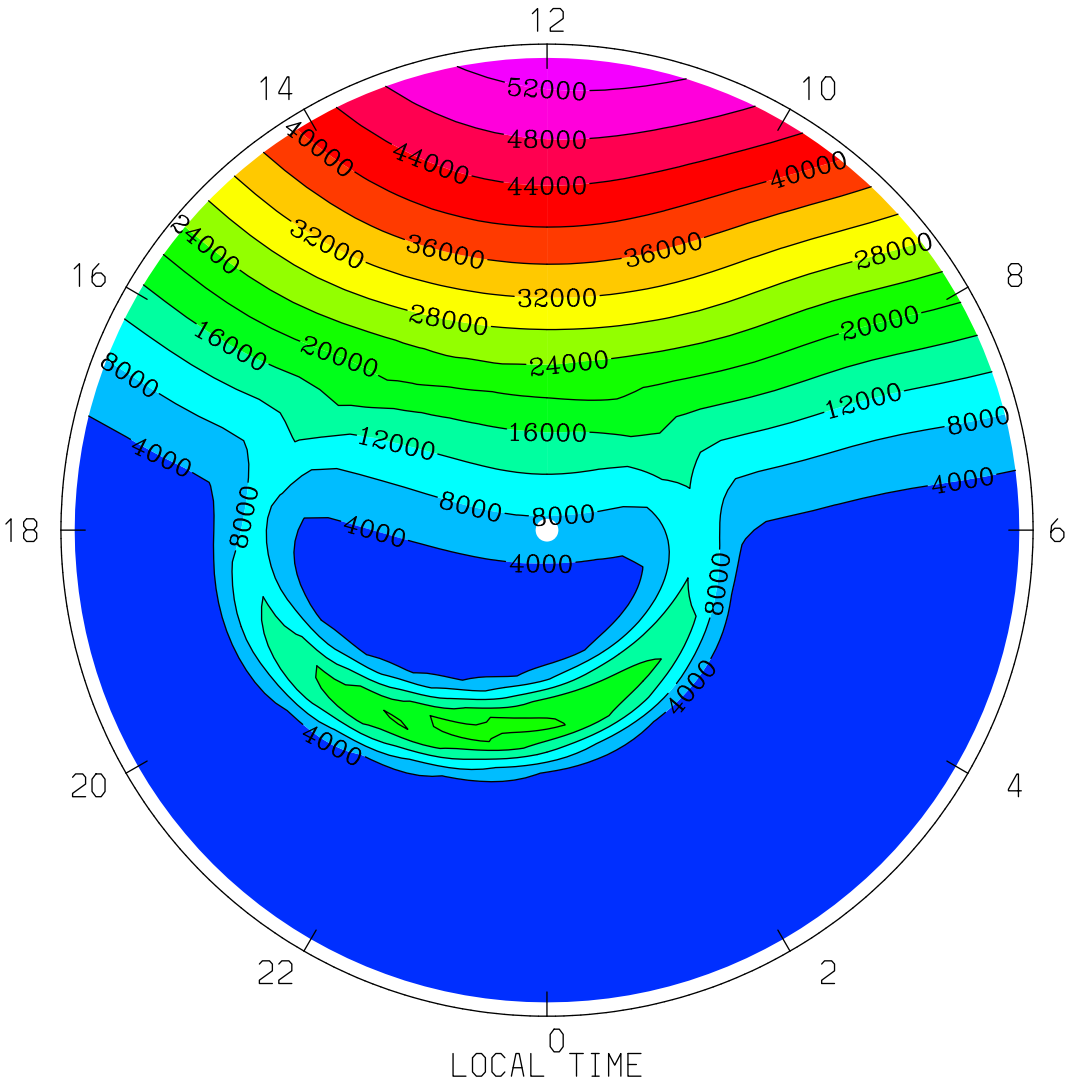
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

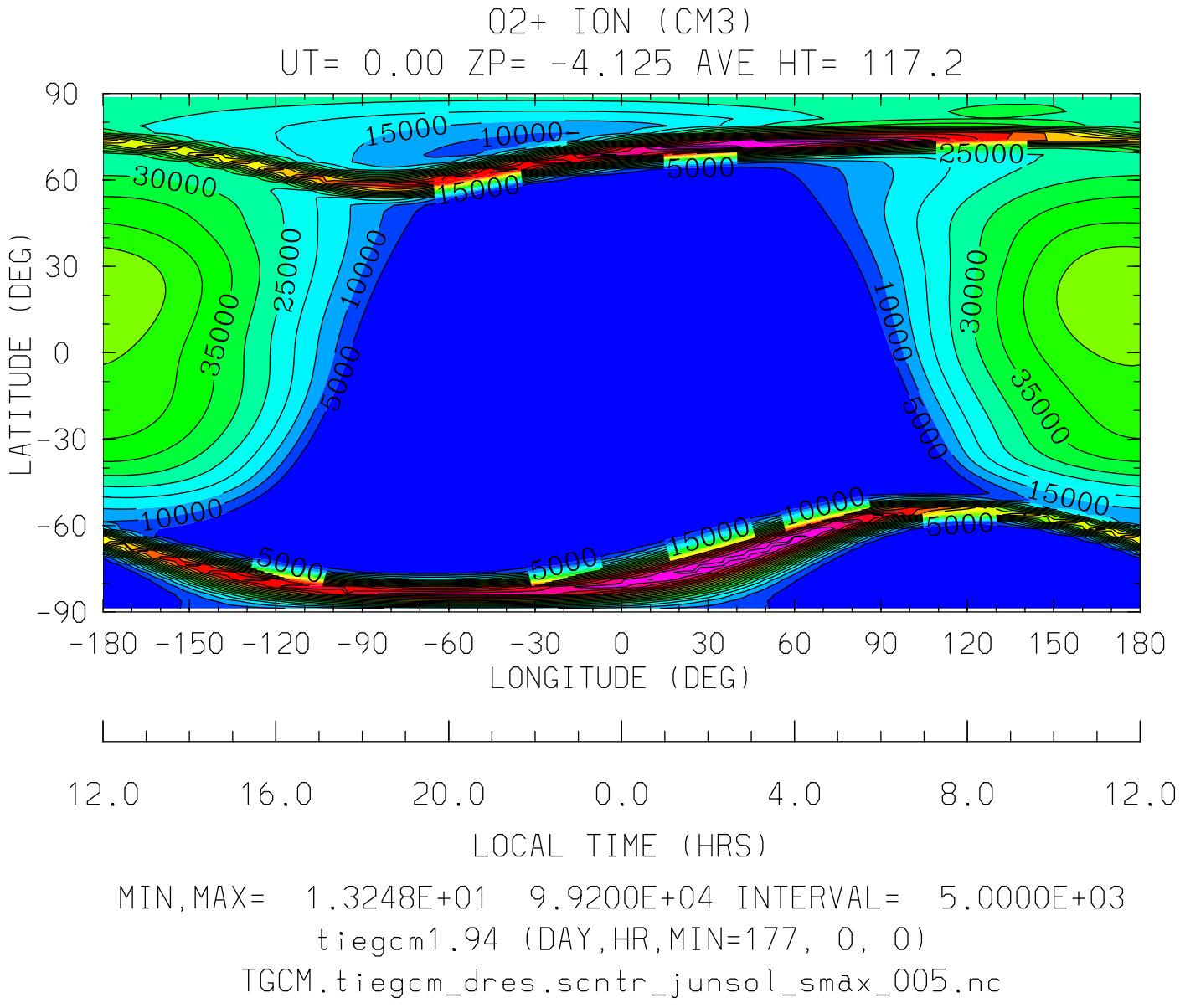


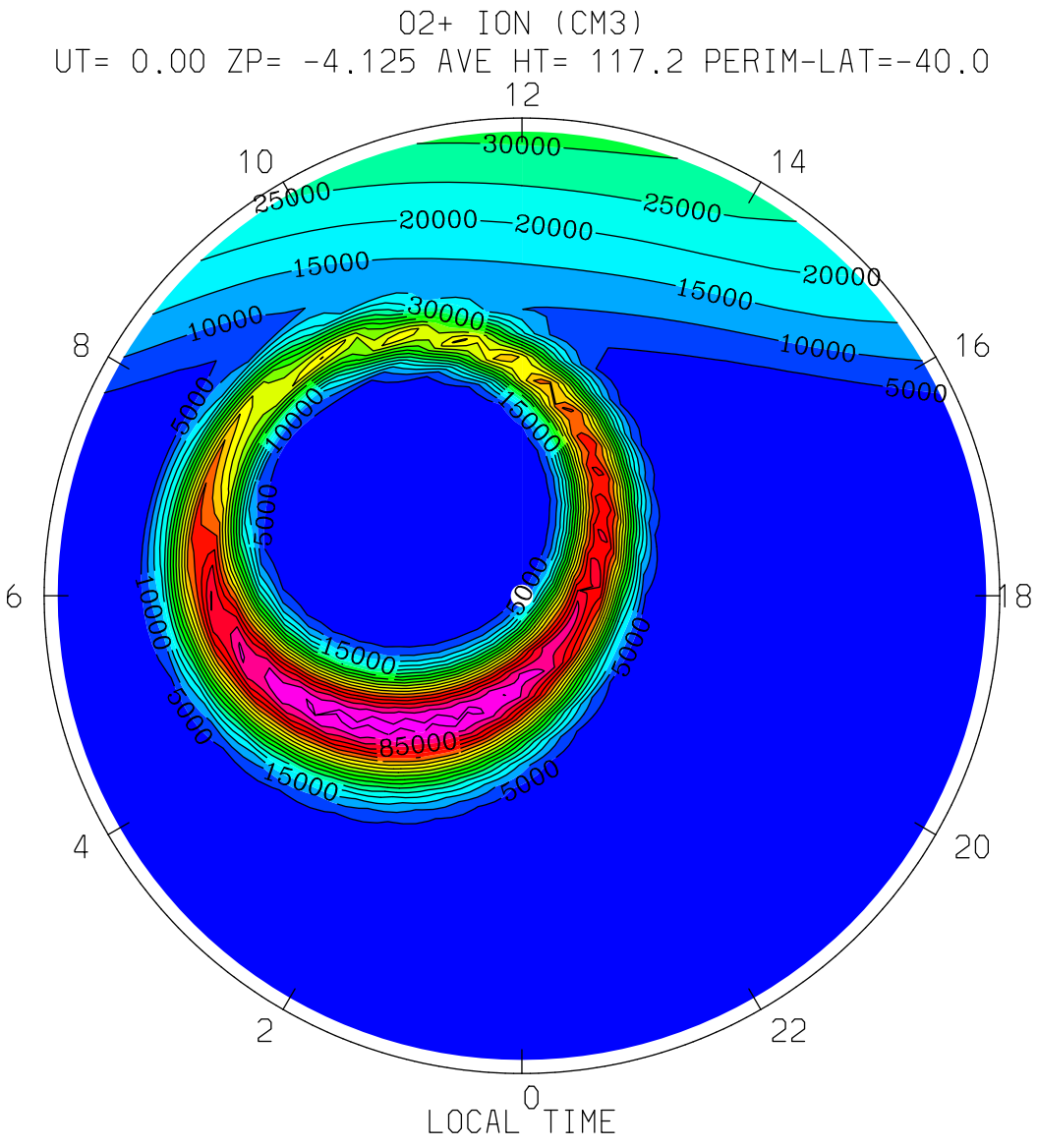
MIN,MAX= 1.0489E+02 1.8687E+04 INTERVAL= 1.0000E+03

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


O2+ ION (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
52000
48000
44000
40000
36000
32000
28000
24000
20000
16000
12000
8000
4000
LOCAL TIME
MIN,MAX= 1.0759E+02 5.4417E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

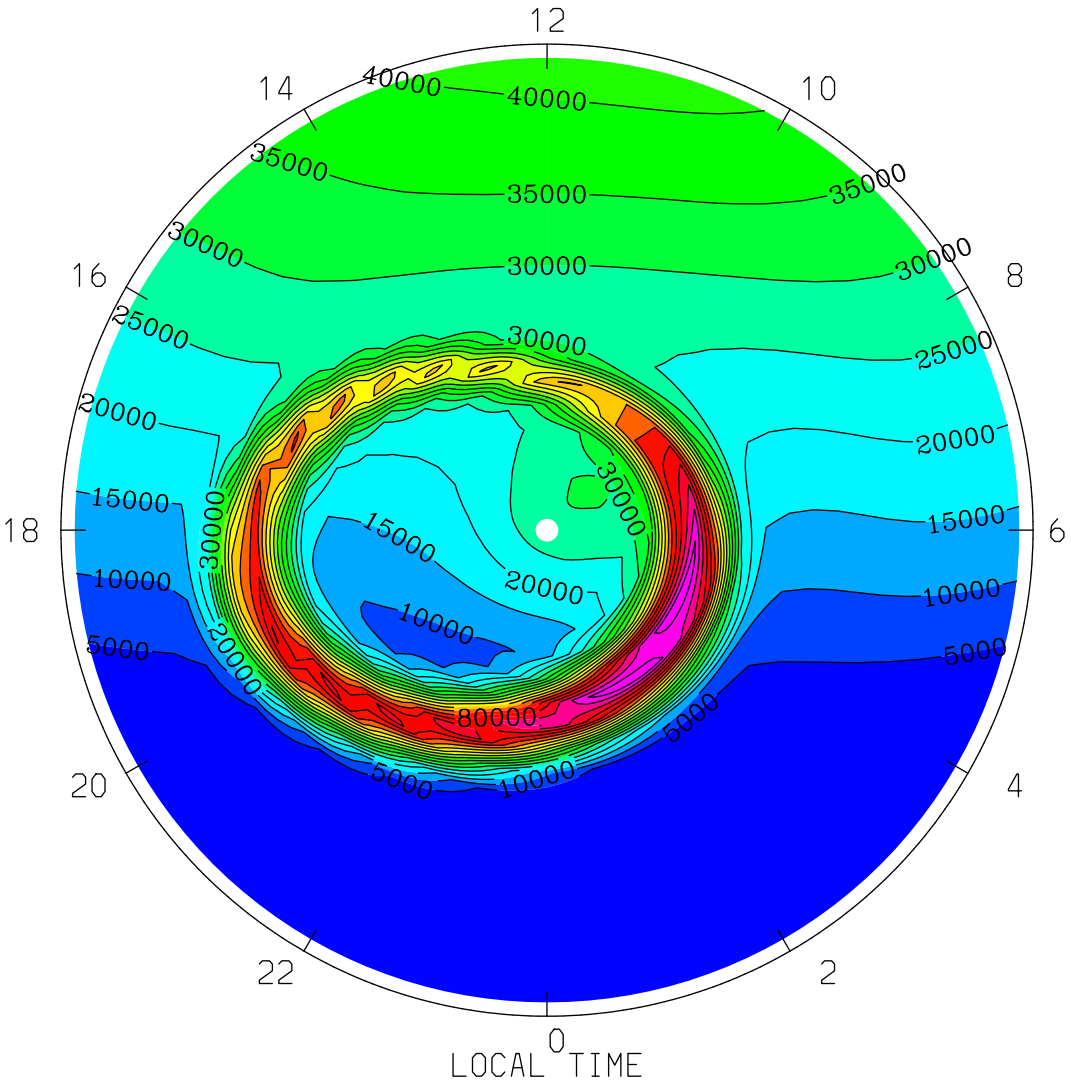

O2+ ION (CM3)
UT= 0.00 ZP= -4.125 AVE HT= 117.2
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.3248E+01 9.9200E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 2.9343E+01 9.7549E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

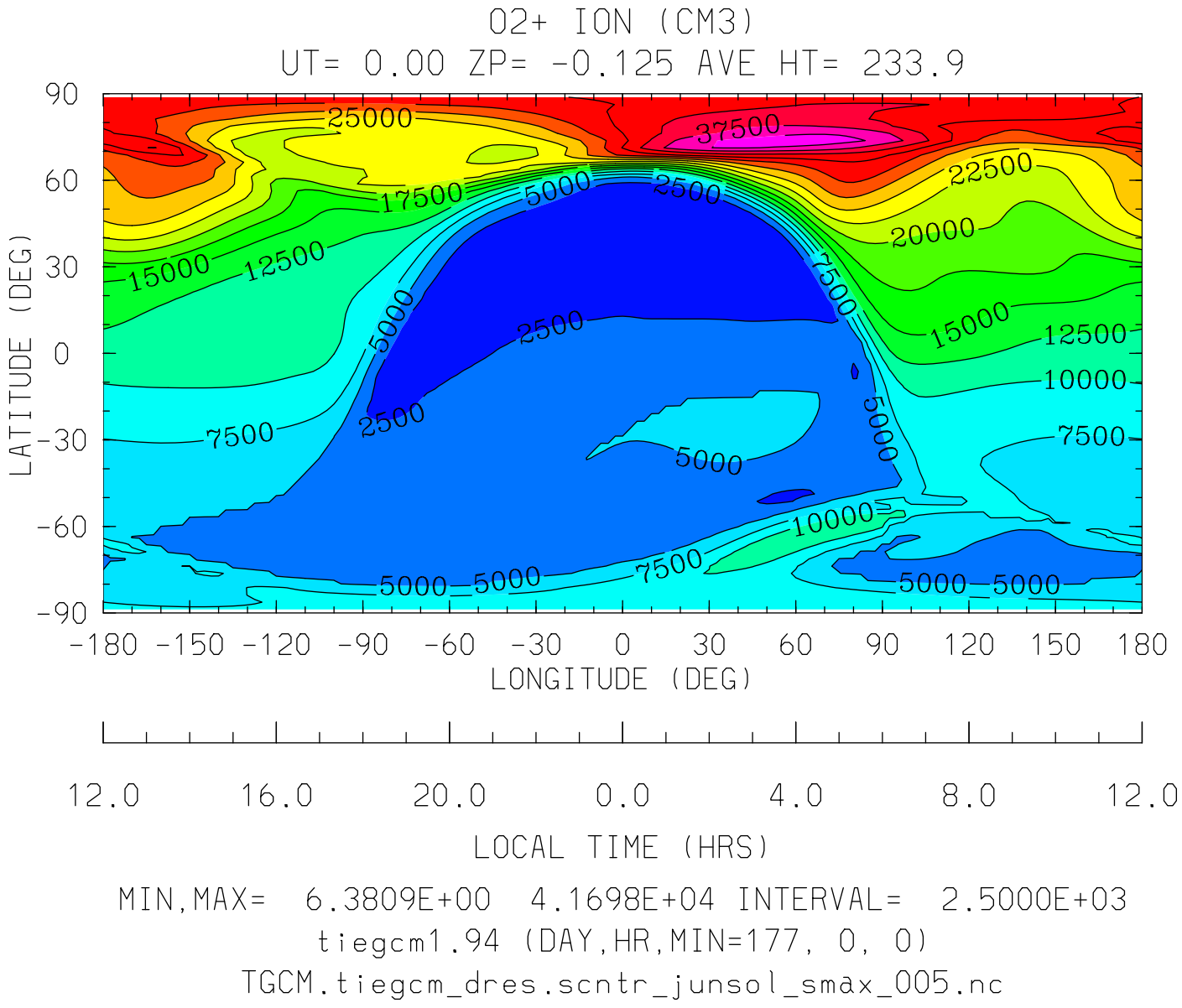
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.3248E+01 9.9200E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

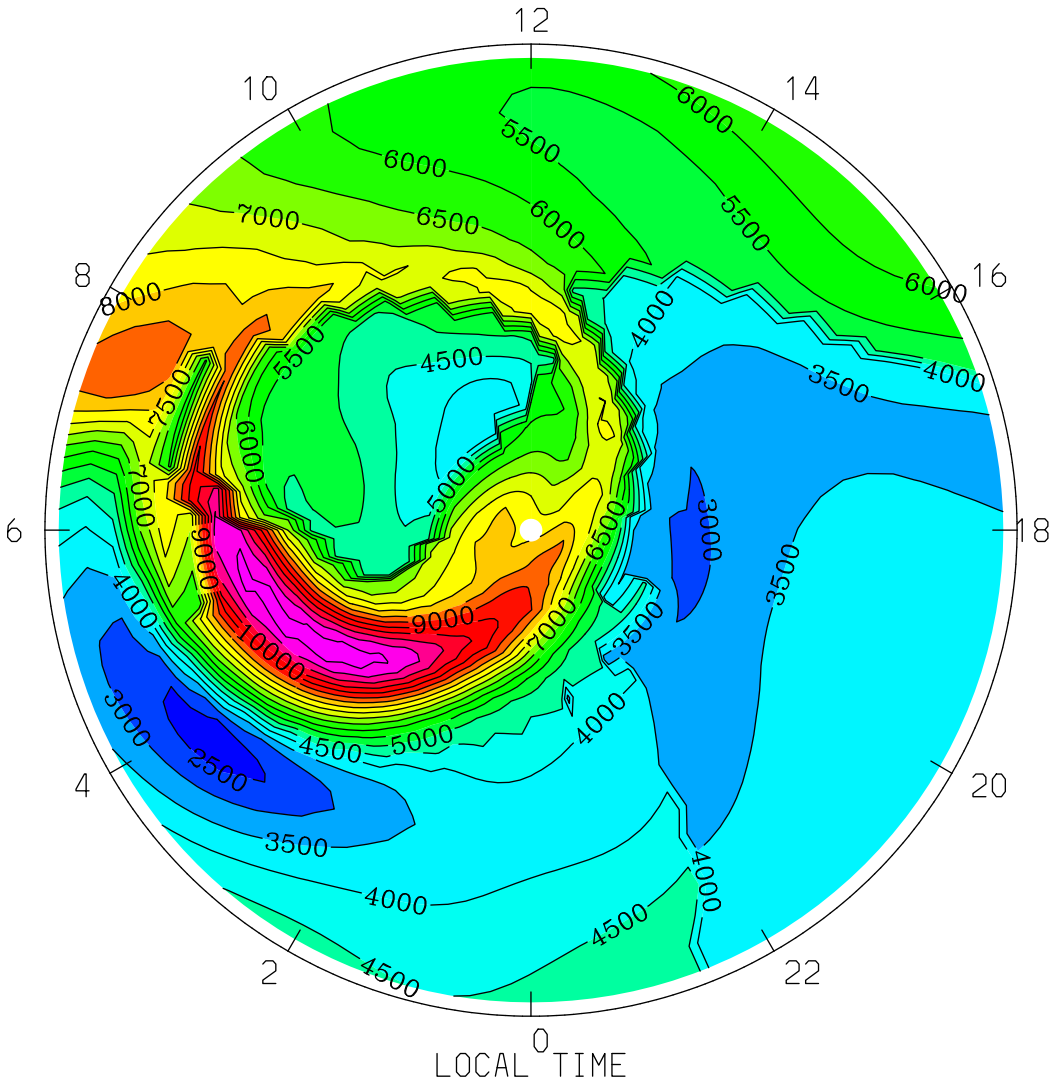
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

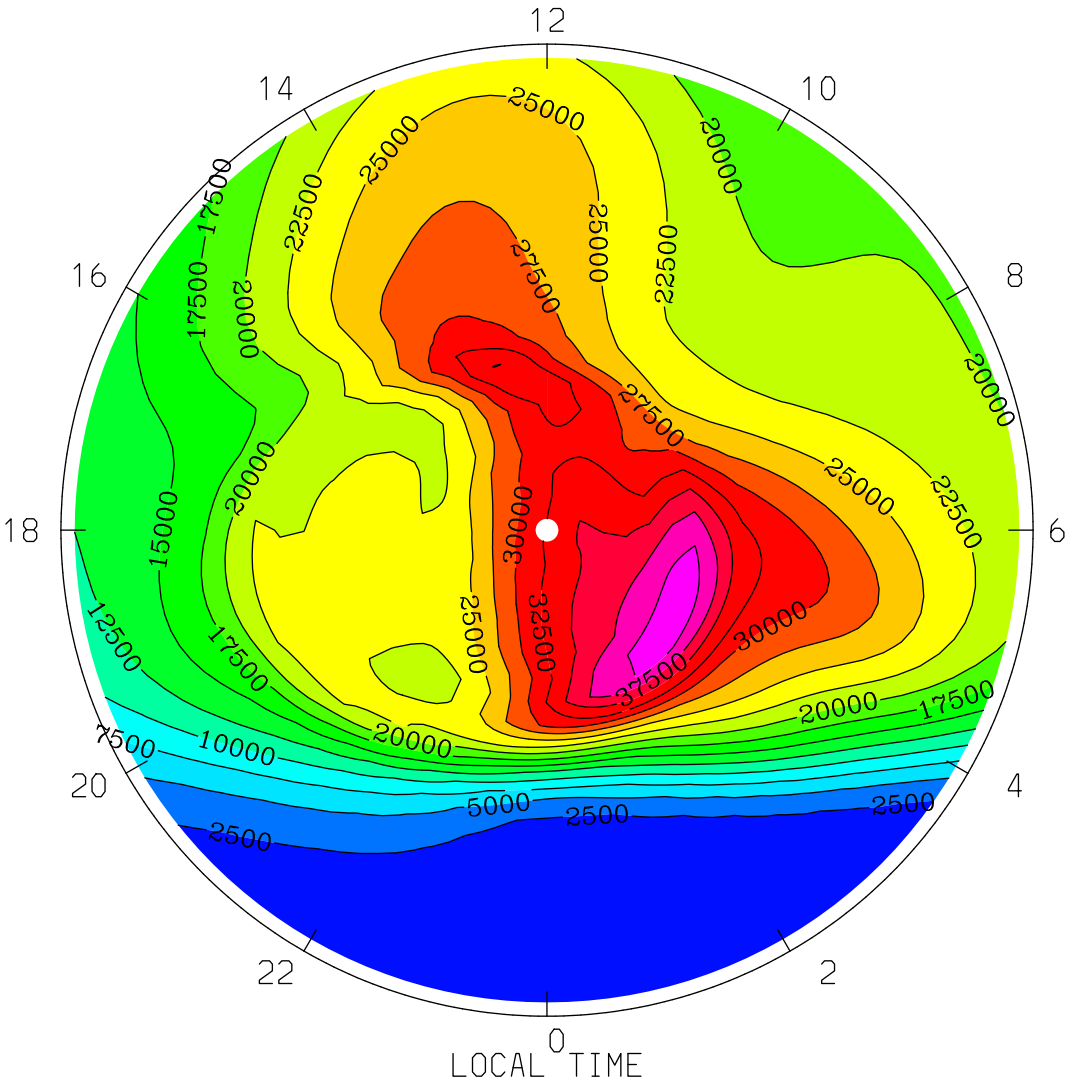


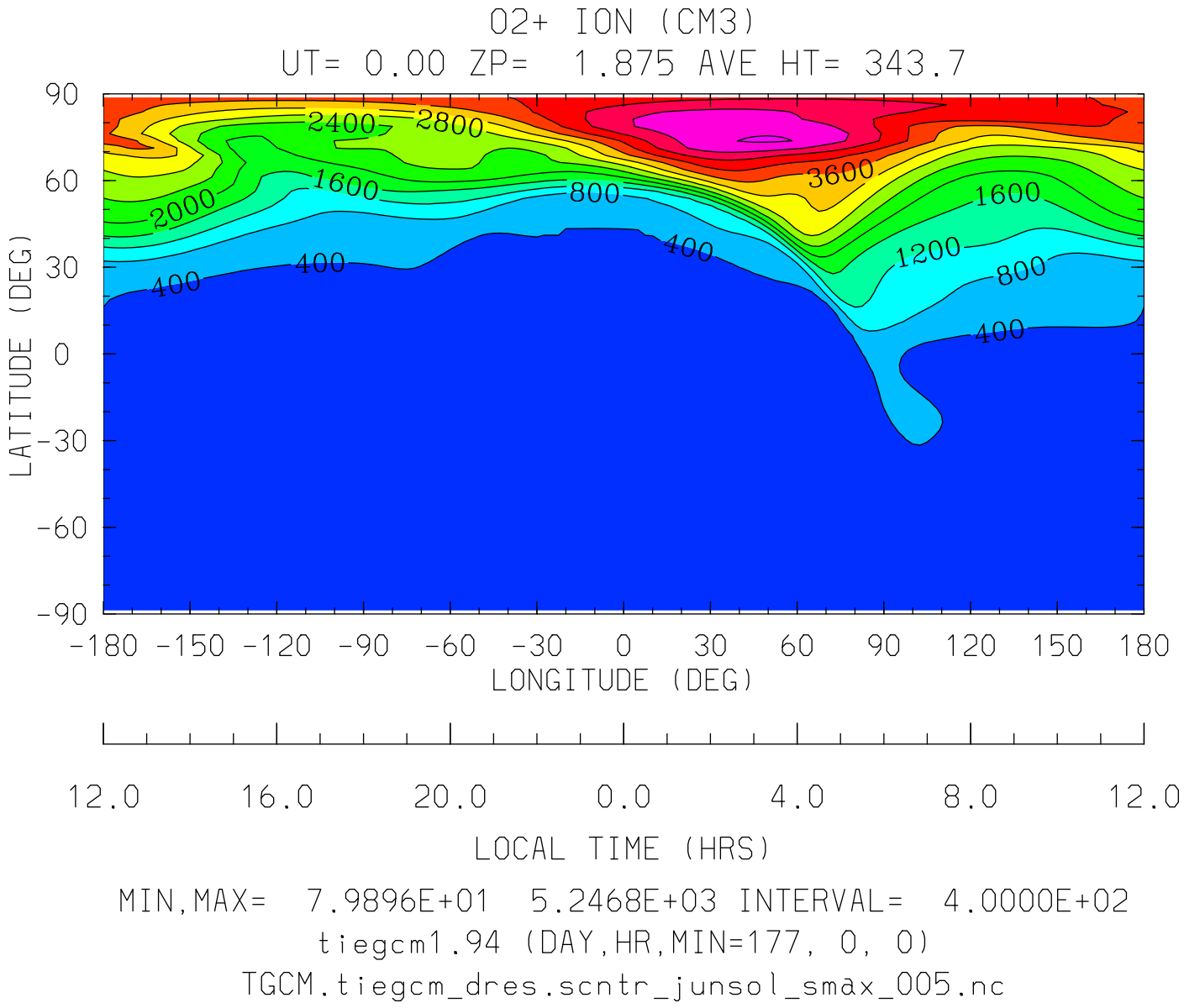
MIN,MAX= 6.3809E+00 4.1698E+04 INTERVAL= 2.5000E+03

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


O2+ ION (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 233.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 2.2453E+03 1.1792E+04 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

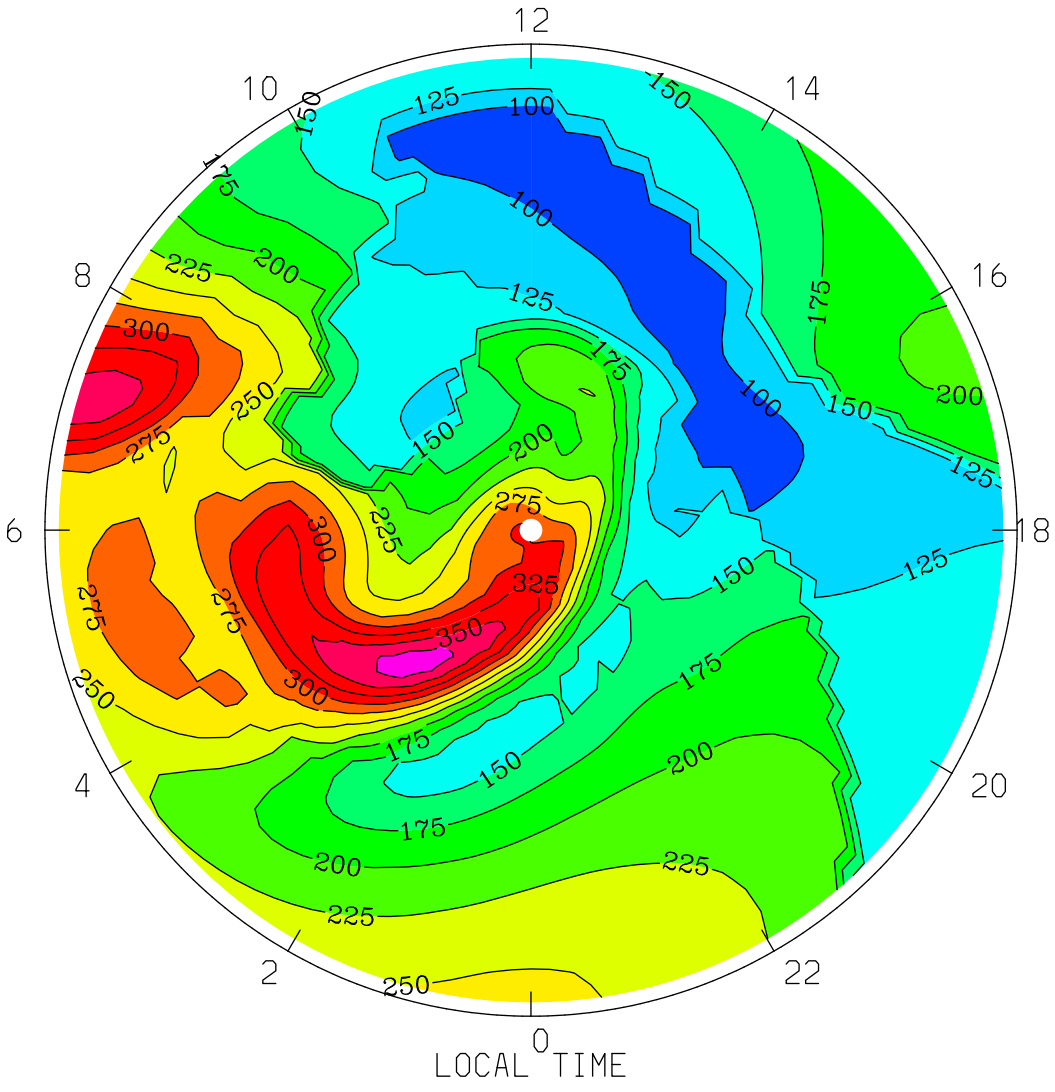

O2+ ION (CM3)
UT= 0.00 ZP= -0.125 AVE HT= 233.9 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 3.6122E+01 4.1698E+04 INTERVAL= 2.5000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

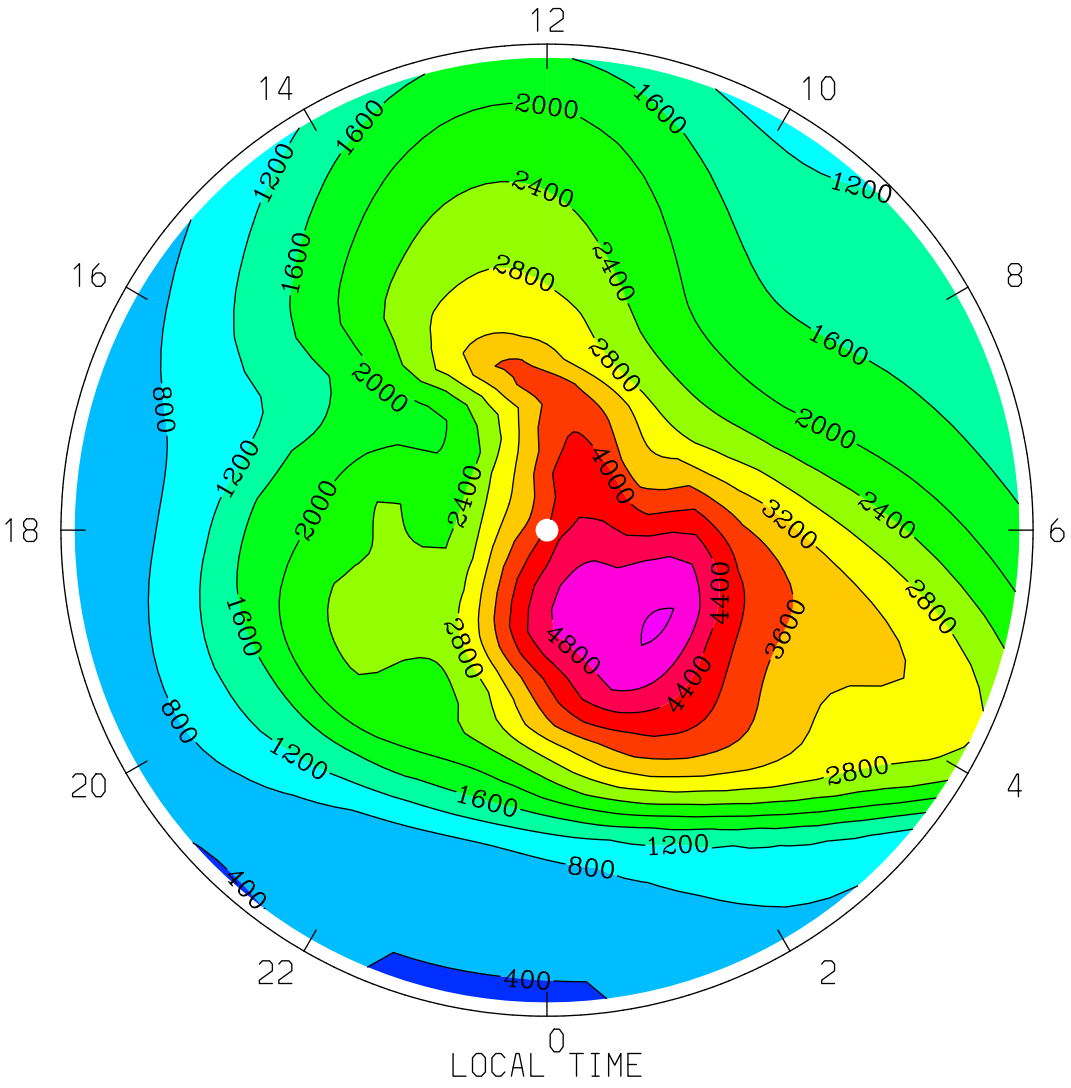


MIN,MAX= 7.9896E+01 5.2468E+03 INTERVAL= 4.0000E+02

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

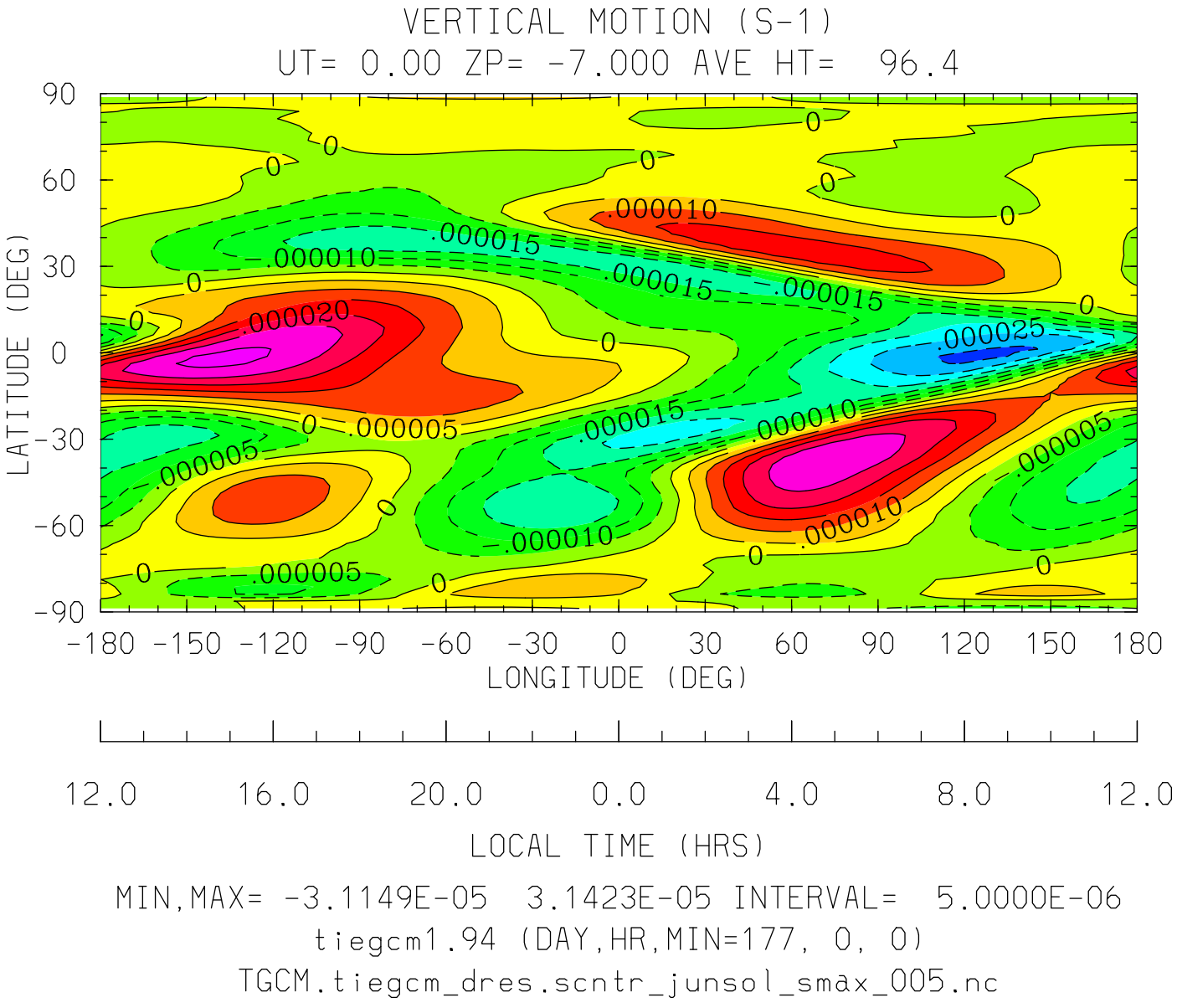

O2+ ION (CM3)
UT= 0.00 ZP= 1.875 AVE HT= 343.7 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 7.9896E+01 3.8870E+02 INTERVAL= 2.5000E+01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



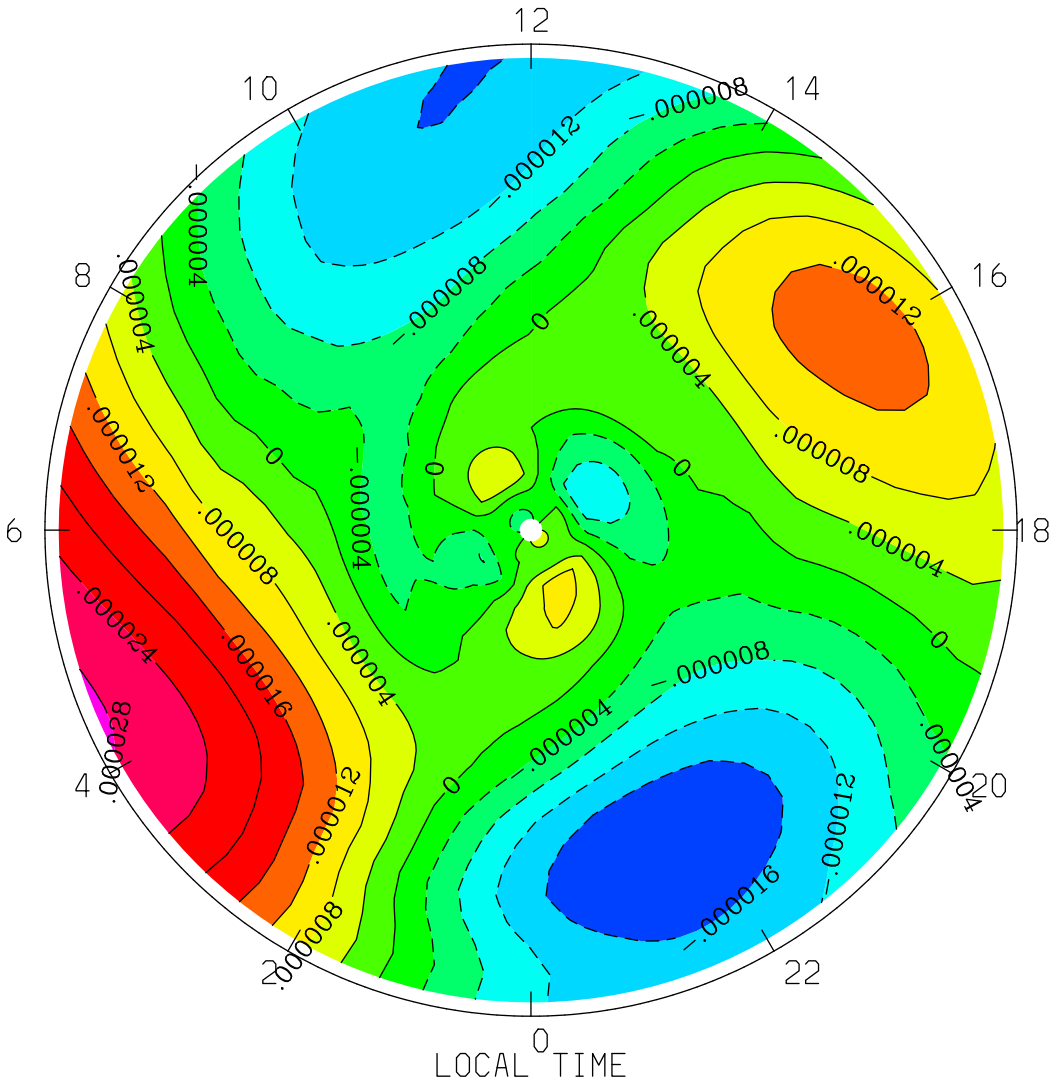
MIN,MAX= 2.9123E+02 5.2468E+03 INTERVAL= 4.0000E+02

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

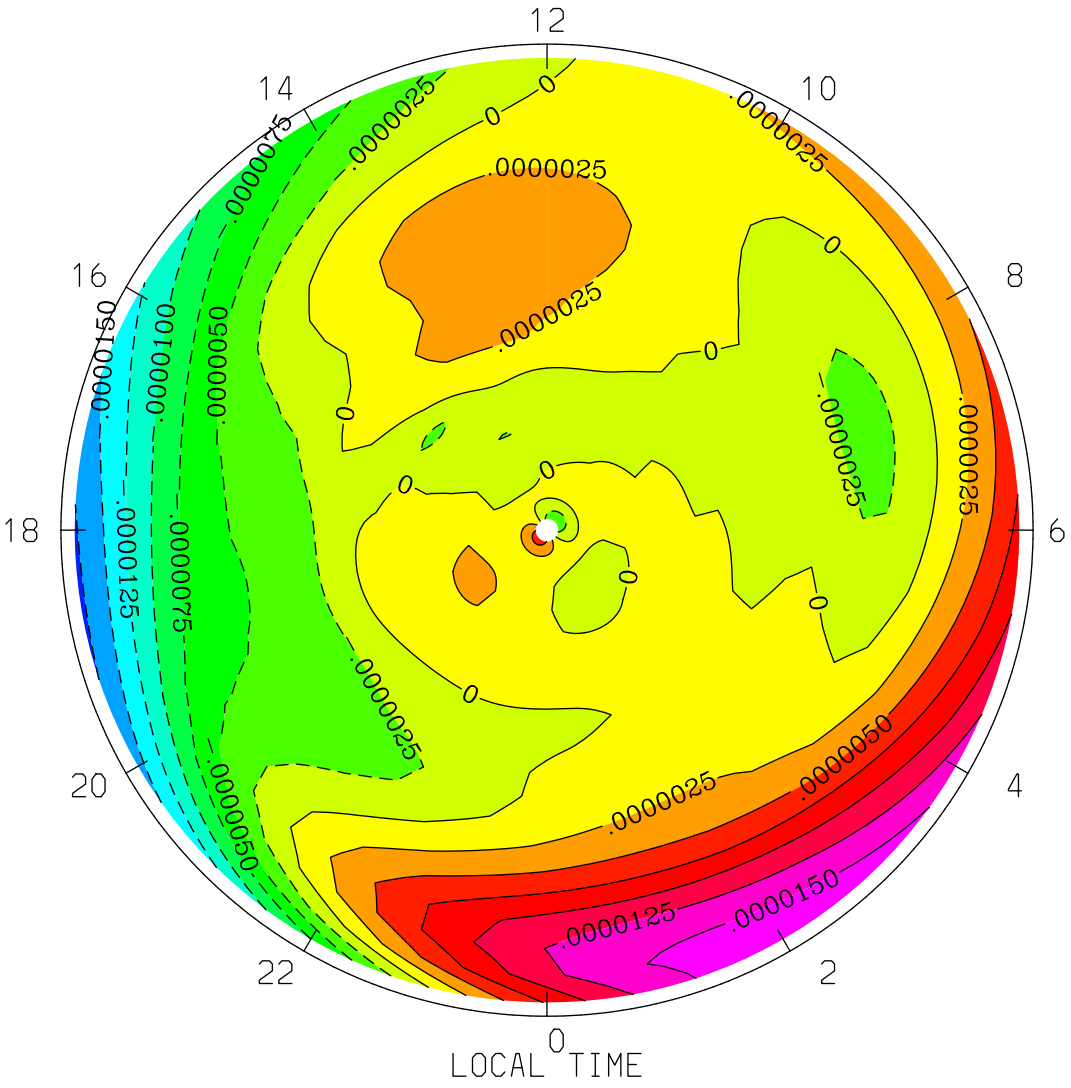
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

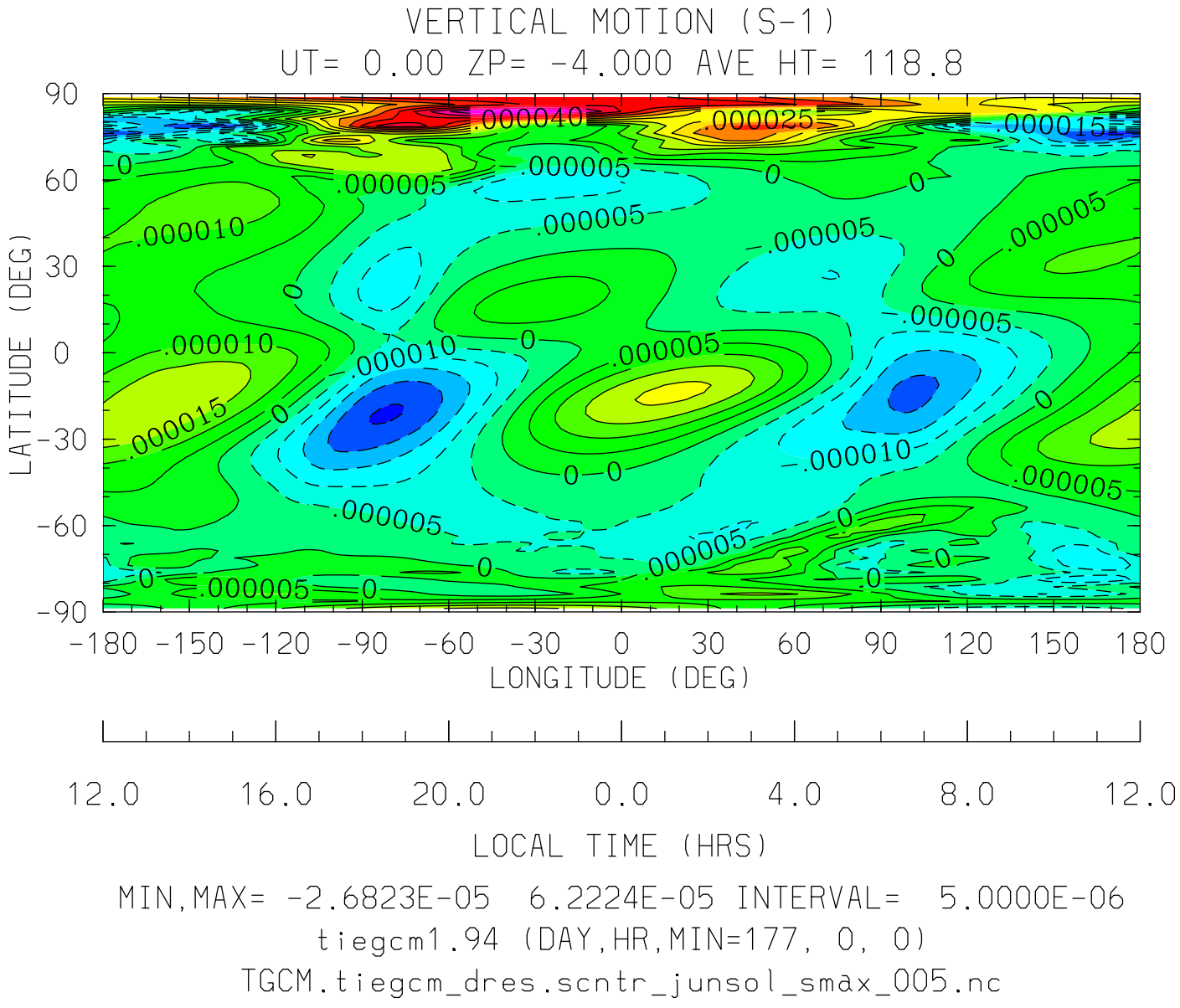

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.1149E-05 3.1423E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

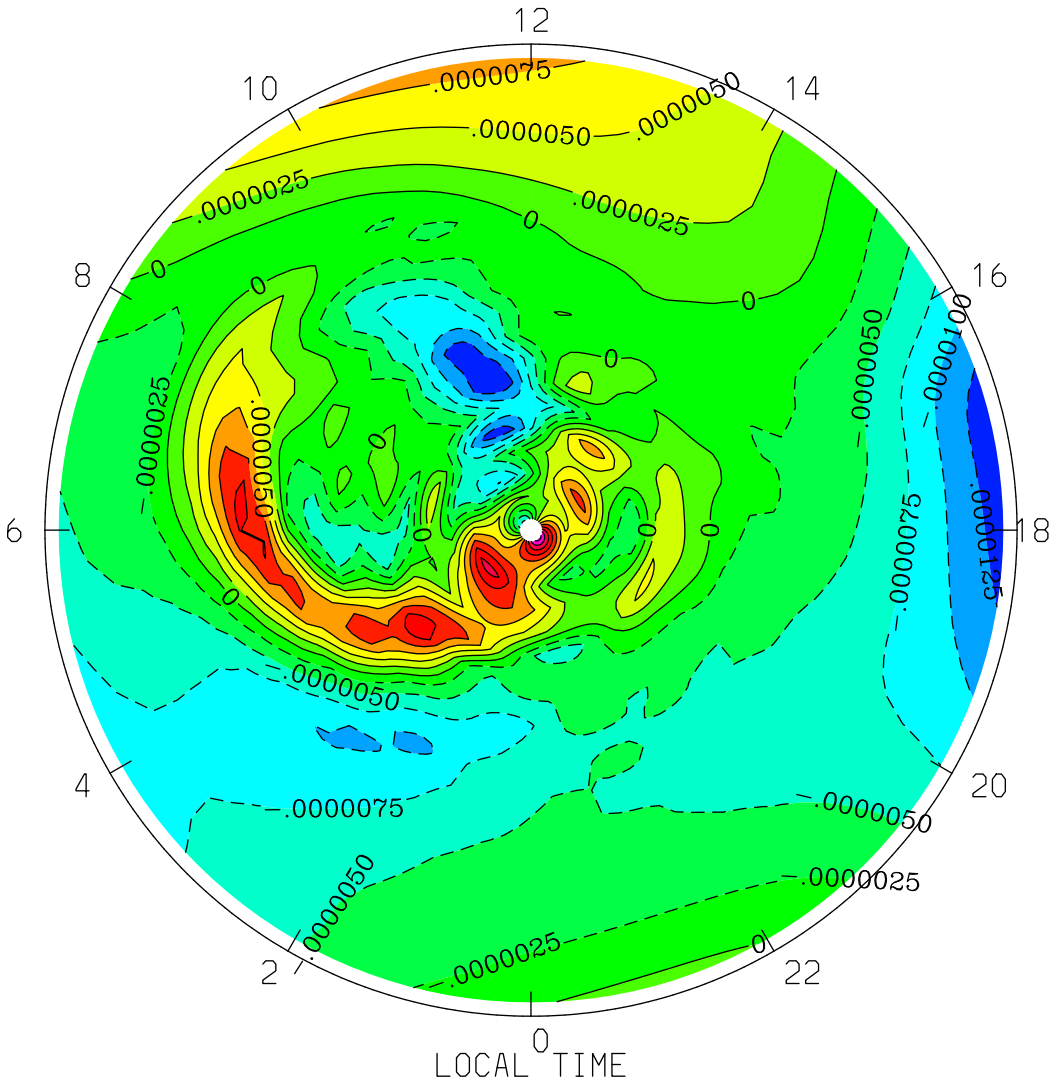
VERTICAL MOTION (S-1)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0



MIN,MAX= -1.9829E-05 2.8415E-05 INTERVAL= 4.0000E-06
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


VERTICAL MOTION (S-1)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= -1.7995E-05 1.6950E-05 INTERVAL= 2.5000E-06
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

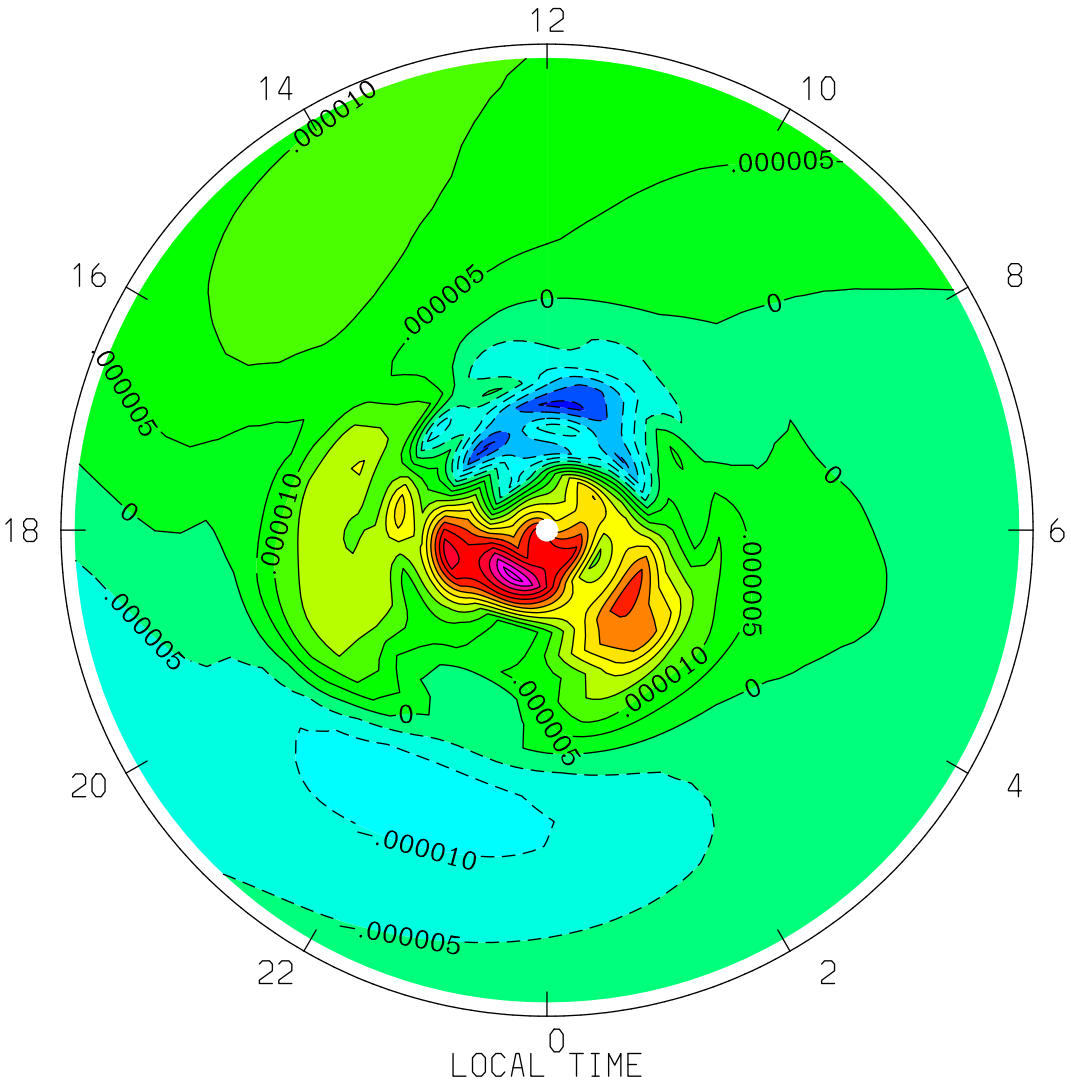

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -4.000 AVE HT= 118.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.6823E-05 6.2224E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

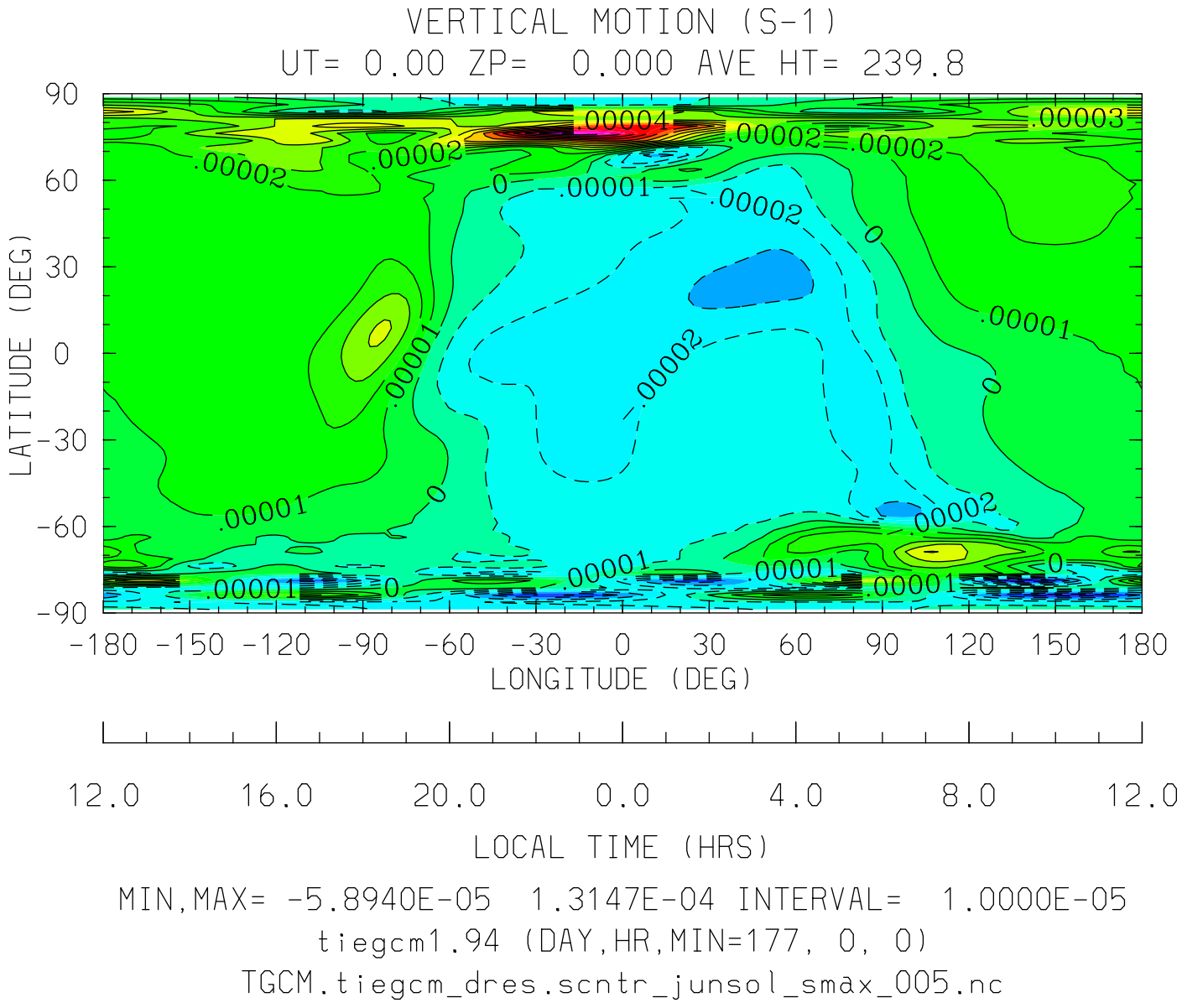


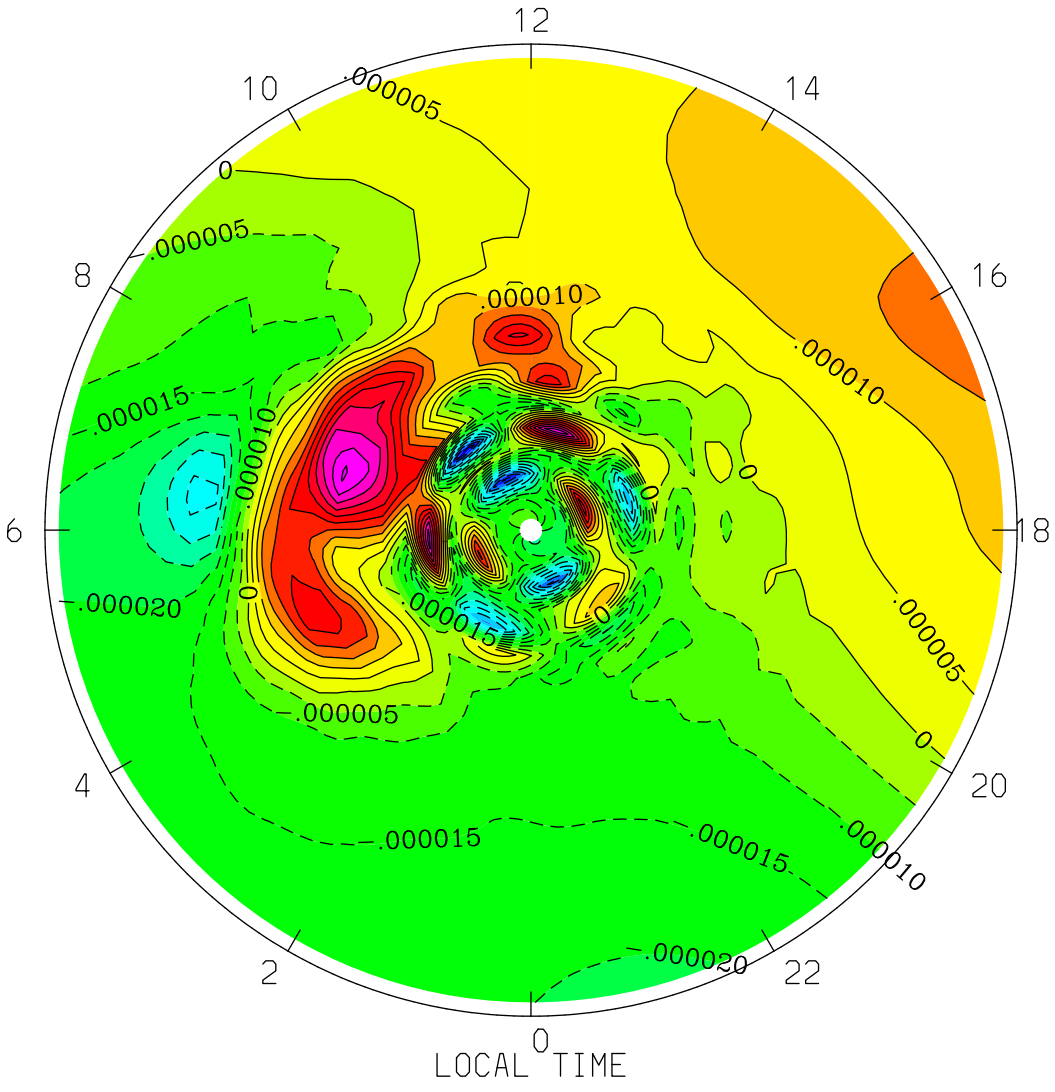
MIN,MAX= -1.4774E-05 2.0845E-05 INTERVAL= 2.5000E-06

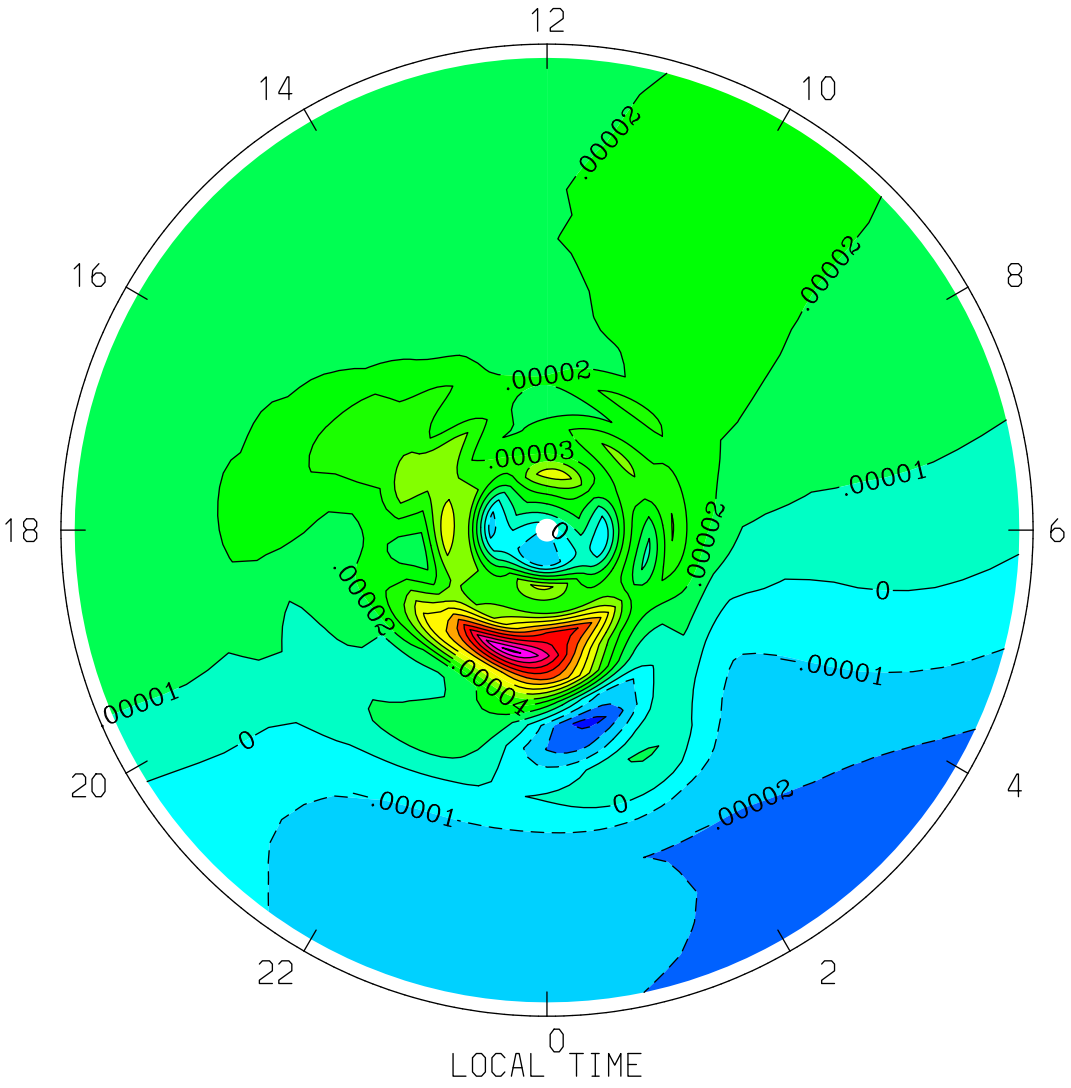
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

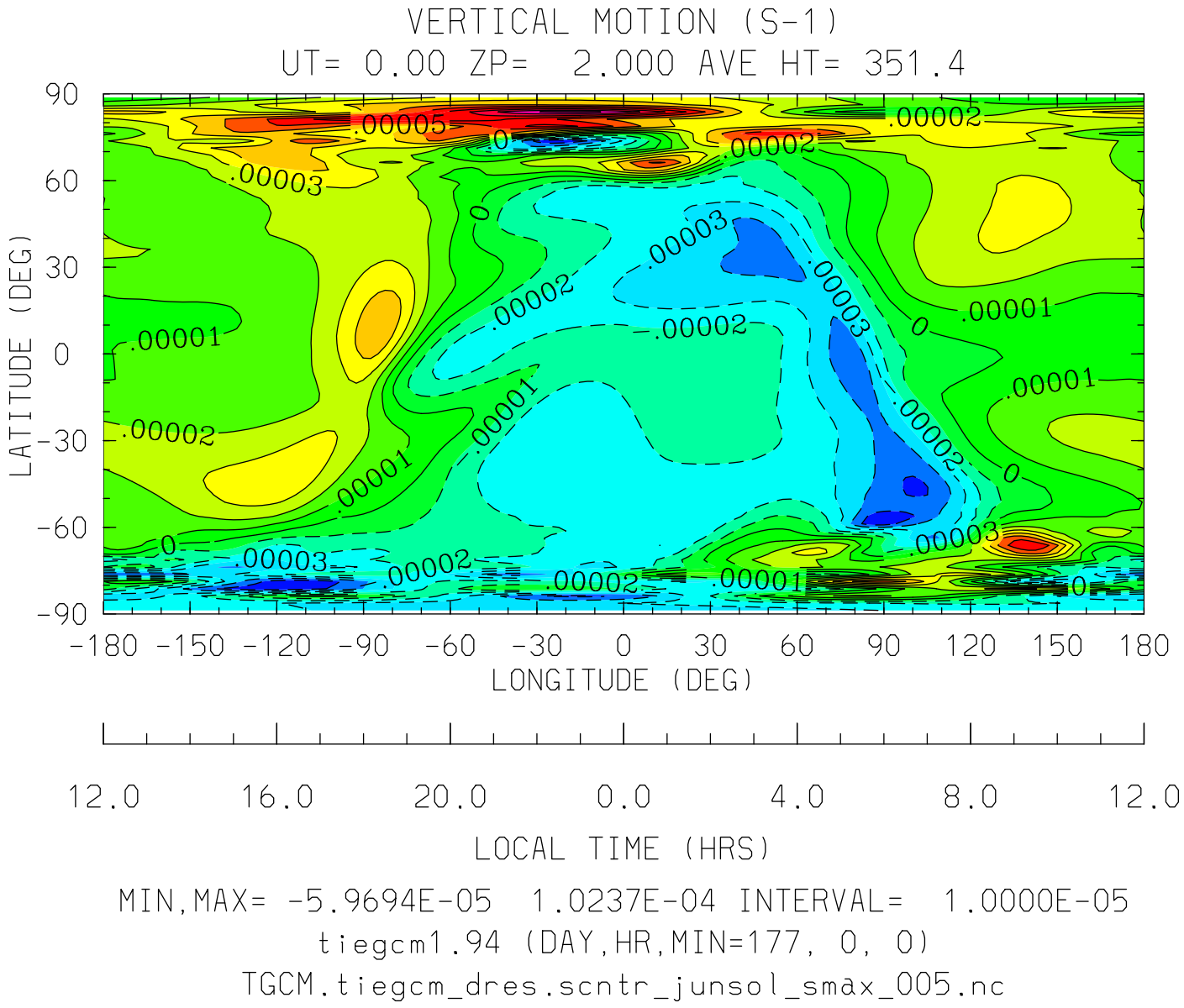
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

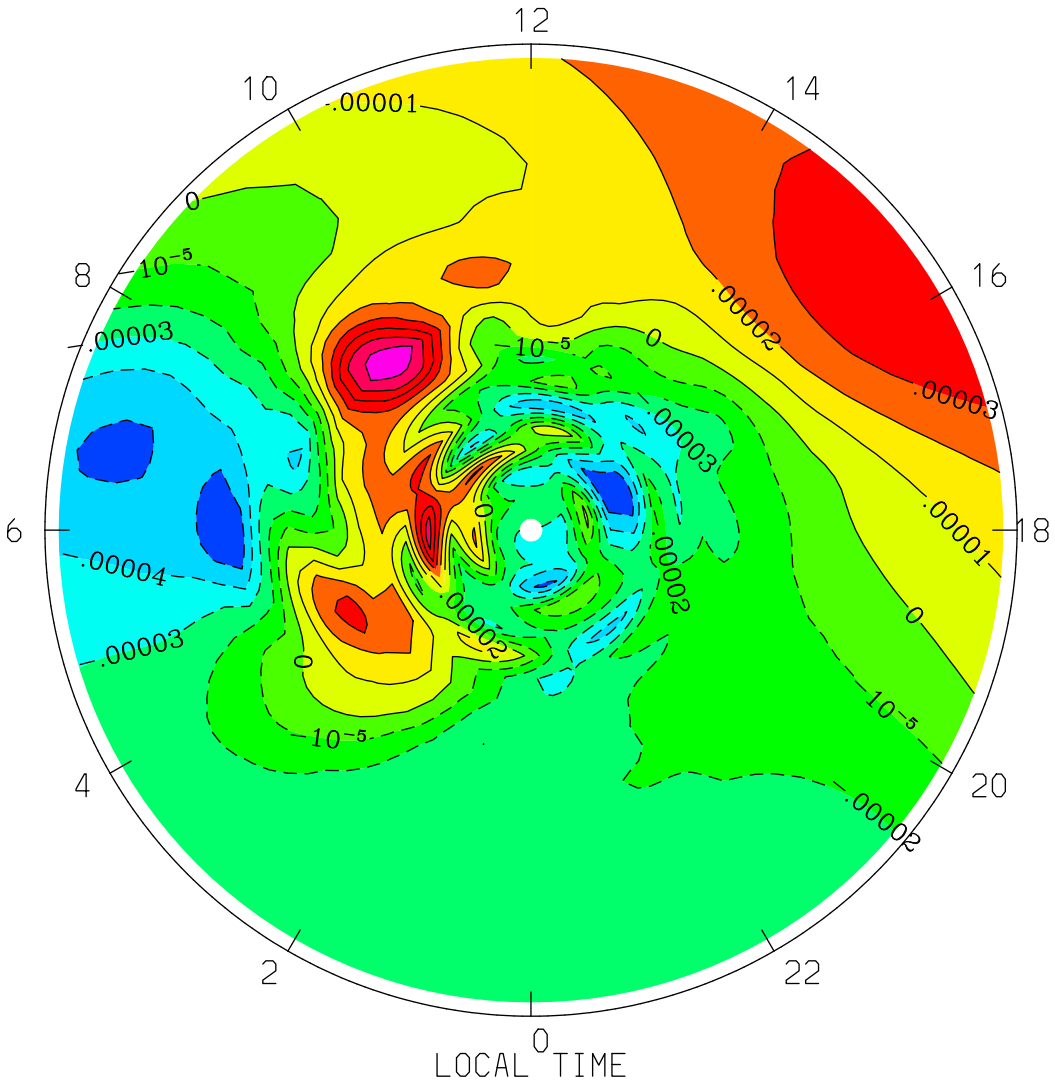

VERTICAL MOTION (S-1)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
.000010
.000005
0
.000005
.000010
.000005
0
.000005
.000010
.000005
0
.000005
.000010
.000005
LOCAL TIME
MIN,MAX= -2.6823E-05 6.2224E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 239.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
.00004
.00003
.00002
.00001
0
-.00001
MIN,MAX= -5.8940E-05 1.3147E-04 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

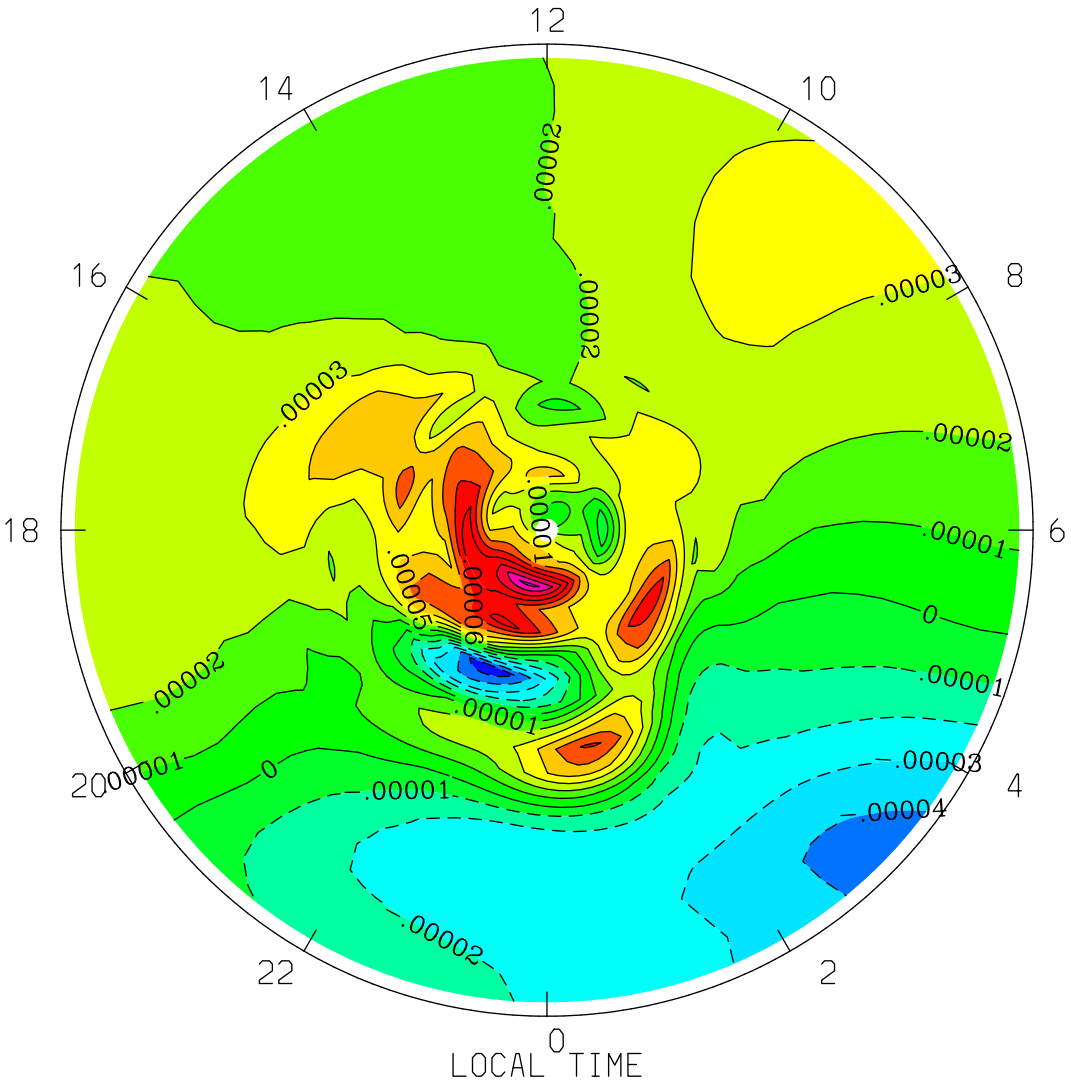

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
.000005
0
.000005
.000010
.000010
.000015
.000010
0
0
.000020
.000015
0
.000005
.000005
0
.000015
.000015
.000010
.000020
LOCAL TIME
MIN,MAX= -5.8940E-05 5.0758E-05 INTERVAL= 5.0000E-06
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
.00002
.00002
.00002
.00003
.00001
.00002
0
.00002
.00004
00001
0
.00001
0
.00001
.00002
LOCAL TIME
MIN,MAX= -3.3766E-05 1.3147E-04 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

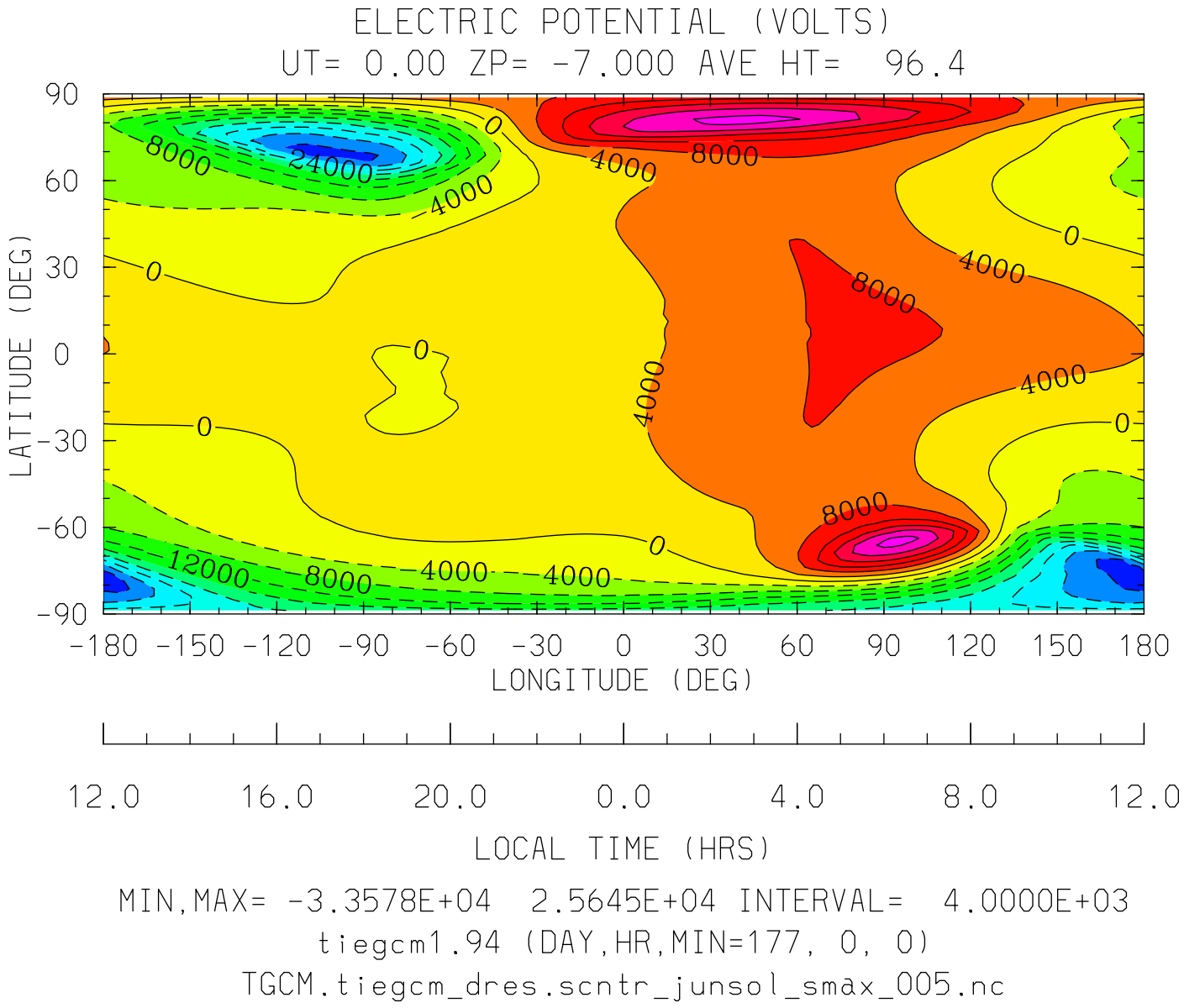

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 2.000 AVE HT= 351.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.9694E-05 1.0237E-04 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

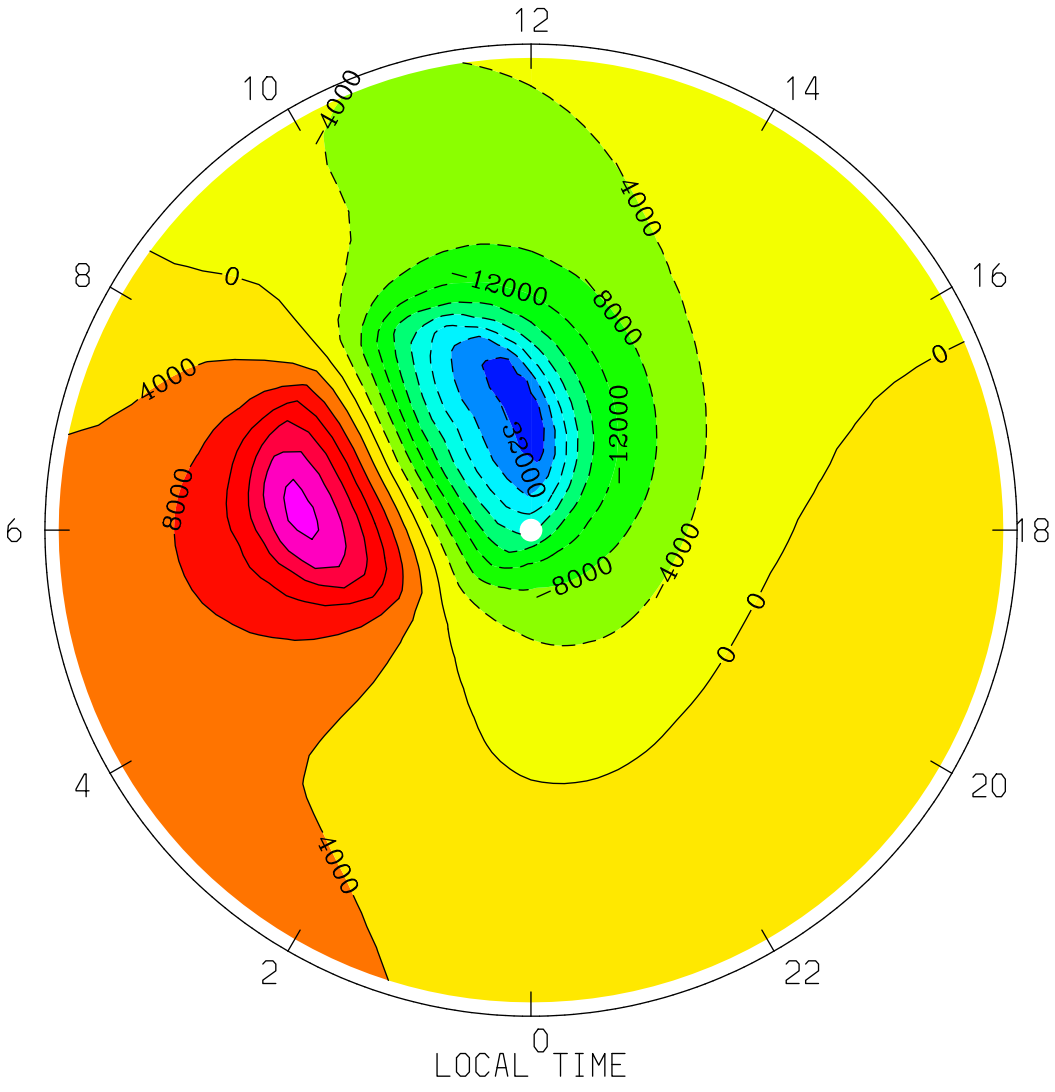

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
.00001
0
10^-5
.00003
.00002
.00004
MIN,MAX= -5.9694E-05 6.9750E-05 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

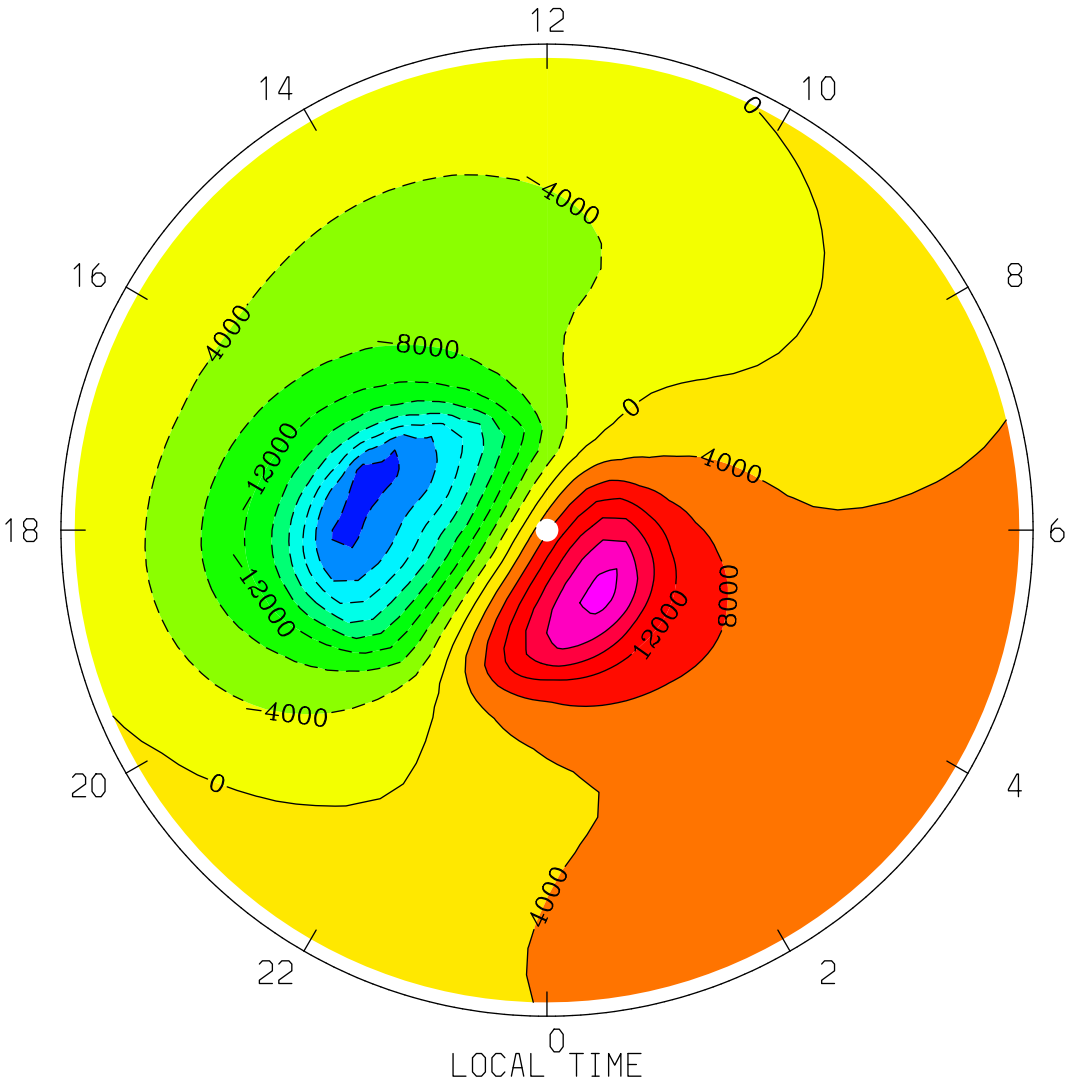
VERTICAL MOTION (S-1)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT= 40.0

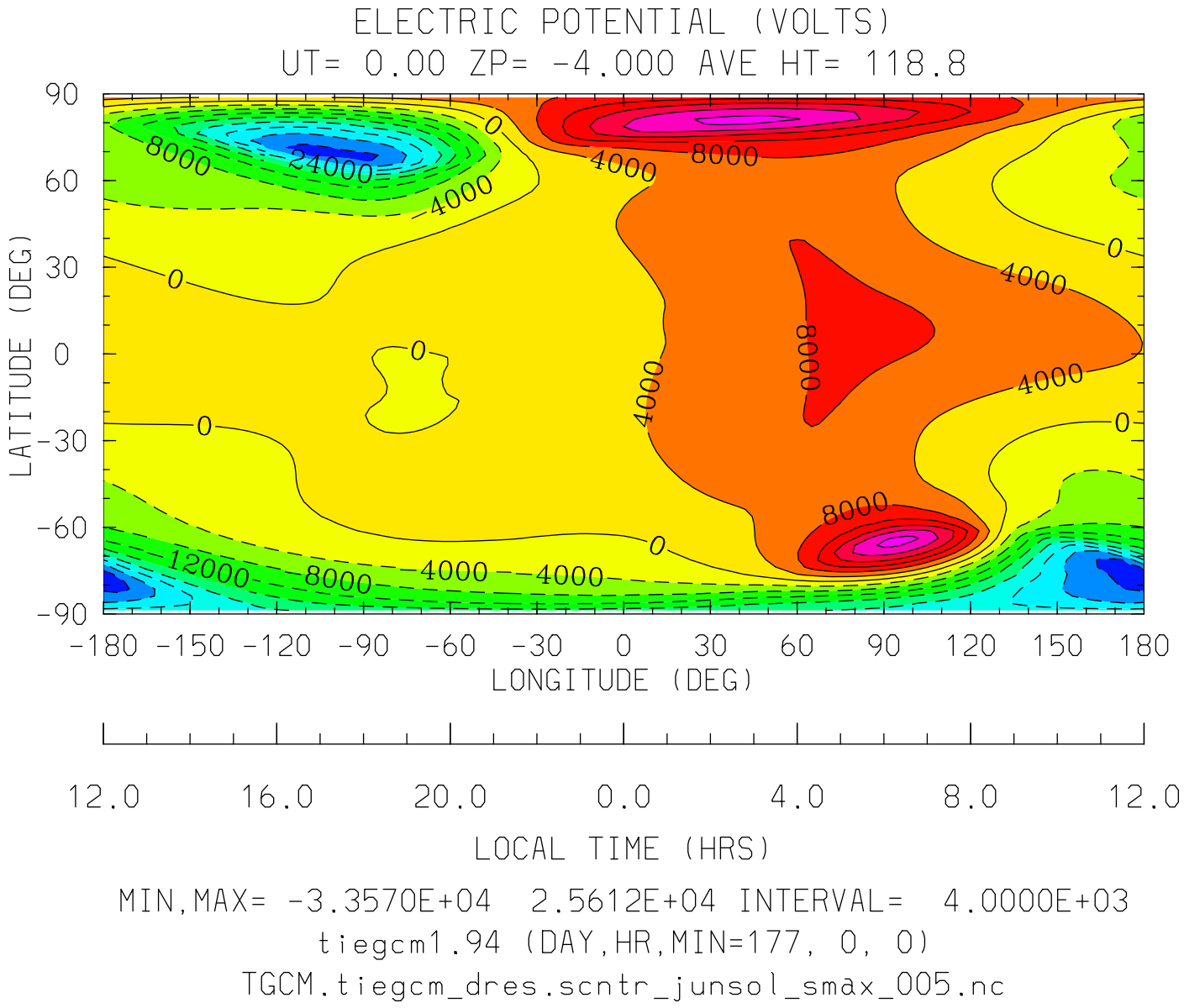


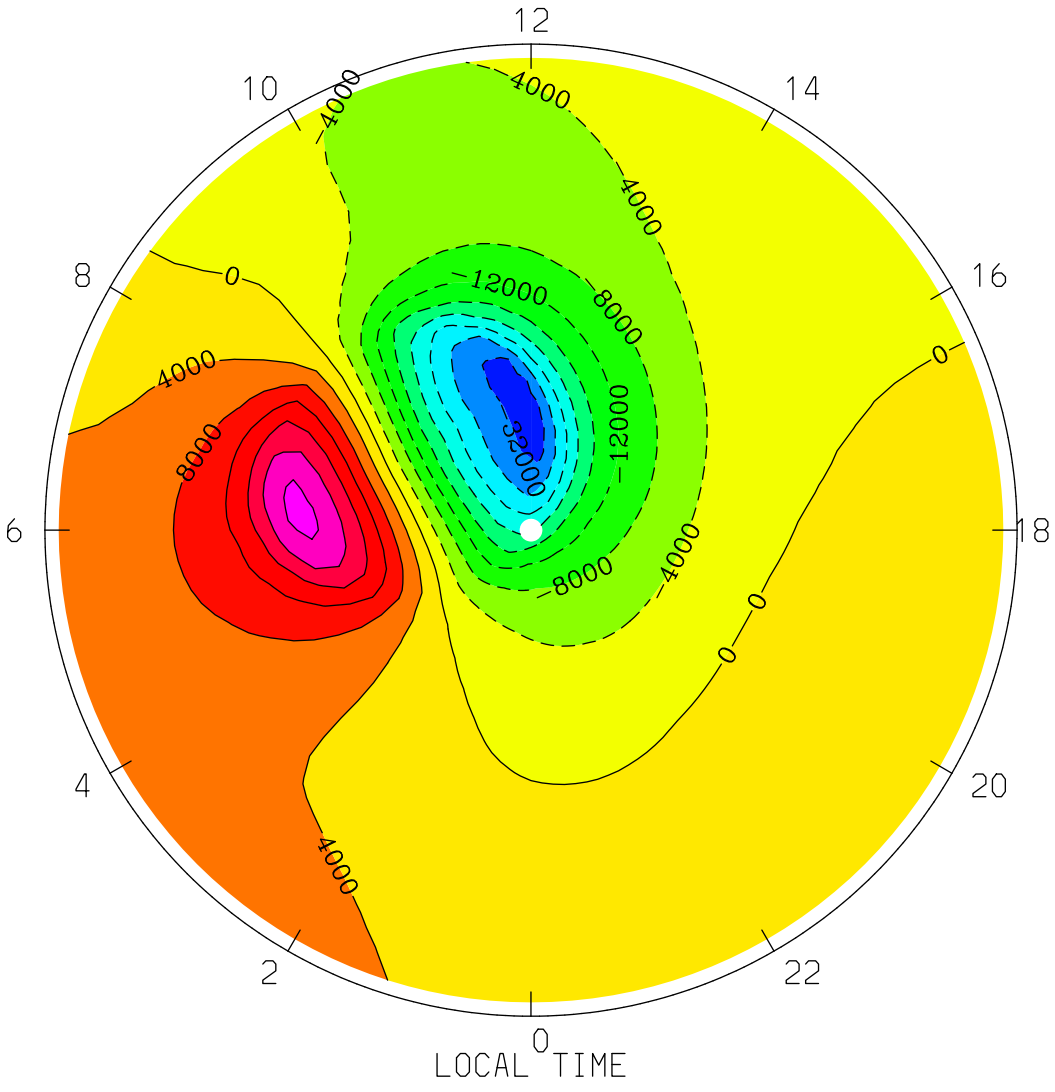
MIN,MAX= -5.8573E-05 1.0237E-04 INTERVAL= 1.0000E-05
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.3578E+04 2.5645E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
4000
0
12000
8000
-32000
LOCAL TIME
MIN,MAX= -3.3545E+04 2.5174E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
0
4000
8000
12000
MIN,MAX= -3.3578E+04 2.5645E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

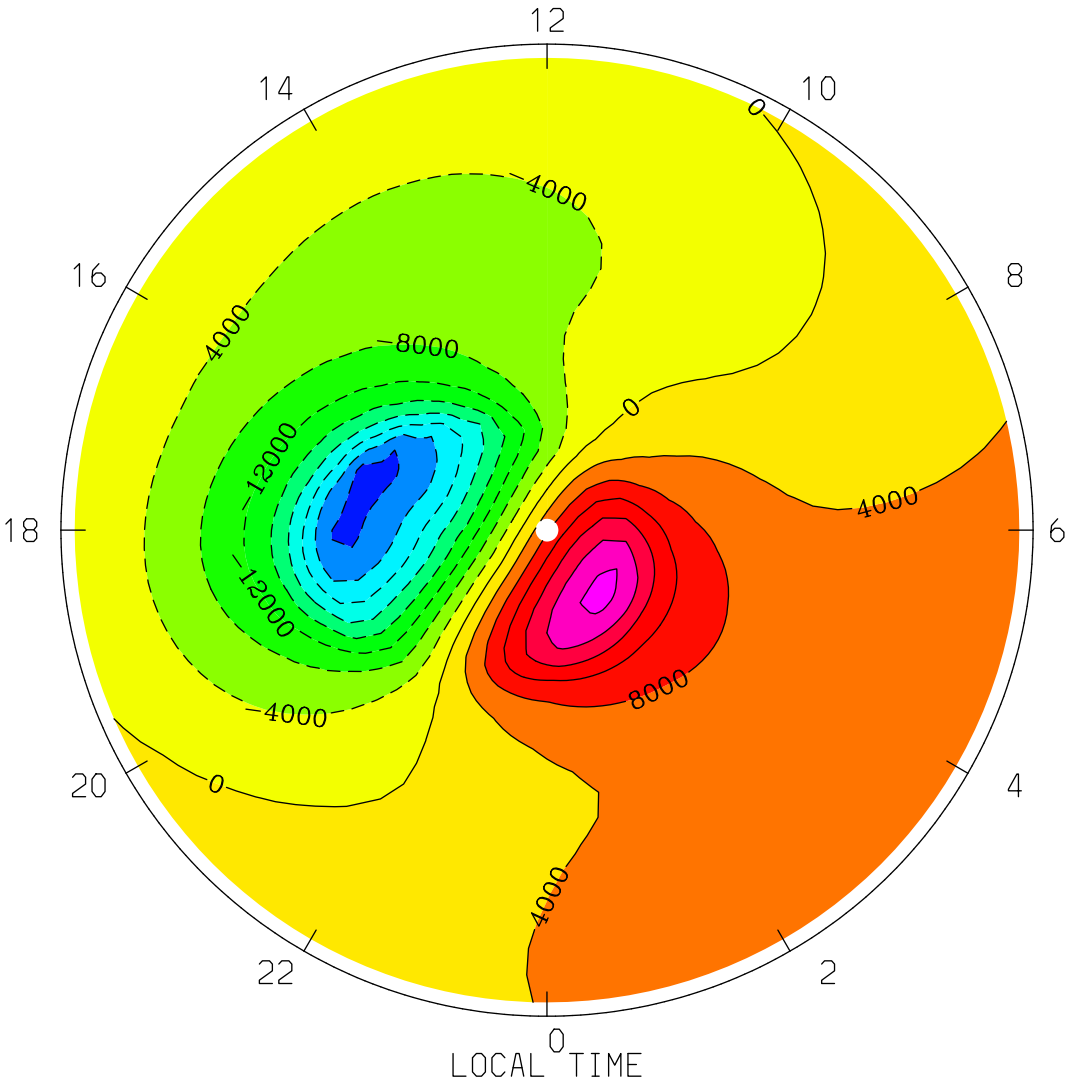

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -4.000 AVE HT= 118.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.3570E+04 2.5612E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

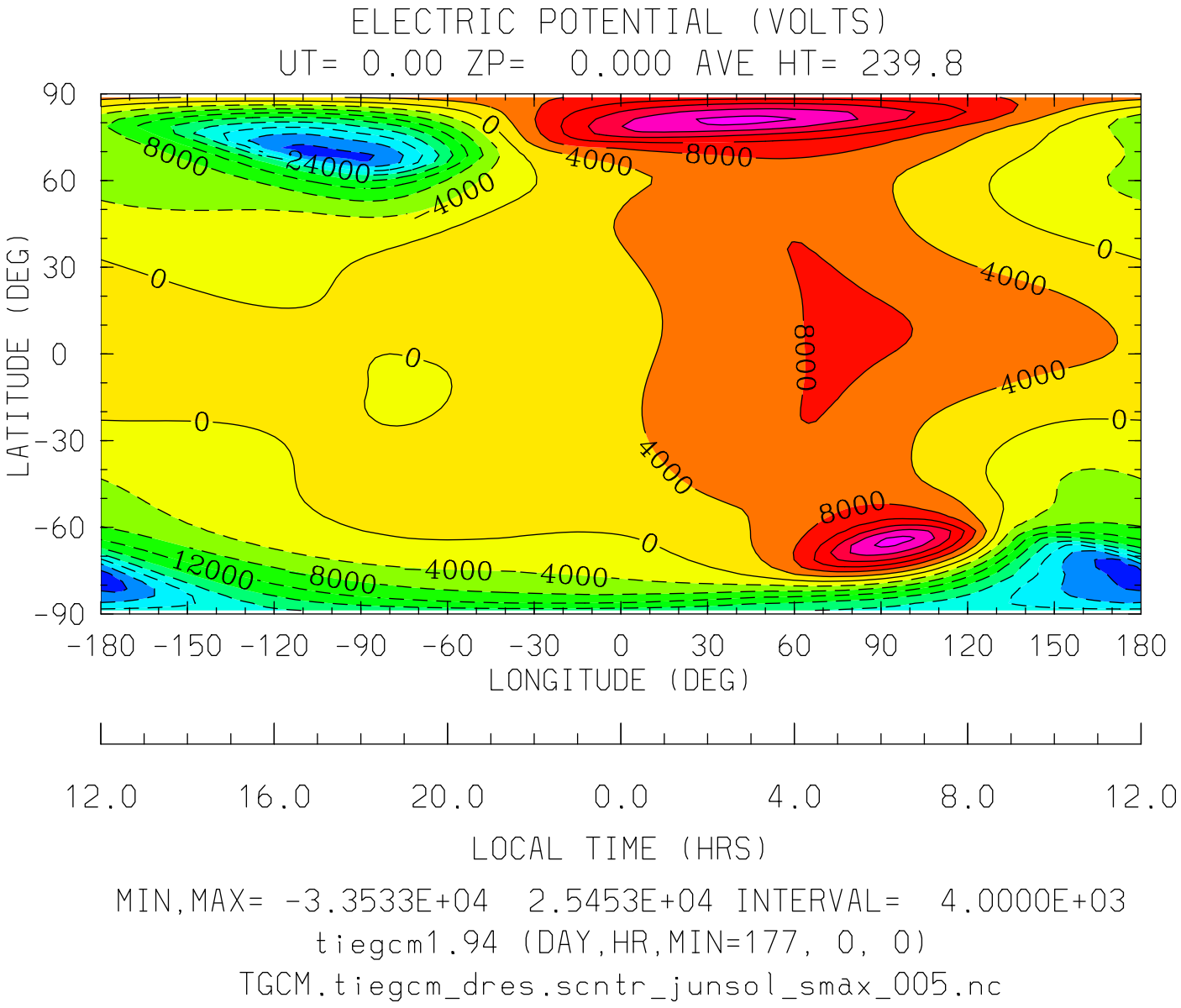


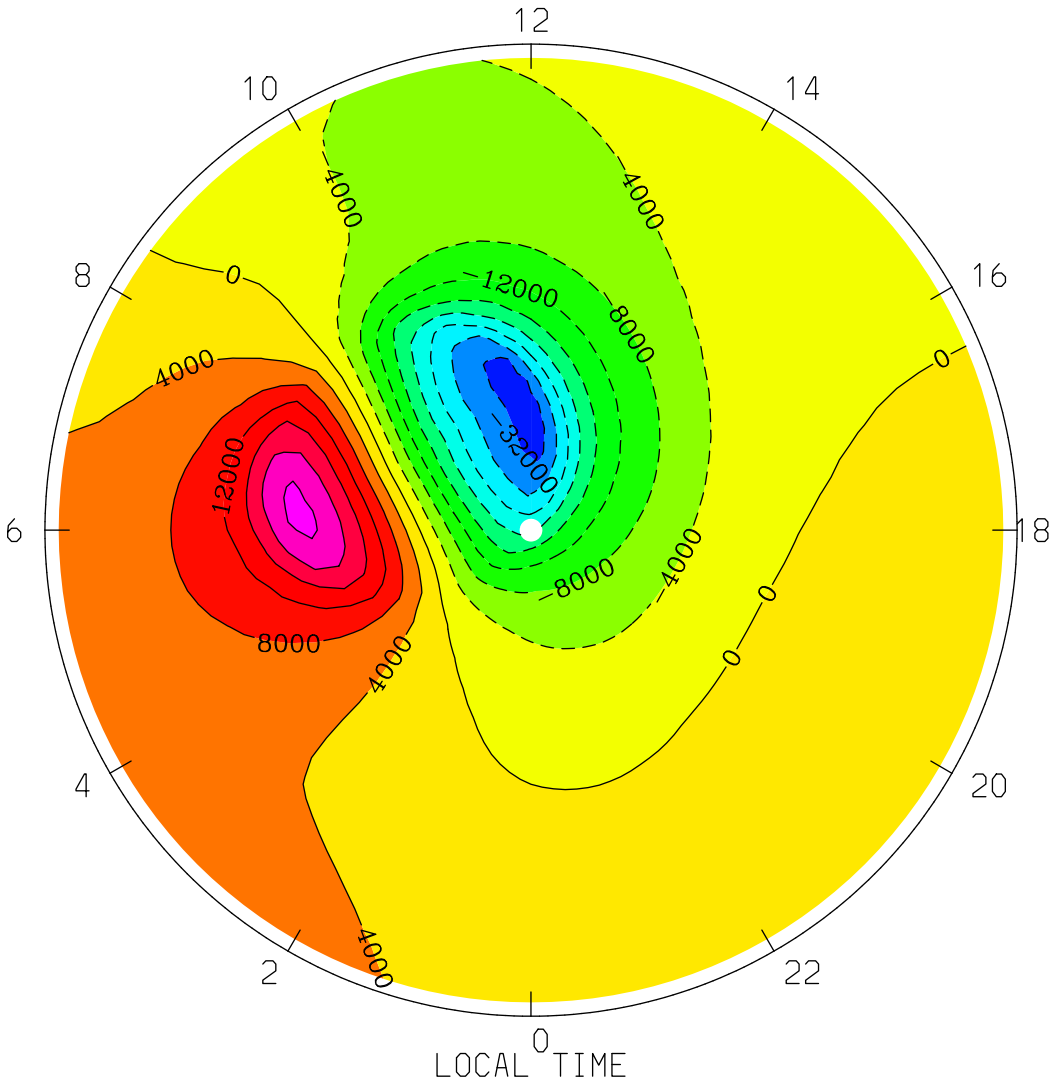
MIN,MAX= -3.3535E+04 2.5153E+04 INTERVAL= 4.0000E+03

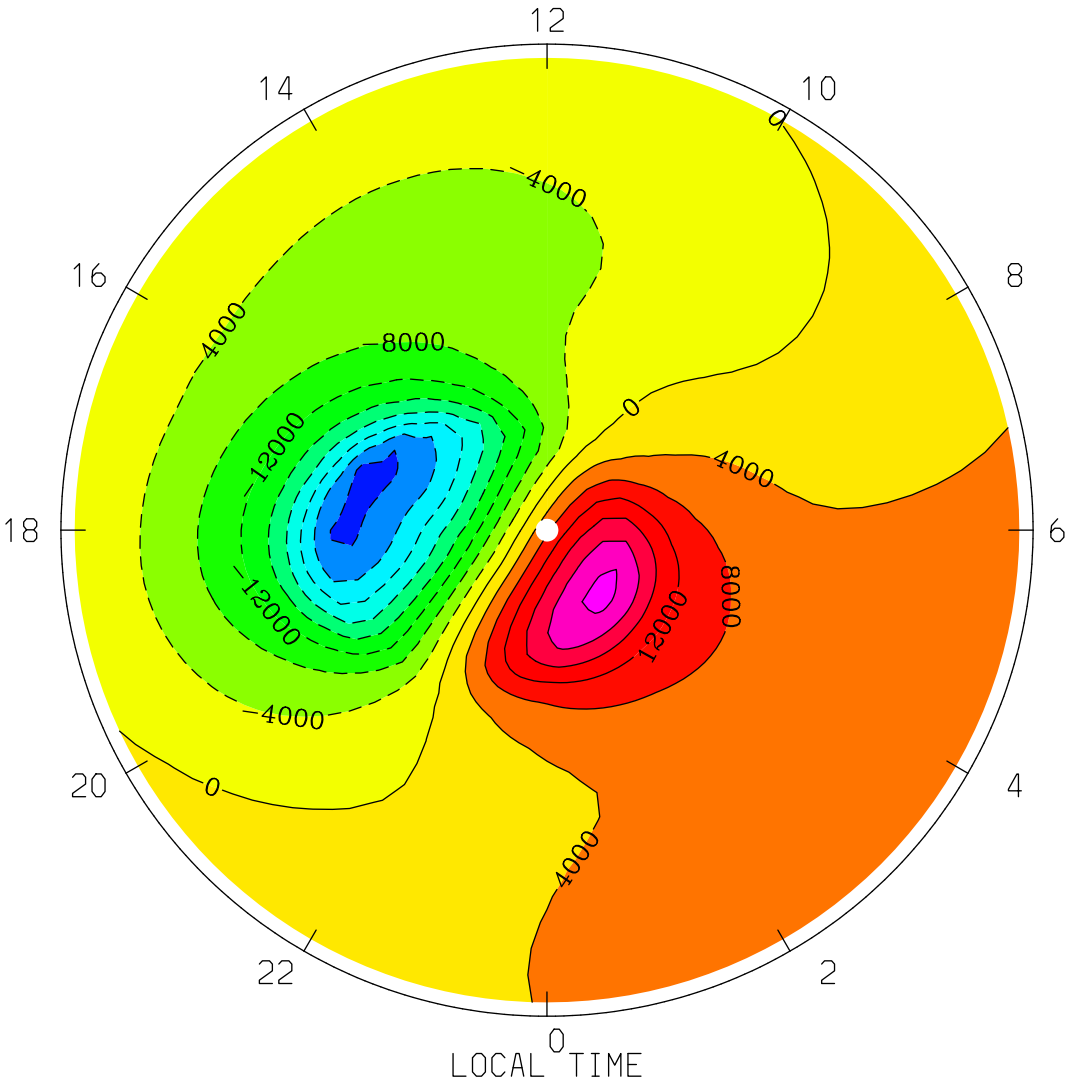
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

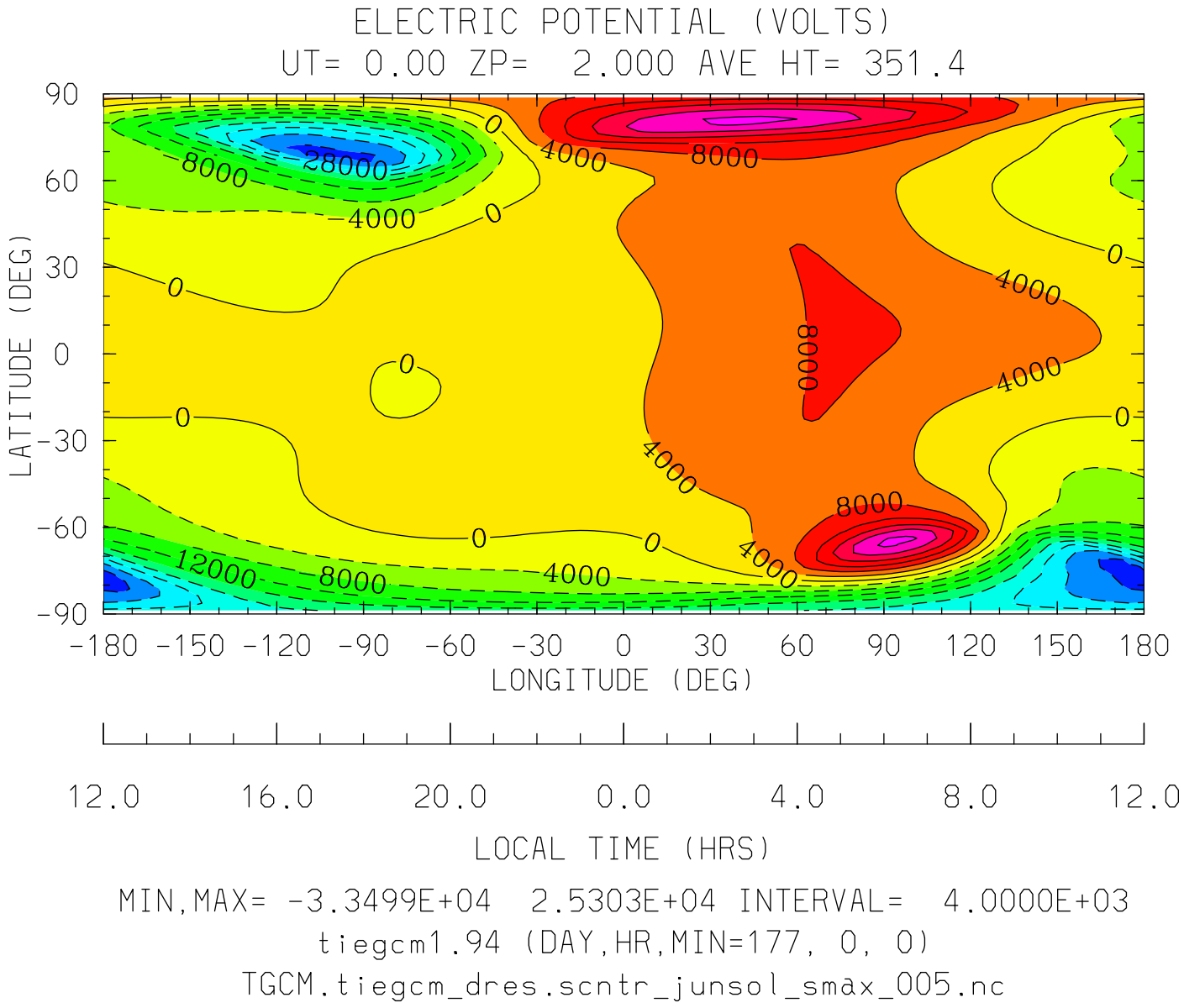
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

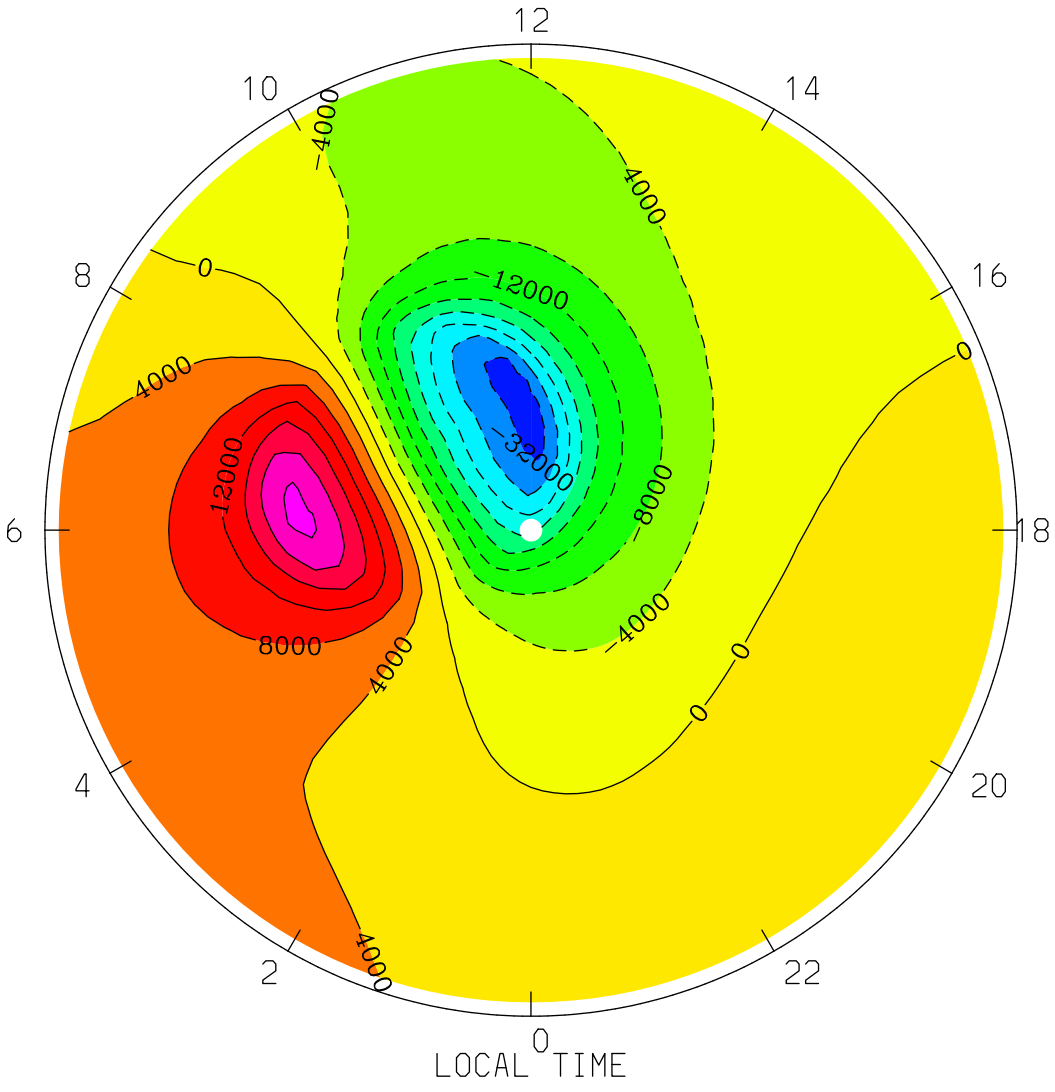

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
0
4000
8000
12000
MIN,MAX= -3.3570E+04 2.5612E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 0.000 AVE HT= 239.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.3533E+04 2.5453E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
4000
0
12000
8000
32000
MIN,MAX= -3.3483E+04 2.5053E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
0
4000
8000
12000
-4000
-8000
-12000
MIN,MAX= -3.3533E+04 2.5453E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

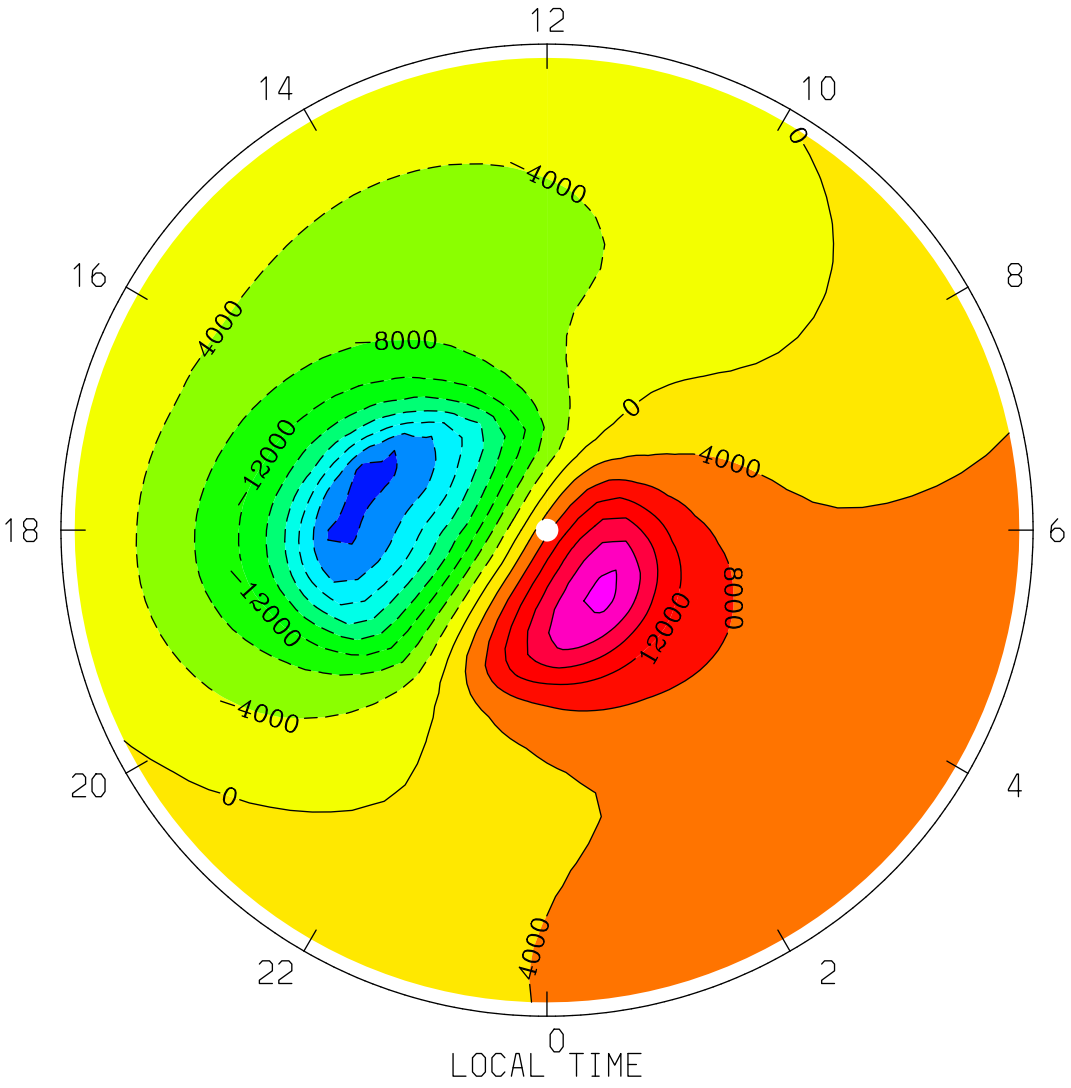

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 2.000 AVE HT= 351.4
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.3499E+04 2.5303E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

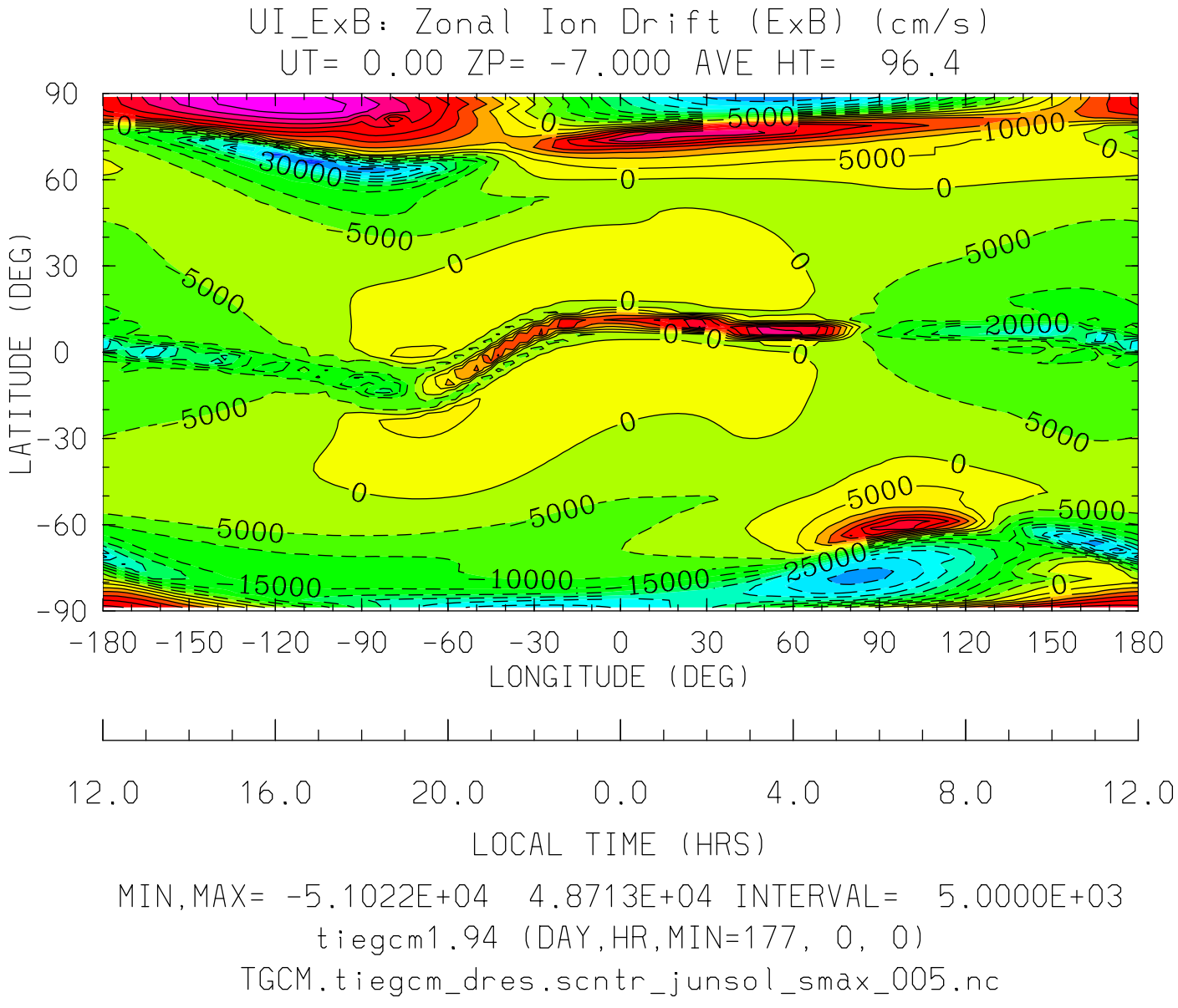


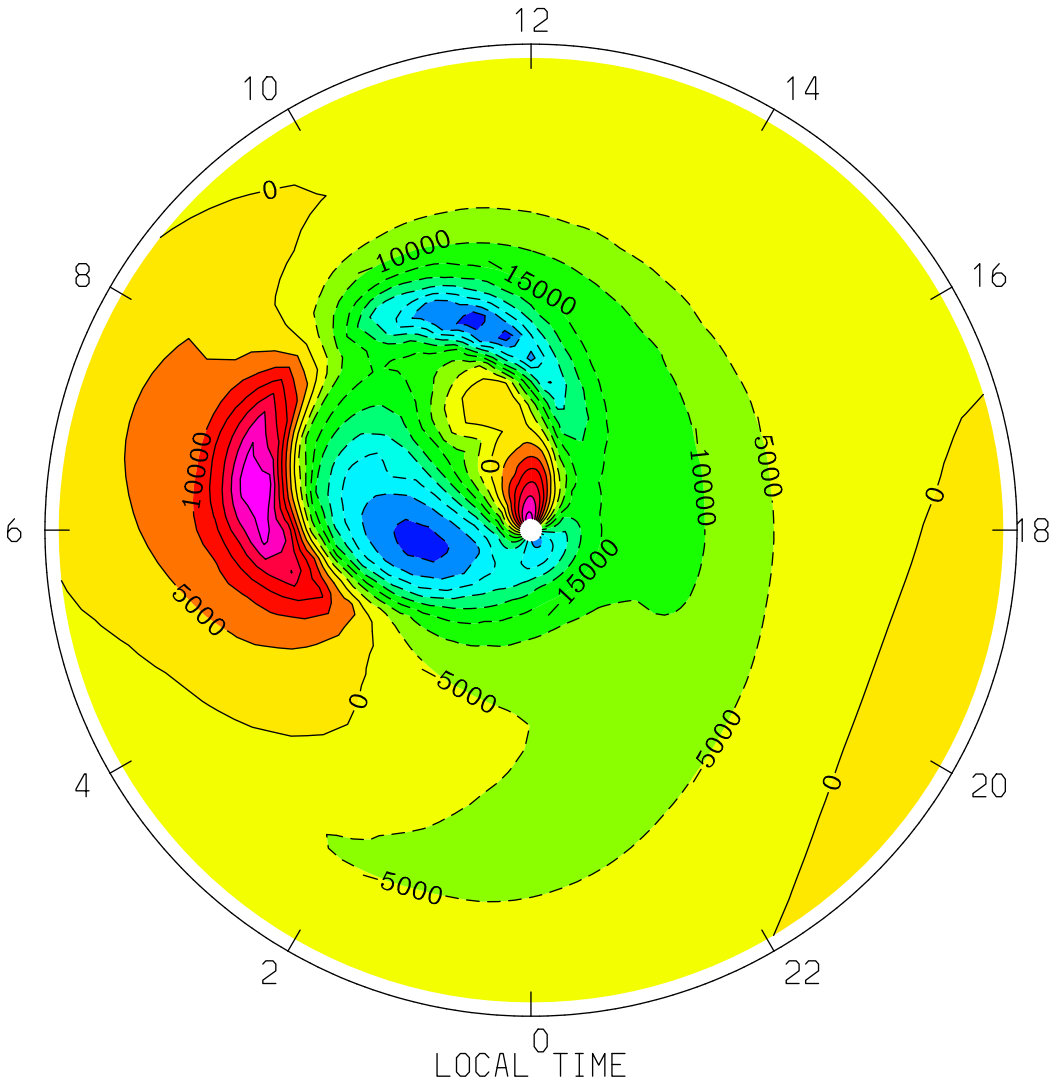
MIN,MAX= -3.3439E+04 2.4972E+04 INTERVAL= 4.0000E+03

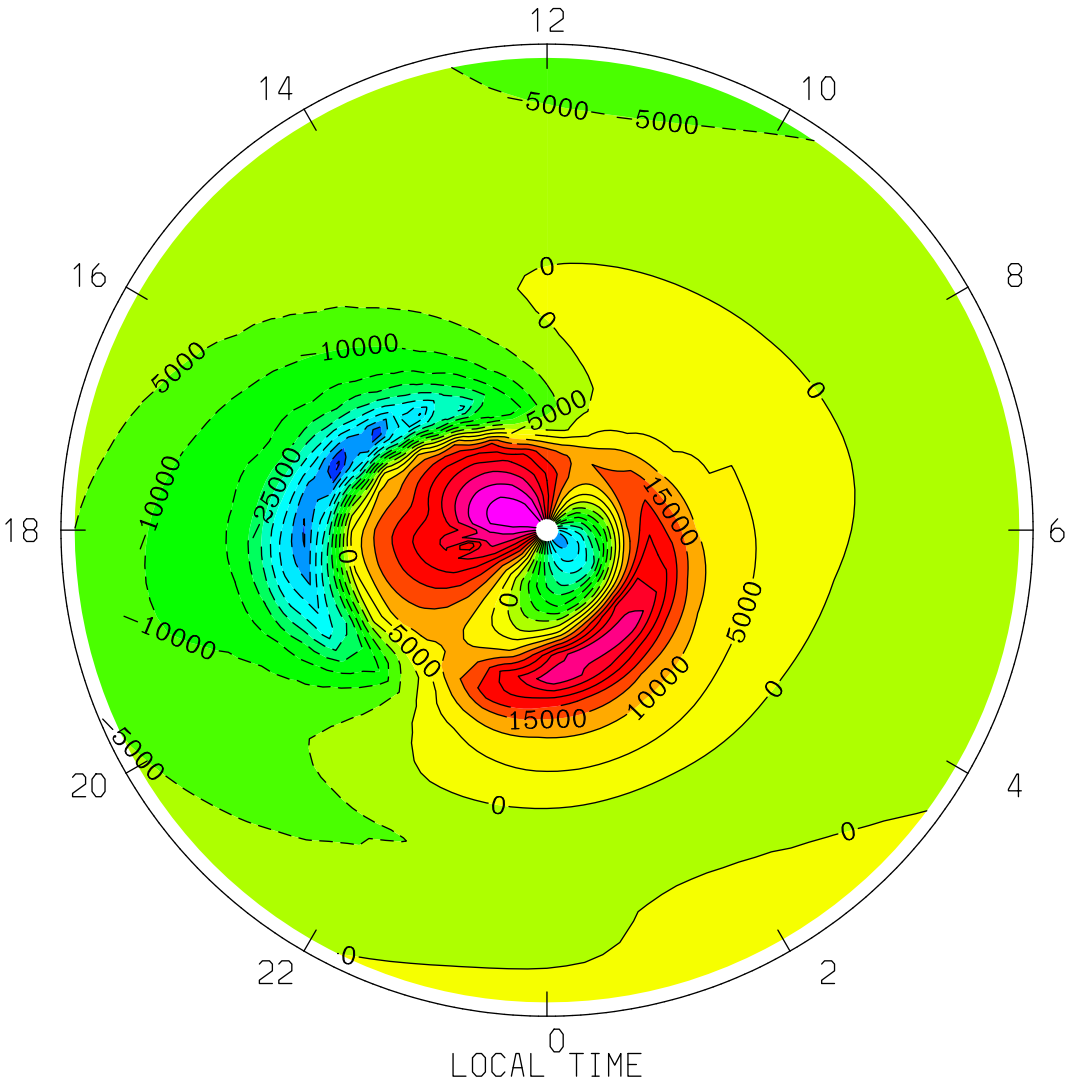
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

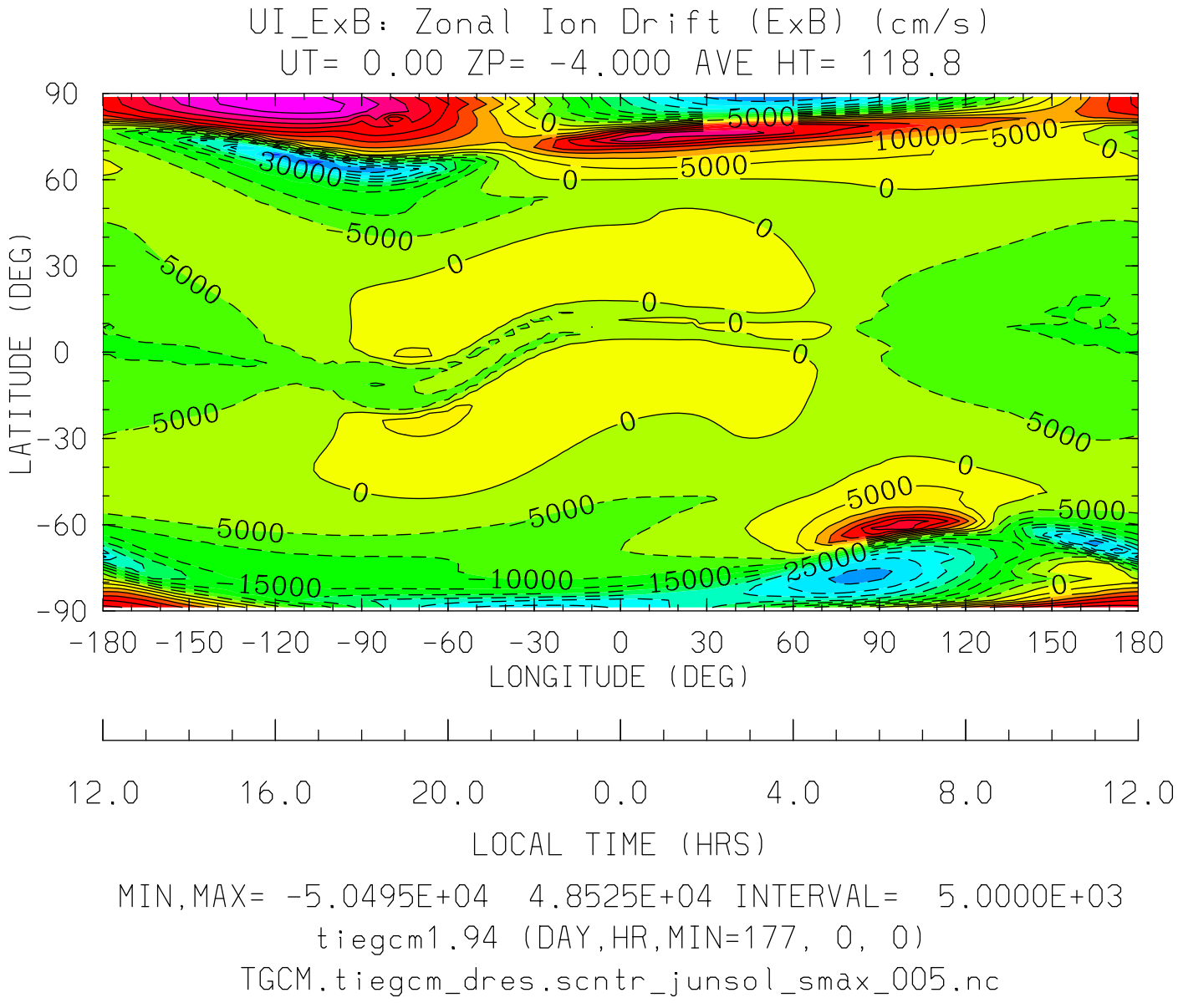
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
0
4000
8000
12000
-4000
-8000
-12000
MIN,MAX= -3.3499E+04 2.5303E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

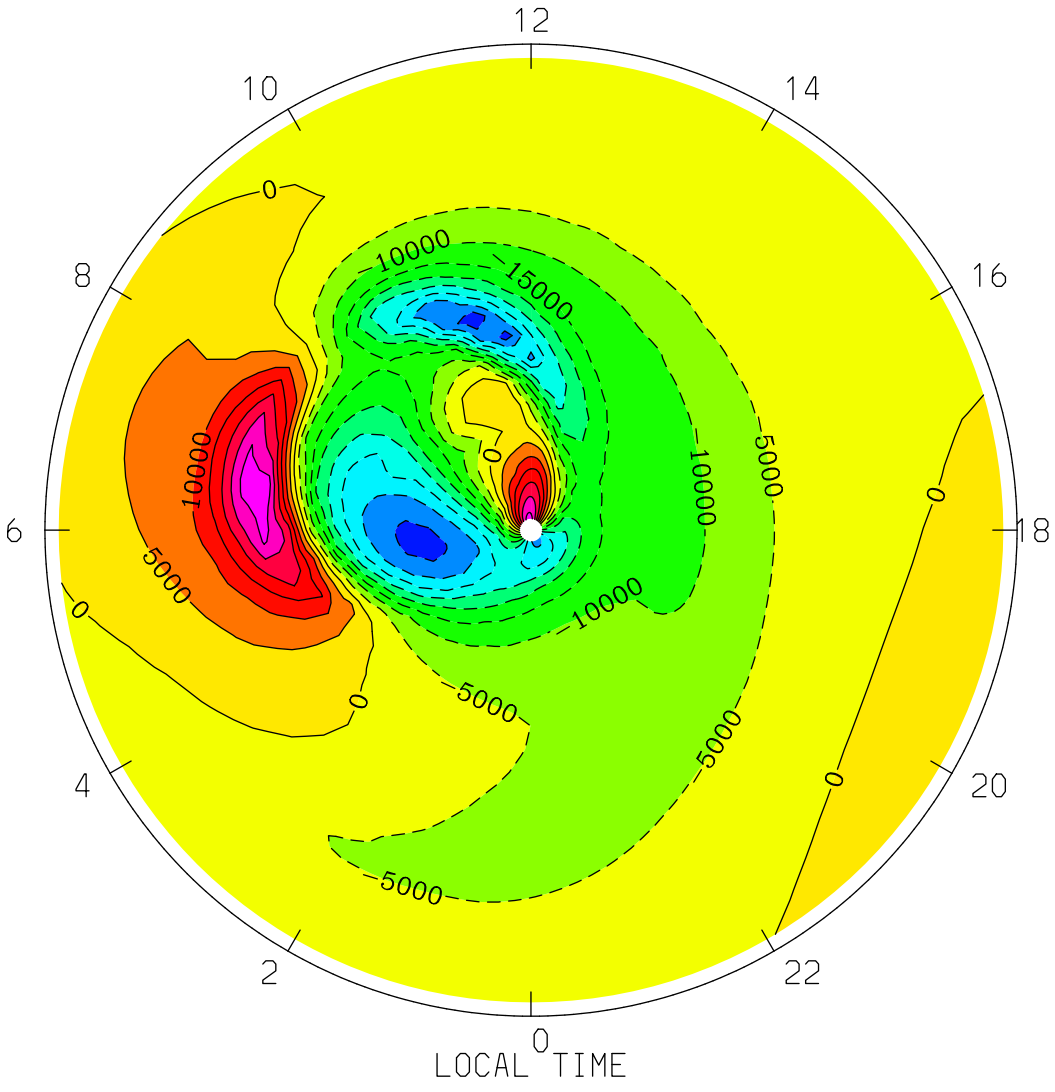

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.1022E+04 4.8713E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
10000
15000
5000
10000
0
15000
5000
0
5000
5000
0
5000
0
MIN,MAX= -4.4941E+04 3.4125E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

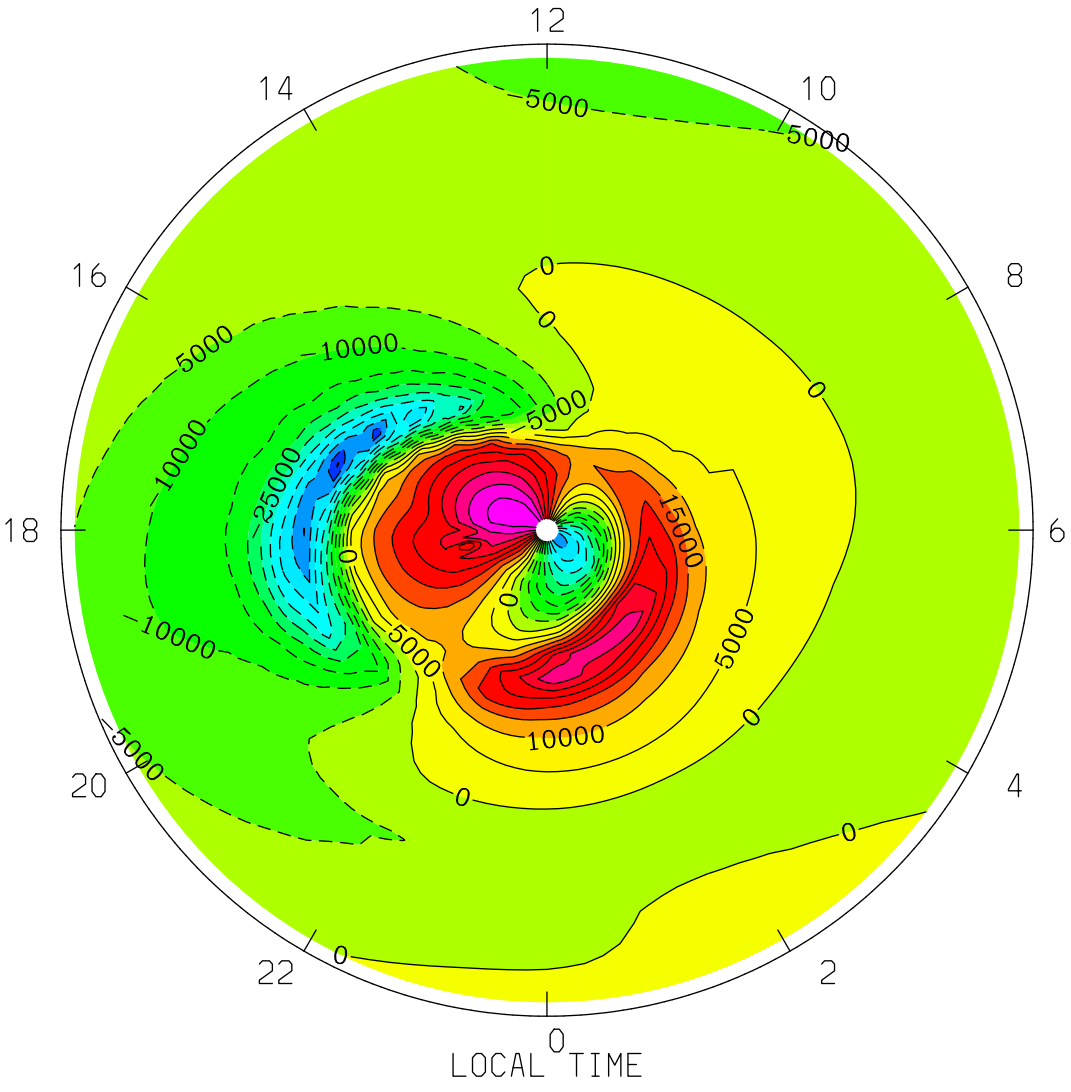

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
5000
-5000
0
10000
-10000
25000
-25000
15000
LOCAL TIME
MIN,MAX= -5.1022E+04 4.8713E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 118.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.0495E+04 4.8525E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT=-40.0



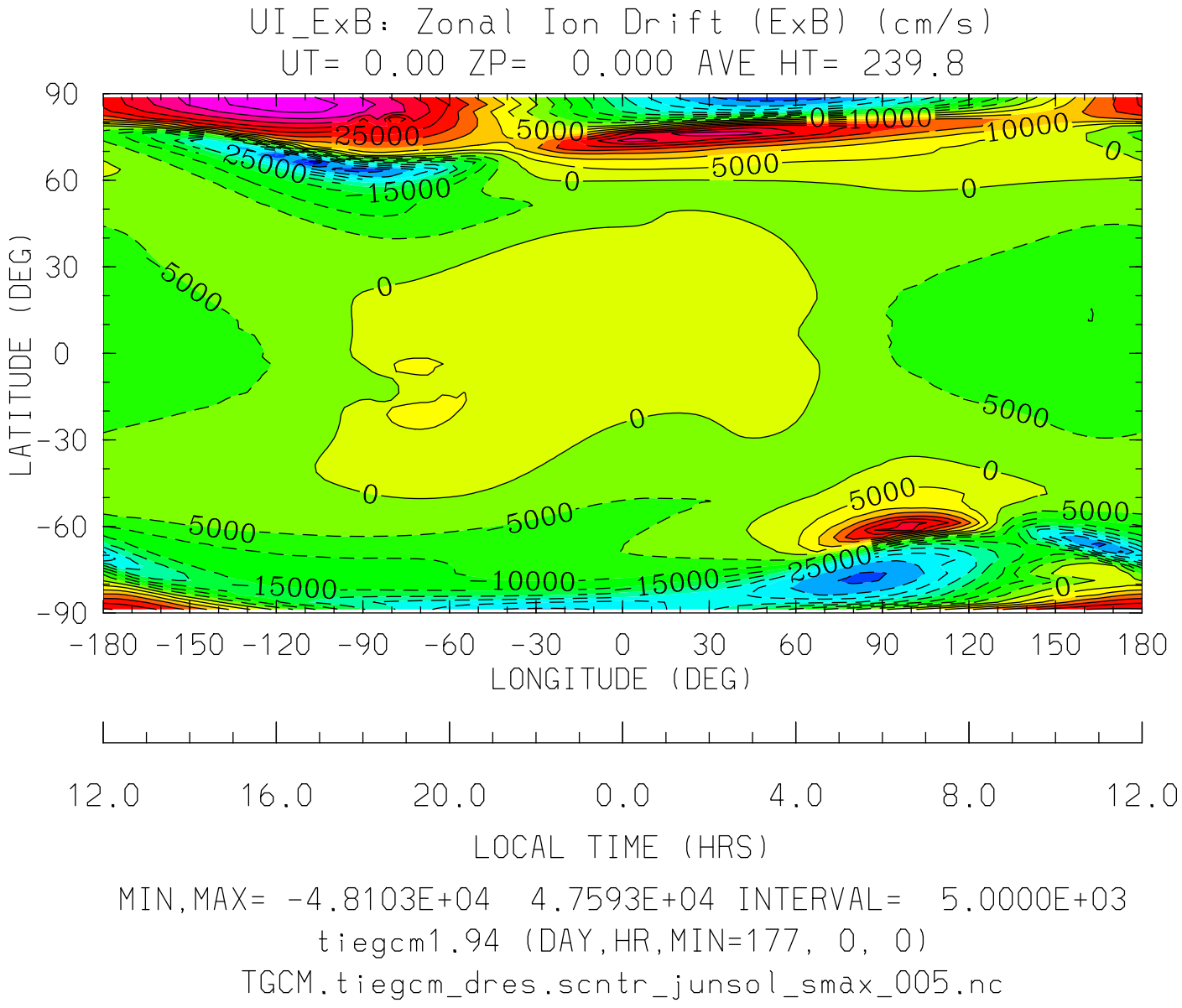
MIN,MAX= -4.4669E+04 3.3689E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

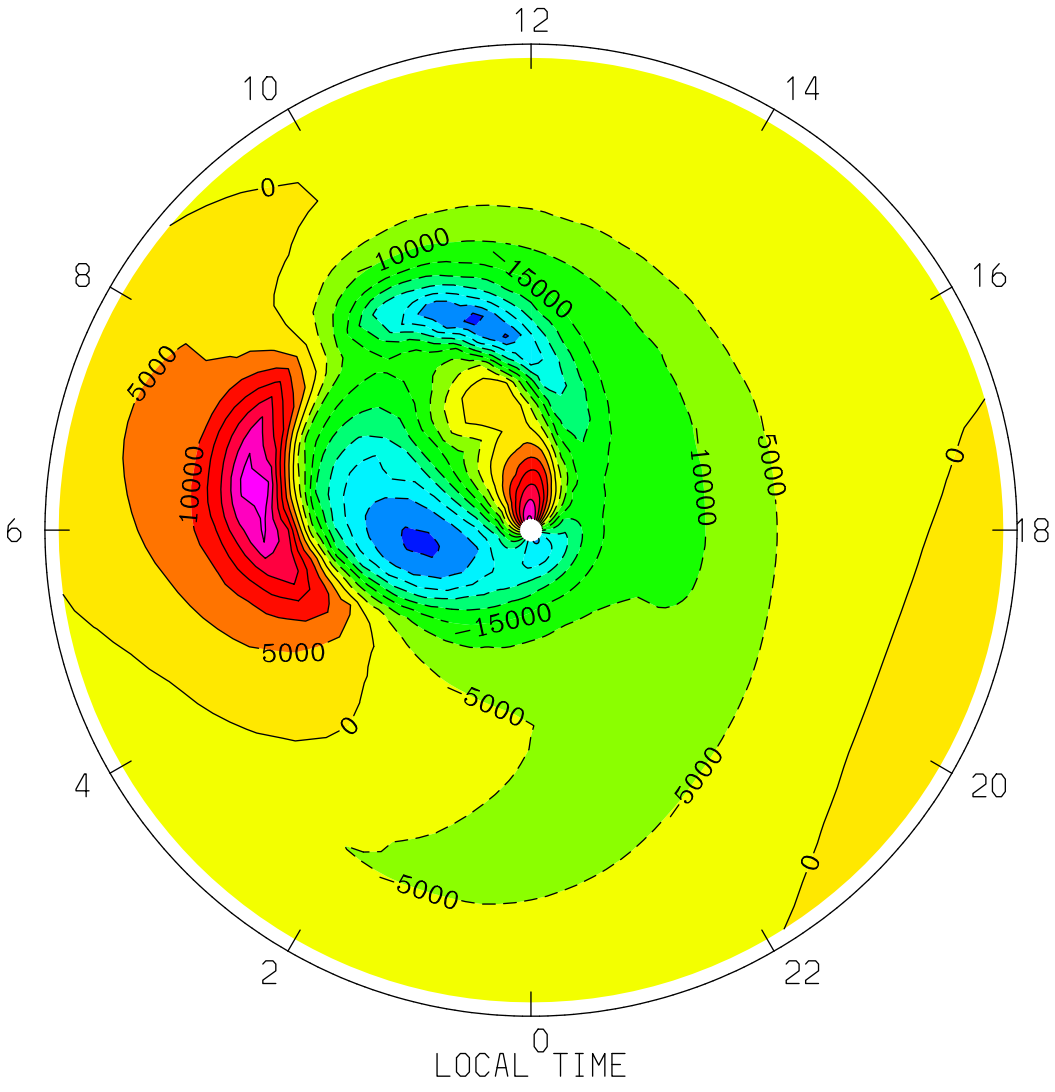


MIN,MAX= -5.0495E+04 4.8525E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

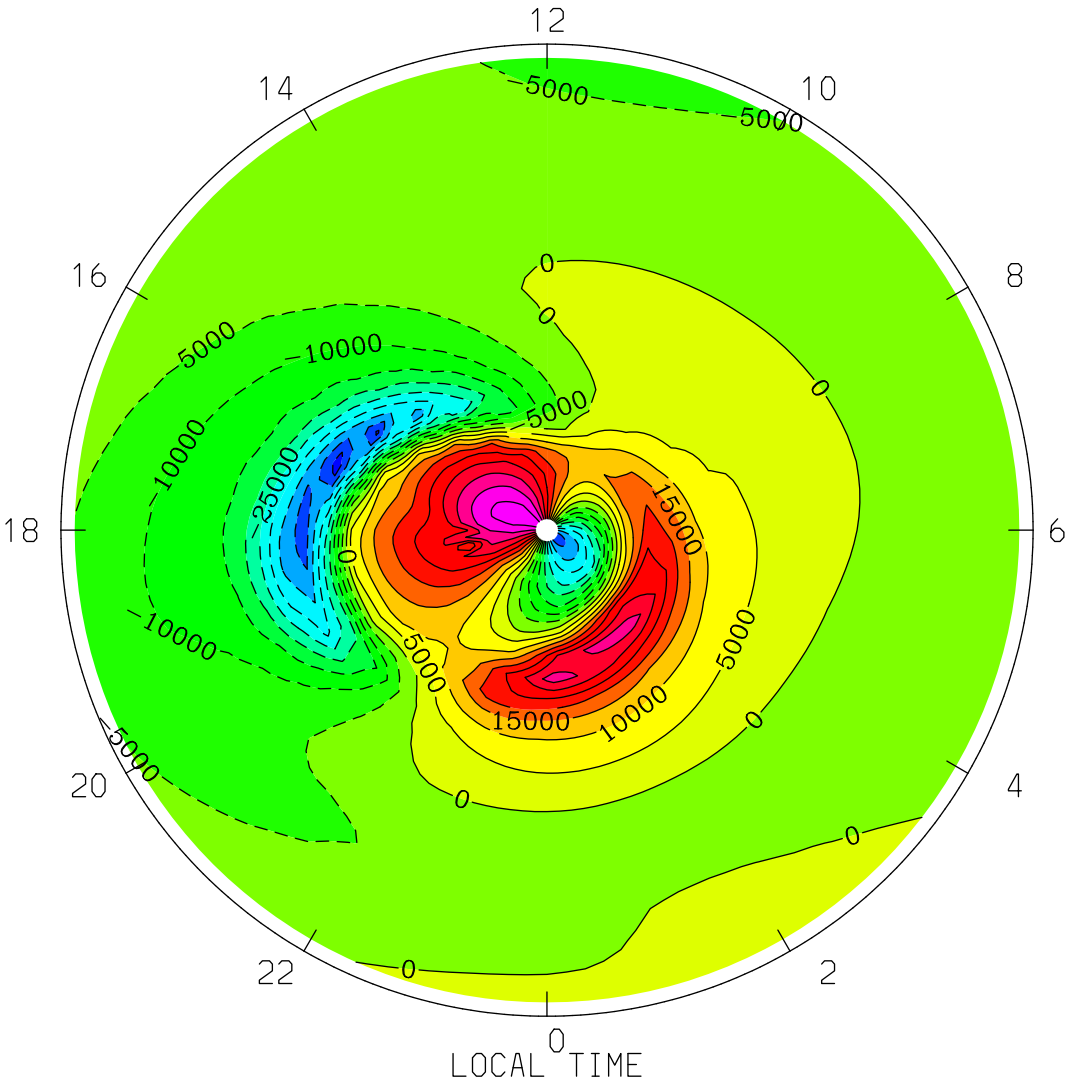

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 239.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.8103E+04 4.7593E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= -4.3241E+04 3.1736E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

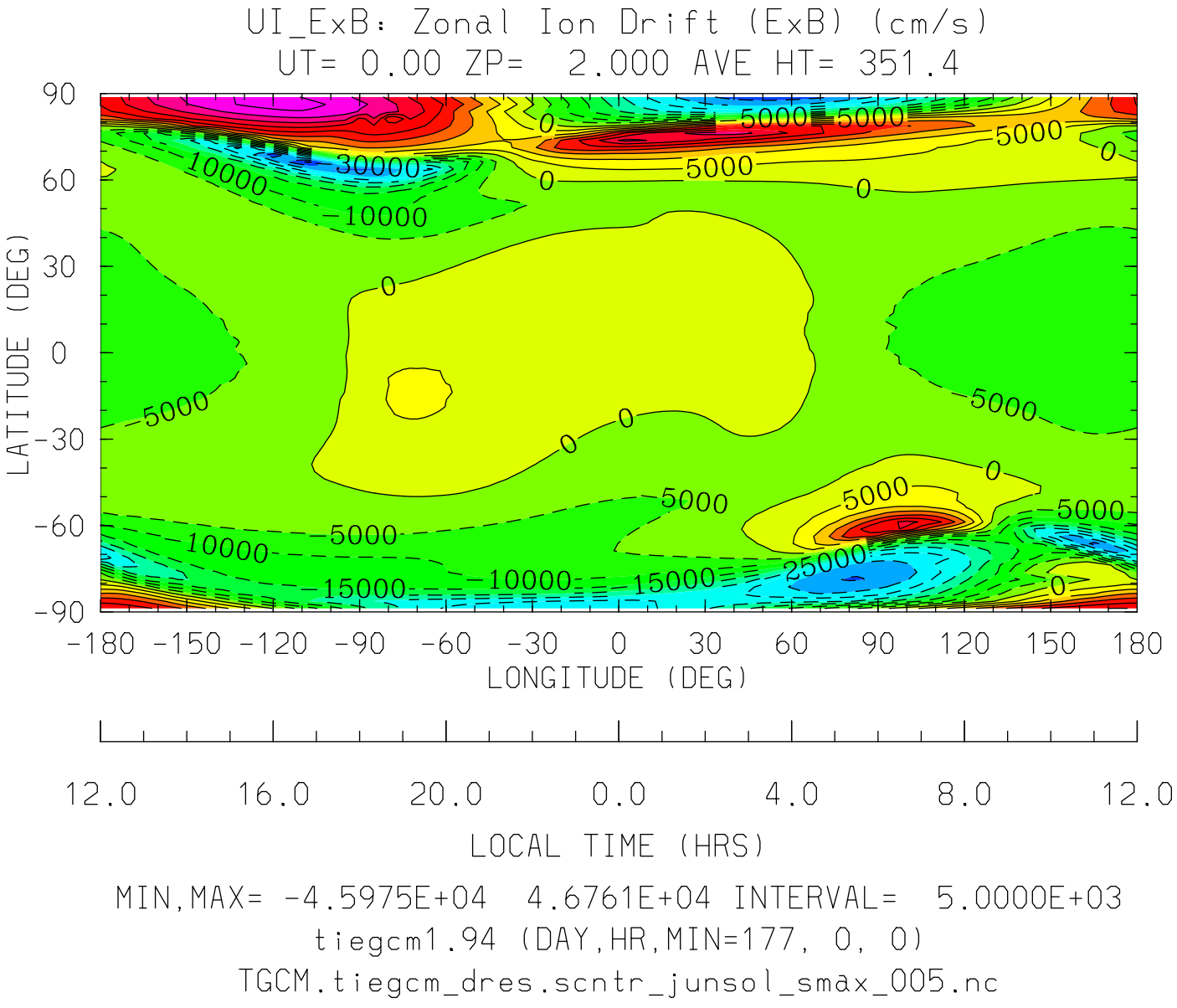
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



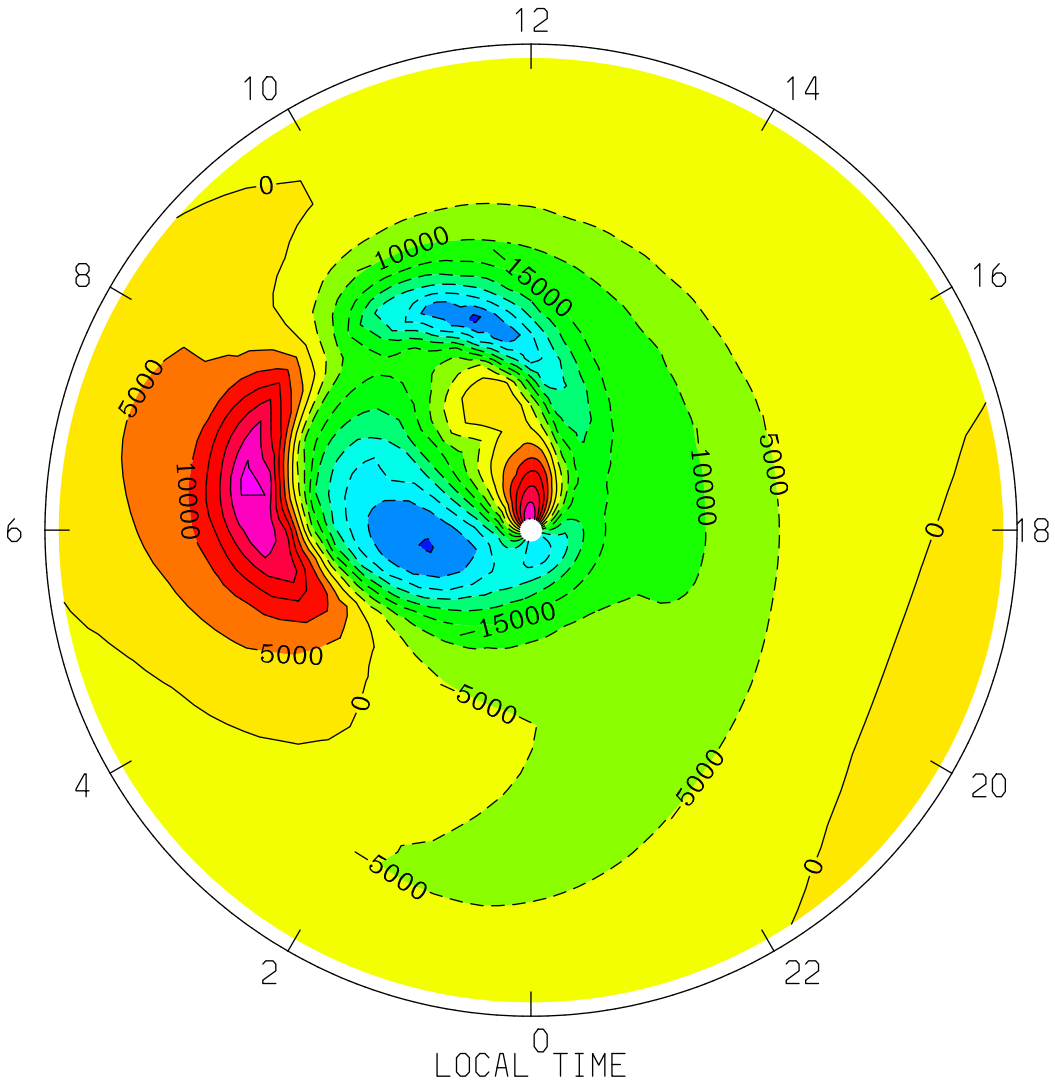
MIN,MAX= -4.8103E+04 4.7593E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

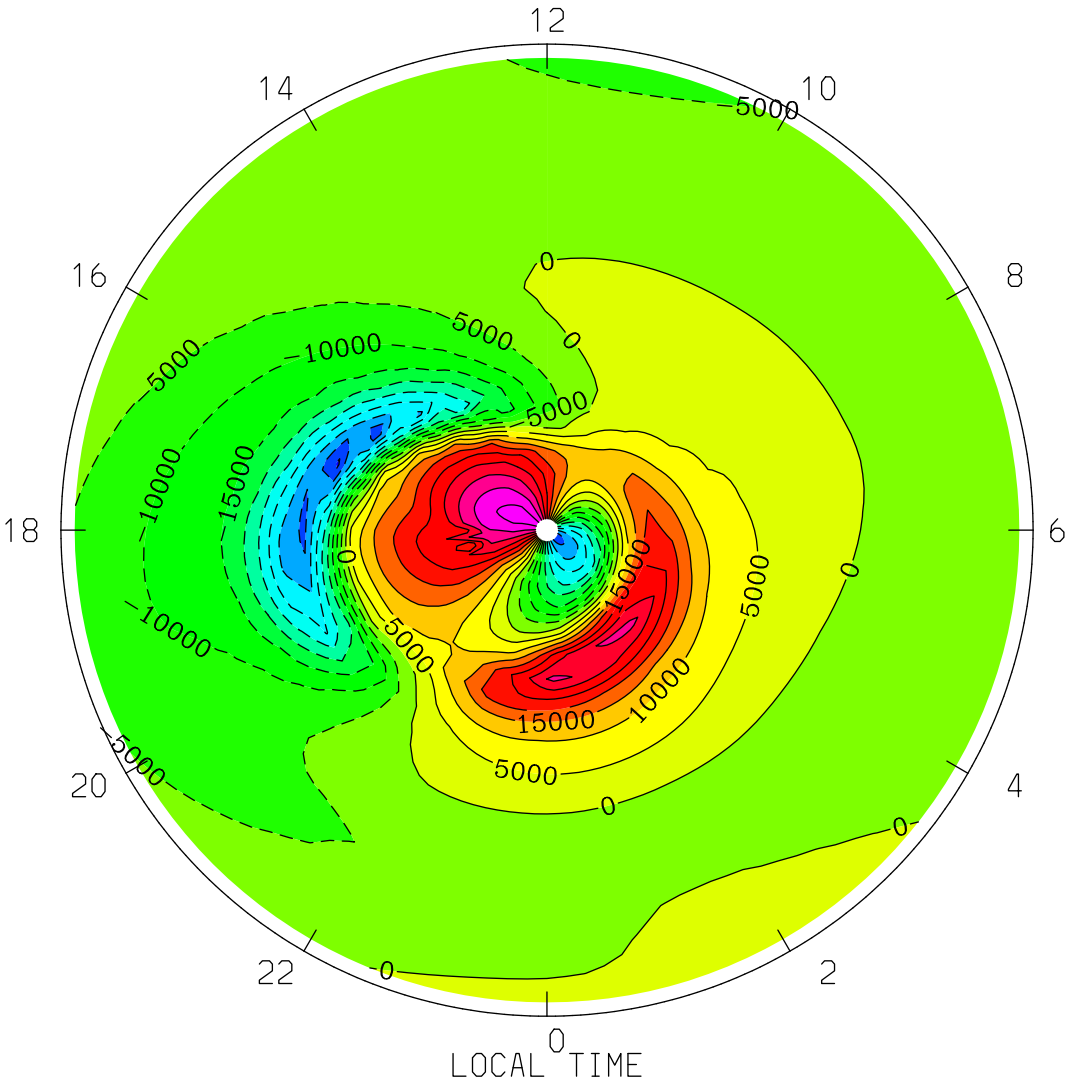
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 351.4
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= -4.5975E+04 4.6761E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

UI_ExB: Zonal Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT=-40.0



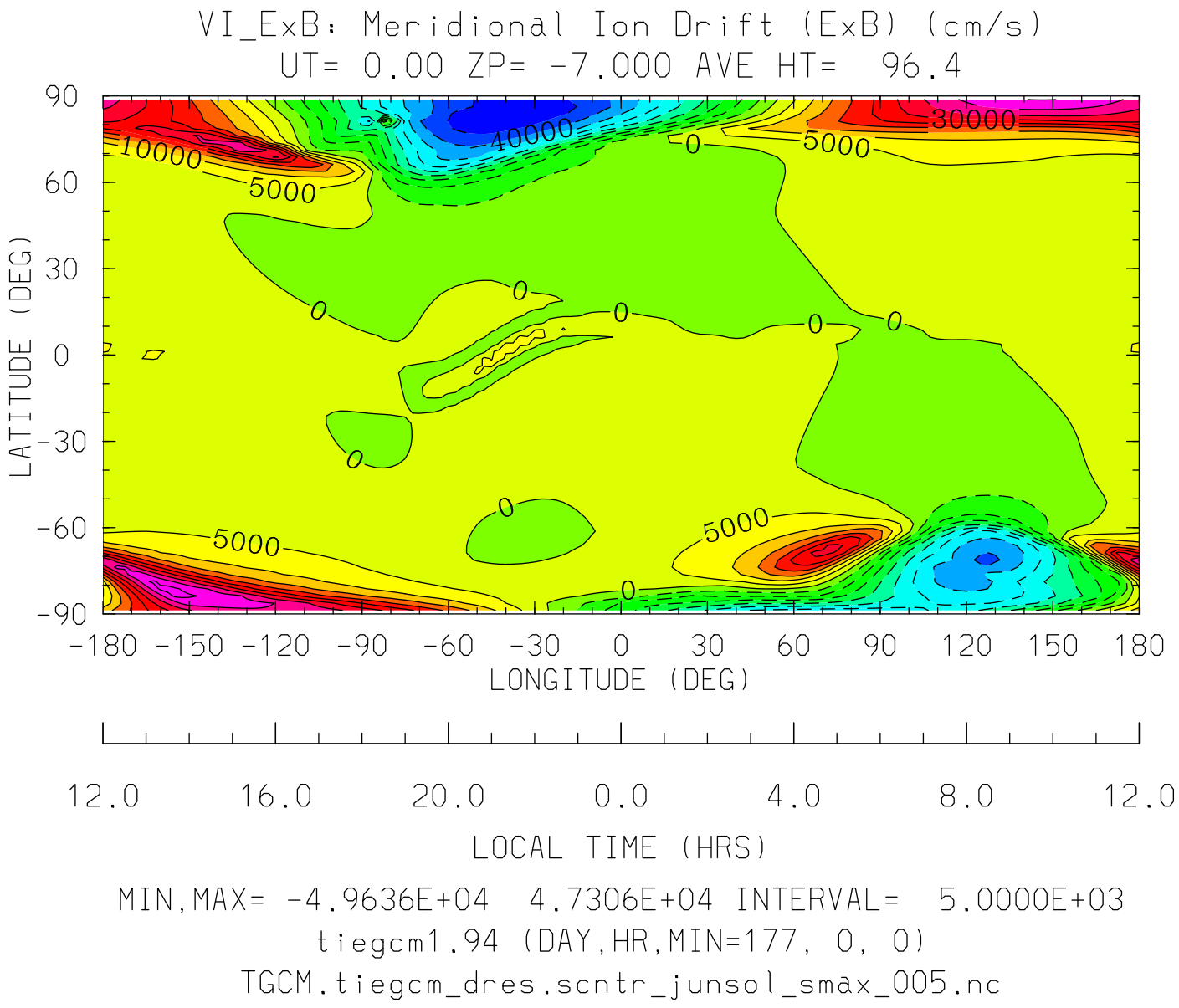
MIN,MAX= -4.2047E+04 3.1473E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

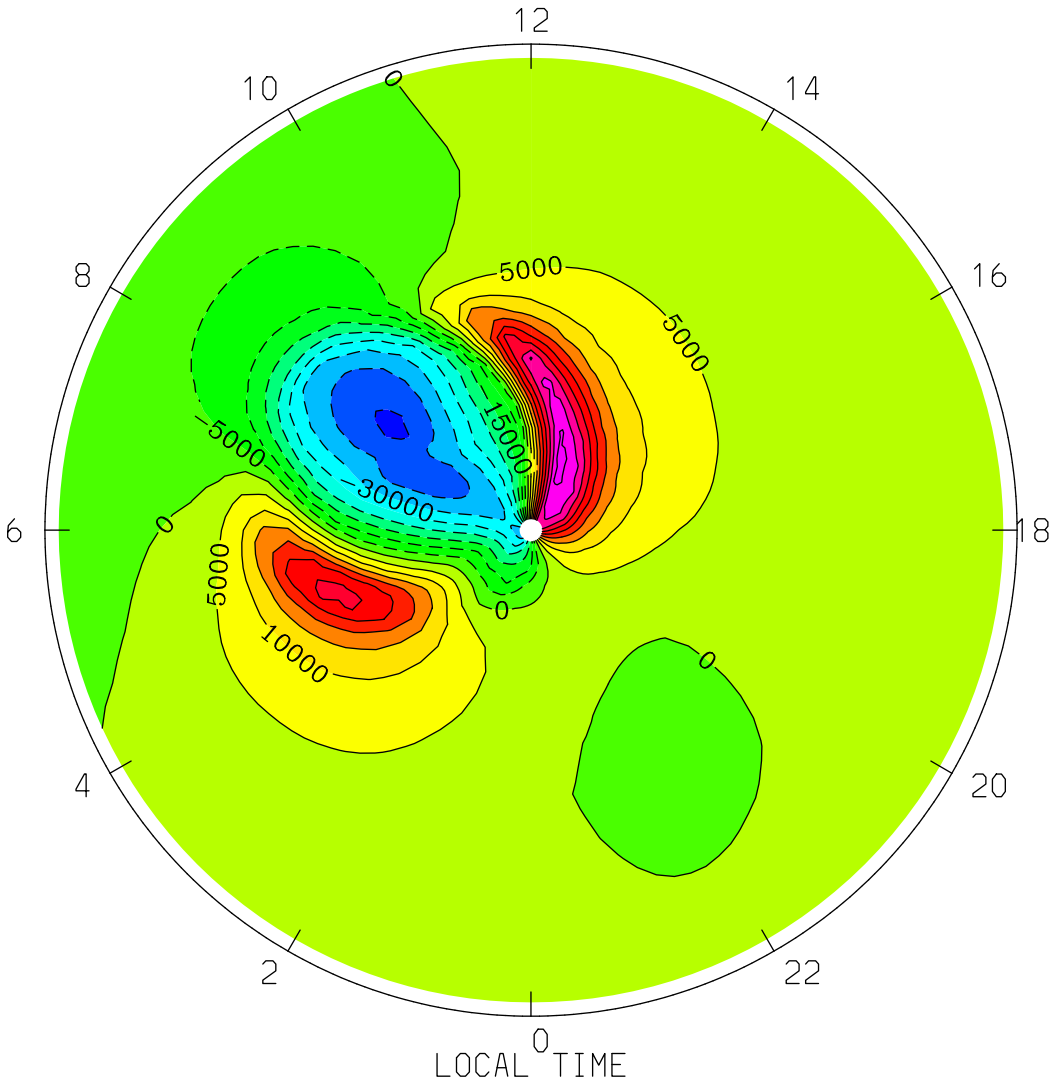


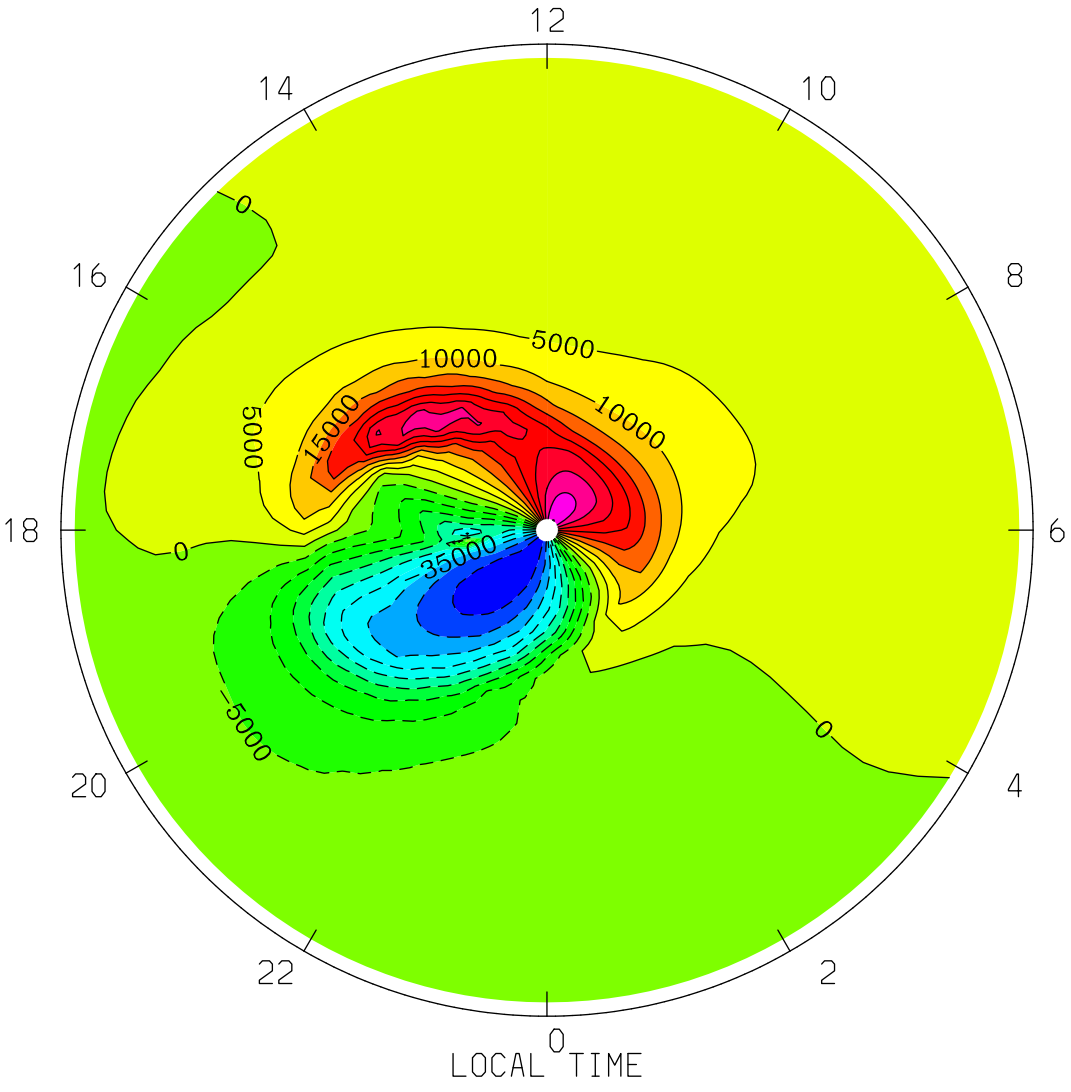
MIN,MAX= -4.5975E+04 4.6761E+04 INTERVAL= 5.0000E+03

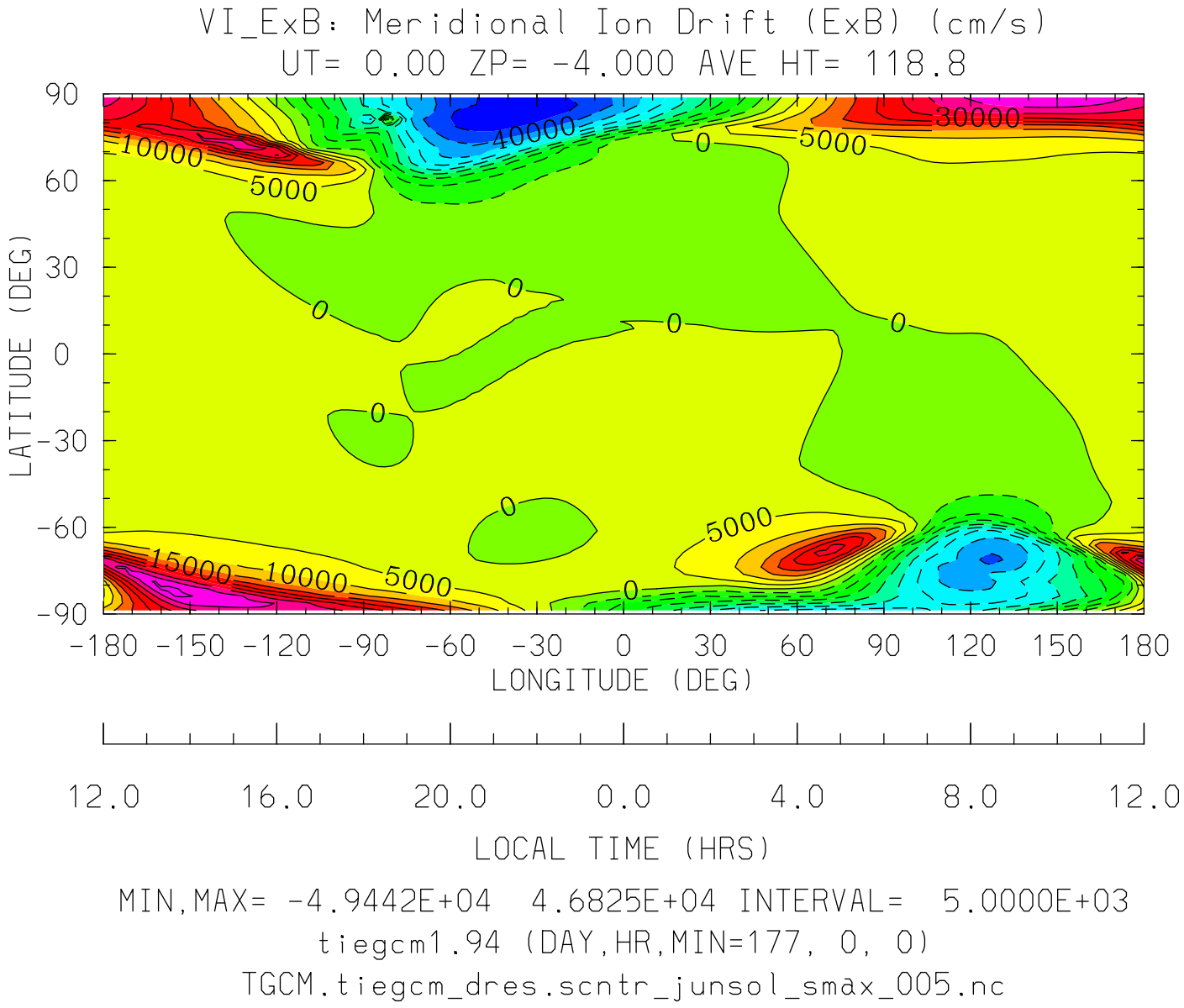
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


VI_ExB: Meridional 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)
30000
40000
10000
5000
0
MIN,MAX= -4.9636E+04 4.7306E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
5000
5000
15000
5000
30000
0
0
5000
10000
0
MIN,MAX= -4.0978E+04 4.7306E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

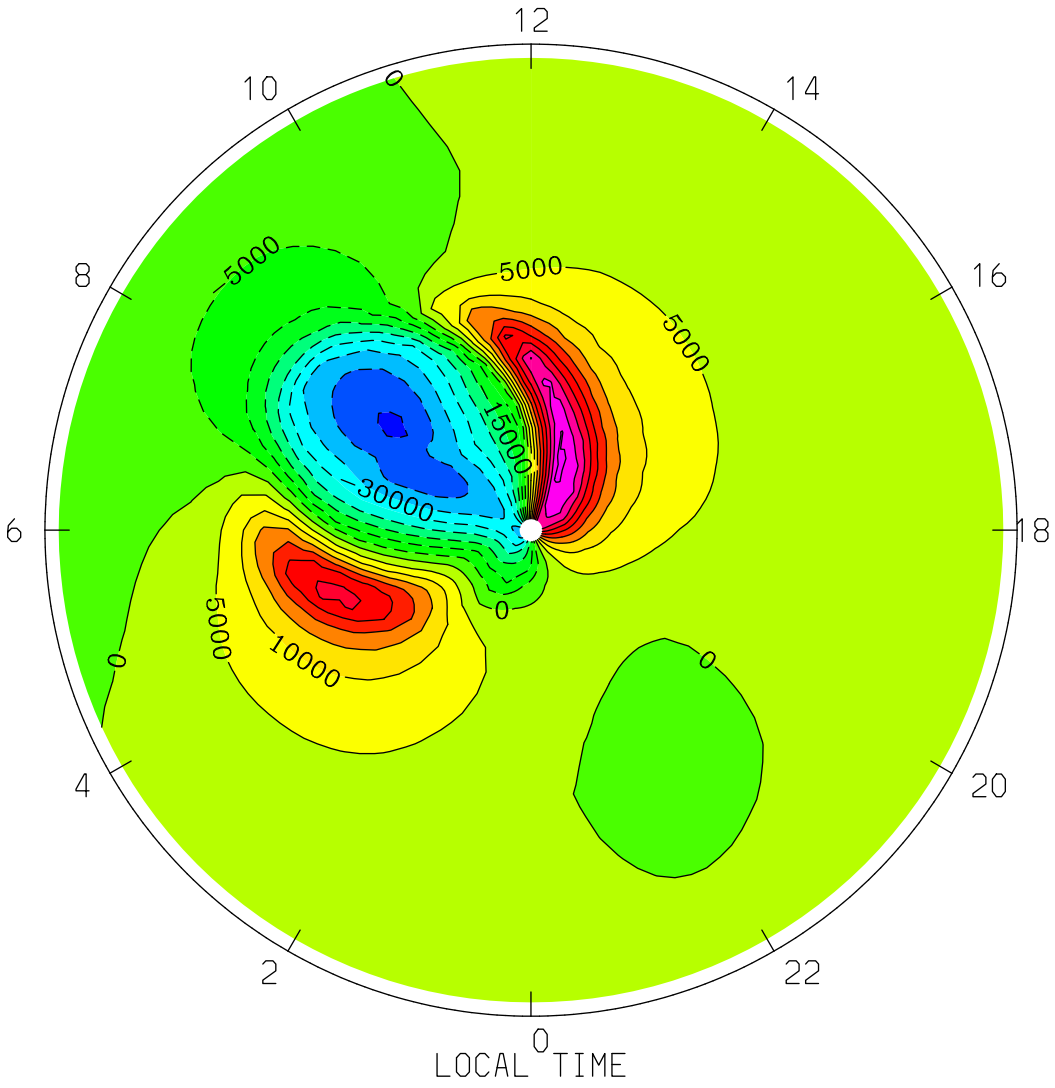

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
0
5000
10000
15000
-5000
-35000
LOCAL TIME
MIN,MAX= -4.9636E+04 4.5146E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

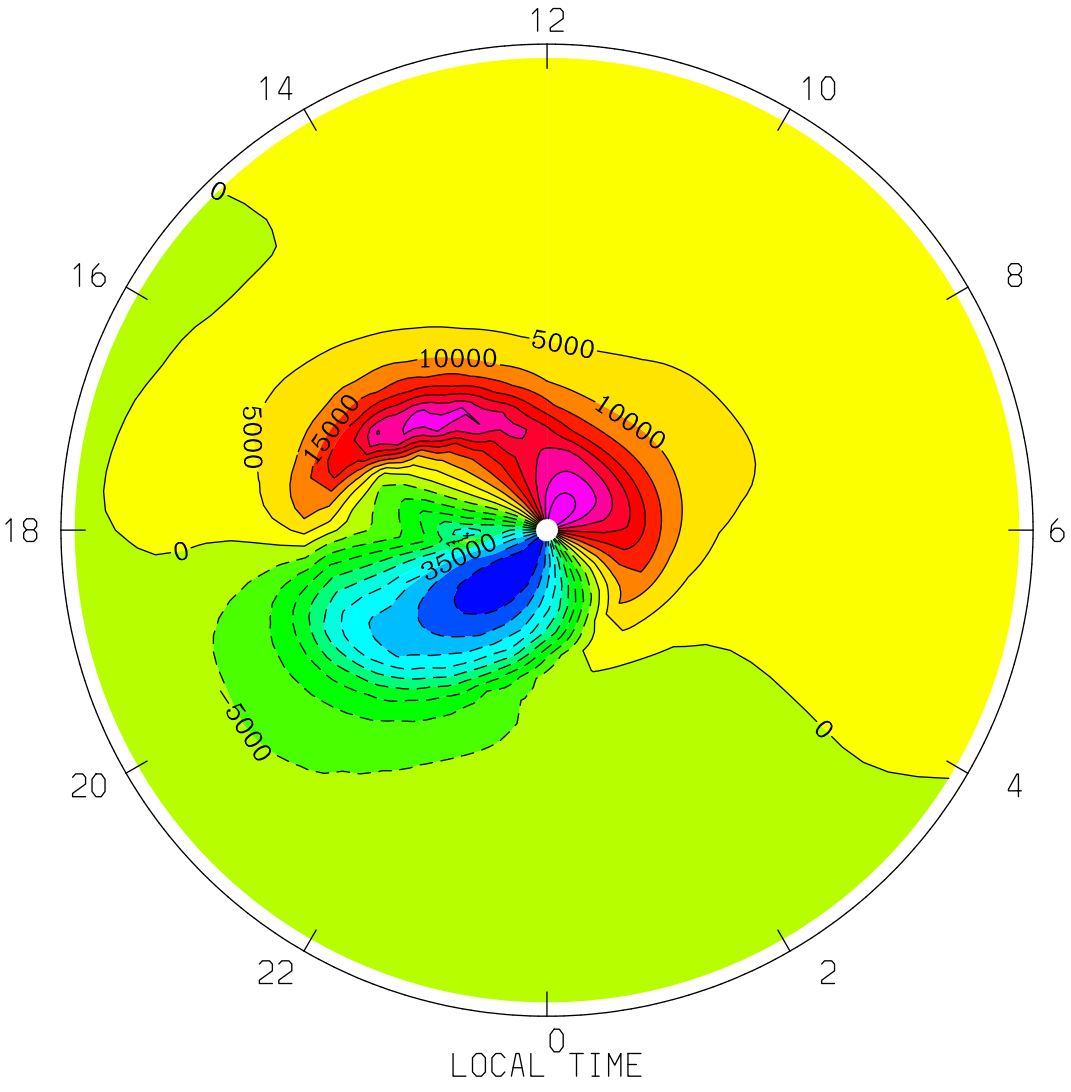


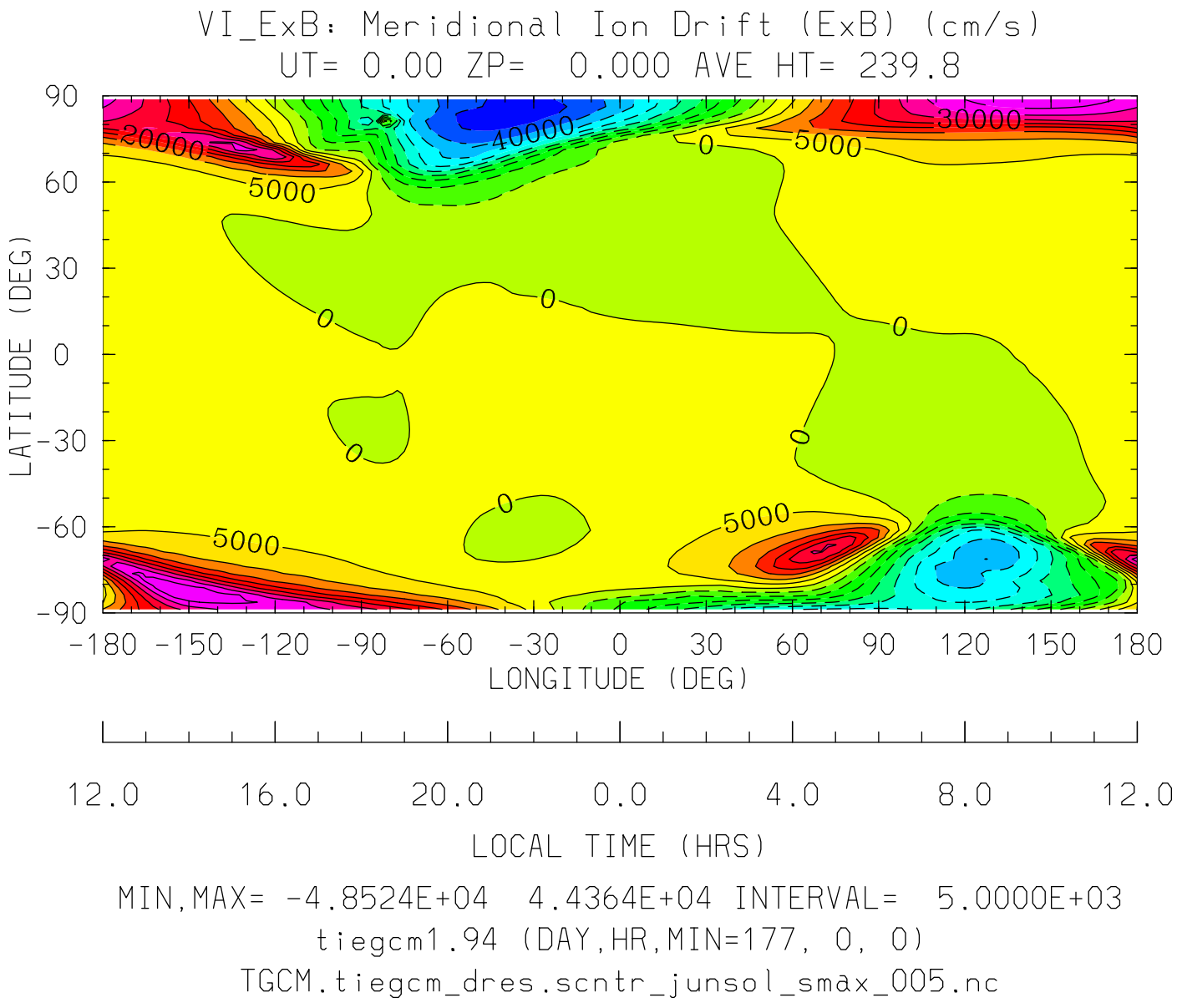
MIN,MAX= -4.9442E+04 4.6825E+04 INTERVAL= 5.0000E+03

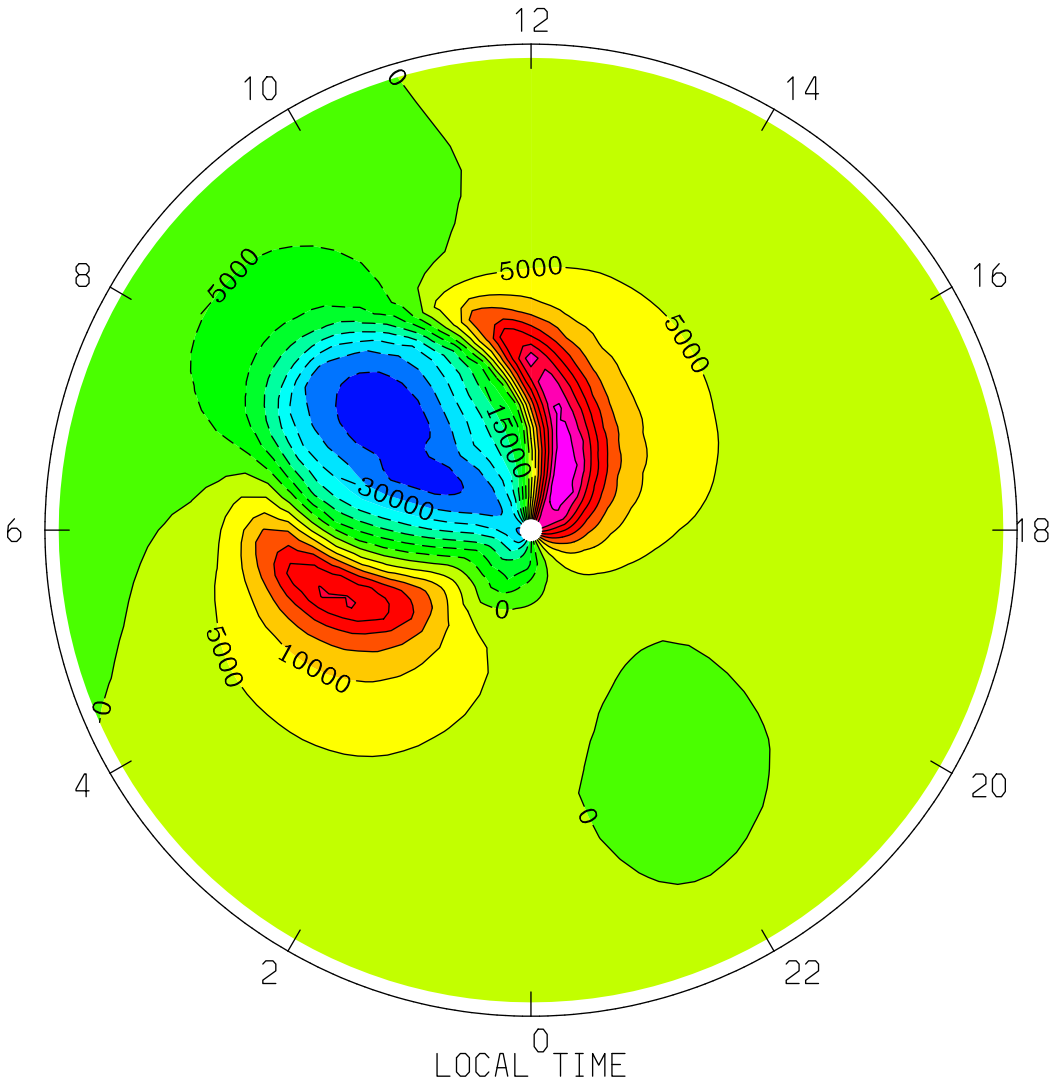
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

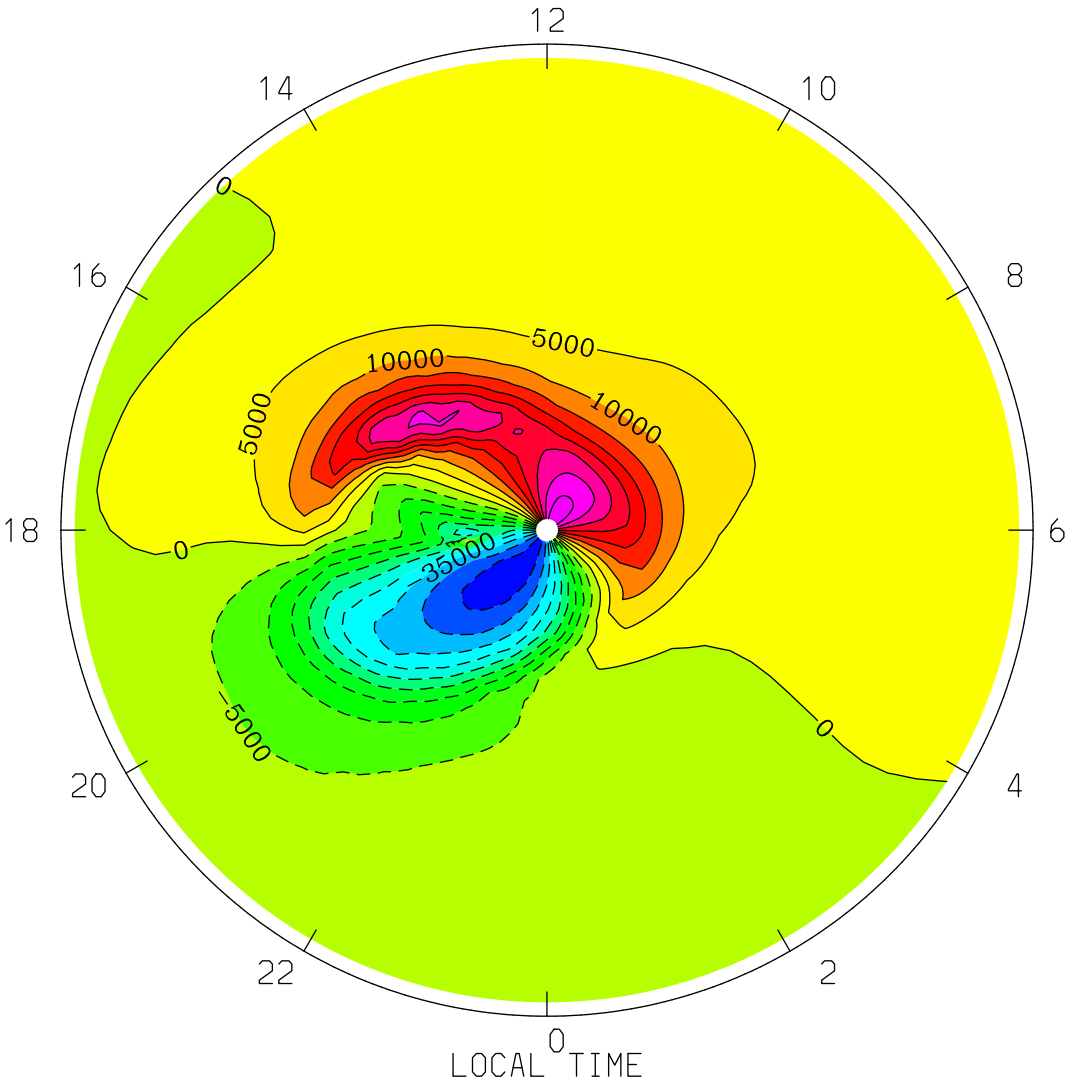
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

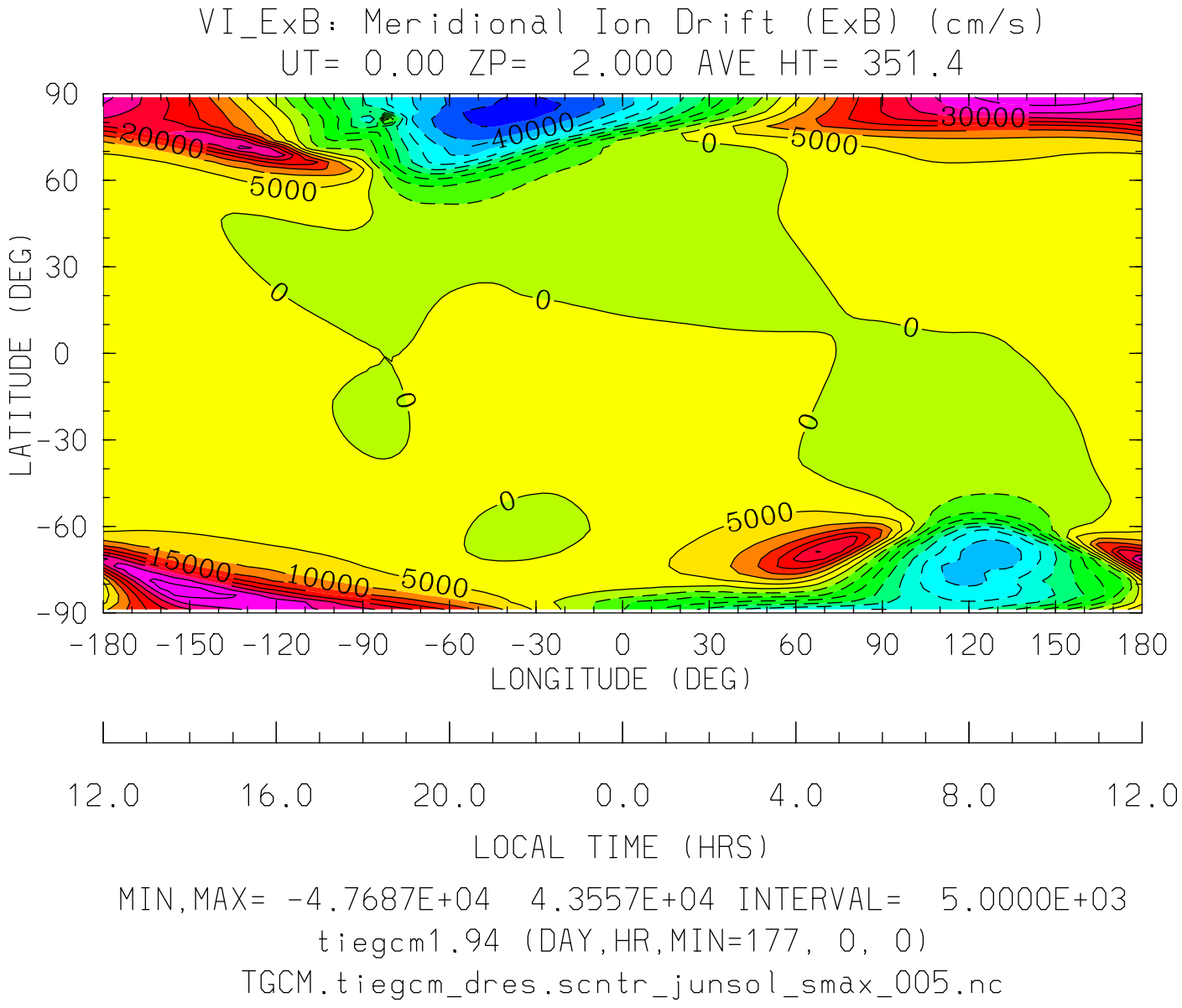

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
5000
5000
5000
15000
30000
0
0
5000
10000
0
MIN,MAX= -4.0824E+04 4.6825E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
0
5000
10000
15000
5000
10000
0
35000
-5000
0
LOCAL TIME
MIN,MAX= -4.9442E+04 4.4997E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 239.8
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
30000
20000
40000
5000
0
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.8524E+04 4.4364E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
5000
5000
5000
15000
30000
0
0
5000
10000
0
0
MIN,MAX= -4.0048E+04 4.4364E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

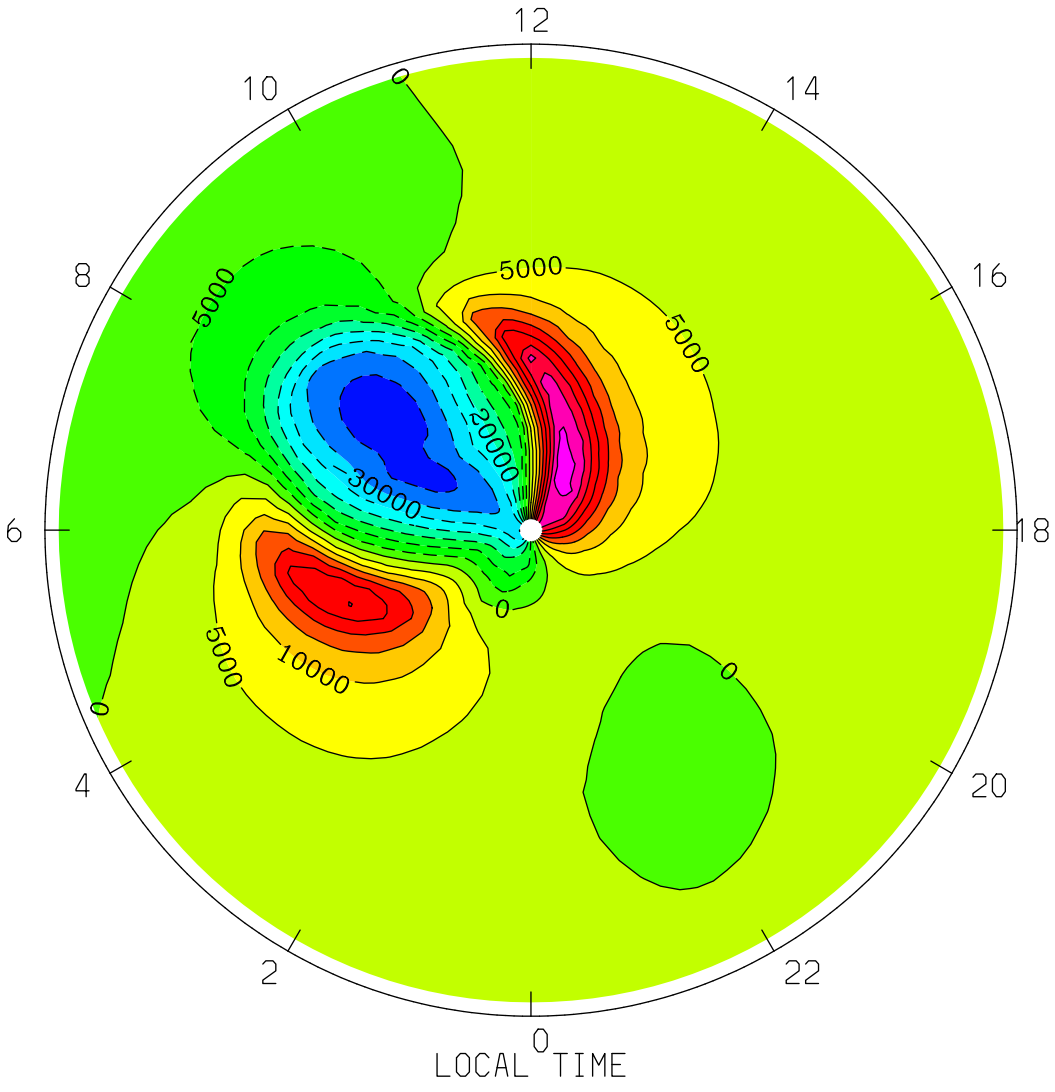

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
0
5000
10000
5000
10000
0
35000
5000
0
LOCAL TIME
MIN,MAX= -4.8524E+04 4.4241E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

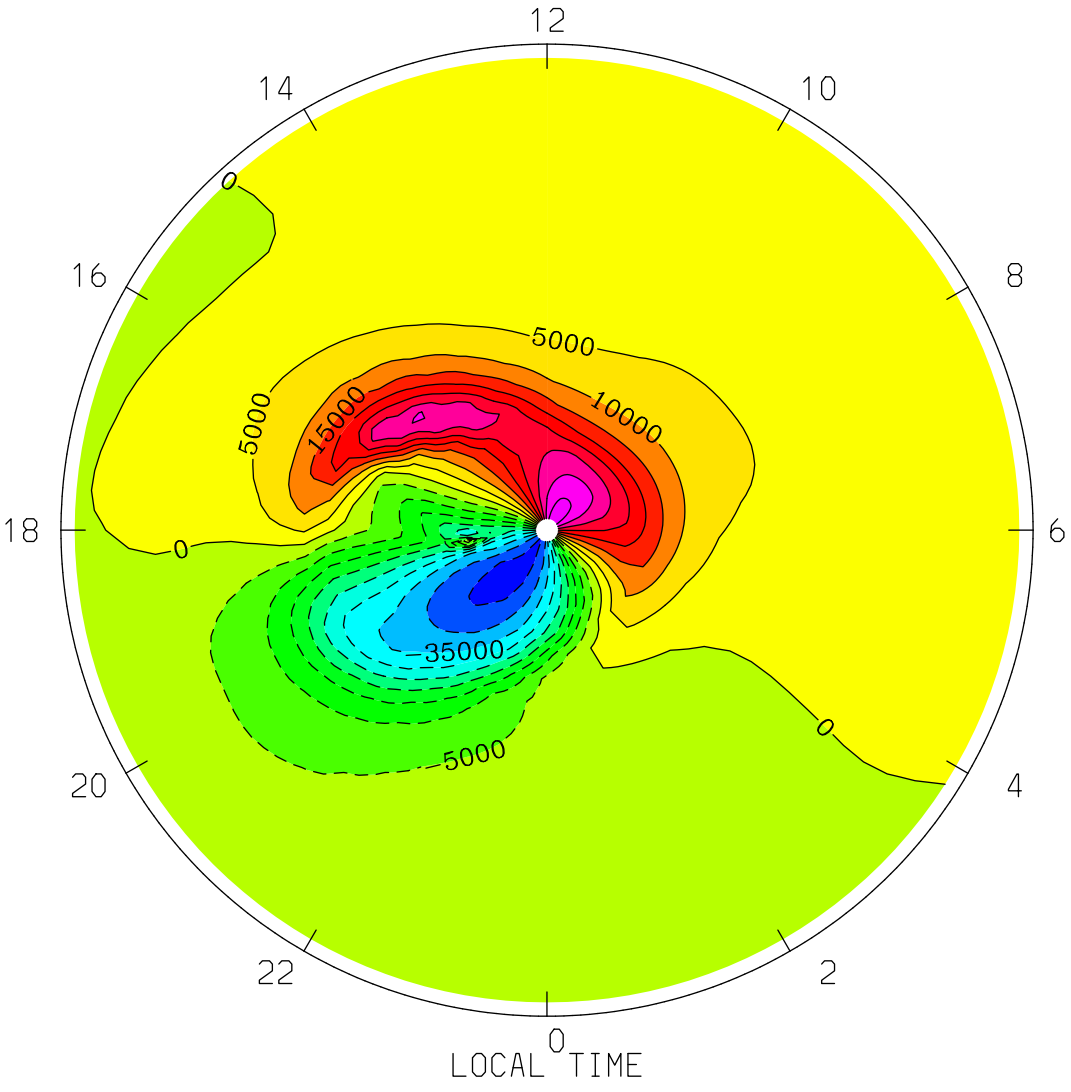


MIN,MAX= -4.7687E+04 4.3557E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

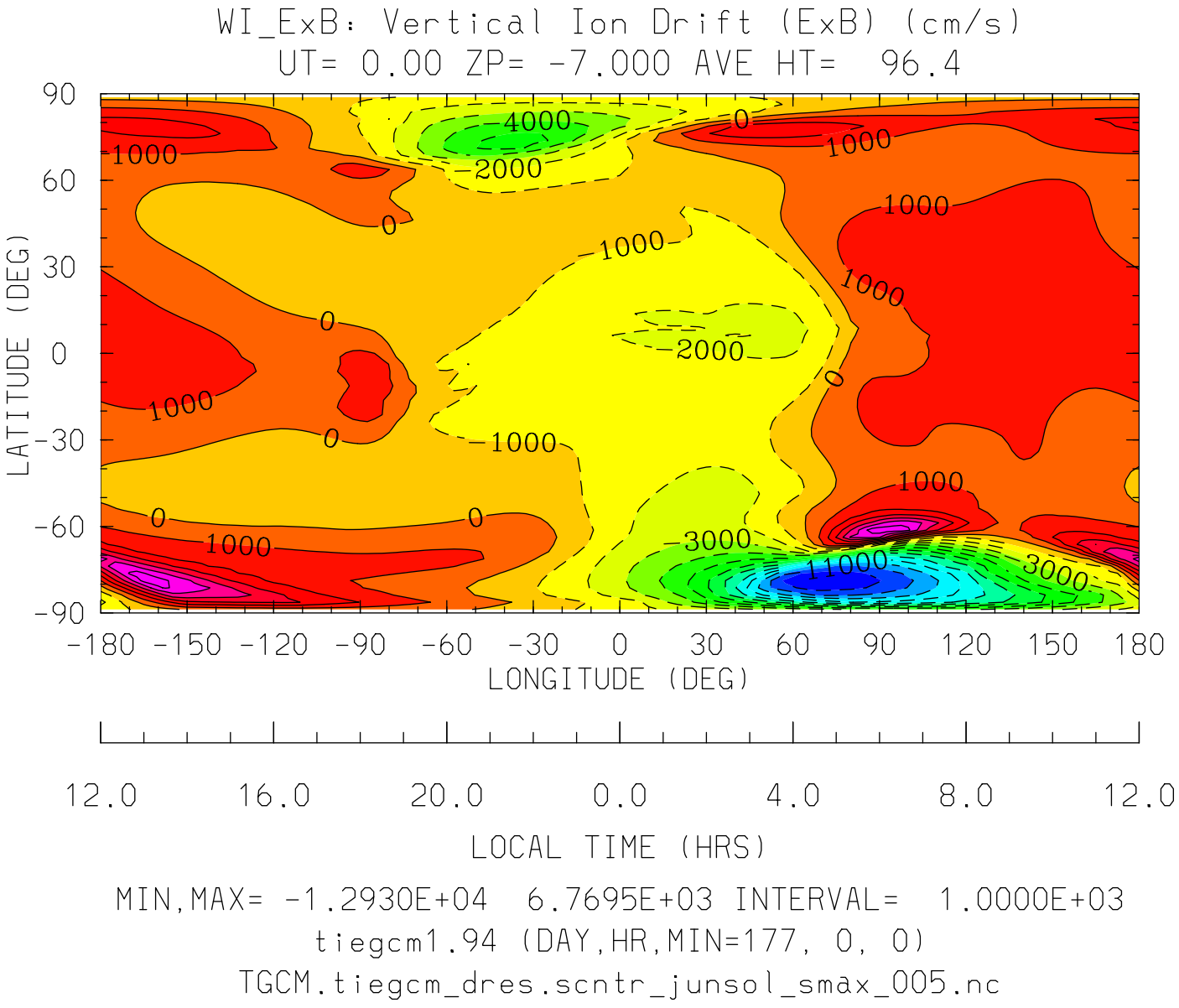

VI_ExB: Meridional Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
5000
5000
5000
20000
30000
0
5000
10000
0
0
MIN,MAX= -3.9410E+04 4.2362E+04 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

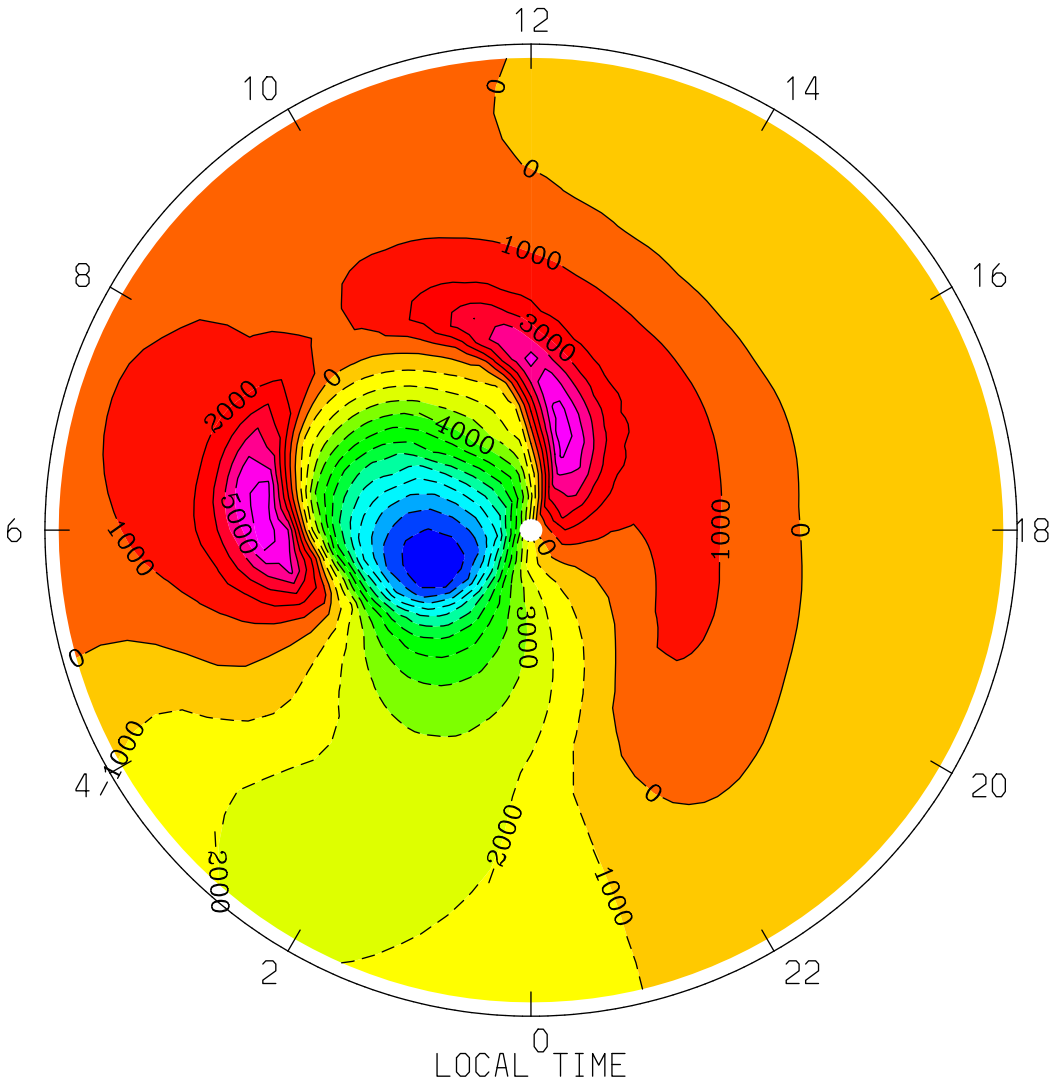


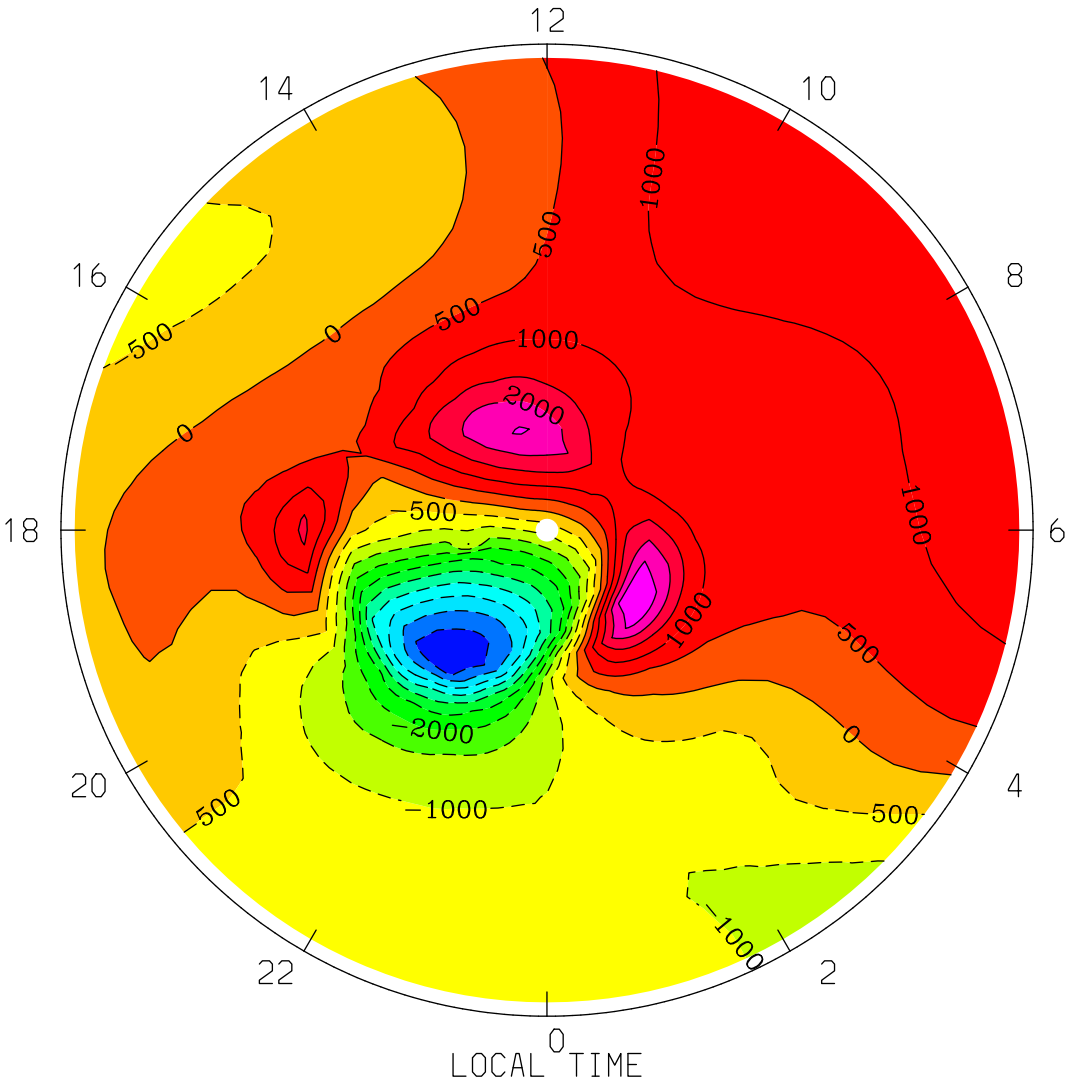
MIN,MAX= -4.7687E+04 4.3557E+04 INTERVAL= 5.0000E+03

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.2930E+04 6.7695E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

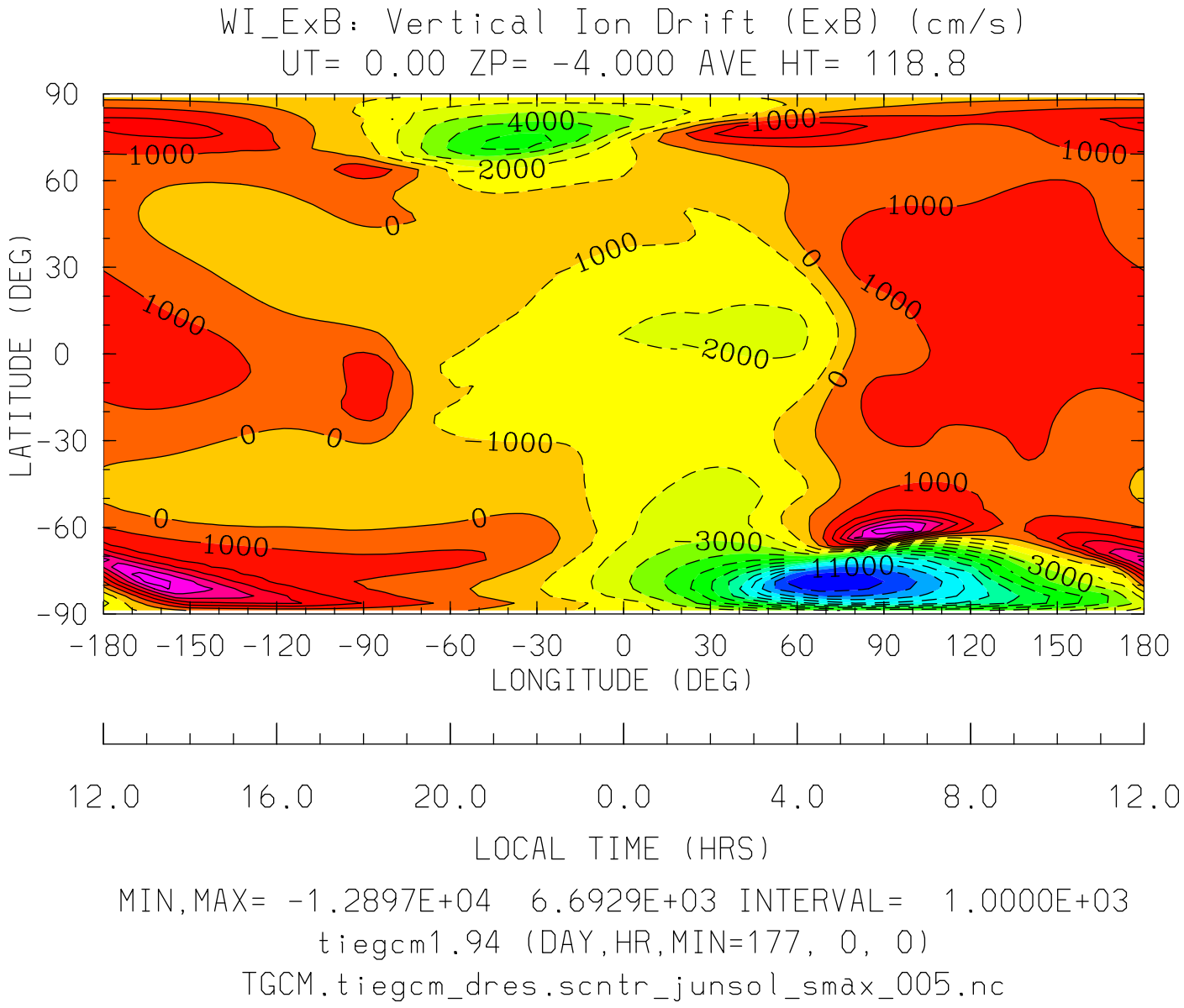

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
1000
2000
3000
4000
5000
MIN,MAX= -1.2930E+04 6.7695E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= -5.3855E+03 2.7940E+03 INTERVAL= 5.0000E+02

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

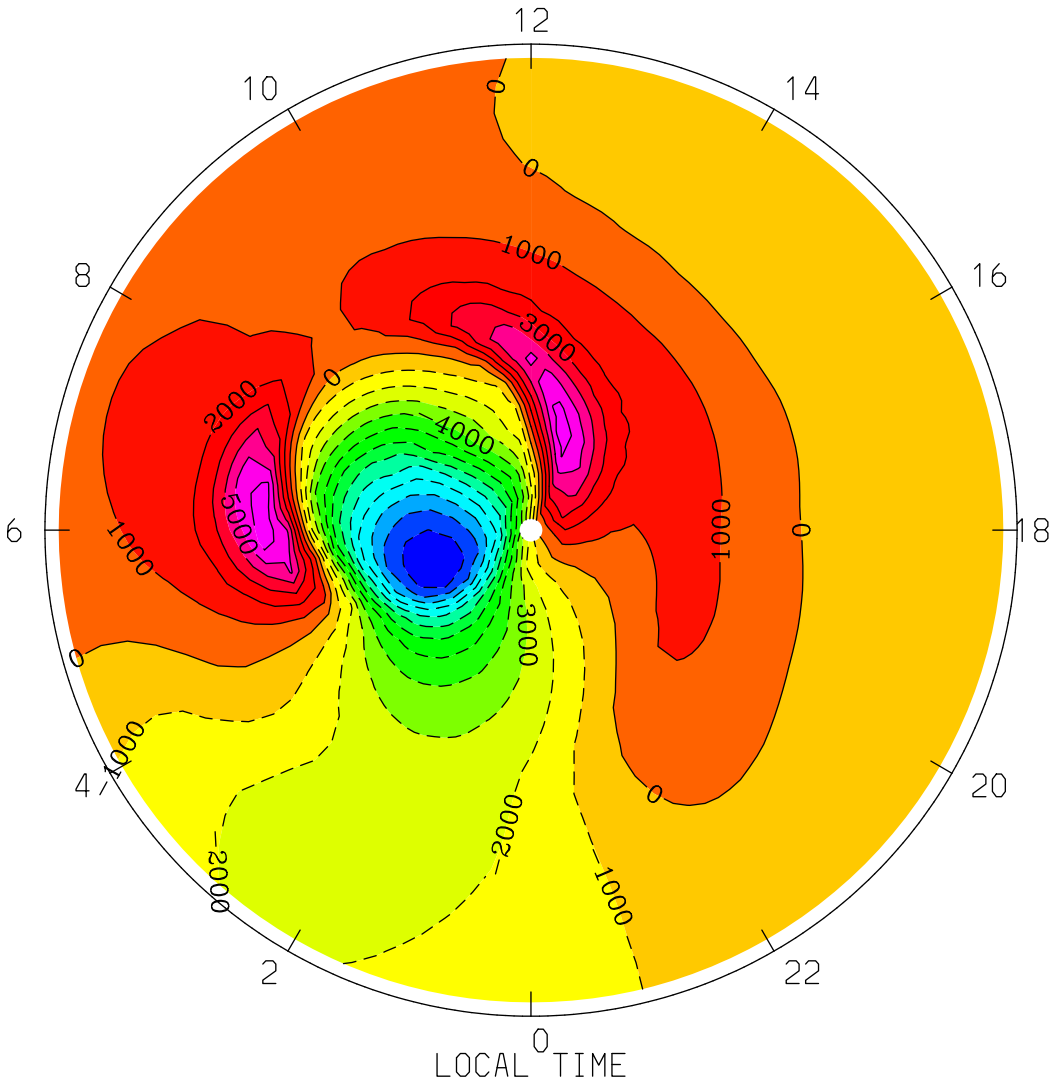
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

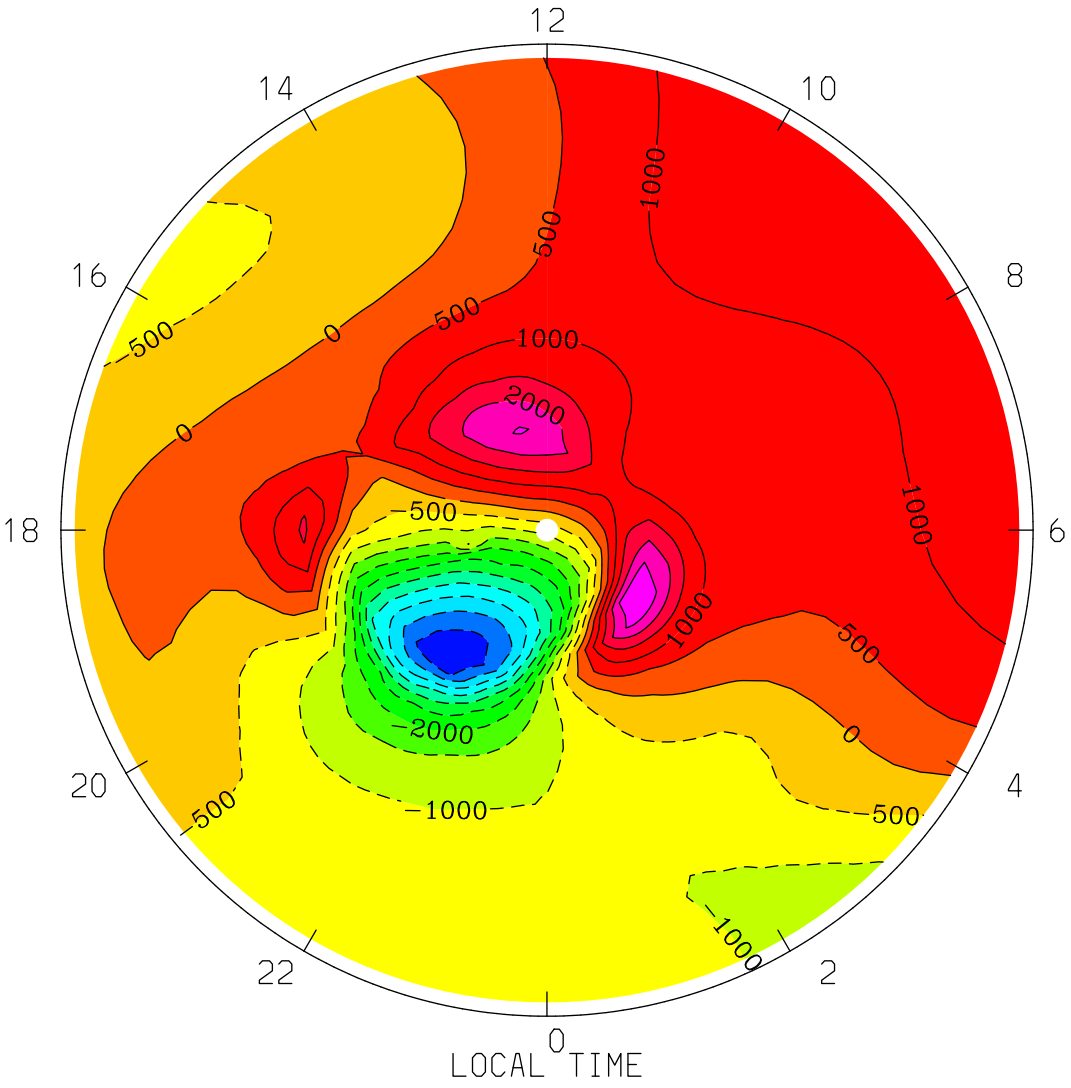


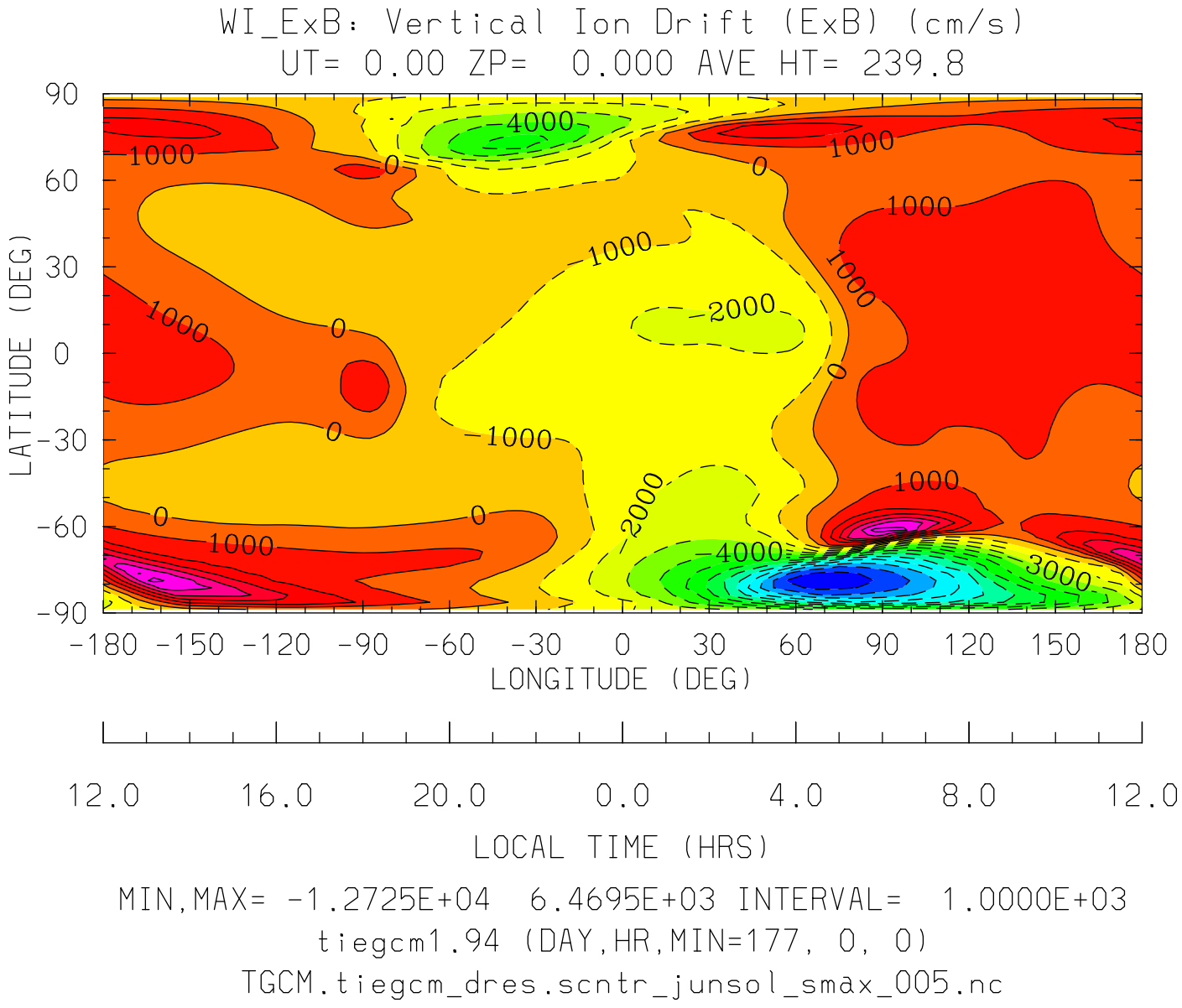
MIN,MAX= -1.2897E+04 6.6929E+03 INTERVAL= 1.0000E+03

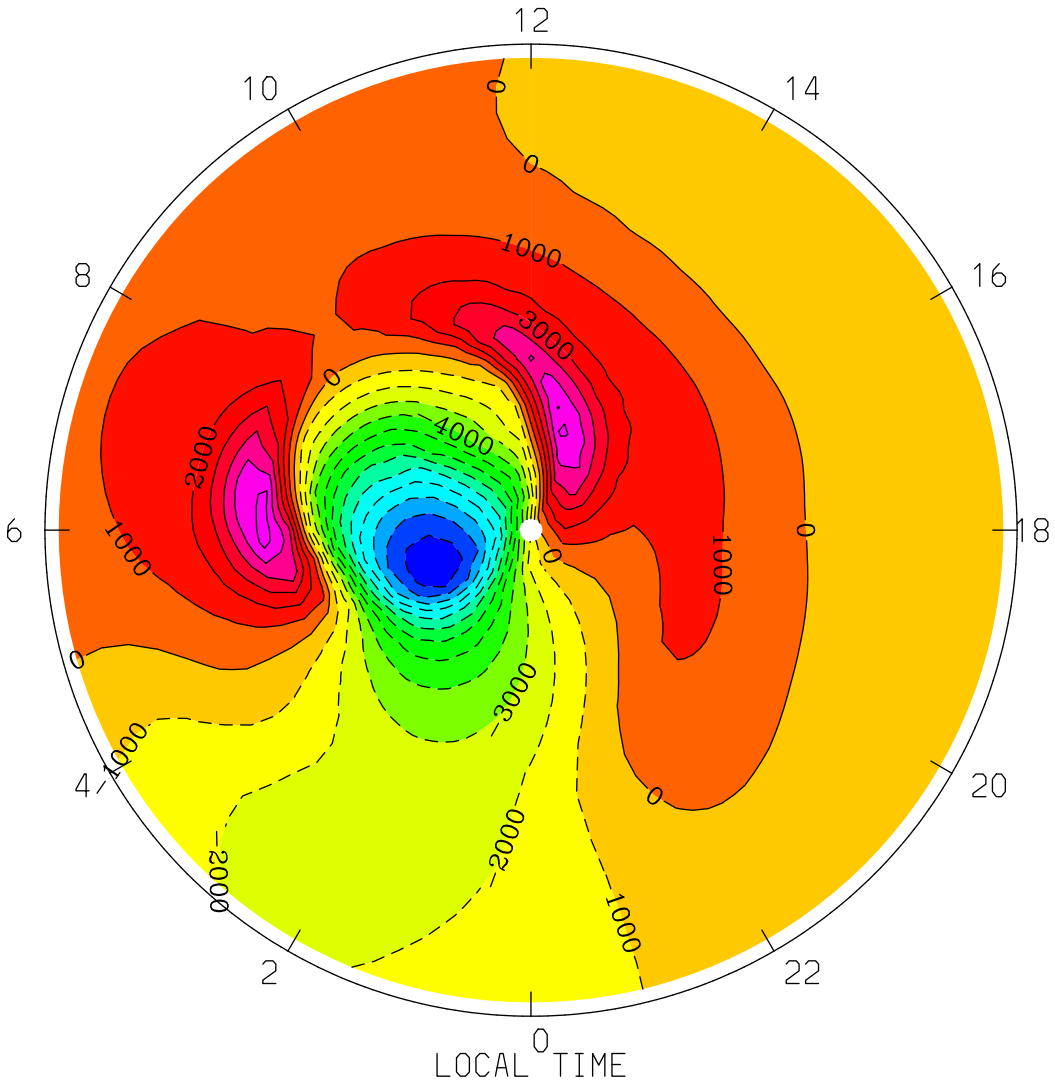
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

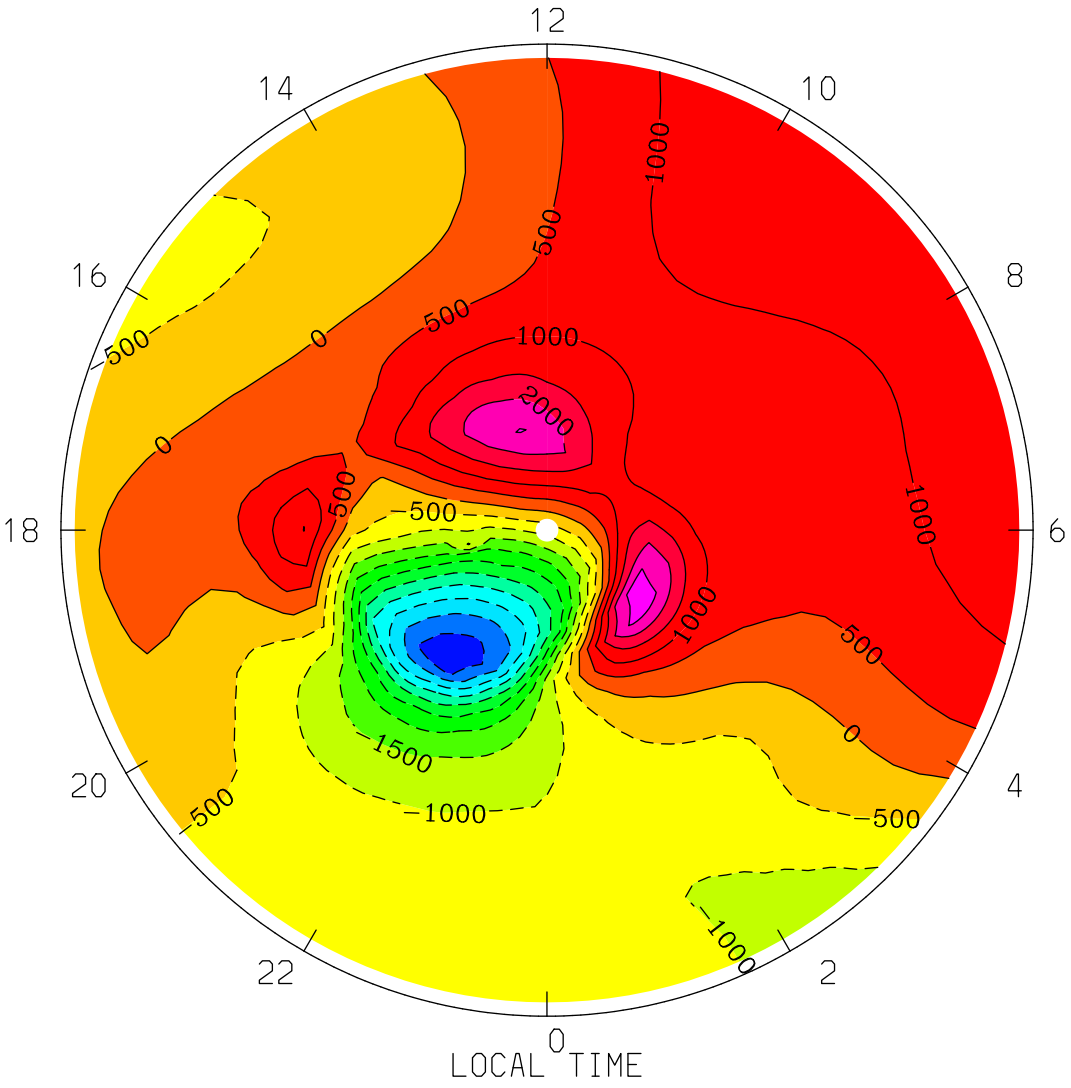
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
1000
2000
3000
4000
5000
MIN,MAX= -1.2897E+04 6.6929E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
-500
0
500
1000
2000
-1000
MIN,MAX= -5.3690E+03 2.7597E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 239.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.2725E+04 6.4695E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

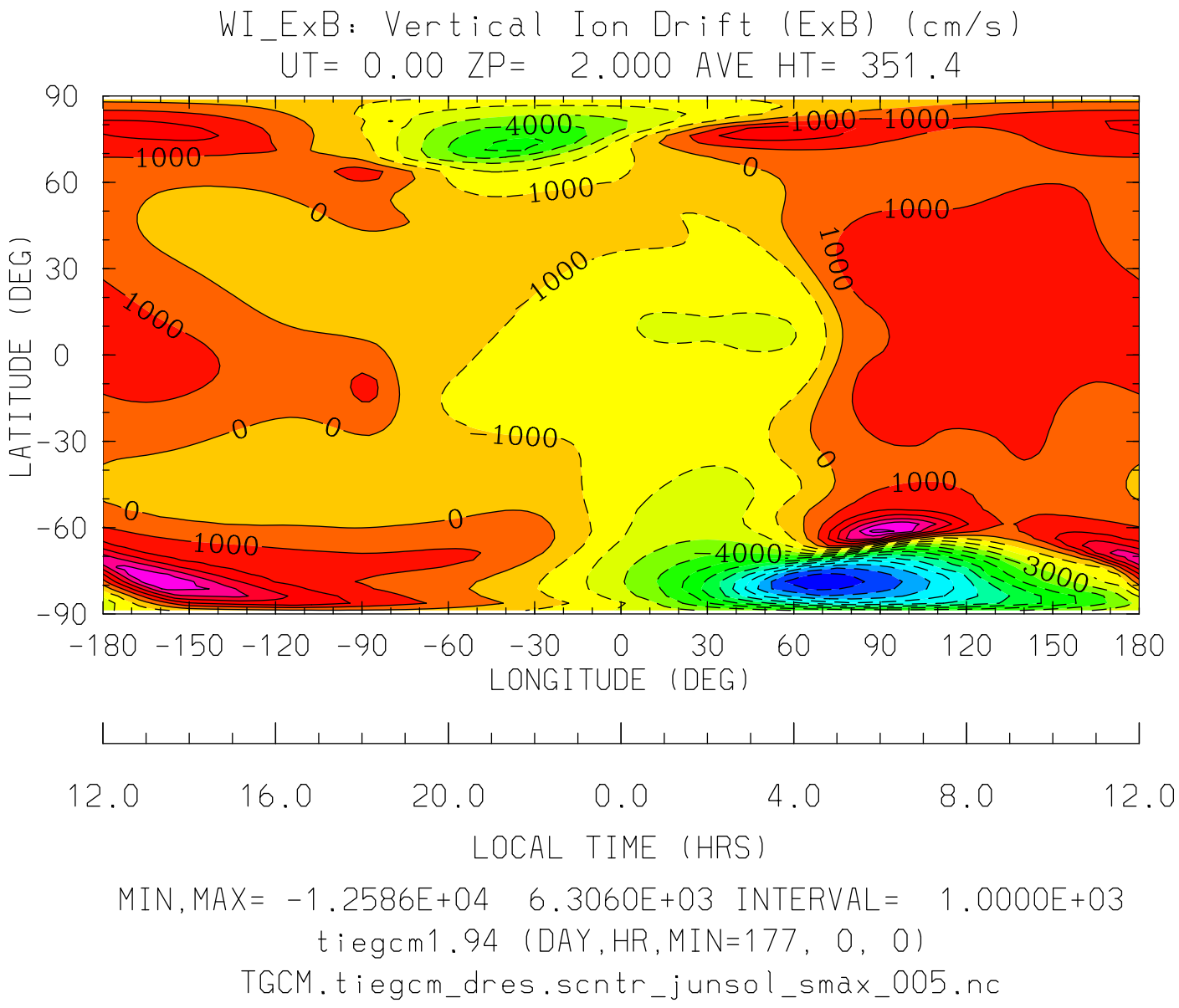

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
1000
2000
3000
4000
MIN,MAX= -1.2725E+04 6.4695E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

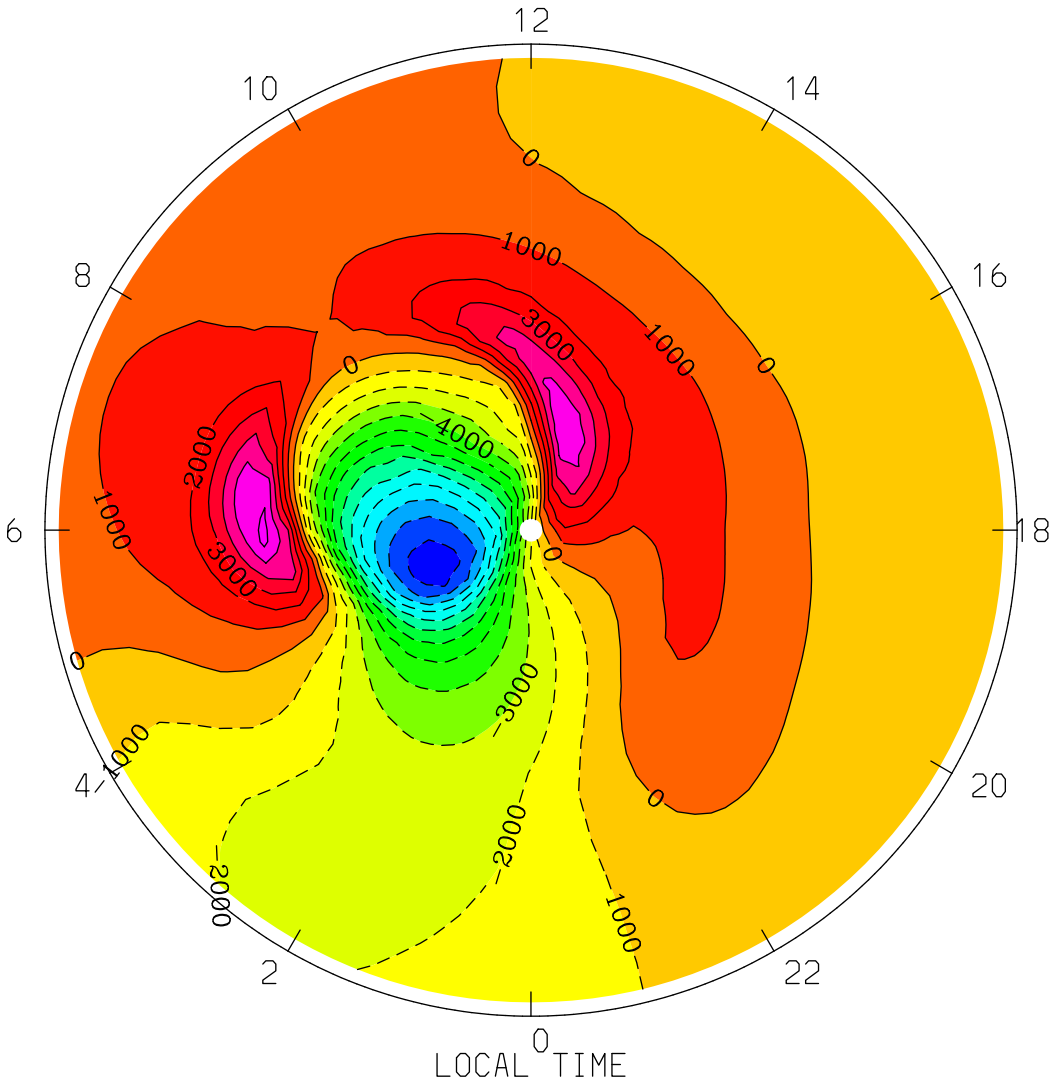


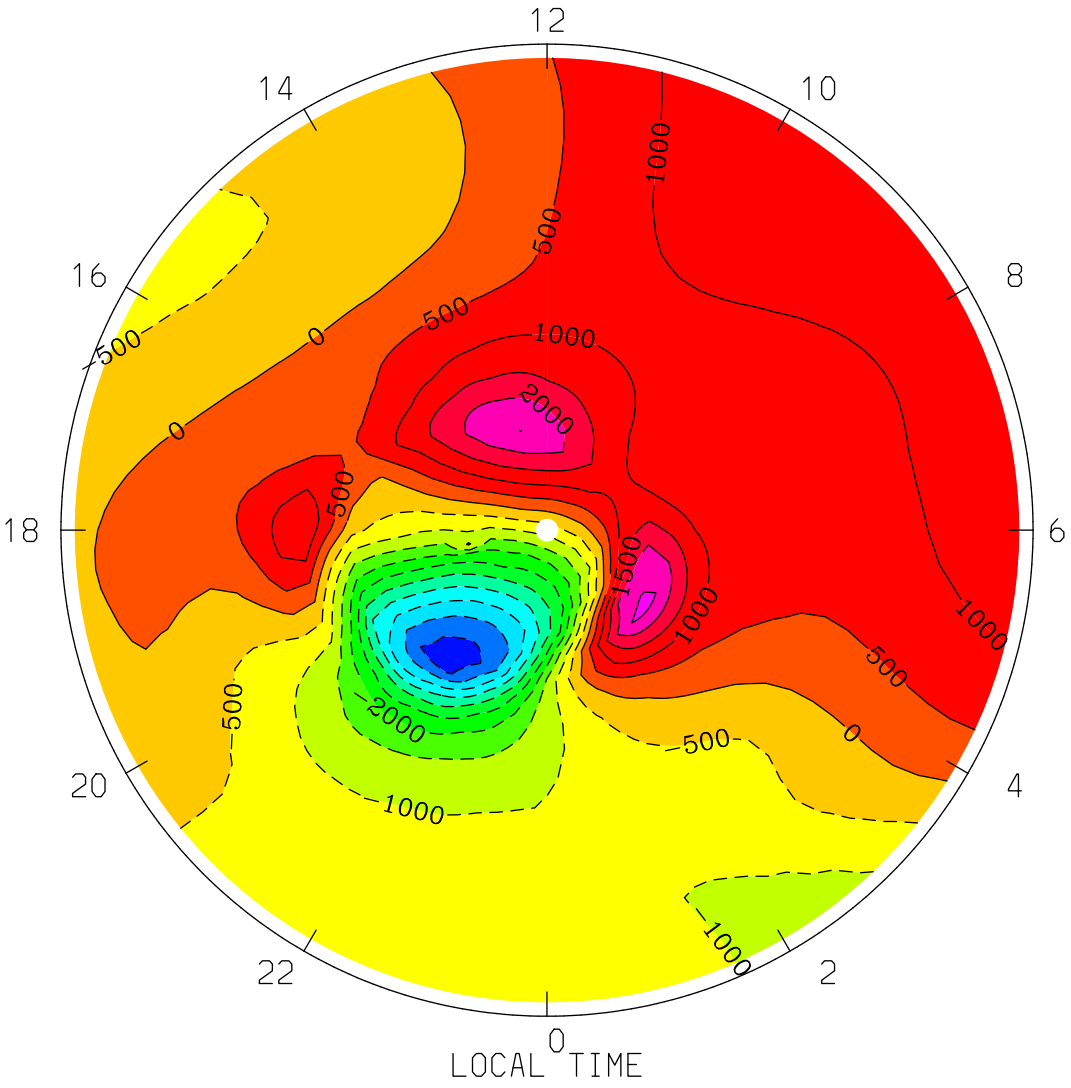
MIN,MAX= -5.2927E+03 2.6341E+03 INTERVAL= 5.0000E+02

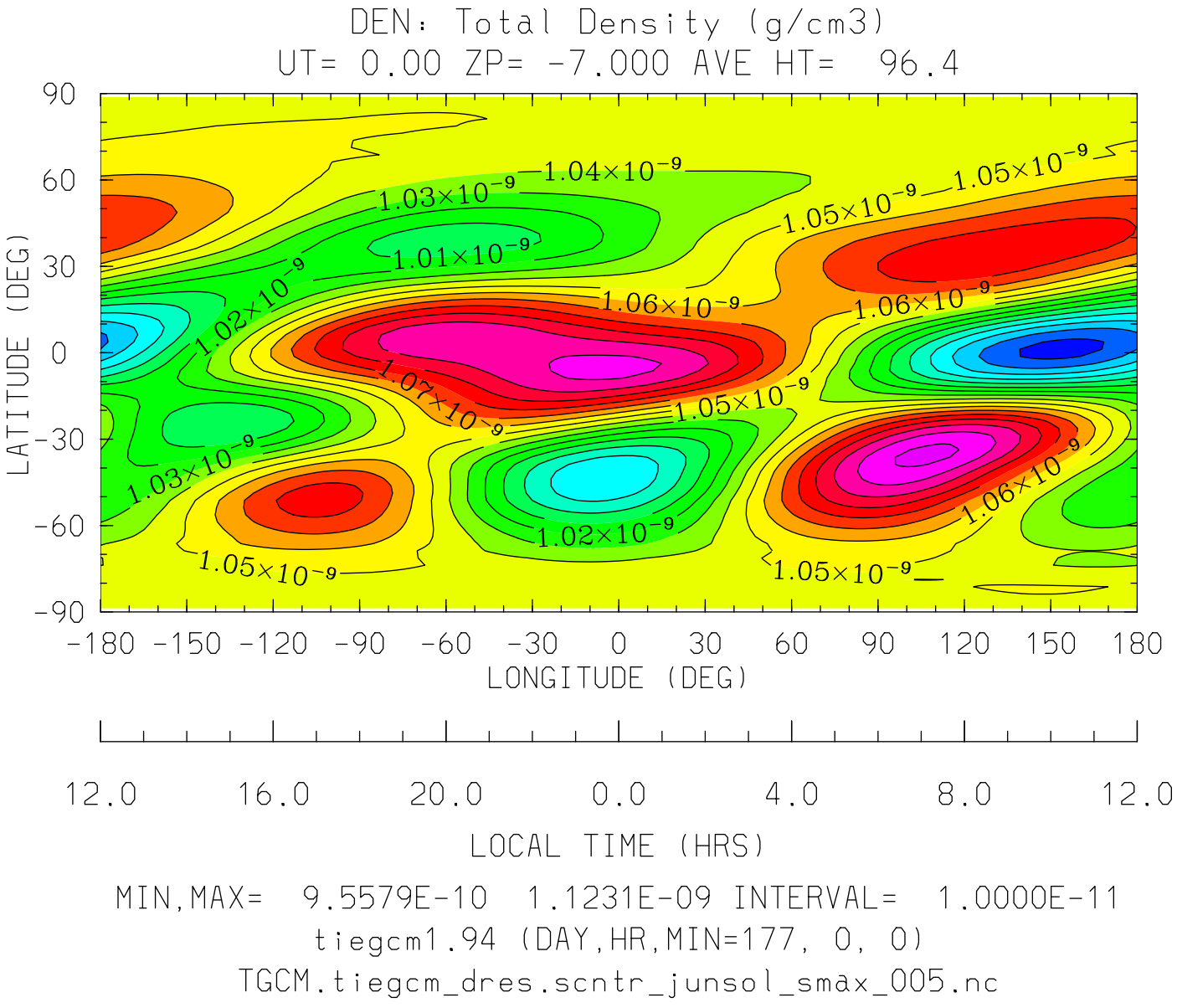
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 351.4
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= -1.2586E+04 6.3060E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
0
1000
3000
2000
4000
MIN,MAX= -1.2586E+04 6.3060E+03 INTERVAL= 1.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

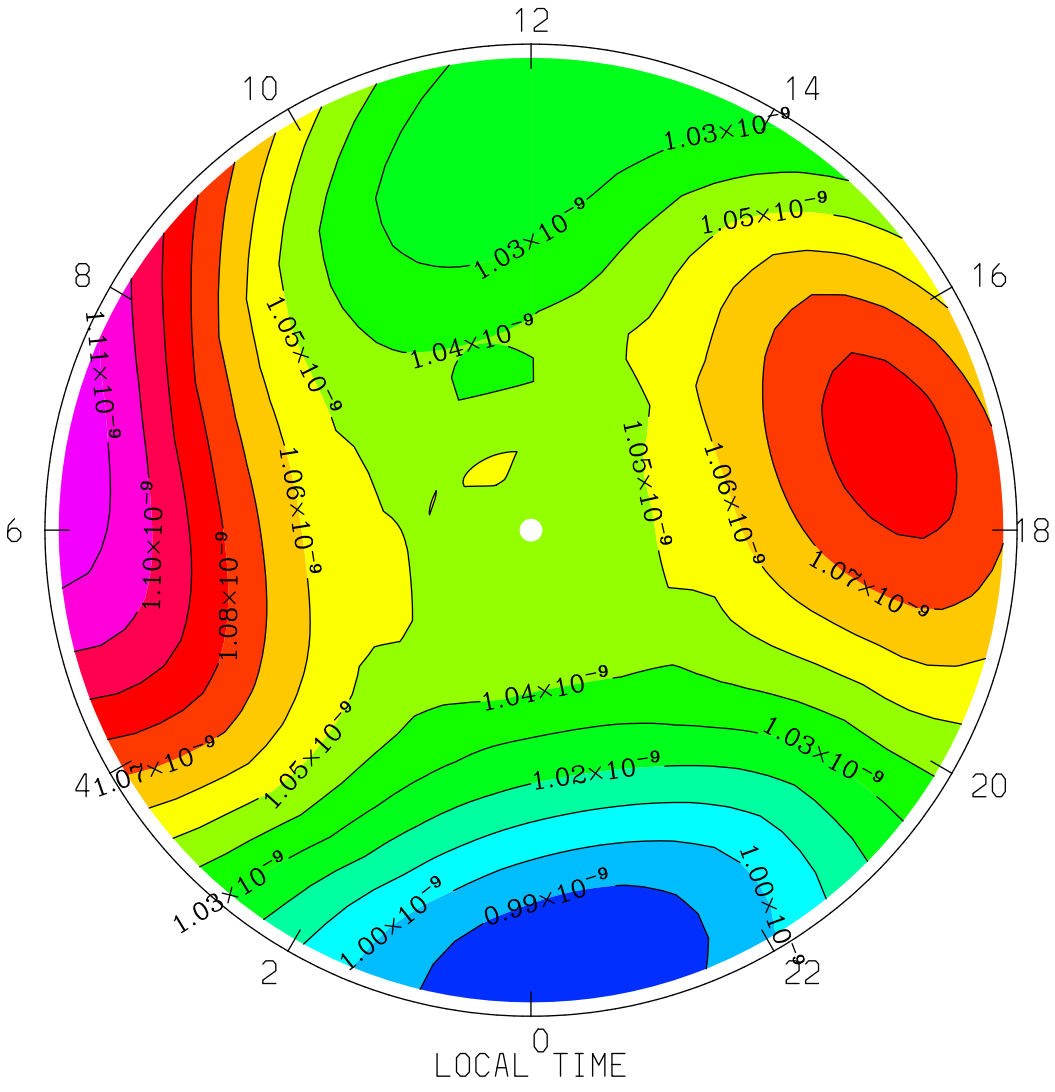

WI_ExB: Vertical Ion Drift (ExB) (cm/s)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
-500
0
500
1000
2000
1500
MIN,MAX= -5.2262E+03 2.5980E+03 INTERVAL= 5.0000E+02
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 9.5579E-10 1.1231E-09 INTERVAL= 1.0000E-11

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

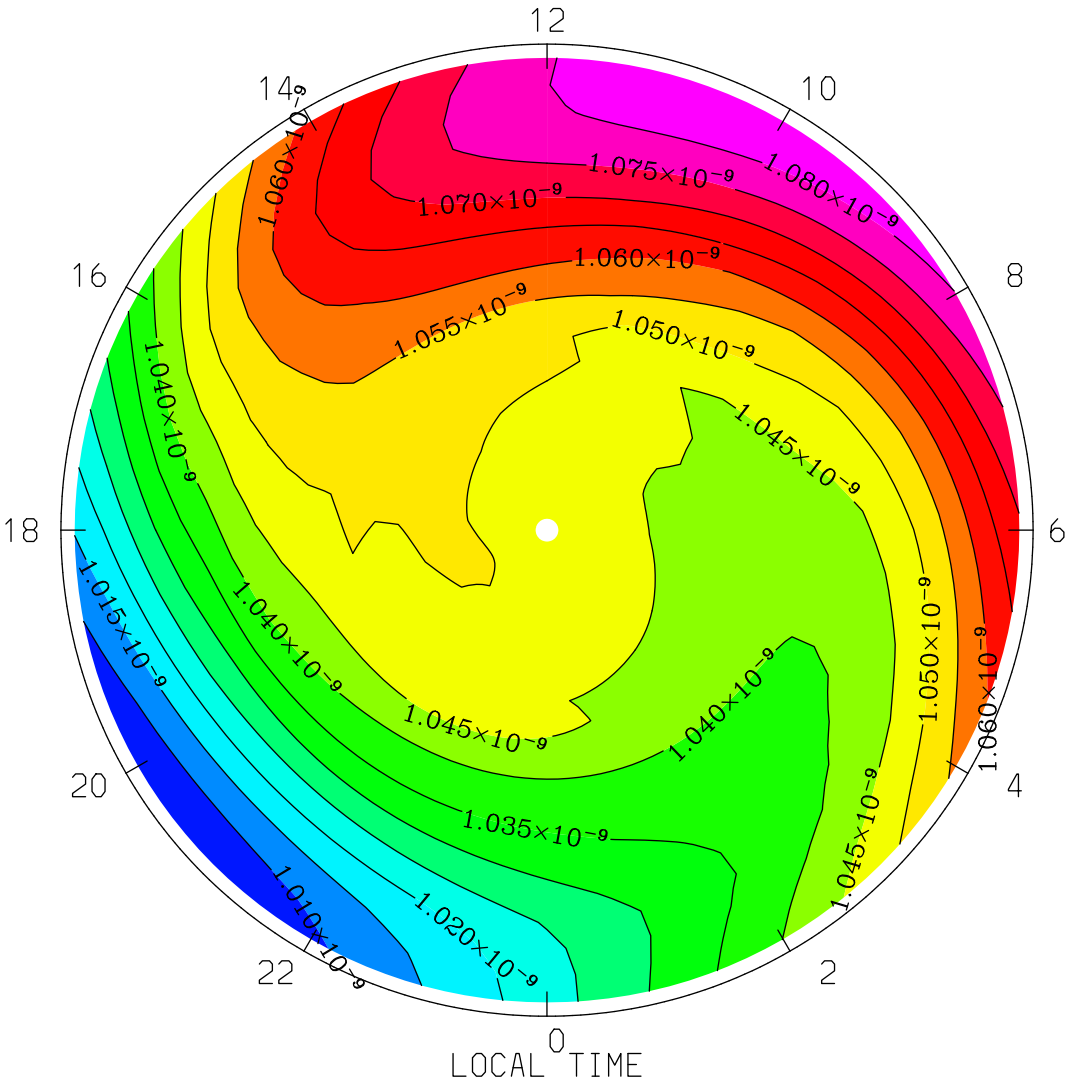
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 9.8113E-10 1.1180E-09 INTERVAL= 1.0000E-11

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

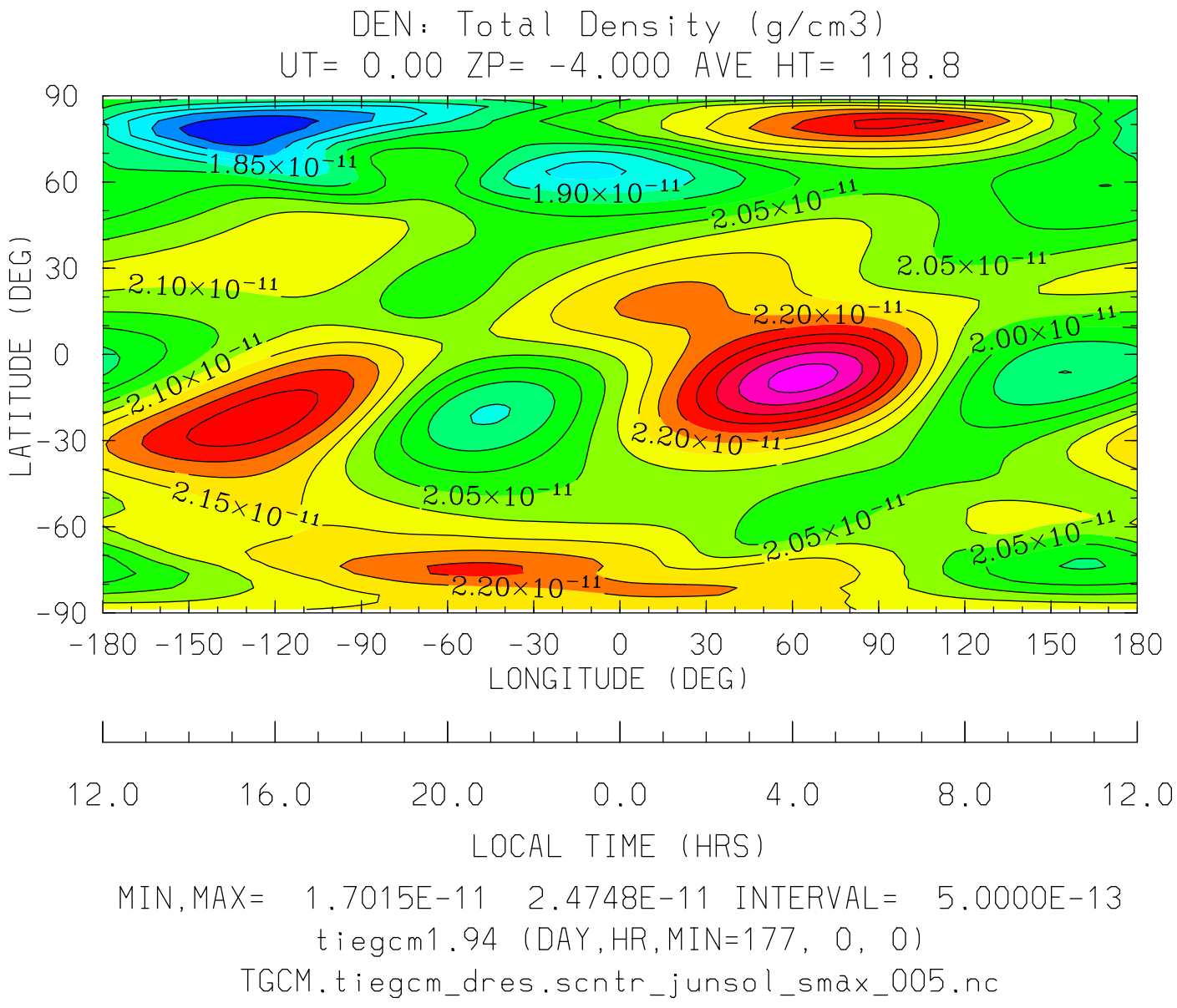
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.0051E-09 1.0850E-09 INTERVAL= 5.0000E-12

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

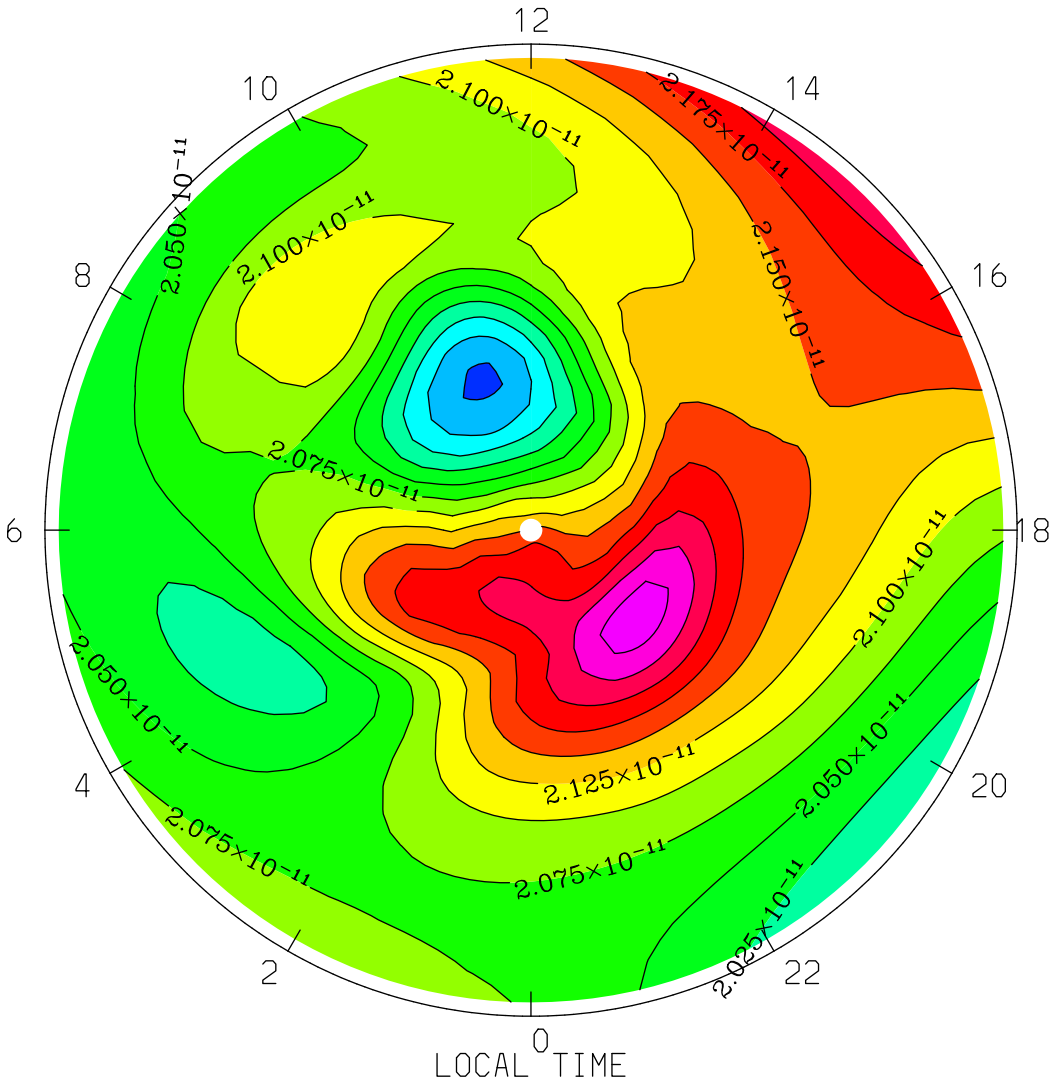
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.7015E-11 2.4748E-11 INTERVAL= 5.0000E-13

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

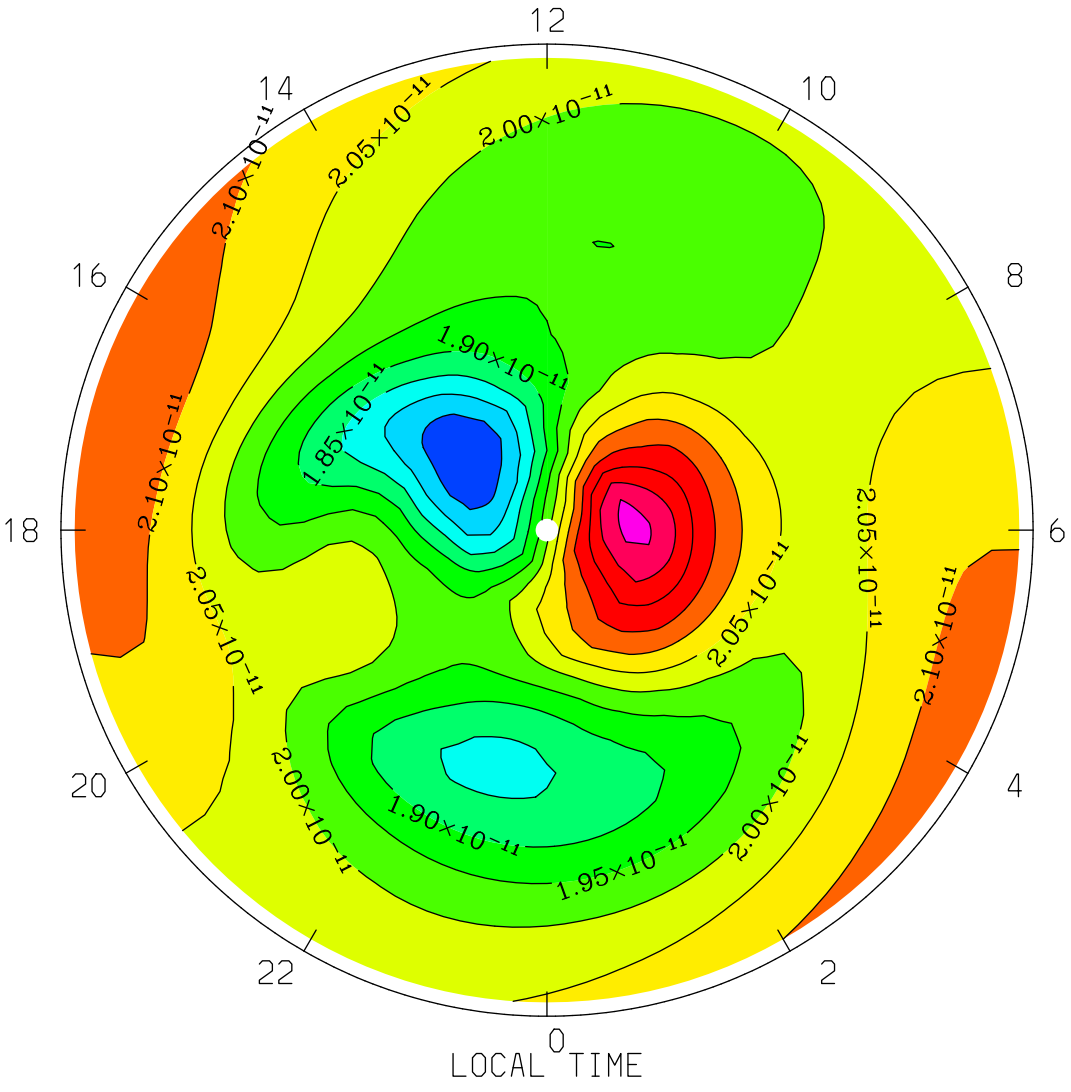
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.9449E-11 2.2623E-11 INTERVAL= 2.5000E-13

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

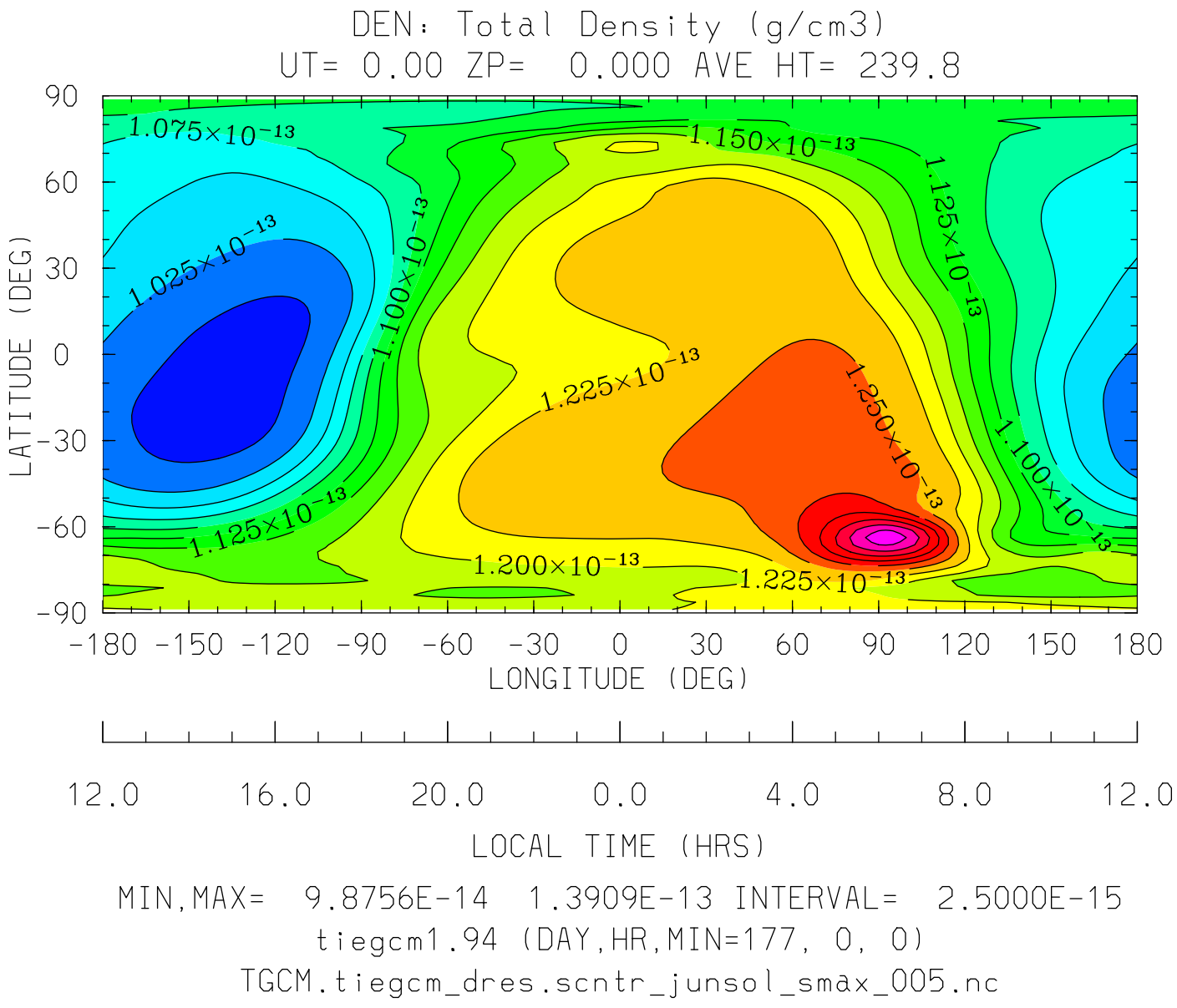
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.7015E-11 2.3183E-11 INTERVAL= 5.0000E-13

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

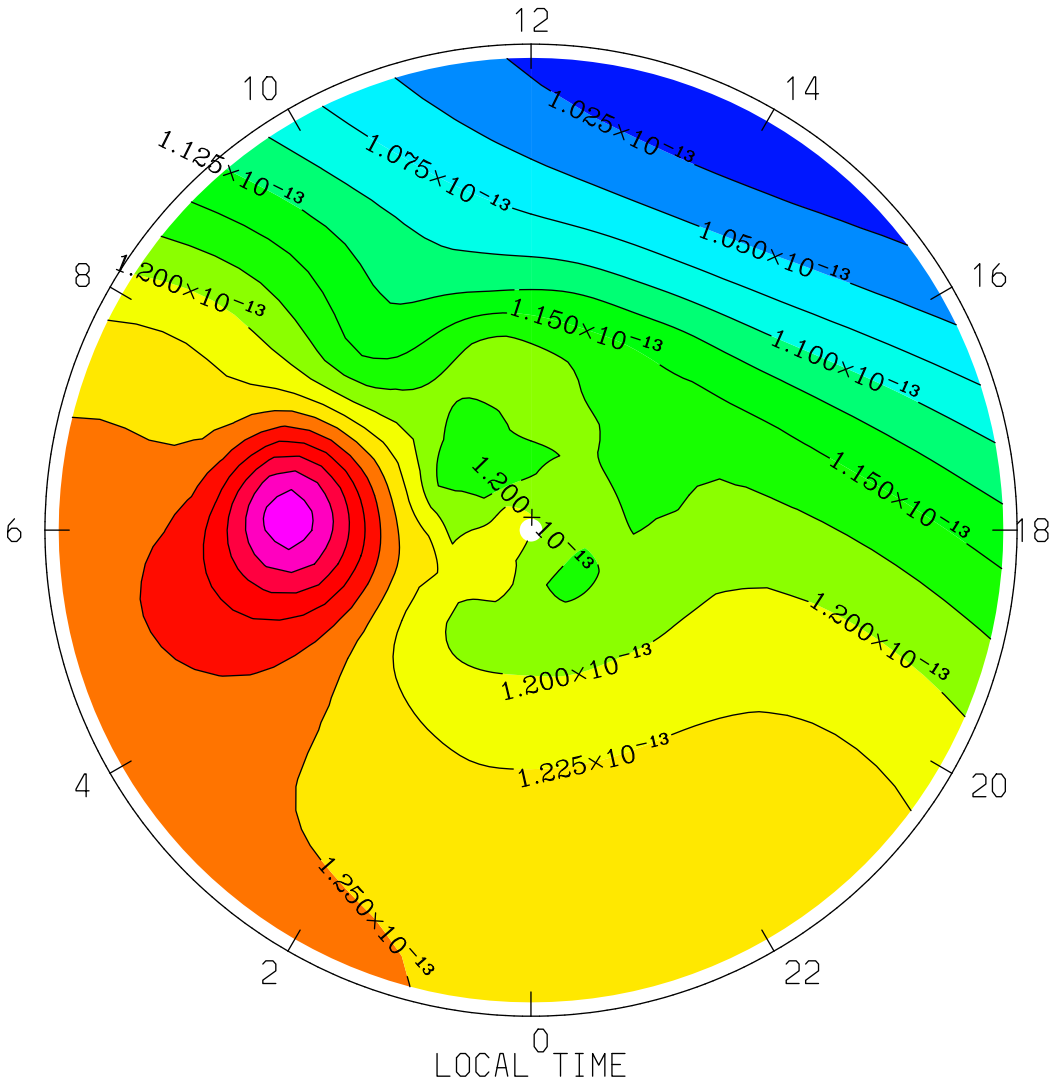
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 9.8756E-14 1.3909E-13 INTERVAL= 2.5000E-15

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

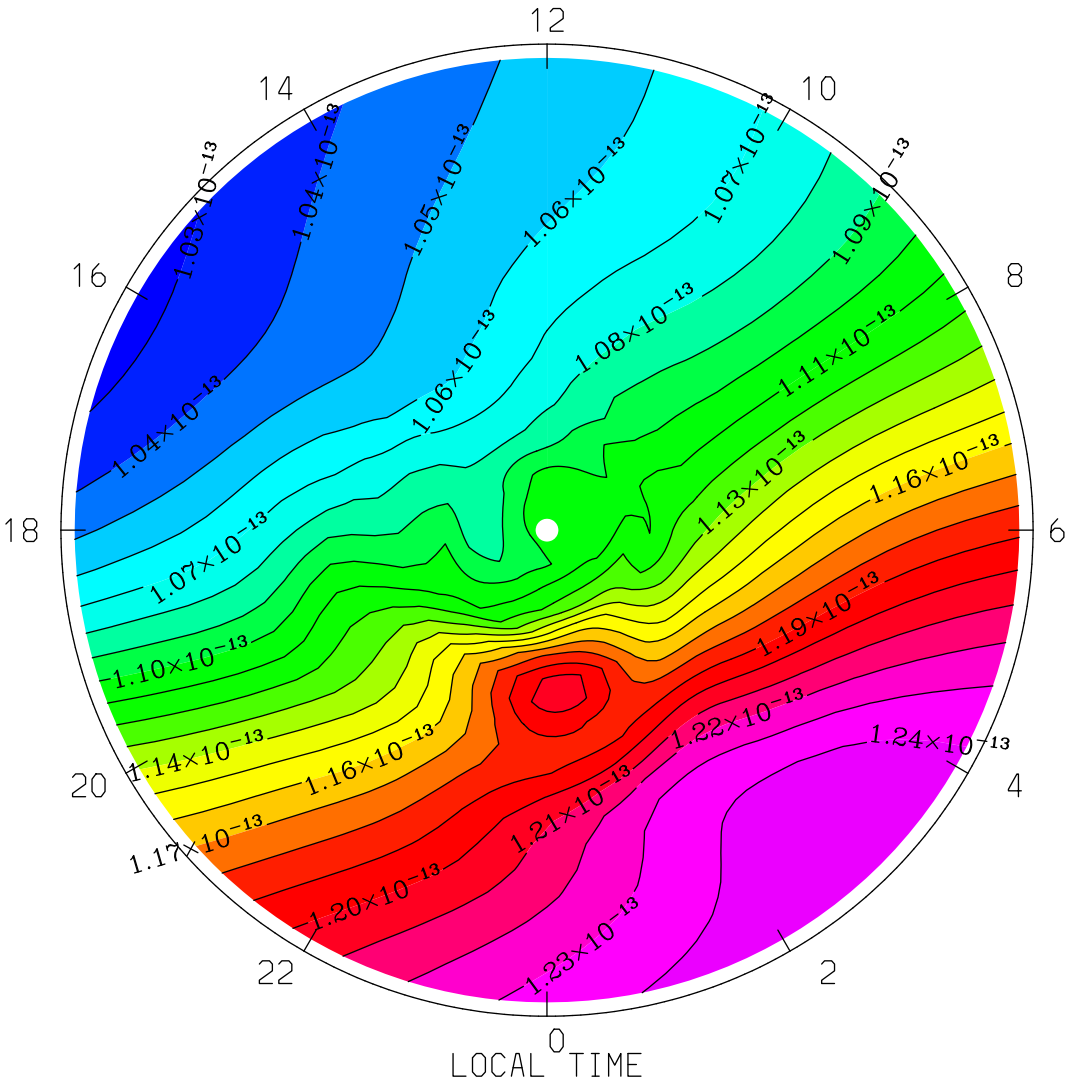
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.0062E-13 1.3909E-13 INTERVAL= 2.5000E-15

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

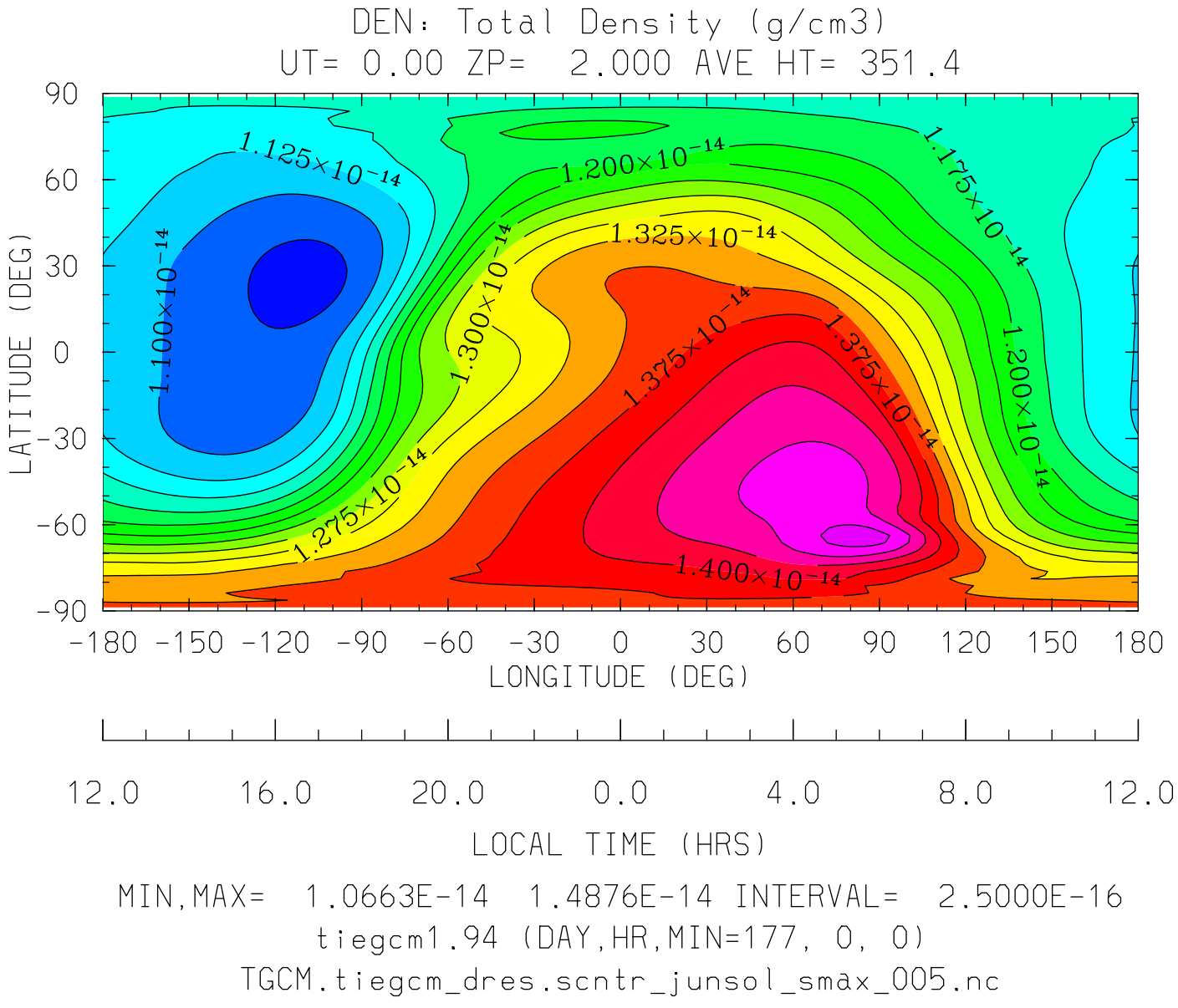
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.0264E-13 1.2467E-13 INTERVAL= 1.0000E-15

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

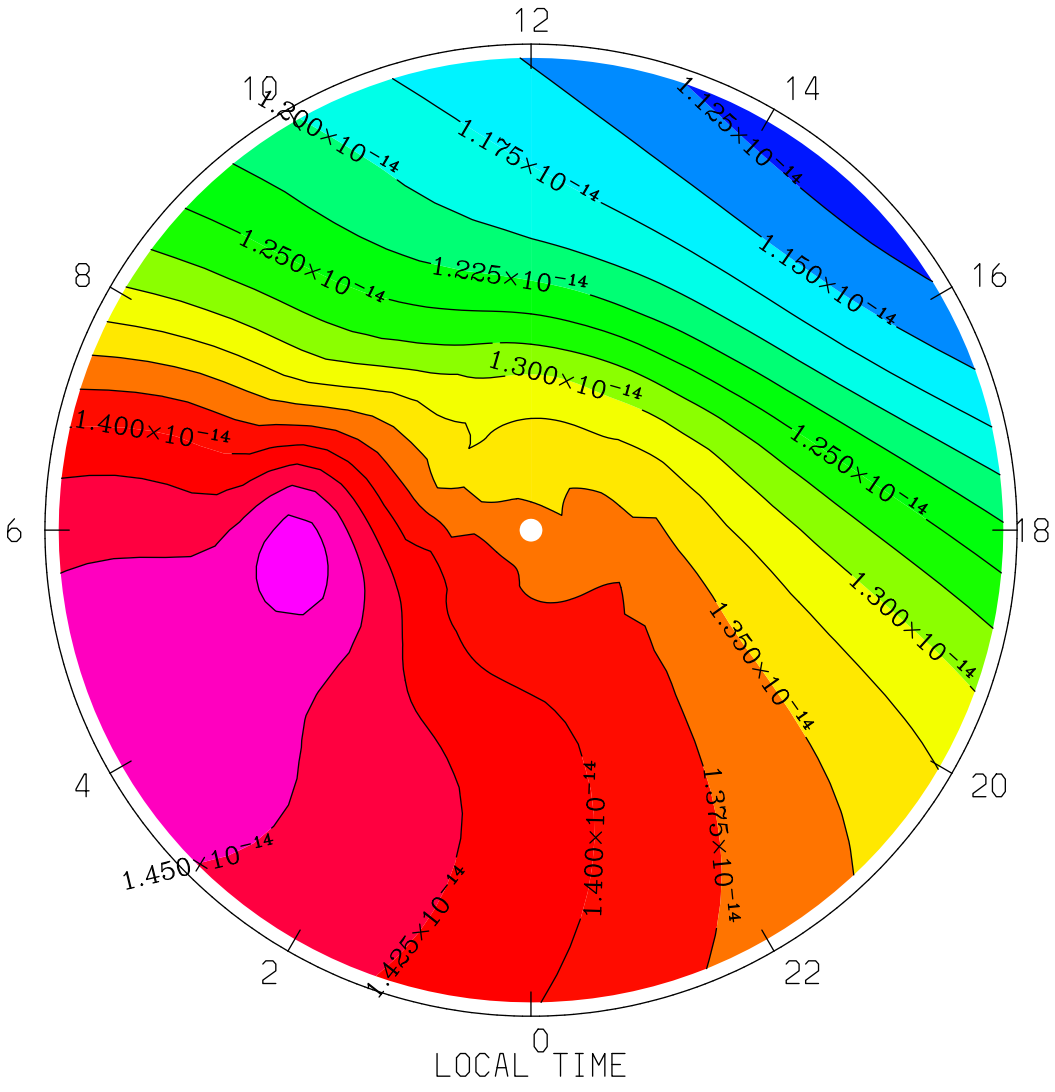
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.0663E-14 1.4876E-14 INTERVAL= 2.5000E-16

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

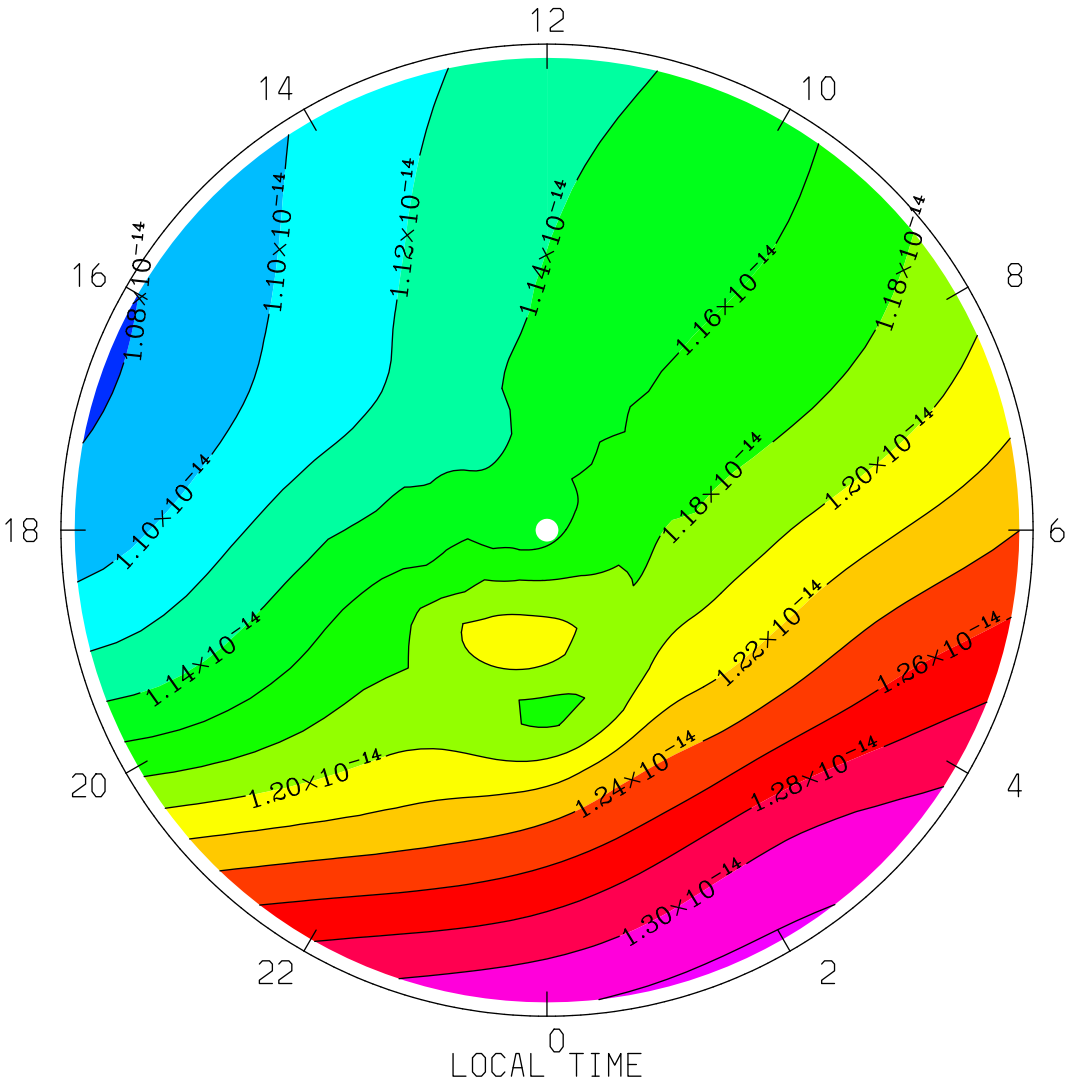
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 1.1136E-14 1.4876E-14 INTERVAL= 2.5000E-16

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

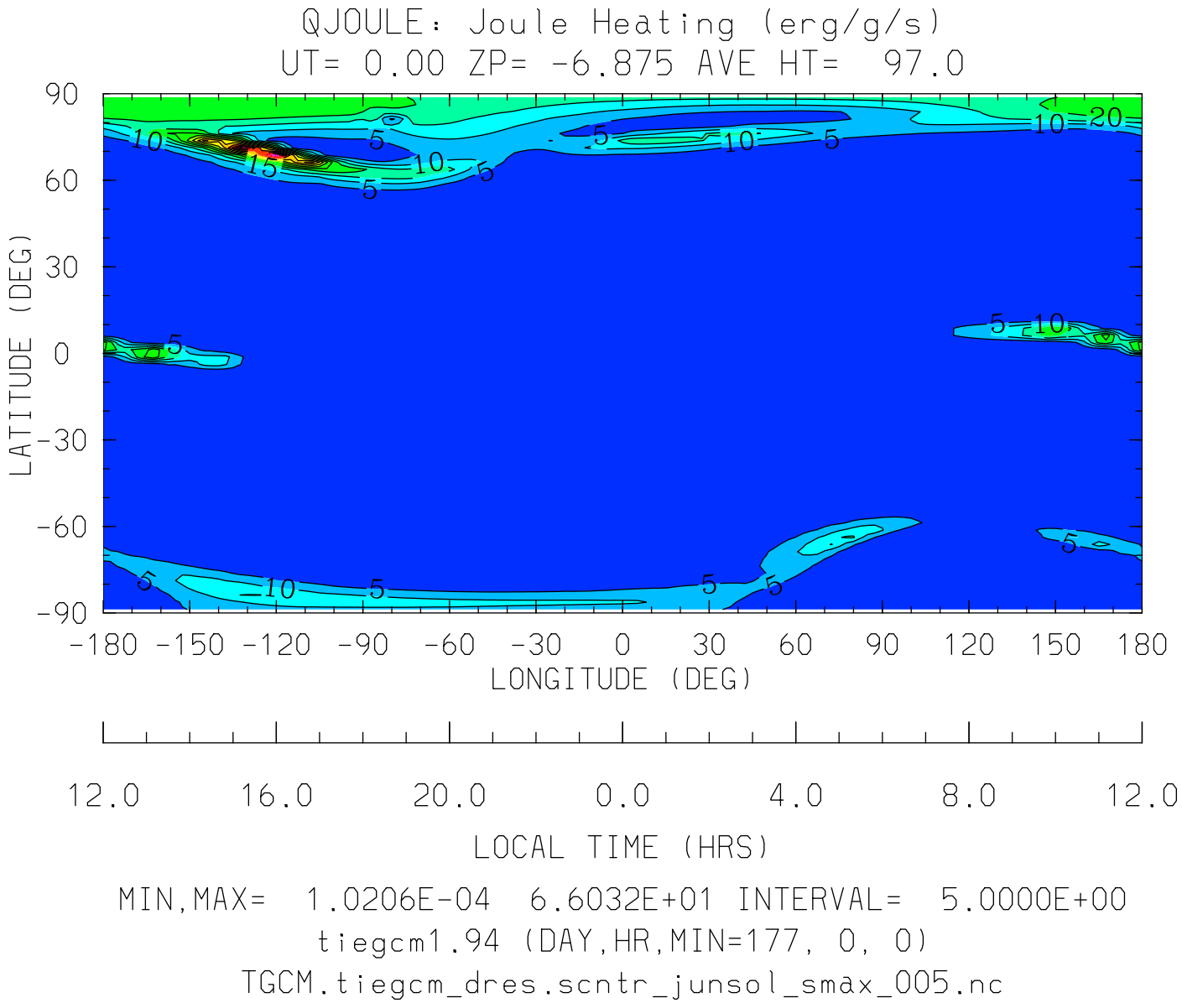
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

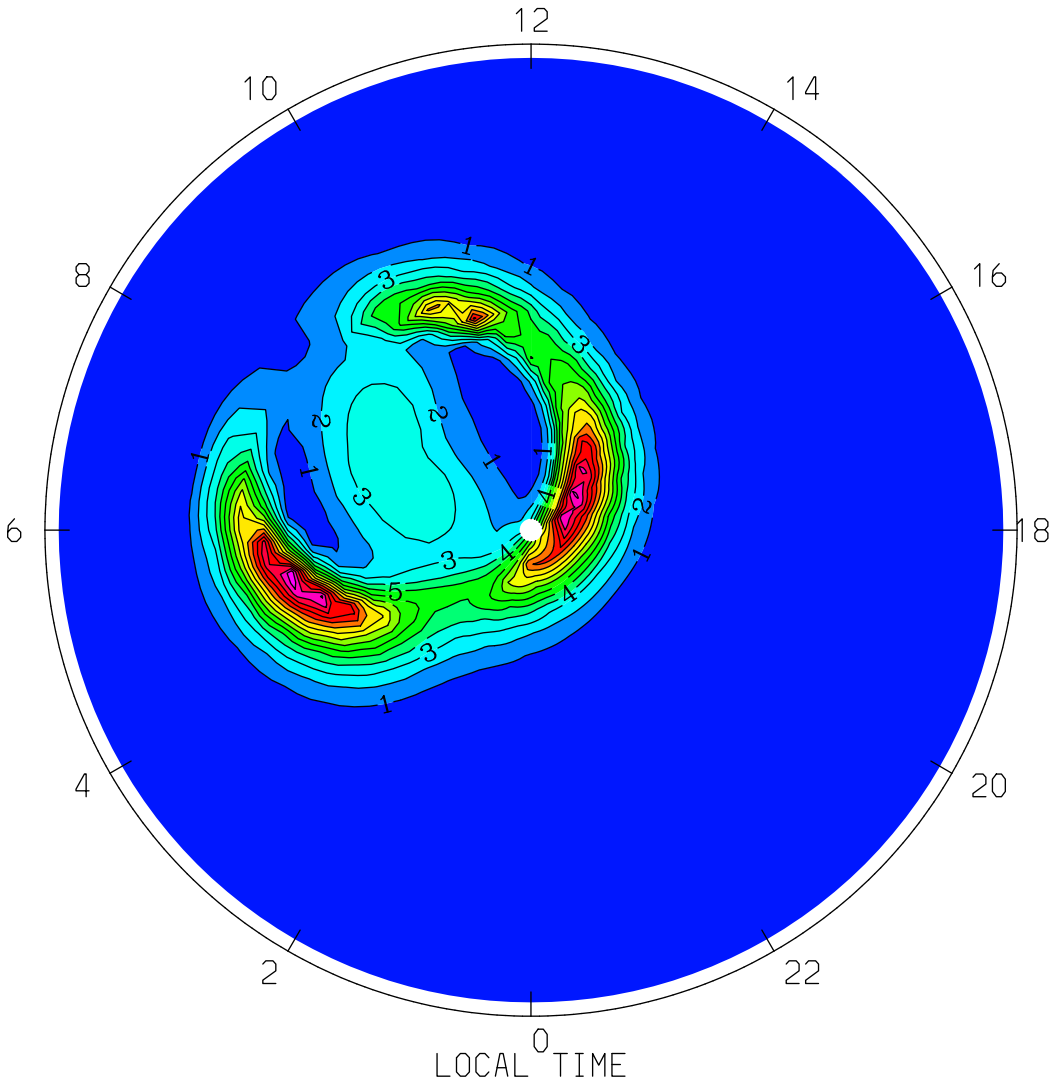


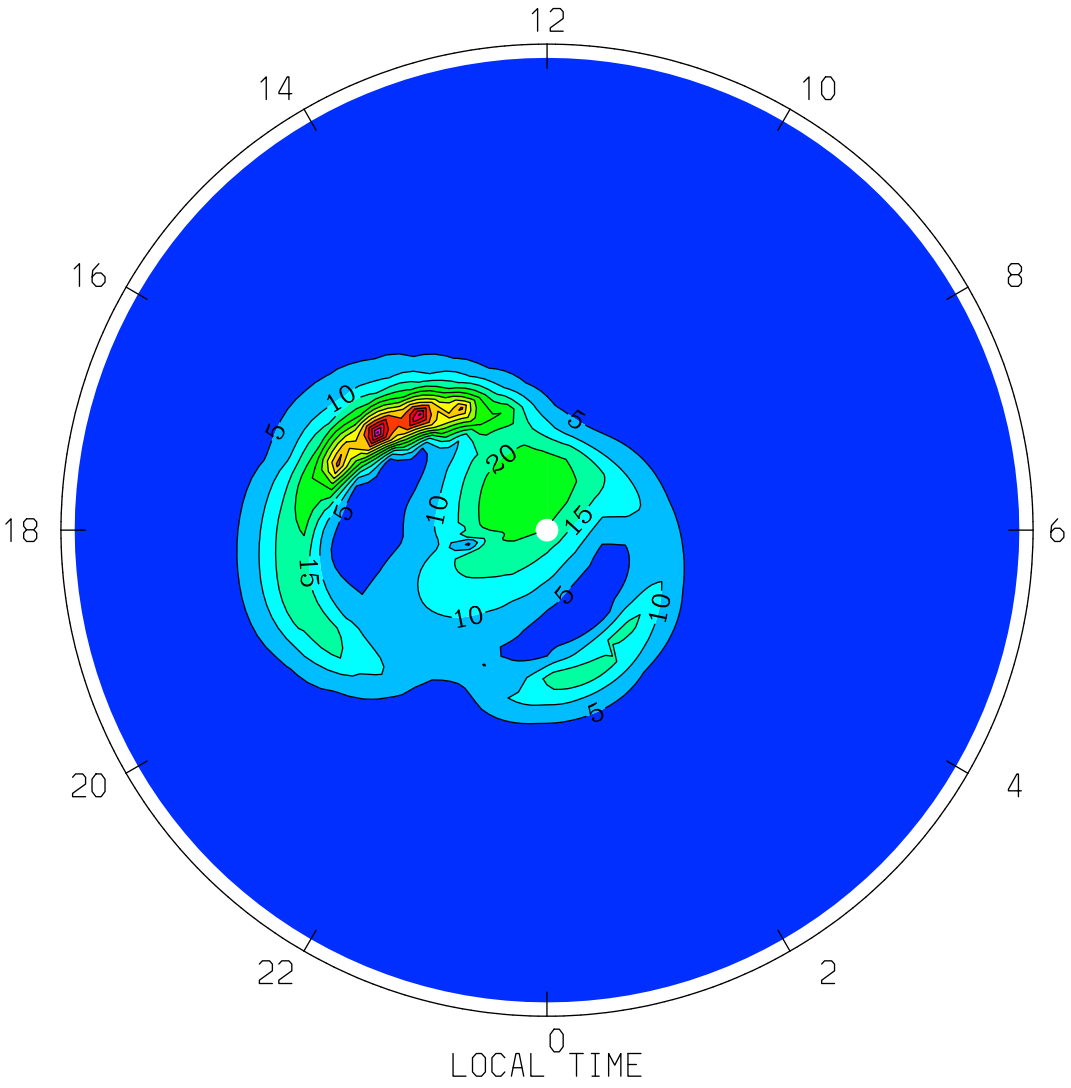
MIN,MAX= 1.0777E-14 1.3230E-14 INTERVAL= 2.0000E-16

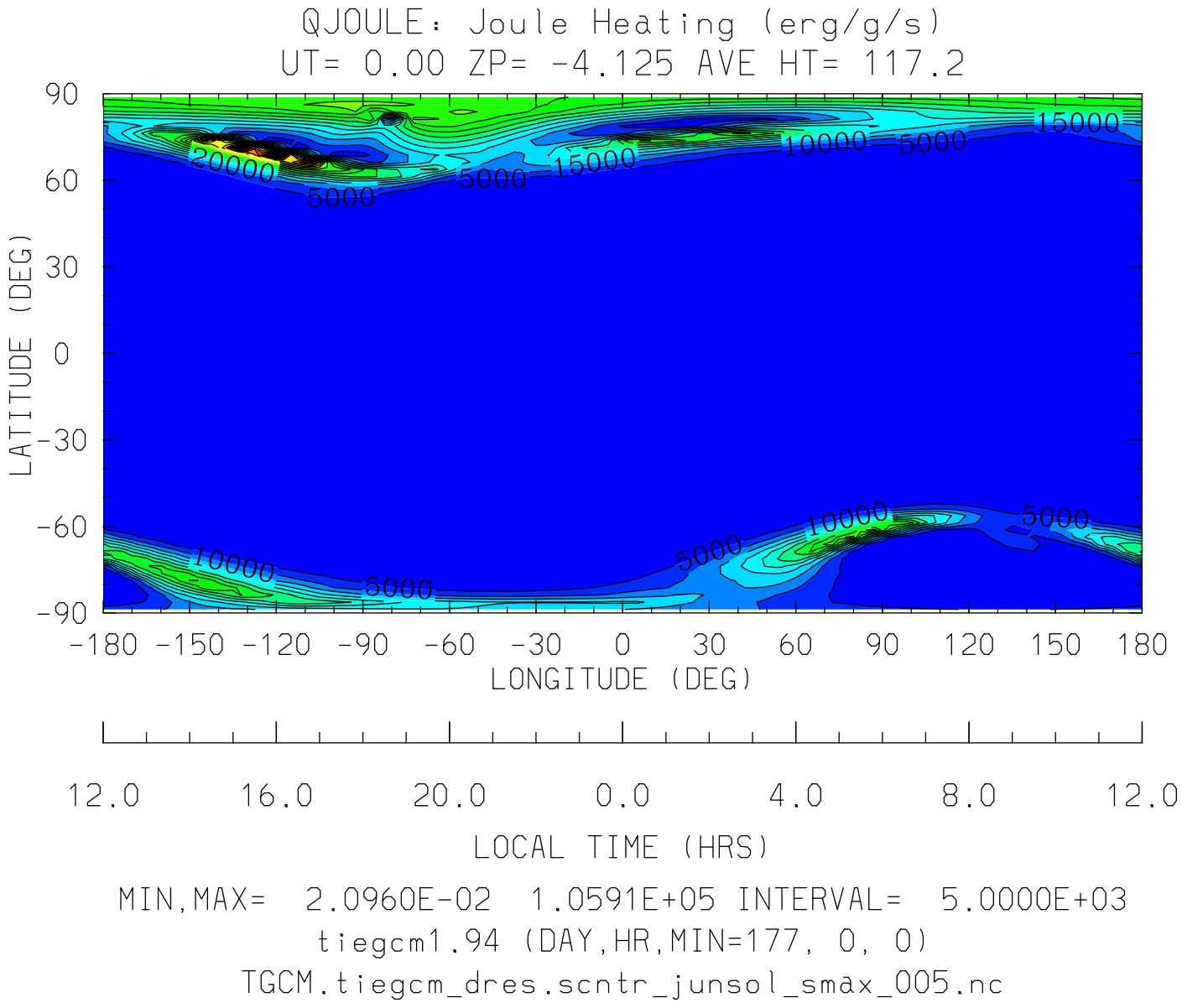
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -6.875 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.0206E-04 6.6032E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 1.0206E-04 1.5691E+01 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

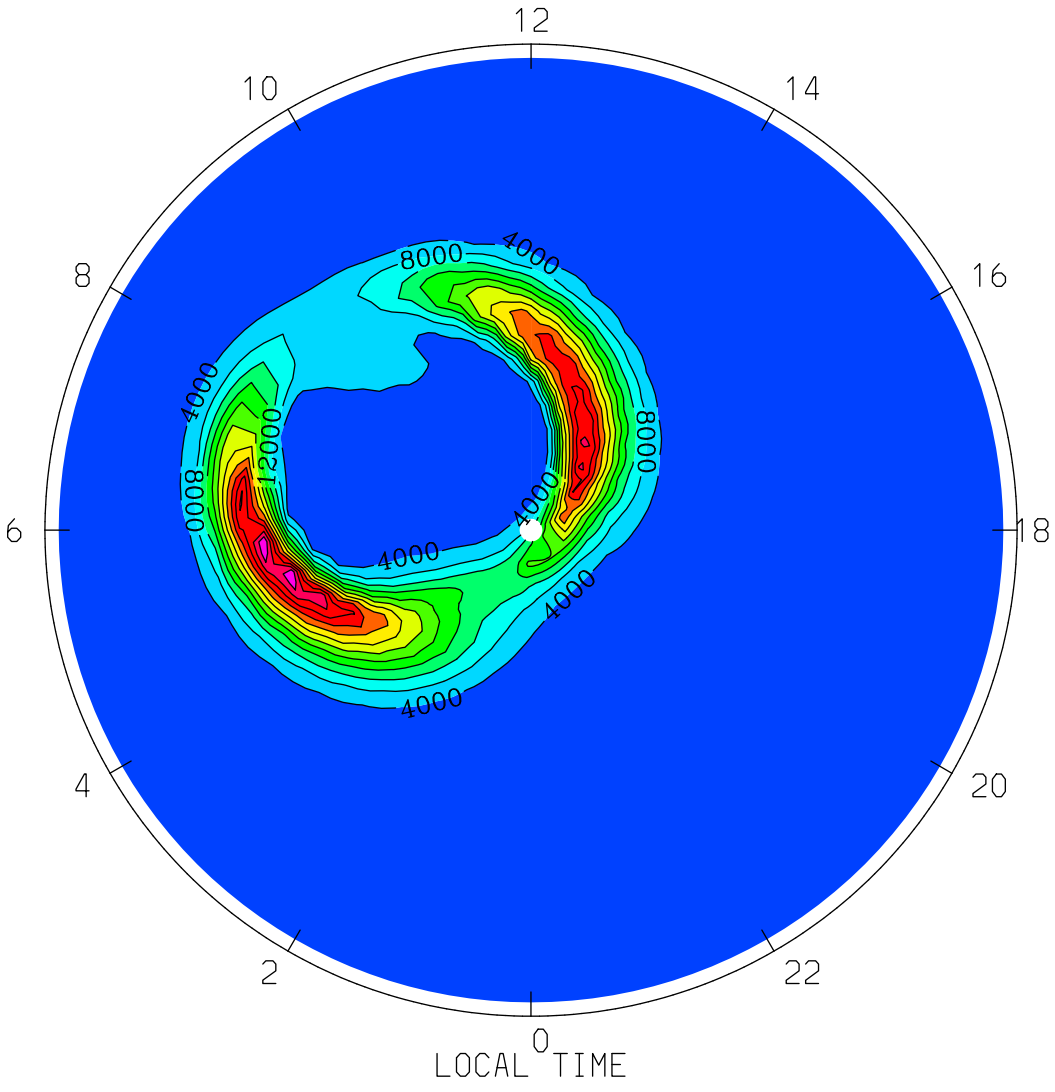

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -6.875 AVE HT= 97.0 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 5.9570E-04 6.6032E+01 INTERVAL= 5.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

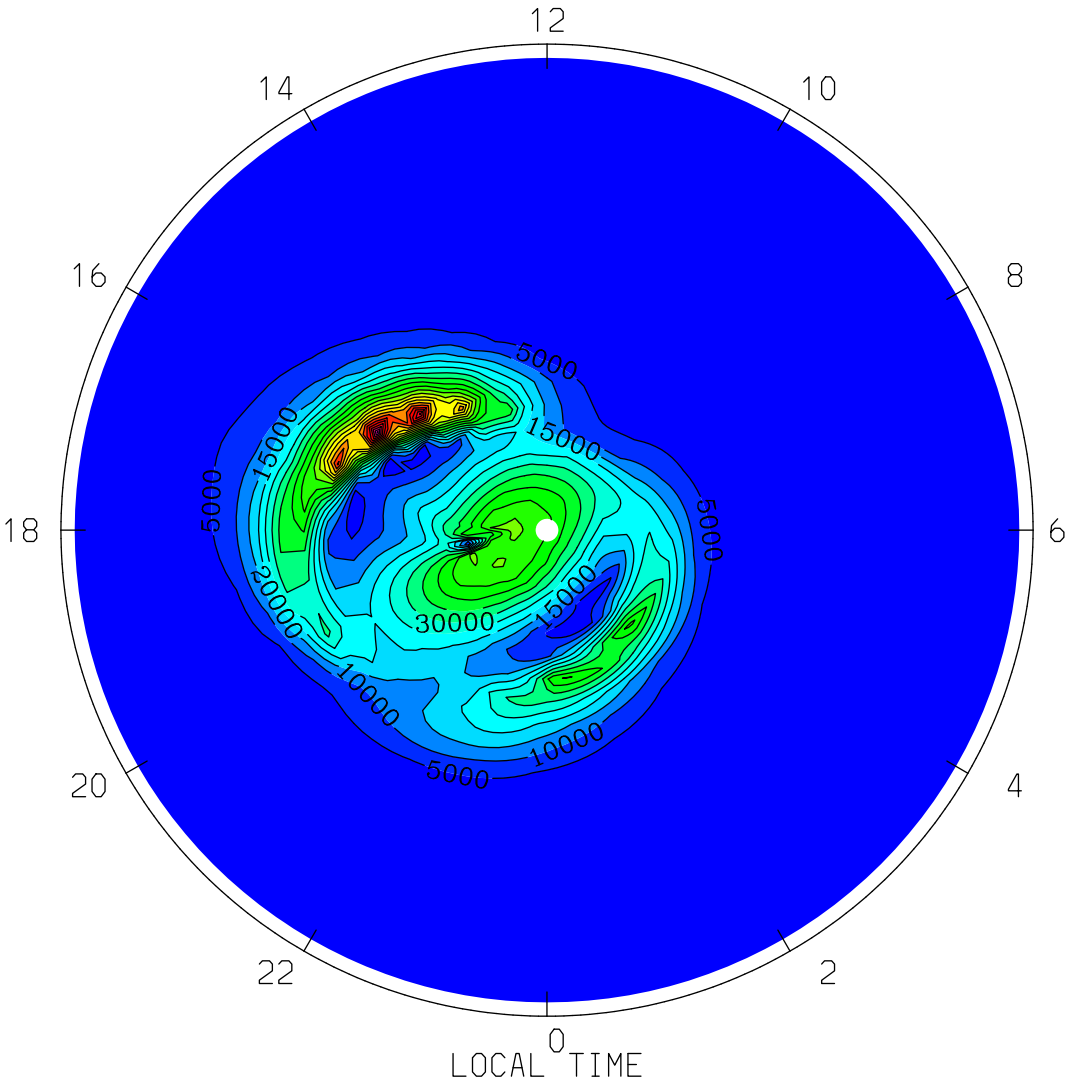


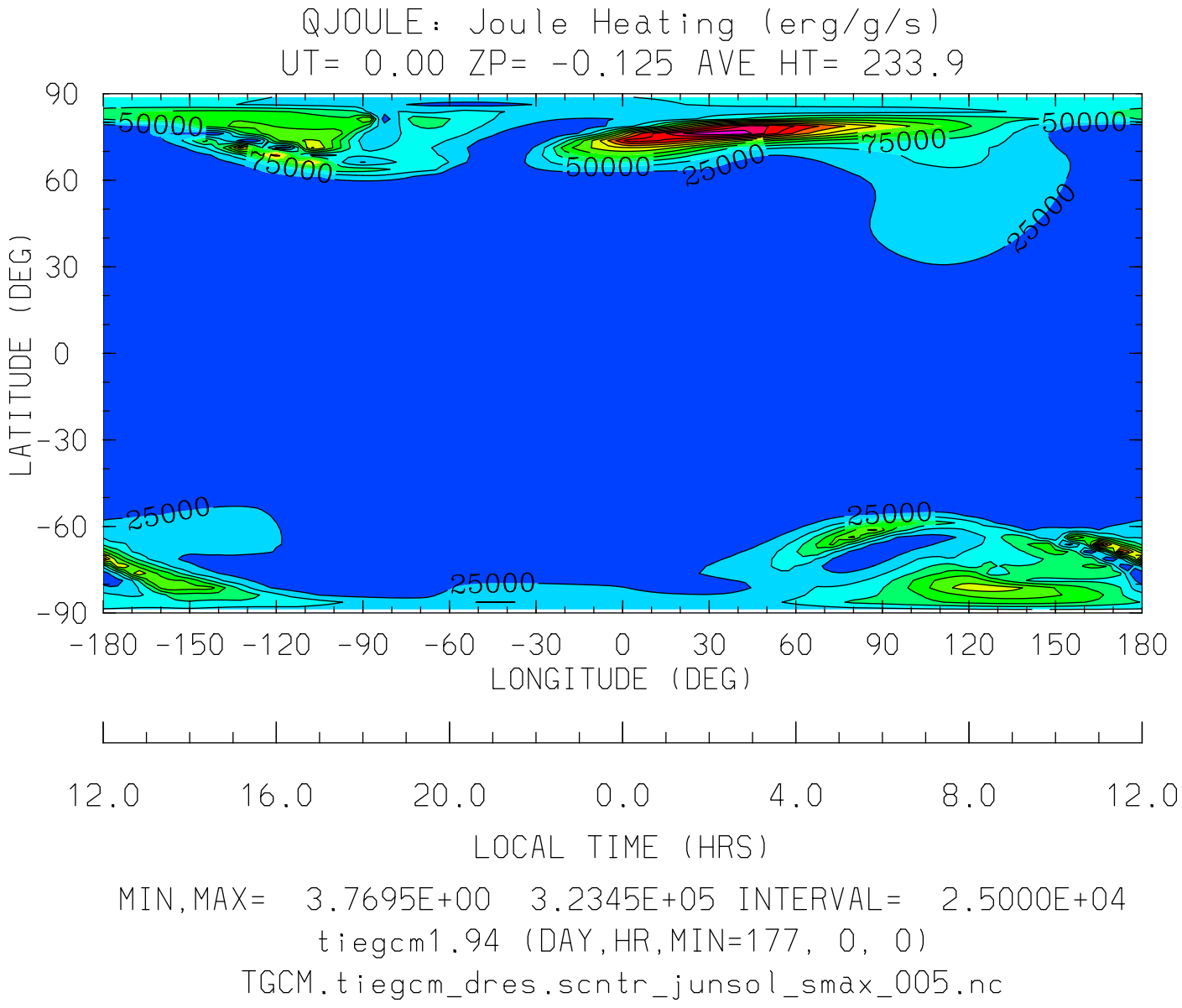
MIN,MAX= 2.0960E-02 1.0591E+05 INTERVAL= 5.0000E+03

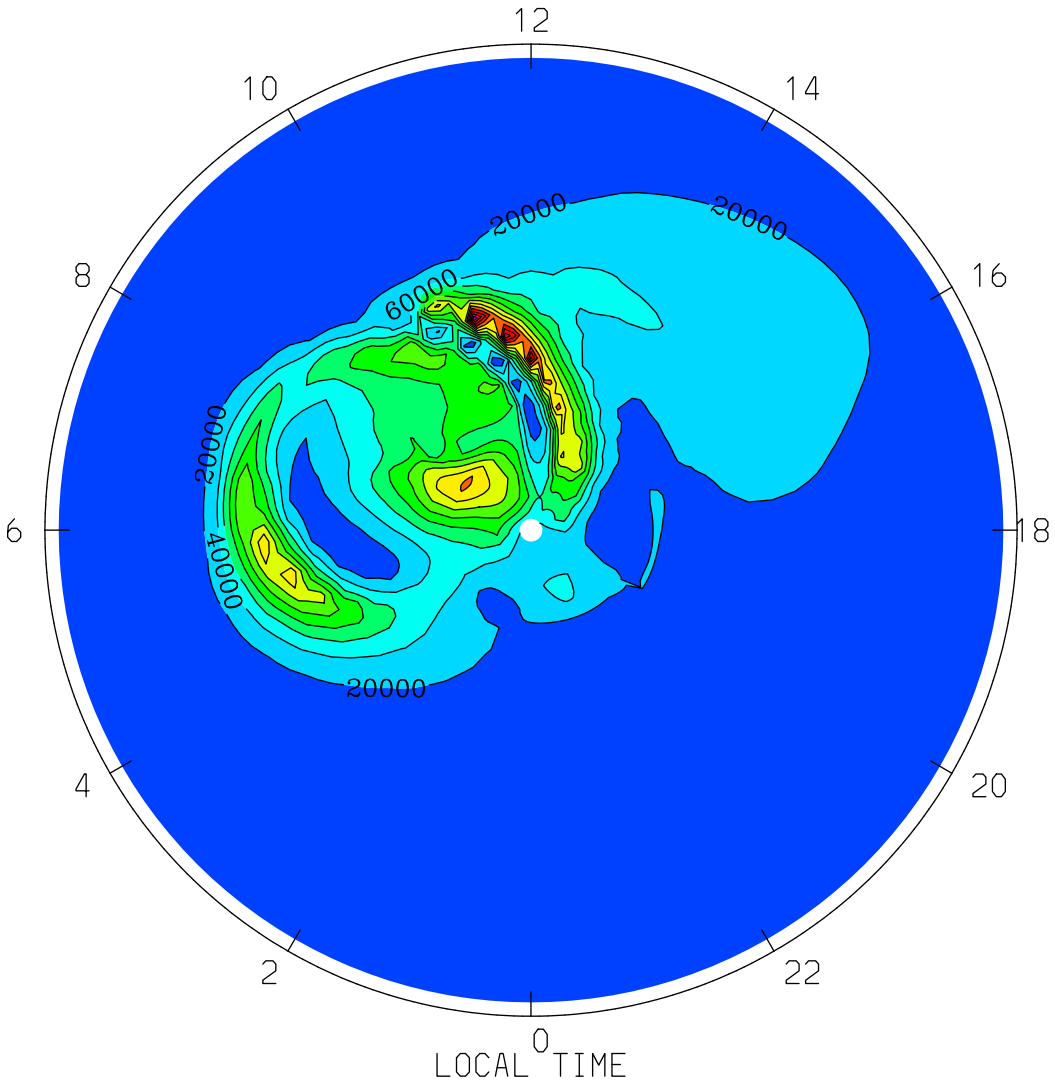
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

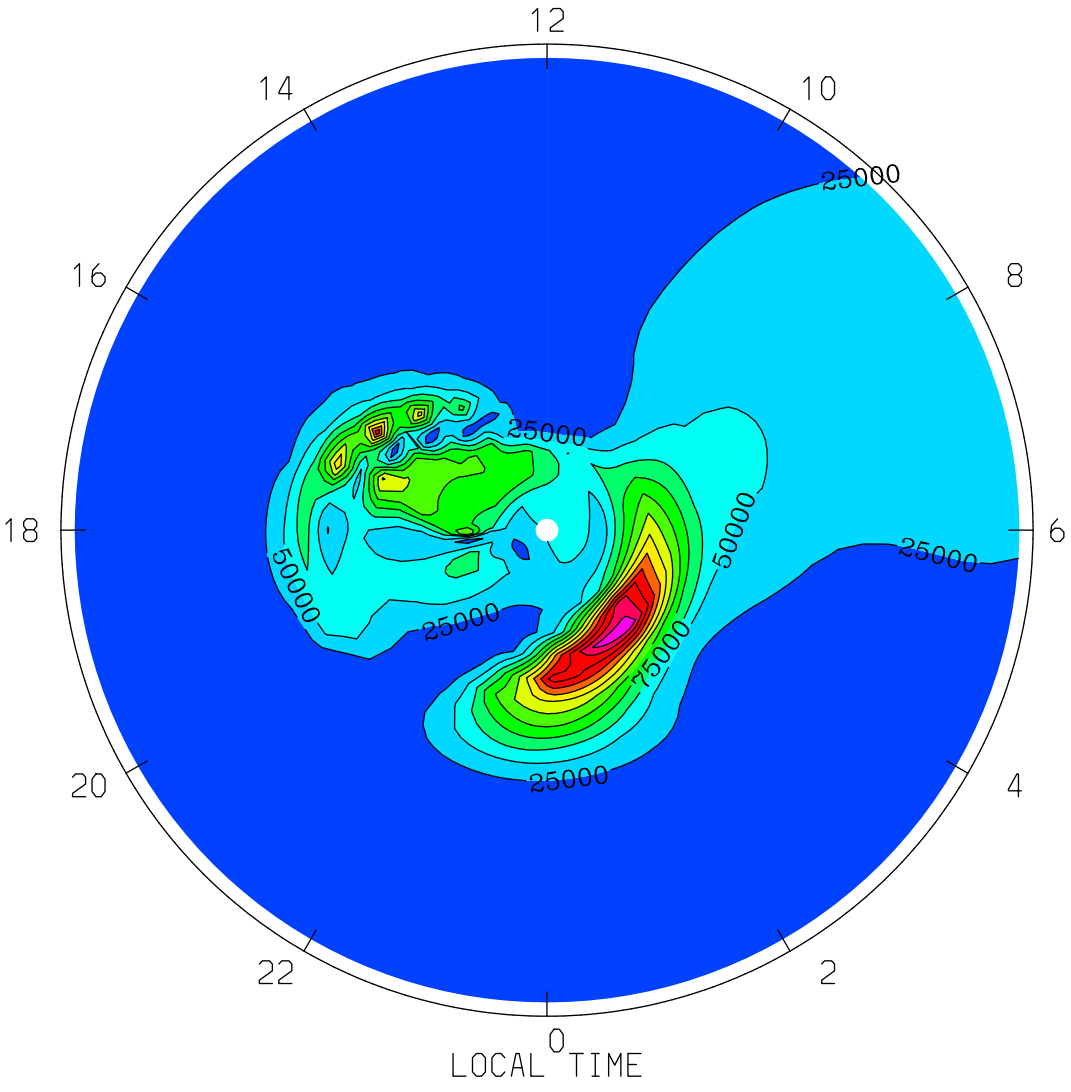
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -4.125 AVE HT= 117.2 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
4000
8000
12000
MIN,MAX= 1.2436E-01 5.1830E+04 INTERVAL= 4.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -4.125 AVE HT= 117.2 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
5000
15000
5000
15000
5000
20000
30000
15000
10000
10000
5000
LOCAL TIME
MIN,MAX= 2.2447E-01 1.0591E+05 INTERVAL= 5.0000E+03
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -0.125 AVE HT= 233.9
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
50000
75000
50000
25000
75000
50000
25000
25000
25000
25000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.7695E+00 3.2345E+05 INTERVAL= 2.5000E+04
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

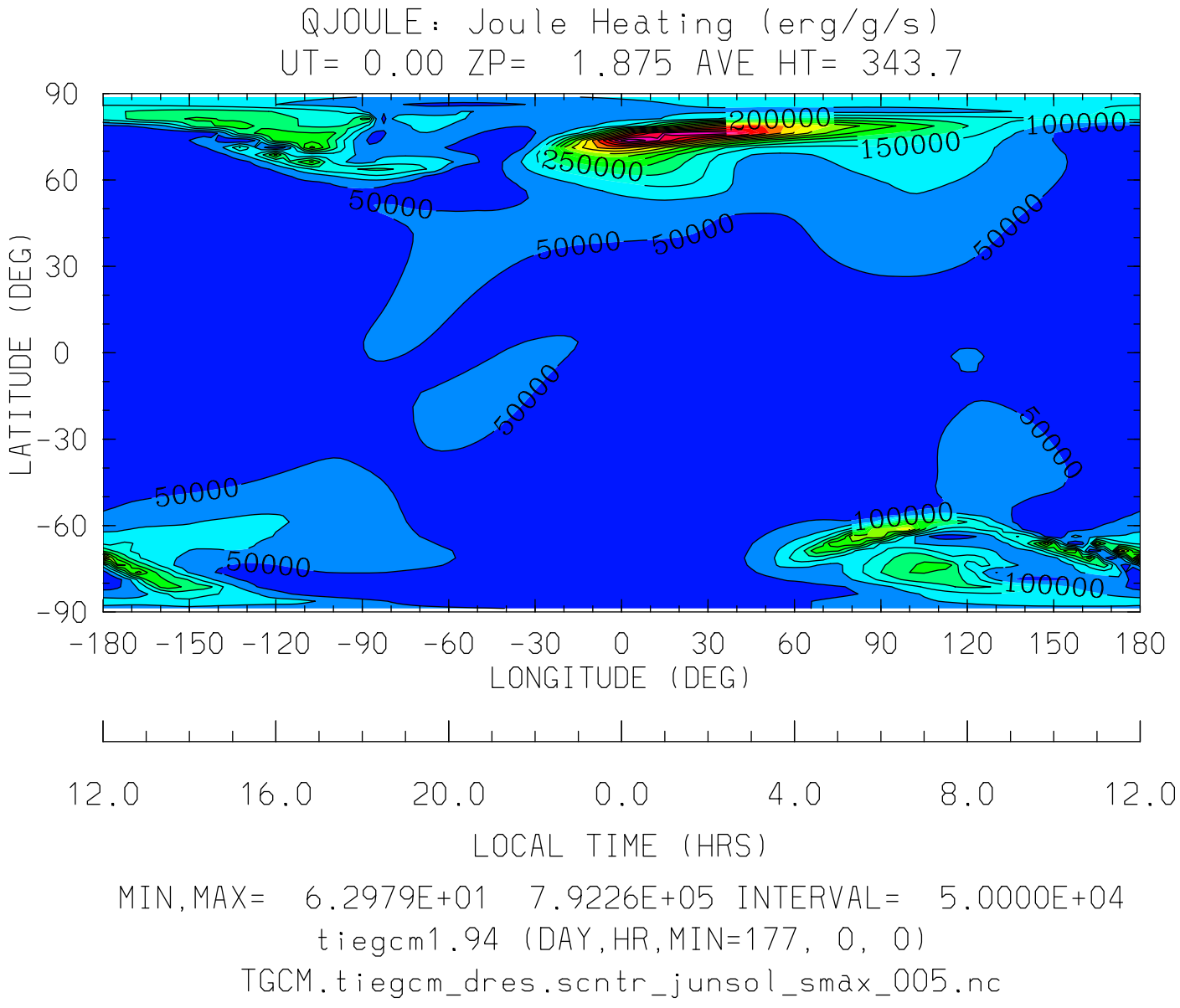

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= -0.125 AVE HT= 233.9 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
20000
20000
60000
20000
40000
20000
LOCAL TIME
MIN,MAX= 2.2271E+02 2.5418E+05 INTERVAL= 2.0000E+04
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

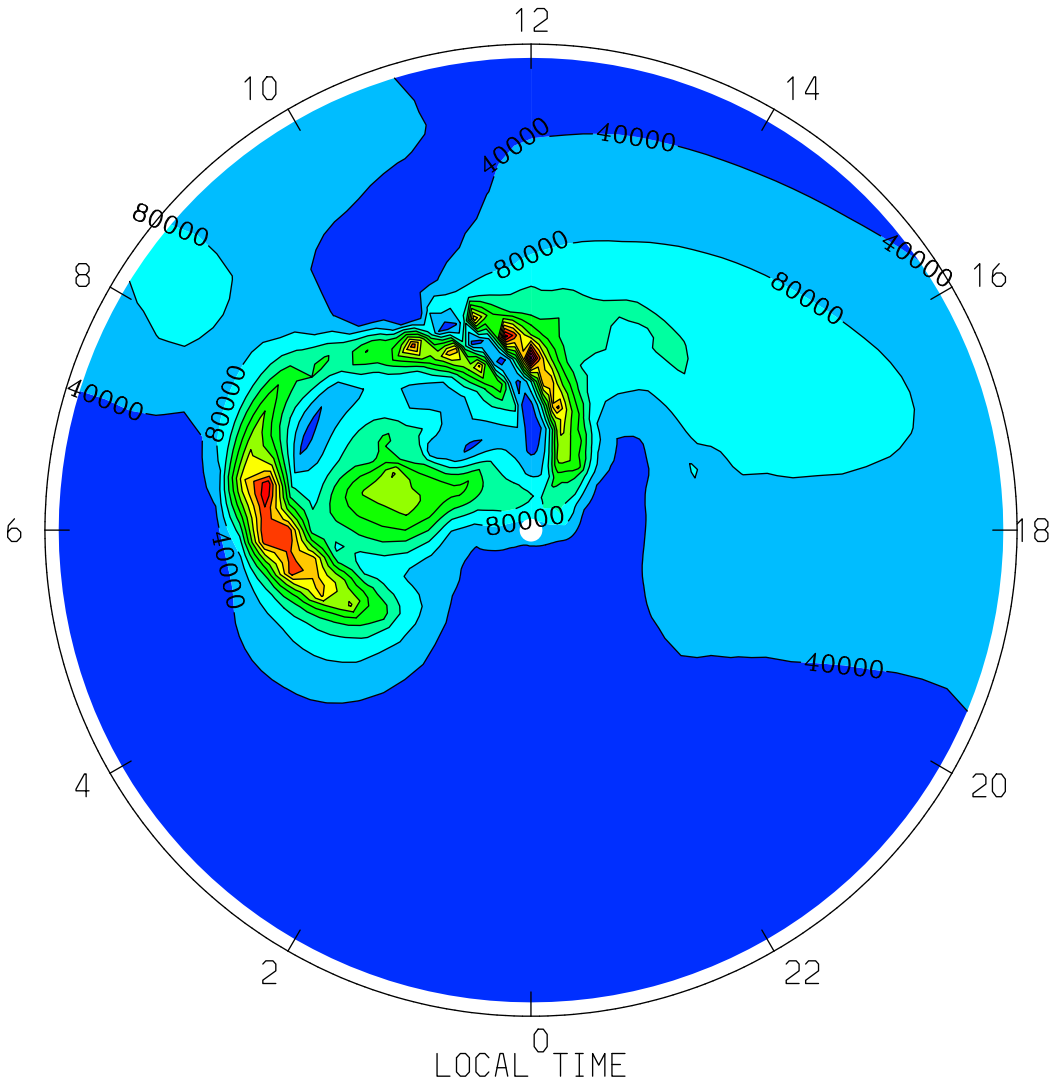


MIN,MAX= 1.3156E+02 3.2345E+05 INTERVAL= 2.5000E+04

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

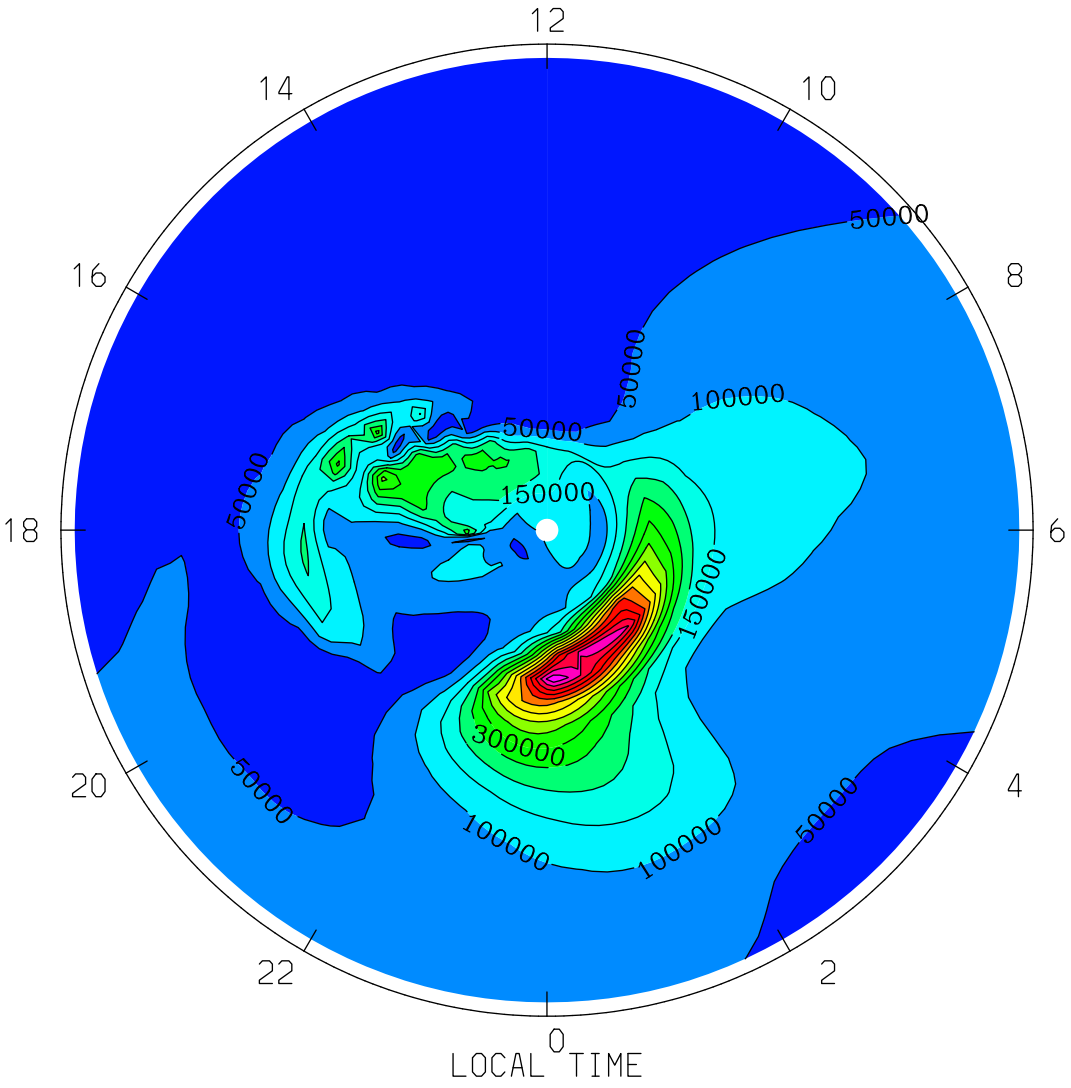

QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= 1.875 AVE HT= 343.7
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
200000
150000
100000
250000
50000
50000
50000
50000
50000
50000
50000
50000
100000
100000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 6.2979E+01 7.9226E+05 INTERVAL= 5.0000E+04
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

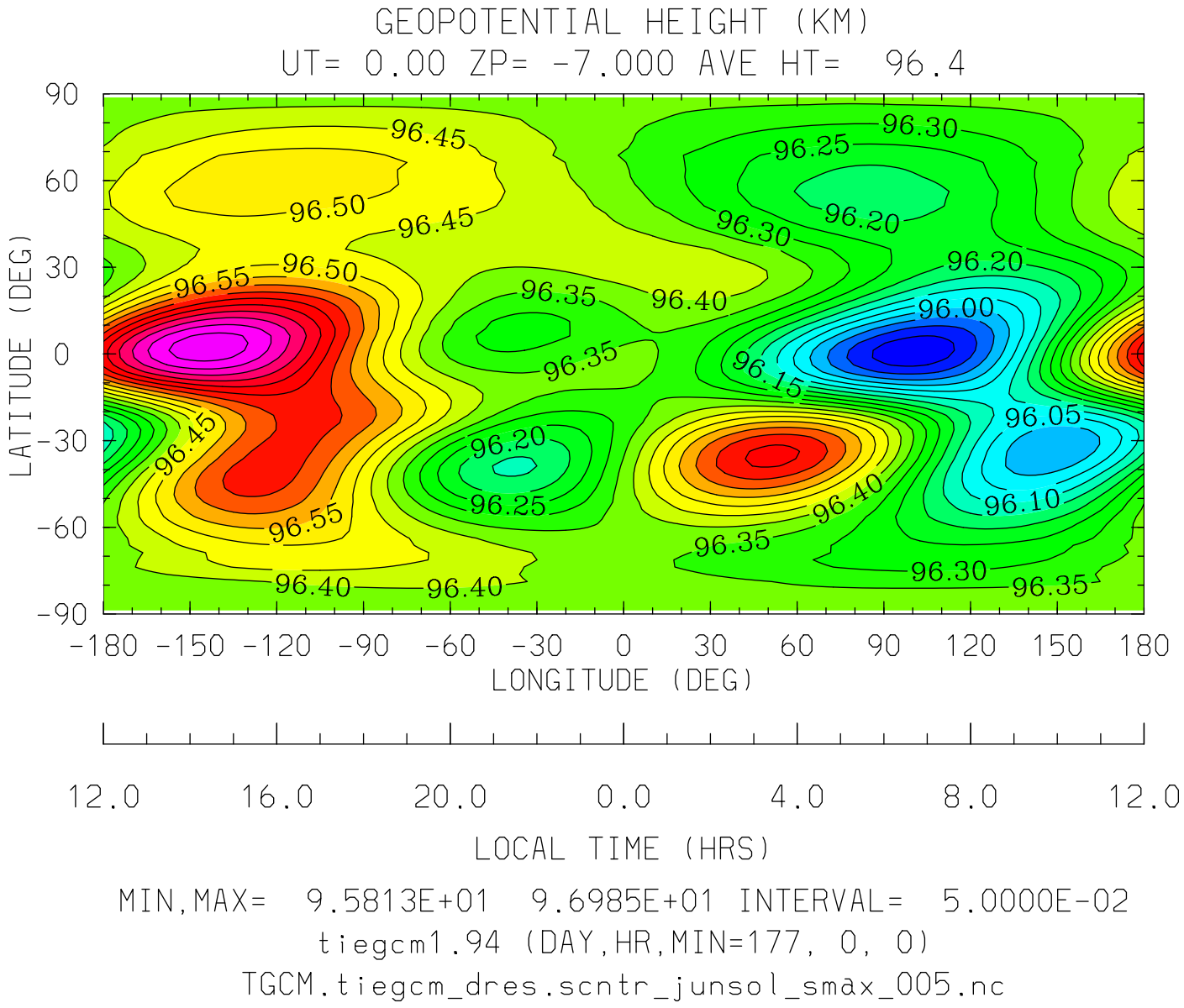


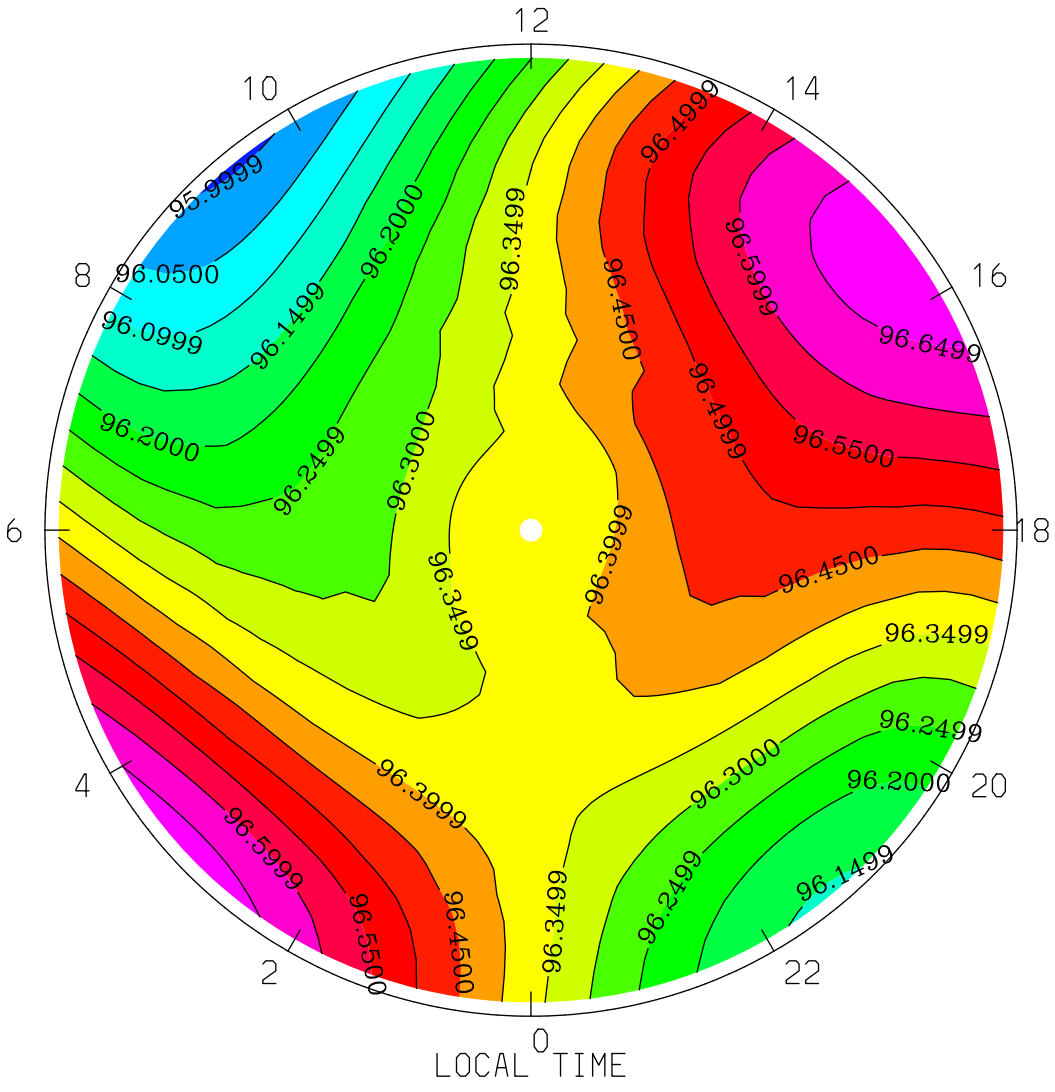
MIN,MAX= 1.1771E+03 5.3957E+05 INTERVAL= 4.0000E+04

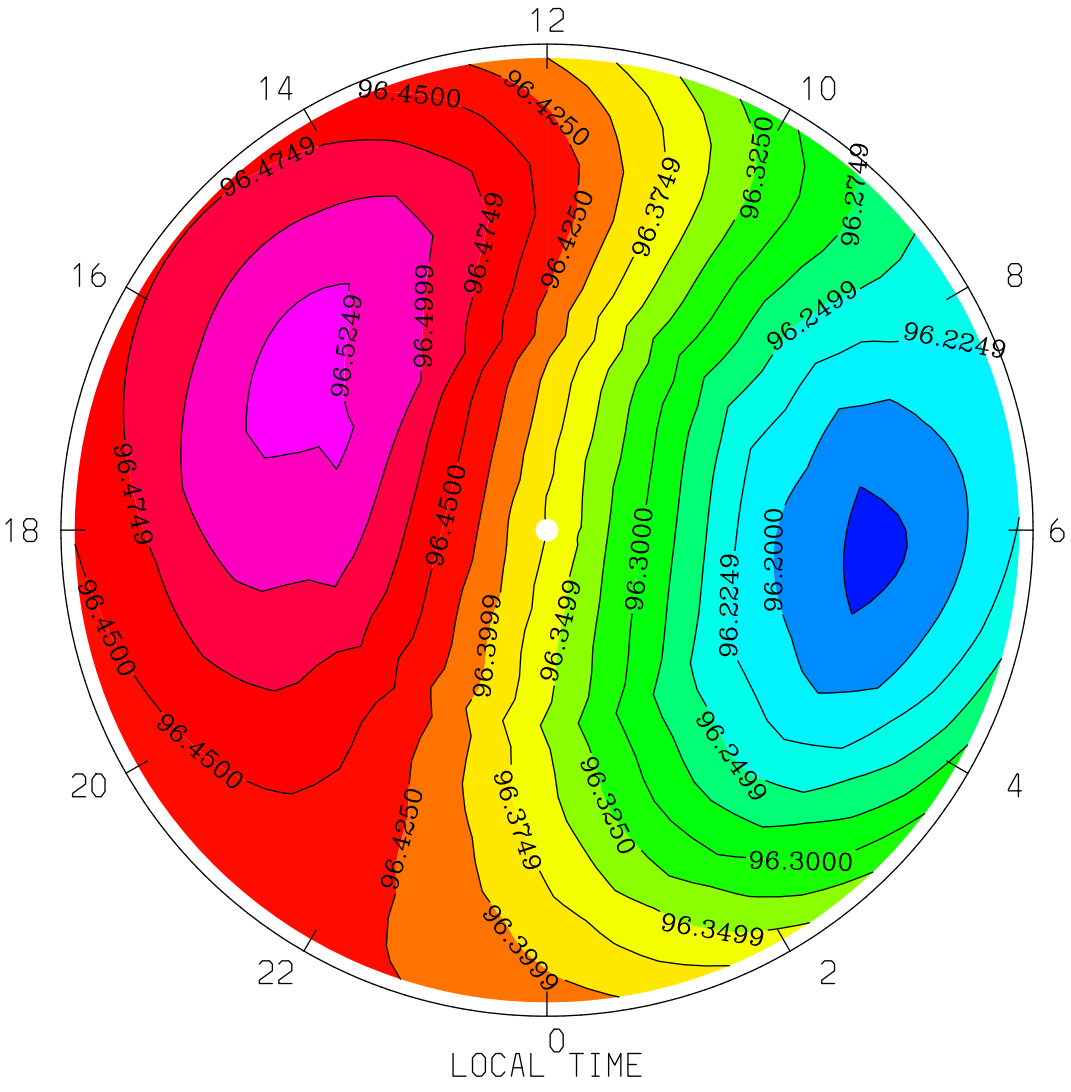
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


QJOULE: Joule Heating (erg/g/s)
UT= 0.00 ZP= 1.875 AVE HT= 343.7 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
50000
50000
50000
100000
150000
150000
300000
50000
100000
100000
50000
LOCAL TIME
MIN,MAX= 6.1733E+02 7.9226E+05 INTERVAL= 5.0000E+04
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
96.45
96.50
96.55
96.40
96.35
96.30
96.25
96.20
96.15
96.00
96.05
96.10
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.5813E+01 9.6985E+01 INTERVAL= 5.0000E-02
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

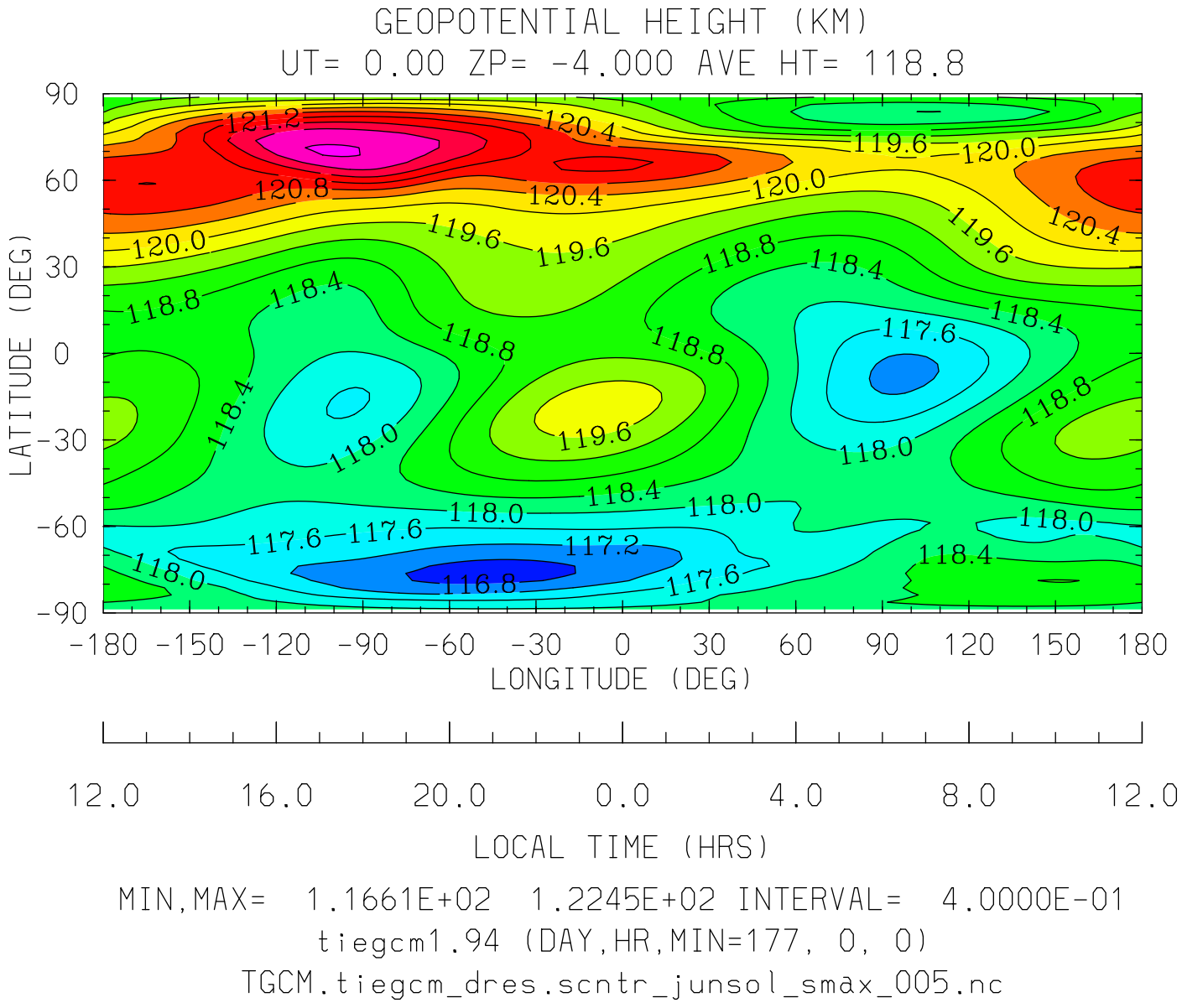

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
95.9999
96.0500
96.0999
96.1499
96.2000
96.2499
96.3000
96.3499
96.3999
96.4500
96.4999
96.5500
96.5999
96.6499
LOCAL TIME
MIN,MAX= 9.5993E+01 9.6678E+01 INTERVAL= 5.0000E-02
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

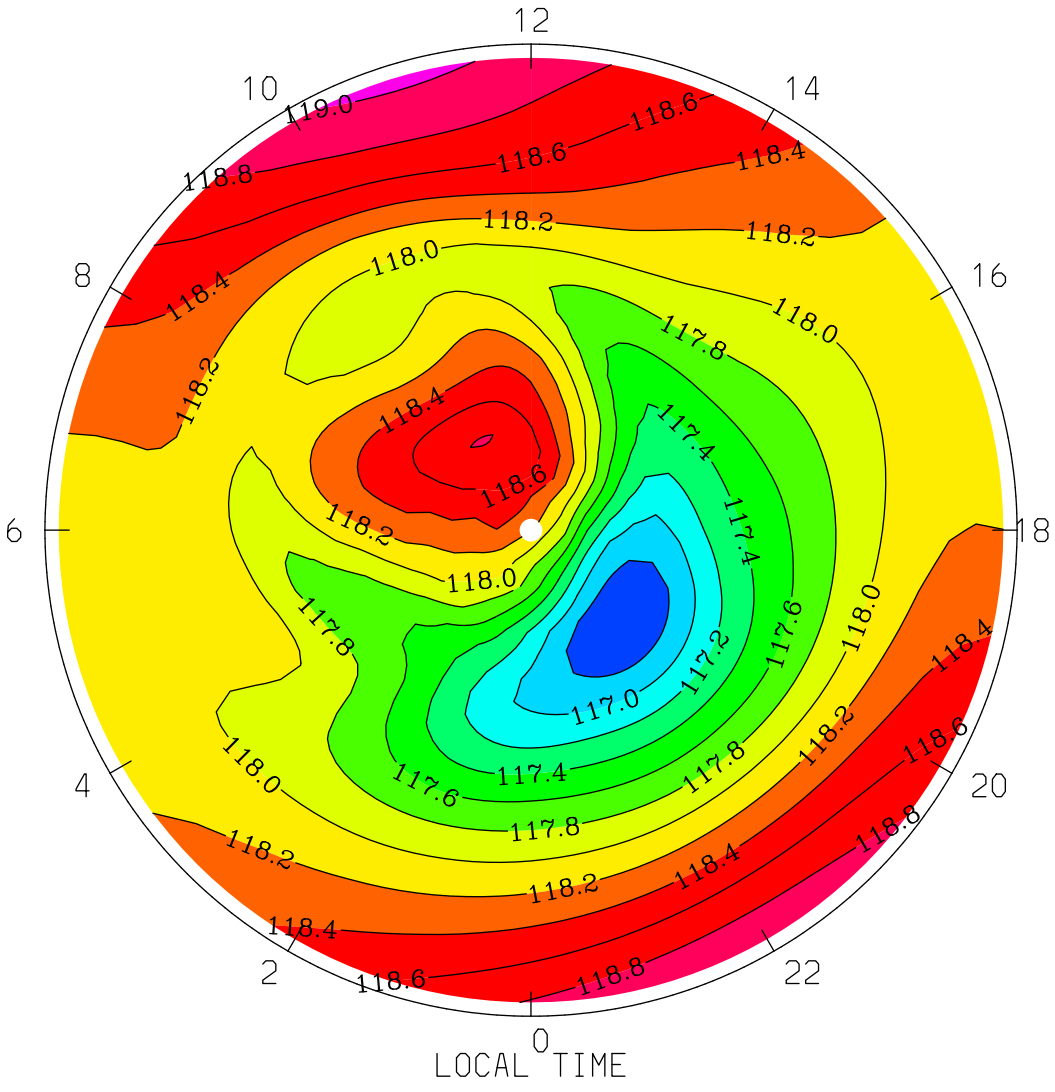


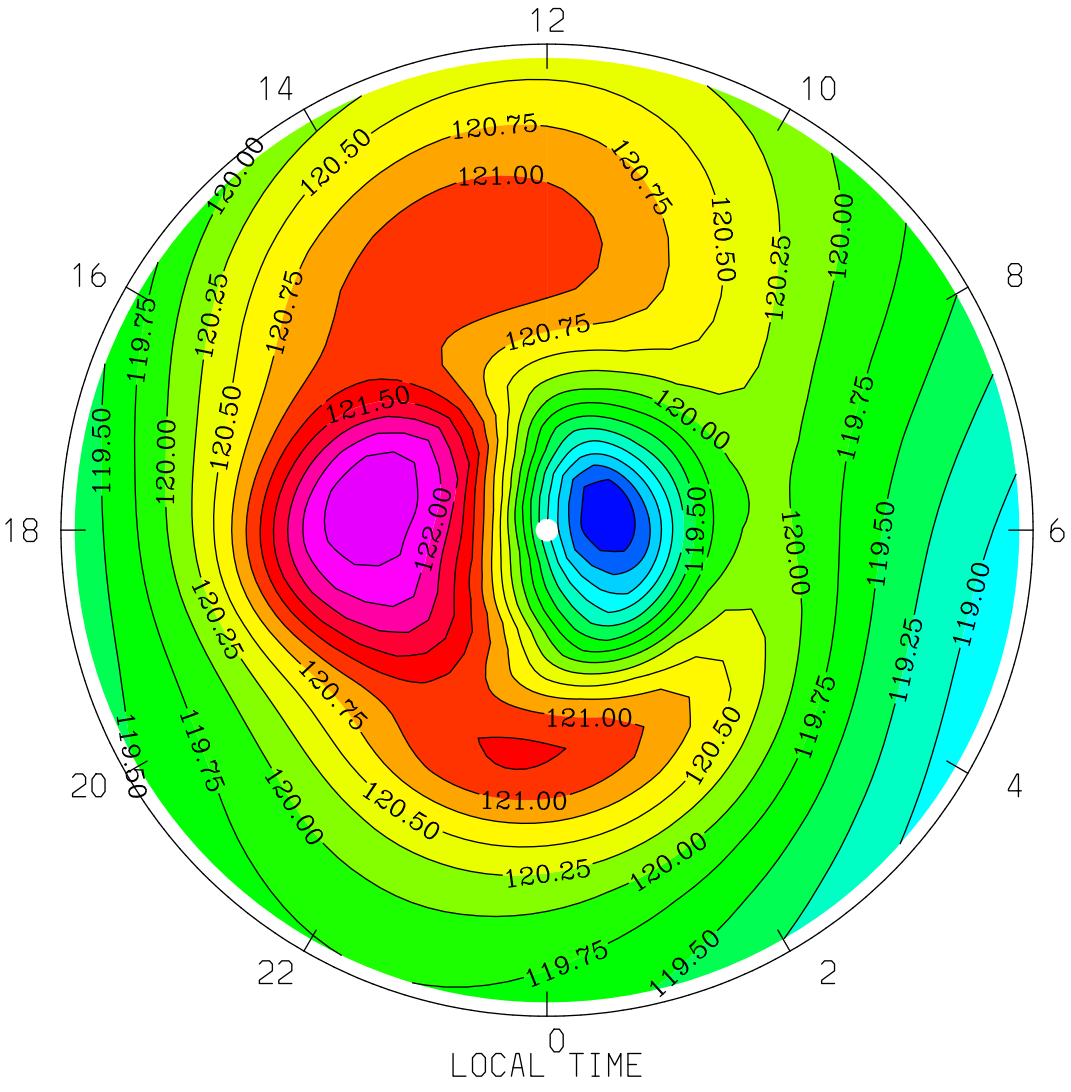
MIN,MAX= 9.6169E+01 9.6531E+01 INTERVAL= 2.5000E-02

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= -4.000 AVE HT= 118.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.1661E+02 1.2245E+02 INTERVAL= 4.0000E-01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

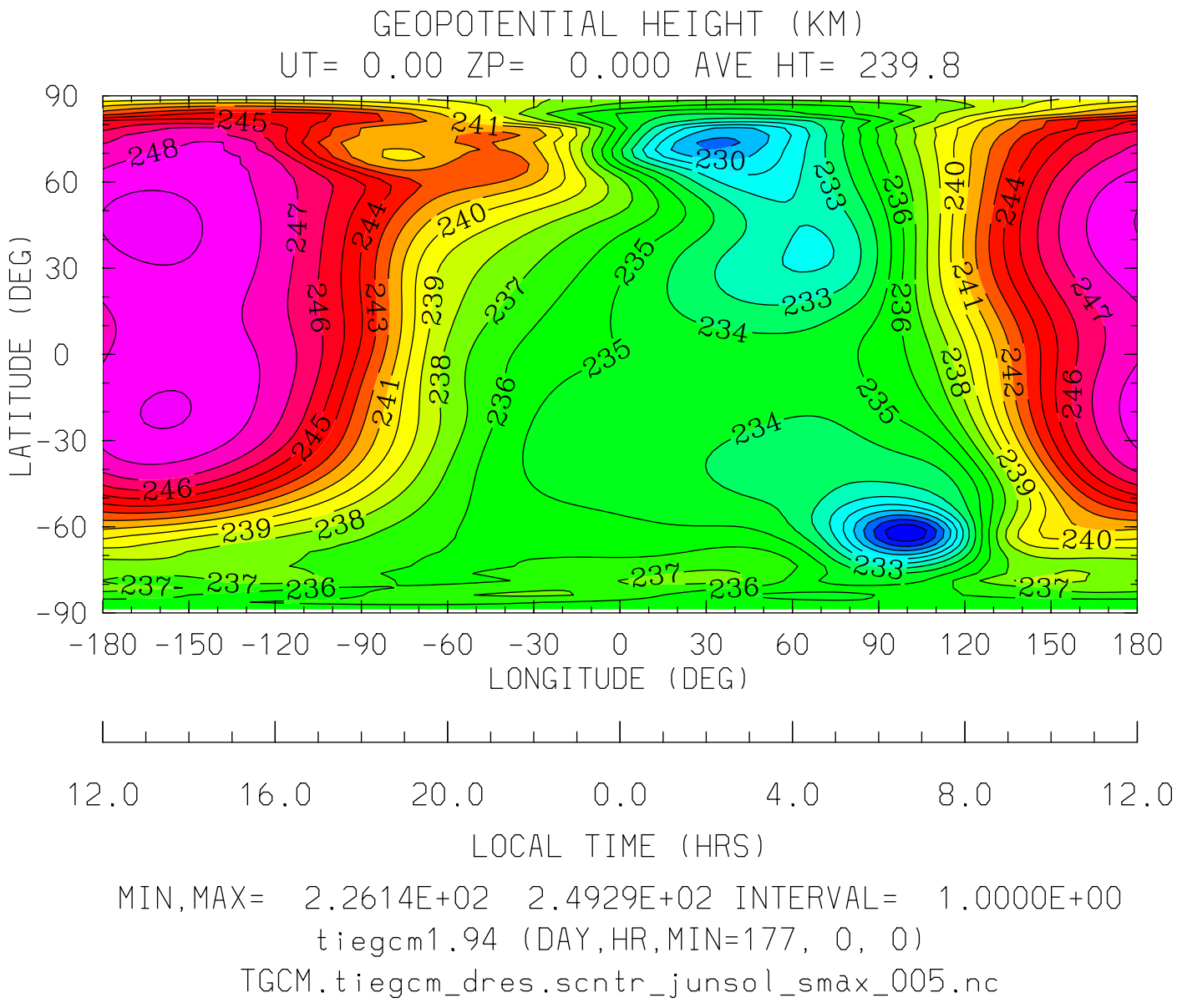

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
119.0
118.8
118.6
118.4
118.2
118.0
117.8
117.6
117.4
117.2
117.0
MIN,MAX= 1.1661E+02 1.1904E+02 INTERVAL= 2.0000E-01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

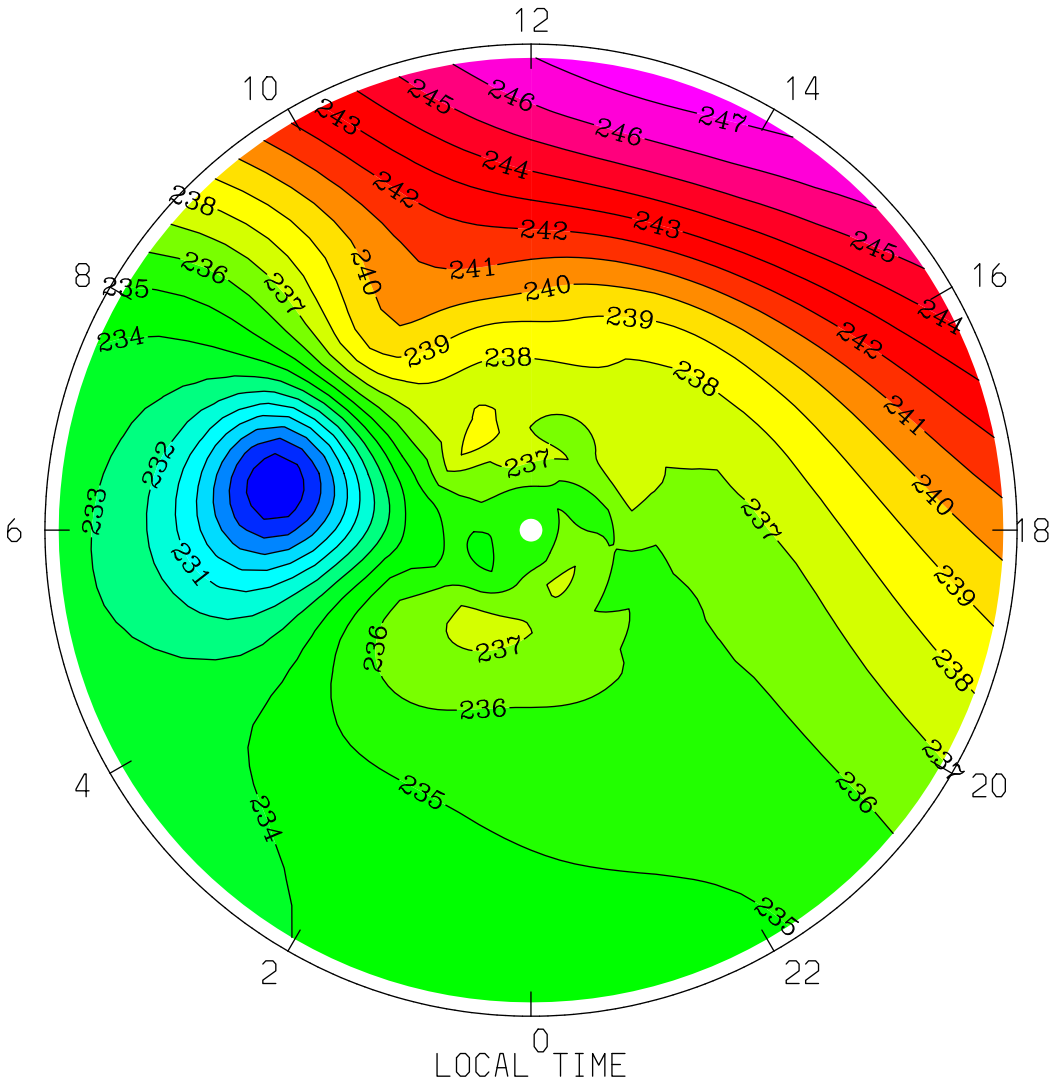


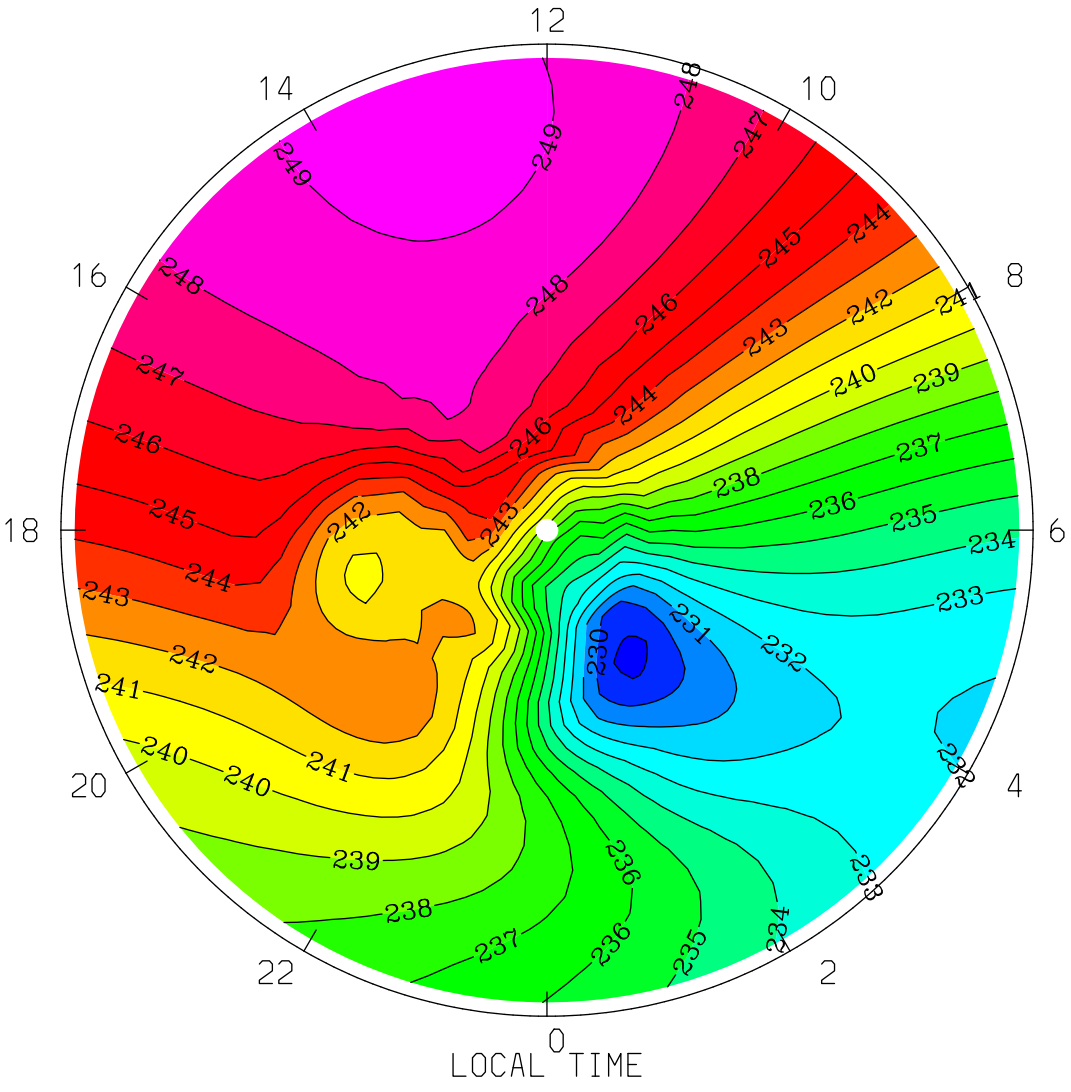
MIN,MAX= 1.1800E+02 1.2245E+02 INTERVAL= 2.5000E-01

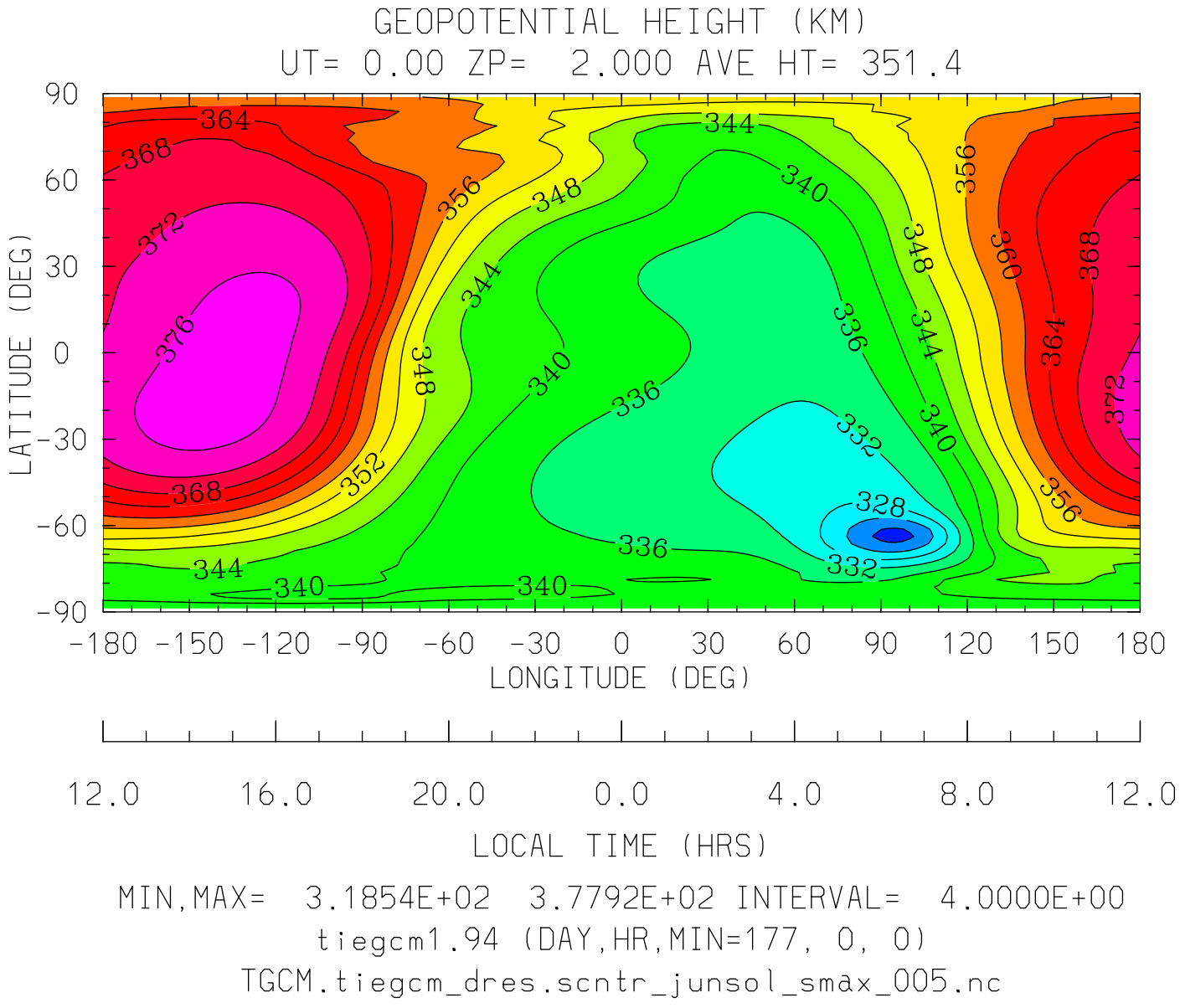
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

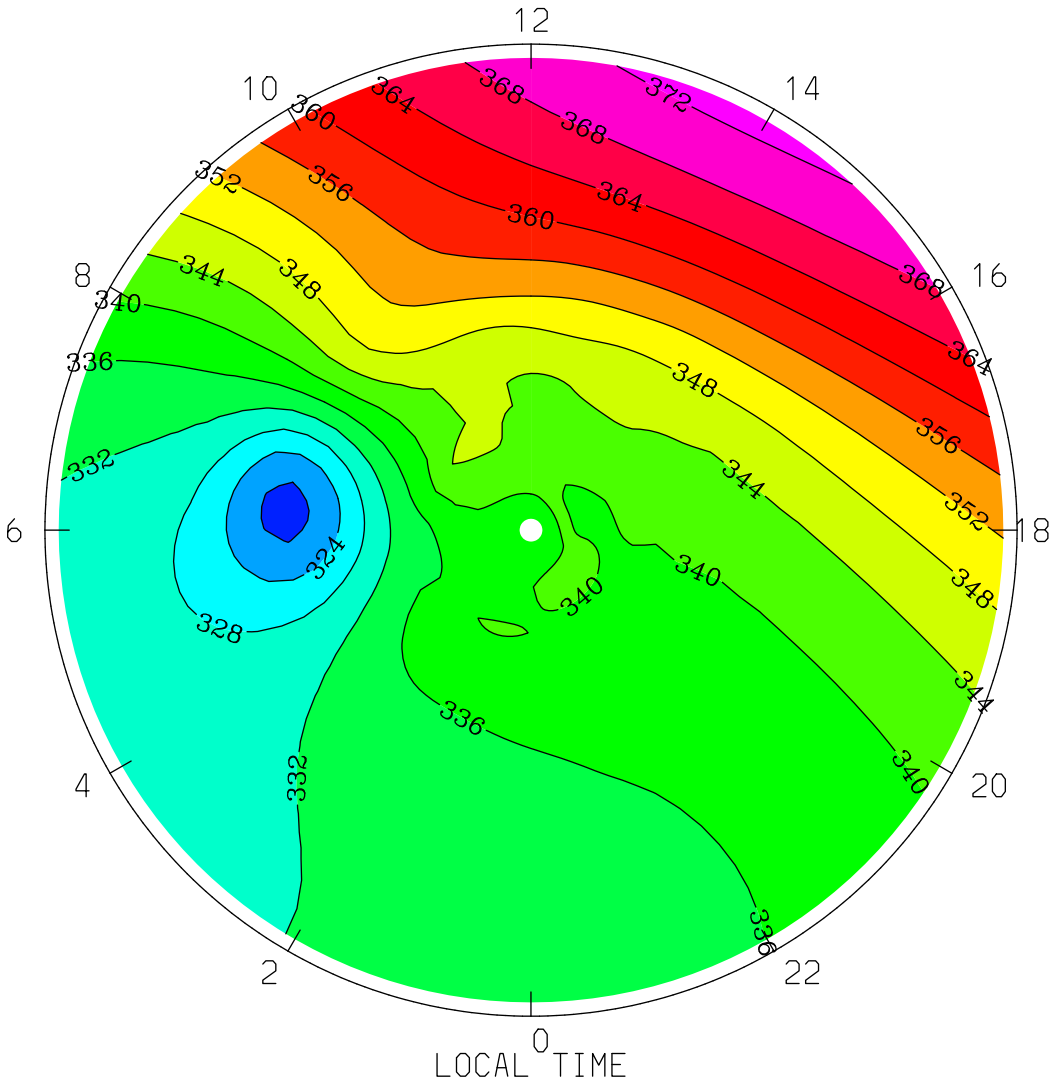
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

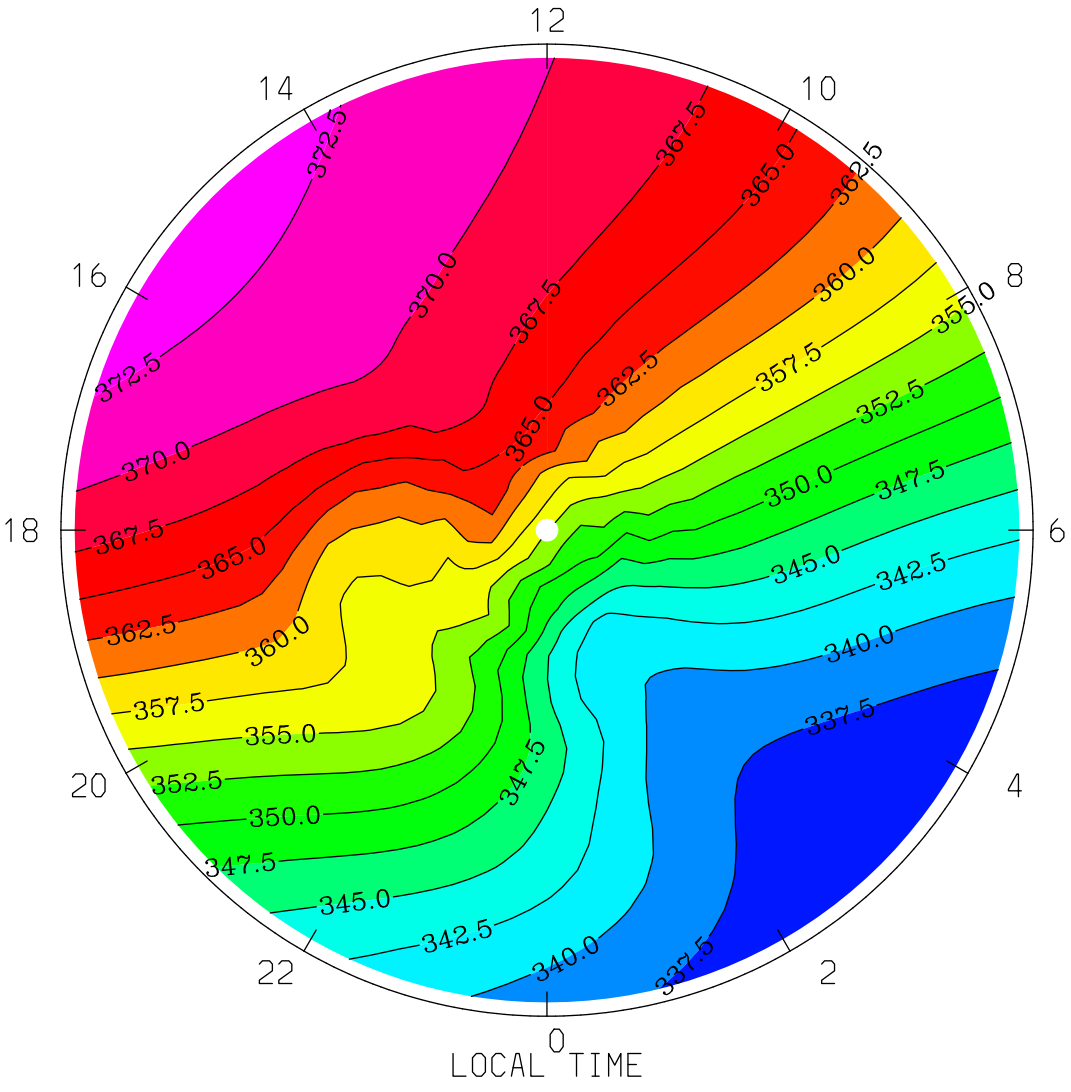

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 0.000 AVE HT= 239.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.2614E+02 2.4929E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 2.2614E+02 2.4752E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 2.2869E+02 2.4929E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 2.000 AVE HT= 351.4
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= 3.1854E+02 3.7792E+02 INTERVAL= 4.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

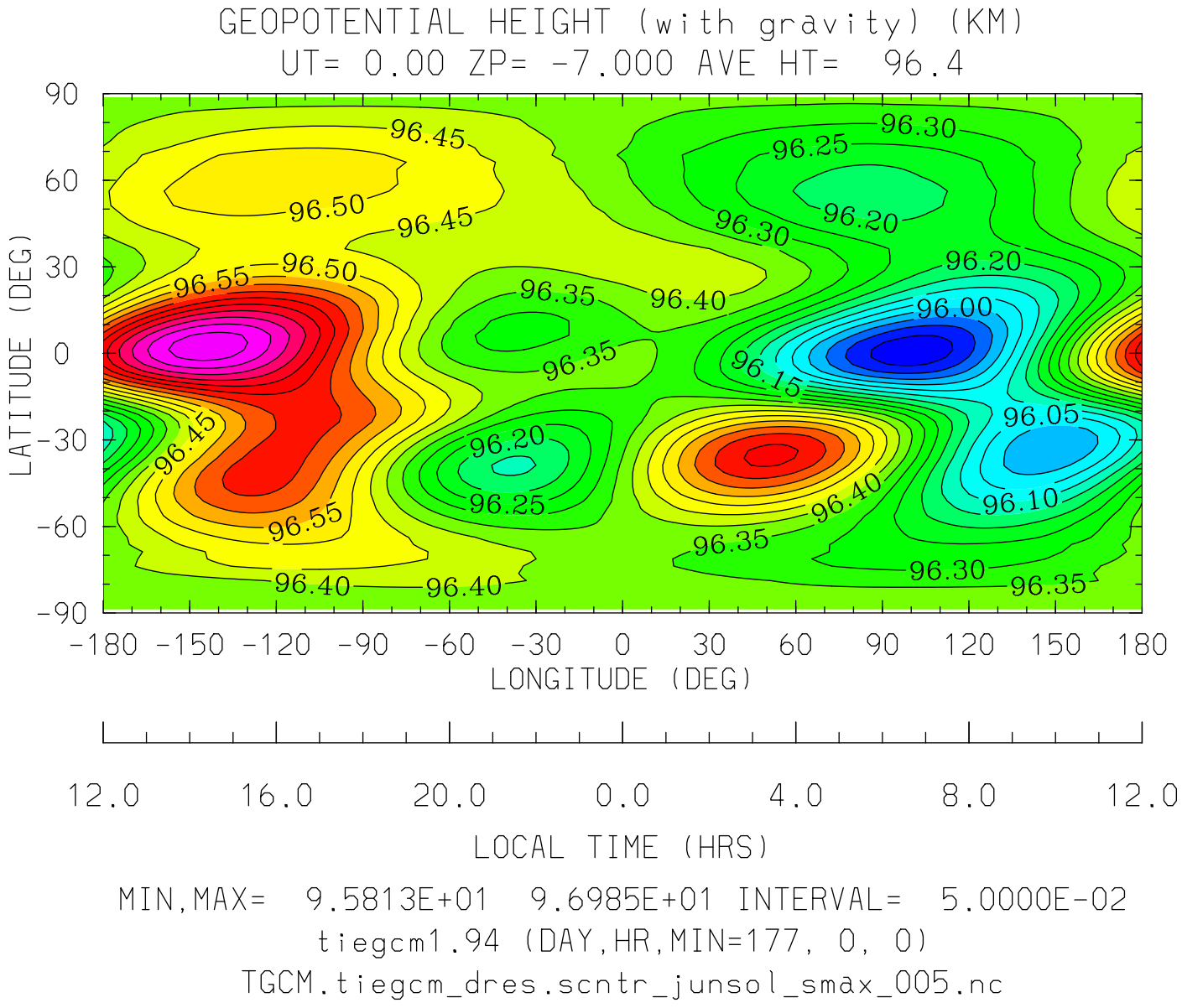

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 3.1854E+02 3.7312E+02 INTERVAL= 4.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc



MIN,MAX= 3.3524E+02 3.7385E+02 INTERVAL= 2.5000E+00

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

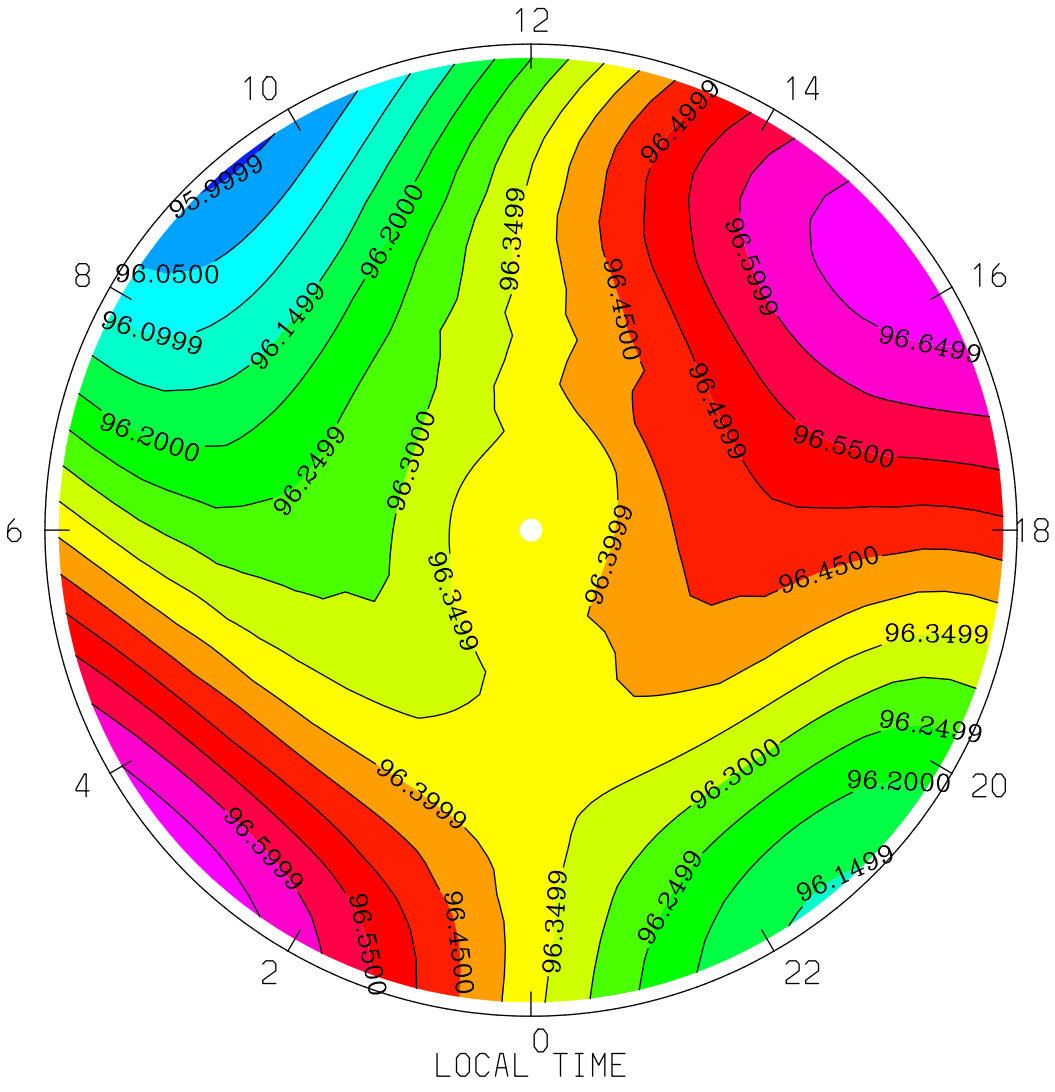
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

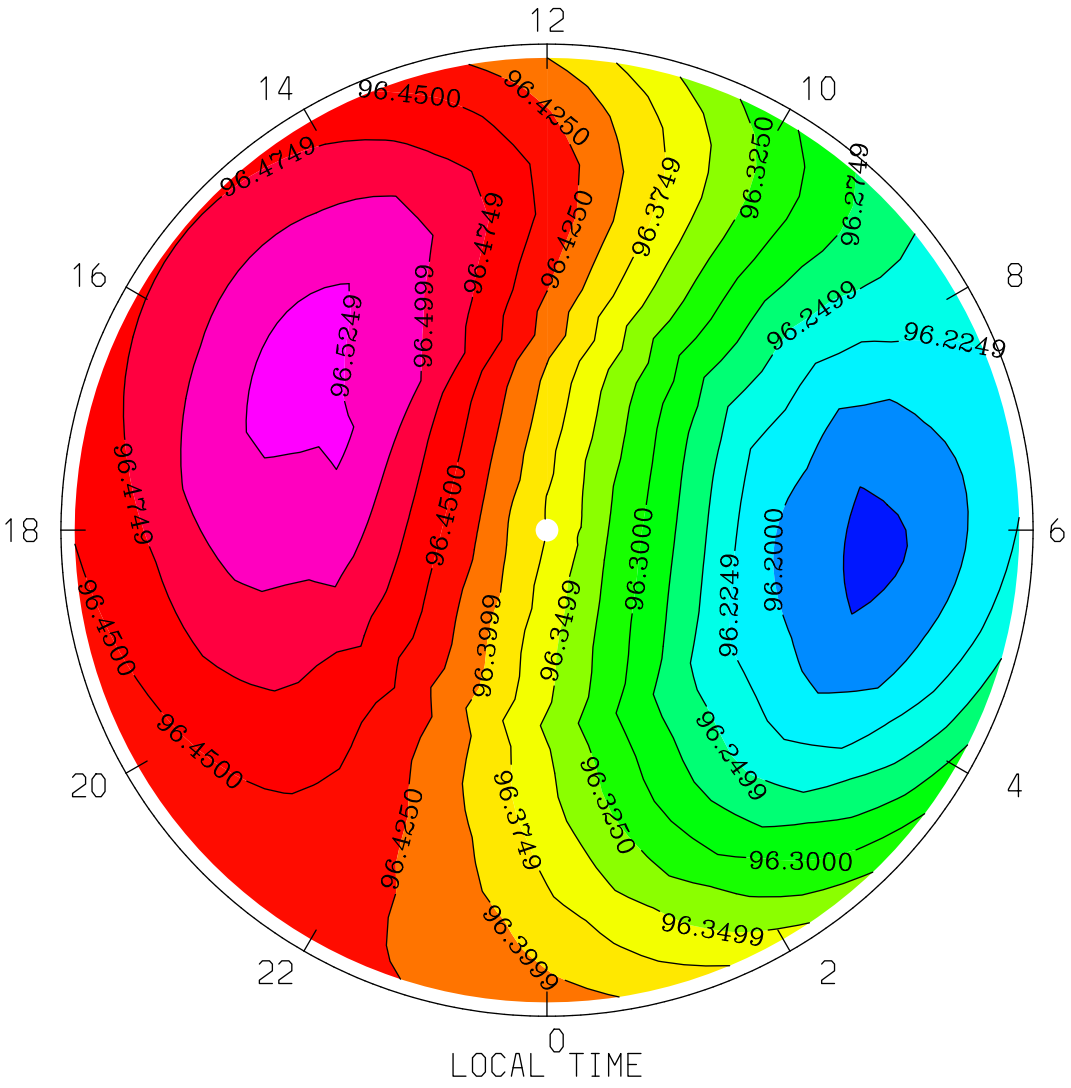


MIN,MAX= 9.5813E+01 9.6985E+01 INTERVAL= 5.0000E-02

tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

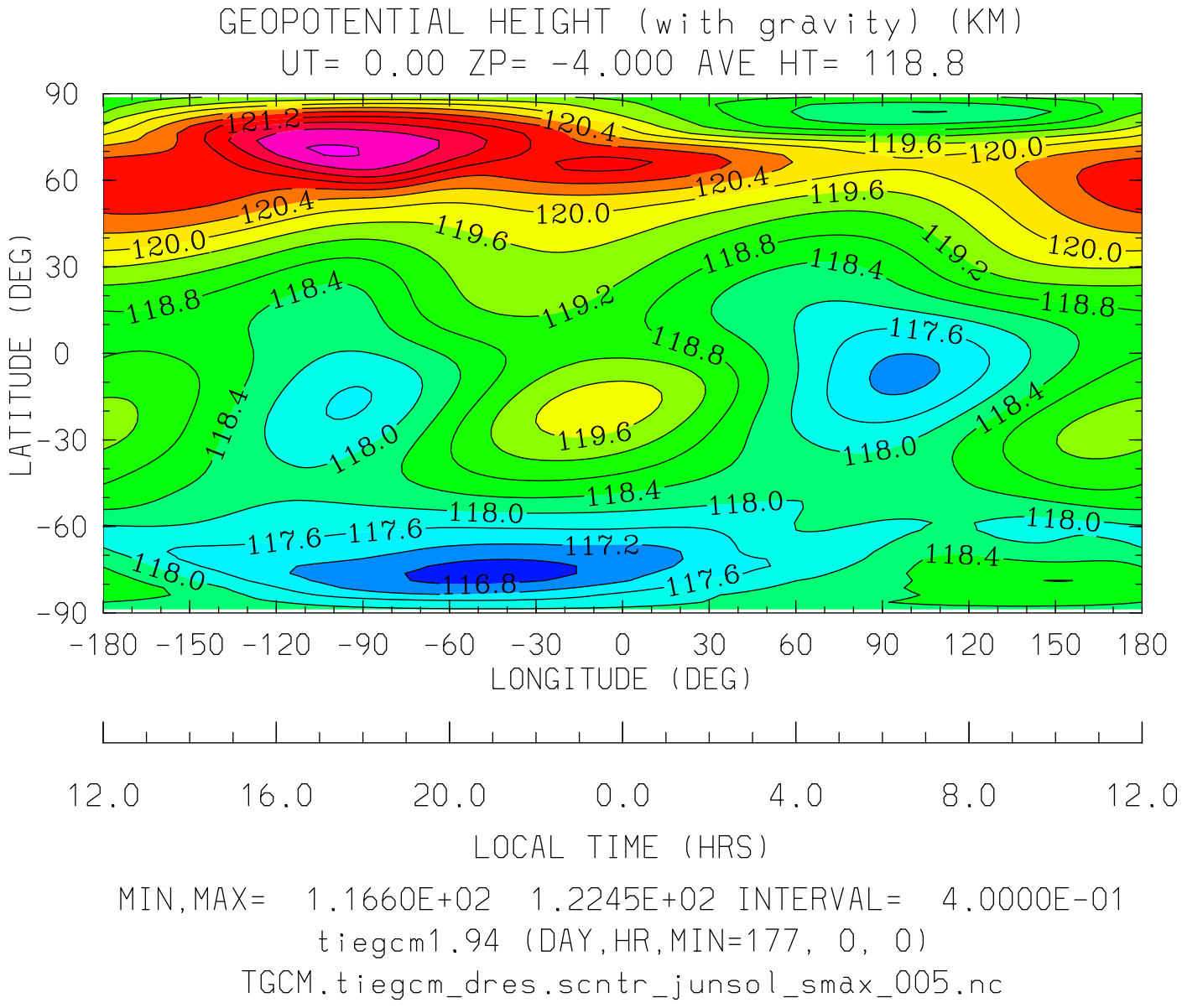

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= -7.000 AVE HT= 96.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
95.9999
96.0500
96.0999
96.1499
96.2000
96.2499
96.3000
96.3499
96.3999
96.4500
96.4999
96.5500
96.5999
96.6499
LOCAL TIME
MIN,MAX= 9.5993E+01 9.6678E+01 INTERVAL= 5.0000E-02
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

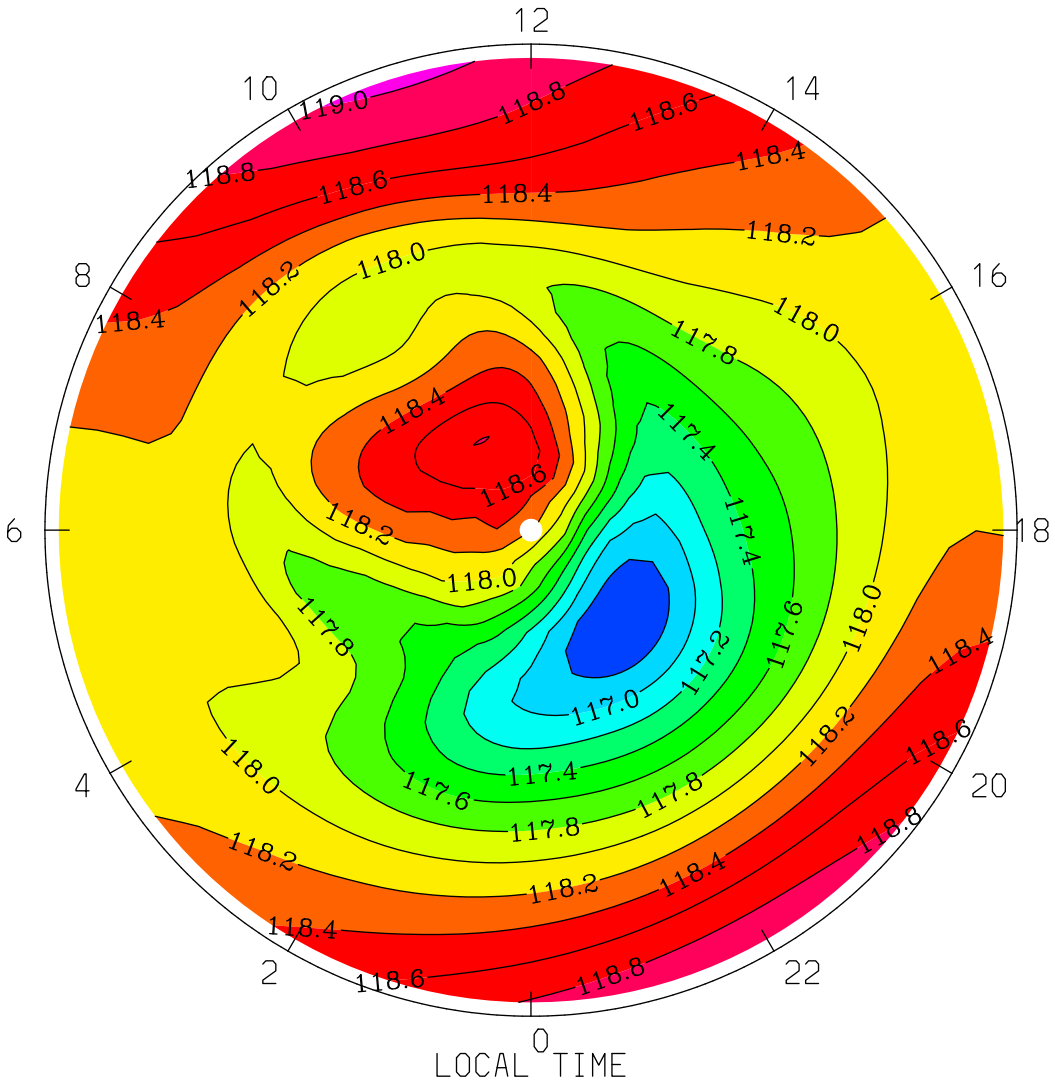


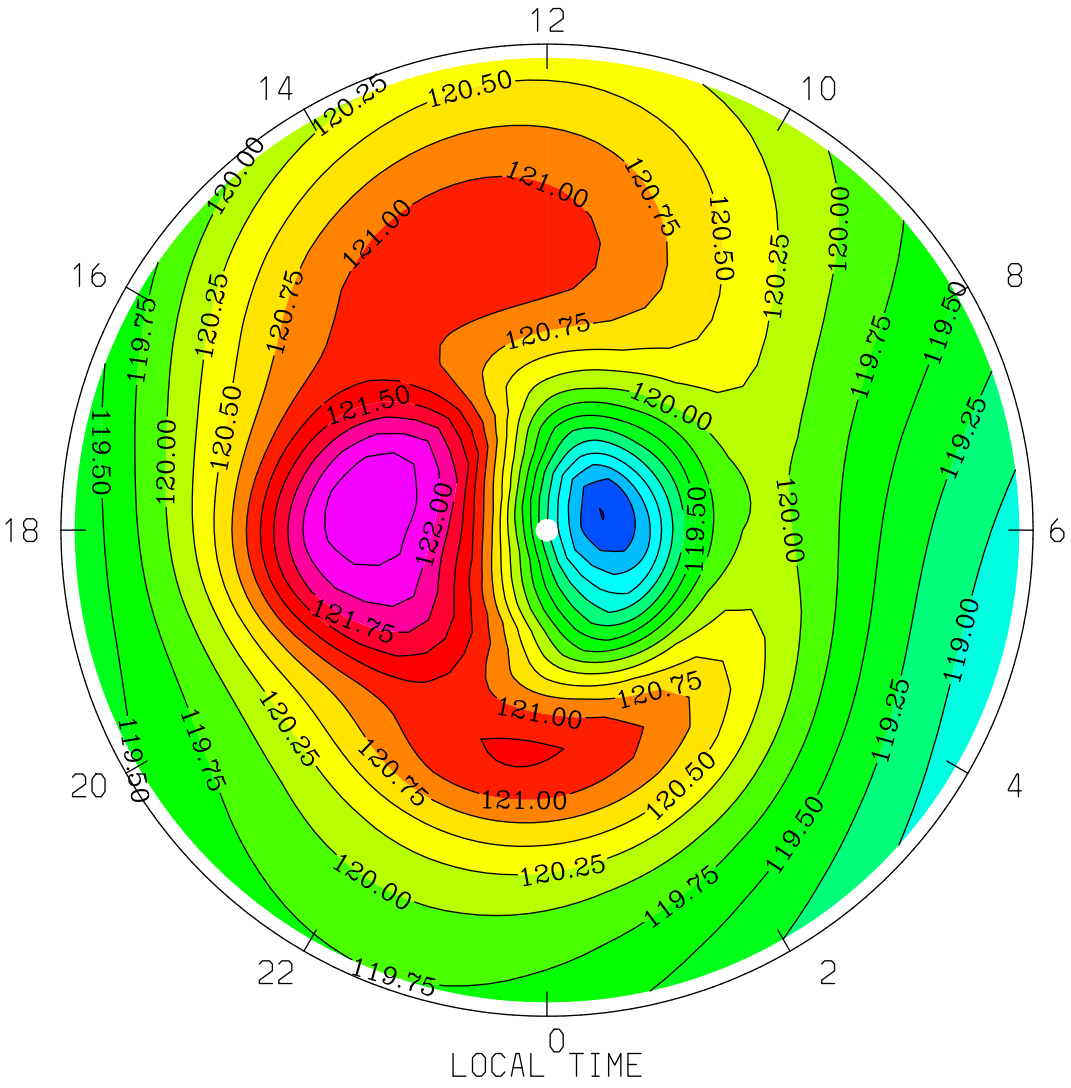
MIN,MAX= 9.6169E+01 9.6531E+01 INTERVAL= 2.5000E-02

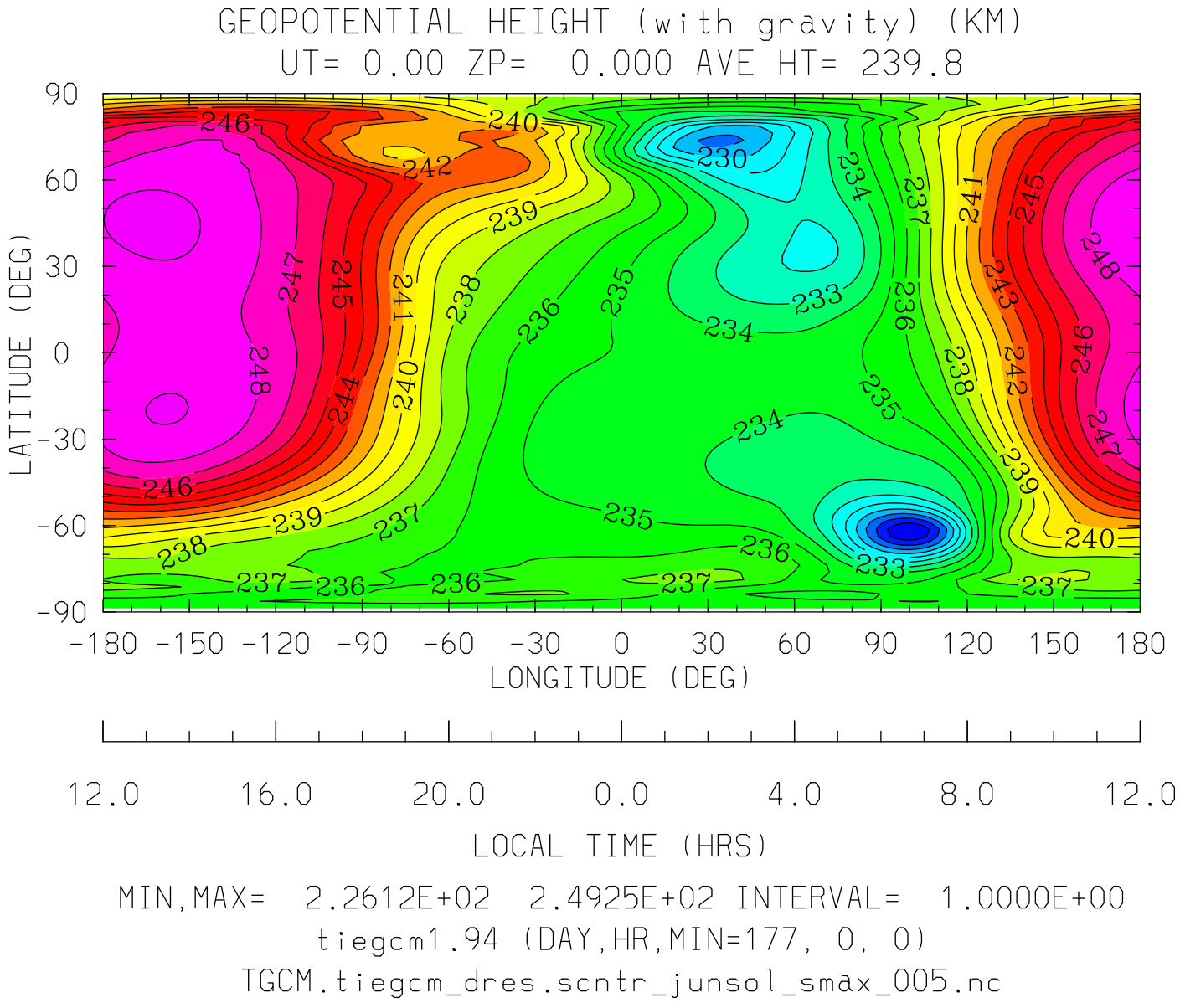
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)

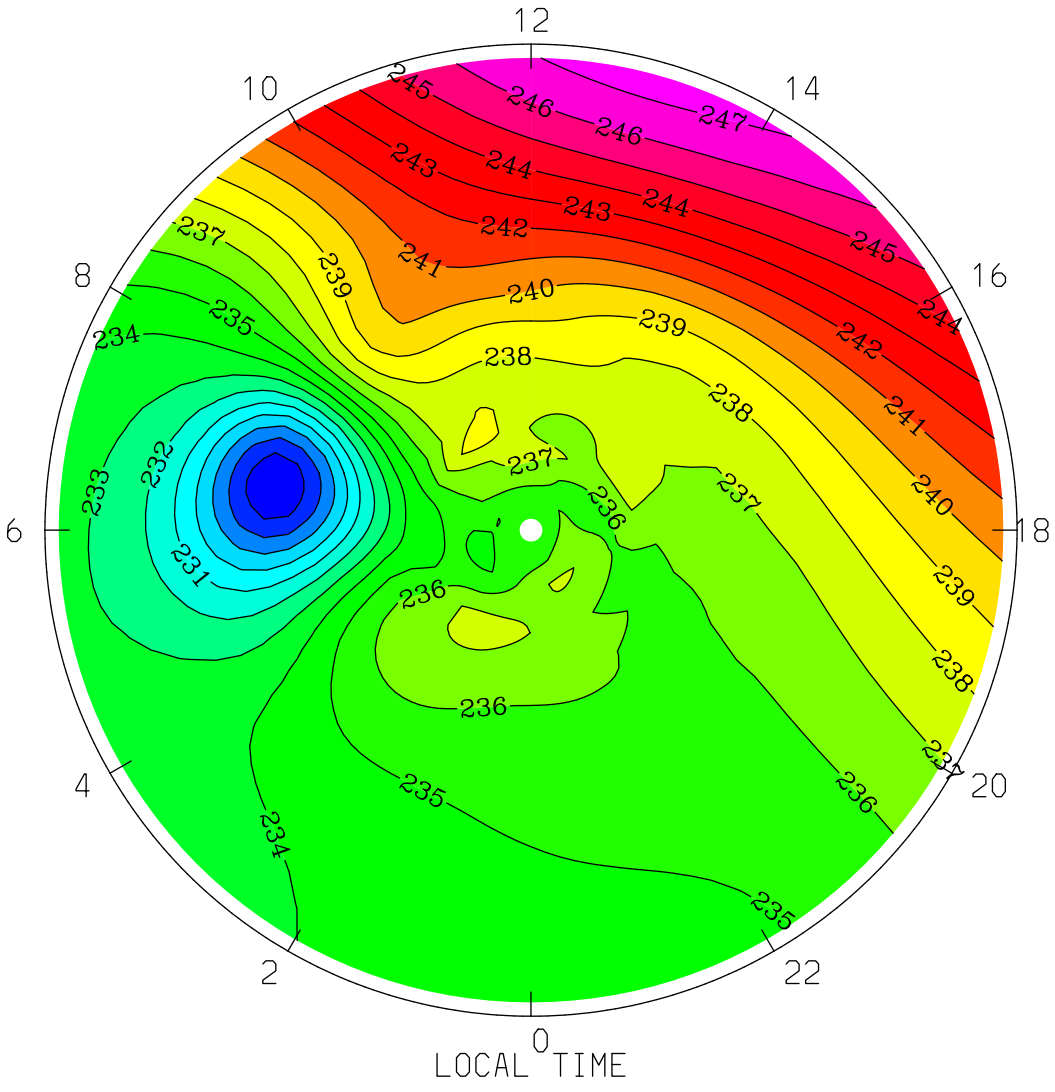
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

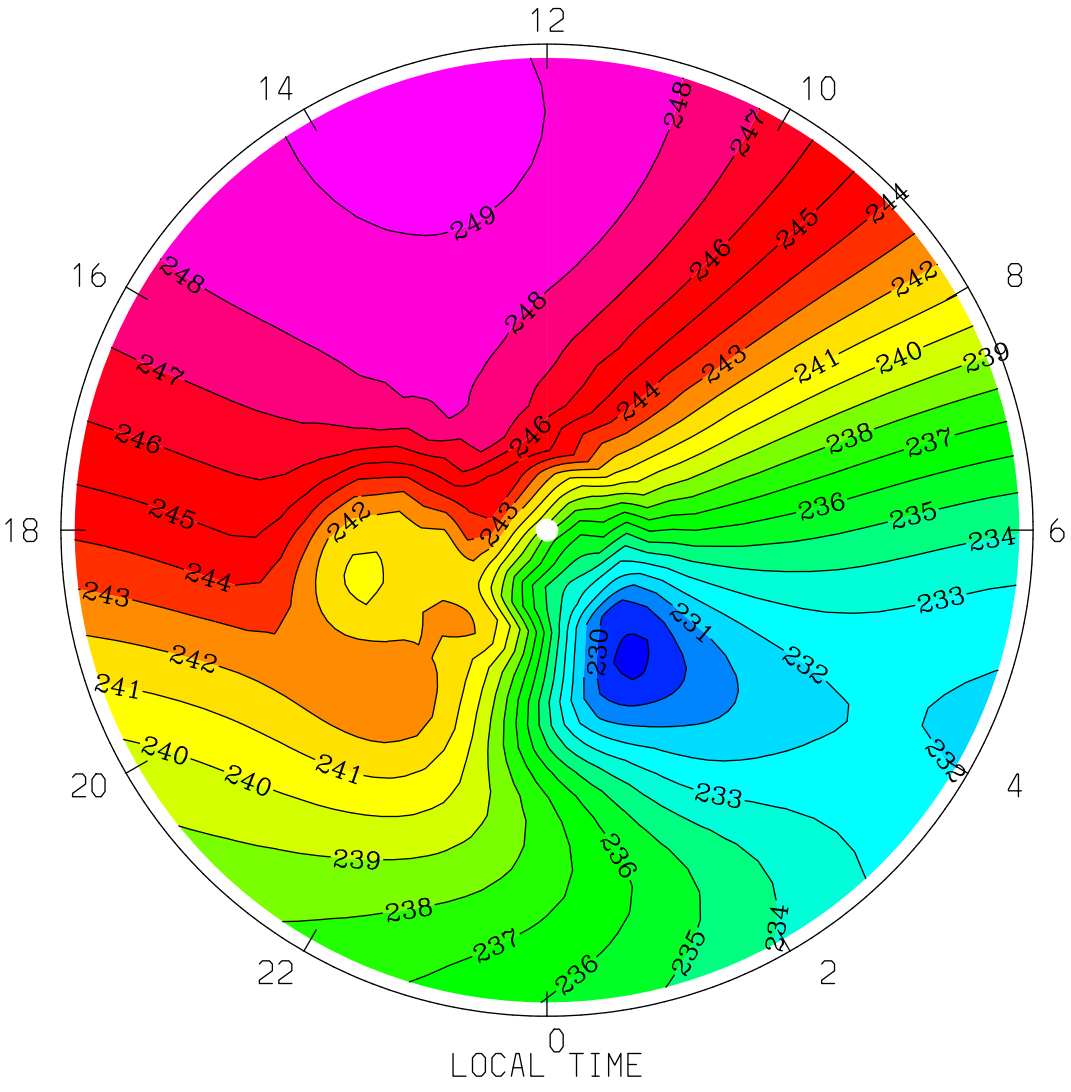

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= -4.000 AVE HT= 118.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.1660E+02 1.2245E+02 INTERVAL= 4.0000E-01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

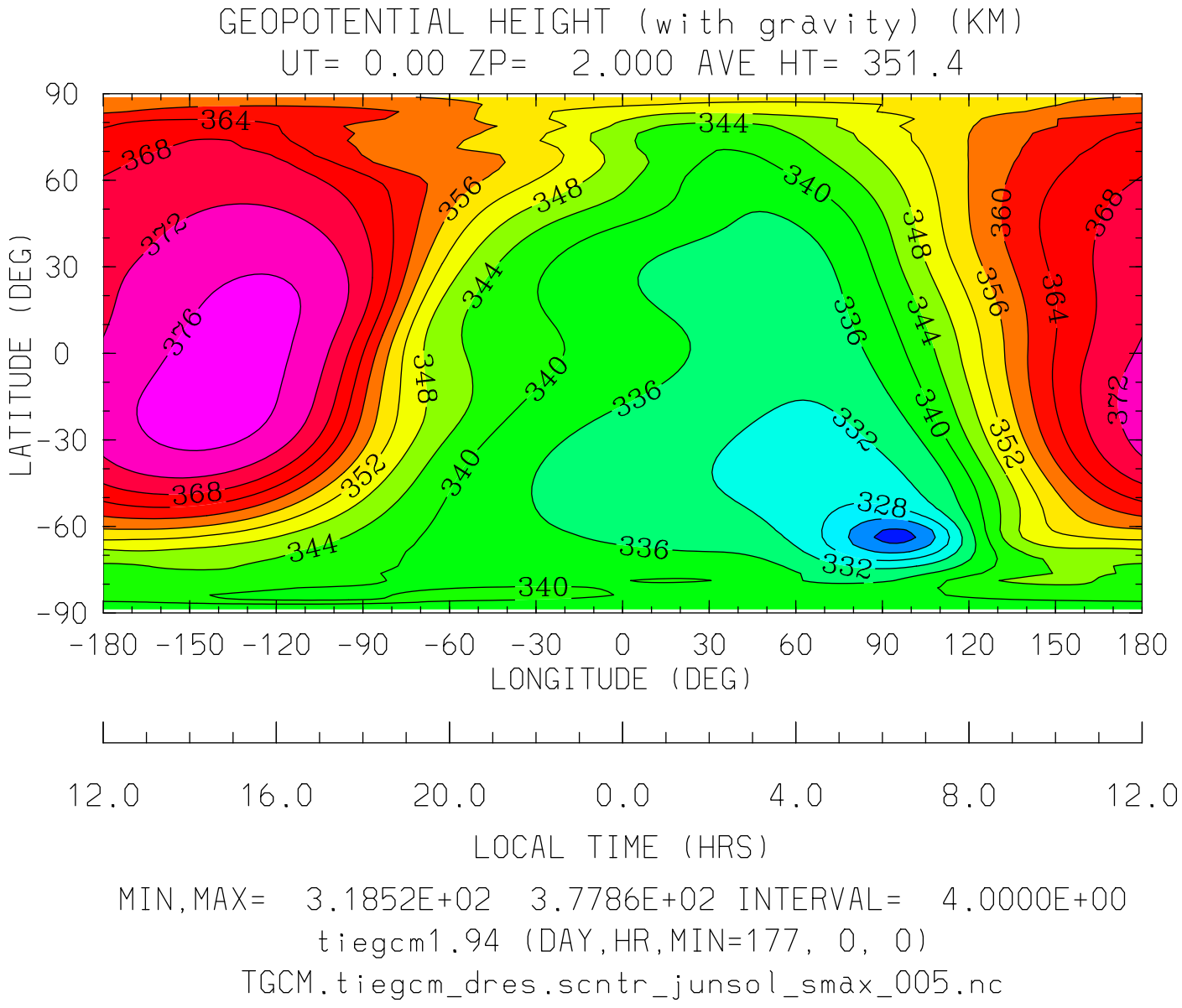

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
119.0
118.8
118.6
118.4
118.2
118.0
117.8
117.4
117.2
117.0
MIN,MAX= 1.1660E+02 1.1904E+02 INTERVAL= 2.0000E-01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

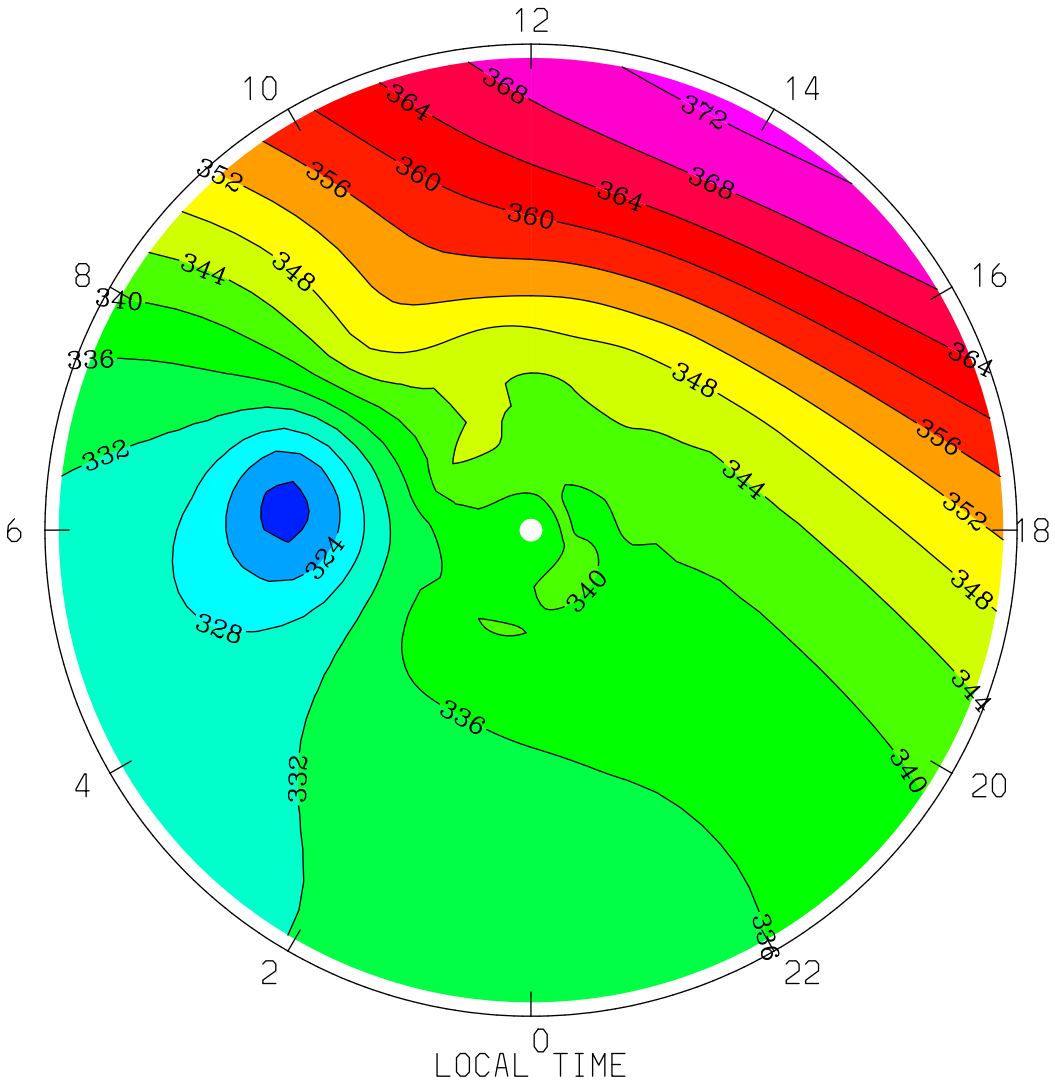

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= -4.000 AVE HT= 118.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 1.1799E+02 1.2245E+02 INTERVAL= 2.5000E-01
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc

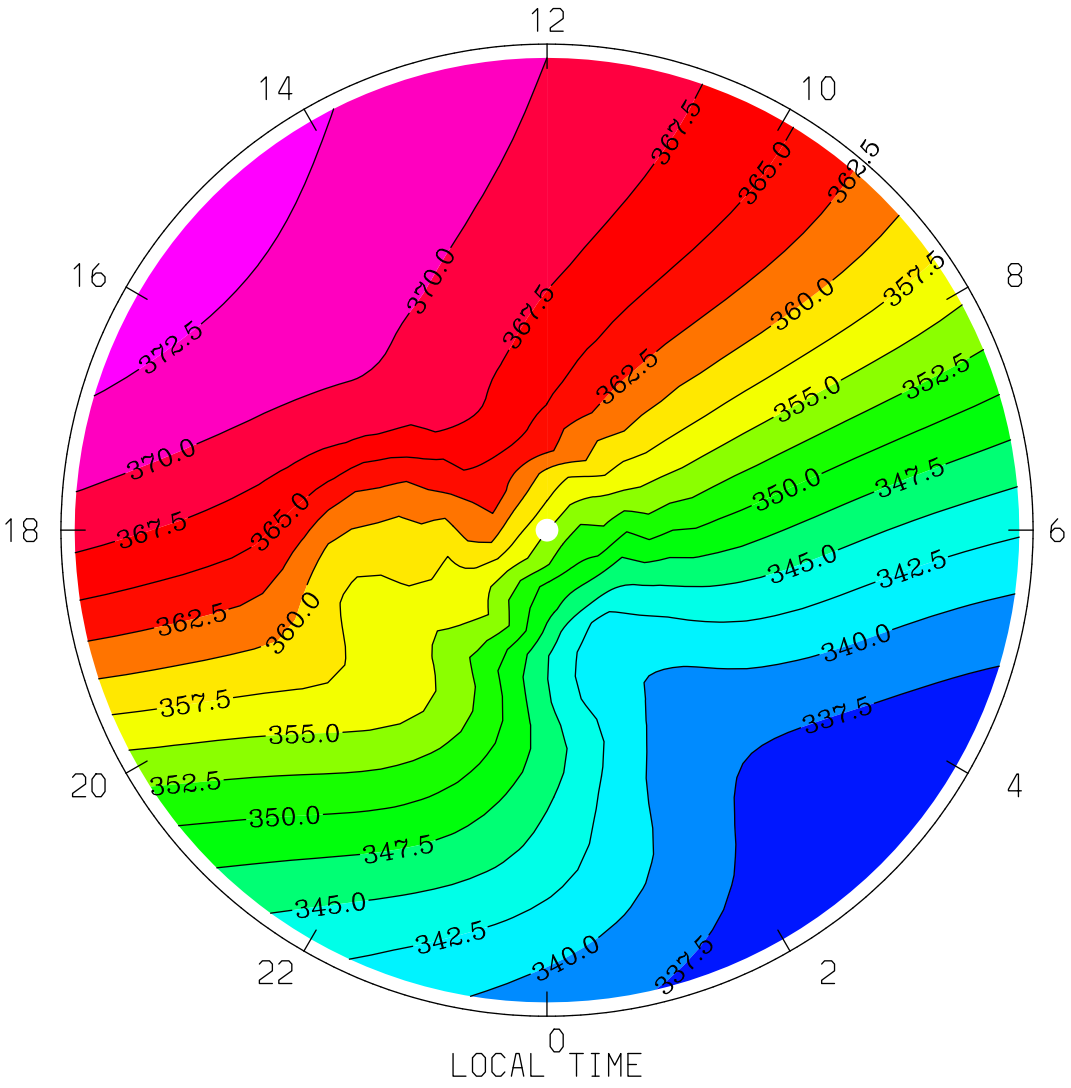

GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 0.000 AVE HT= 239.8
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.2612E+02 2.4925E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 2.2612E+02 2.4750E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 0.000 AVE HT= 239.8 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
LOCAL TIME
MIN,MAX= 2.2866E+02 2.4925E+02 INTERVAL= 1.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 351.4
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= 3.1852E+02 3.7786E+02 INTERVAL= 4.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT=-40.0
12
10
14
8
16
6
18
4
20
2
22
0
LOCAL TIME
MIN,MAX= 3.1852E+02 3.7307E+02 INTERVAL= 4.0000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc


GEOPOTENTIAL HEIGHT (with gravity) (KM)
UT= 0.00 ZP= 2.000 AVE HT= 351.4 PERIM-LAT= 40.0
12
14
10
16
8
18
6
20
4
22
2
0
372.5
370.0
367.5
365.0
362.5
360.0
357.5
355.0
352.5
350.0
347.5
345.0
342.5
340.0
337.5
LOCAL TIME
MIN,MAX= 3.3519E+02 3.7380E+02 INTERVAL= 2.5000E+00
tiegcm1.94 (DAY,HR,MIN=177, 0, 0)
TGCM.tiegcm_dres.scntr_junsol_smax_005.nc