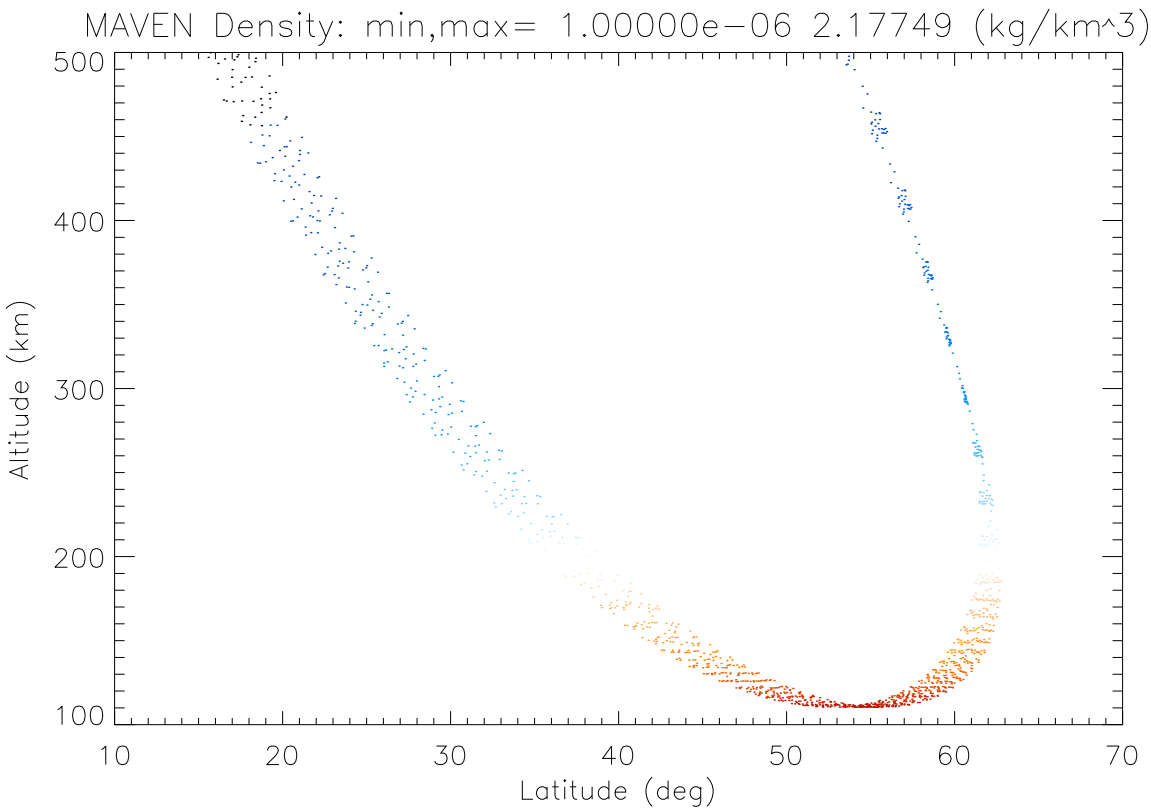
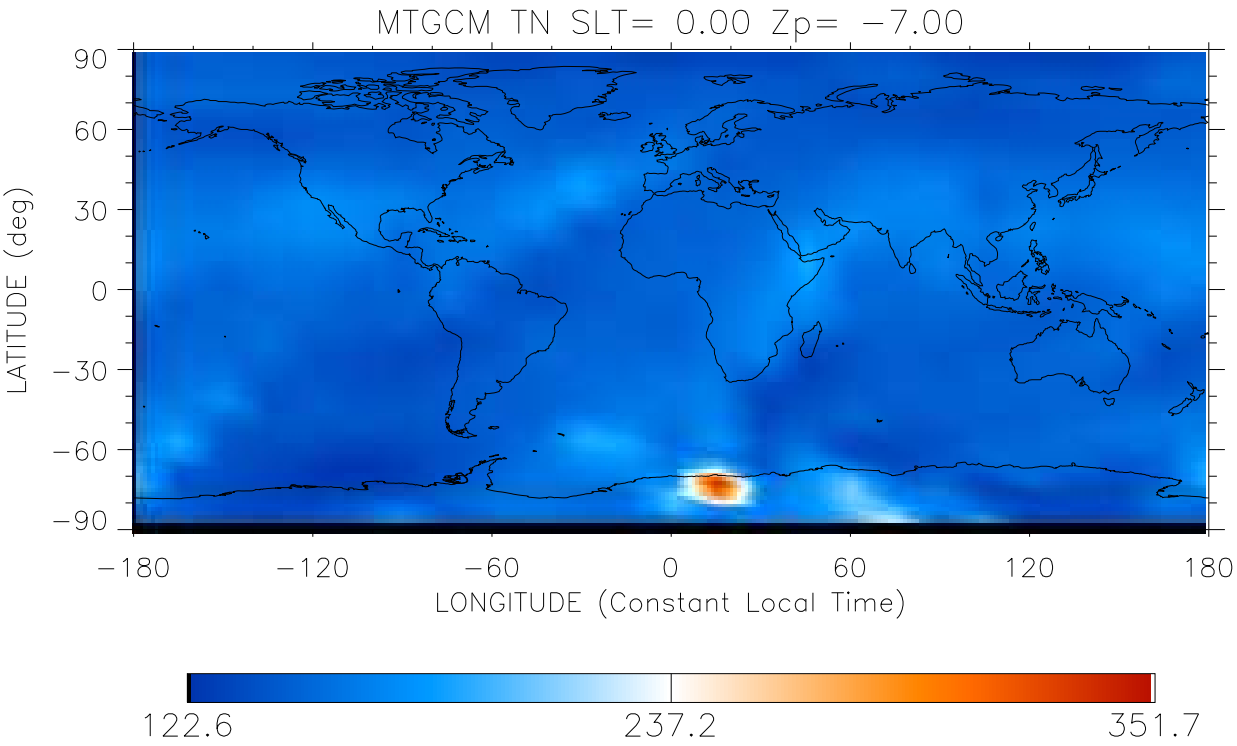

MAVEN Density: min,max= 1.00000e−06 2.17749 (kg/km^3)
Altitude (km)
500
400
300
200
100
10
20
30
40
50
60
70
Latitude (deg)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60
30
0
−30
−60
−90
LATITUDE (deg)
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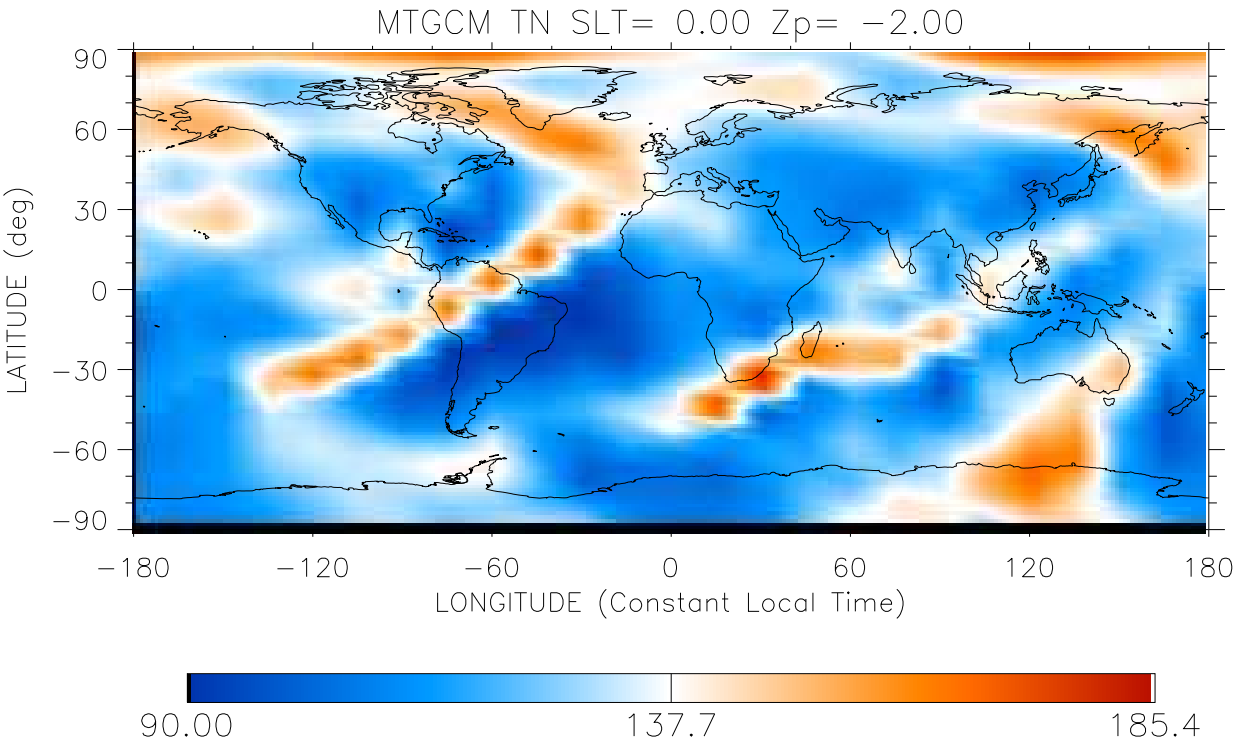
−120
−60
0
60
120
180
LONGITUDE (Constant Local Time)
122.6
237.2
351.7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60
30
0
−30
−60
−90
LATITUDE (deg)
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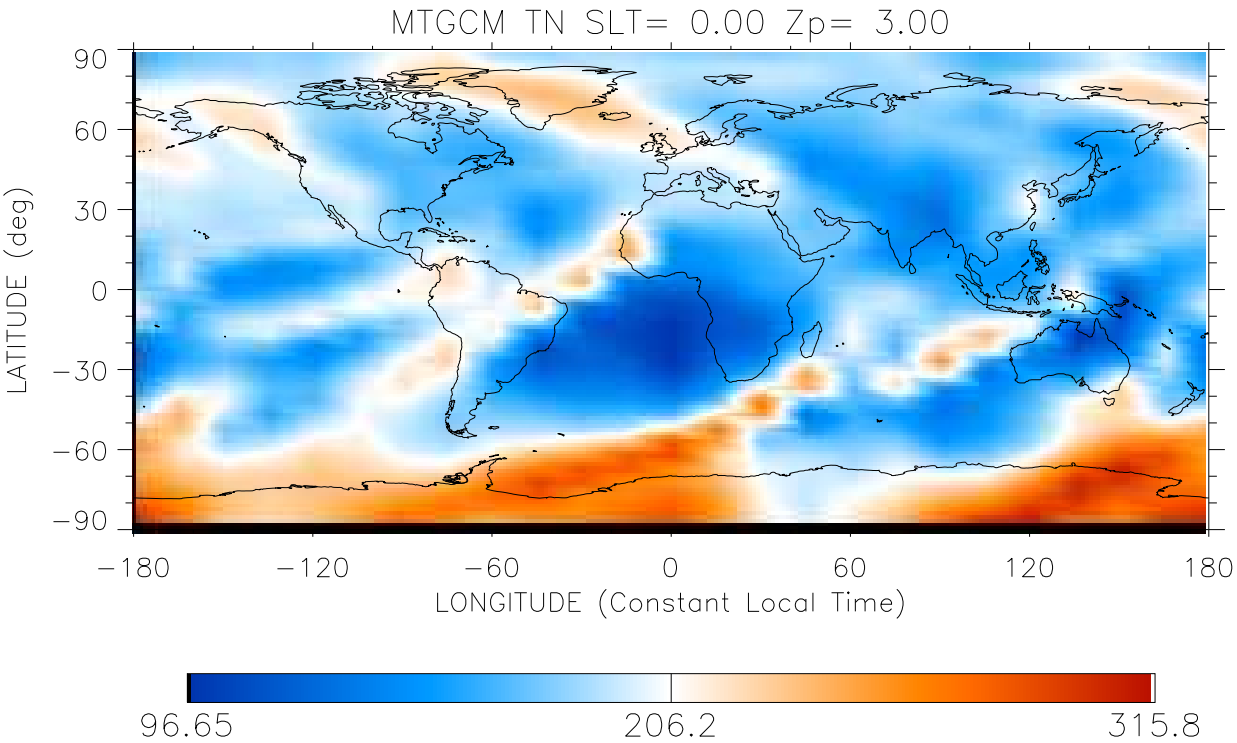
−60
0
60
120
180
LONGITUDE (Constant Local Time)
90.00
137.7
185.4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30
0
−30
−60
−90
LATITUDE (deg)
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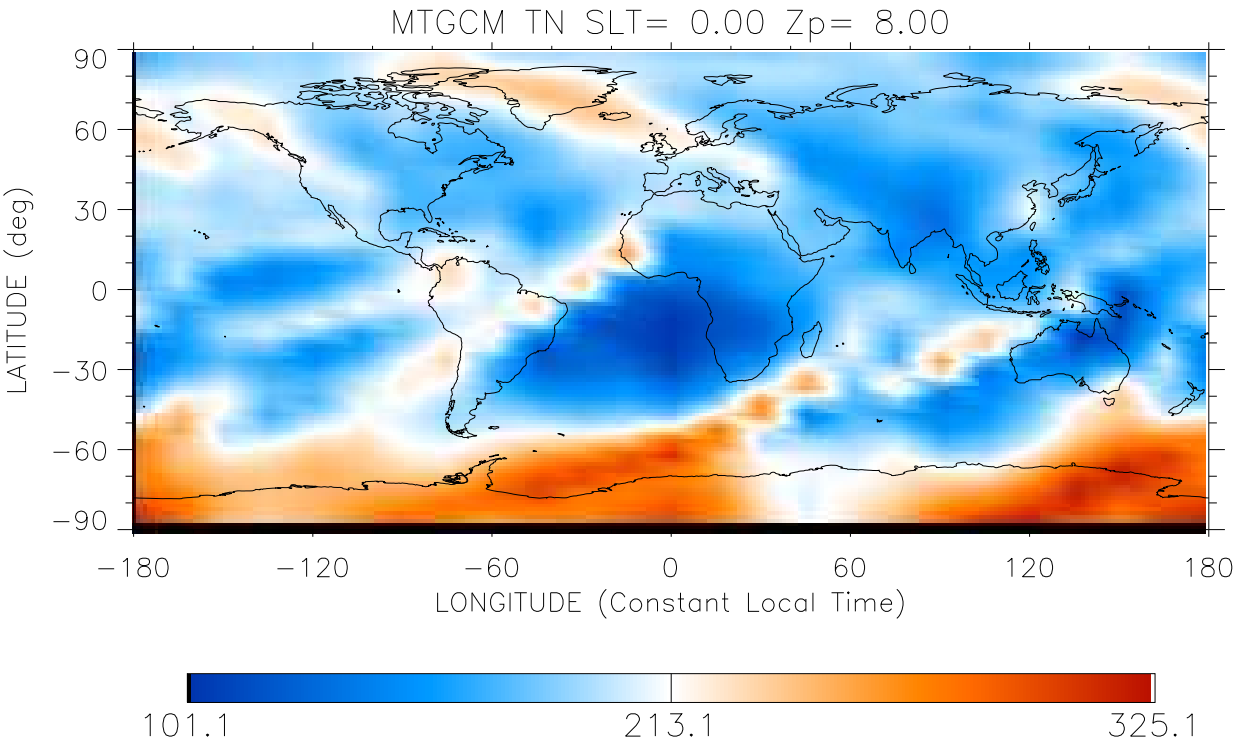
−120
−60
0
60
120
180
LONGITUDE (Constant Local Time)
96.65
206.2
315.8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30
0
−30
−60
−90
LATITUDE (deg)
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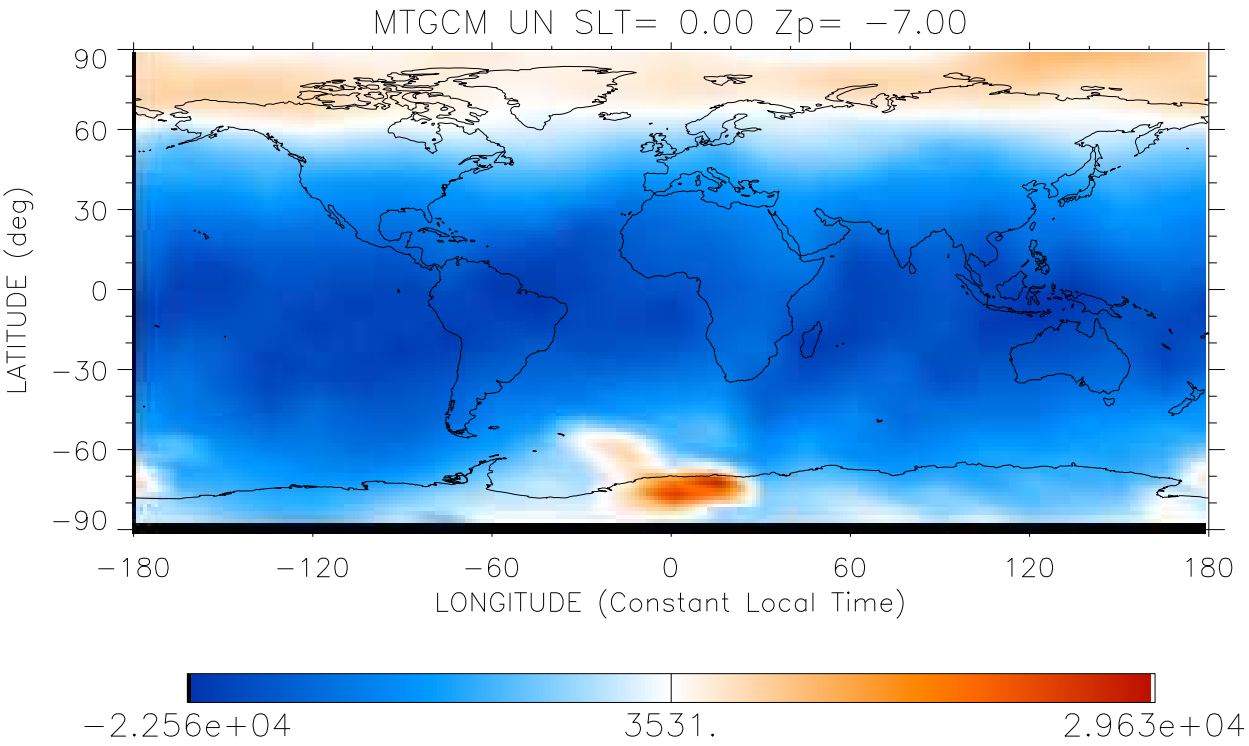
−120
−60
0
60
120
180
LONGITUDE (Constant Local Time)
101.1
213.1
325.1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60
30
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−30
−60
−90
LATITUDE (deg)
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−60
0
60
120
180
LONGITUDE (Constant Local Time)
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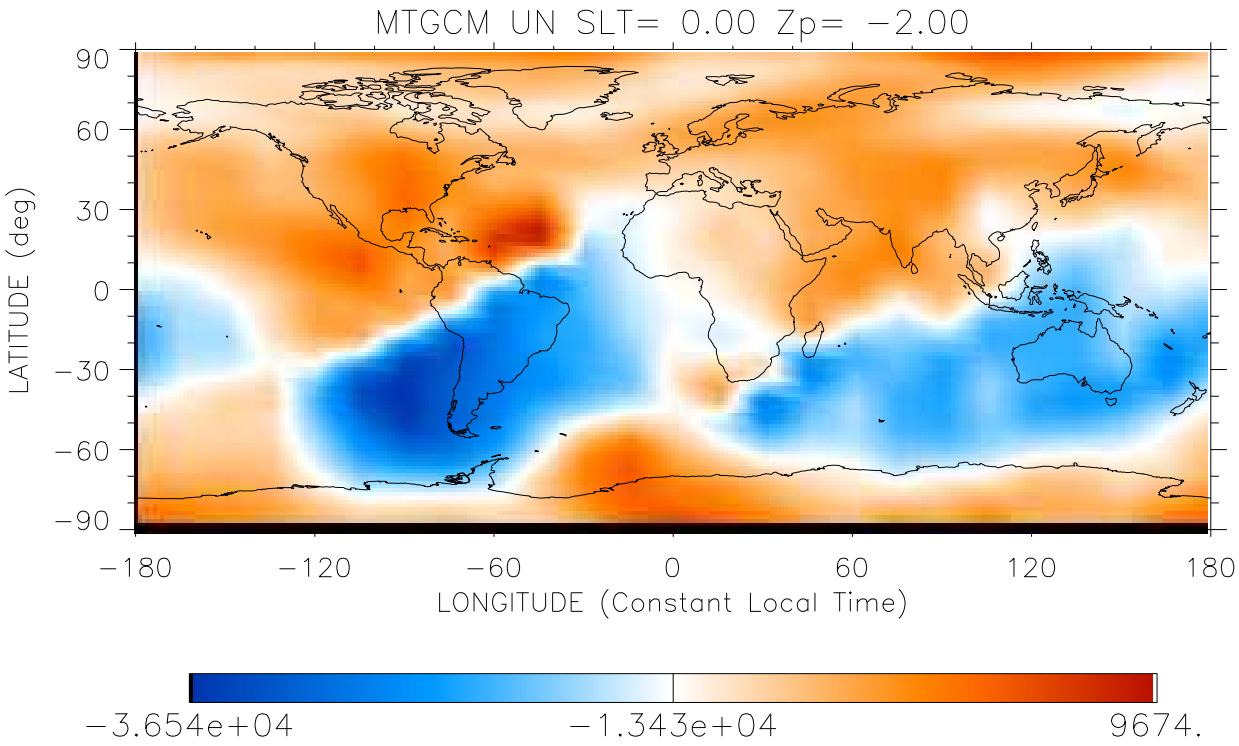
3531.
2.963e+04


MTGCM UN SLT= 0.00 Zp= −2.00
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30
0
−30
−60
−90
LATITUDE (deg)
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−60
0
60
120
180
LONGITUDE (Constant Local Time)
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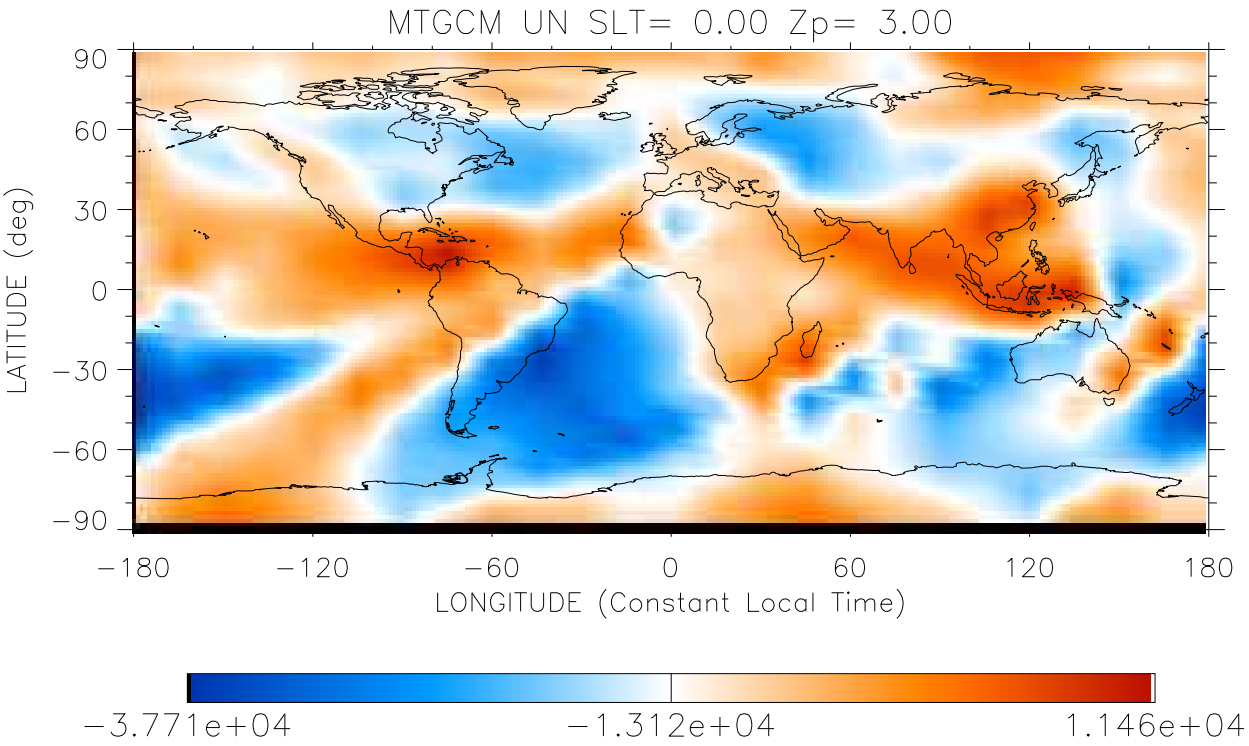
9674.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−30
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−90
LATITUDE (deg)
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0
60
120
180
LONGITUDE (Constant Local Time)
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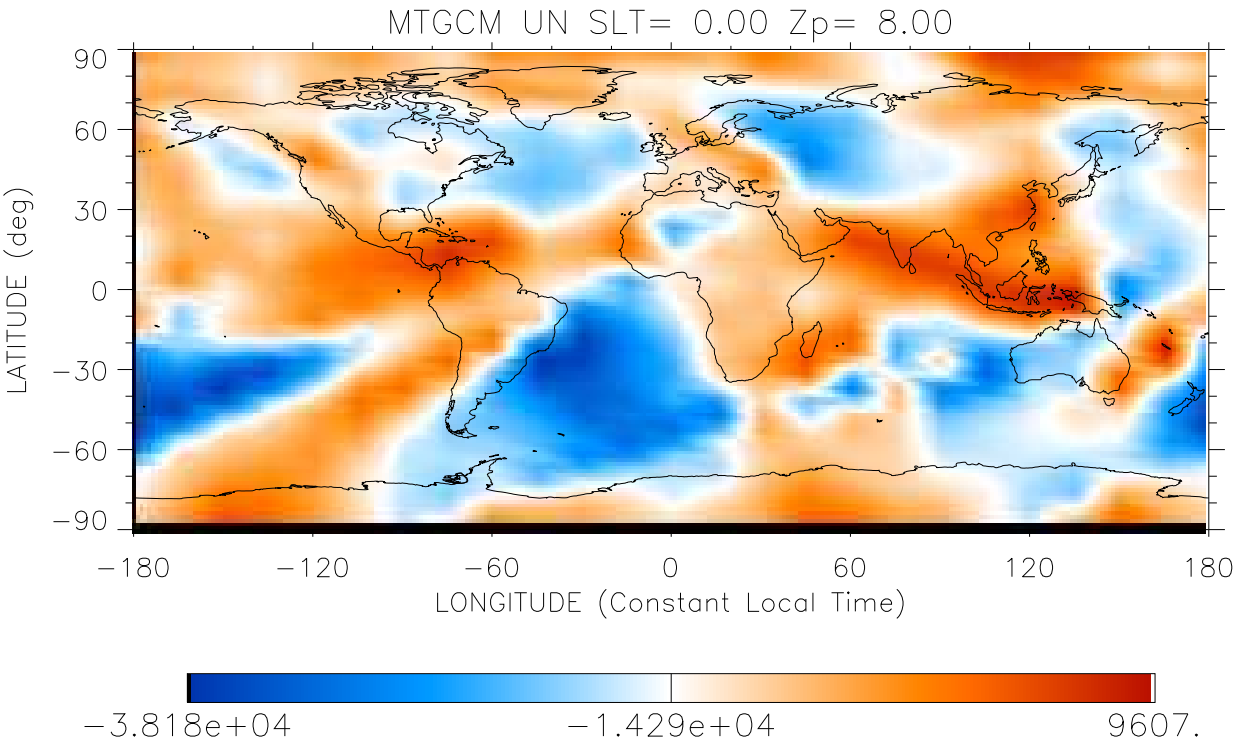
1.146e+04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30
0
−30
−60
−90
LATITUDE (deg)
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−60
0
60
120
180
LONGITUDE (Constant Local Time)
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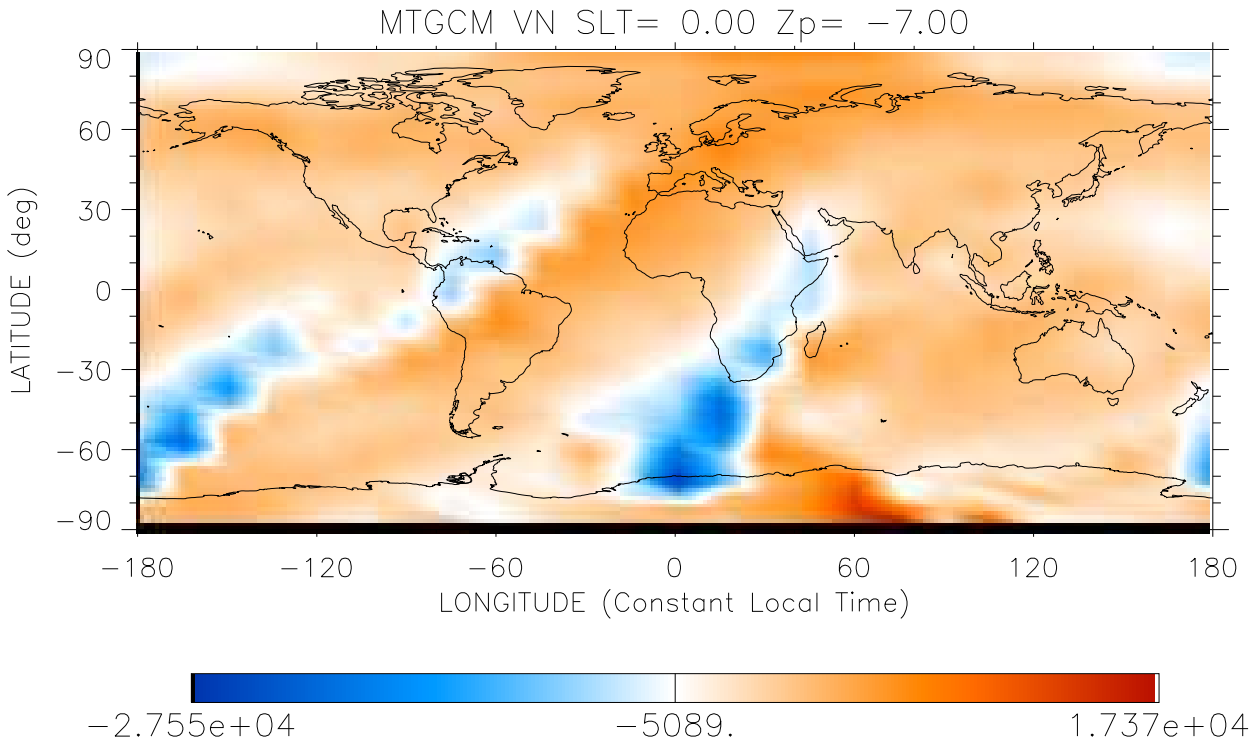
9607.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60
30
0
−30
−60
−90
LATITUDE (deg)
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−60
0
60
120
180
LONGITUDE (Constant Local Time)
−2.755e+04
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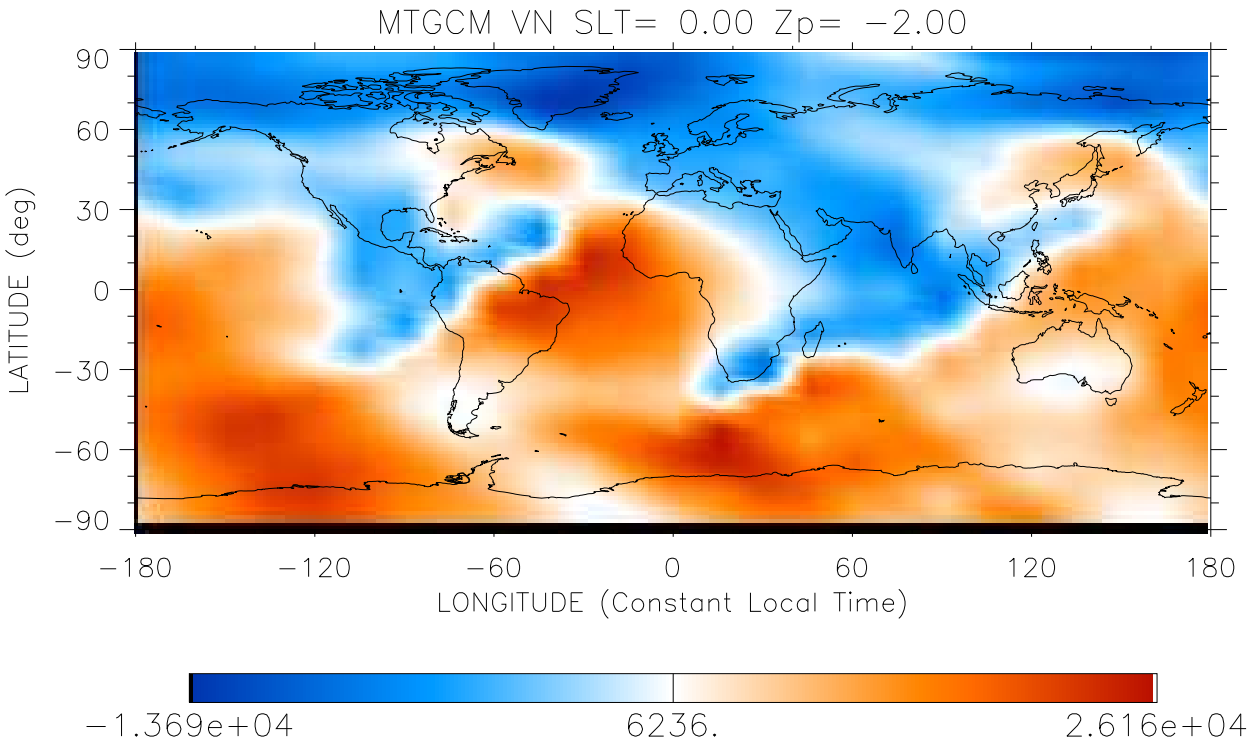
1.737e+04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60
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0
−30
−60
−90
LATITUDE (deg)
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−60
0
60
120
180
LONGITUDE (Constant Local Time)
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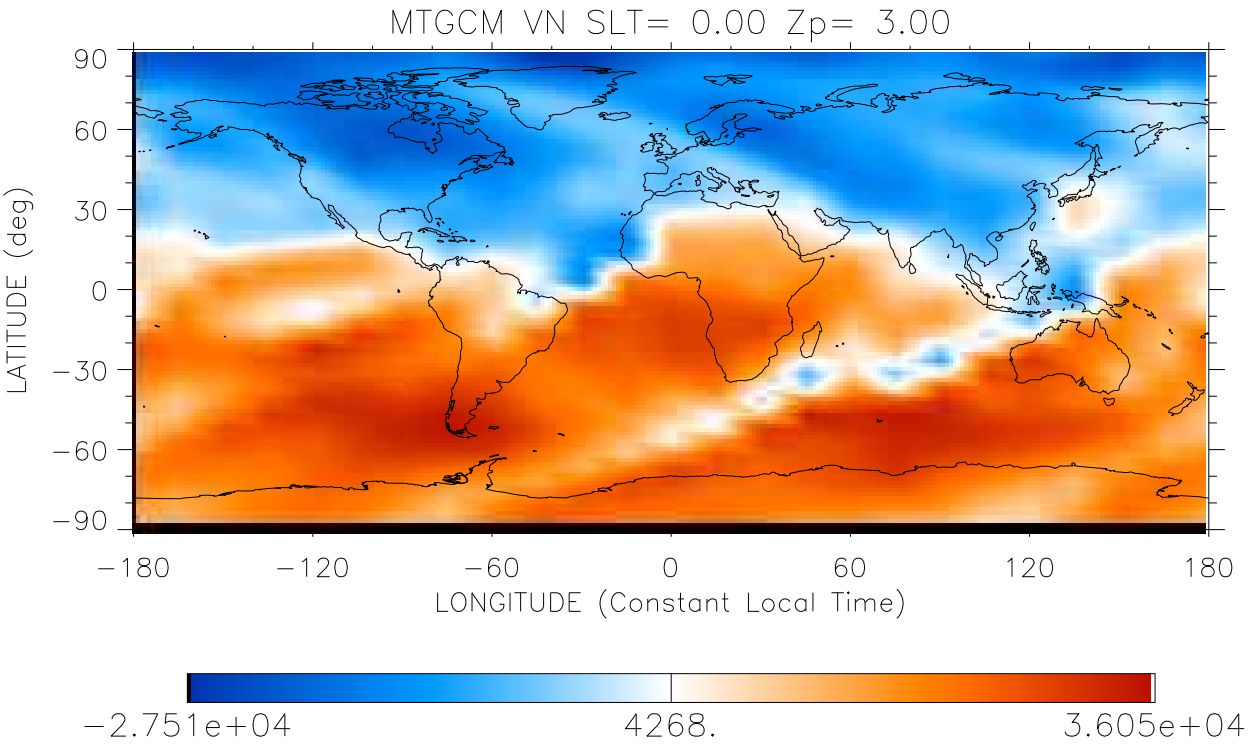
6236.
2.616e+04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60
30
0
−30
−60
−90
LATITUDE (deg)
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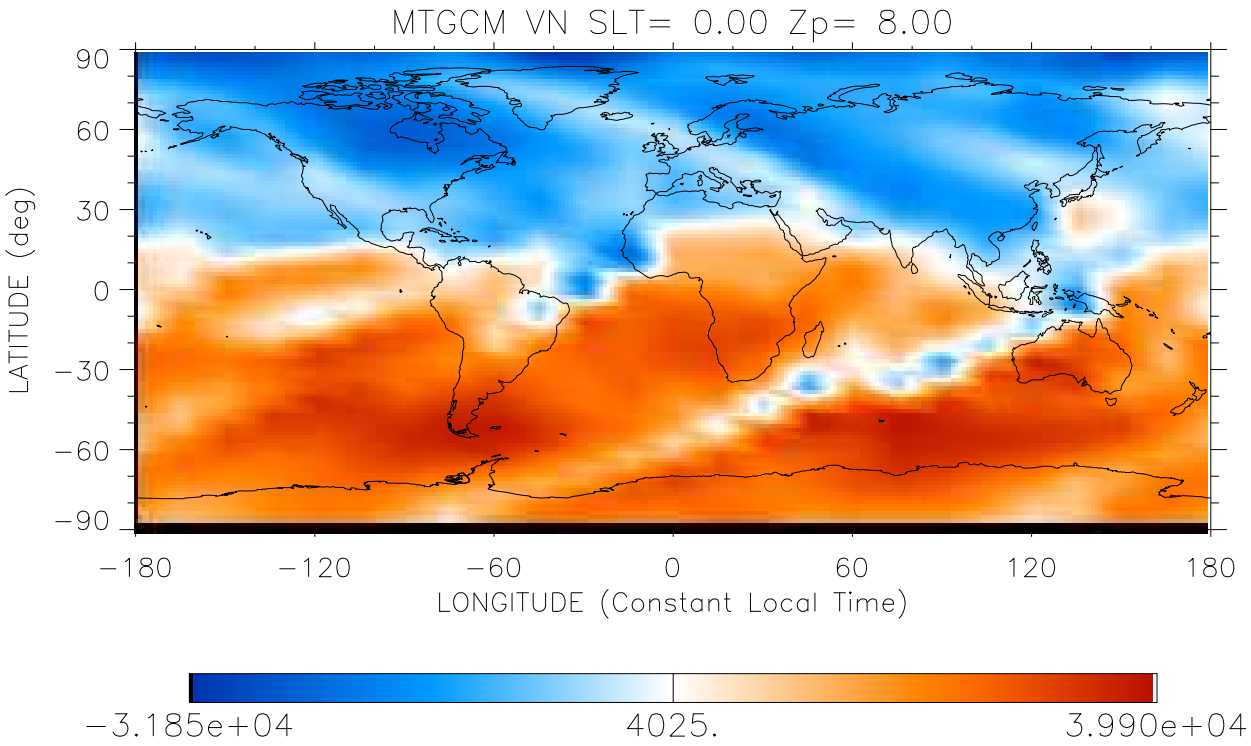
−60
0
60
120
180
LONGITUDE (Constant Local Time)
−2.751e+04
4268.
3.605e+04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30
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−30
−60
−90
LATITUDE (deg)
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60
120
180
LONGITUDE (Constant Local Time)
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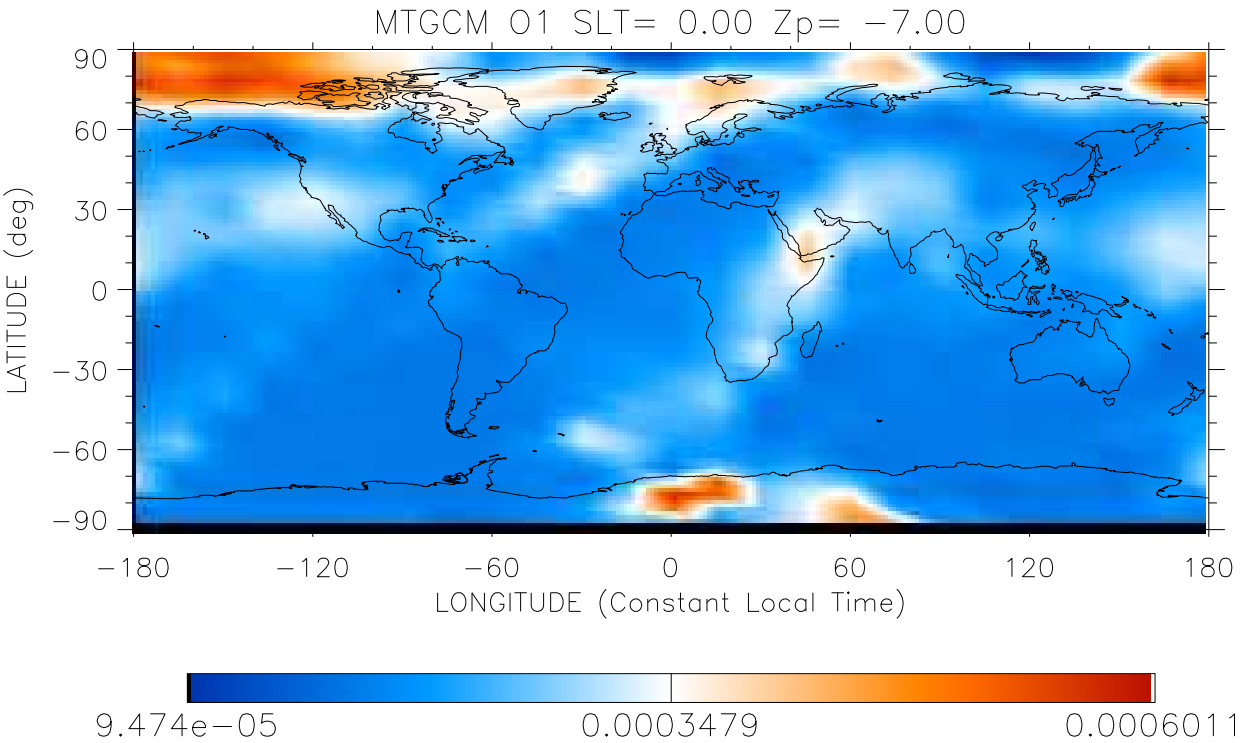
4025.
3.990e+04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−30
−60
−90
LATITUDE (deg)
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0
60
120
180
LONGITUDE (Constant Local Time)
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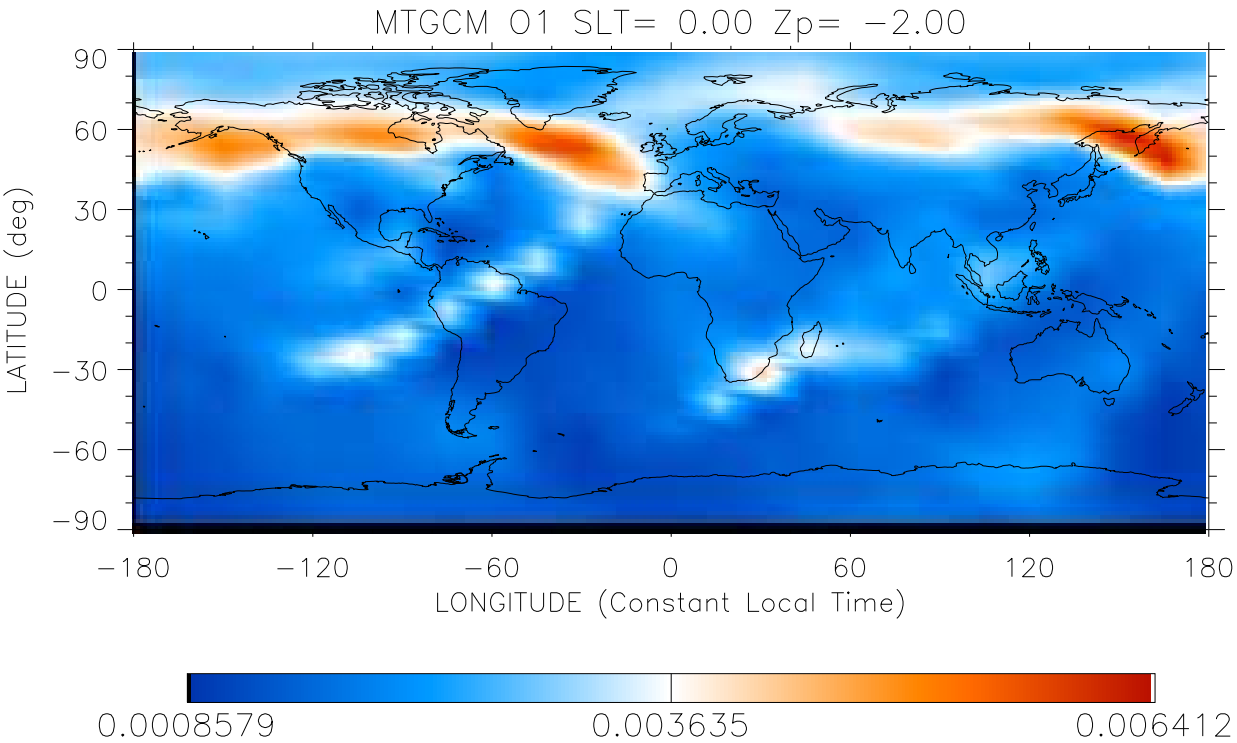
0.0006011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60
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0
−30
−60
−90
LATITUDE (deg)
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−60
0
60
120
180
LONGITUDE (Constant Local Time)
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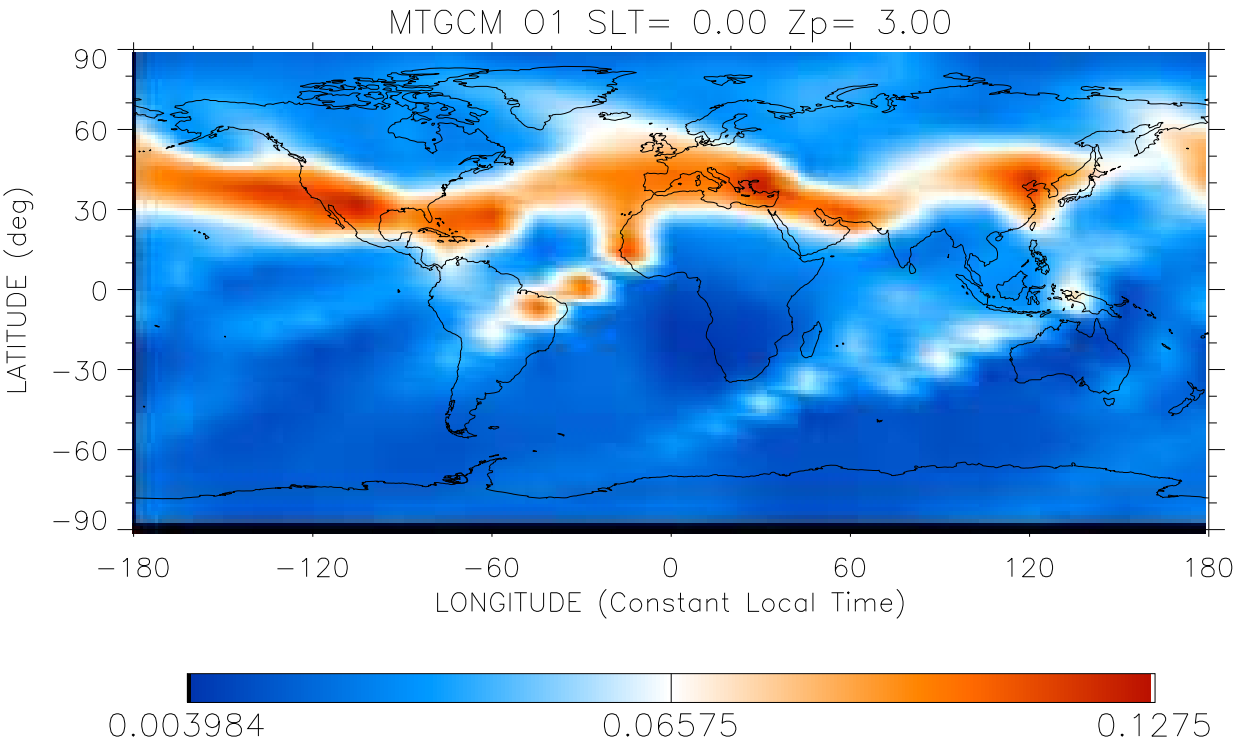
0.003635
0.006412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60
30
0
−30
−60
−90
LATITUDE (deg)
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−120
−60
0
60
120
180
LONGITUDE (Constant Local Time)
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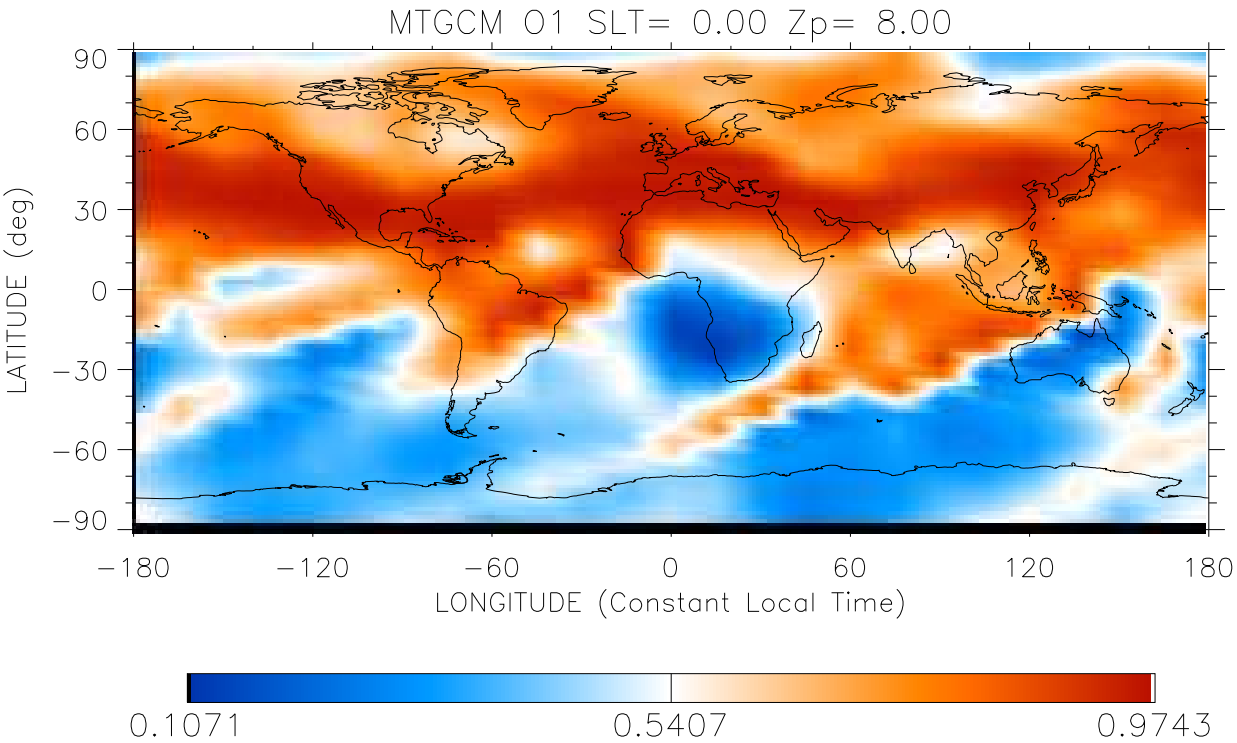
0.06575
0.1275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60
30
0
−30
−60
−90
LATITUDE (deg)
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−60
0
60
120
180
LONGITUDE (Constant Local Time)
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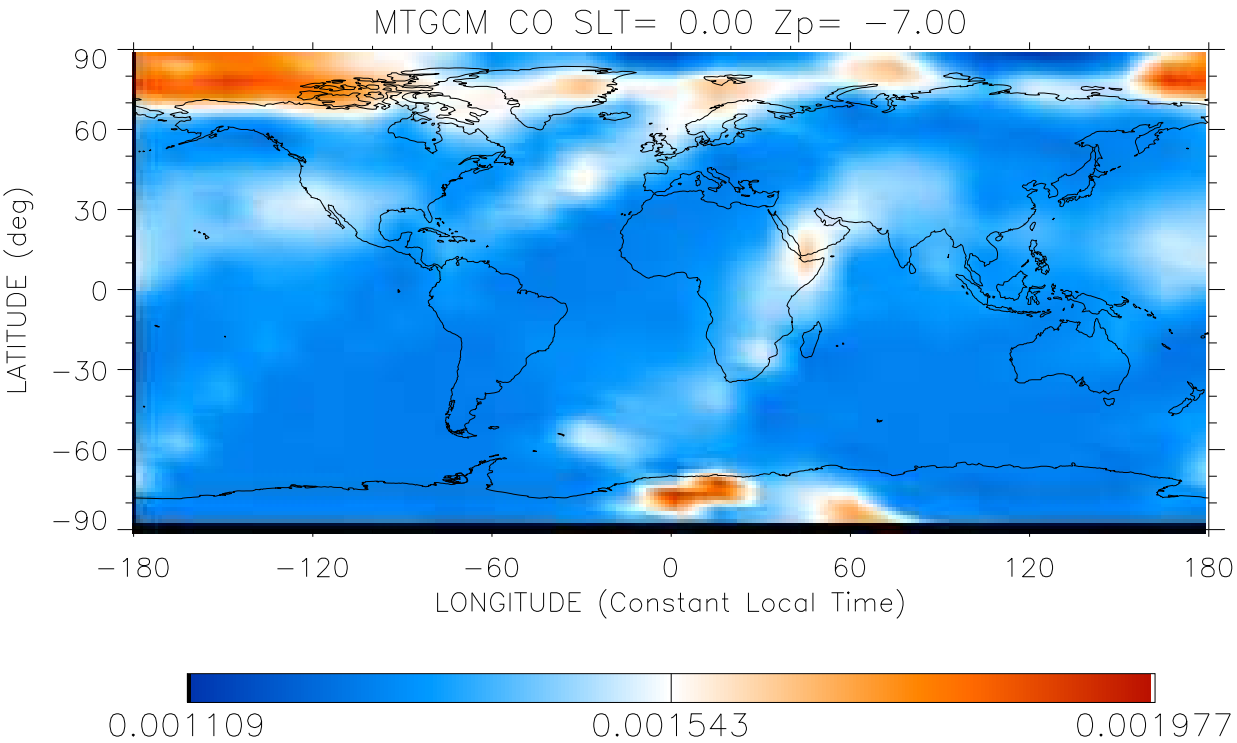
0.5407
0.9743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−30
−60
−90
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−60
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60
120
180
LONGITUDE (Constant Local Time)
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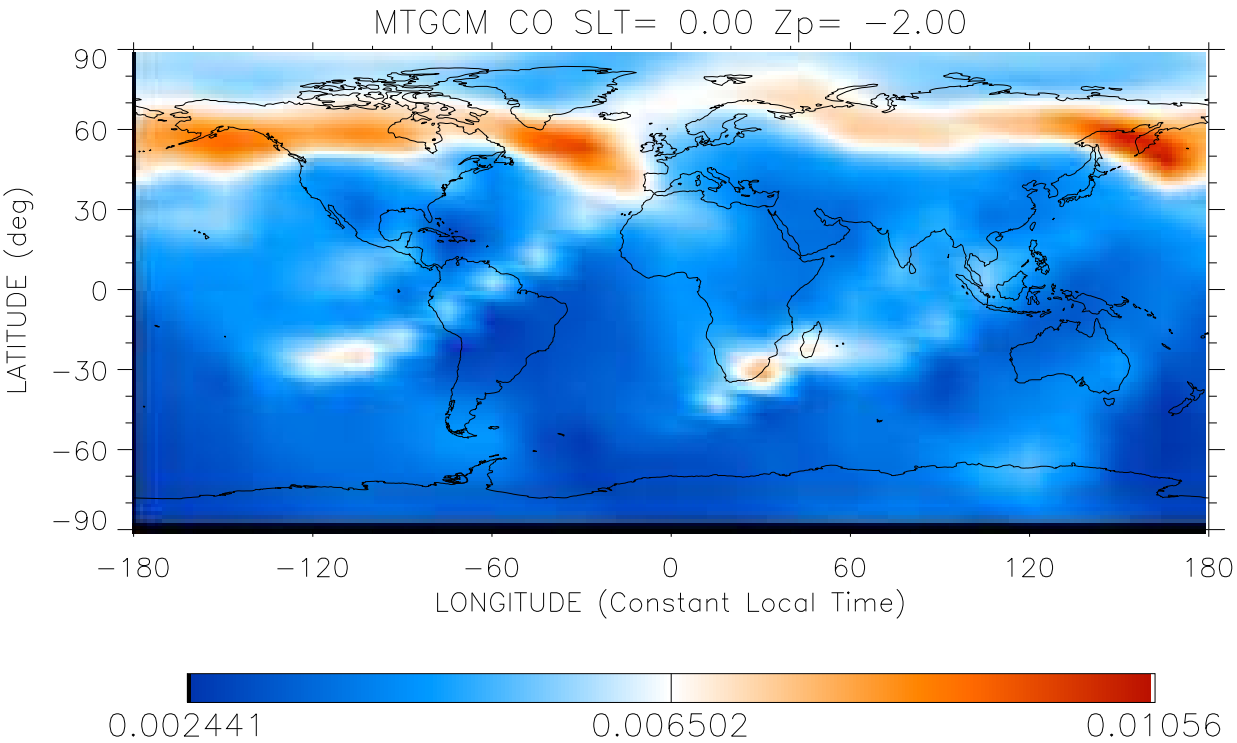
0.001543
0.001977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60
30
0
−30
−60
−90
LATITUDE (deg)
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60
120
180
LONGITUDE (Constant Local Time)
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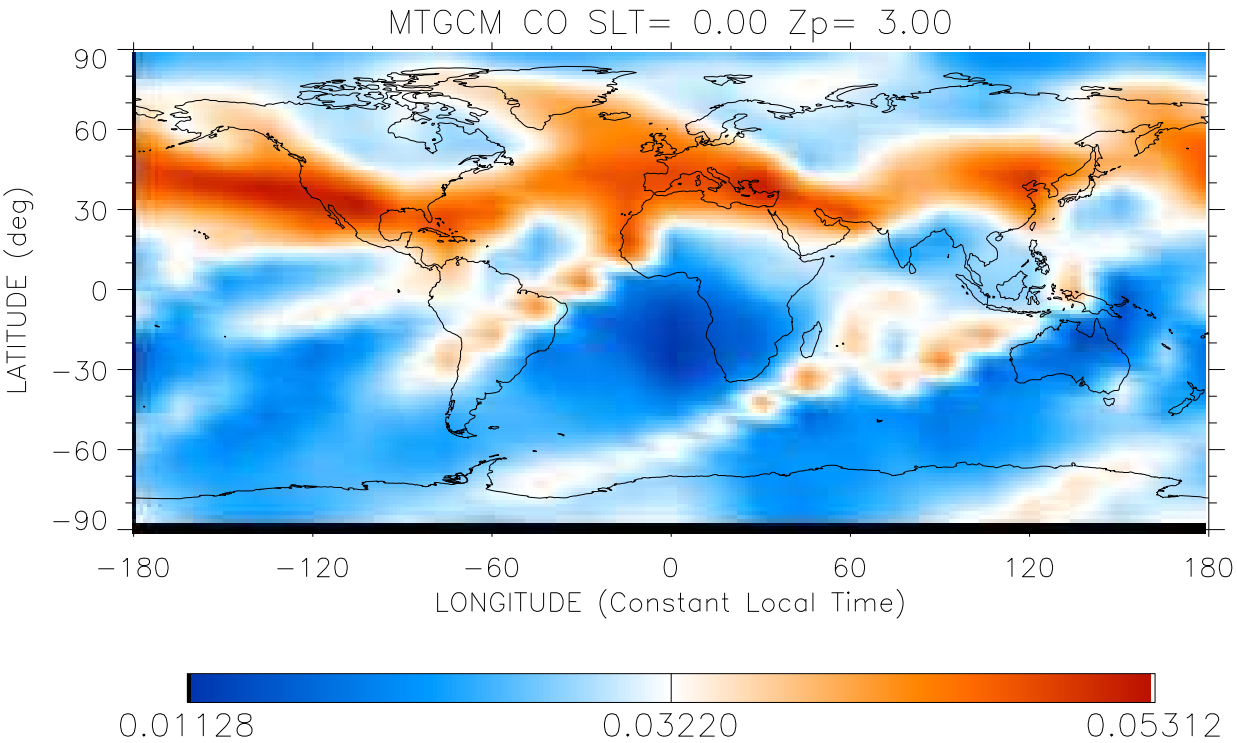
MTGCM CO SLT= 0.00 Zp= 3.00
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60
30
0
−30
−60
−90
LATITUDE (deg)
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60
120
180
LONGITUDE (Constant Local Time)
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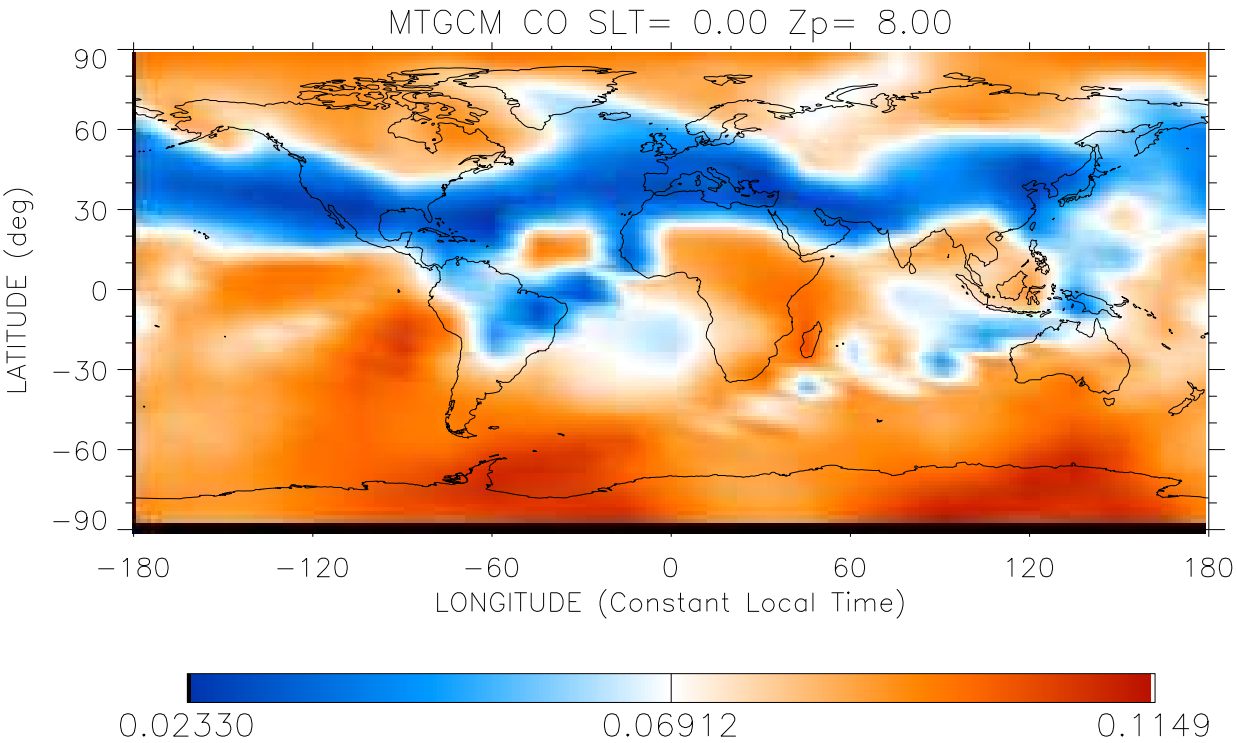
0.03220
0.05312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30
0
−30
−60
−90
LATITUDE (deg)
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60
120
180
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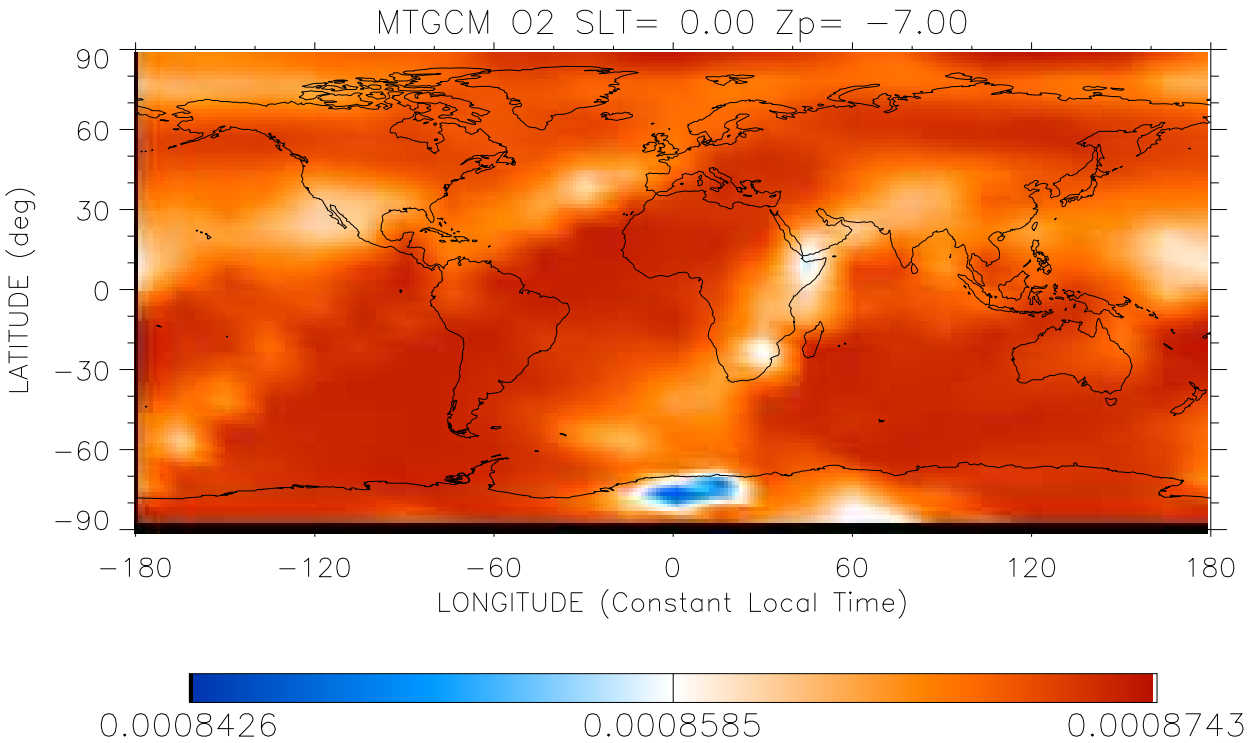
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−60
−90
LATITUDE (deg)
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0
60
120
180
LONGITUDE (Constant Local Time)
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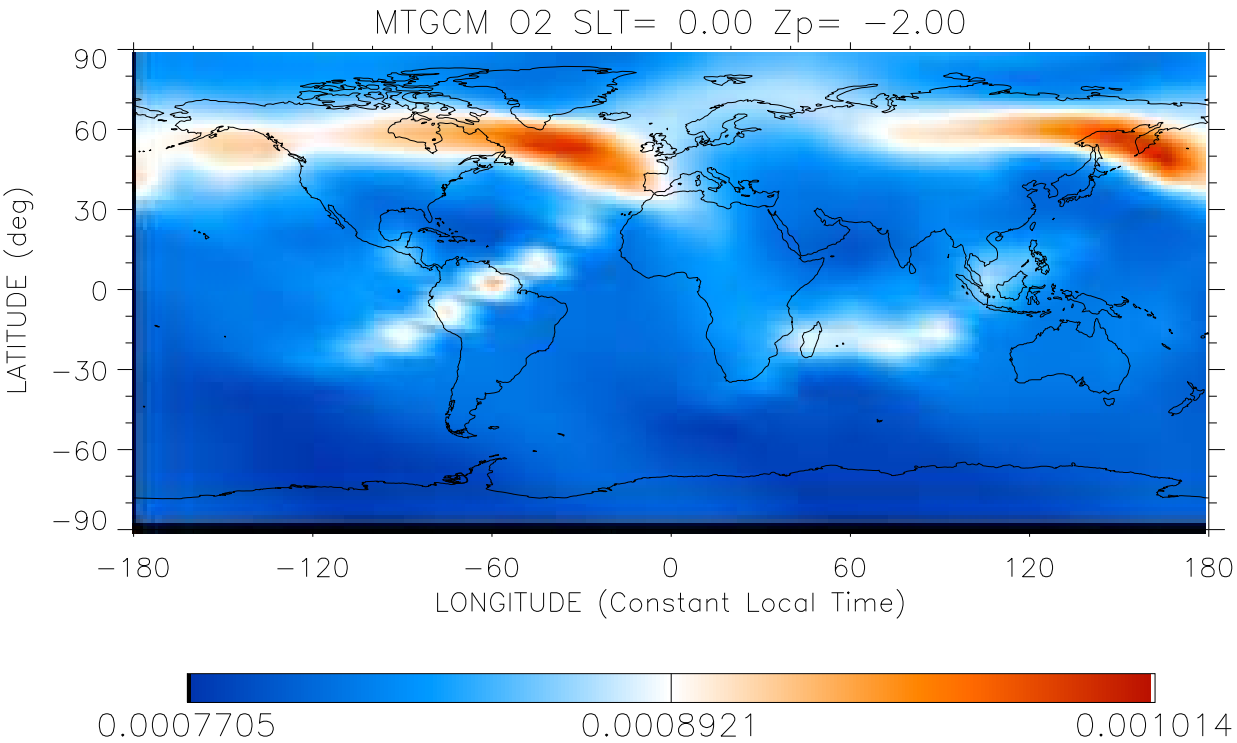
MTGCM O2 SLT= 0.00 Zp= −2.00
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−30
−60
−90
LATITUDE (deg)
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60
120
180
LONGITUDE (Constant Local Time)
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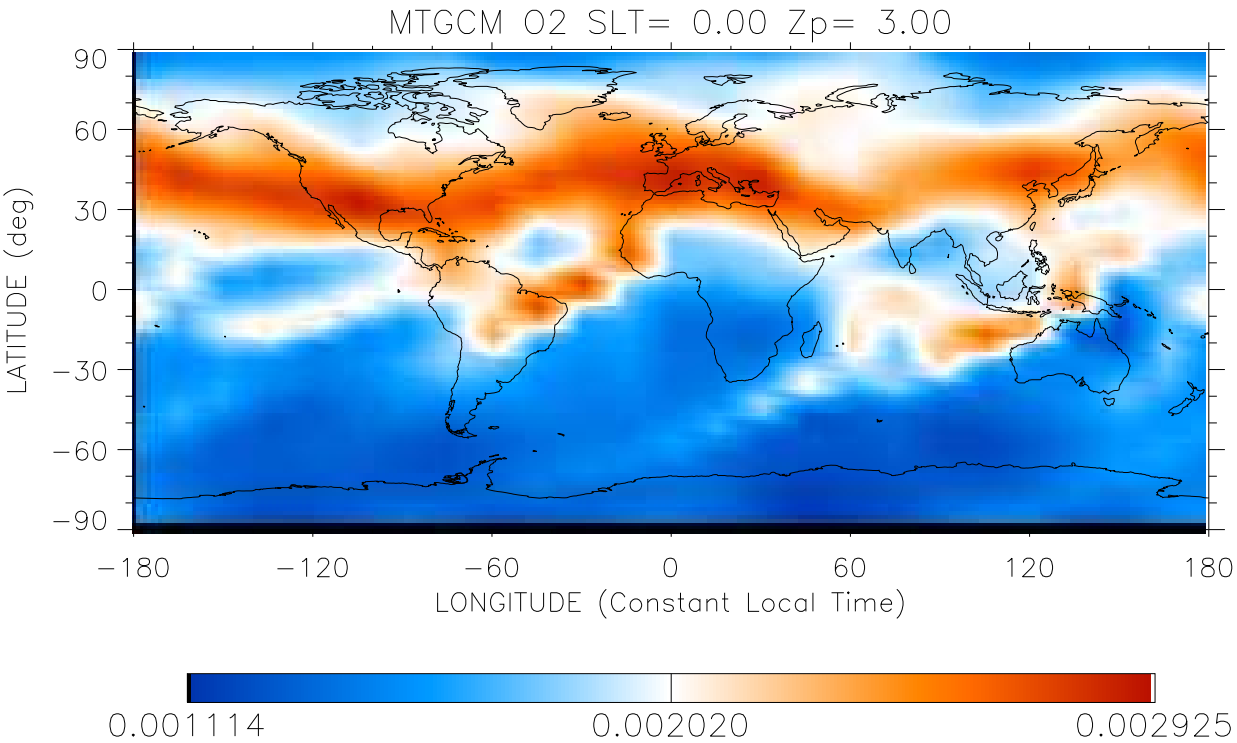
0.001014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30
0
−30
−60
−90
LATITUDE (deg)
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−60
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60
120
180
LONGITUDE (Constant Local Time)
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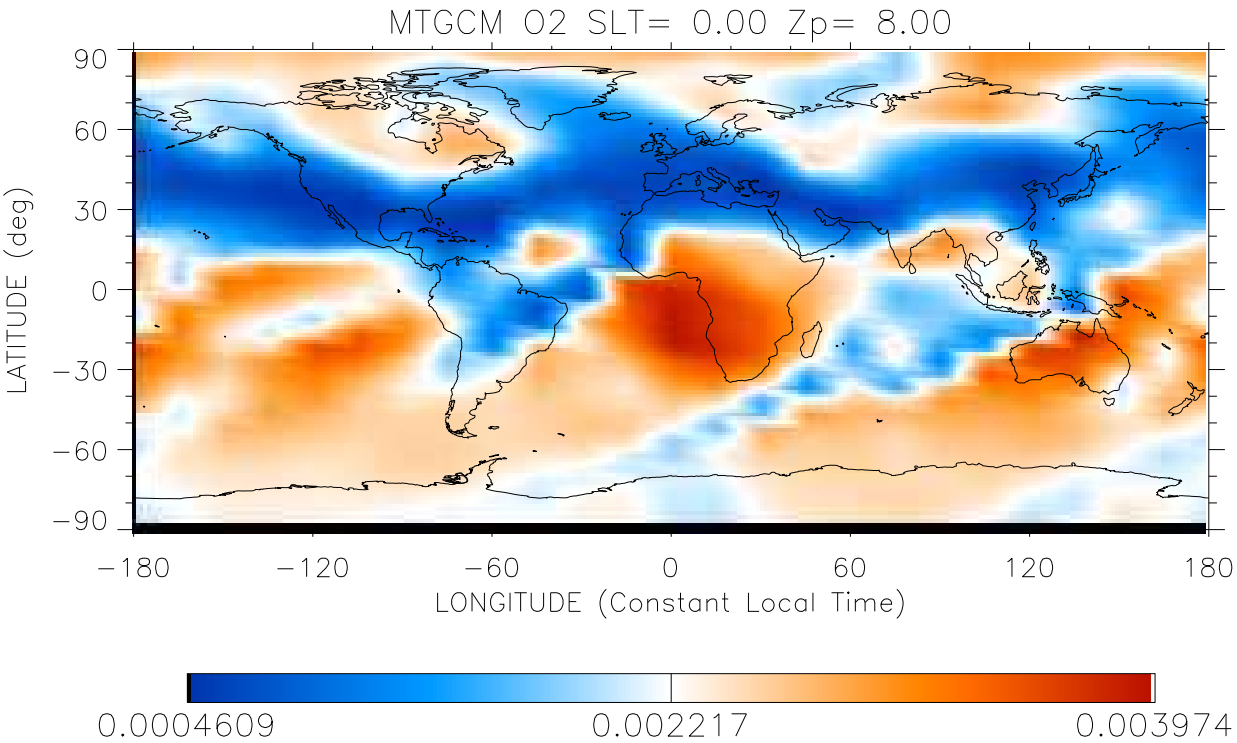
0.002020
0.002925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0
−30
−60
−90
LATITUDE (deg)
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−60
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60
120
180
LONGITUDE (Constant Local Time)
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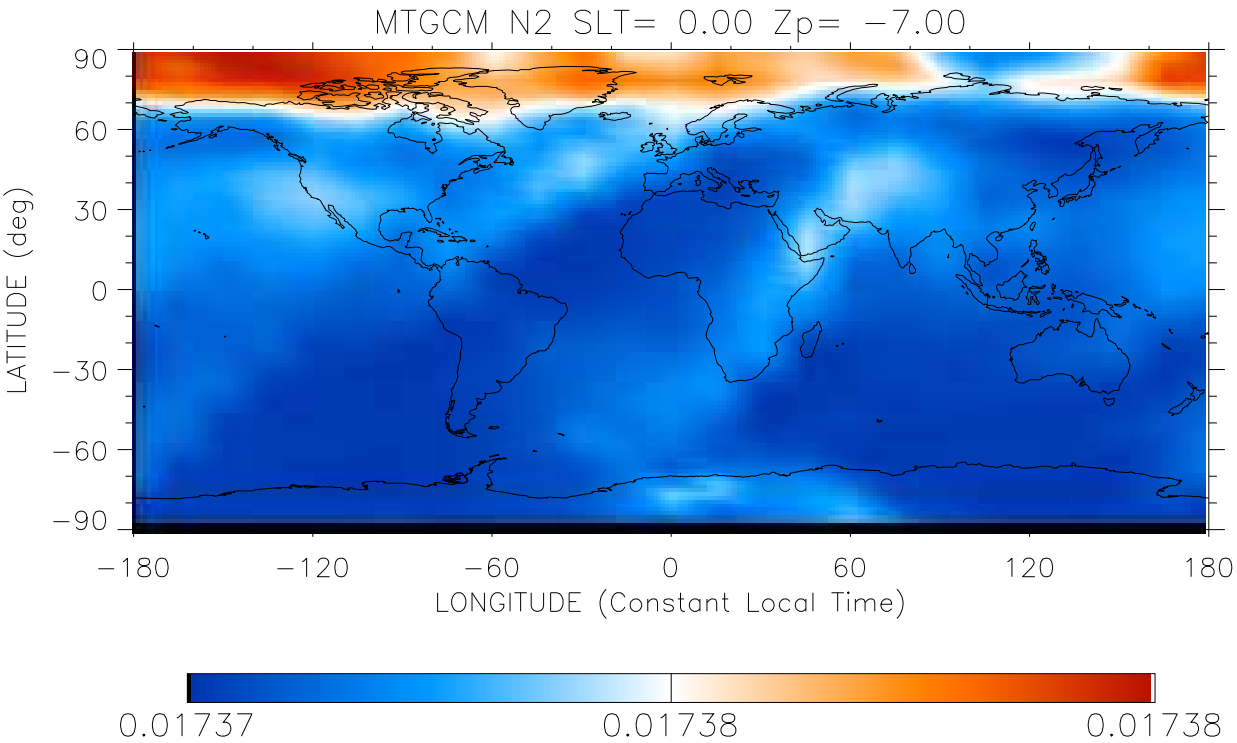
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60
30
0
−30
−60
−90
LATITUDE (deg)
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−120
−60
0
60
120
180
LONGITUDE (Constant Local Time)
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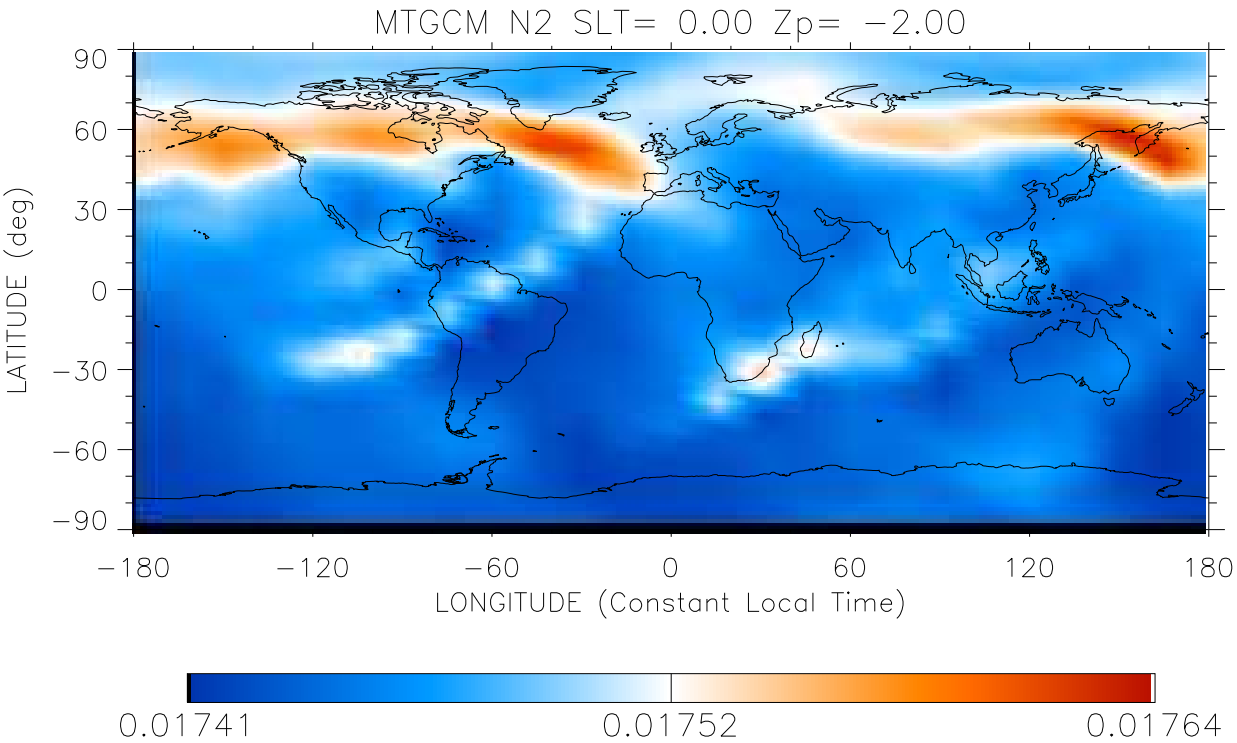
0.01738
0.01738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30
0
−30
−60
−90
LATITUDE (deg)
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−120
−60
0
60
120
180
LONGITUDE (Constant Local Time)
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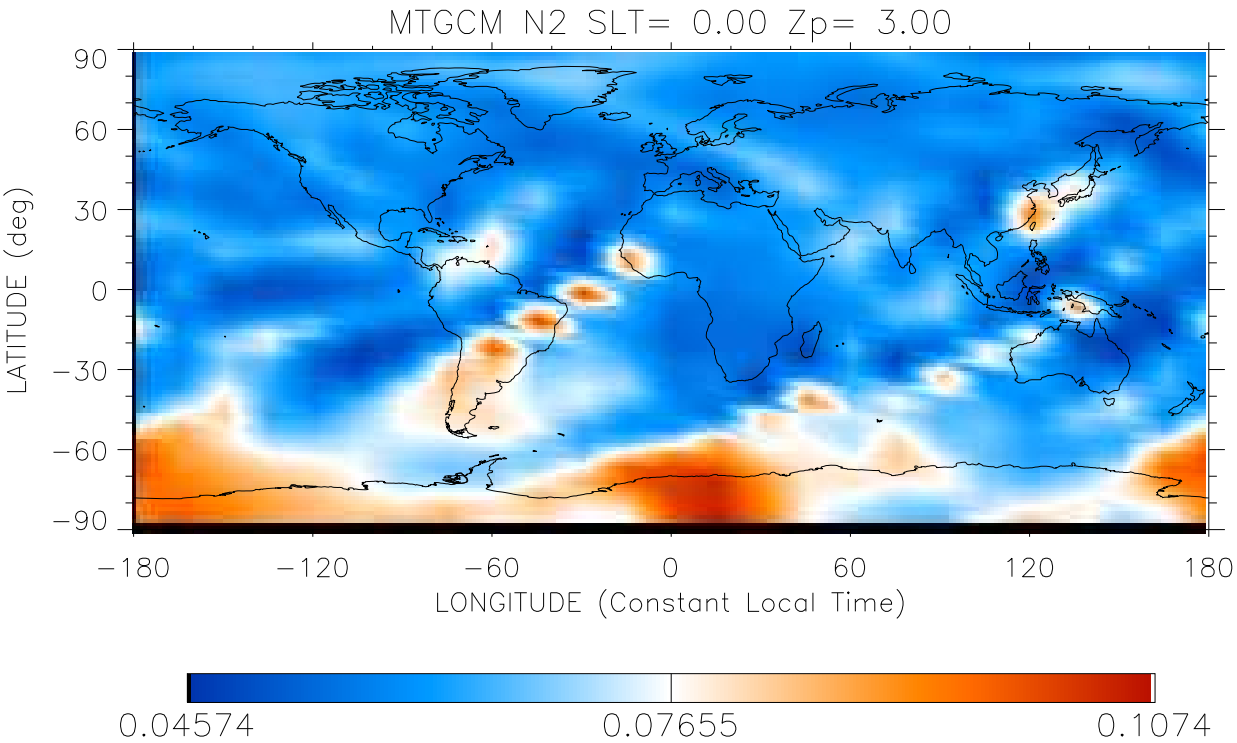
0.01752
0.01764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30
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−30
−60
−90
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−60
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60
120
180
LONGITUDE (Constant Local Time)
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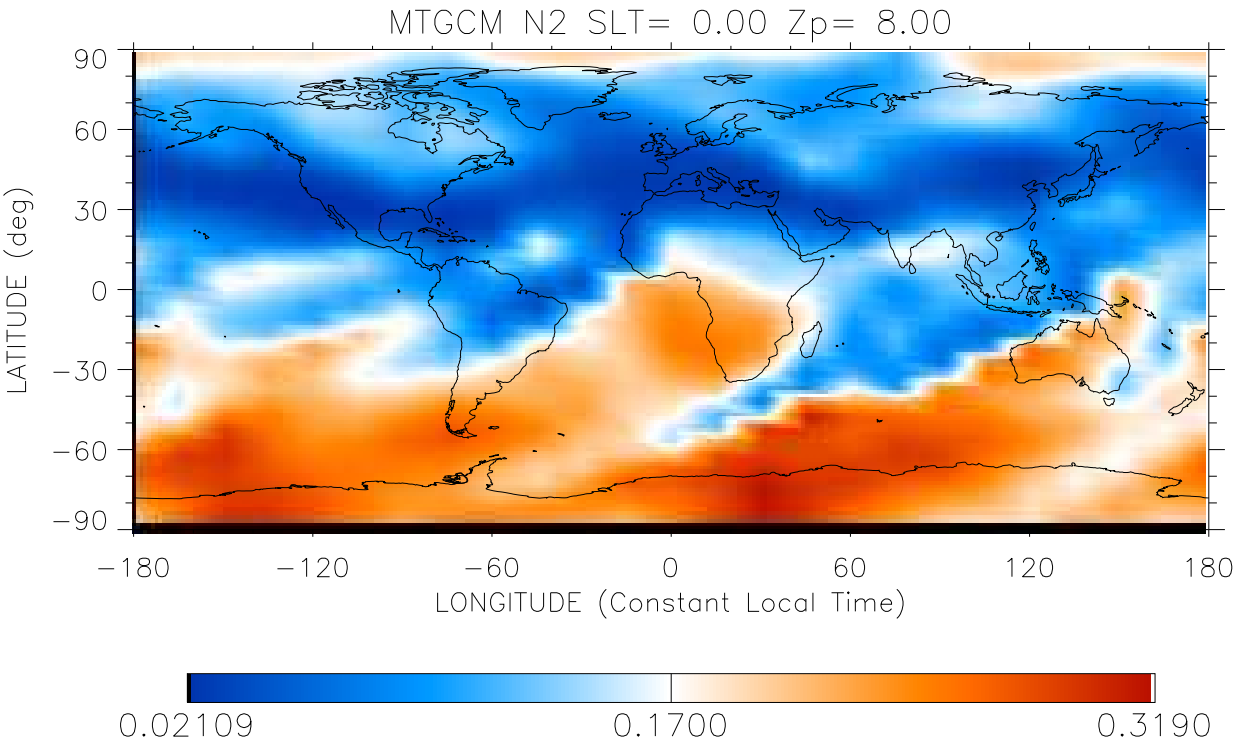
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0
−30
−60
−90
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60
120
180
LONGITUDE (Constant Local Time)
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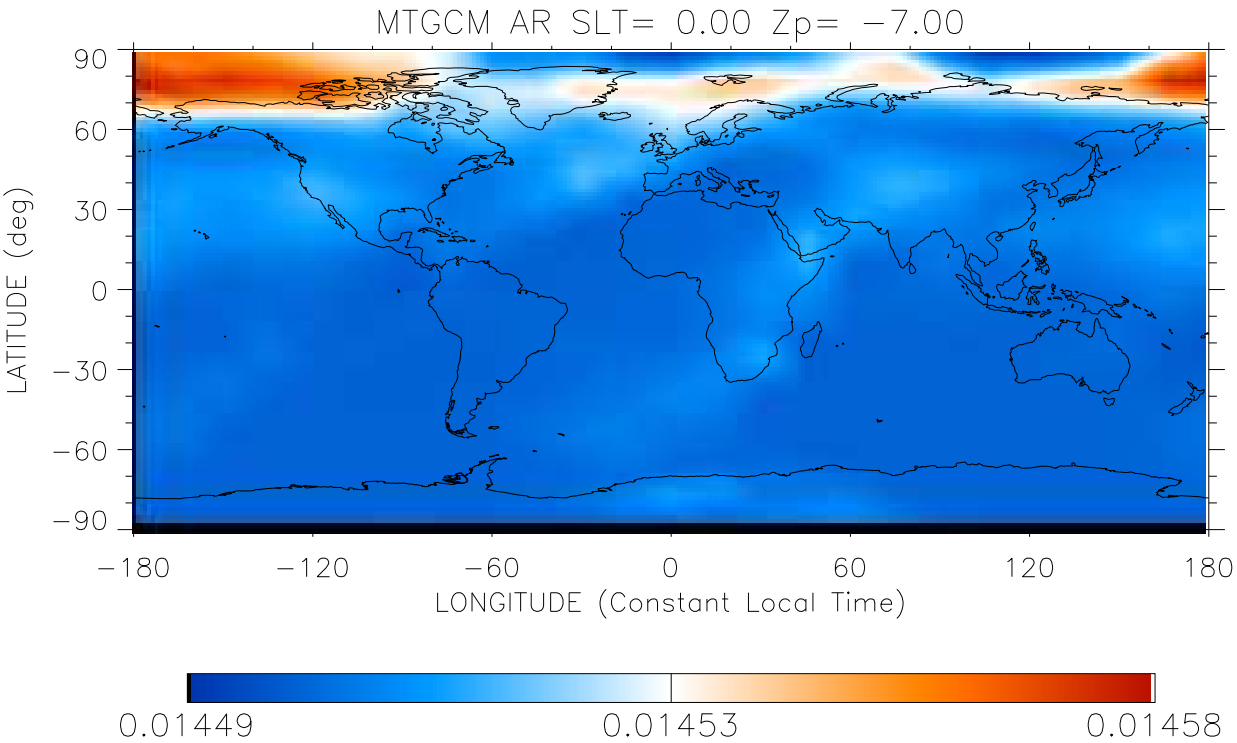
0.1700
0.3190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60
30
0
−30
−60
−90
LATITUDE (deg)
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−60
0
60
120
180
LONGITUDE (Constant Local Time)
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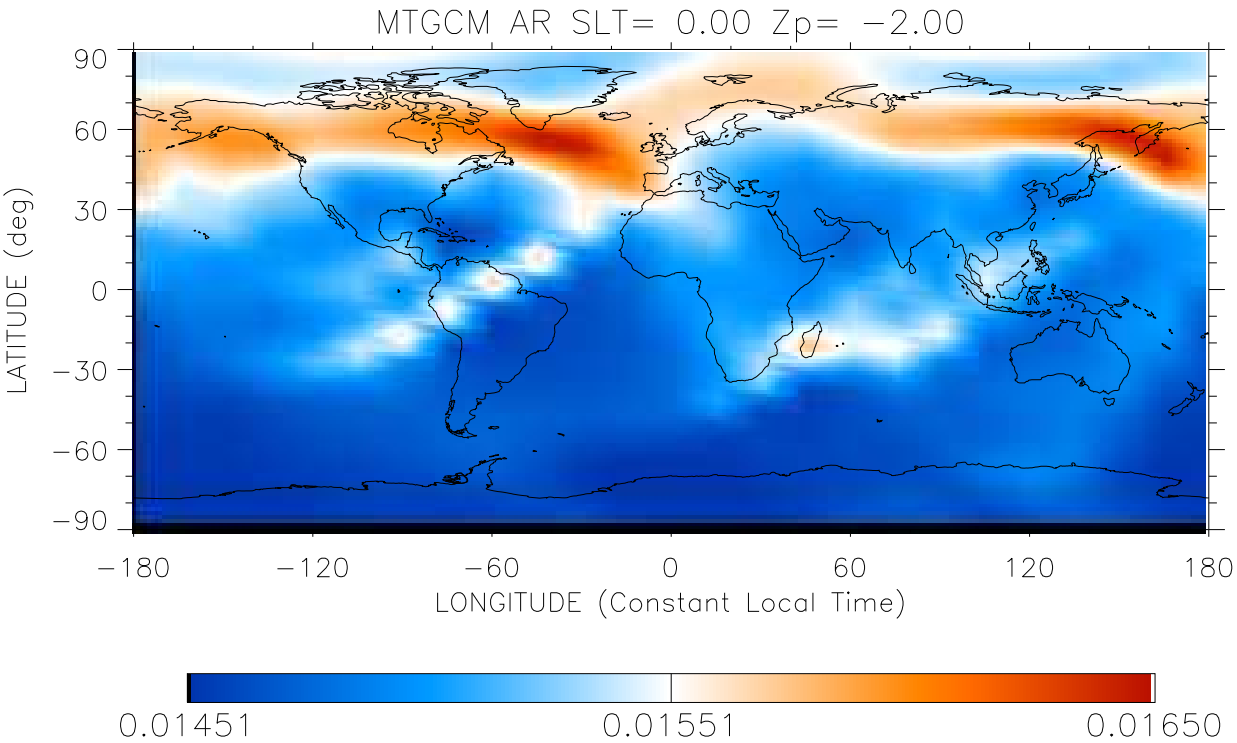
0.01453
0.01458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60
30
0
−30
−60
−90
LATITUDE (deg)
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−60
0
60
120
180
LONGITUDE (Constant Local Time)
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0.01551
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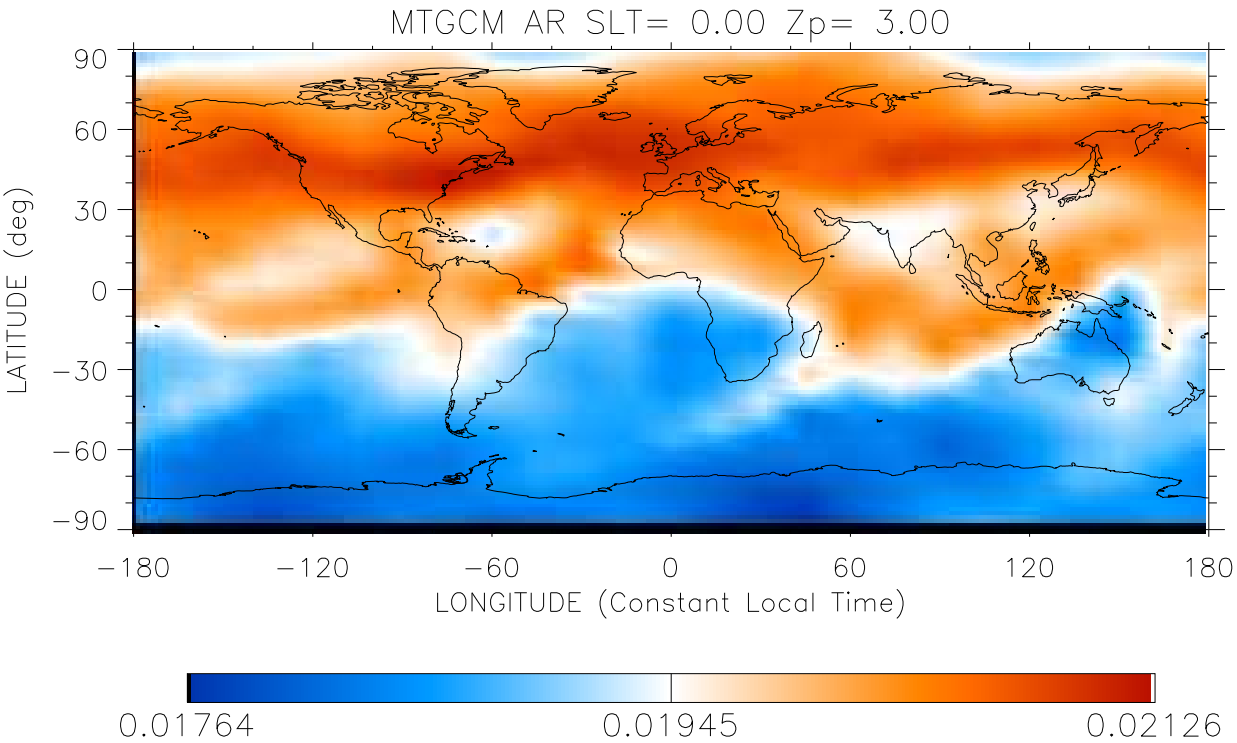
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30
0
−30
−60
−90
LATITUDE (deg)
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−60
0
60
120
180
LONGITUDE (Constant Local Time)
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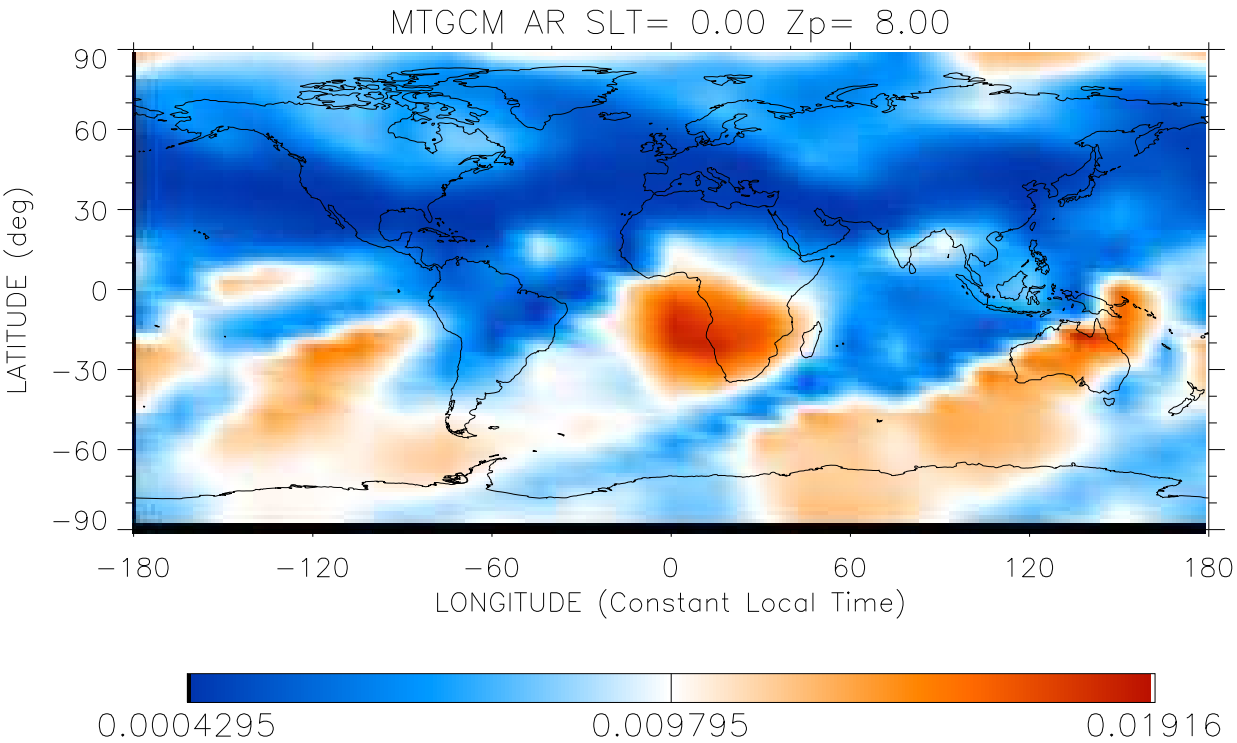
0.02126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30
0
−30
−60
−90
LATITUDE (deg)
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−60
0
60
120
180
LONGITUDE (Constant Local Time)
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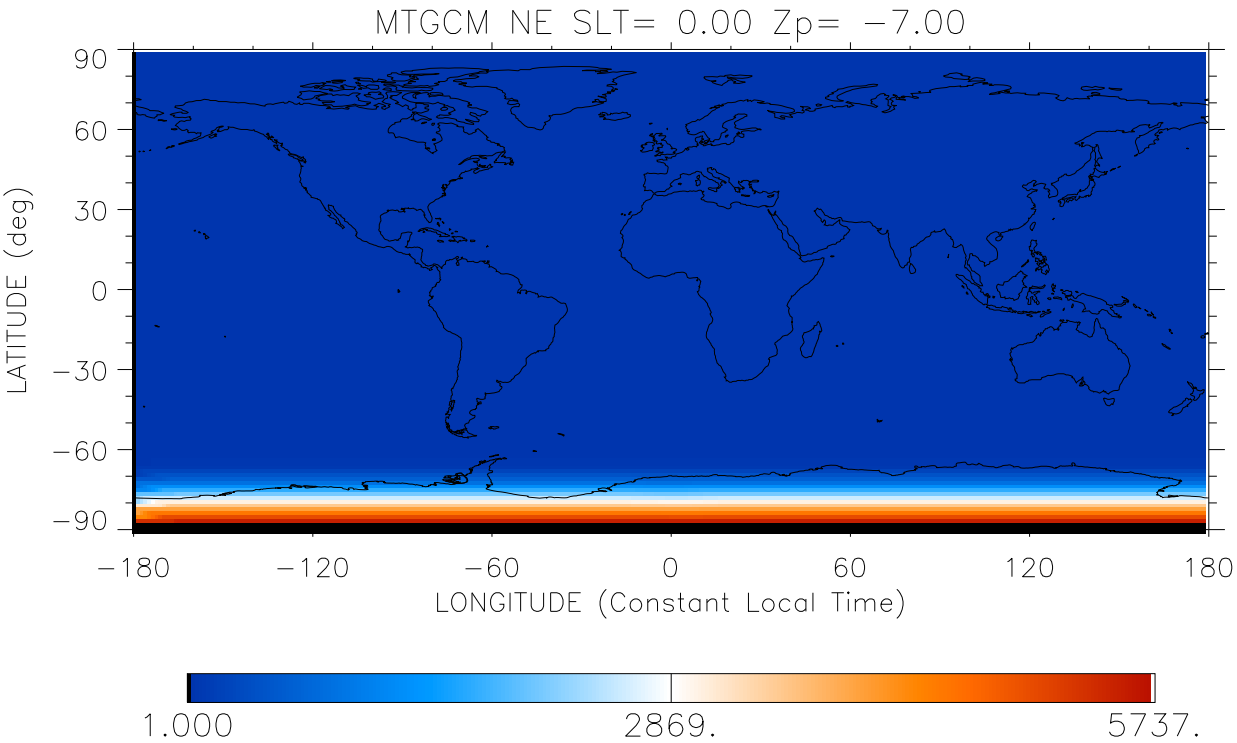
0.009795
0.01916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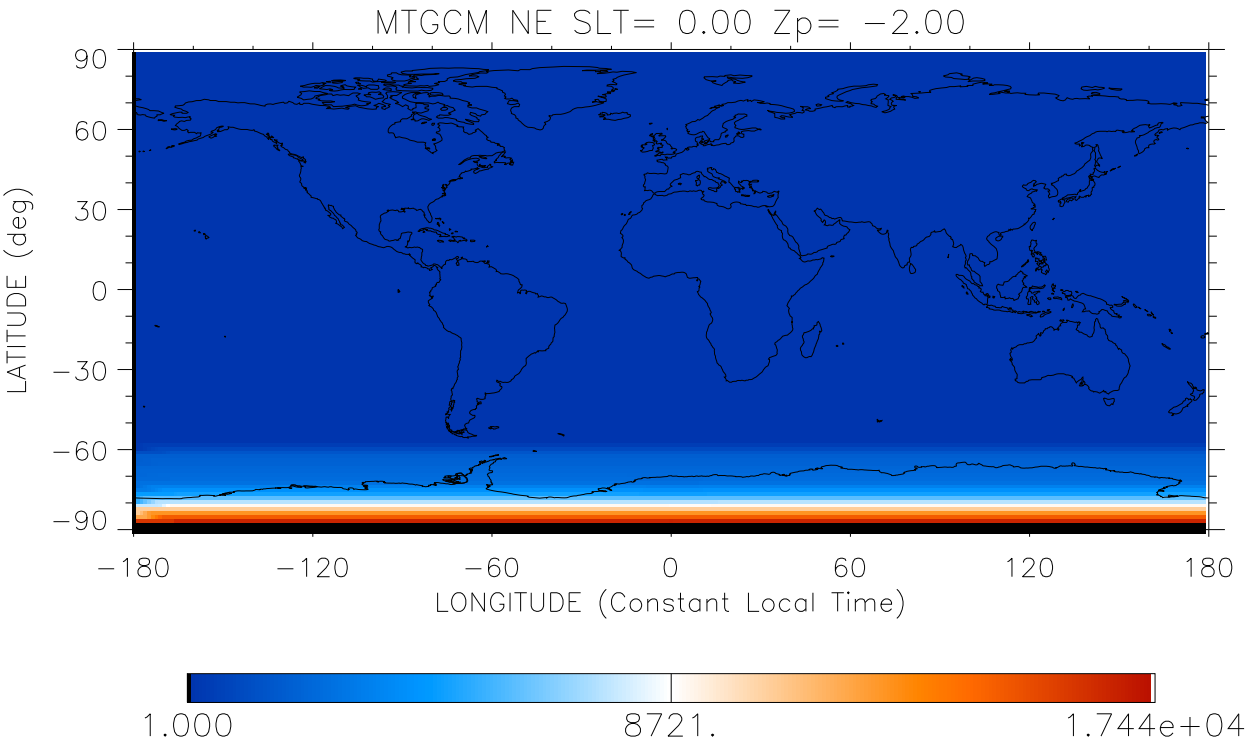
30
0
−30
−60
−90
LATITUDE (deg)
−180
−120
−60
0
60
120
180
LONGITUDE (Constant Local Time)
1.000
2869.
5737.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60
30
0
−30
−60
−90
LATITUDE (deg)
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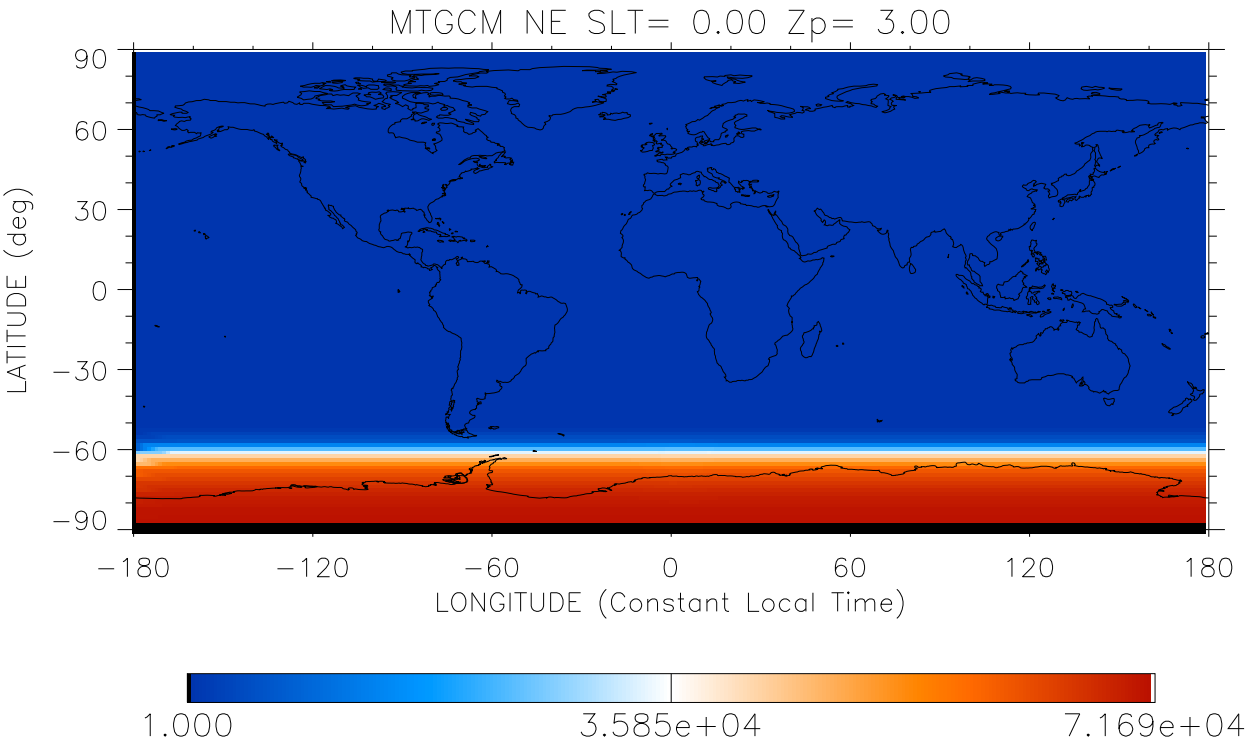
−120
−60
0
60
120
180
LONGITUDE (Constant Local Time)
1.000
8721.
1.744e+04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30
0
−30
−60
−90
LATITUDE (deg)
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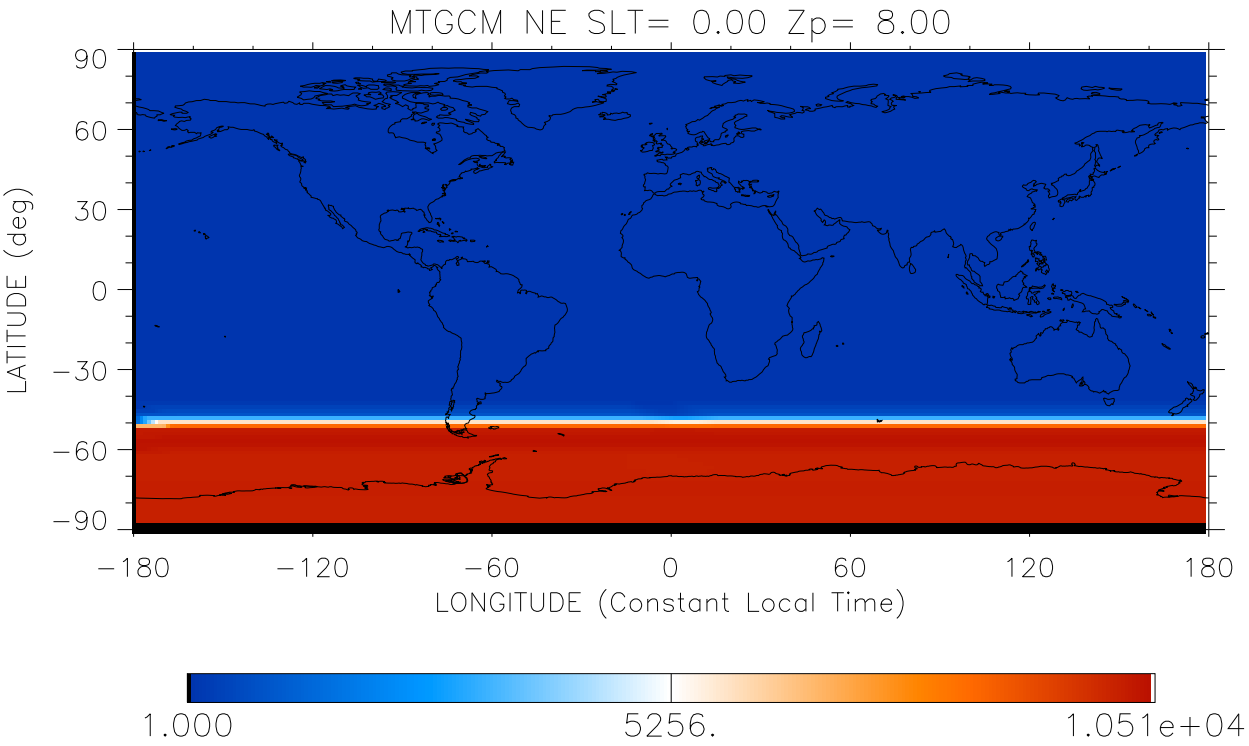
−120
−60
0
60
120
180
LONGITUDE (Constant Local Time)
1.000
3.585e+04
7.169e+04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LATITUDE (deg)
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−120
−60
0
60
120
180
LONGITUDE (Constant Local Time)
1.000
5256.
1.051e+04