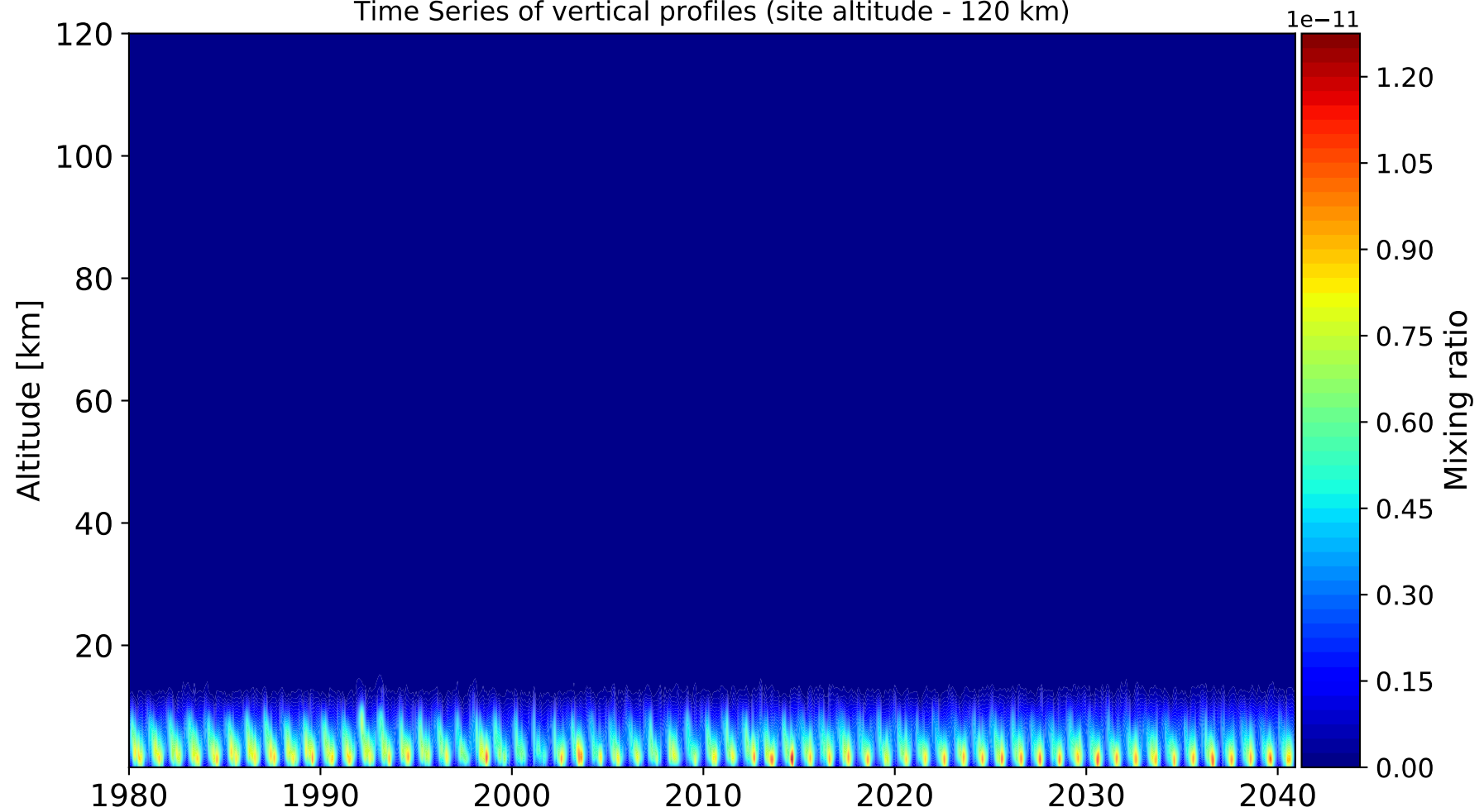
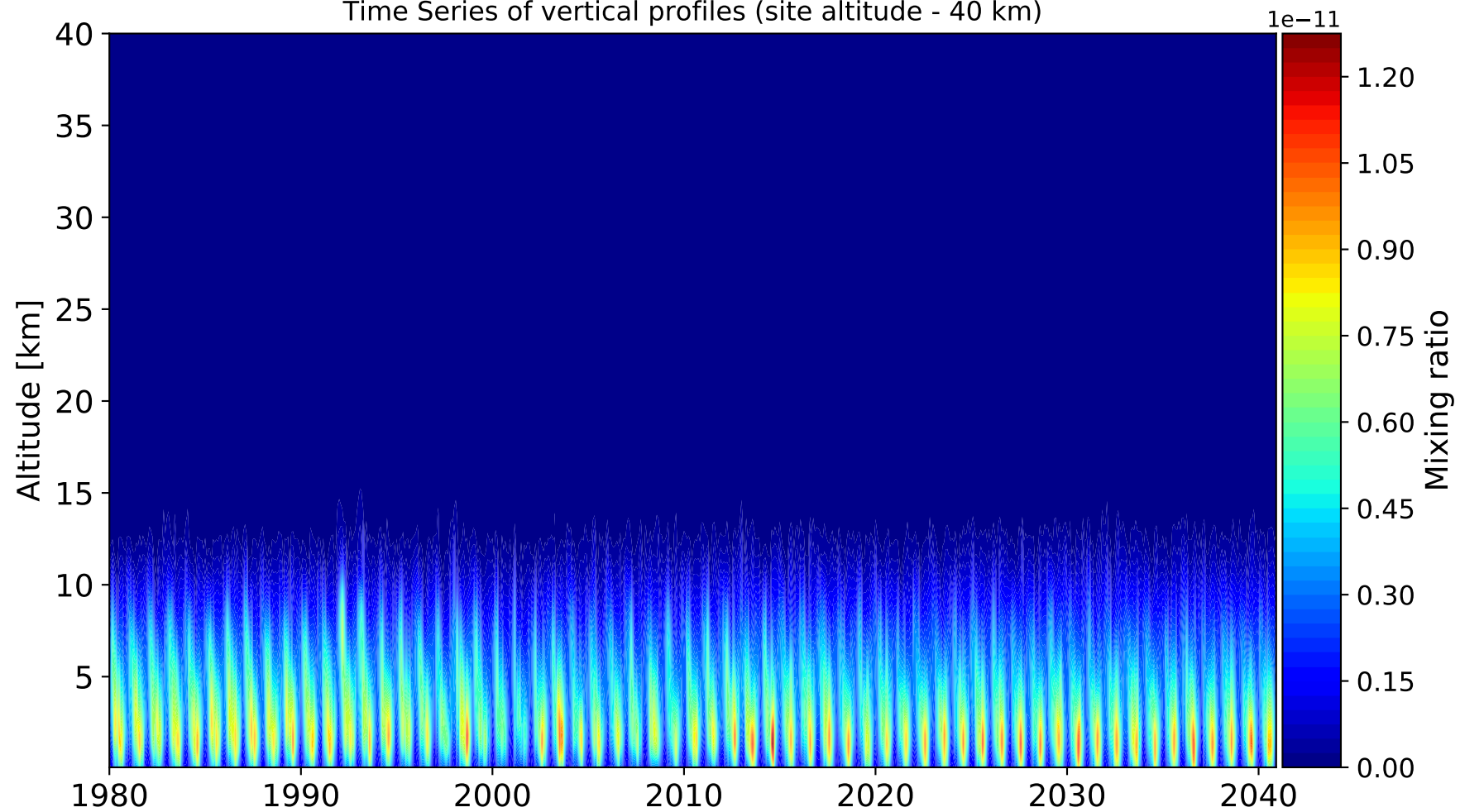


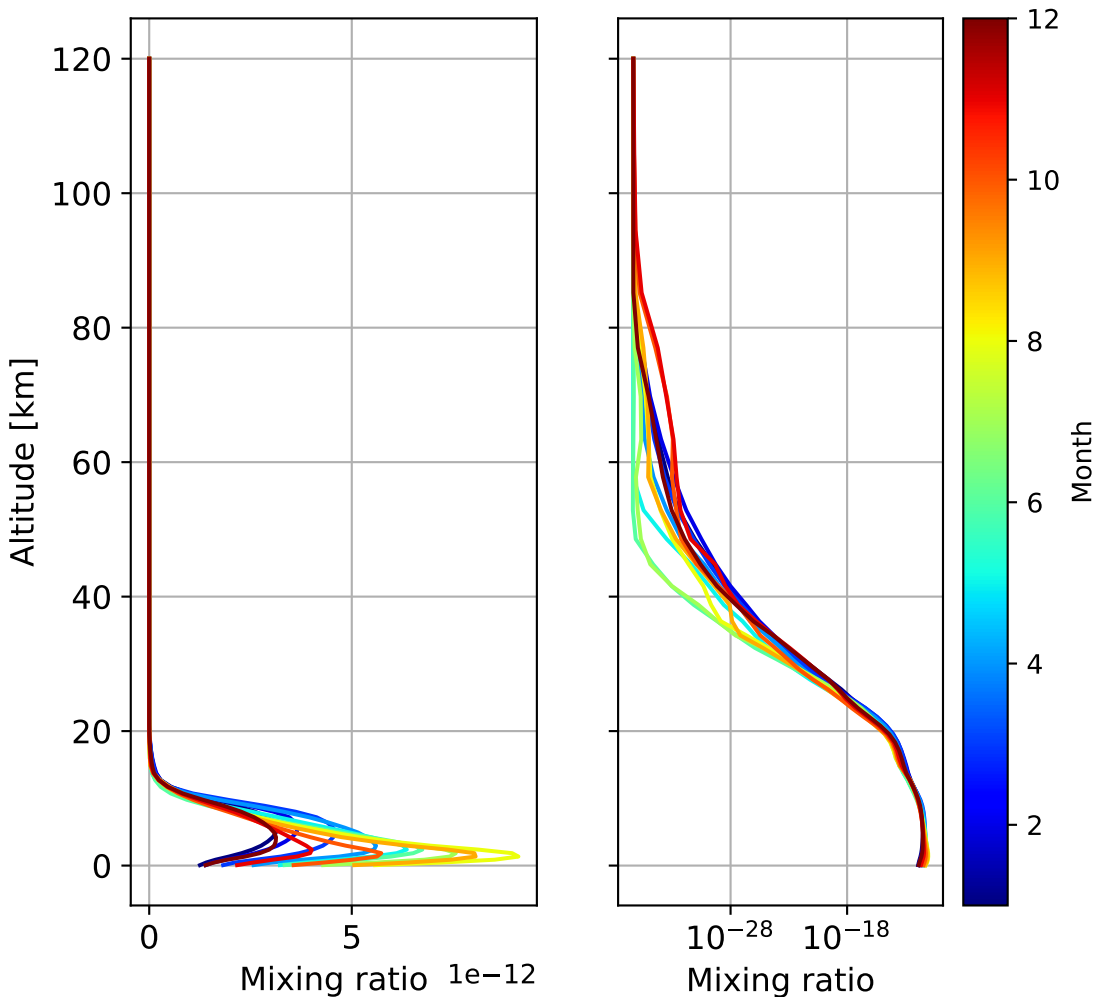
Time Series of vertical profiles (site altitude - 120 km)



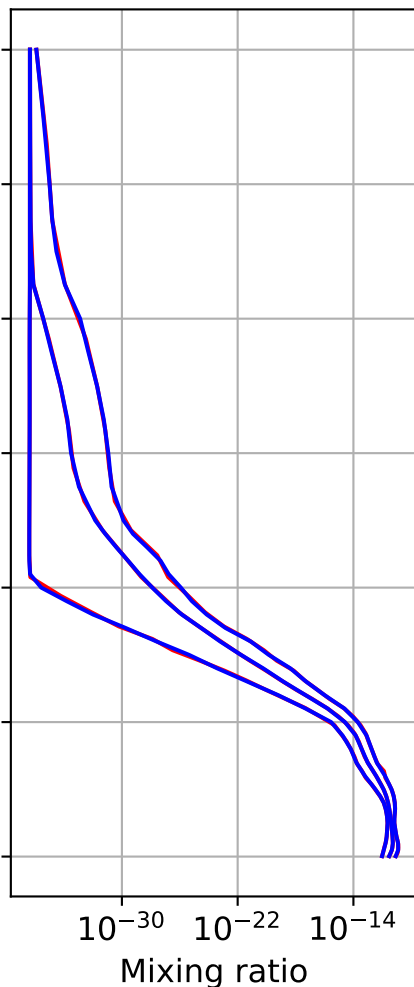
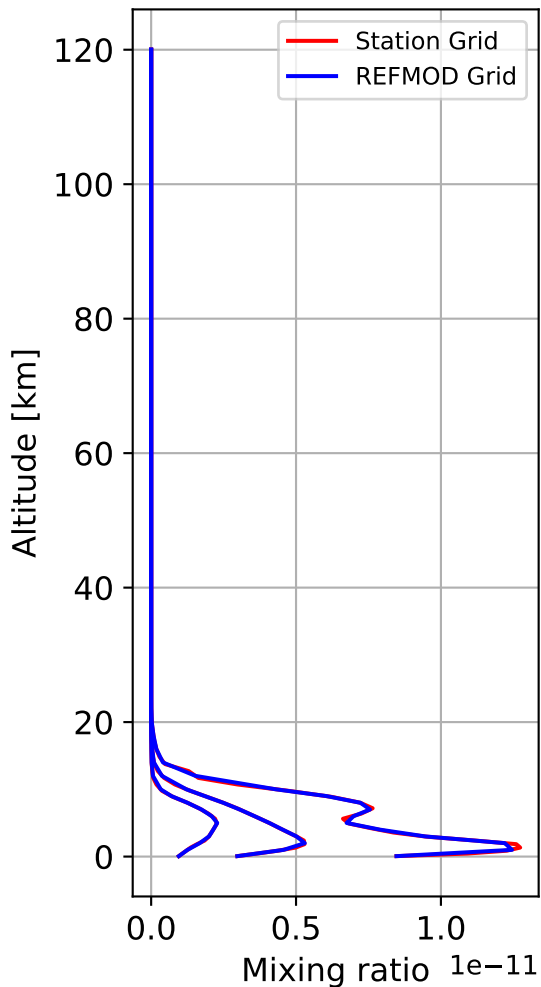
Time Series of vertical profiles (site altitude - 40 km)



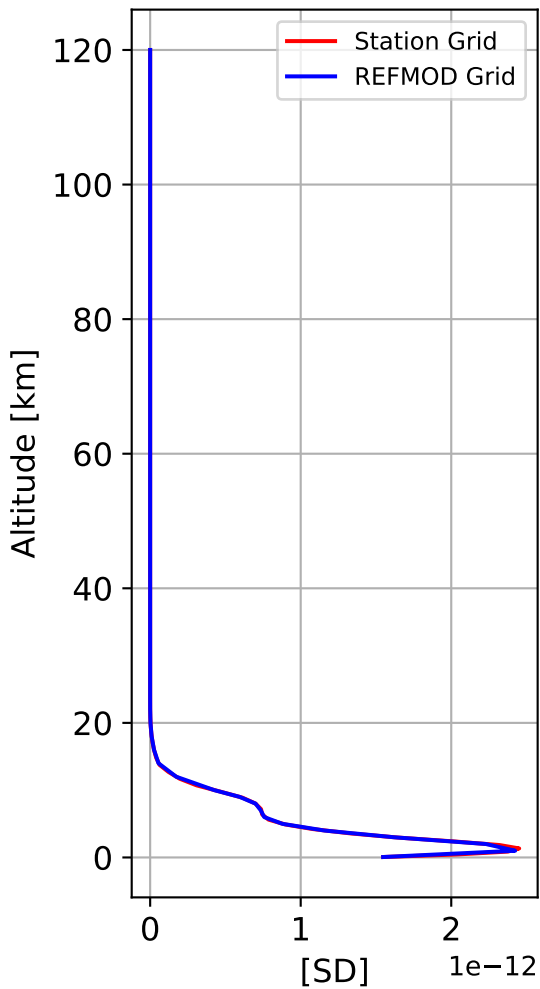
Monthly mean WACCM profile (interpolated to station grid) Halifax, 44.64N, 296.41E, 0.065kmasl



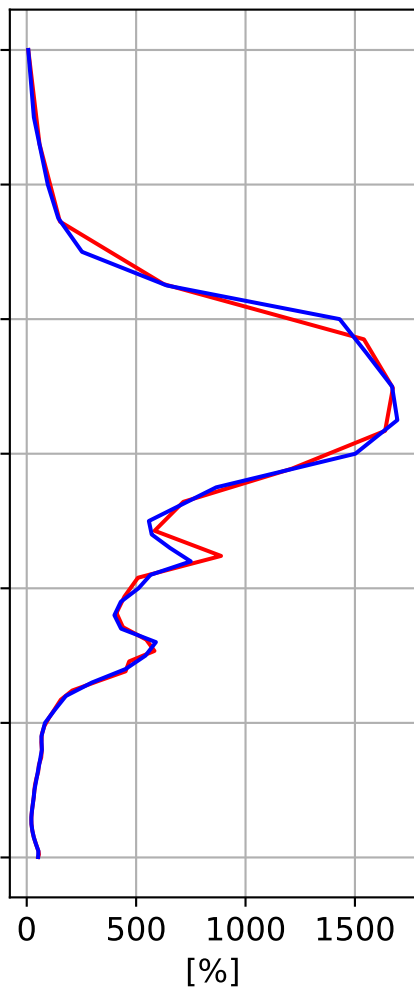
Min, Max, Mean of 732 profiles
Halifax, 44.64N, 296.41E, 0.065kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

$1e-24$

Altitude [km]

120
100
80
60
40
20

20 40 60 80 100 120

Altitude [km]

6.00
5.25
4.50
3.75
3.00
2.25
1.50
0.75
0.00

Mixing ratio[~ 2]

