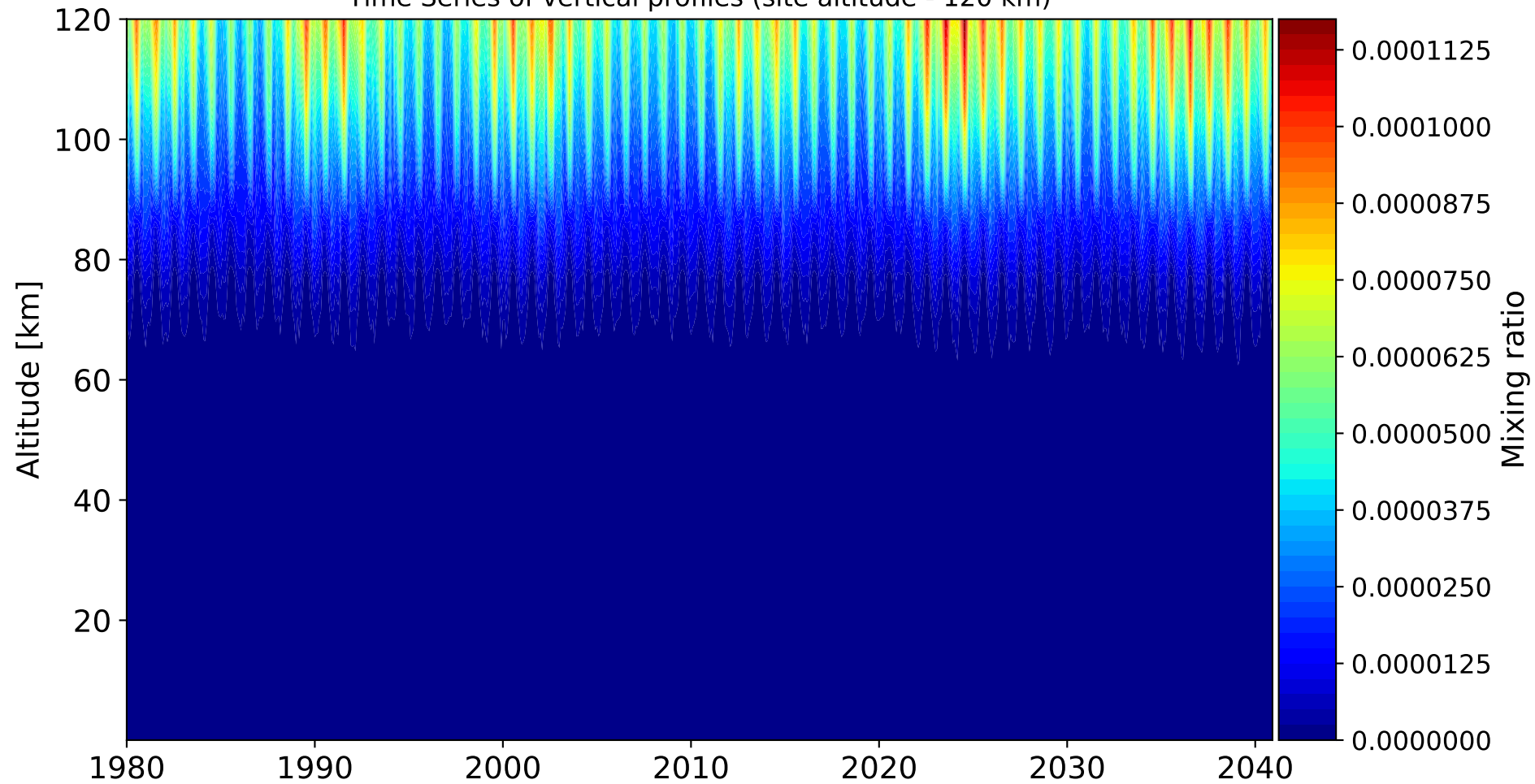
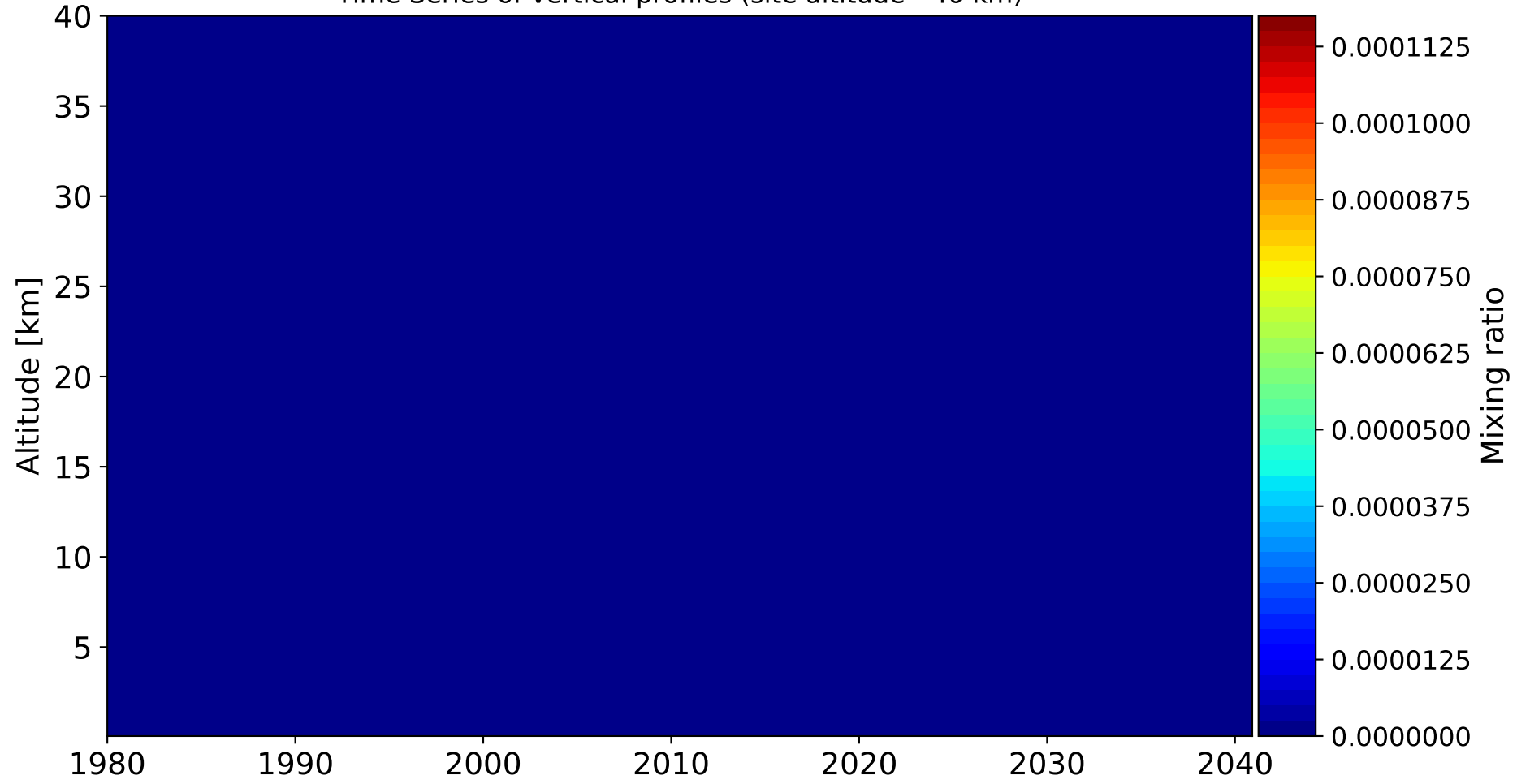


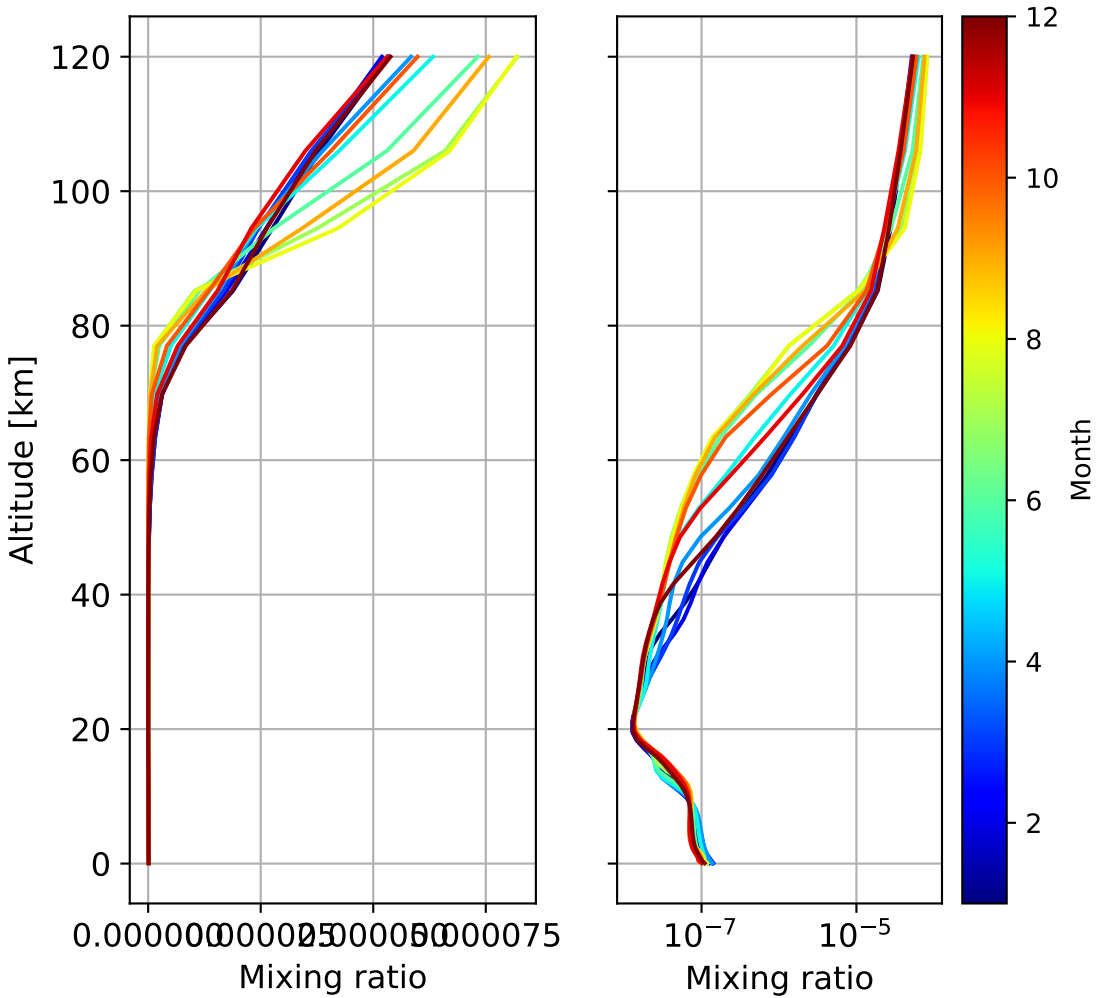
Time Series of vertical profiles (site altitude - 120 km)



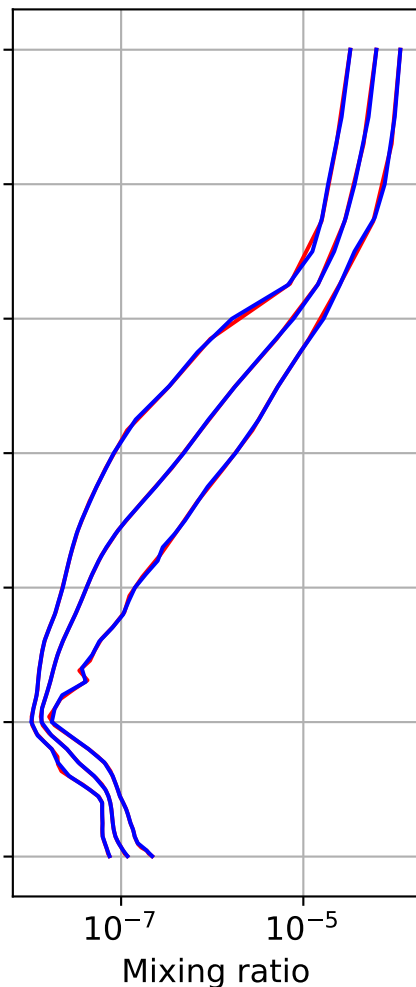
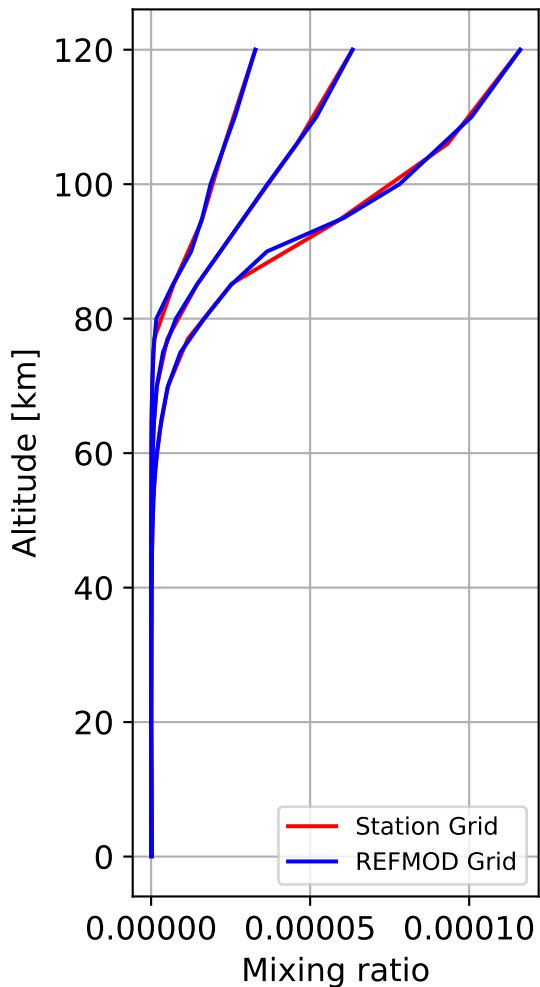
Time Series of vertical profiles (site altitude - 40 km)



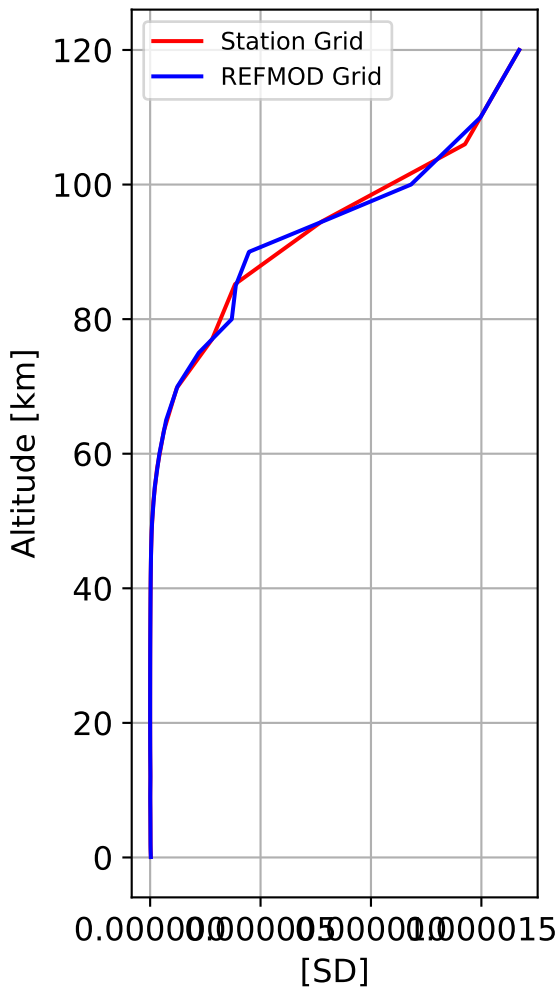
Monthly mean WACCM profile (interpolated to station grid) Halifax, 44.64N, 296.41E, 0.065kmasl



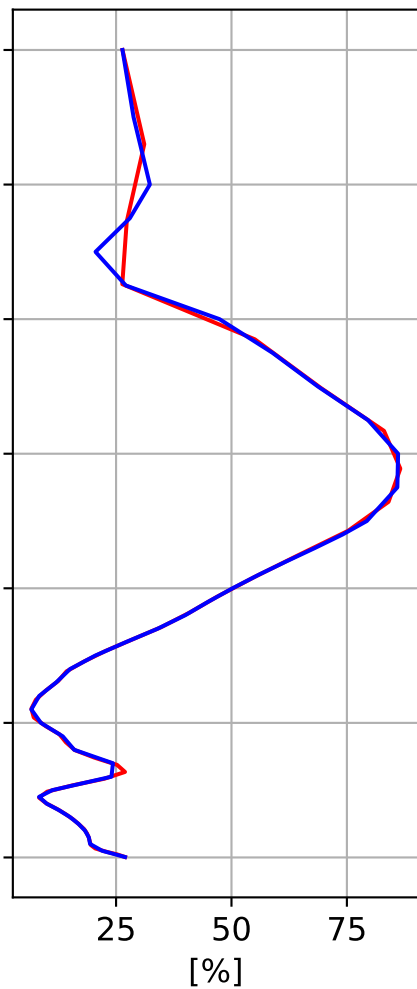
Min, Max, Mean of 732 profiles
Halifax, 44.64N, 296.41E, 0.065kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

$1e-10$

Altitude [km]

120
100
80
60
40
20

20 40 60 80 100 120

Altitude [km]

Mixing ratio²

2.52
2.16
1.80
1.44
1.08
0.72
0.36
0.00

