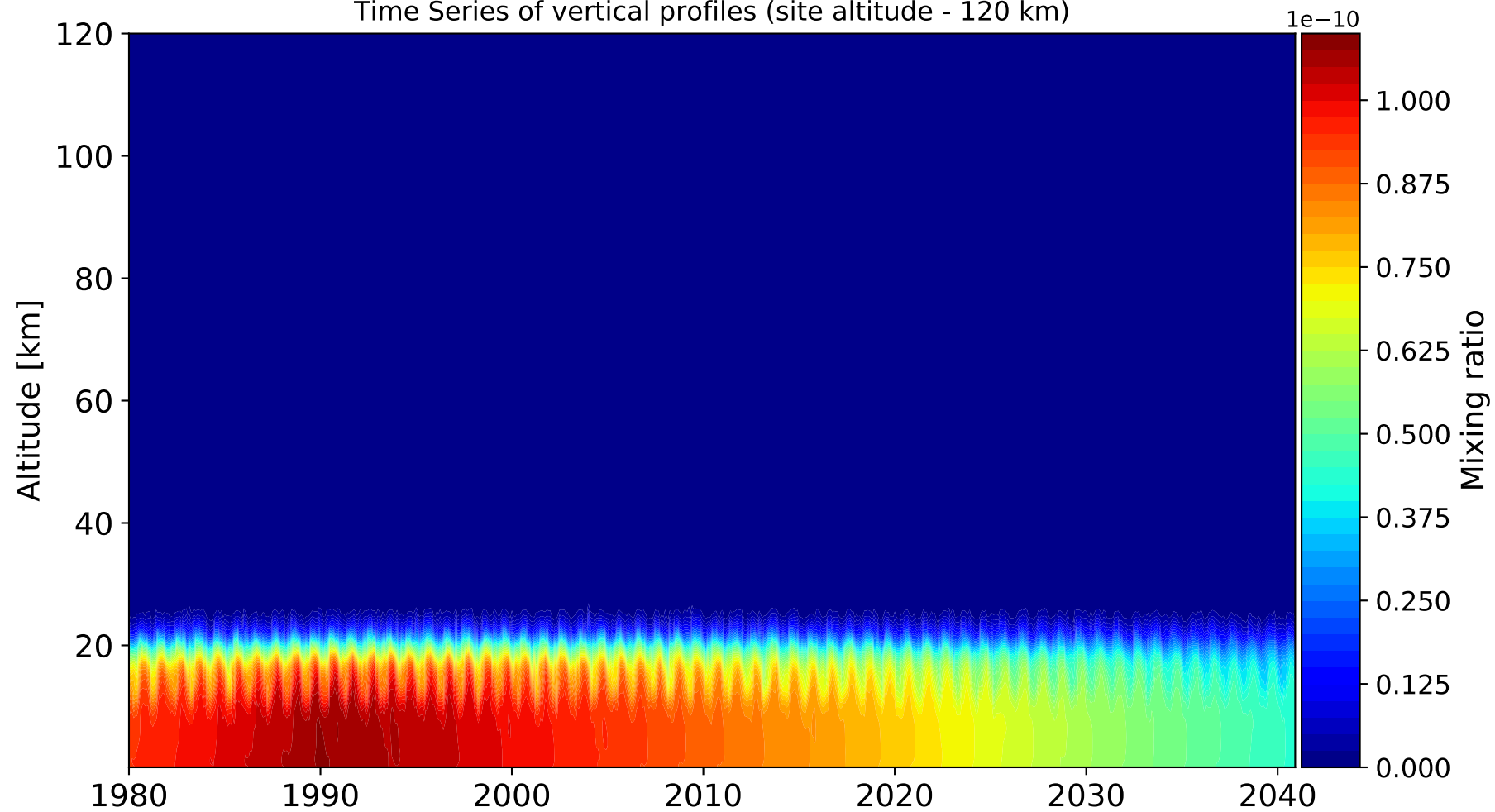
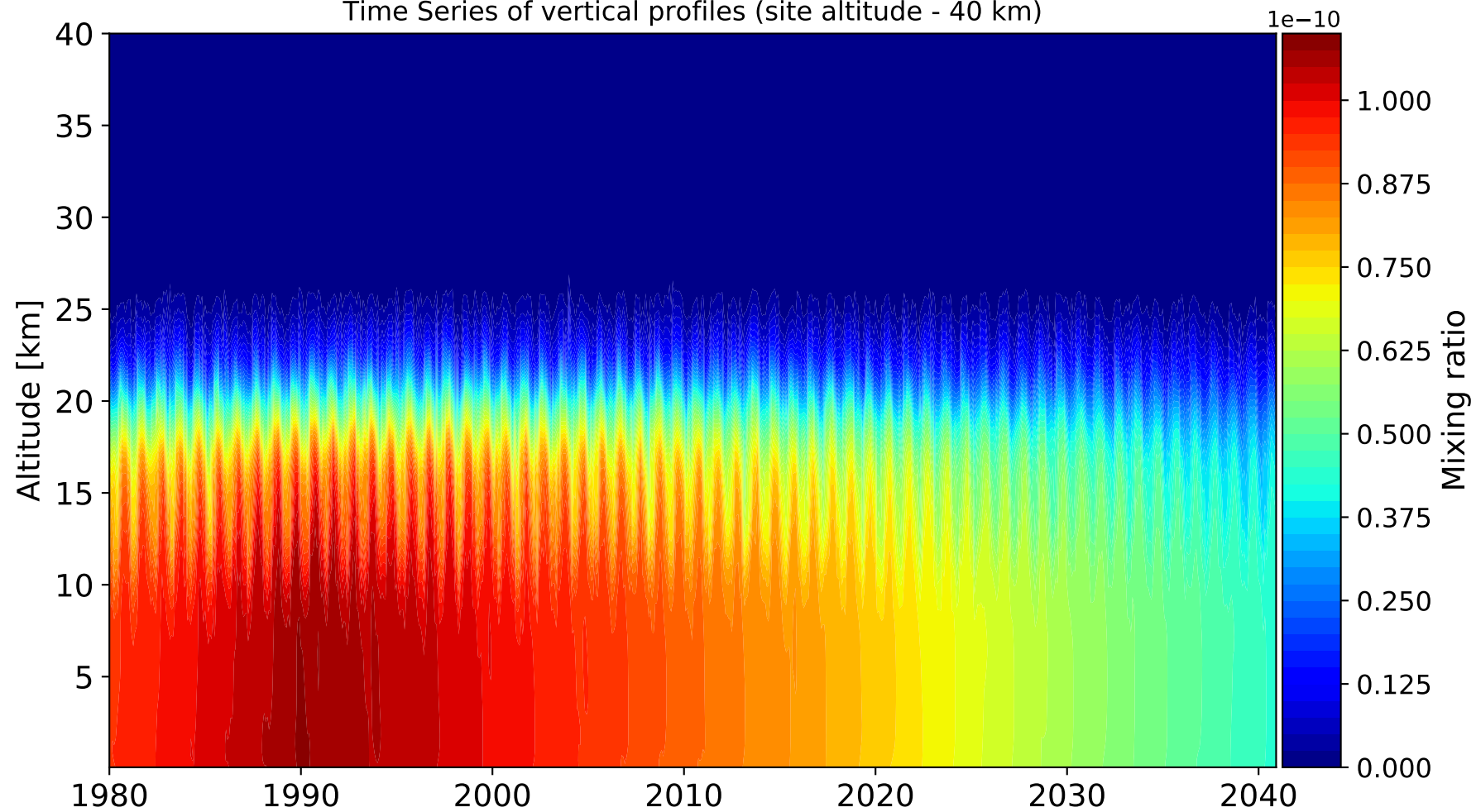


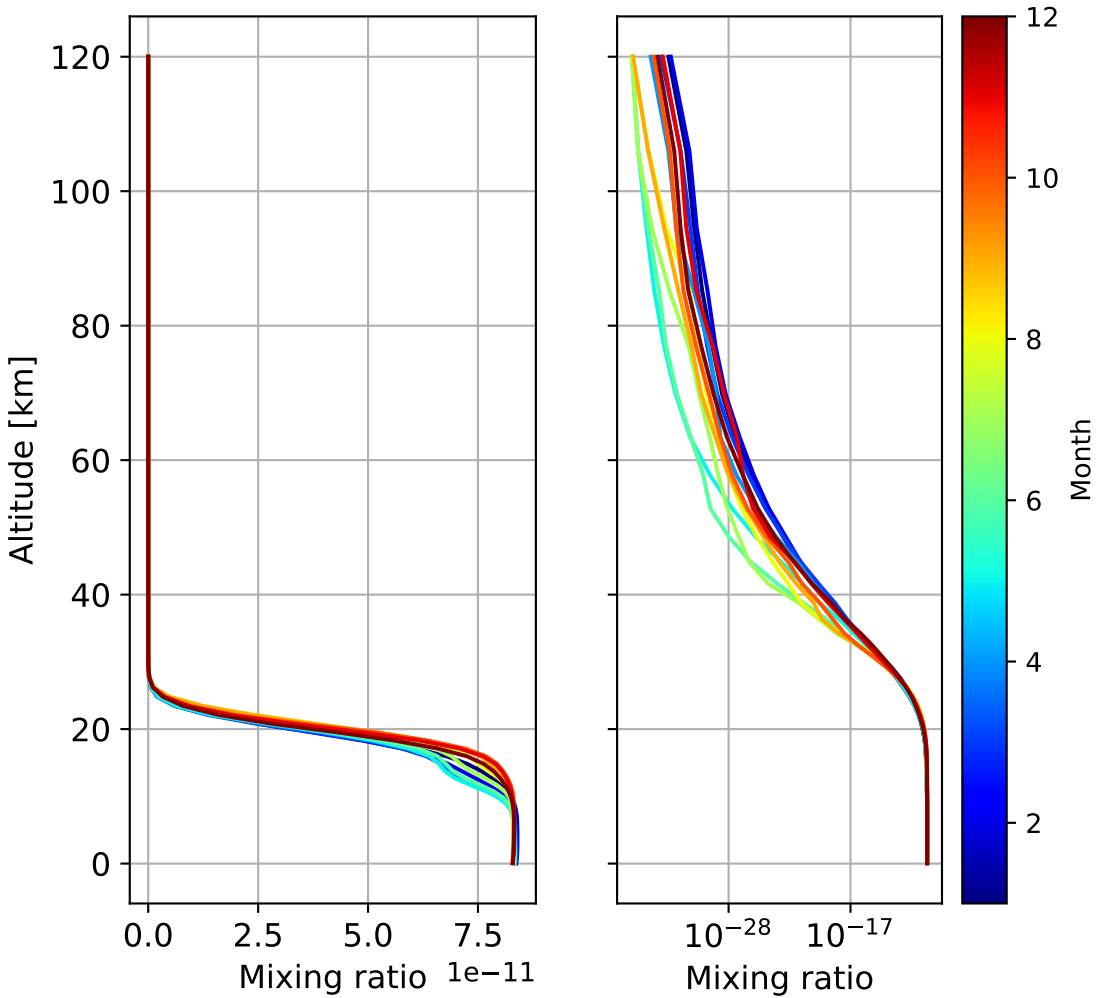
Time Series of vertical profiles (site altitude - 120 km)



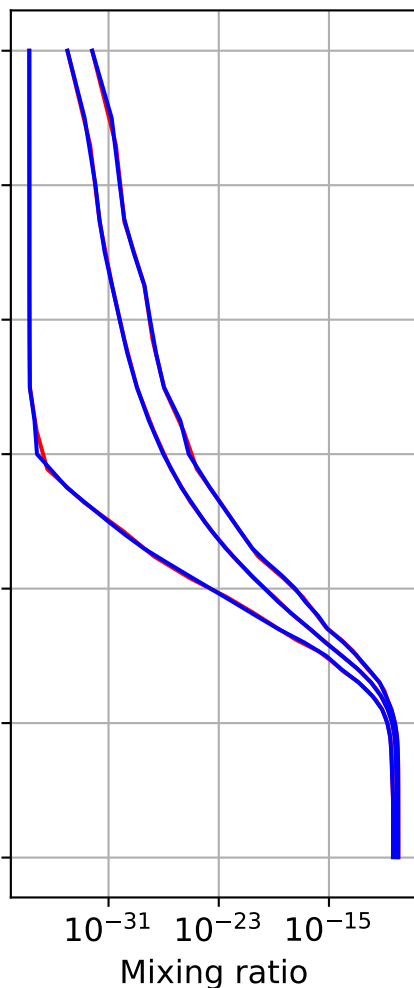
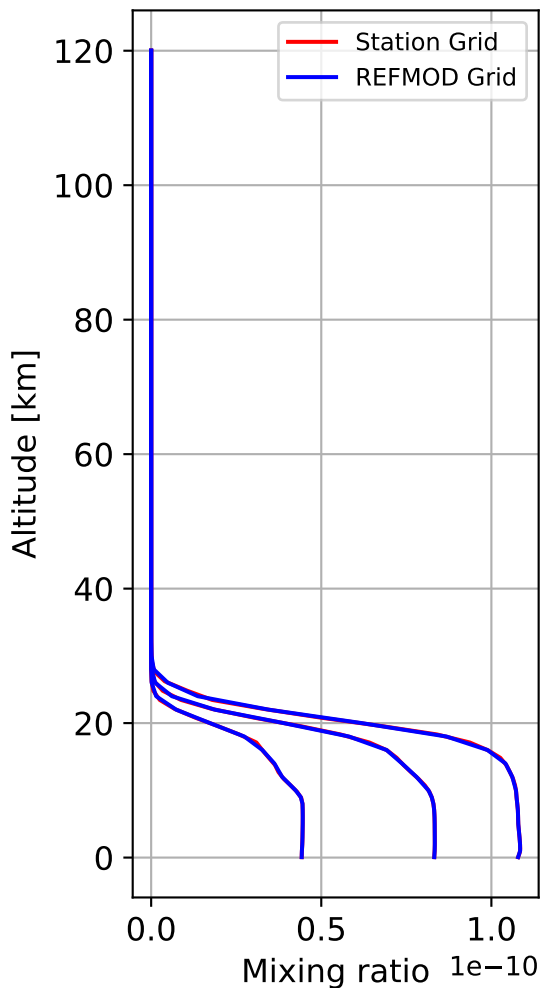
Time Series of vertical profiles (site altitude - 40 km)



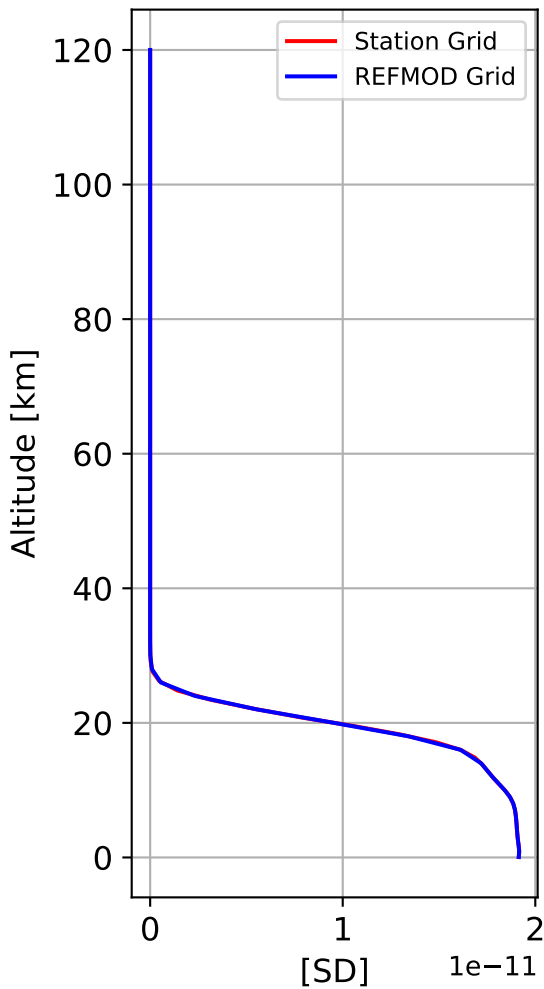
Monthly mean WACCM profile (interpolated to station grid) Halifax, 44.64N, 296.41E, 0.065kmasl



Min, Max, Mean of 732 profiles
Halifax, 44.64N, 296.41E, 0.065km/sl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-22

Altitude [km]

120
100
80
60
40
20

Altitude [km]

Mixing ratio[\wedge^2]

3.6
3.2
2.8
2.4
2.0
1.6
1.2
0.8
0.4
0.0

