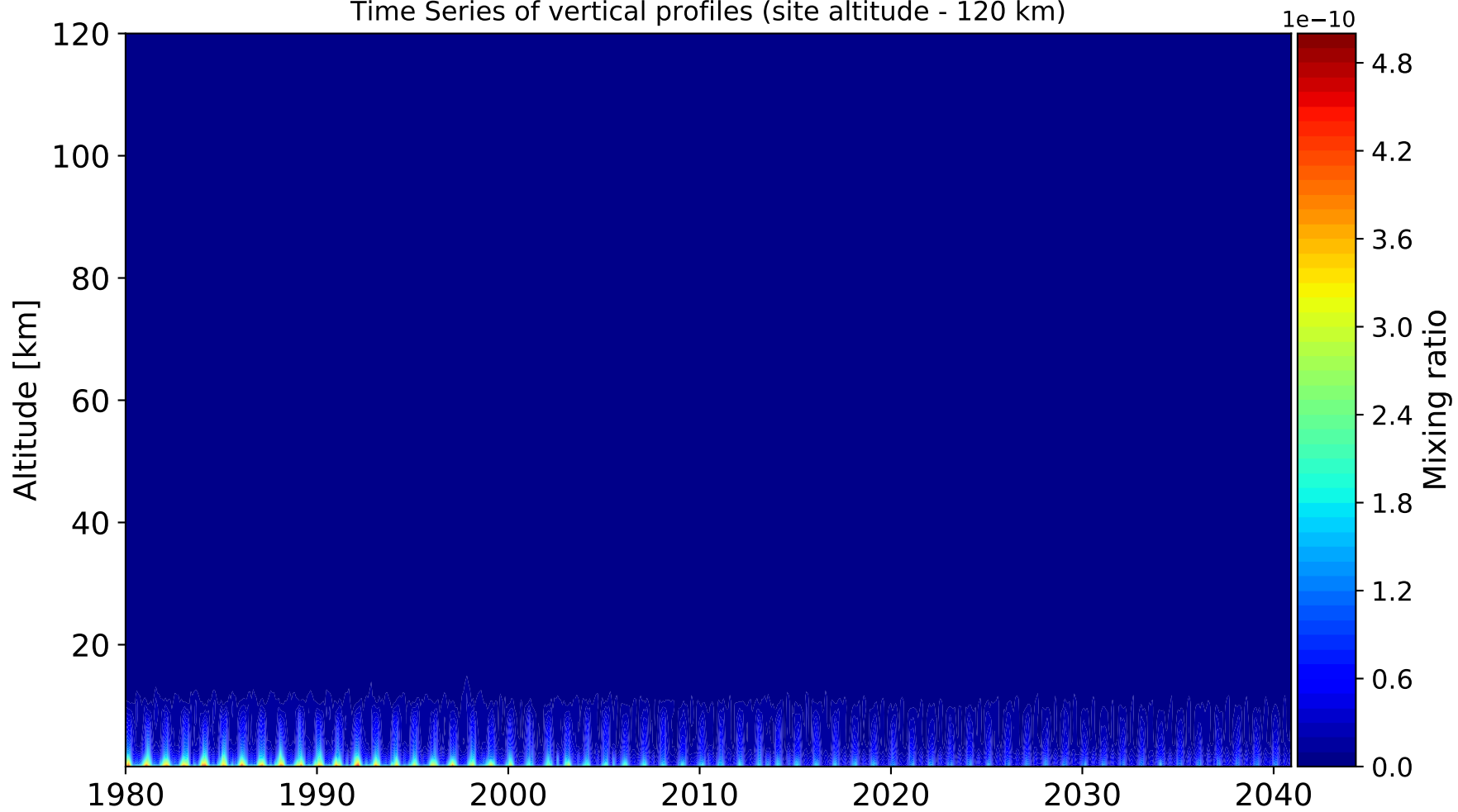
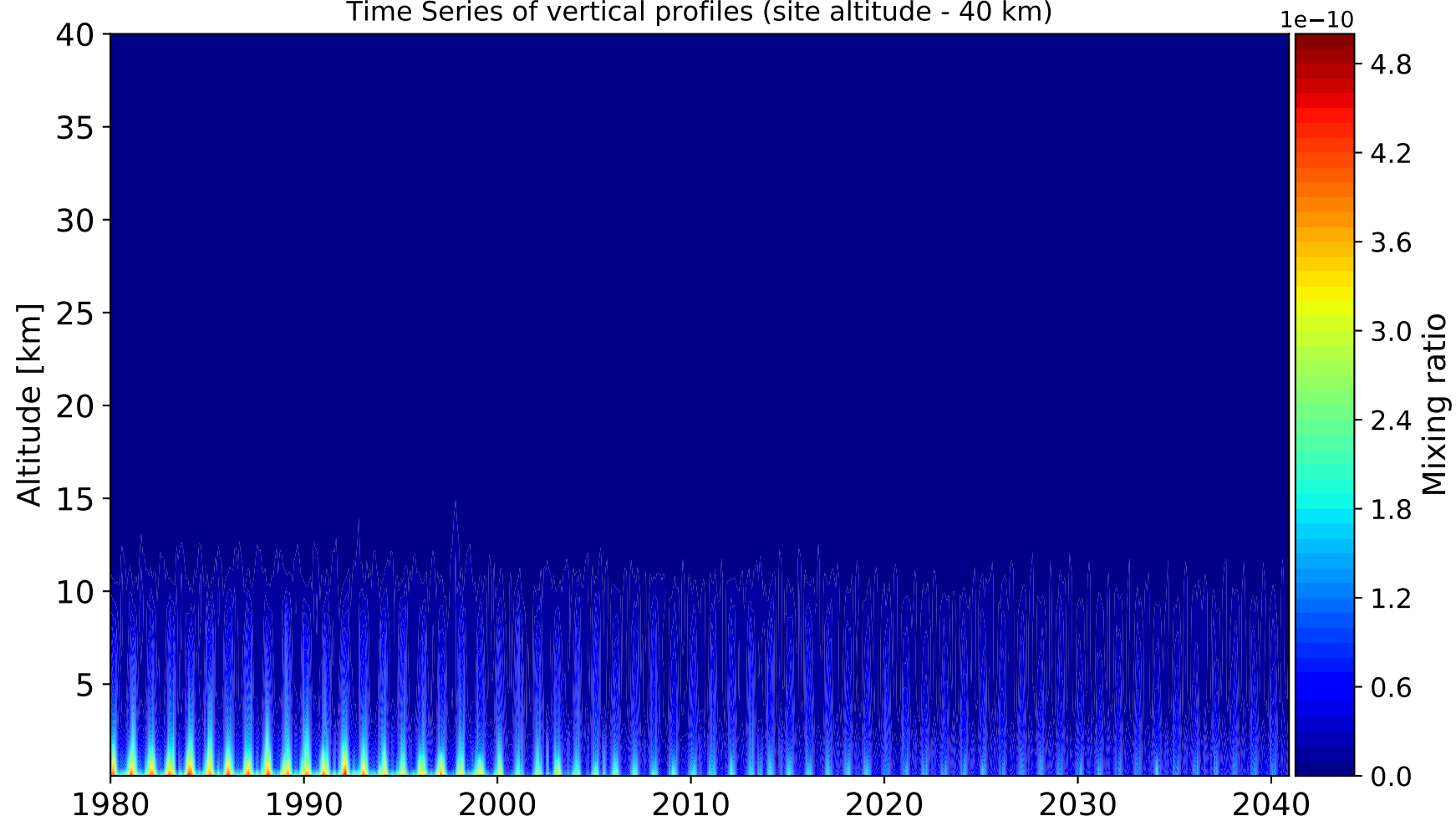


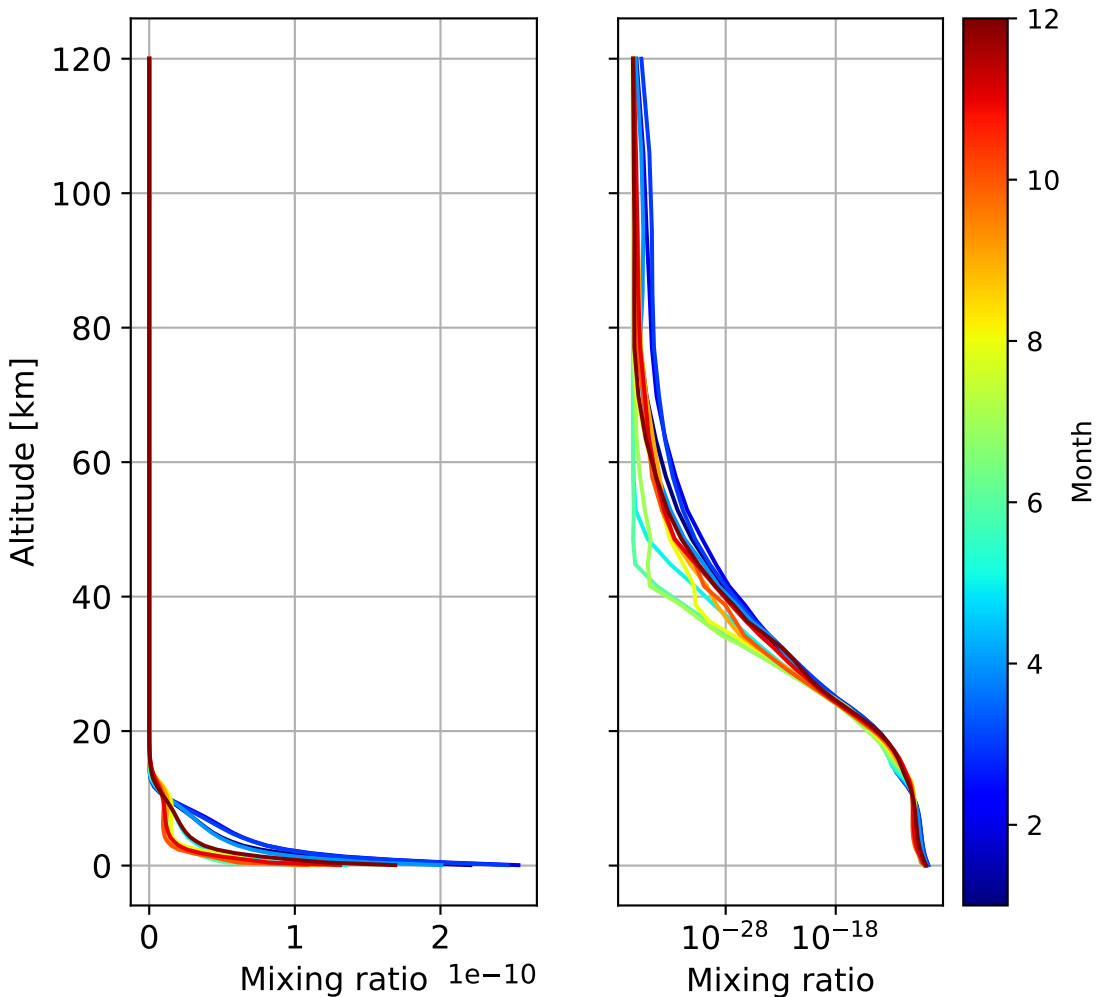
Time Series of vertical profiles (site altitude - 120 km)



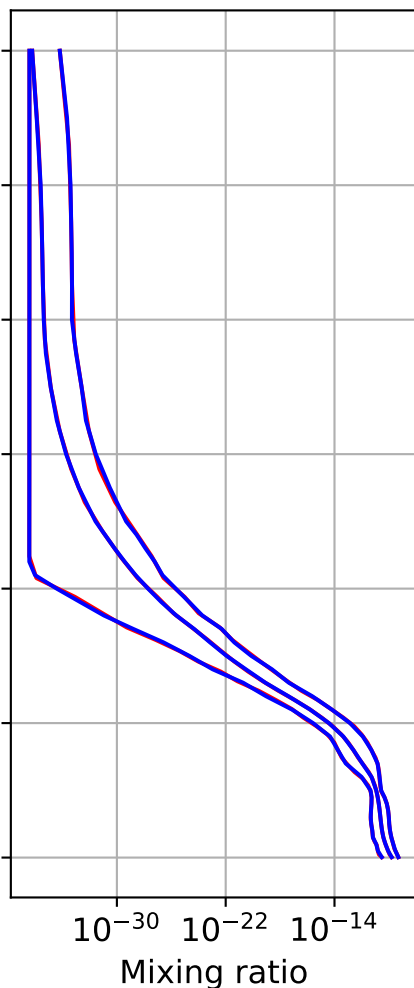
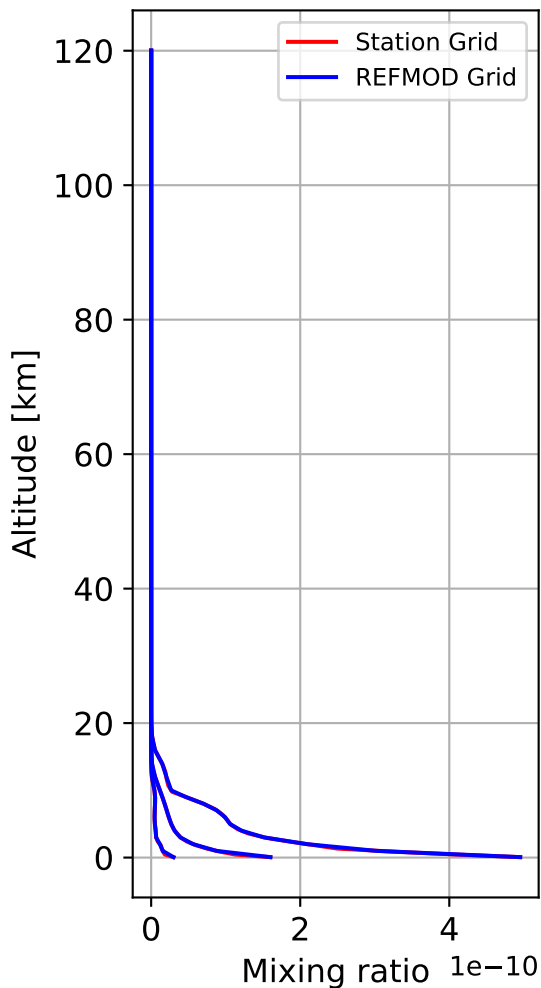
Time Series of vertical profiles (site altitude - 40 km)



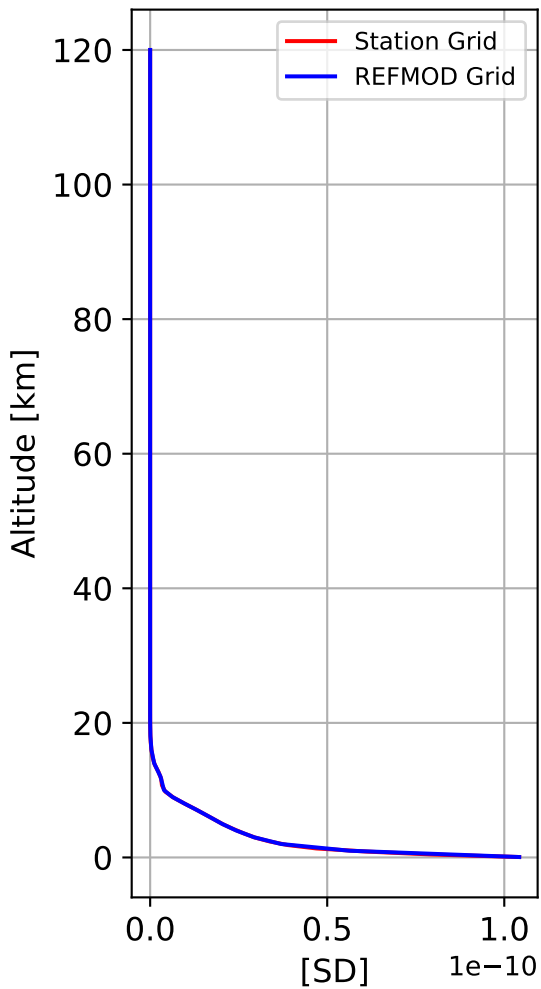
# Monthly mean WACCM profile (interpolated to station grid) Halifax, 44.64N, 296.41E, 0.065kmasl



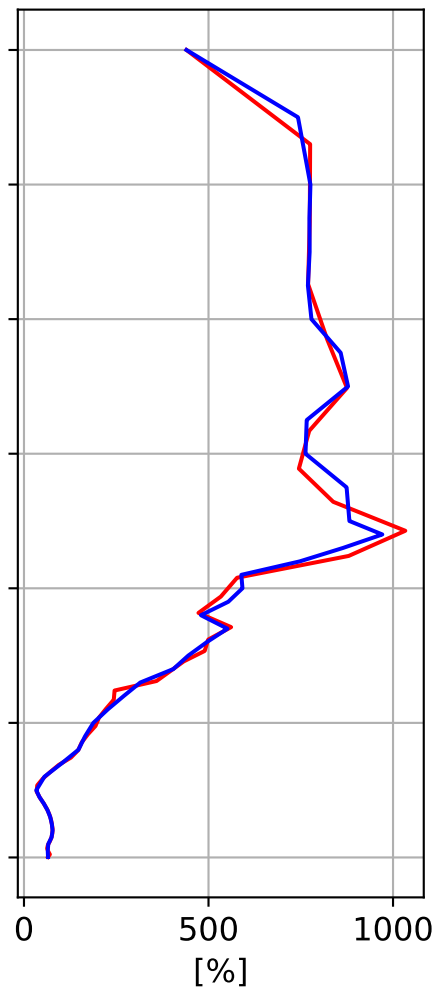
Min, Max, Mean of 732 profiles  
Halifax, 44.64N, 296.41E, 0.065kmasl



Std. Deviation



Percent Deviation

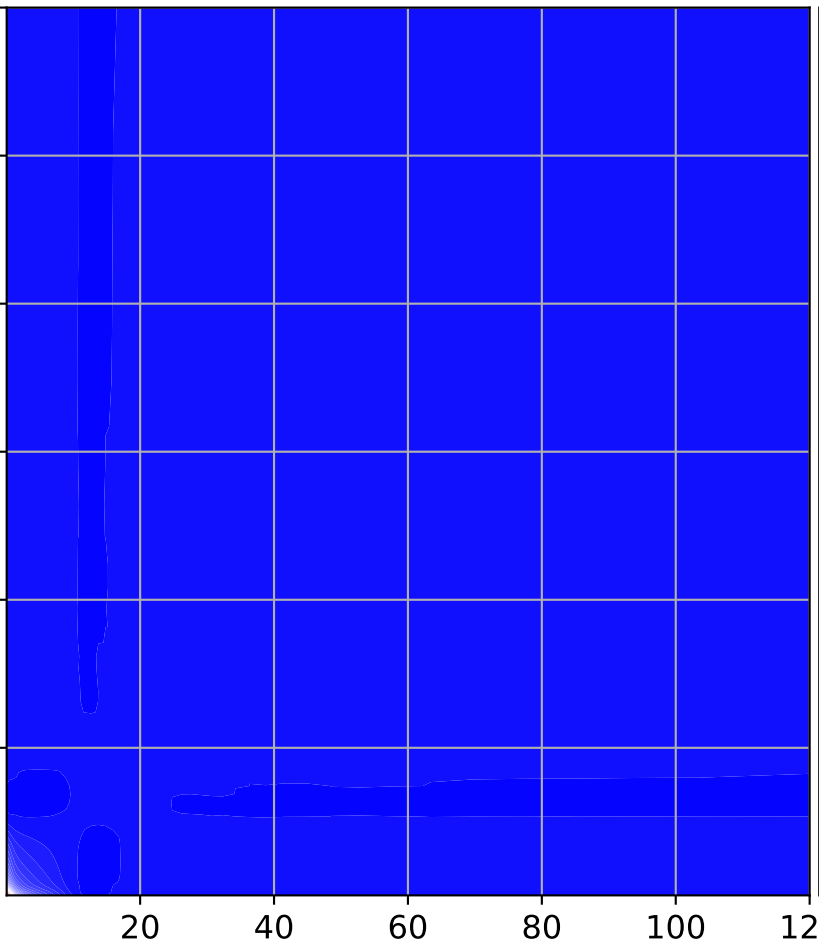


# Level covariance matrix

1e-20

Altitude [km]

120  
100  
80  
60  
40  
20



1.000  
0.875  
0.750  
0.625  
0.500  
0.375  
0.250  
0.125  
0.000

Mixing ratio[<sup>2</sup>]

Altitude [km]