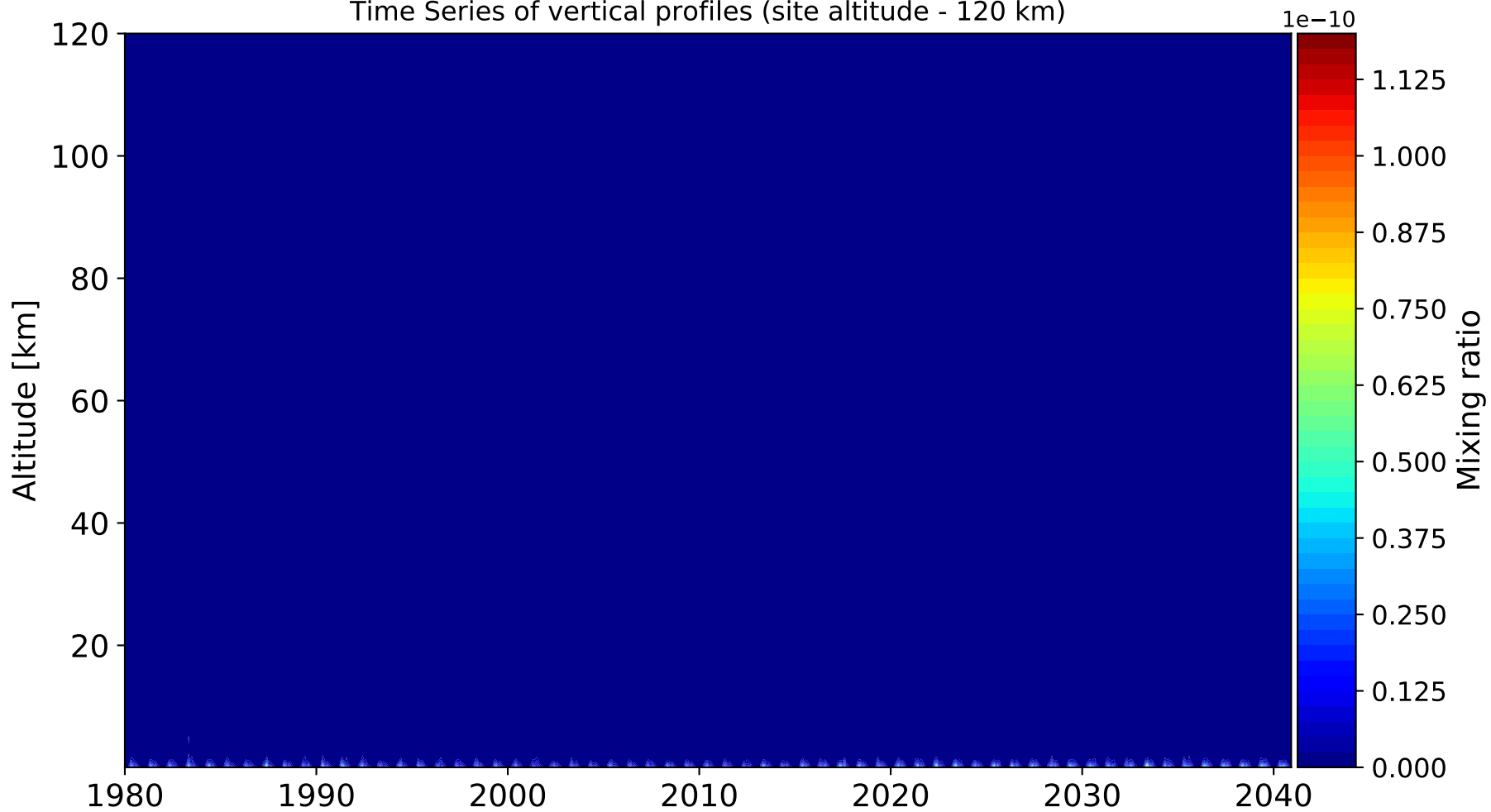
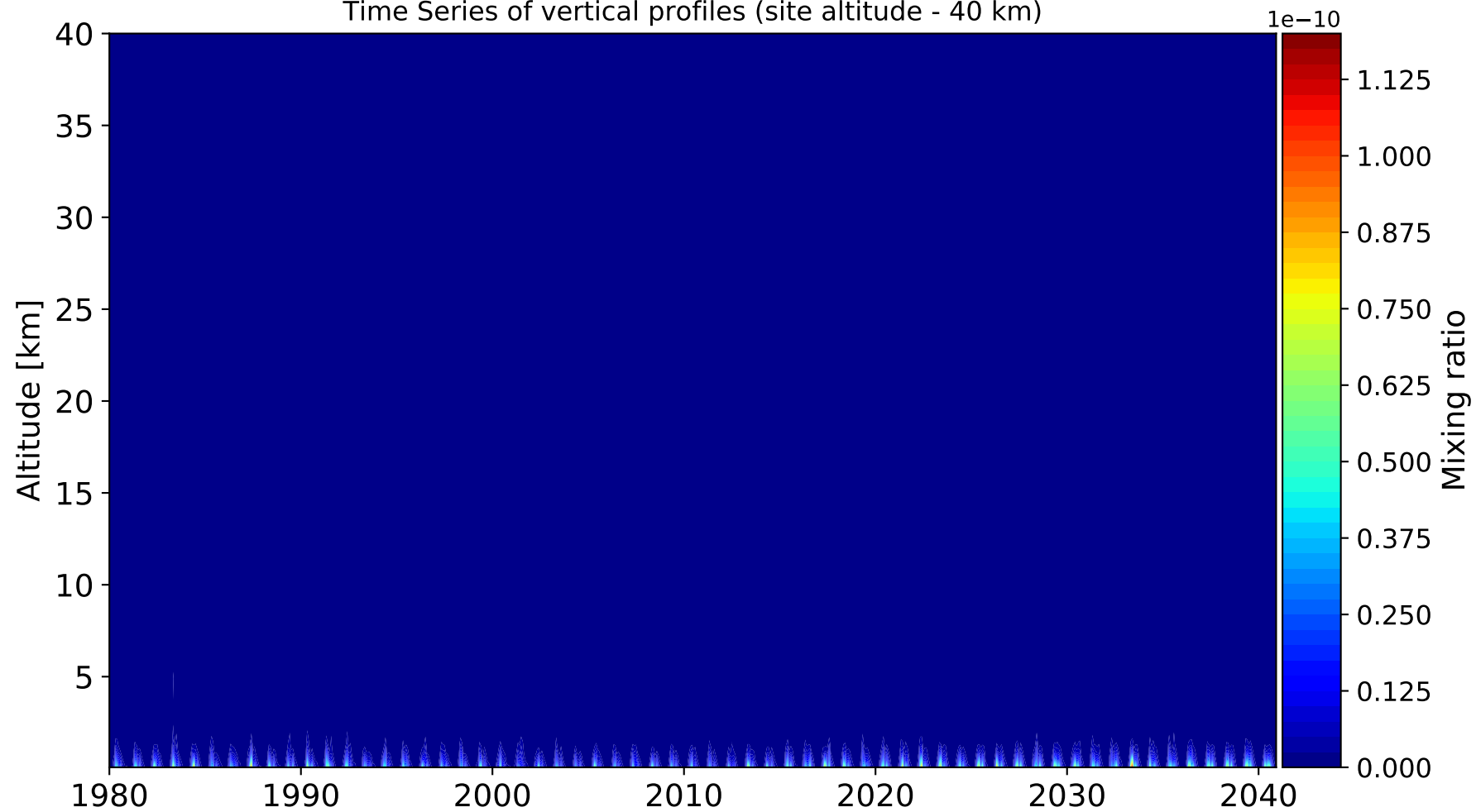


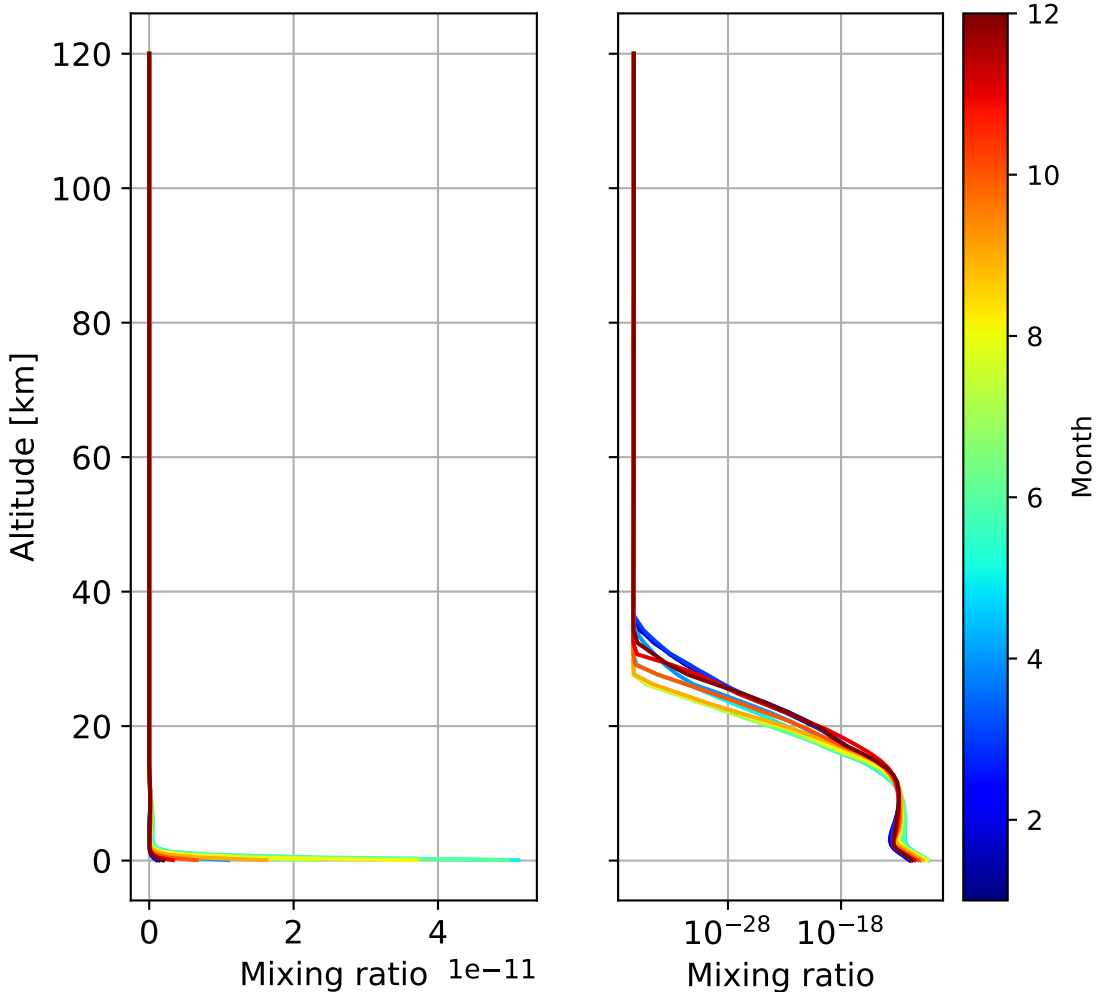
Time Series of vertical profiles (site altitude - 120 km)



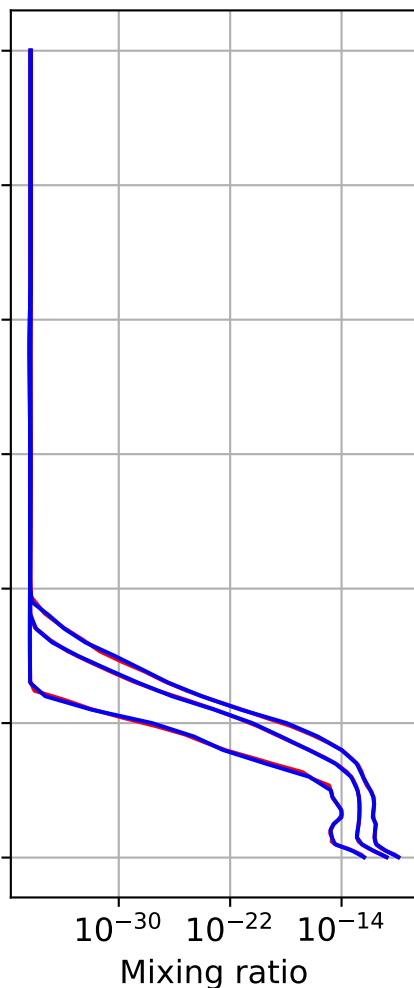
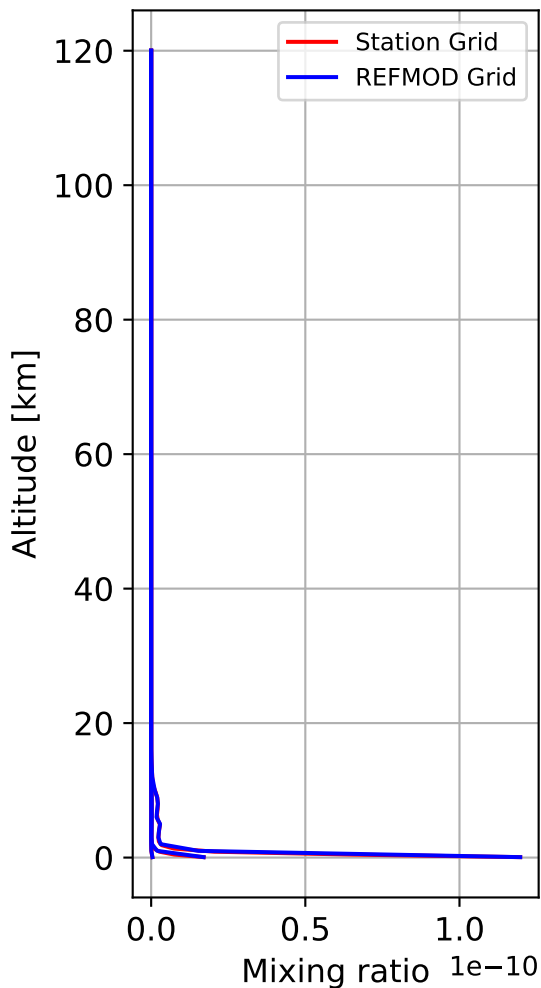
Time Series of vertical profiles (site altitude - 40 km)



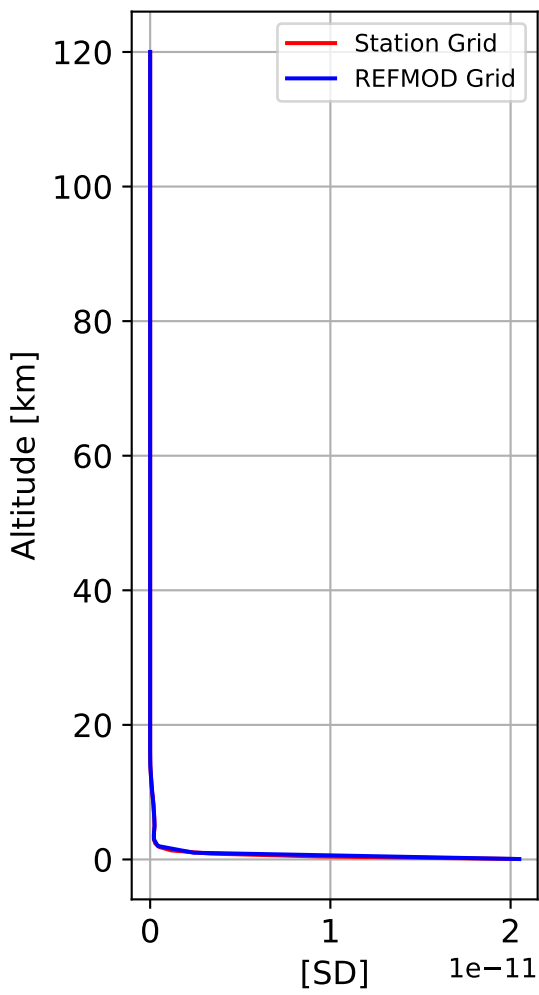
Monthly mean WACCM profile (interpolated to station grid)  
Halifax, 44.64N, 296.41E, 0.065kmasl



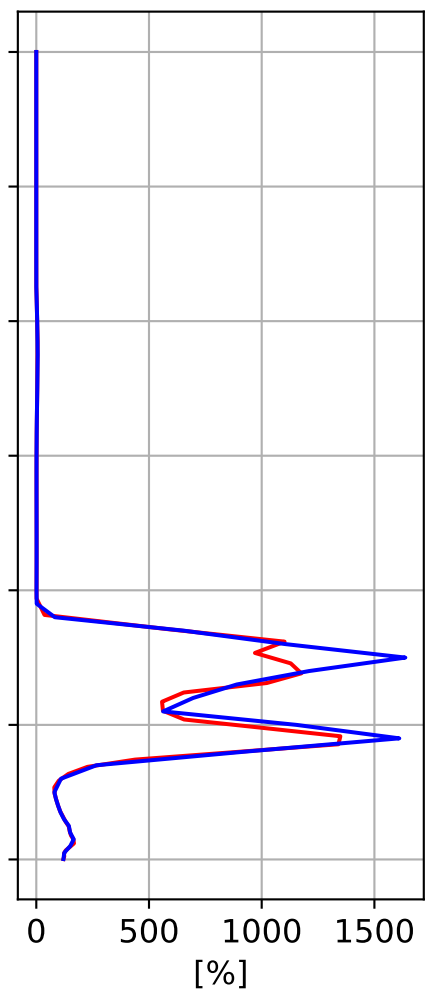
Min, Max, Mean of 732 profiles  
Halifax, 44.64N, 296.41E, 0.065kmasl



### Std. Deviation



### Percent Deviation

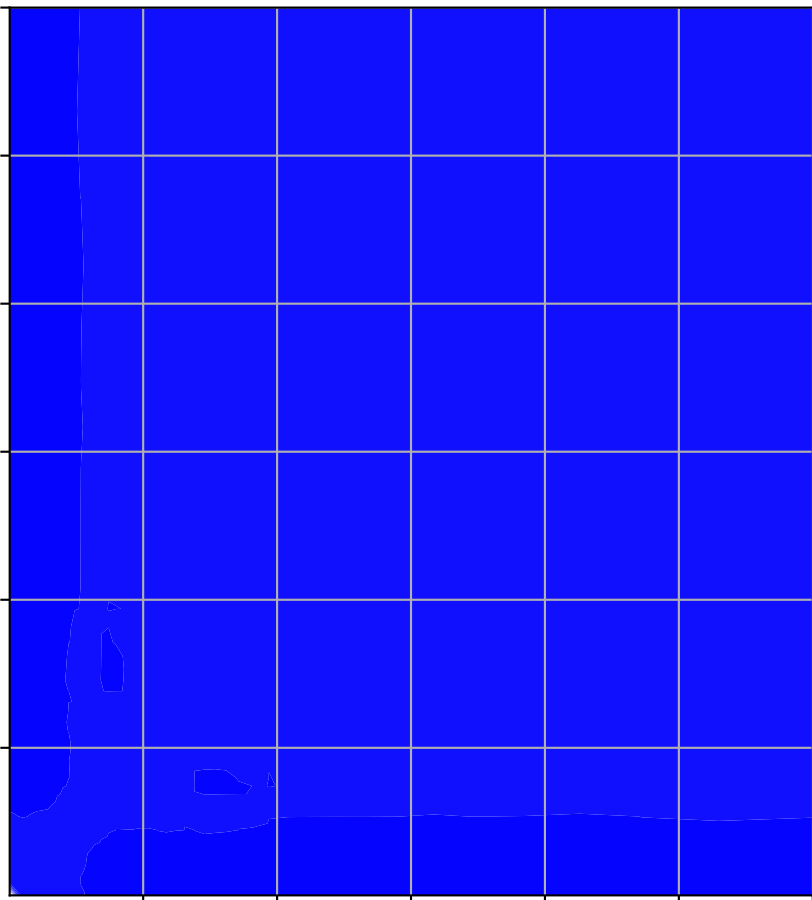


# Level covariance matrix

1e-22

Altitude [km]

120  
100  
80  
60  
40  
20



Altitude [km]

Mixing ratio [^2]

4.0  
3.5  
3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0