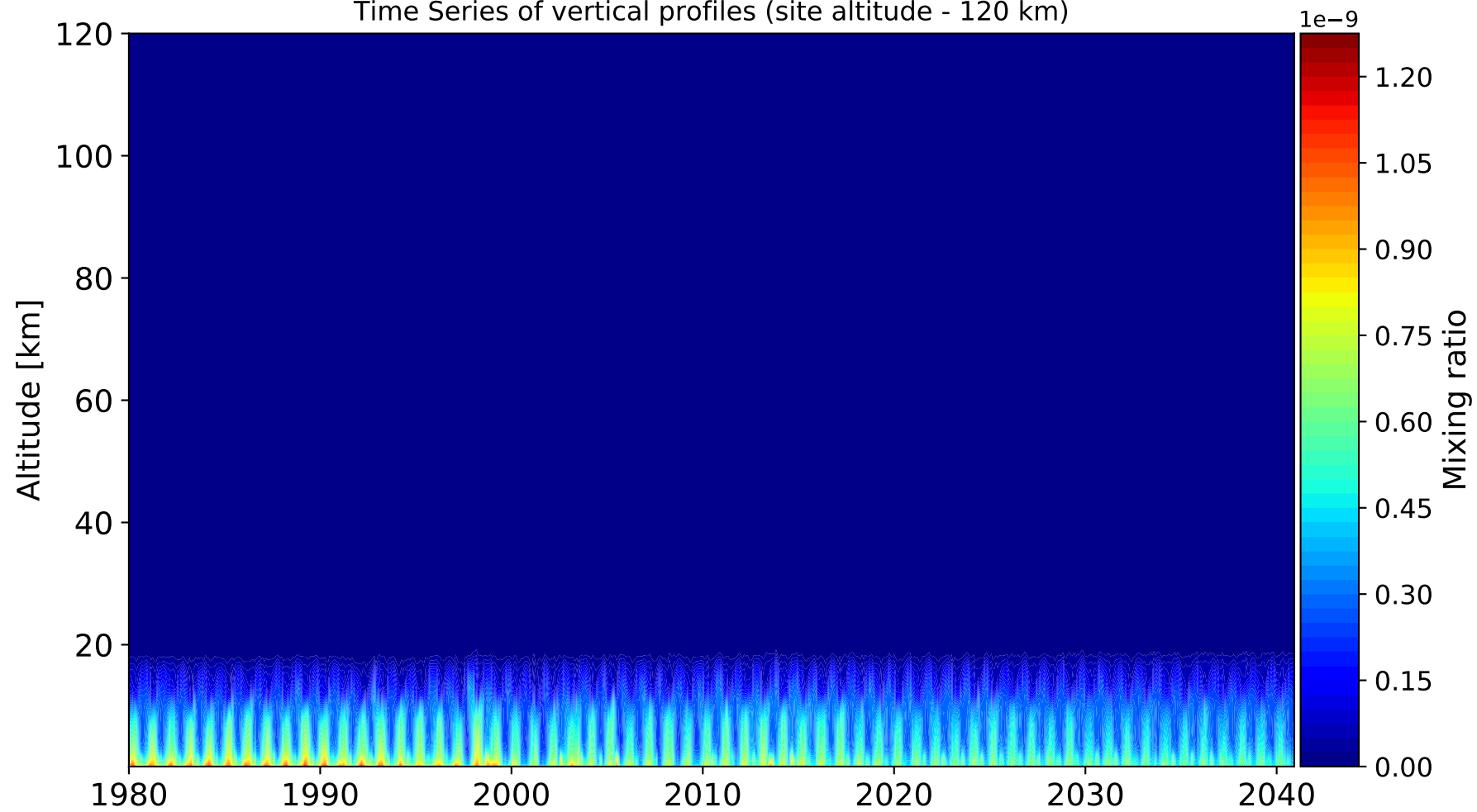
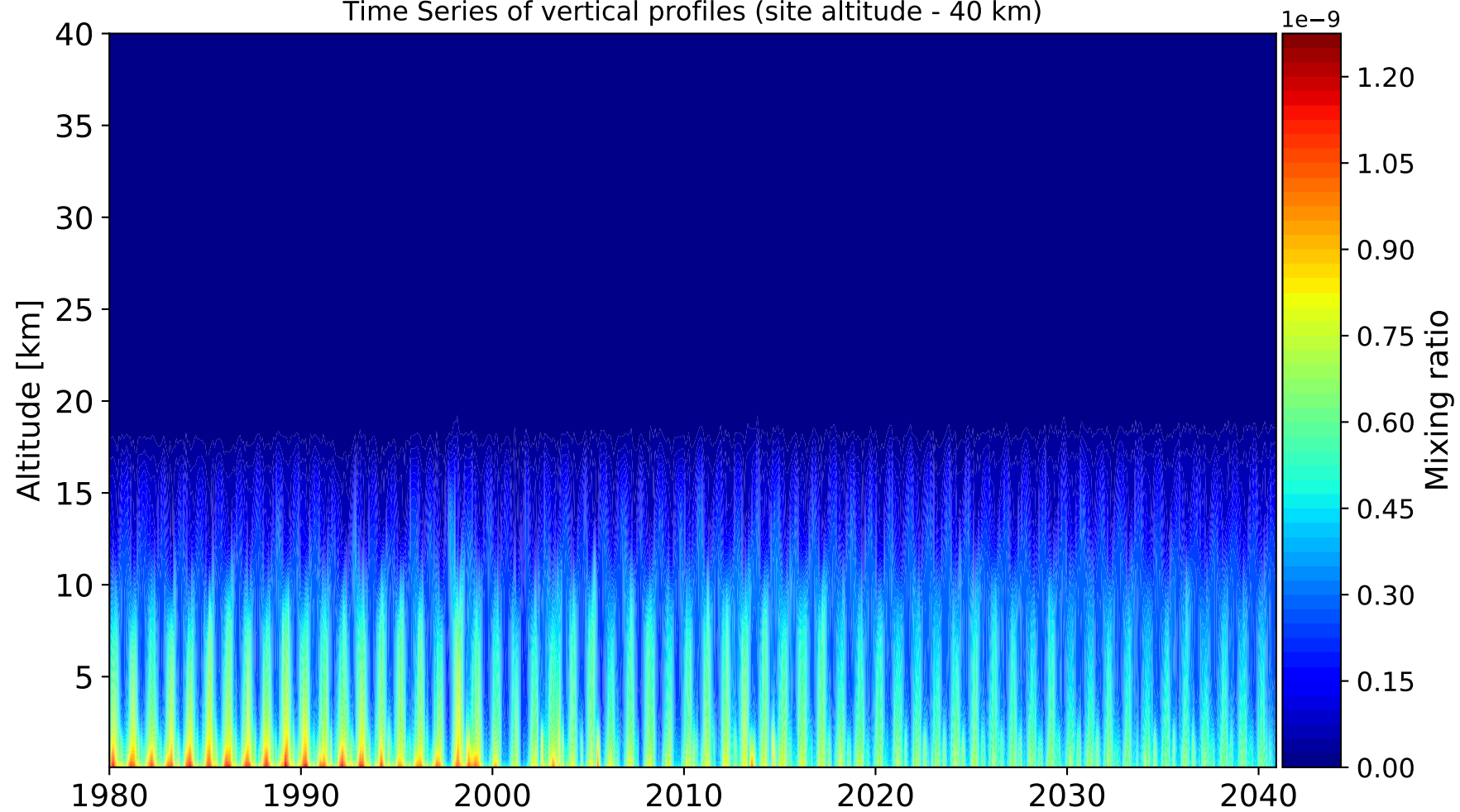


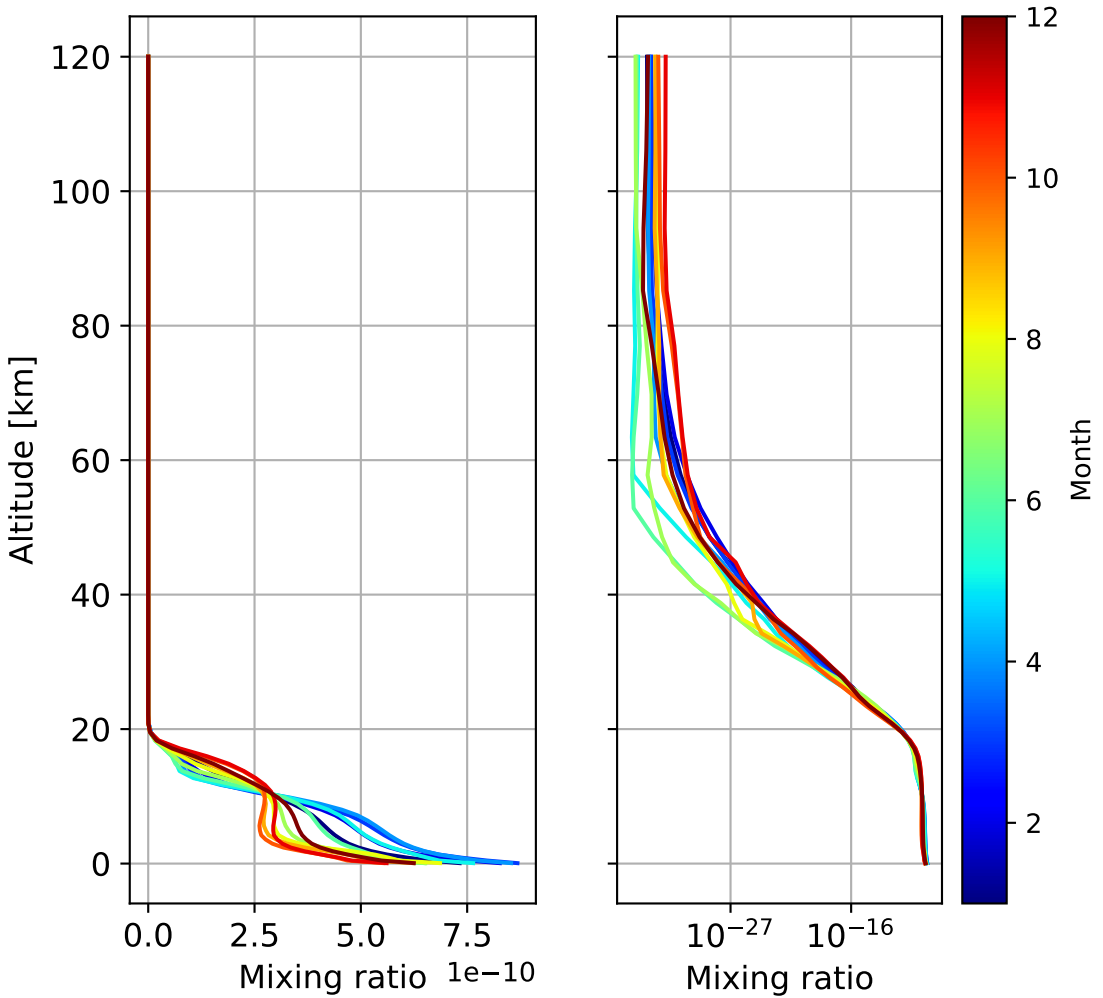
Time Series of vertical profiles (site altitude - 120 km)



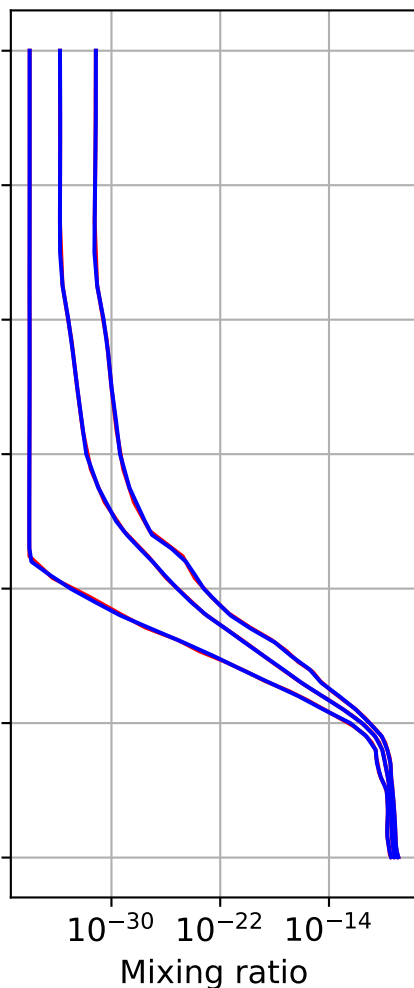
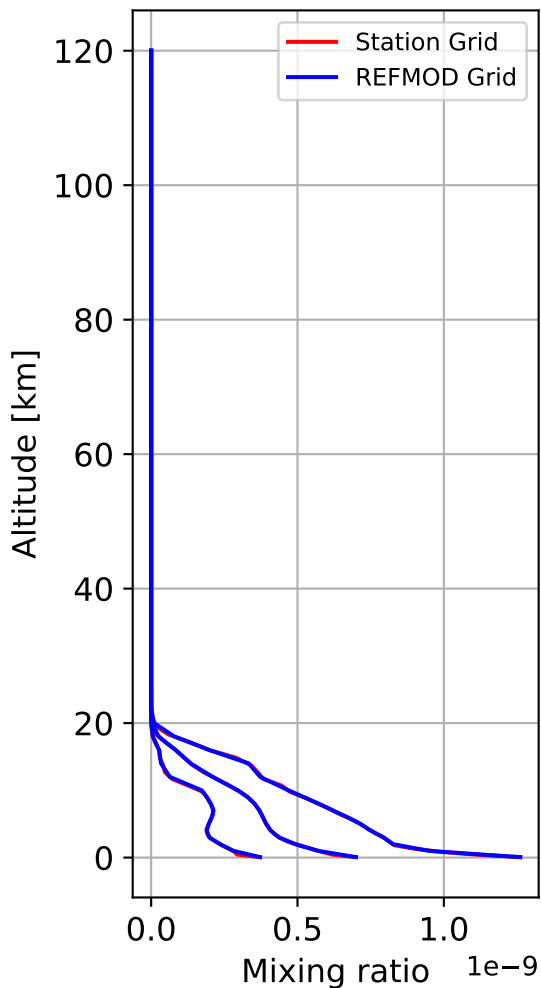
Time Series of vertical profiles (site altitude - 40 km)



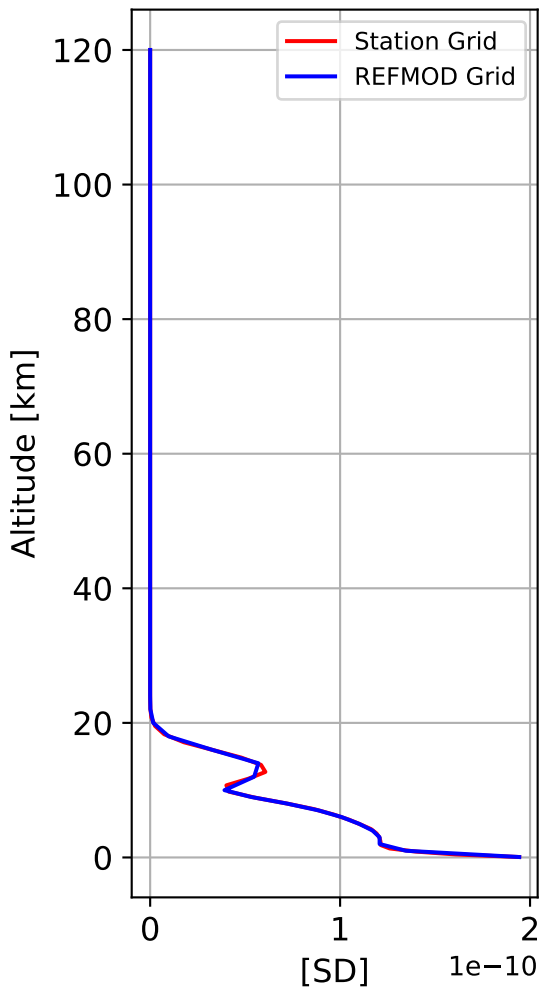
Monthly mean WACCM profile (interpolated to station grid) Halifax, 44.64N, 296.41E, 0.065kmasl



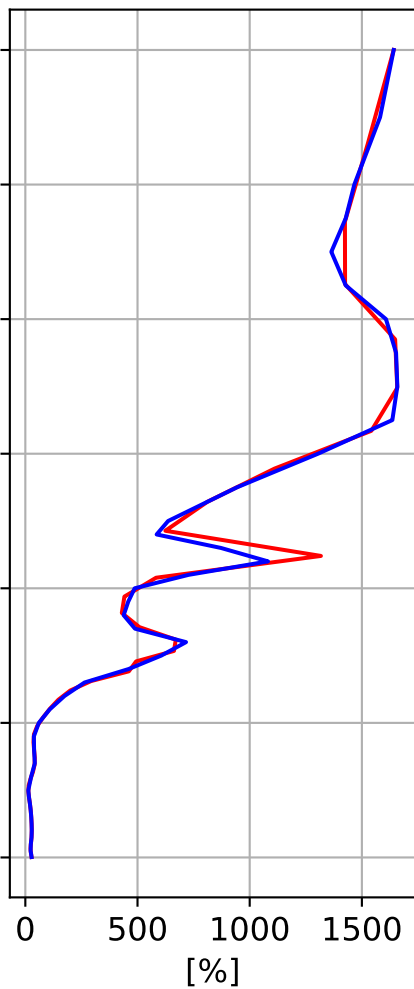
Min, Max, Mean of 732 profiles
Halifax, 44.64N, 296.41E, 0.065kmasl



Std. Deviation



Percent Deviation



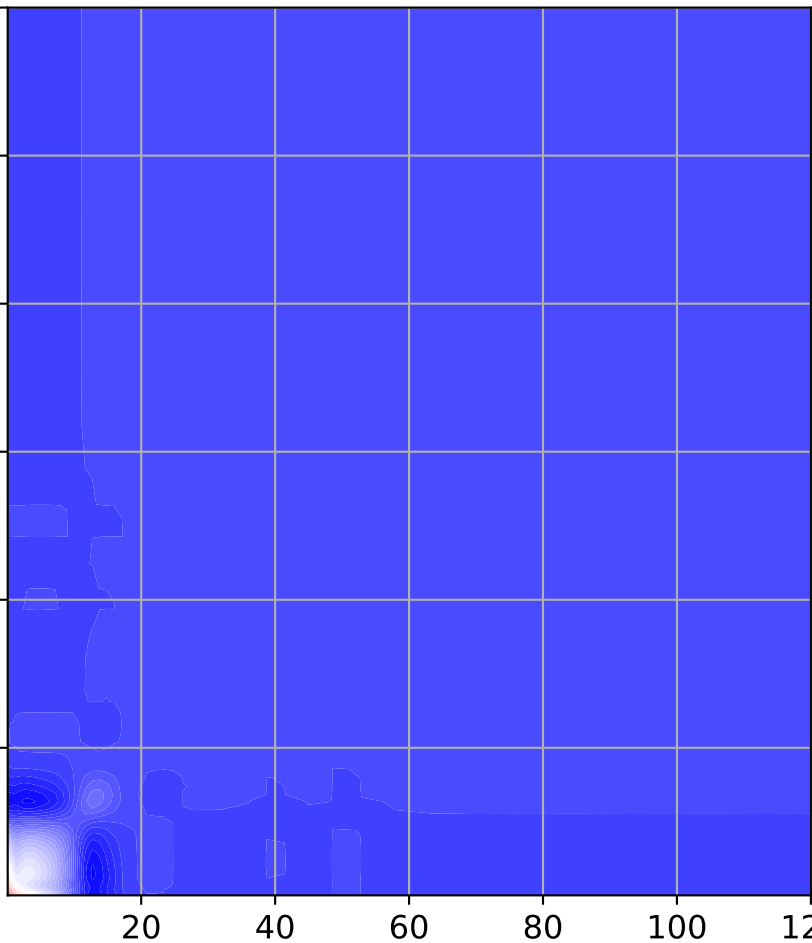
Level covariance matrix

$1e-20$

Altitude [km]

Mixing ratio[~ 2]

120
100
80
60
40
20



Altitude [km]

3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5