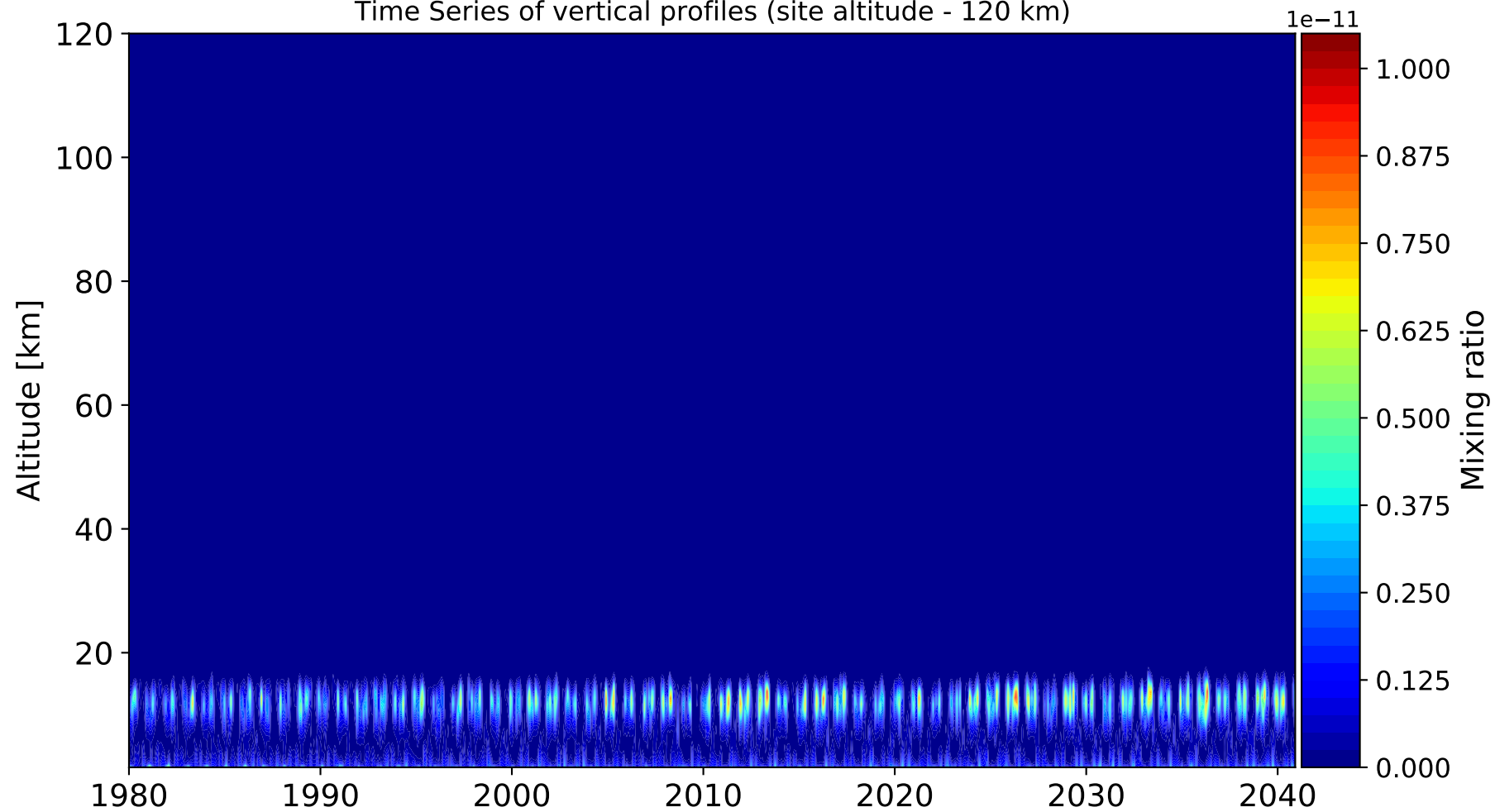
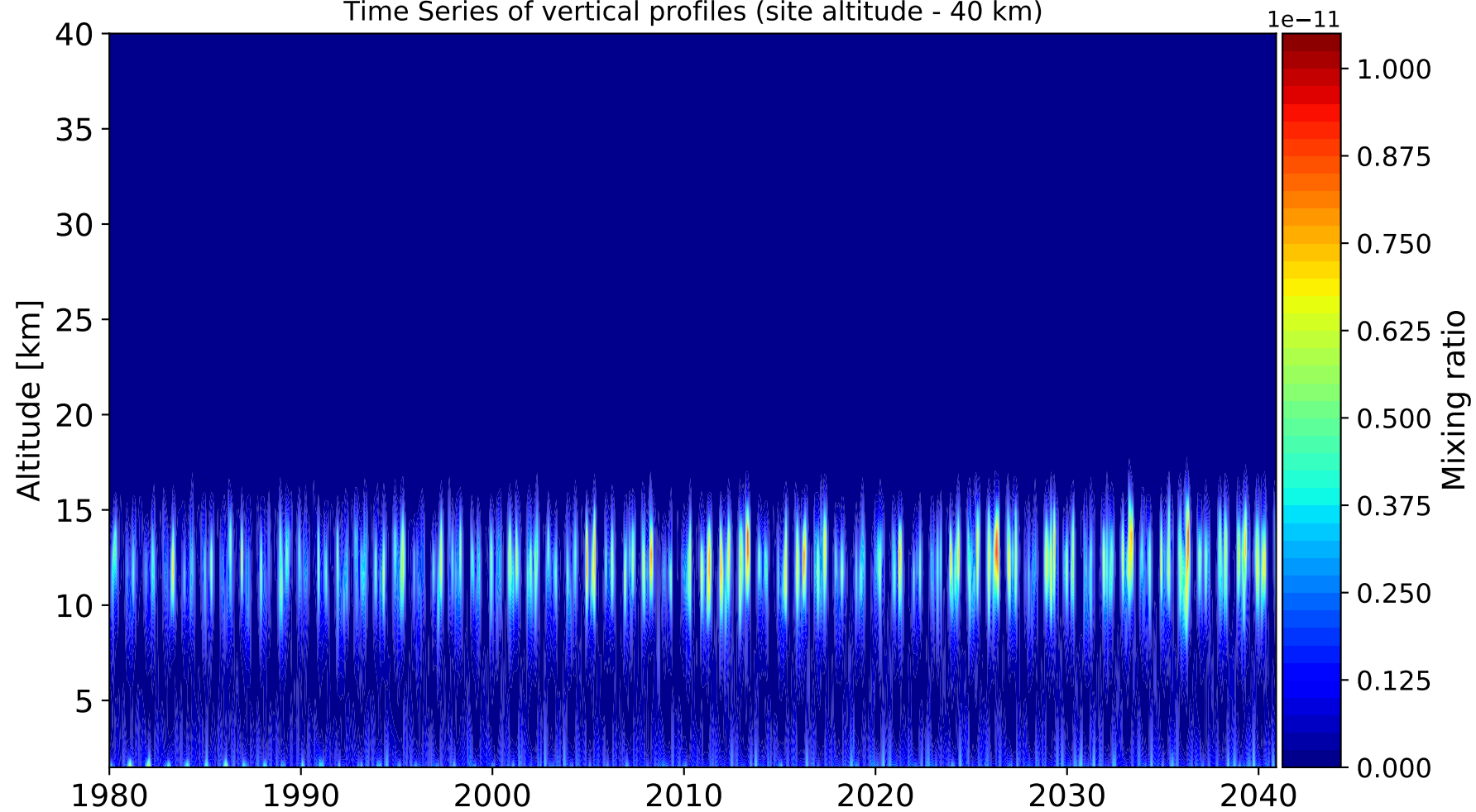


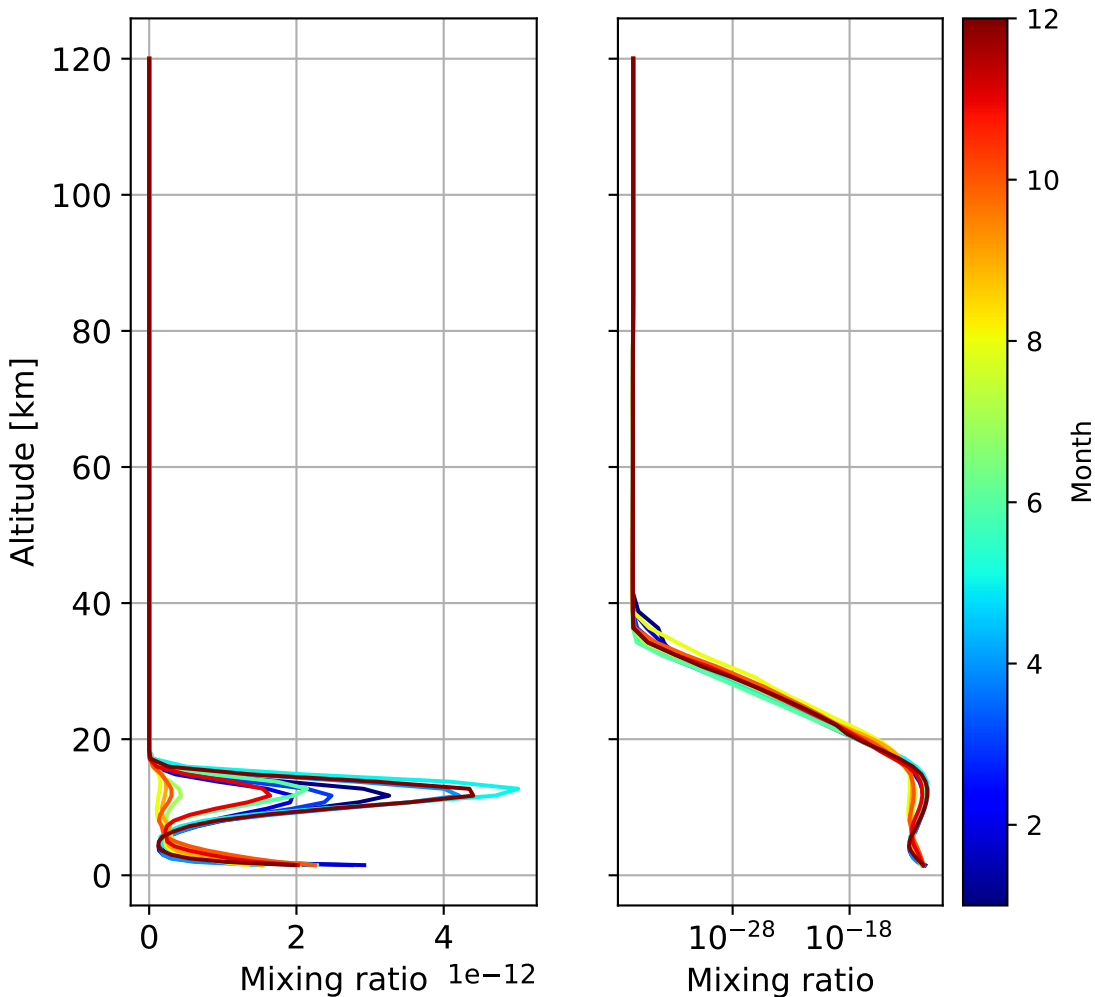
Time Series of vertical profiles (site altitude - 120 km)



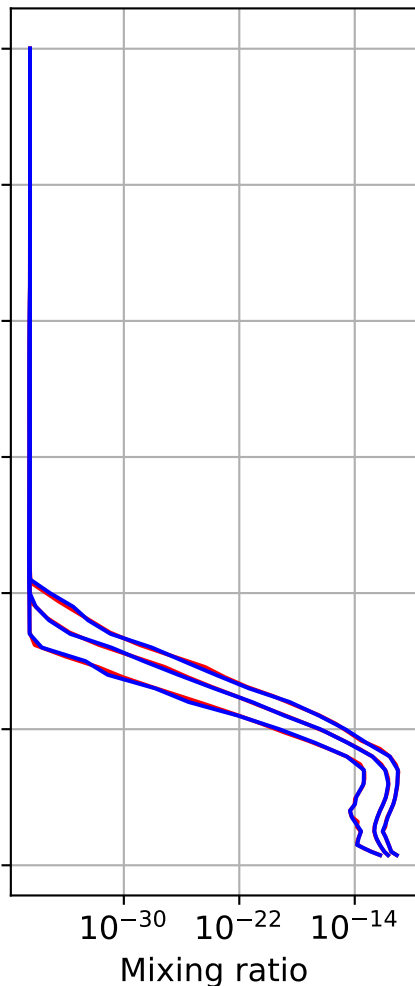
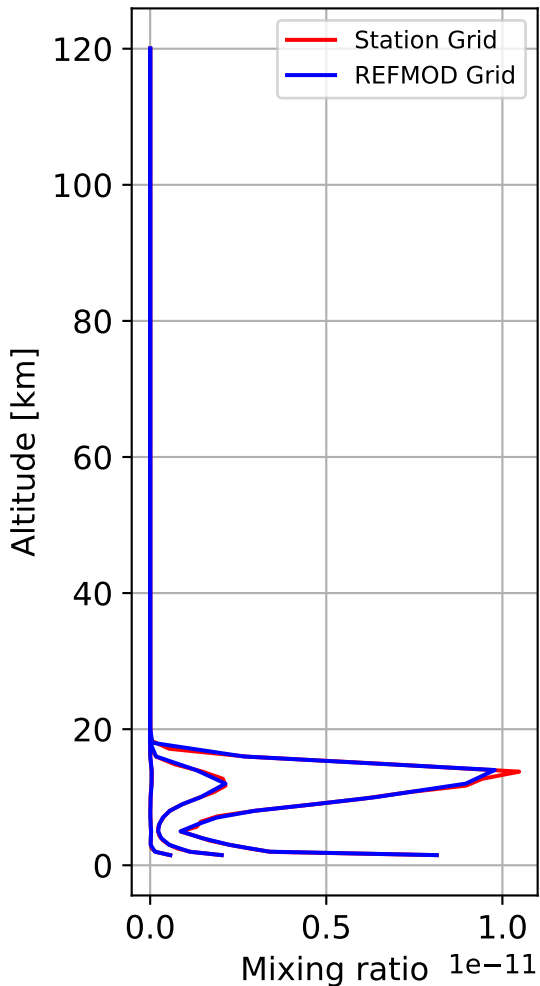
Time Series of vertical profiles (site altitude - 40 km)



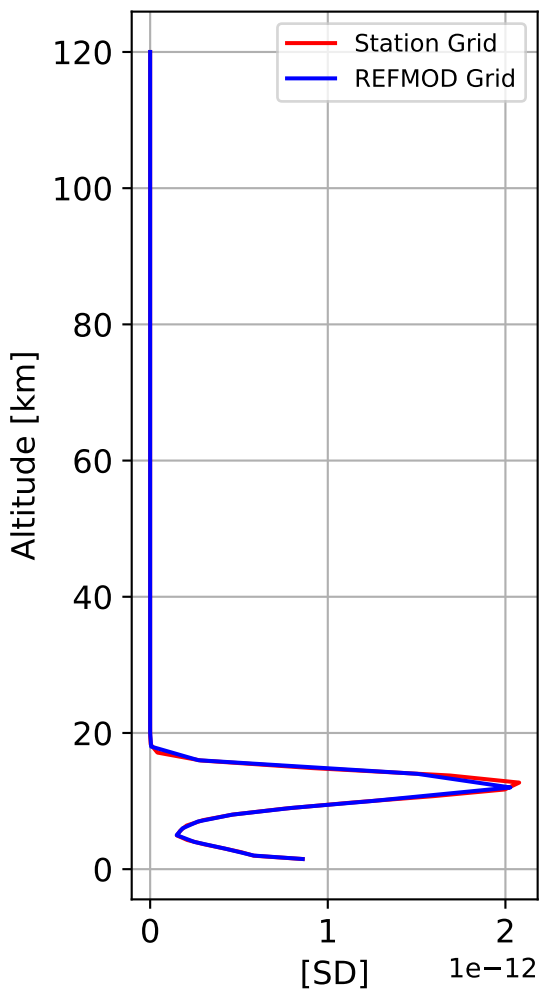
Monthly mean WACCM profile (interpolated to station grid) Harare, 17.83N, 31.05E, 1.49kmasl



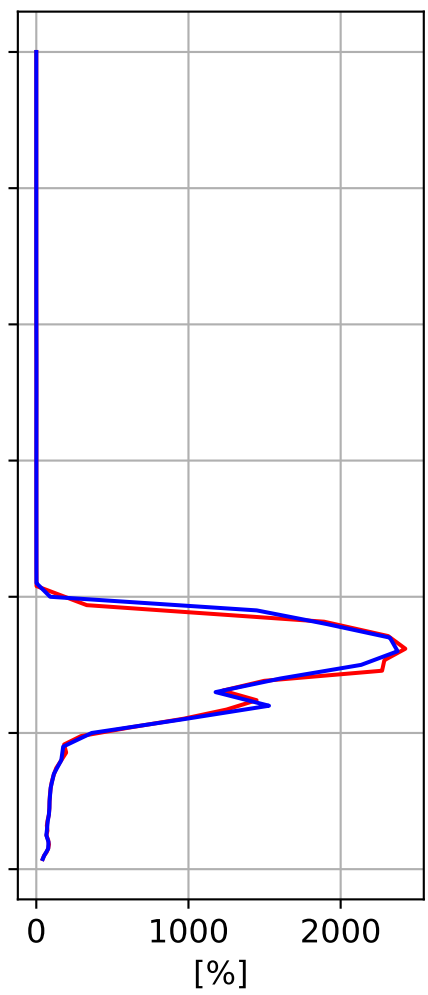
Min, Max, Mean of 732 profiles
Harare, 17.83N, 31.05E, 1.49kmasl



Std. Deviation



Percent Deviation

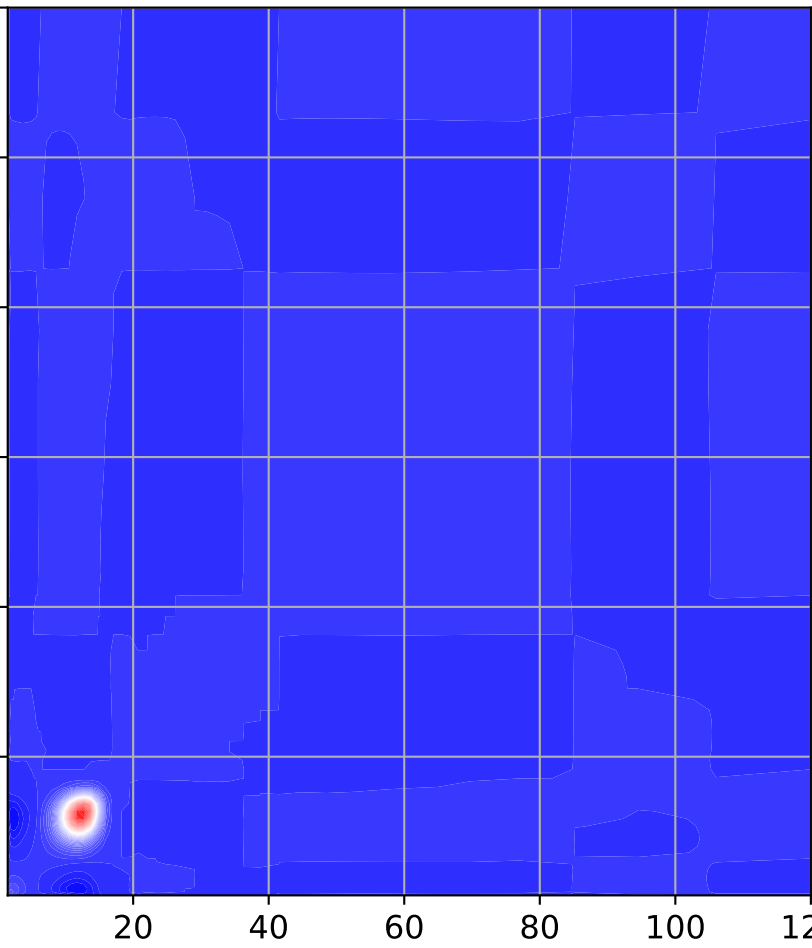


Level covariance matrix

1e-24

Altitude [km]

120
100
80
60
40
20



Mixing ratio[~ 2]

4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5

Altitude [km]