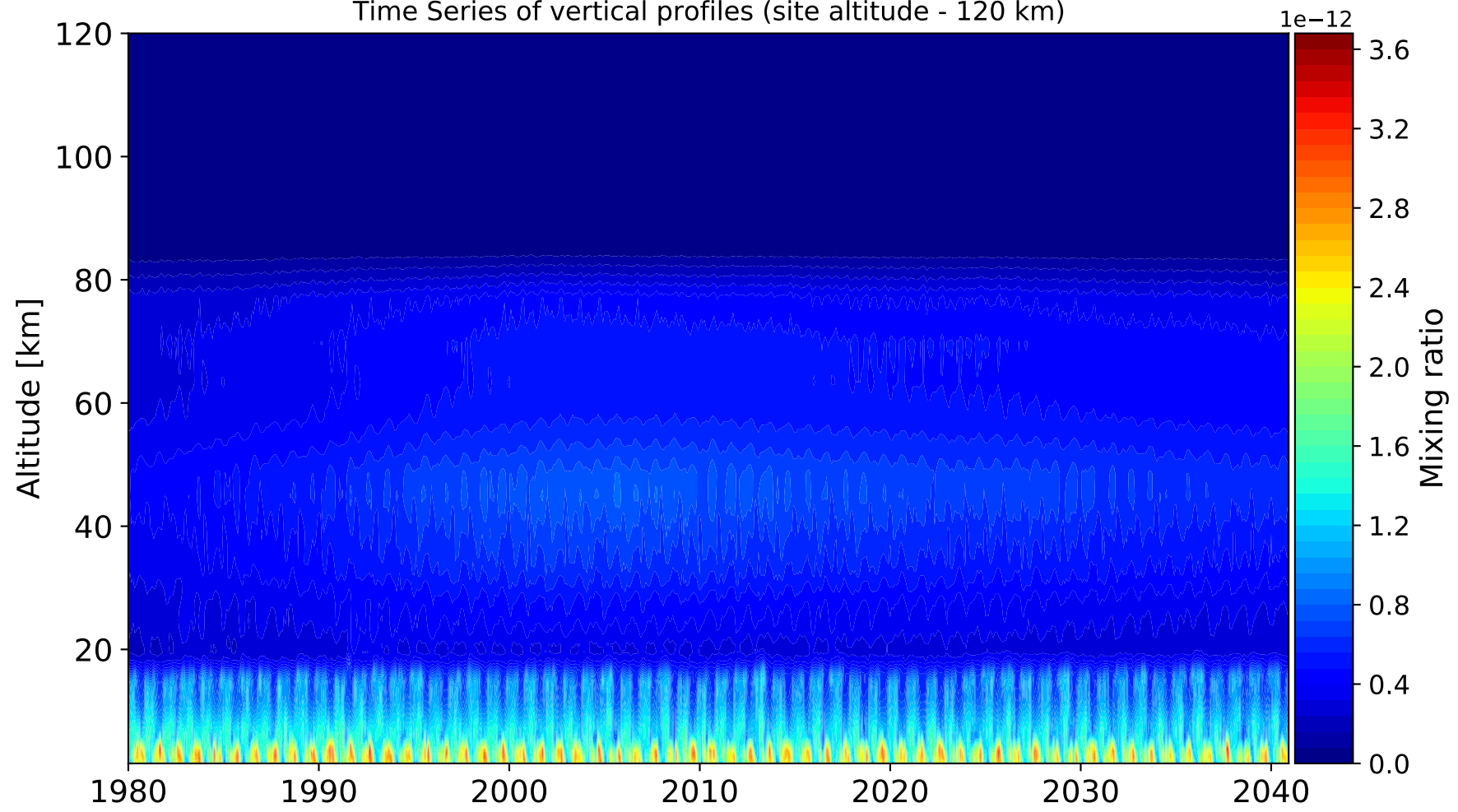
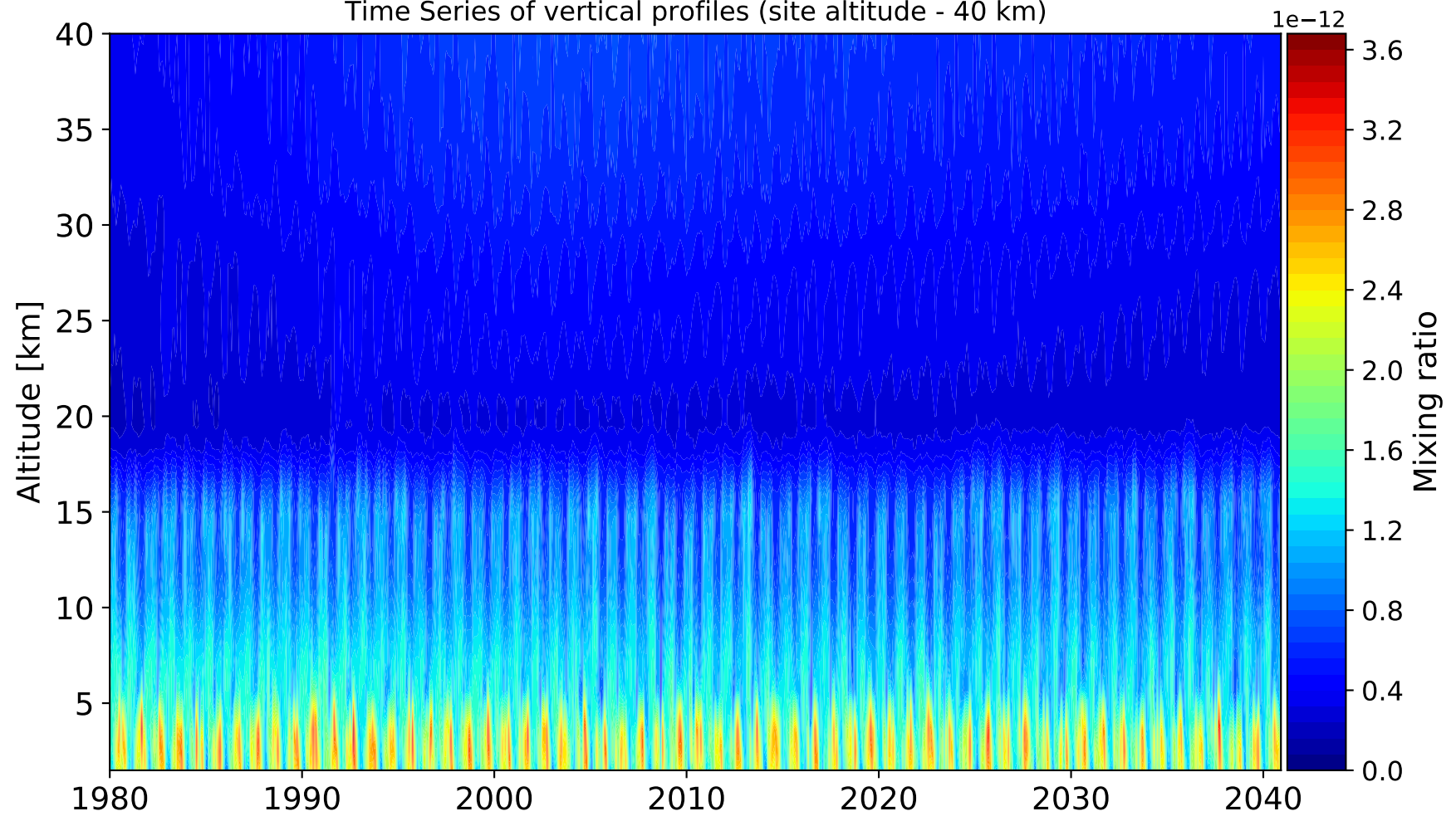


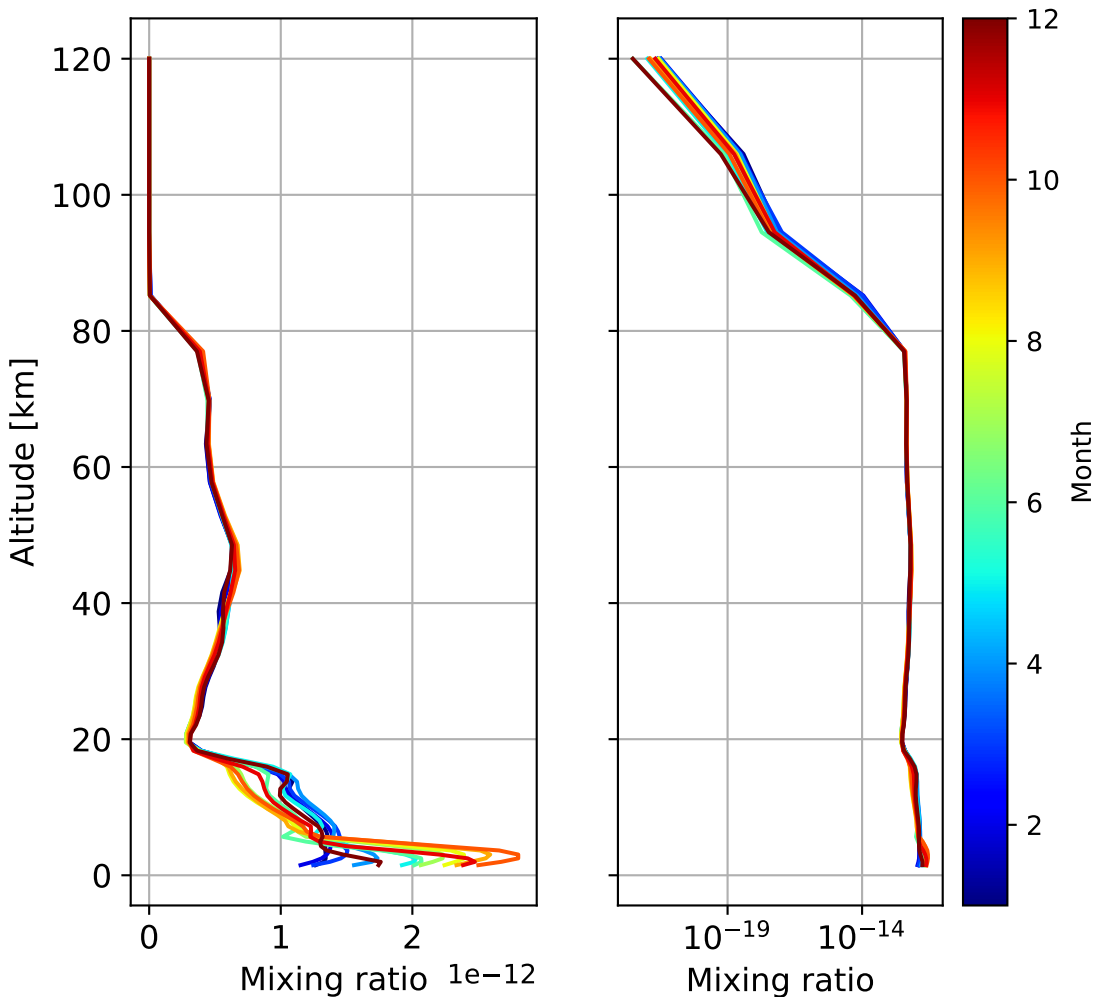
Time Series of vertical profiles (site altitude - 120 km)



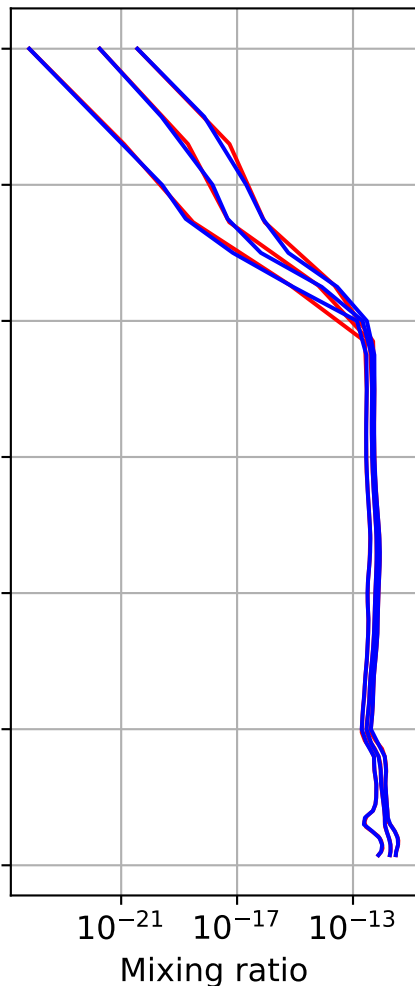
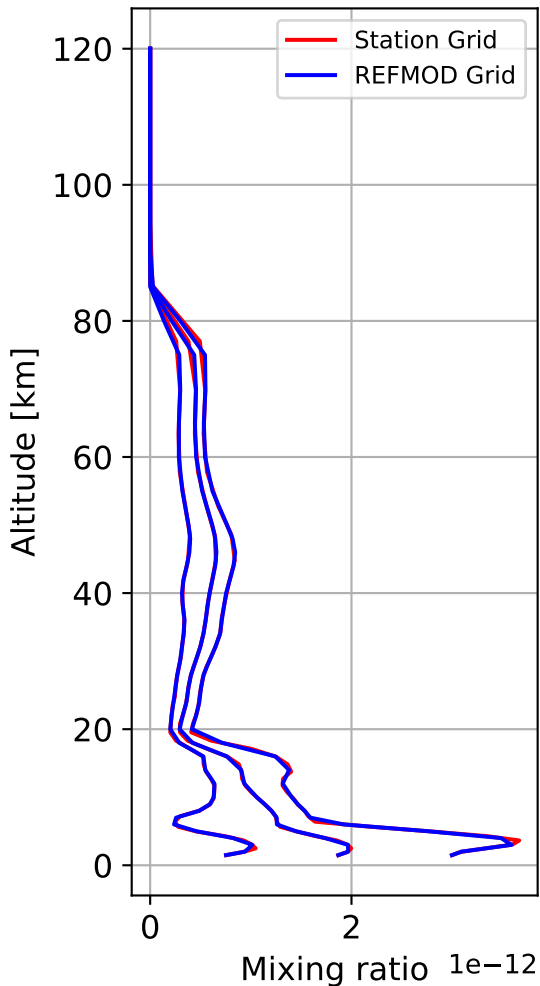
Time Series of vertical profiles (site altitude - 40 km)



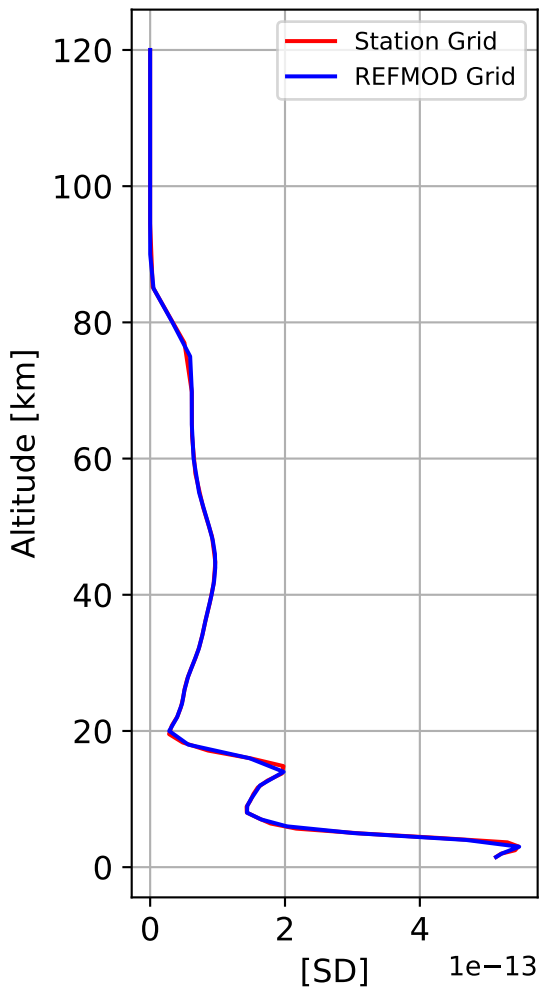
Monthly mean WACCM profile (interpolated to station grid) Harare, 17.83N, 31.05E, 1.49kmasl



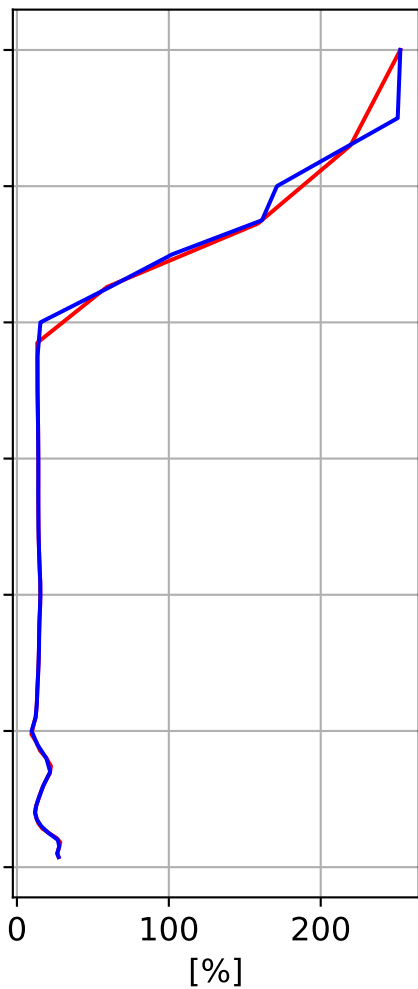
Min, Max, Mean of 732 profiles
Harare, 17.83N, 31.05E, 1.49kmasl



Std. Deviation



Percent Deviation

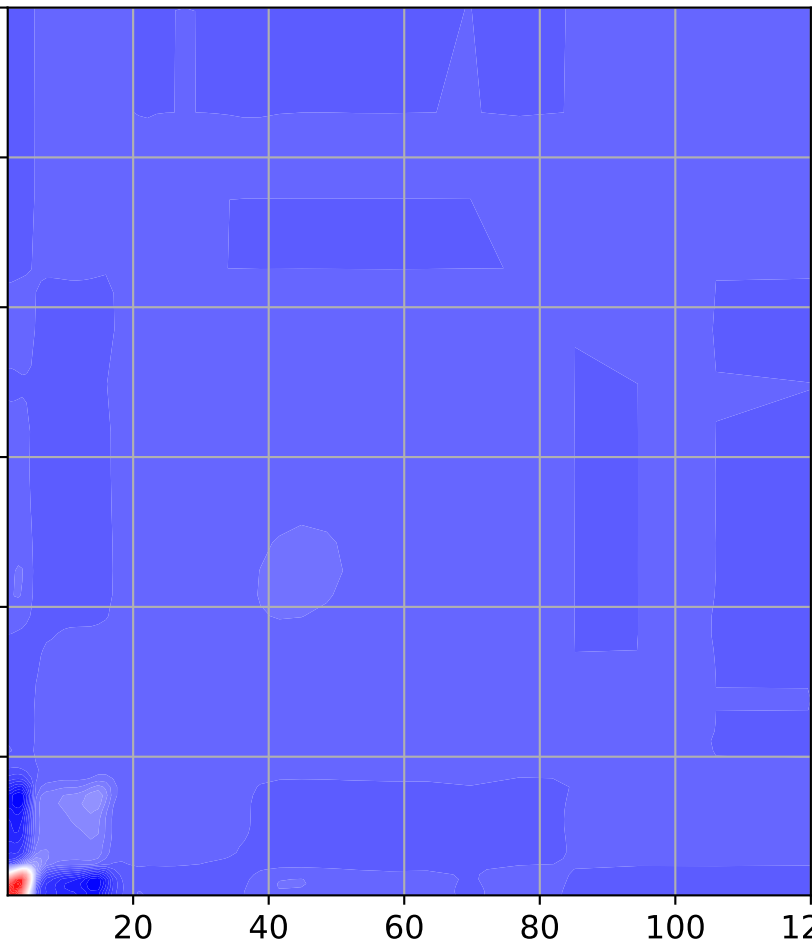


Level covariance matrix

1e-25

Altitude [km]

120
100
80
60
40
20



Altitude [km]

Mixing ratio²

2.8
2.4
2.0
1.6
1.2
0.8
0.4
0.0
-0.4