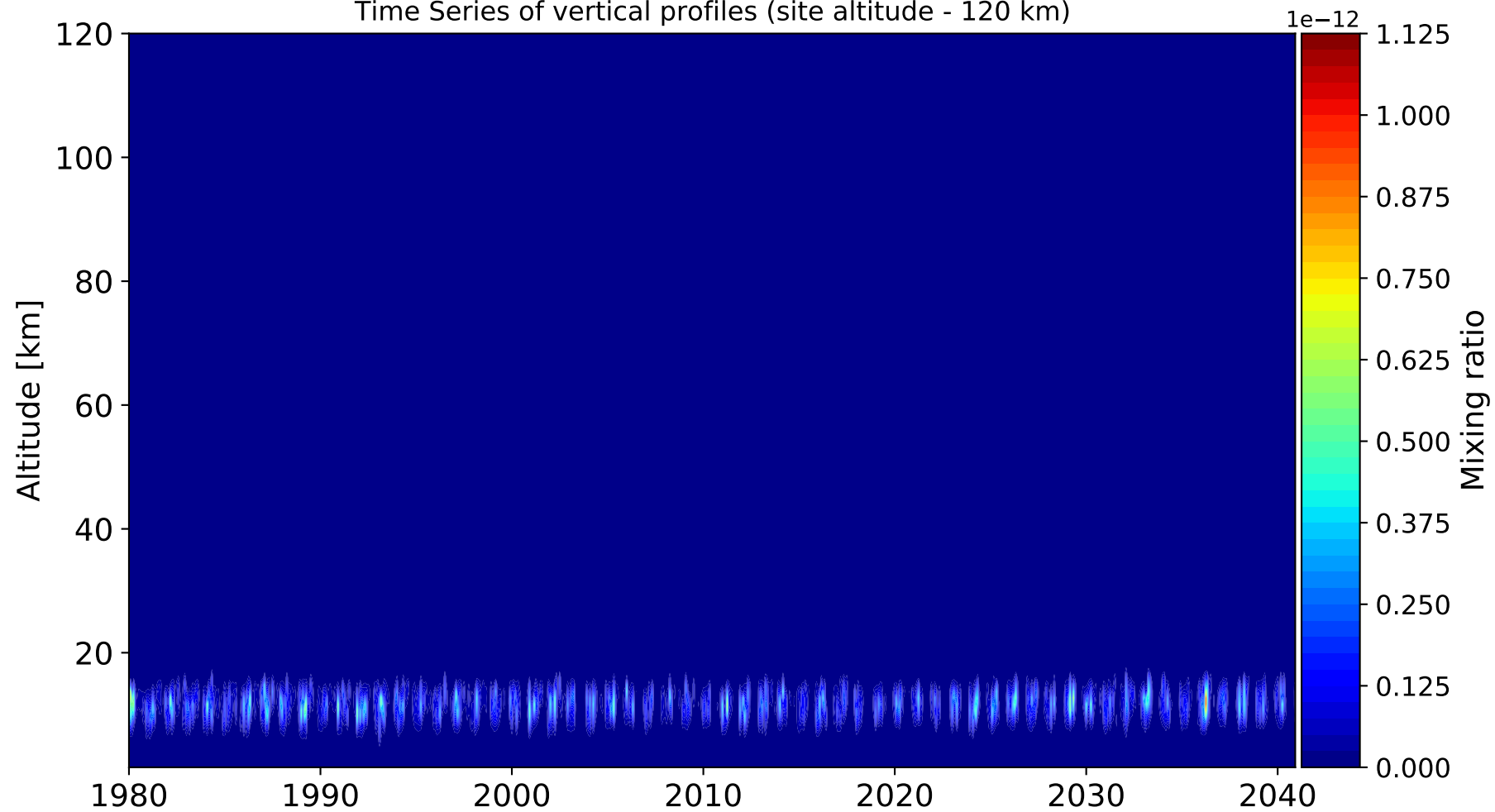
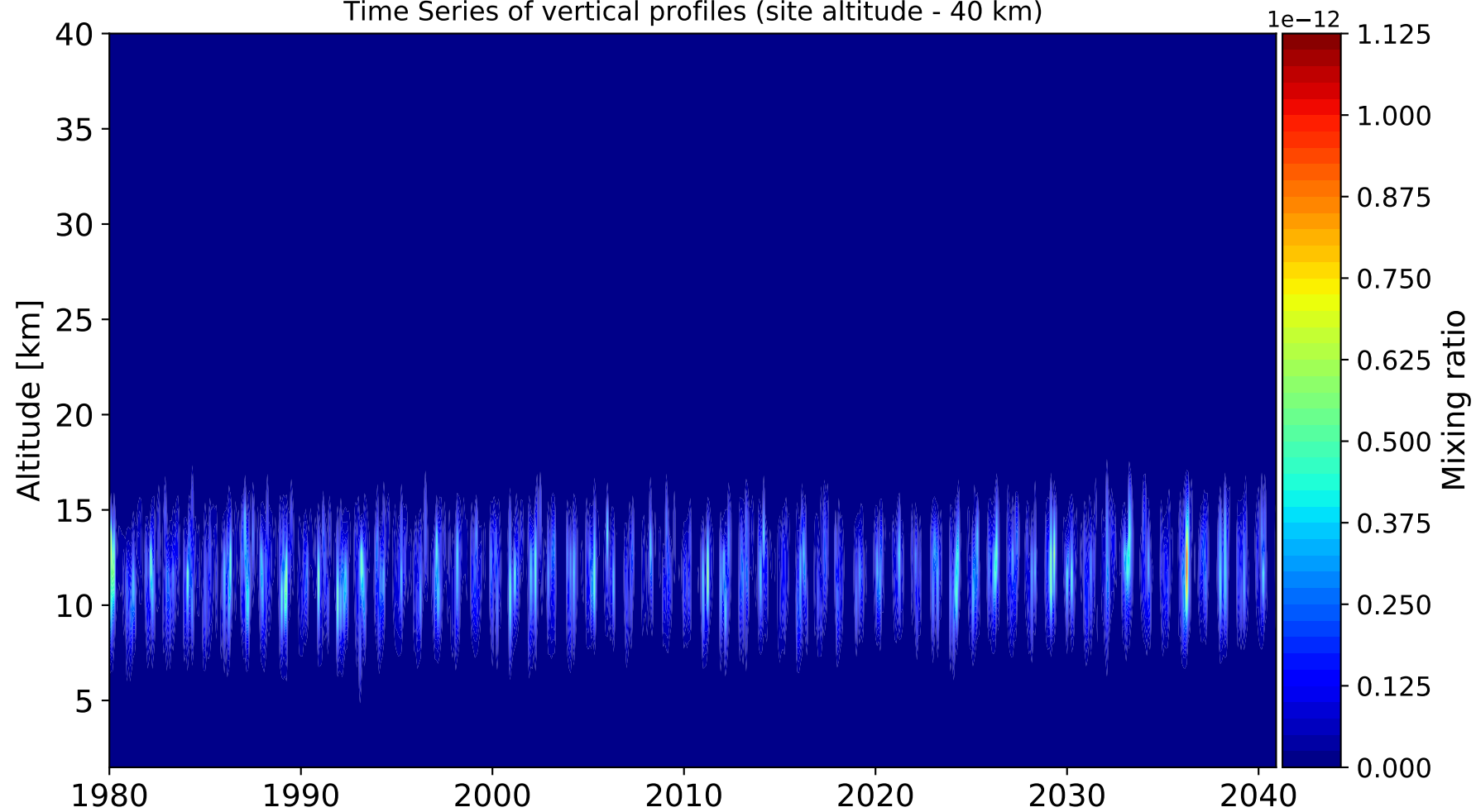


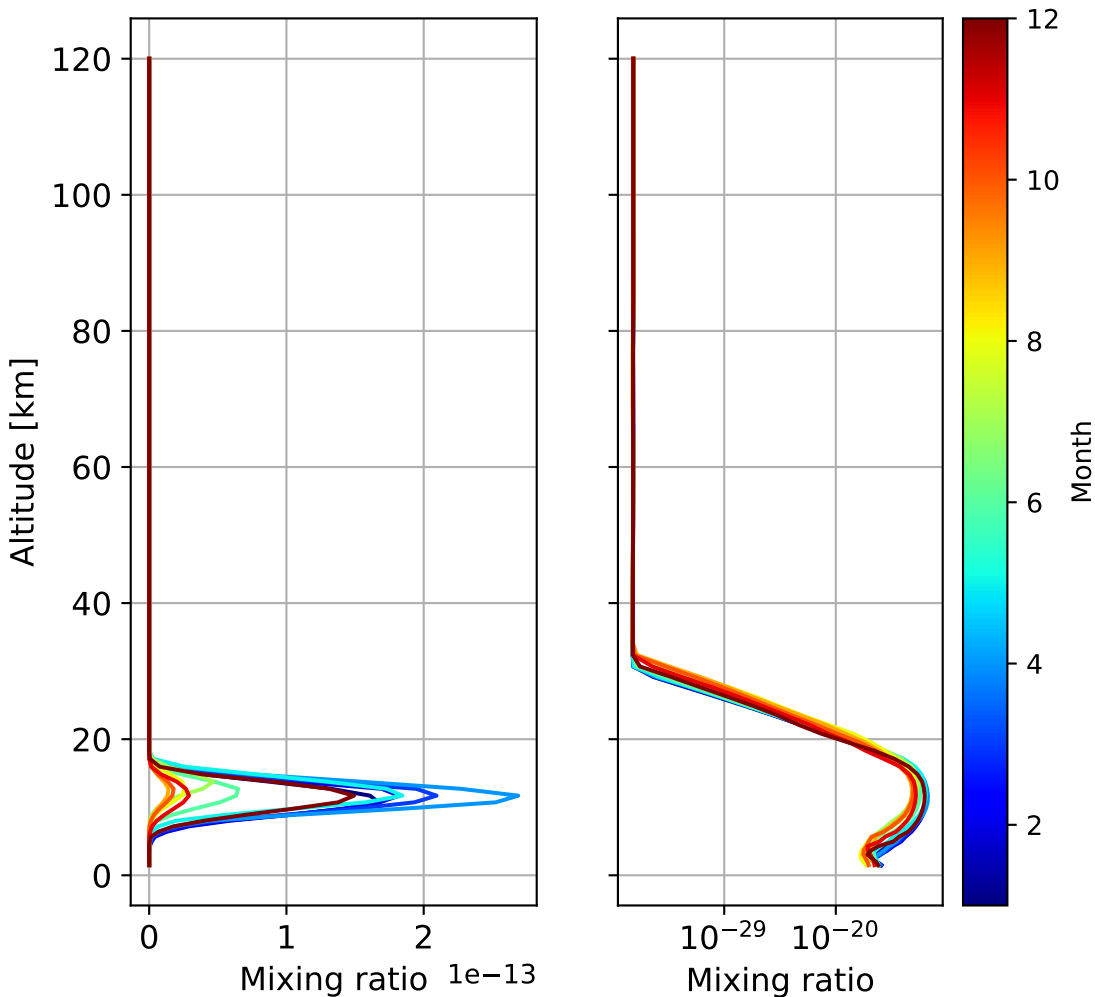
Time Series of vertical profiles (site altitude - 120 km)



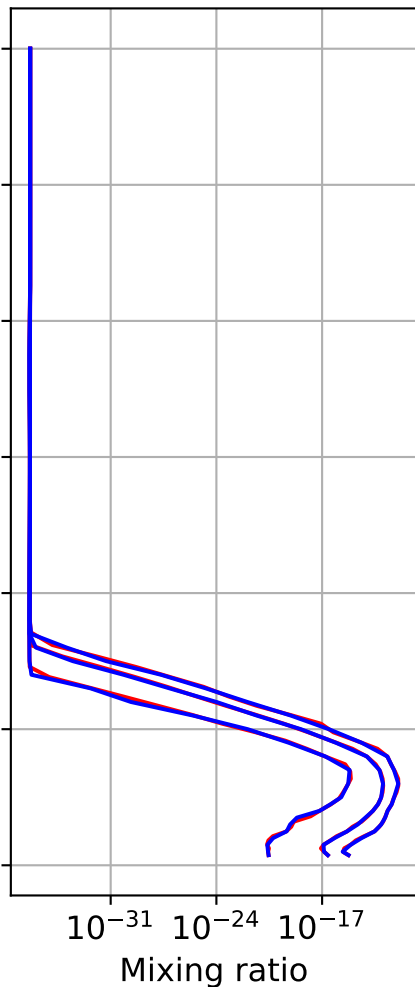
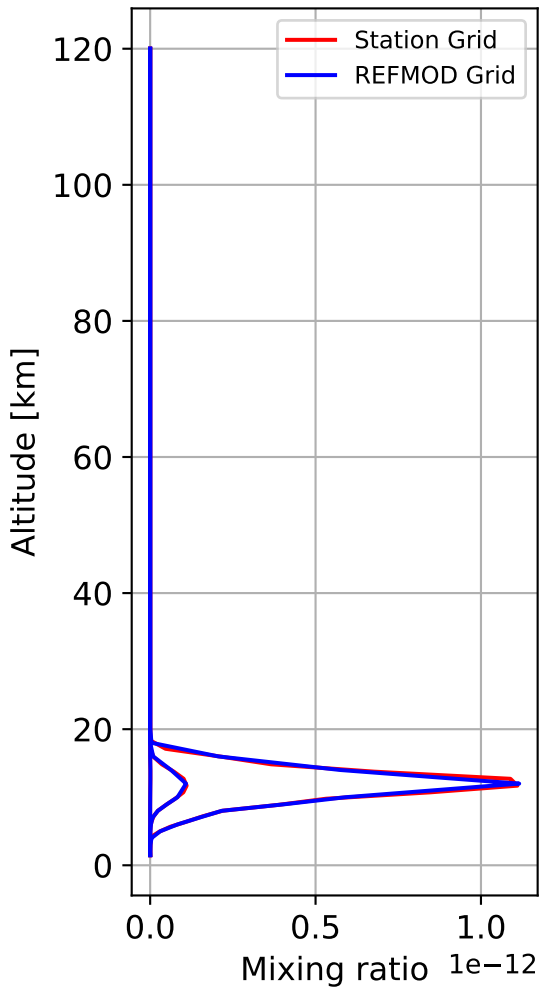
Time Series of vertical profiles (site altitude - 40 km)



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

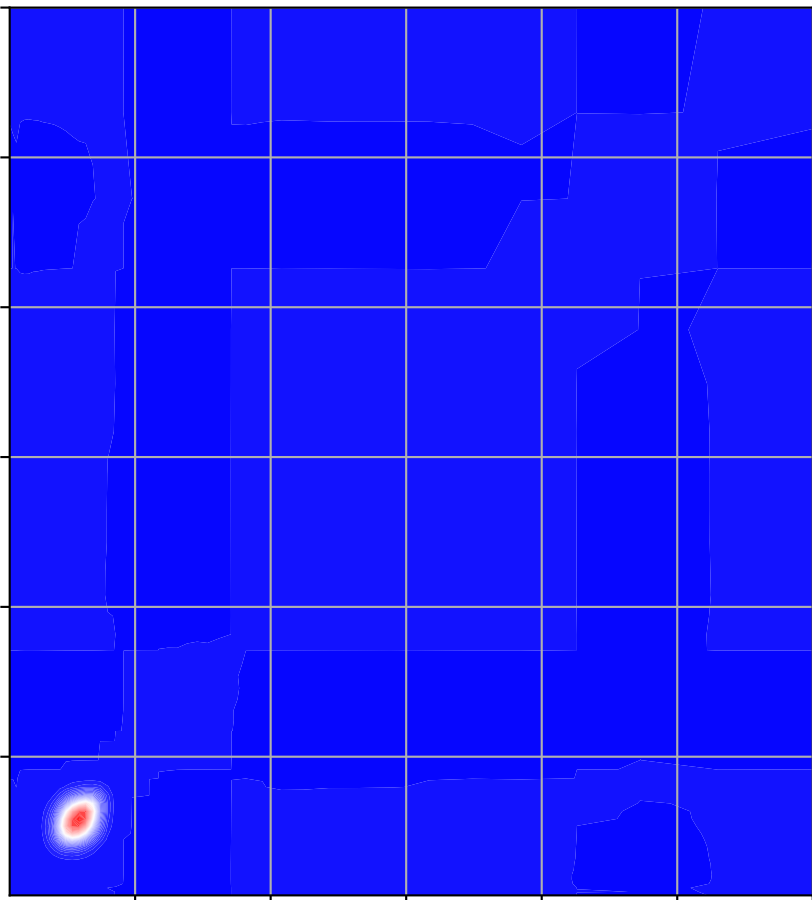


Level covariance matrix

1e-26

Altitude [km]

120
100
80
60
40
20



Mixing ratio[^2]

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0

Altitude [km]