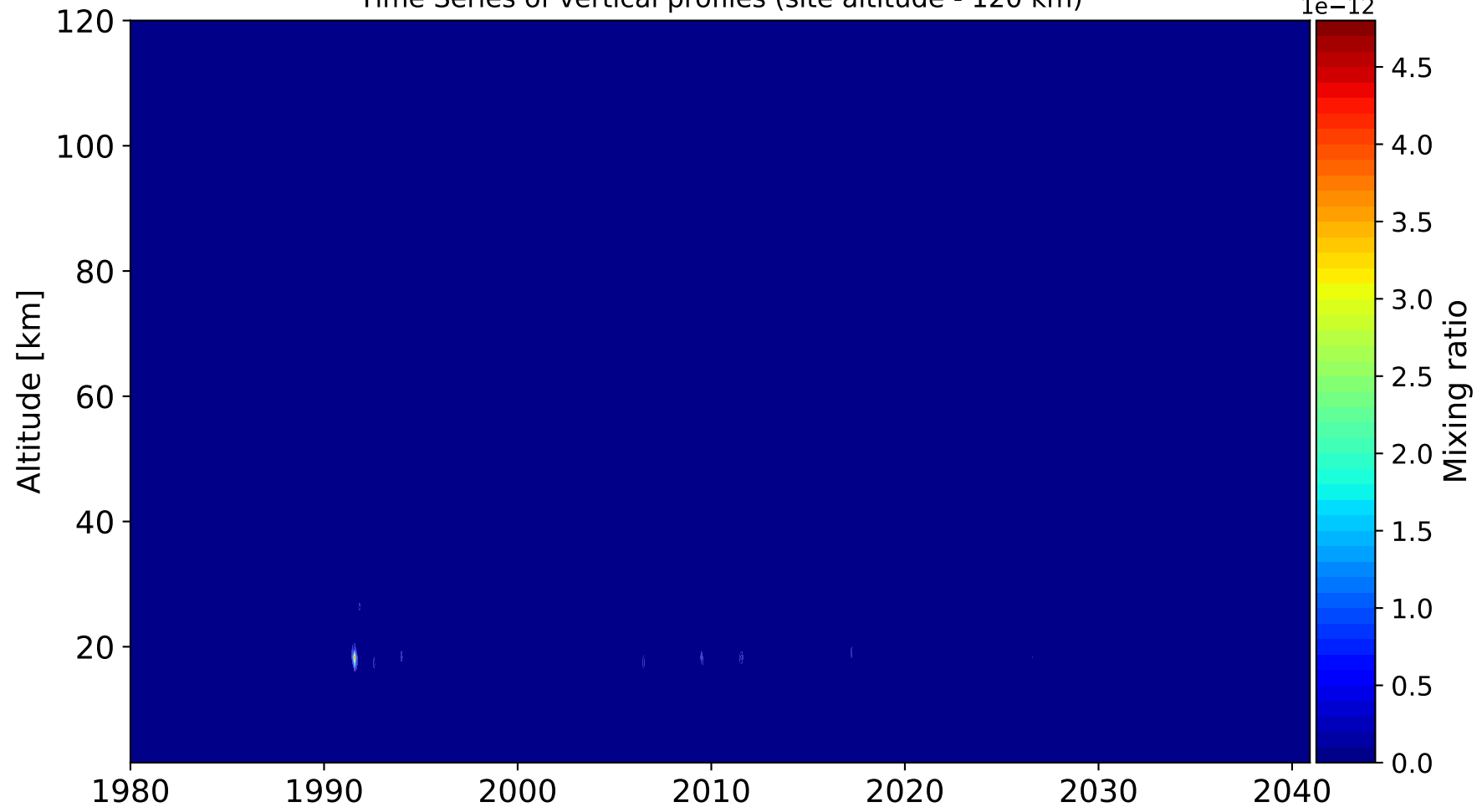


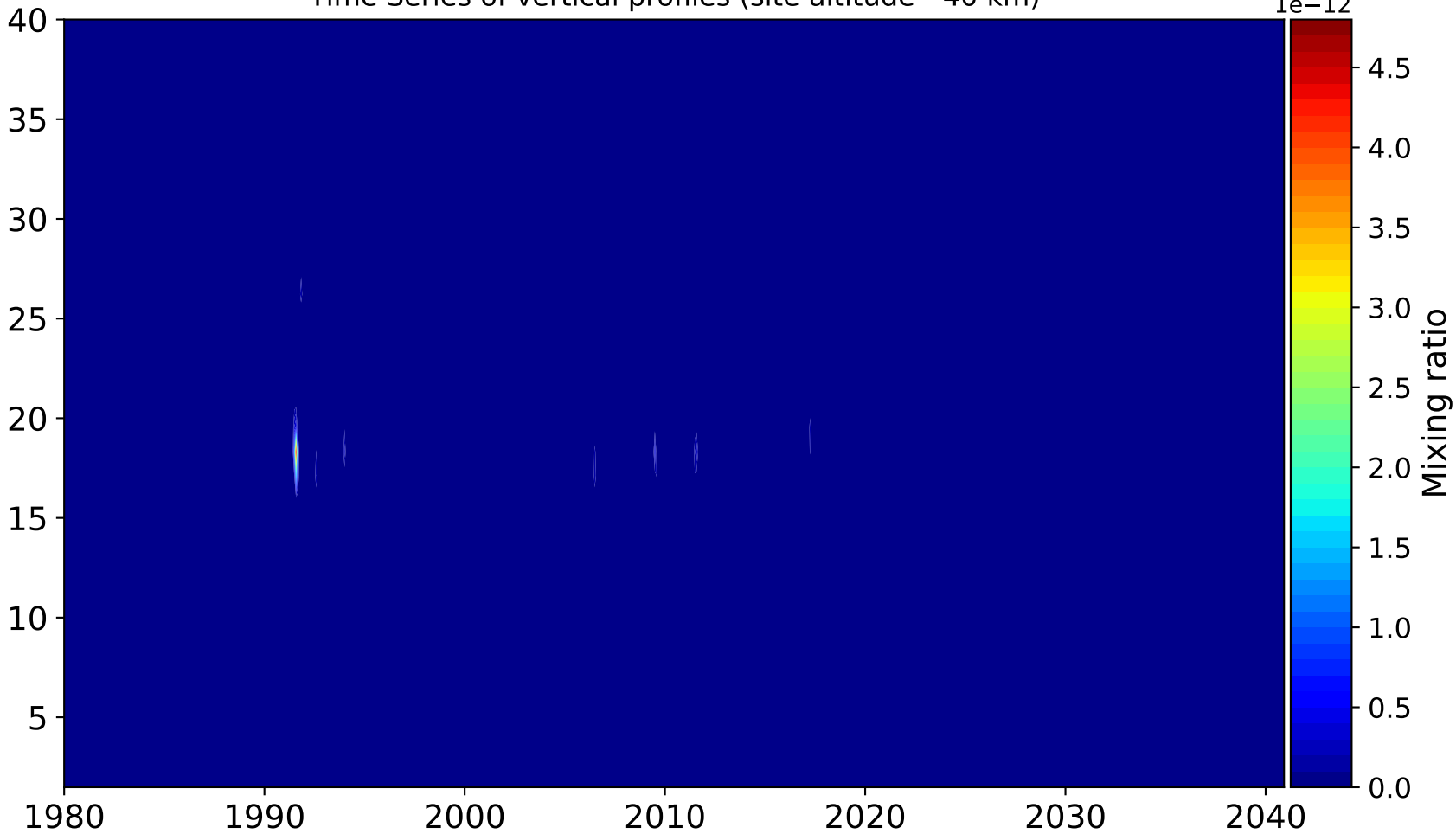
Time Series of vertical profiles (site altitude - 120 km)



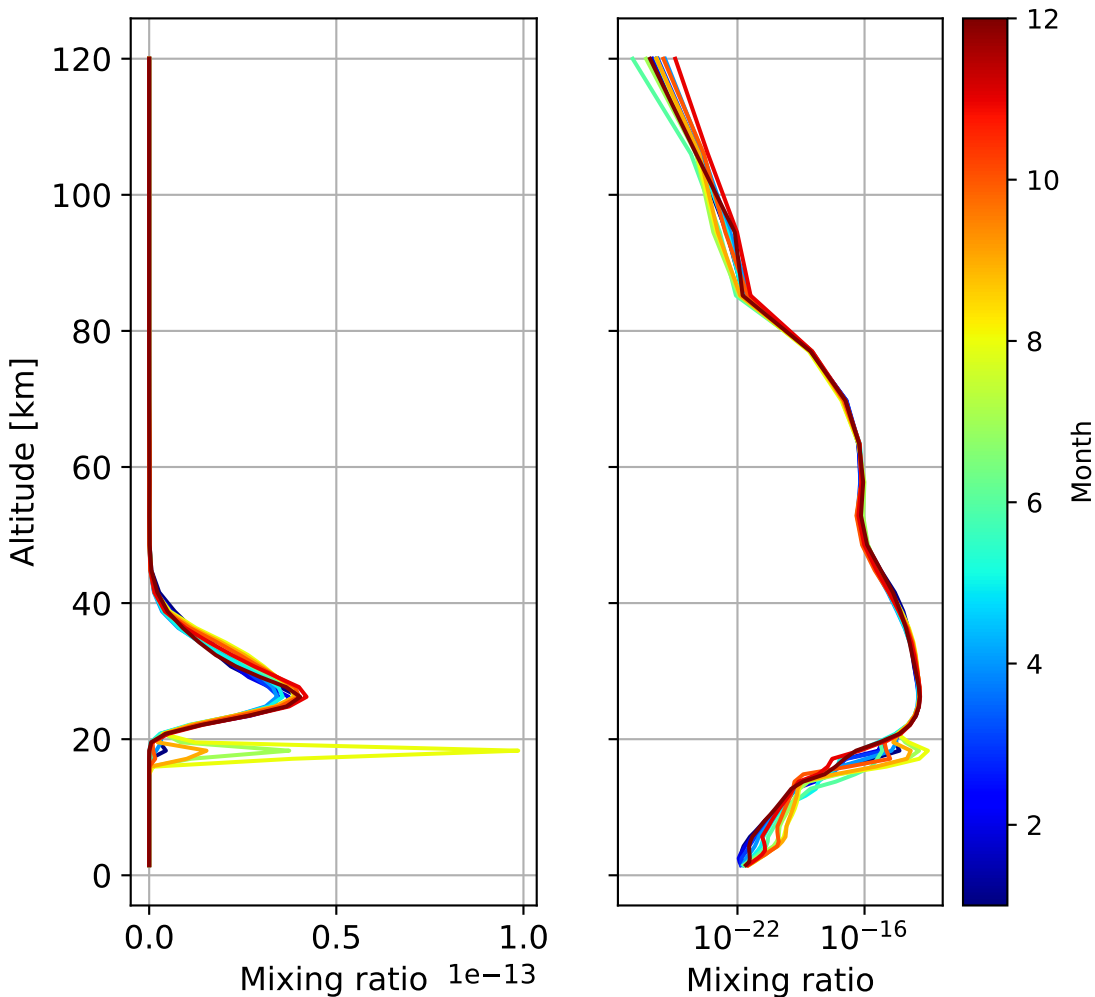
Time Series of vertical profiles (site altitude - 40 km)

$1e-12$

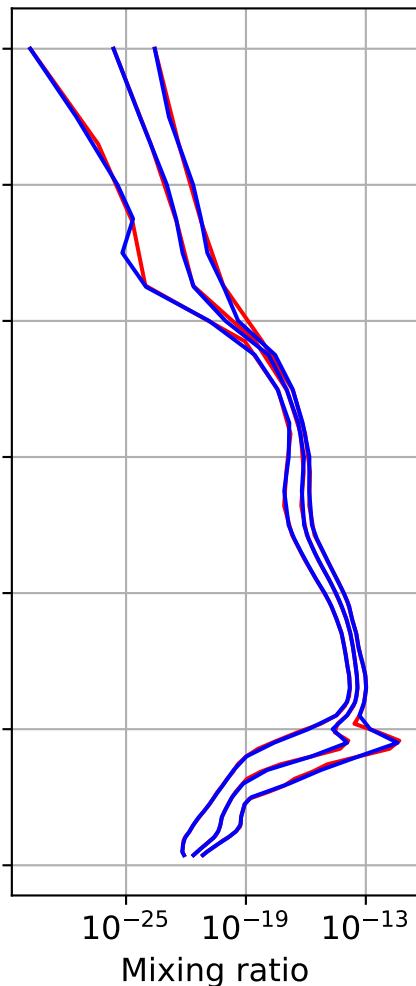
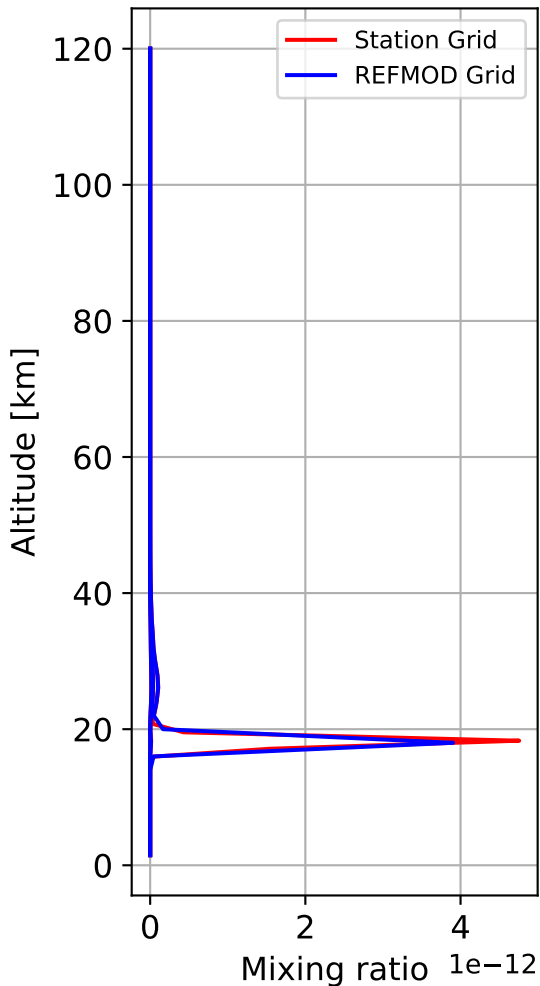
Altitude [km]



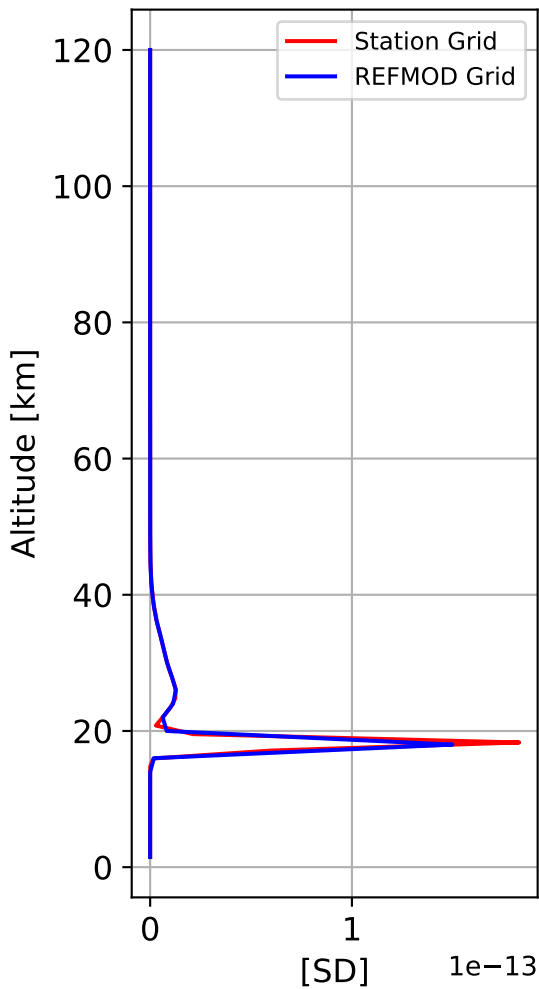
Monthly mean WACCM profile (interpolated to station grid) Harare, 17.83N, 31.05E, 1.49kmasl



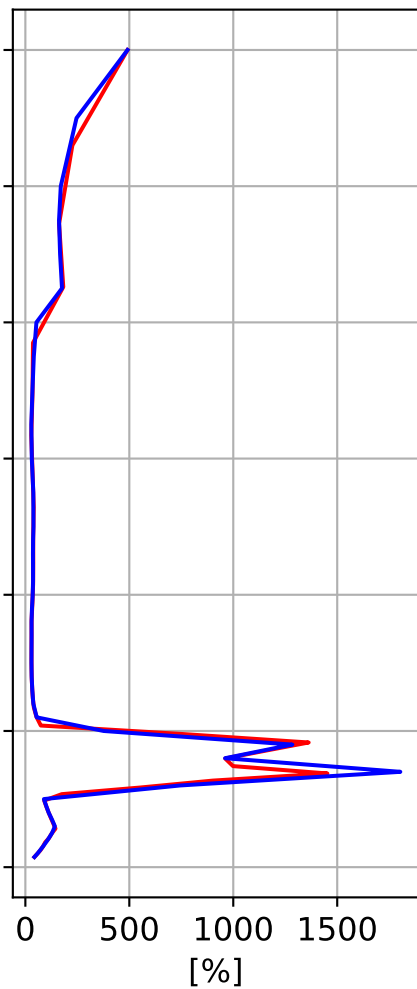
Min, Max, Mean of 732 profiles
Harare, 17.83N, 31.05E, 1.49kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

$1e-26$

Altitude [km]

120
100
80
60
40
20

20

40

60

80

100

120

Altitude [km]

Mixing ratio[~ 2]

3.2
2.8
2.4
2.0
1.6
1.2
0.8
0.4
0.0

