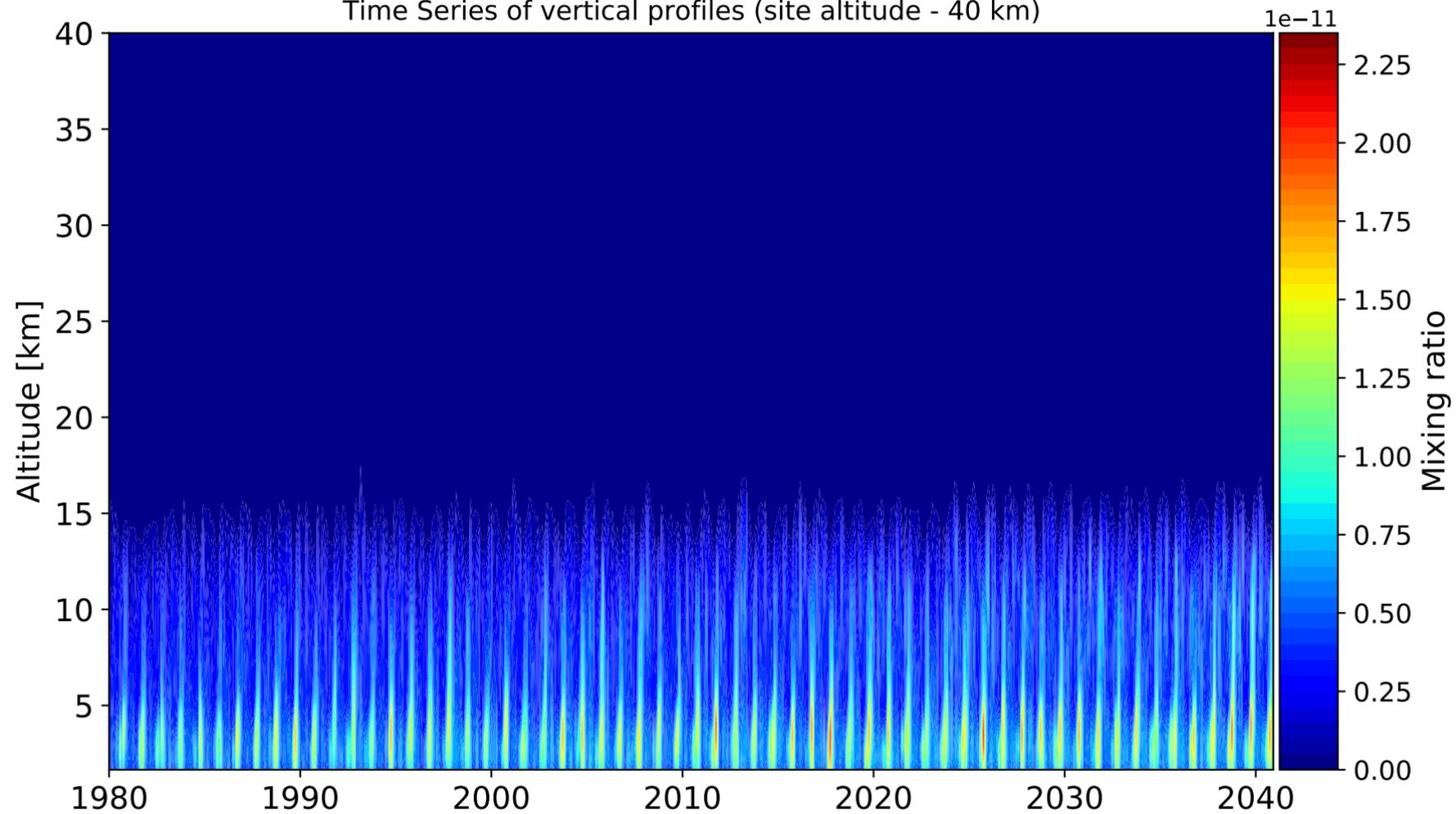
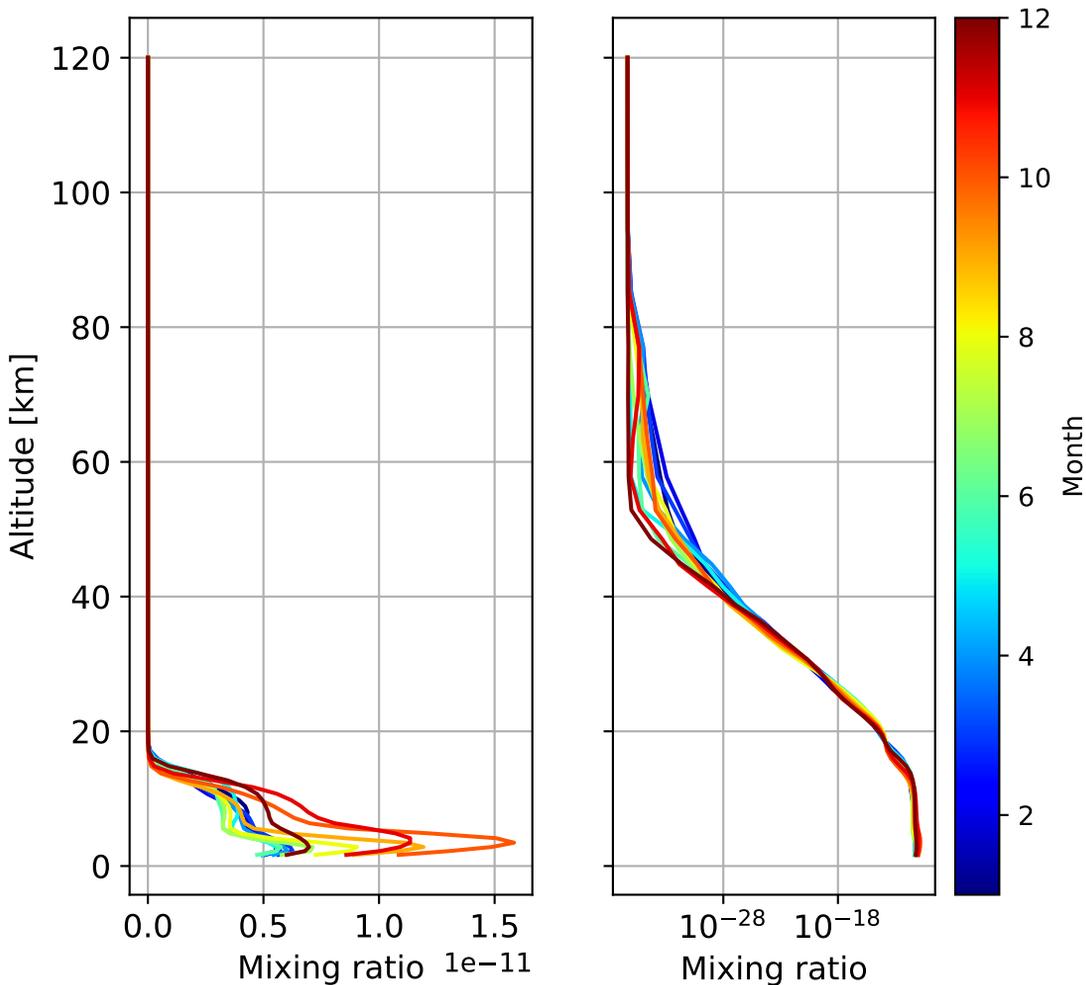




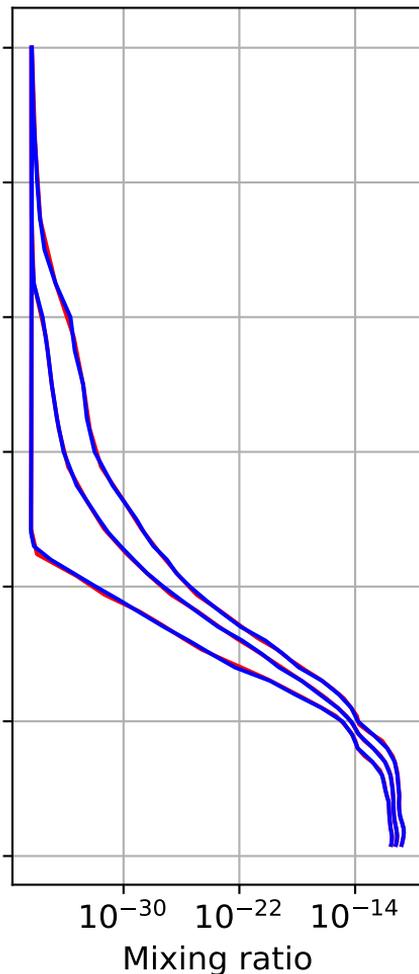
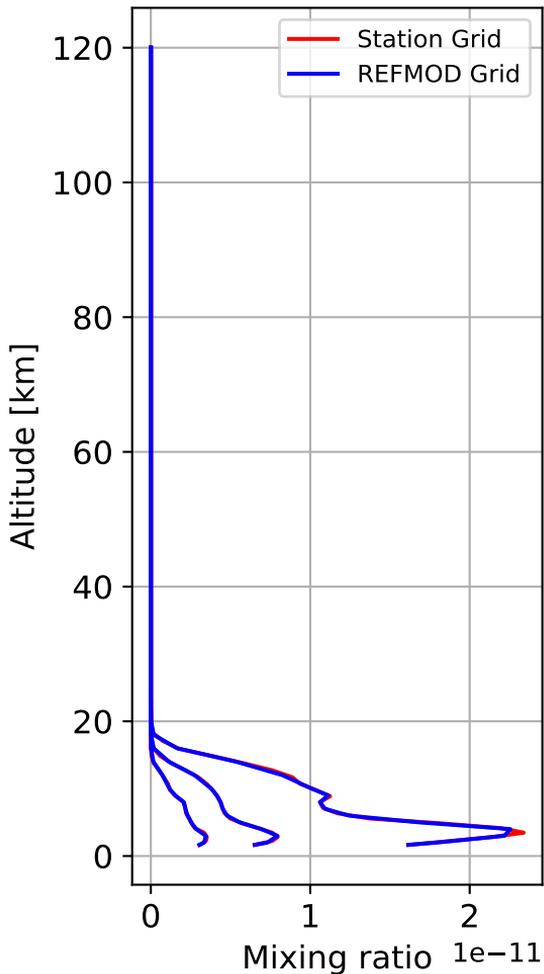
Time Series of vertical profiles (site altitude - 40 km)



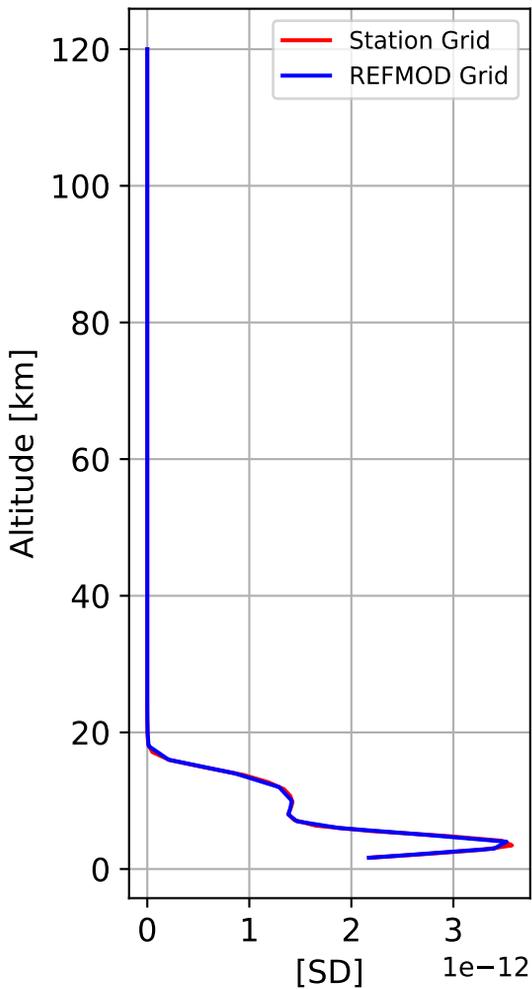
Monthly mean WACCM profile (interpolated to station grid)  
Windhoek, -22.57N, 17.08E, 1.655kmasl



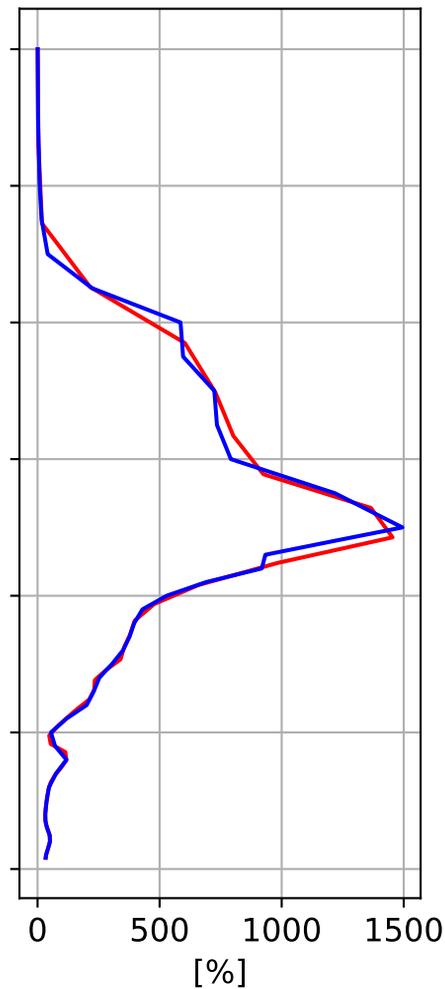
# Min, Max, Mean of 732 profiles Windhoek, -22.57N, 17.08E, 1.655kmasl



Std. Deviation



Percent Deviation



# Level covariance matrix

1e-23

Altitude [km]

120  
100  
80  
60  
40  
20

20

40

60

80

100

120

Altitude [km]

1.20  
1.05  
0.90  
0.75  
0.60  
0.45  
0.30  
0.15  
0.00

Mixing ratio[ $\sim 2$ ]

