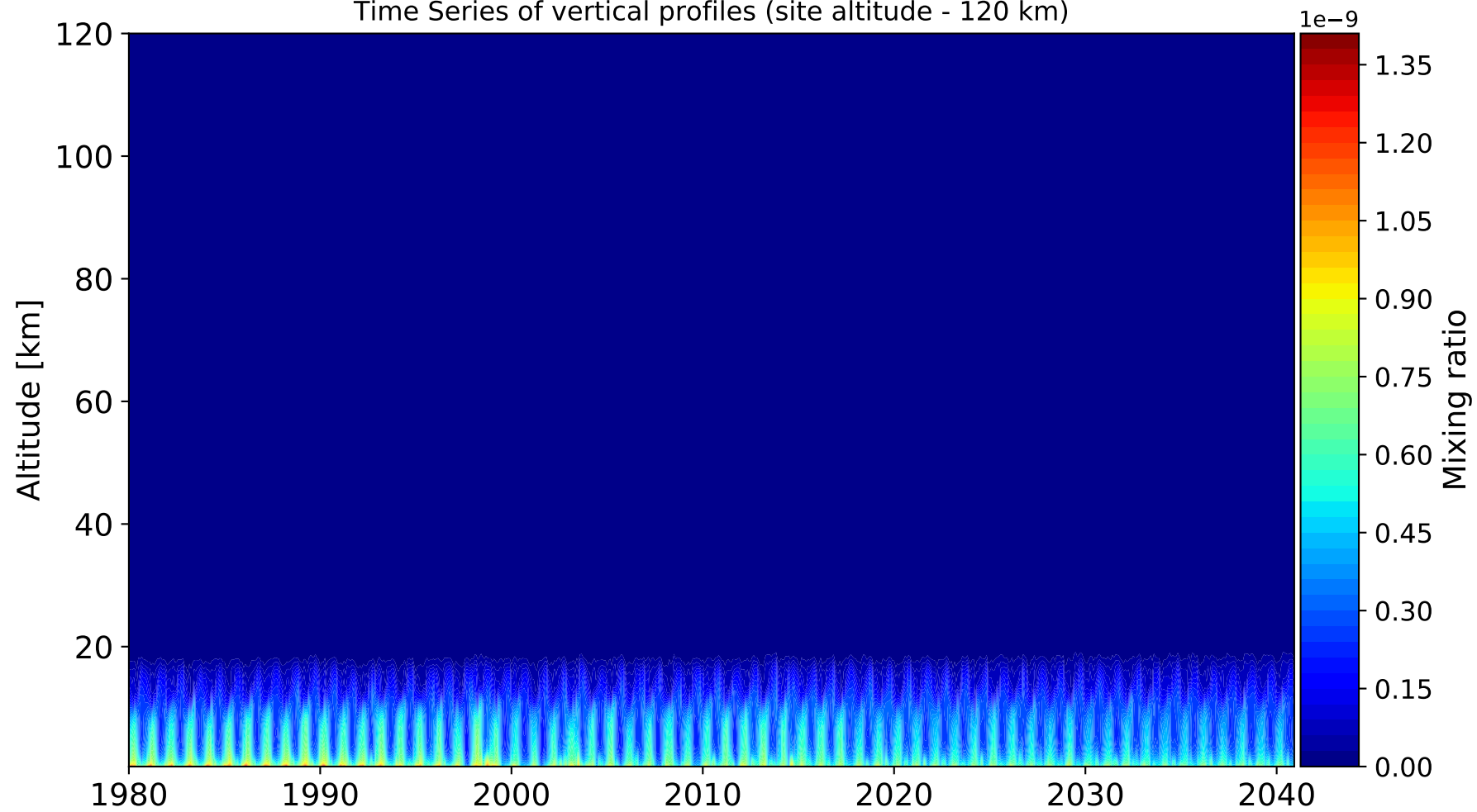
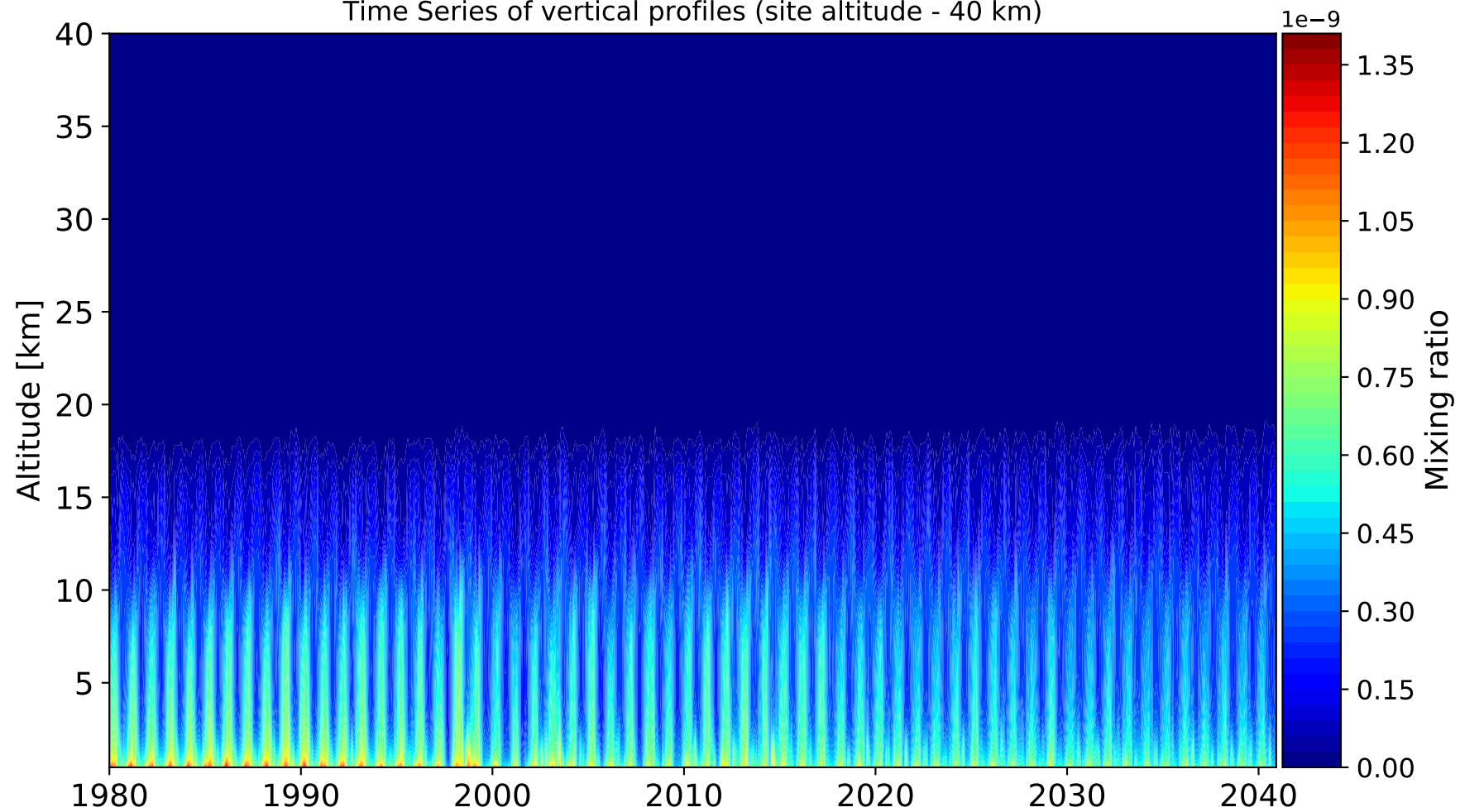


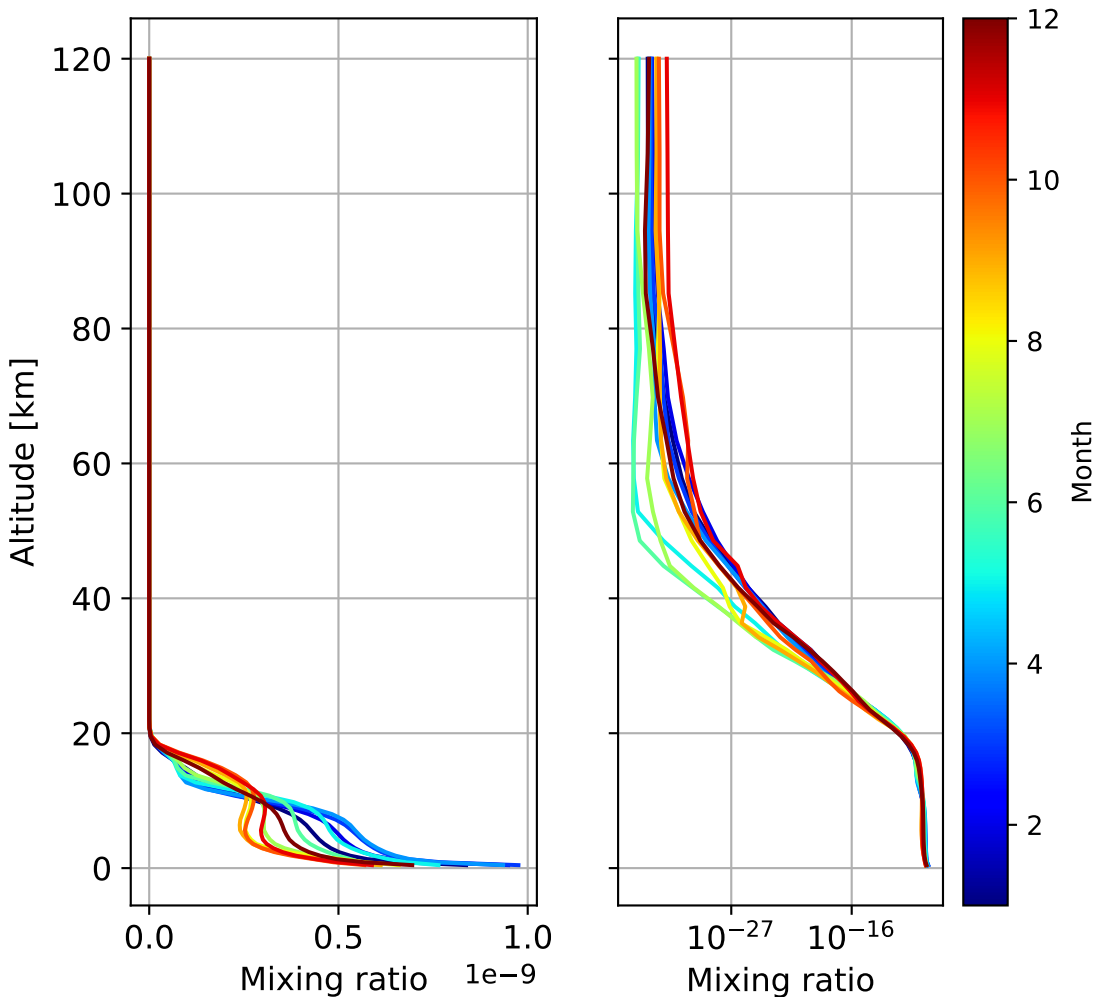
Time Series of vertical profiles (site altitude - 120 km)



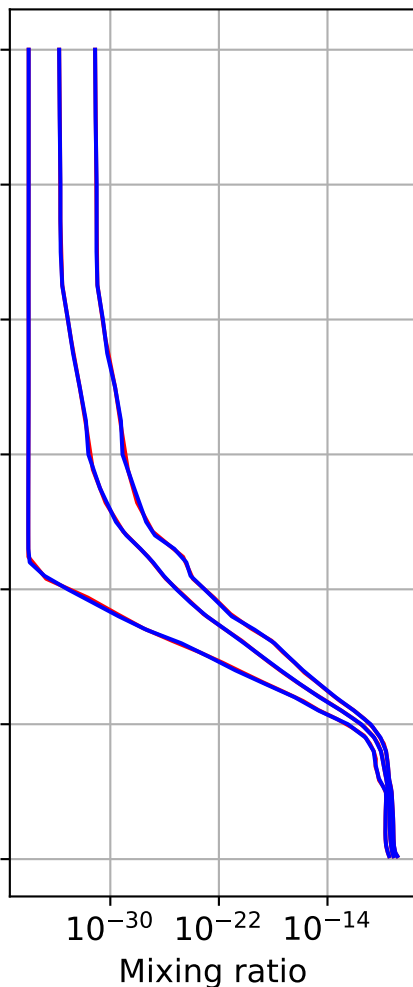
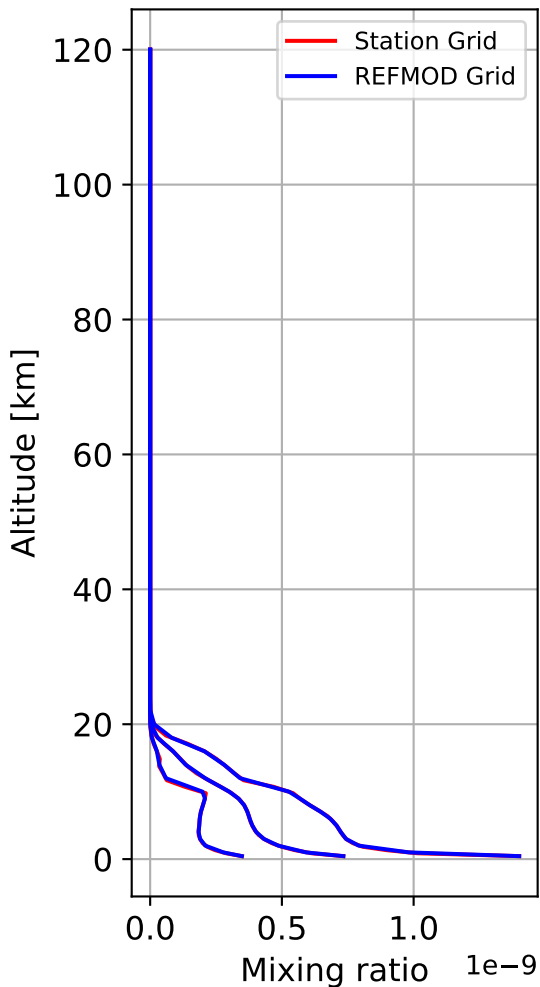
Time Series of vertical profiles (site altitude - 40 km)



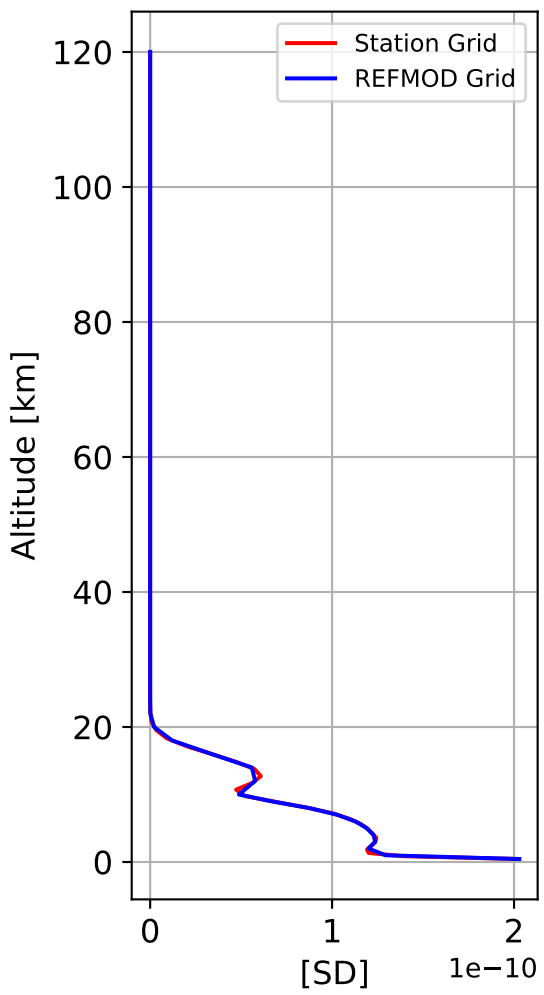
Monthly mean WACCM profile (interpolated to station grid)
Park_Falls, 45.945N, 269.727E, 0.442kmasl



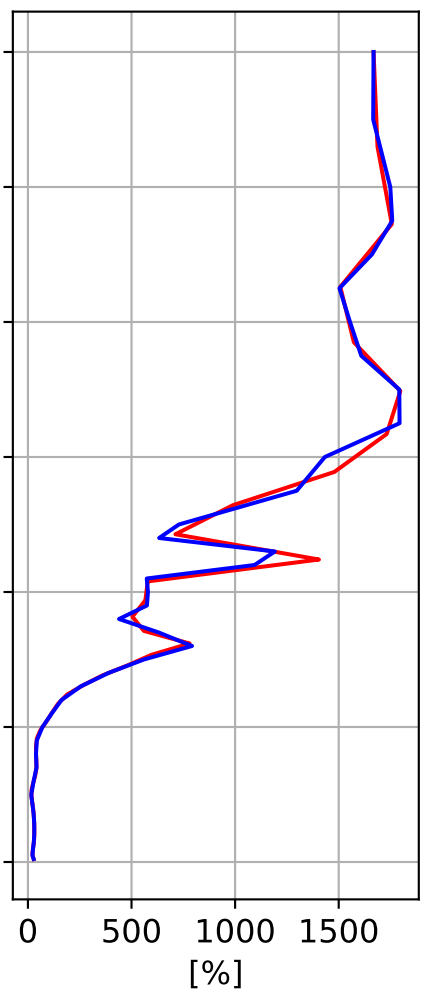
Min, Max, Mean of 732 profiles
Park_Falls, 45.945N, 269.727E, 0.442kmasl



Std. Deviation



Percent Deviation



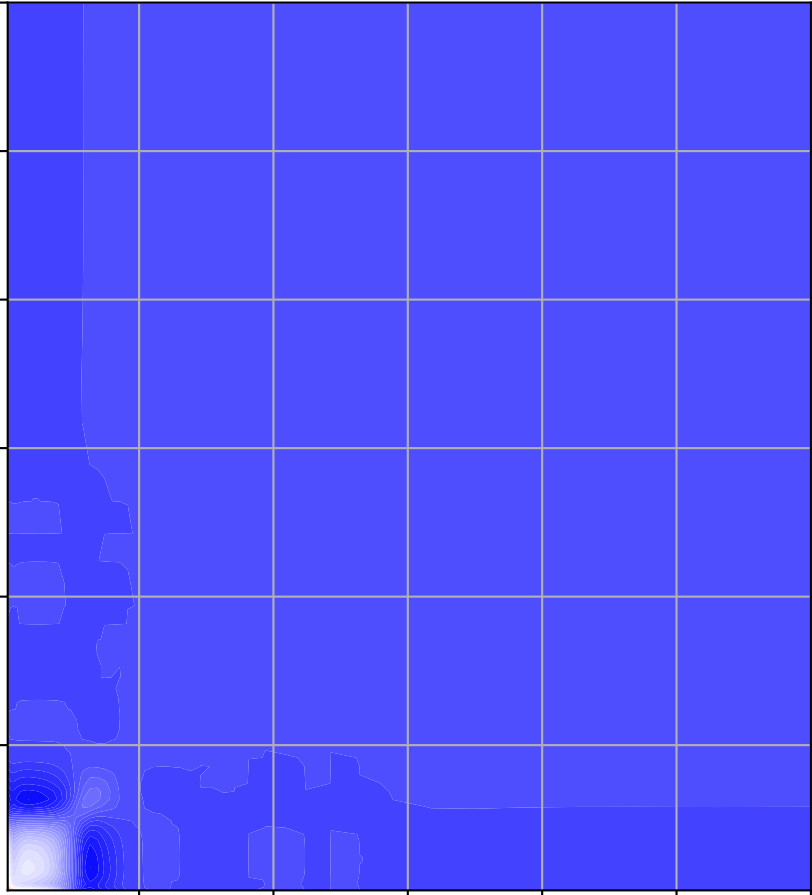
Level covariance matrix

1e-20

Altitude [km]

Mixing ratio[~ 2]

120
100
80
60
40
20



Altitude [km]

4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5