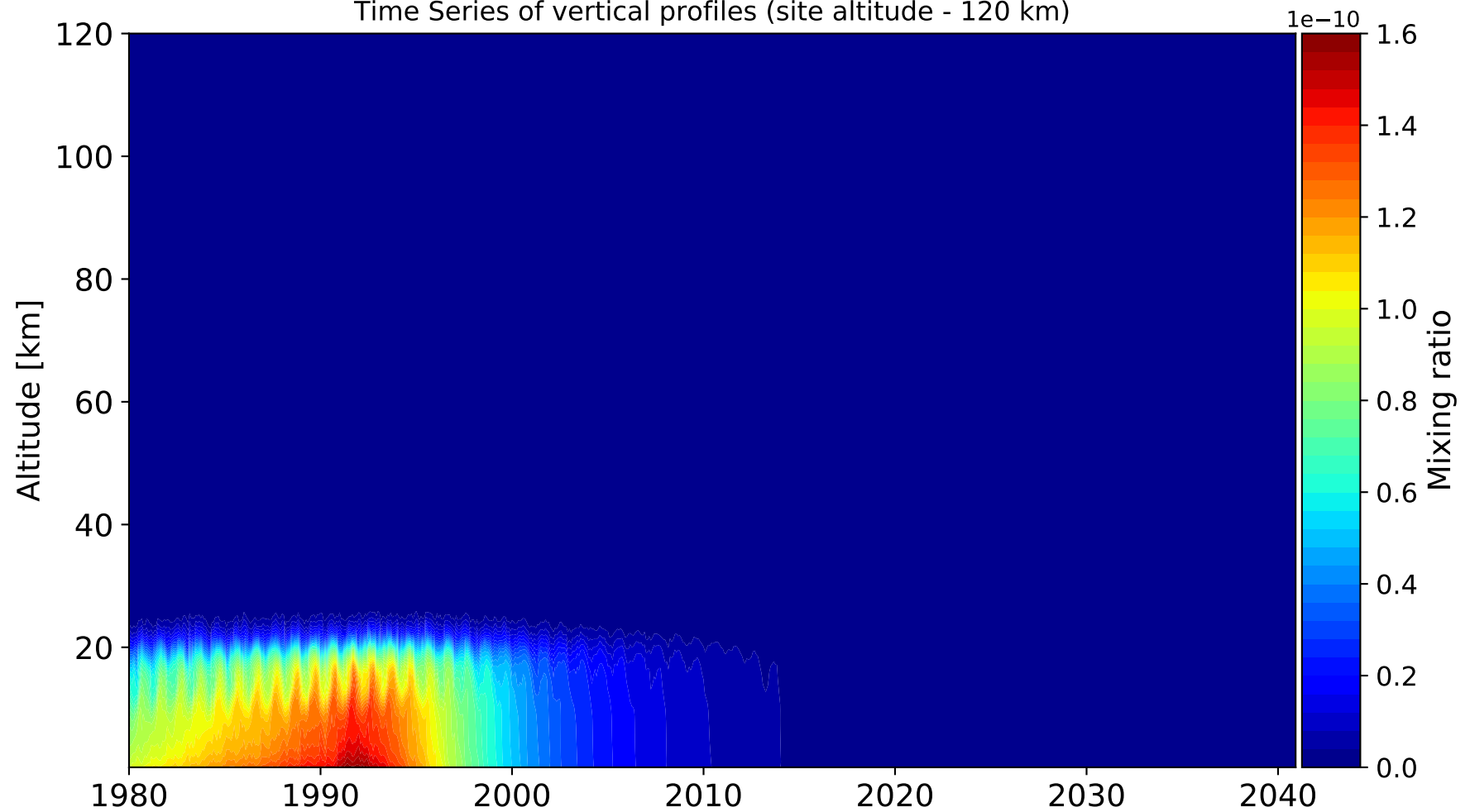
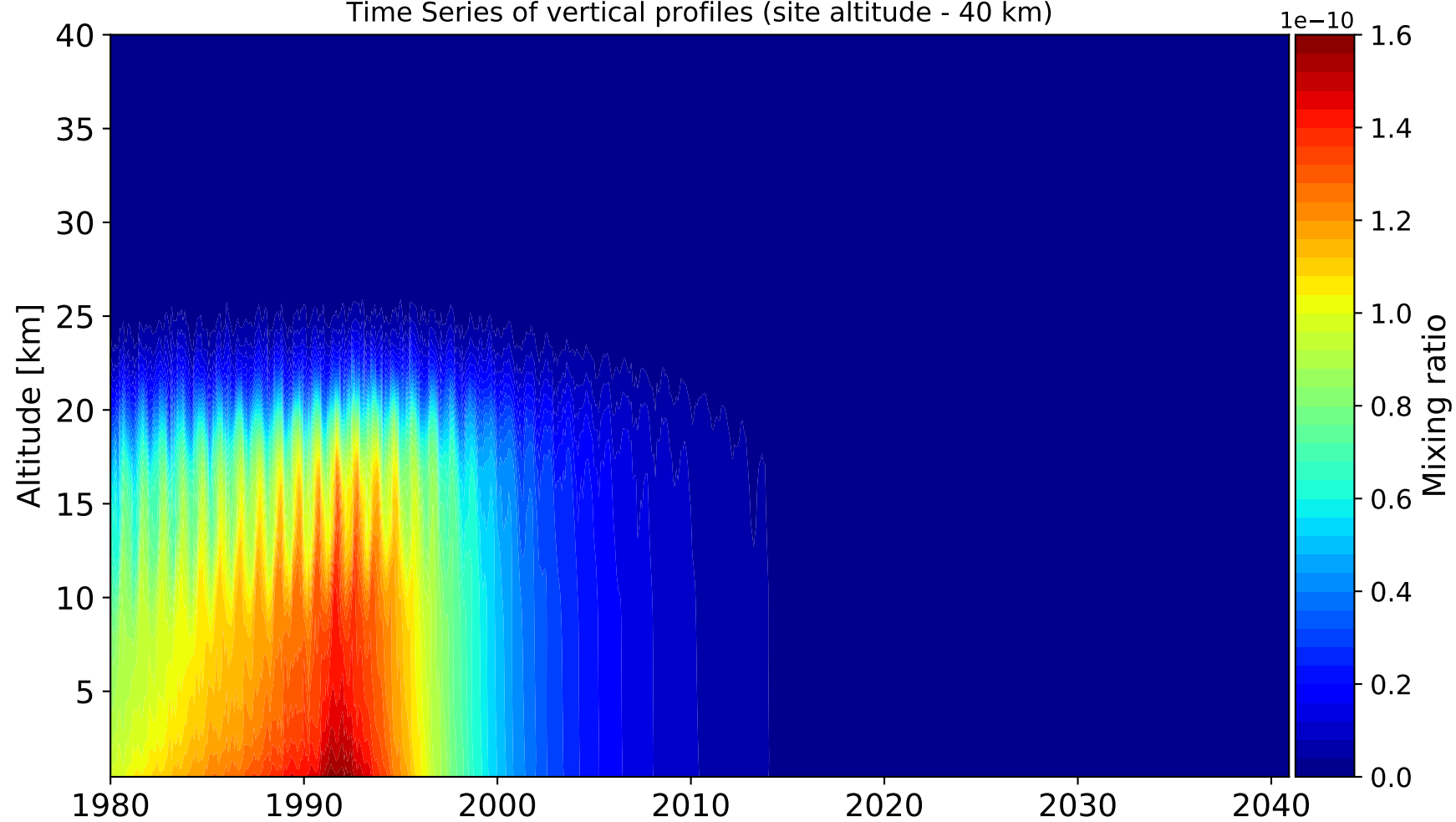


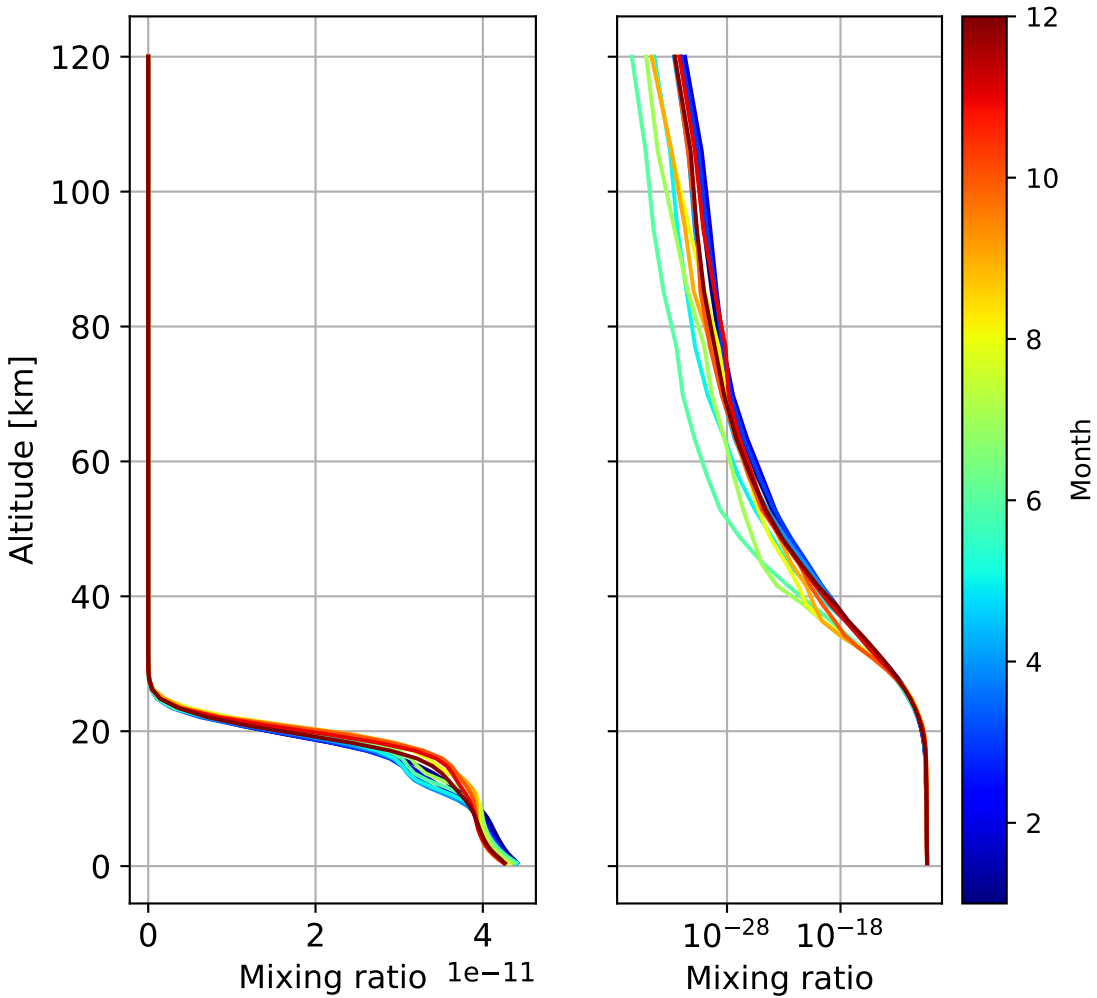
Time Series of vertical profiles (site altitude - 120 km)



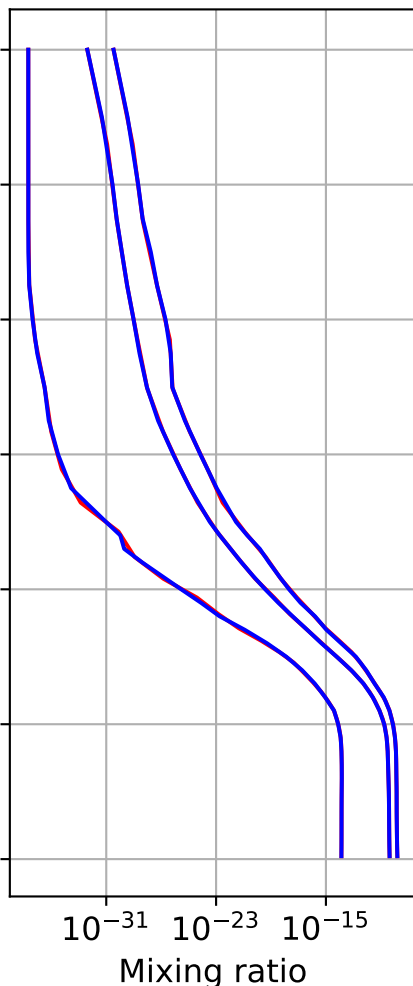
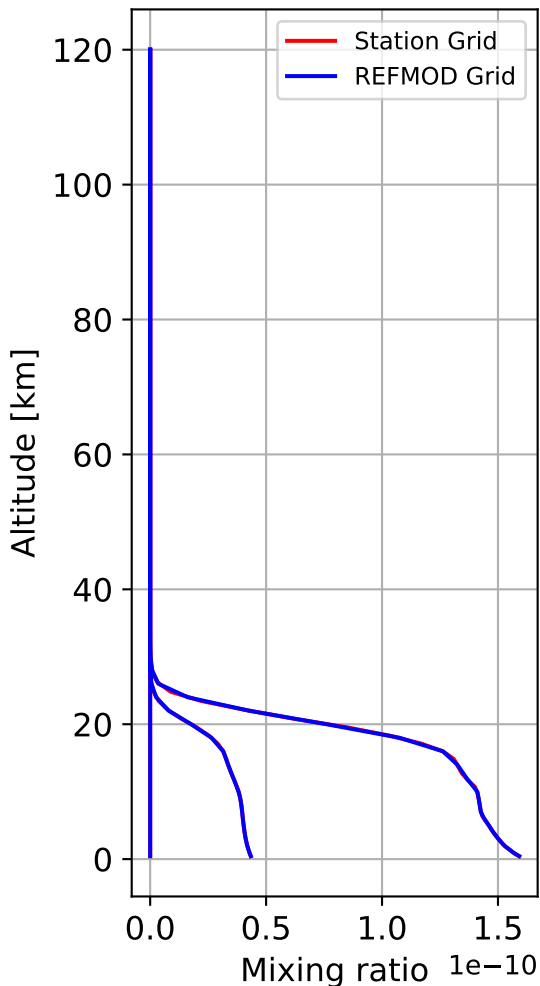
Time Series of vertical profiles (site altitude - 40 km)



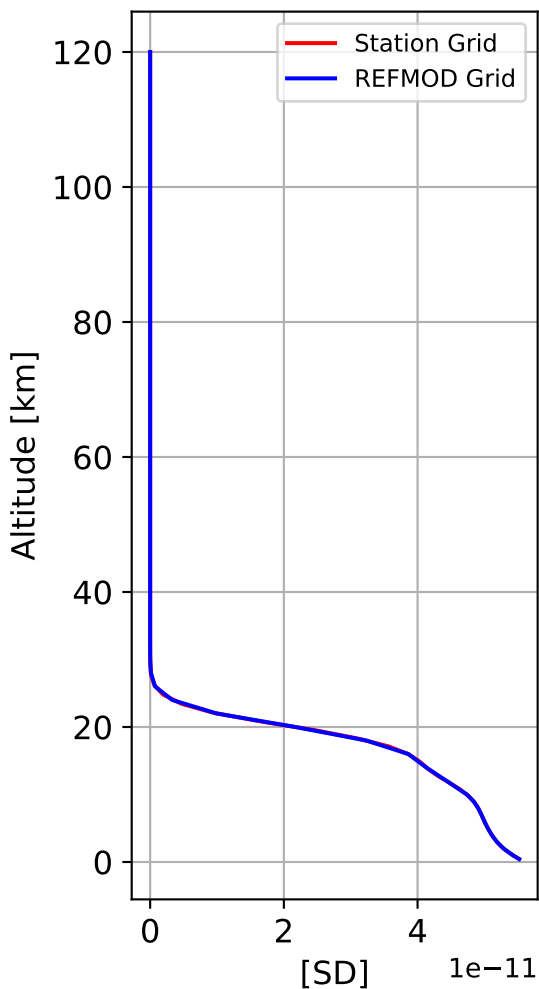
Monthly mean WACCM profile (interpolated to station grid) Park_Falls, 45.945N, 269.727E, 0.442kmasl



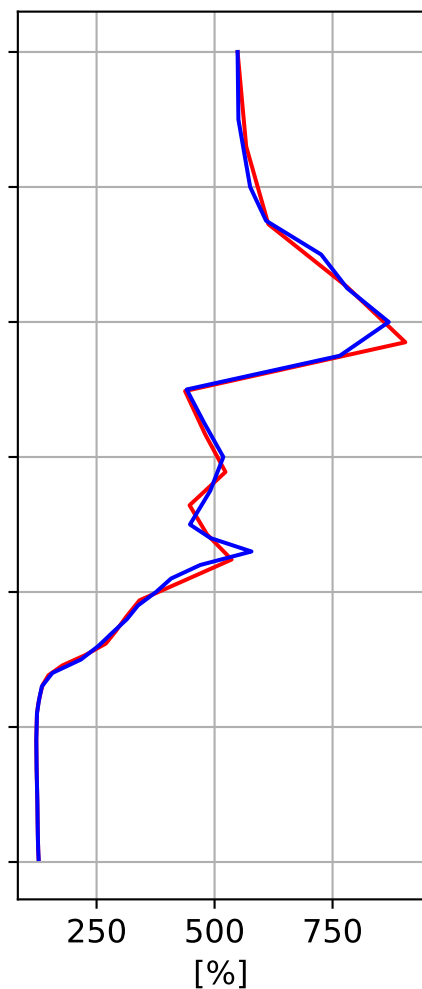
Min, Max, Mean of 732 profiles
Park_Falls, 45.945N, 269.727E, 0.442kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-21

Altitude [km]

120
100
80
60
40
20

2.88
2.52
2.16
1.80
1.44
1.08
0.72
0.36
0.00

Mixing ratio²

20 40 60 80 100 120

Altitude [km]

