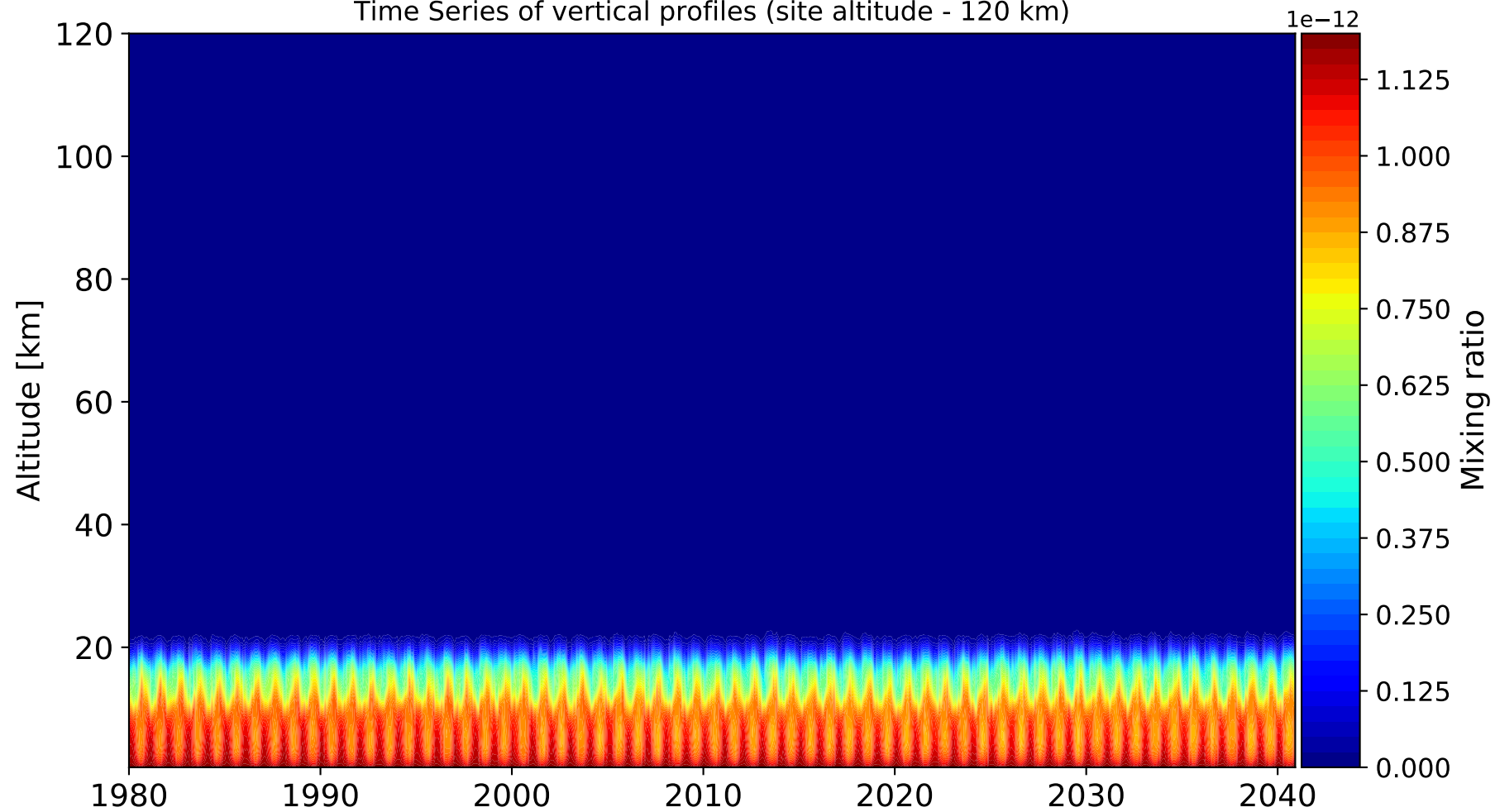
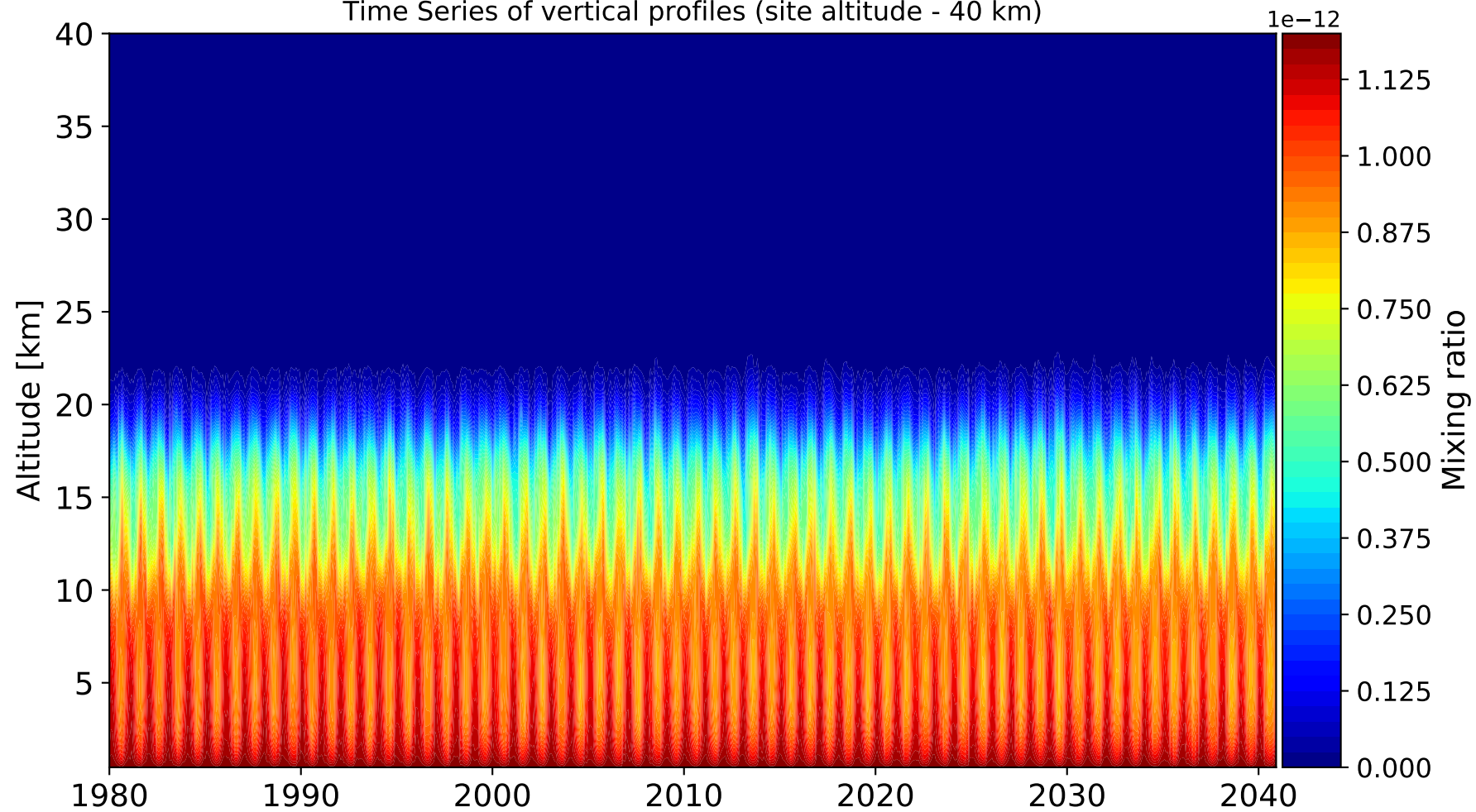


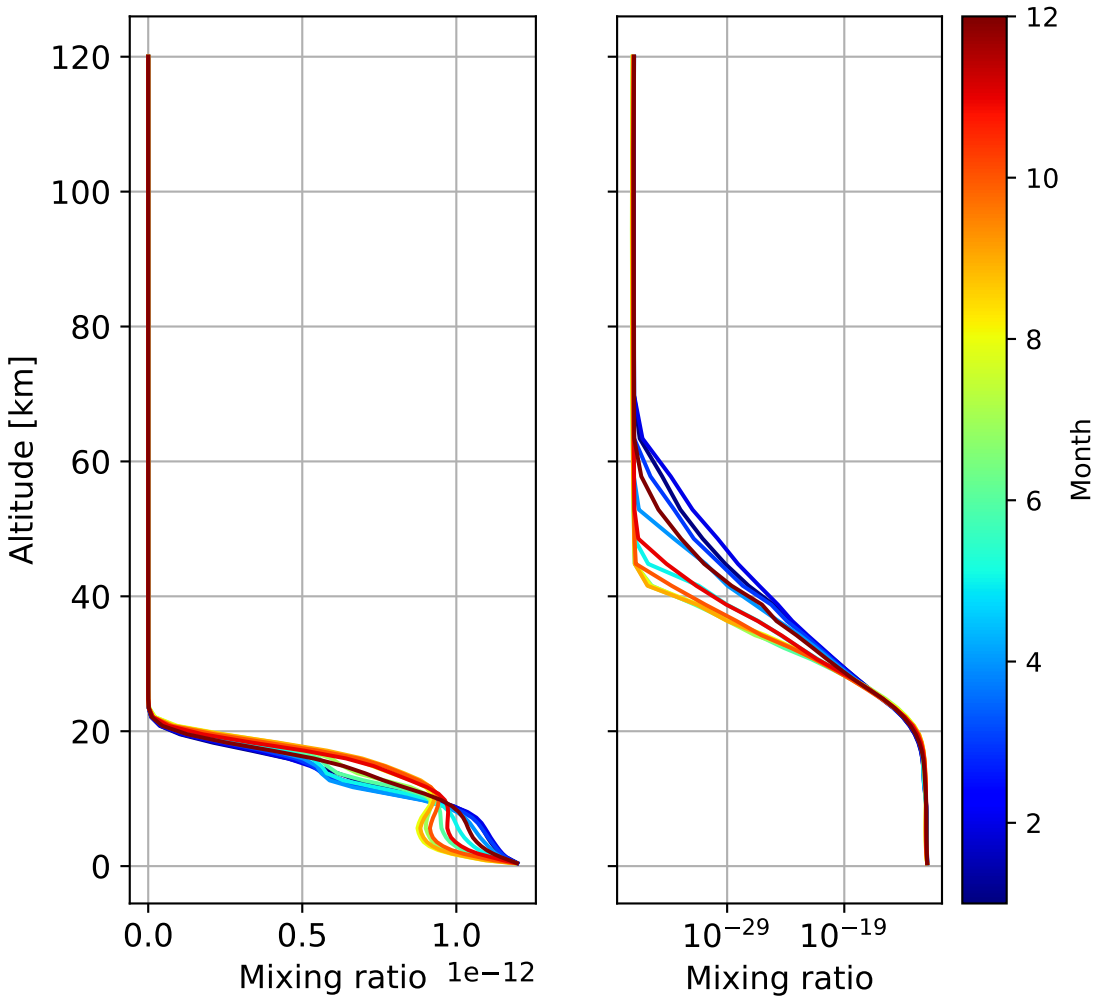
Time Series of vertical profiles (site altitude - 120 km)



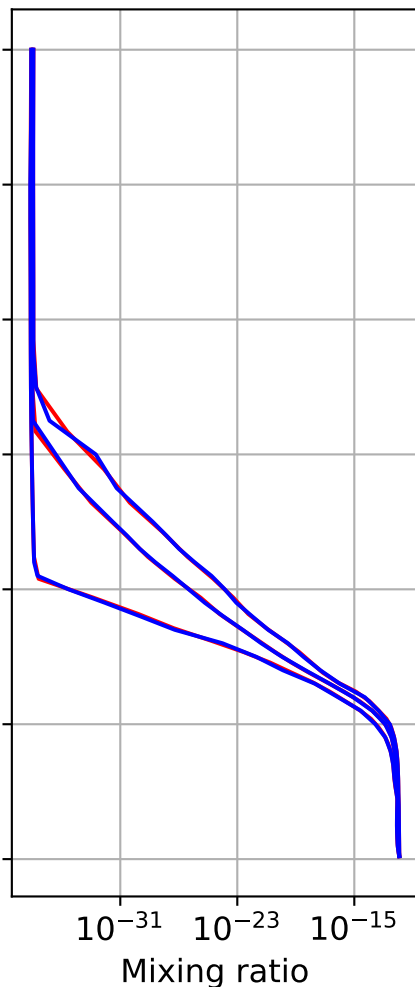
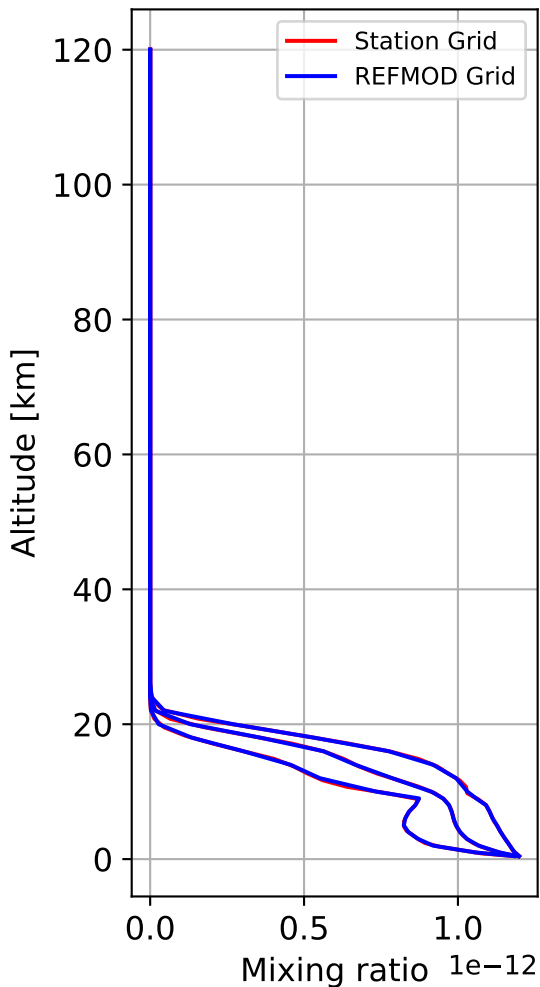
Time Series of vertical profiles (site altitude - 40 km)



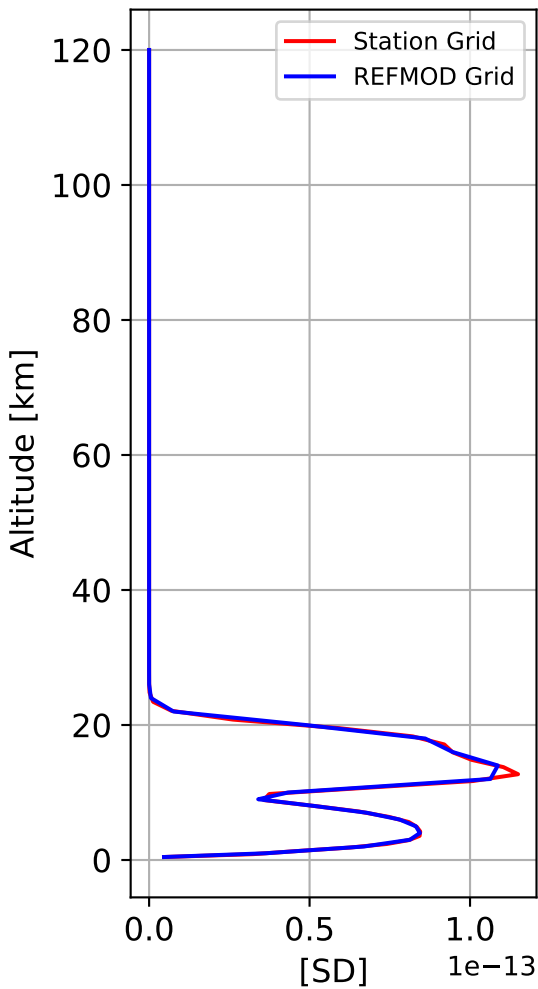
Monthly mean WACCM profile (interpolated to station grid) Park_Falls, 45.945N, 269.727E, 0.442kmasl



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



Std. Deviation



Percent Deviation

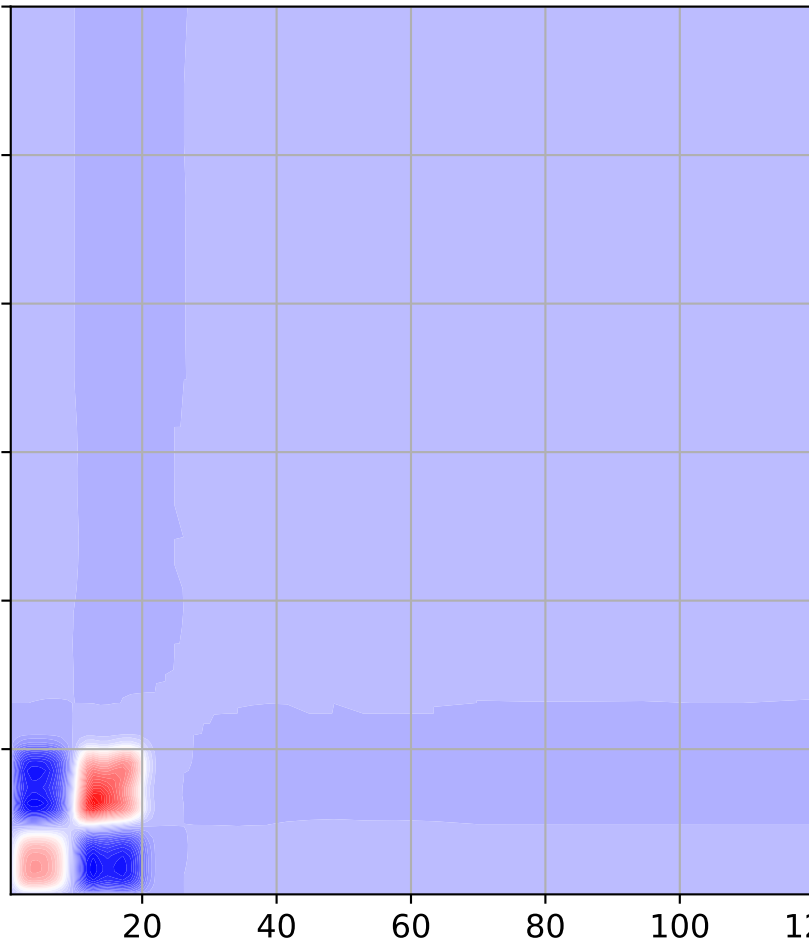


Level covariance matrix

$1e-26$

Altitude [km]

120
100
80
60
40
20



Mixing ratio²

1.25
1.00
0.75
0.50
0.25
0.00
-0.25
-0.50
-0.75

Altitude [km]

120
100
80
60
40
20