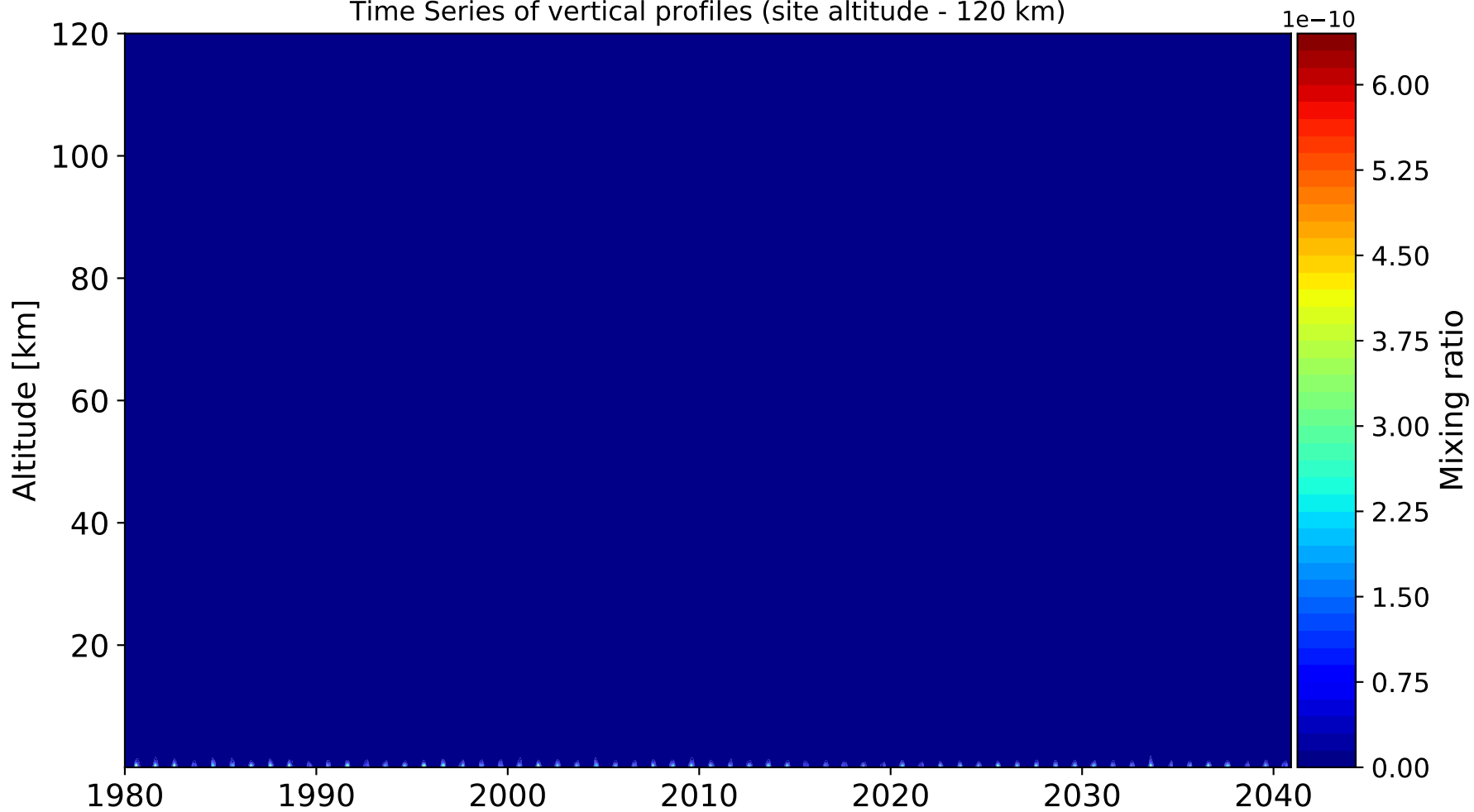
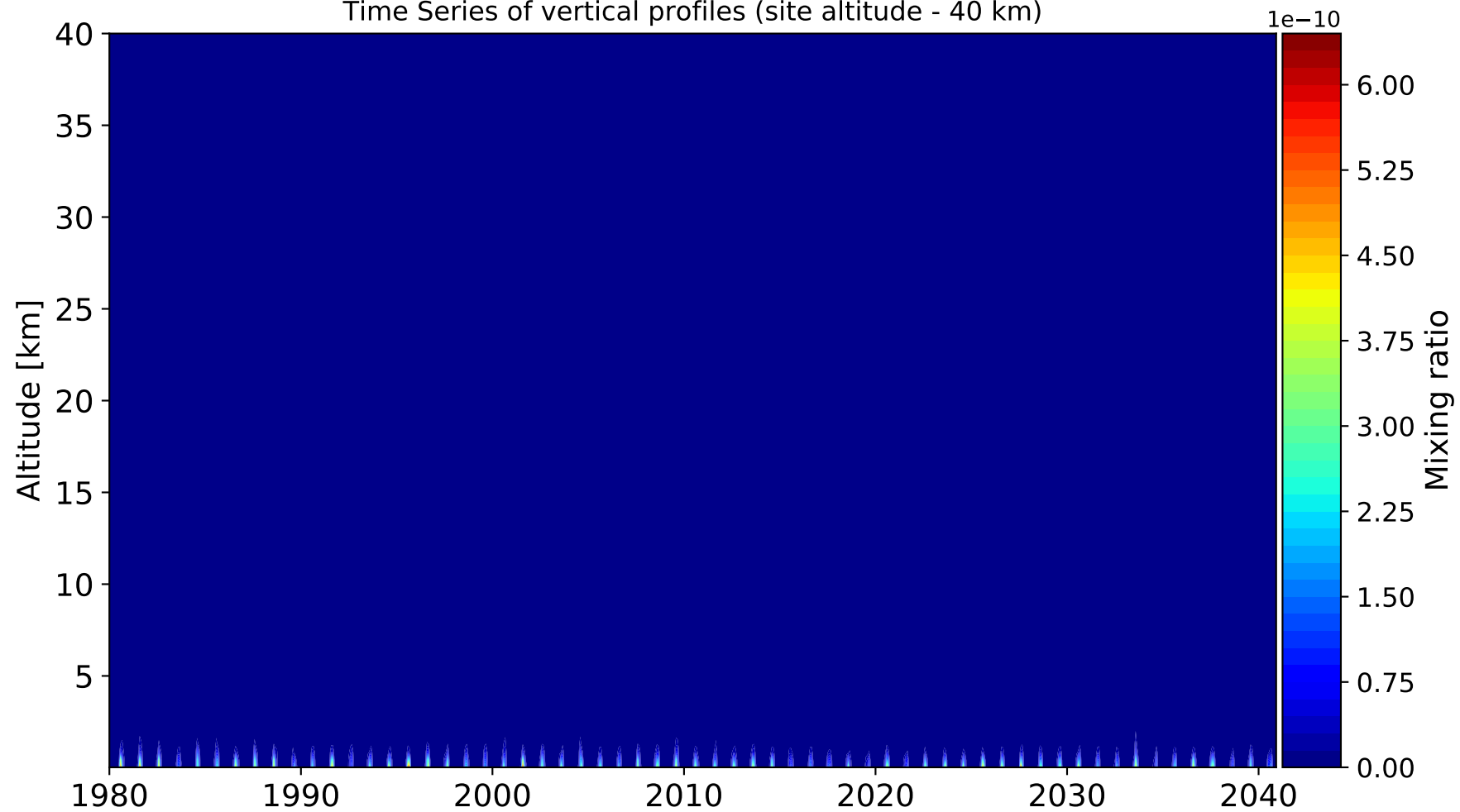


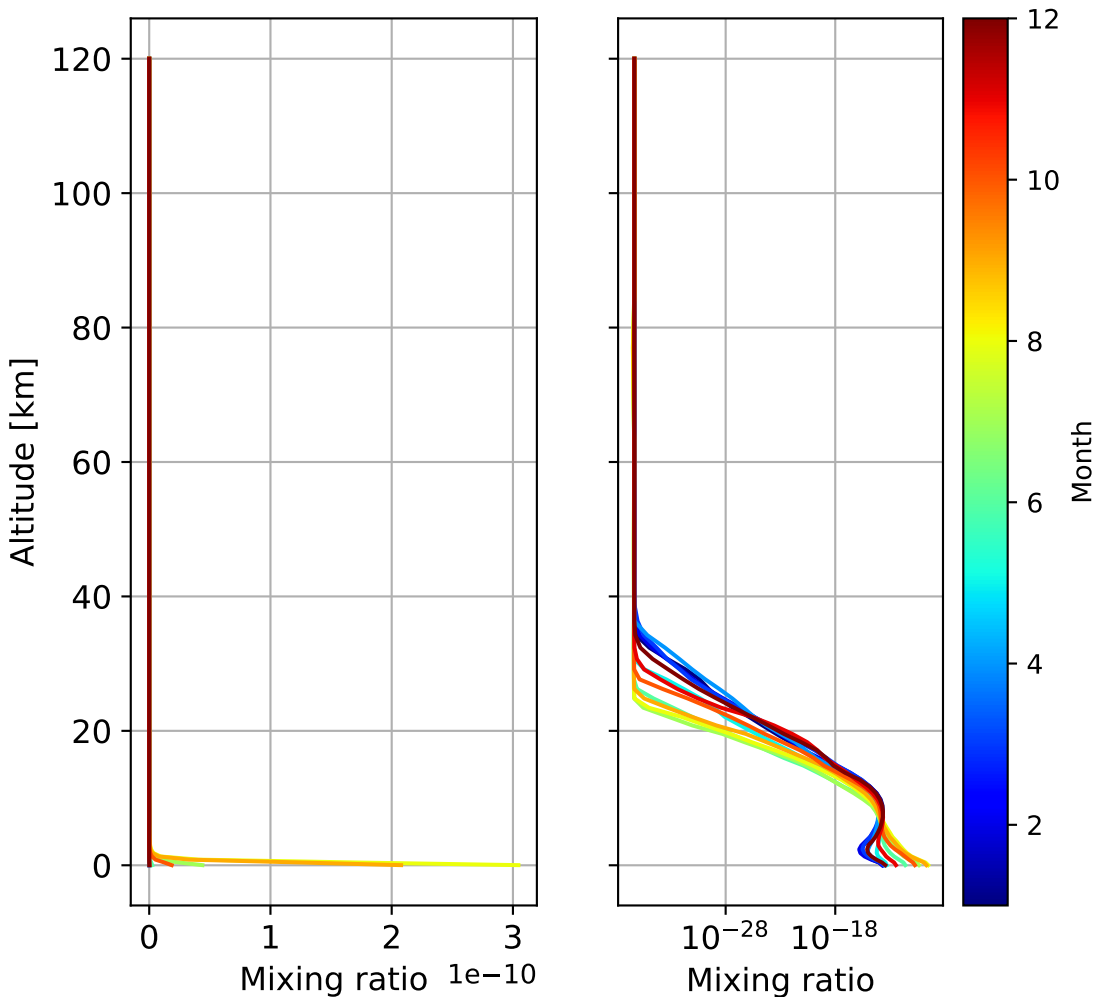
Time Series of vertical profiles (site altitude - 120 km)



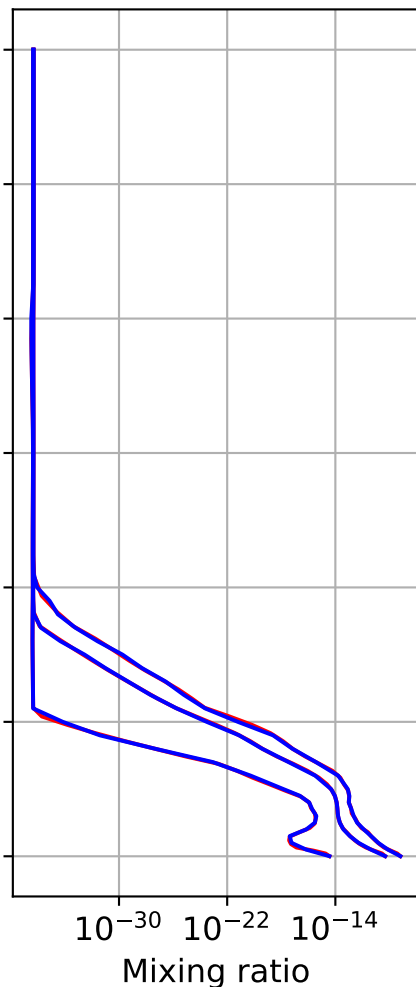
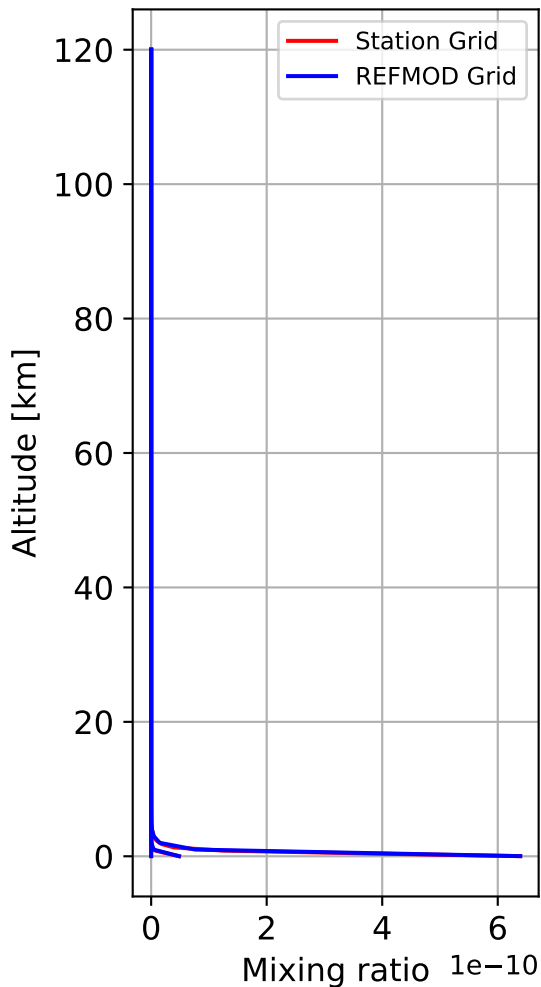
Time Series of vertical profiles (site altitude - 40 km)



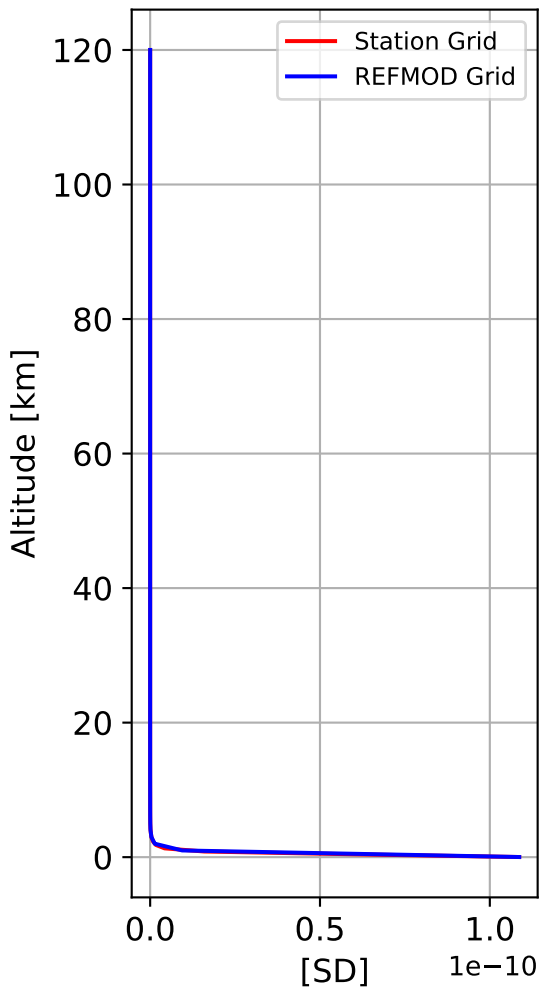
Monthly mean WACCM profile (interpolated to station grid)
Ny_Alesund, 78.9N, 11.9E, 0.02kmasl



Min, Max, Mean of 732 profiles
Ny_Alesund, 78.9N, 11.9E, 0.02kmasl



Std. Deviation



Percent Deviation

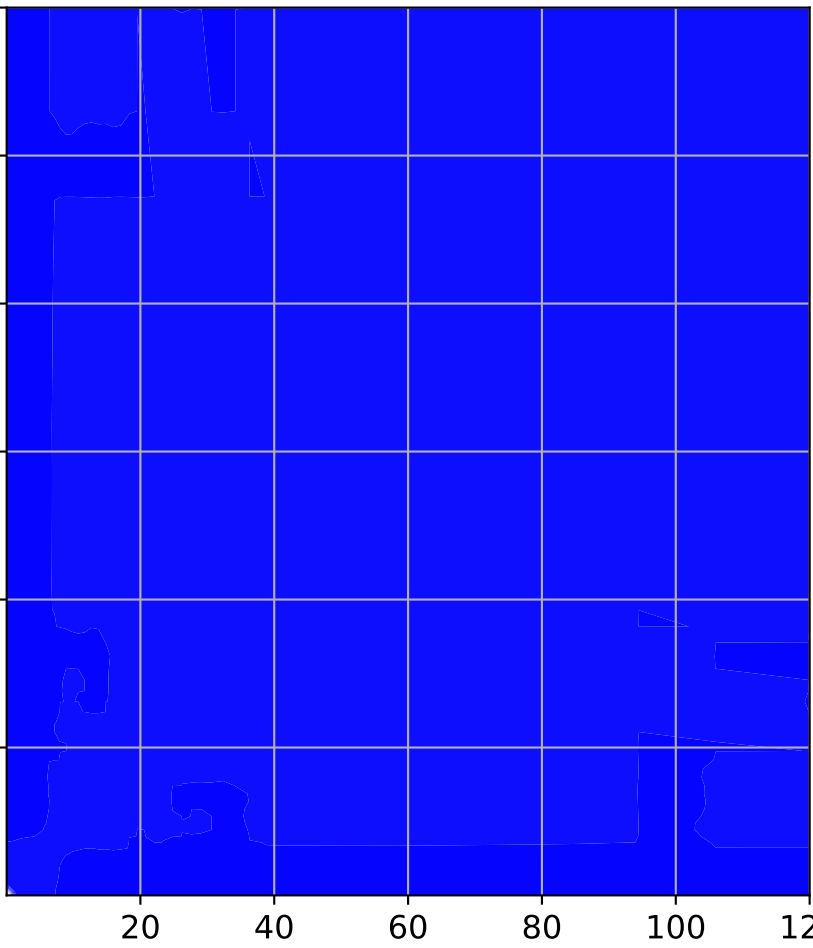


Level covariance matrix

$1e-20$

Altitude [km]

120
100
80
60
40
20



20

Altitude [km]

40

60

80

100

120

Mixing ratio[~ 2]

1.125

1.000

0.875

0.750

0.625

0.500

0.375

0.250

0.125

0.000