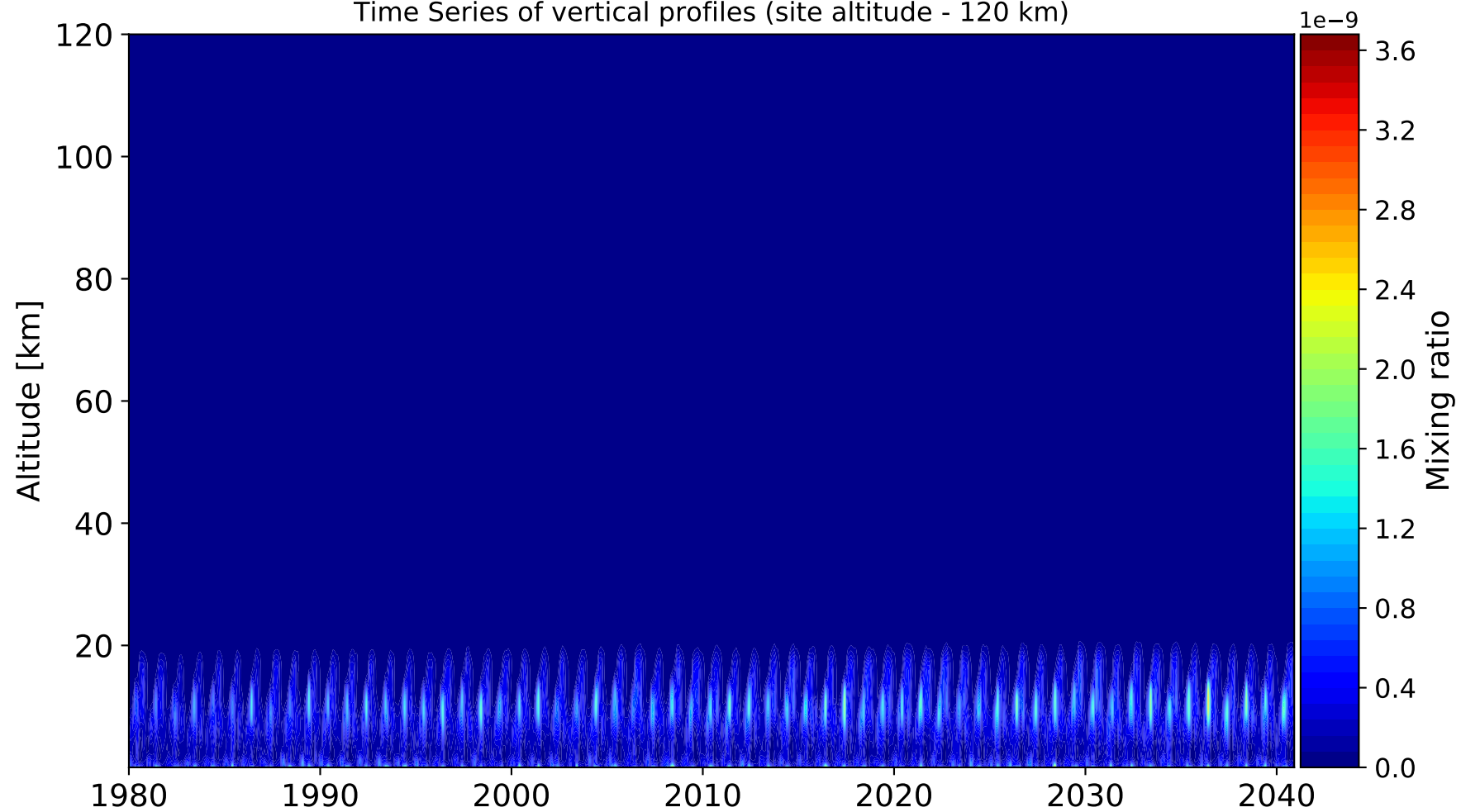
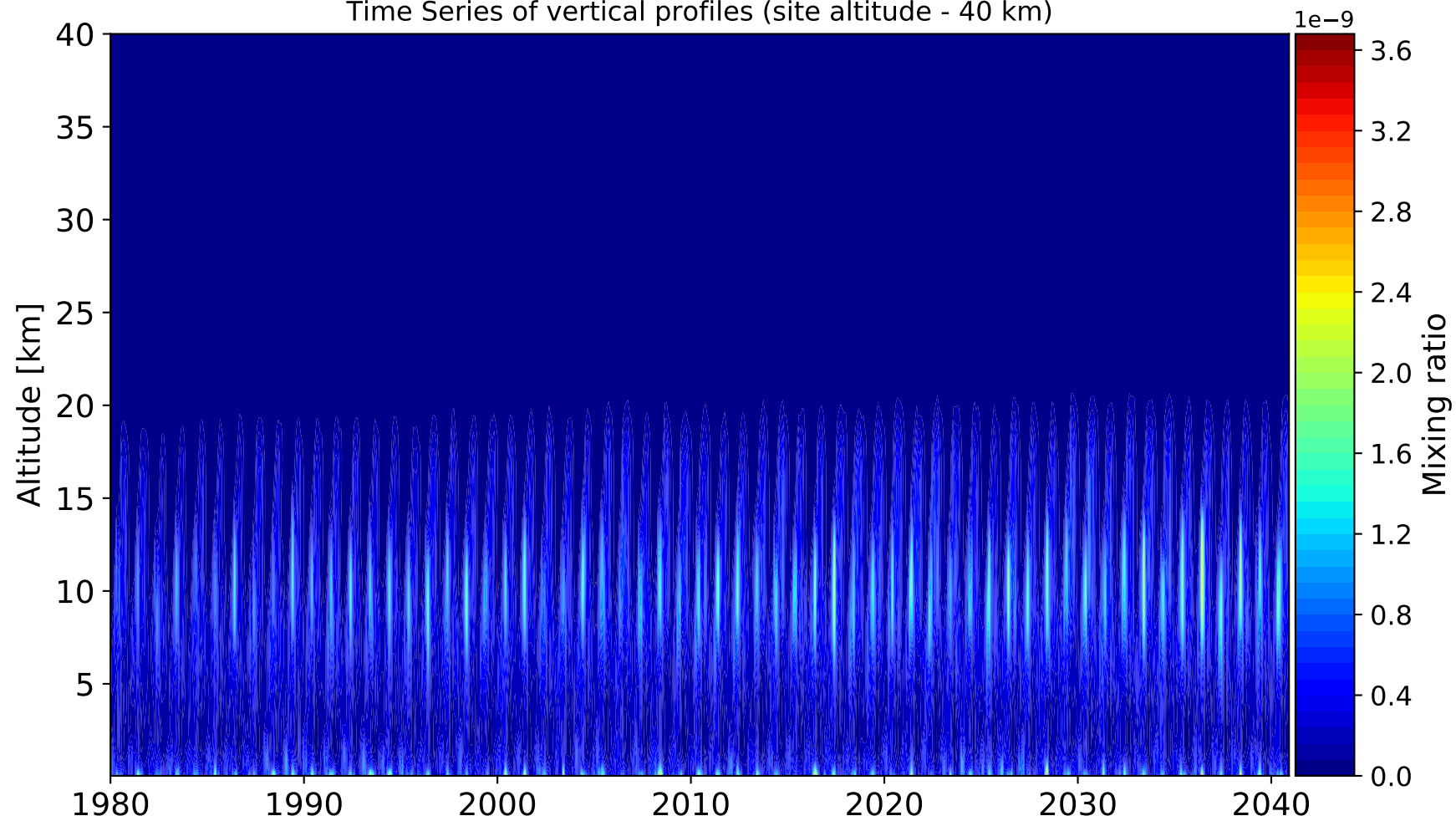


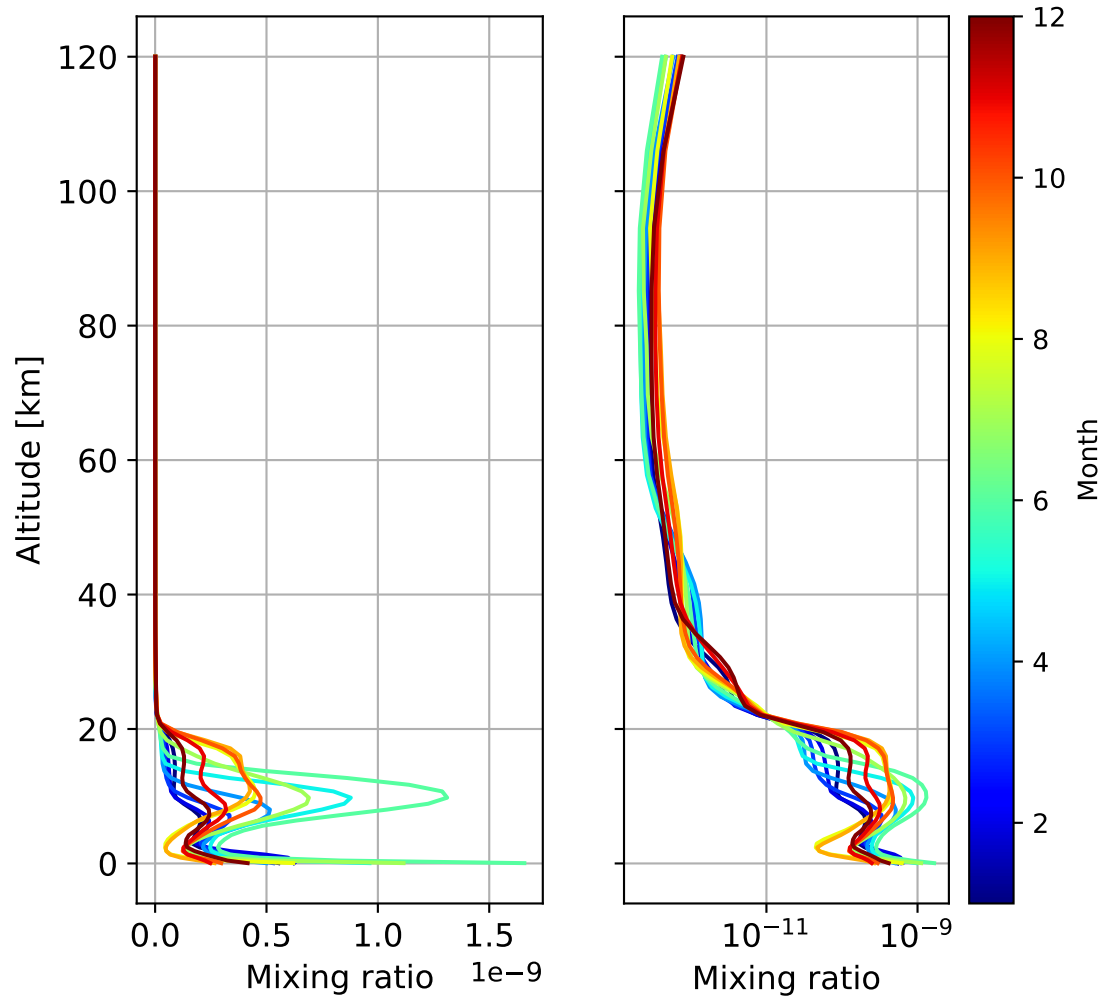
Time Series of vertical profiles (site altitude - 120 km)



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

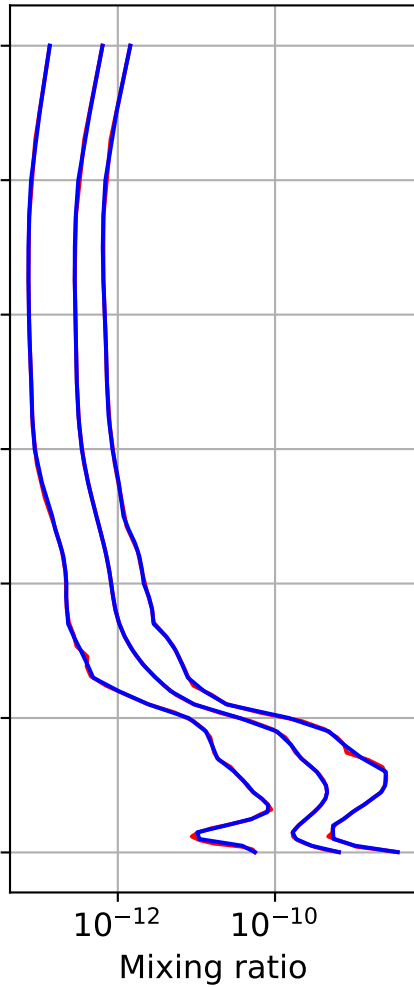
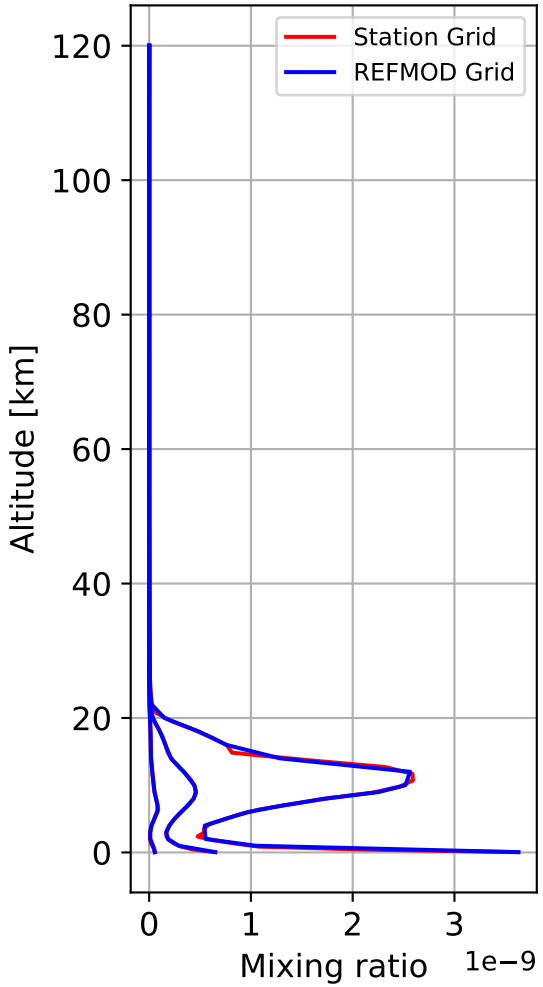


Monthly mean WACCM profile (interpolated to station grid)  
Anmyeondo, 36.5382N, 126.3311E, 0.045700000000000005kmasl

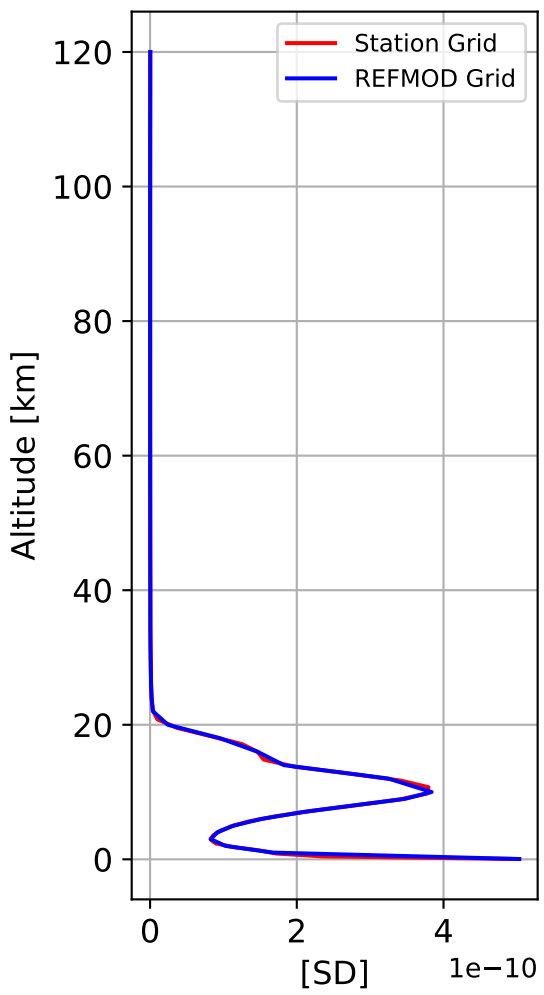


# Min, Max, Mean of 732 profiles

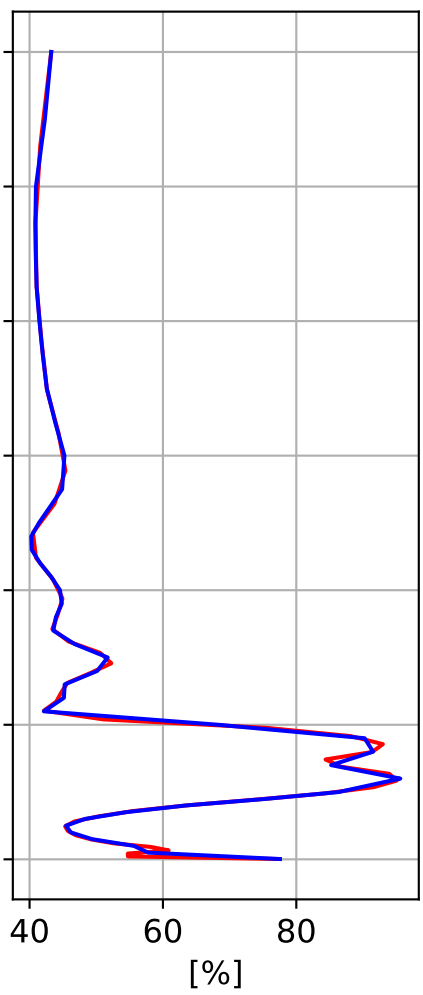
Anmyeondo, 36.5382N, 126.3311E, 0.0457000000000000005kmasl



### Std. Deviation



### Percent Deviation

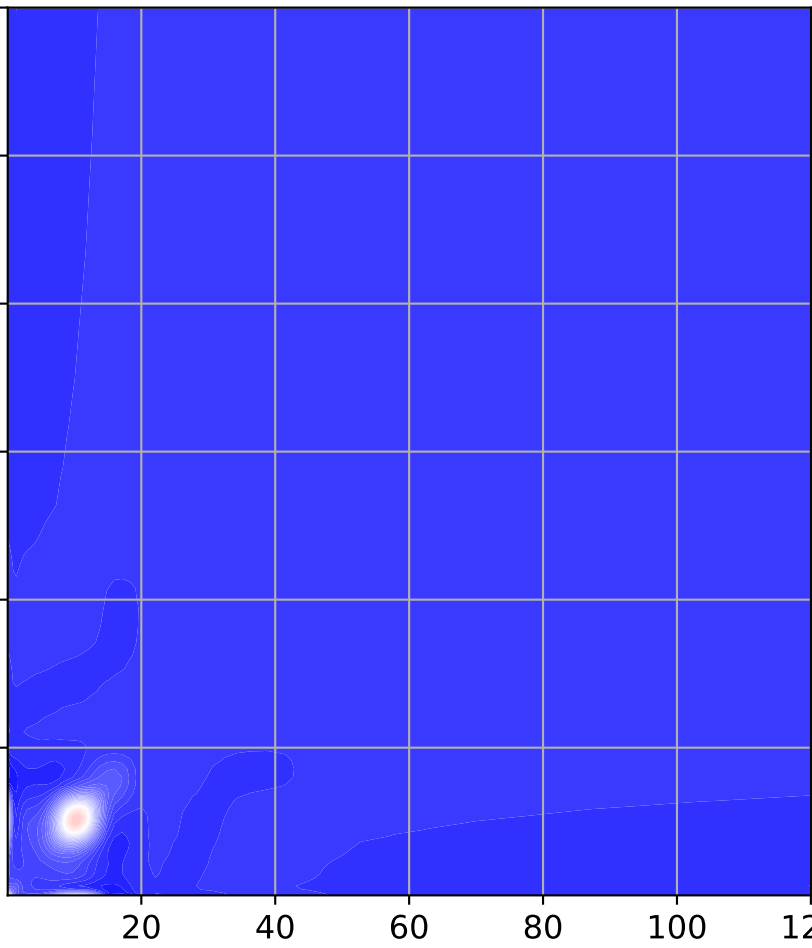


# Level covariance matrix

$1e-19$

Altitude [km]

120  
100  
80  
60  
40  
20



Altitude [km]

120  
100  
80  
60  
40  
20

Mixing ratio[ $\sim 2$ ]

2.4  
2.1  
1.8  
1.5  
1.2  
0.9  
0.6  
0.3  
0.0  
-0.3