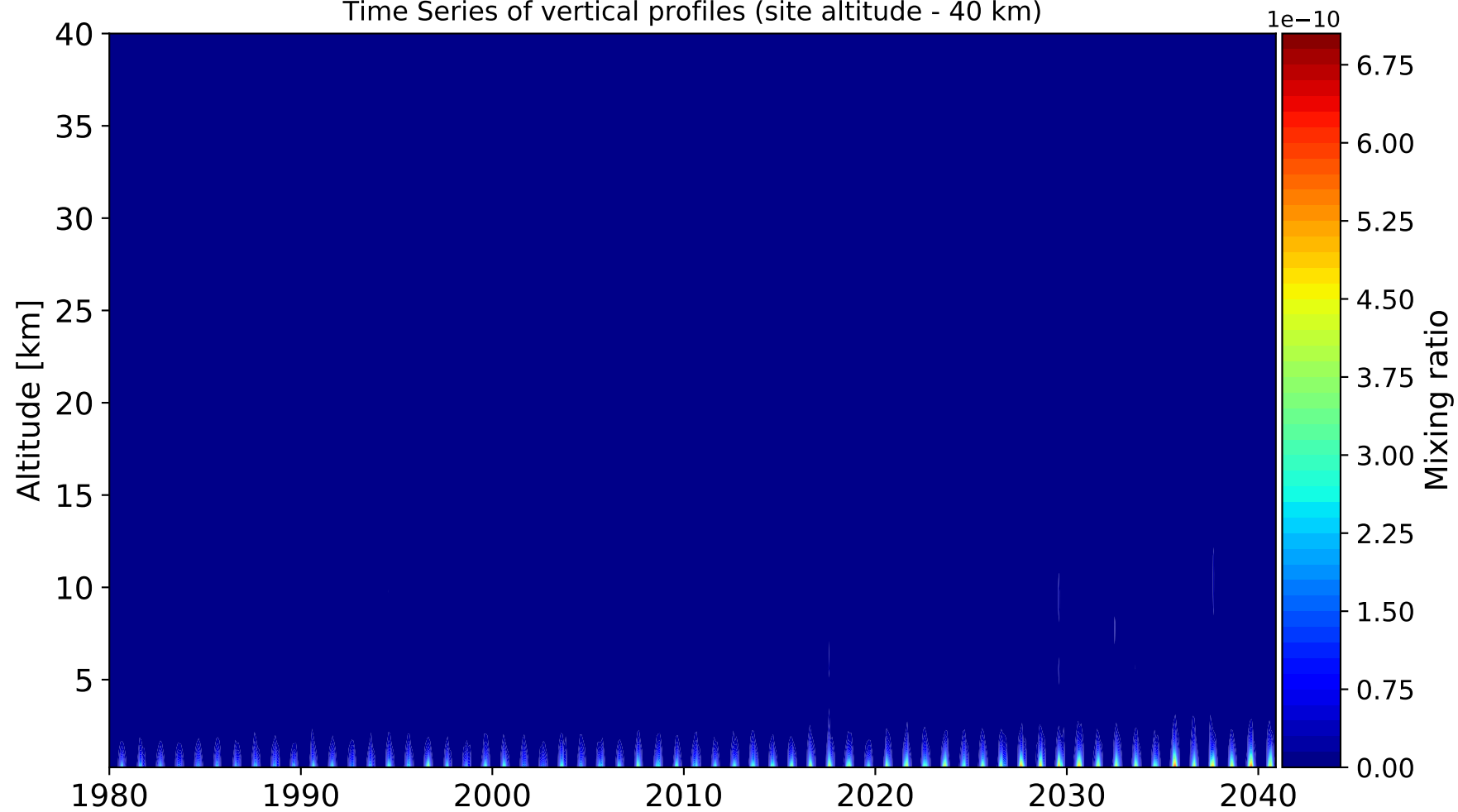
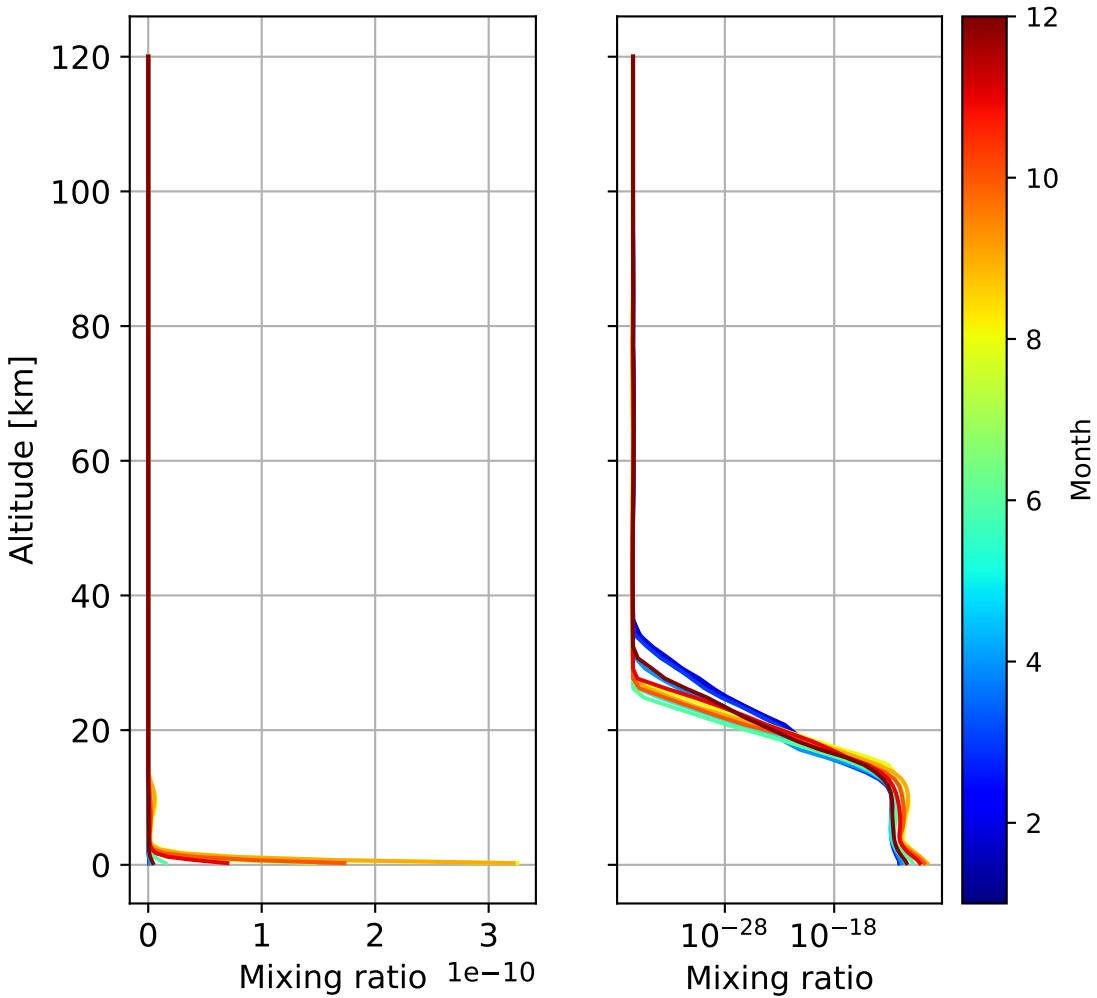


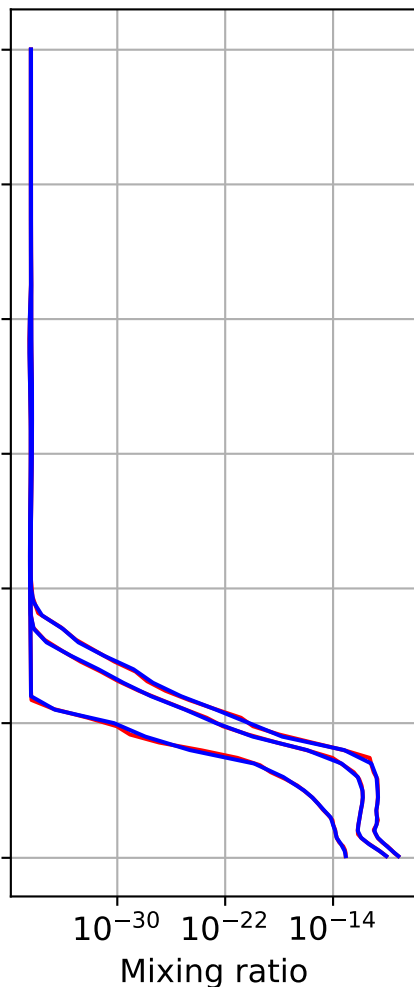
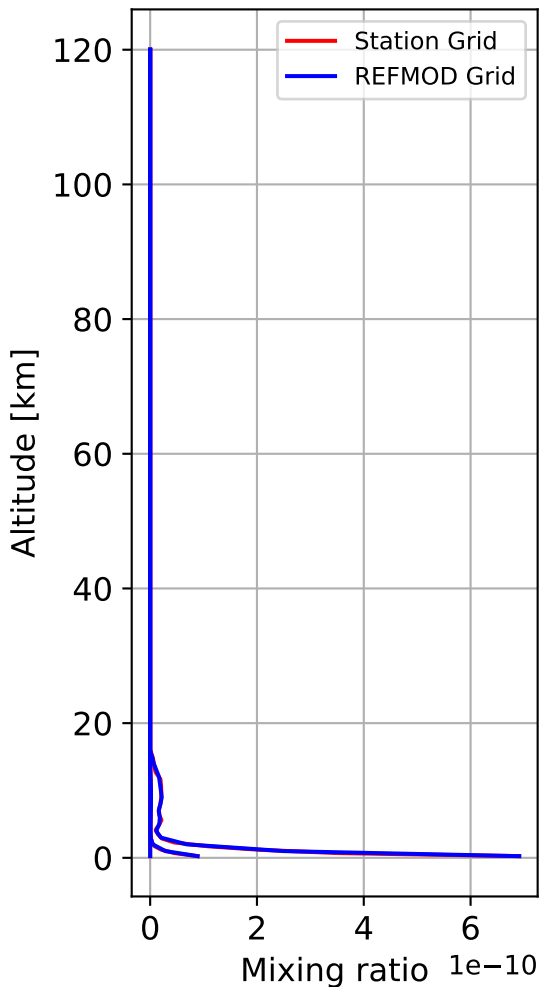
Time Series of vertical profiles (site altitude - 40 km)



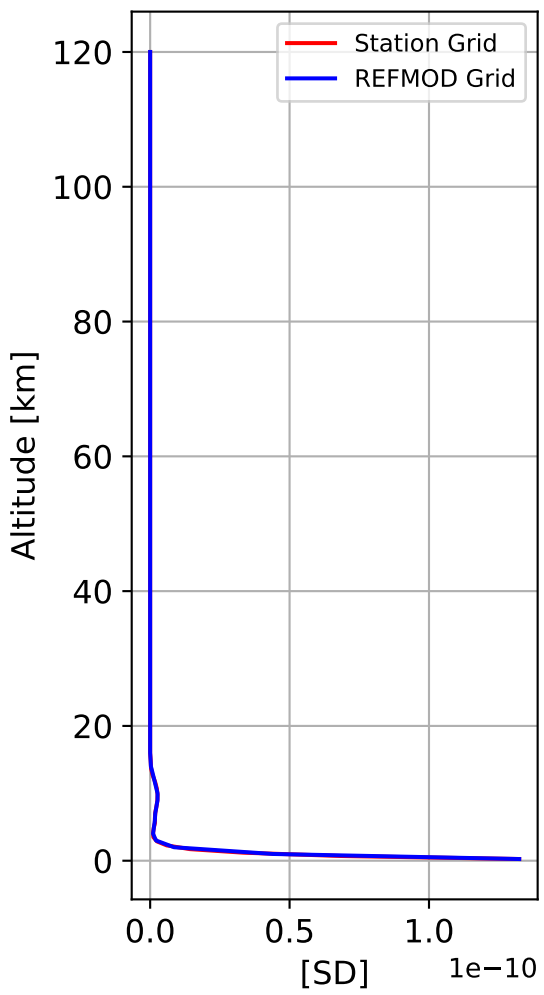
Monthly mean WACCM profile (interpolated to station grid) Egbert, 44.217N, 280.233E, 0.251kmasl



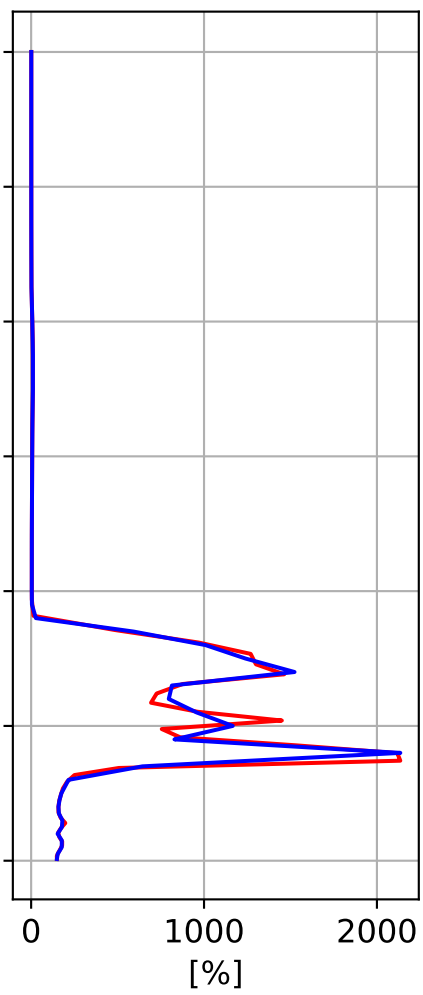
Min, Max, Mean of 732 profiles
Egbert, 44.217N, 280.233E, 0.251kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-20

Altitude [km]

120
100
80
60
40
20

Altitude [km]

Mixing ratio[$\wedge 2$]1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0