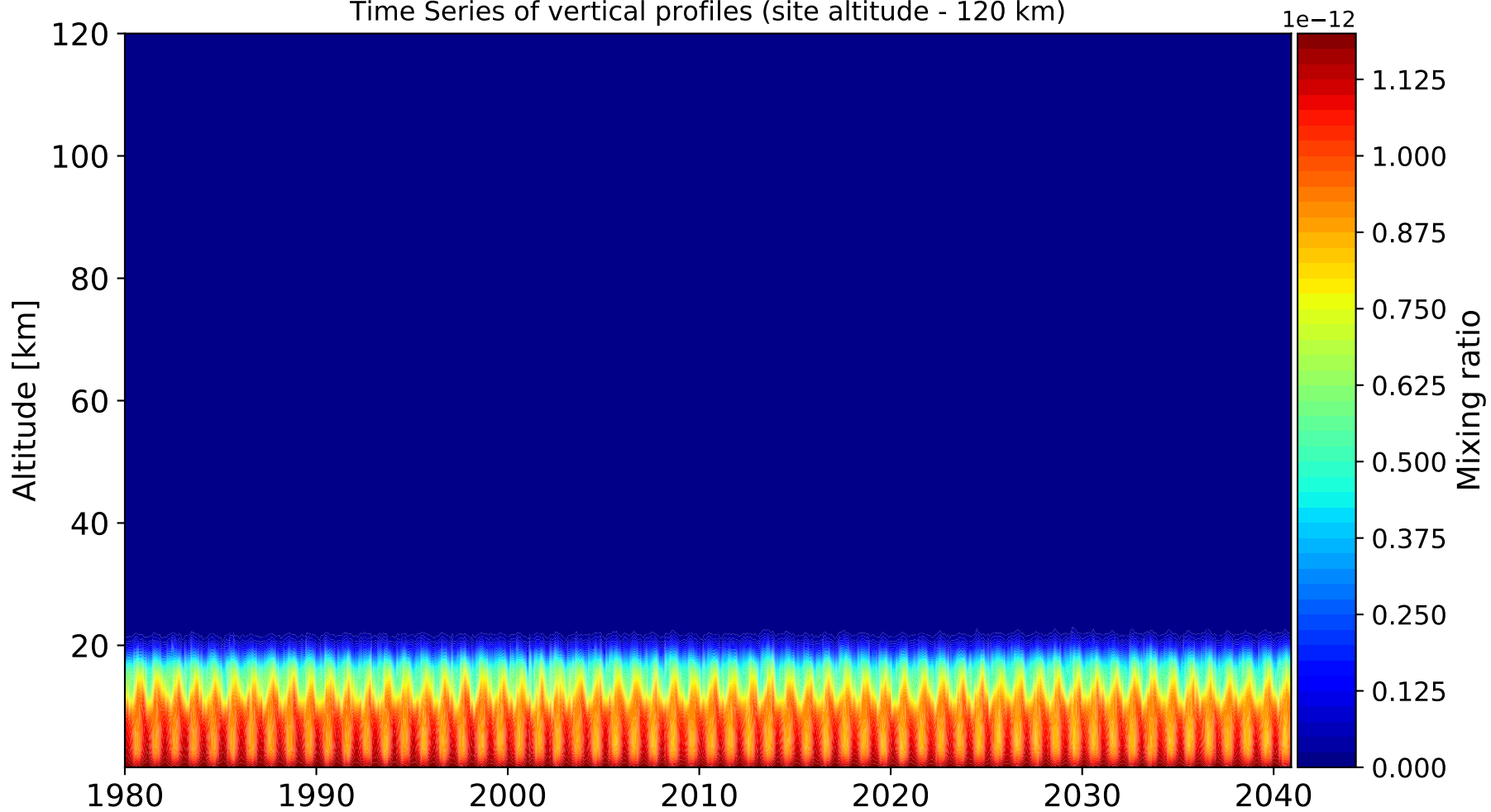
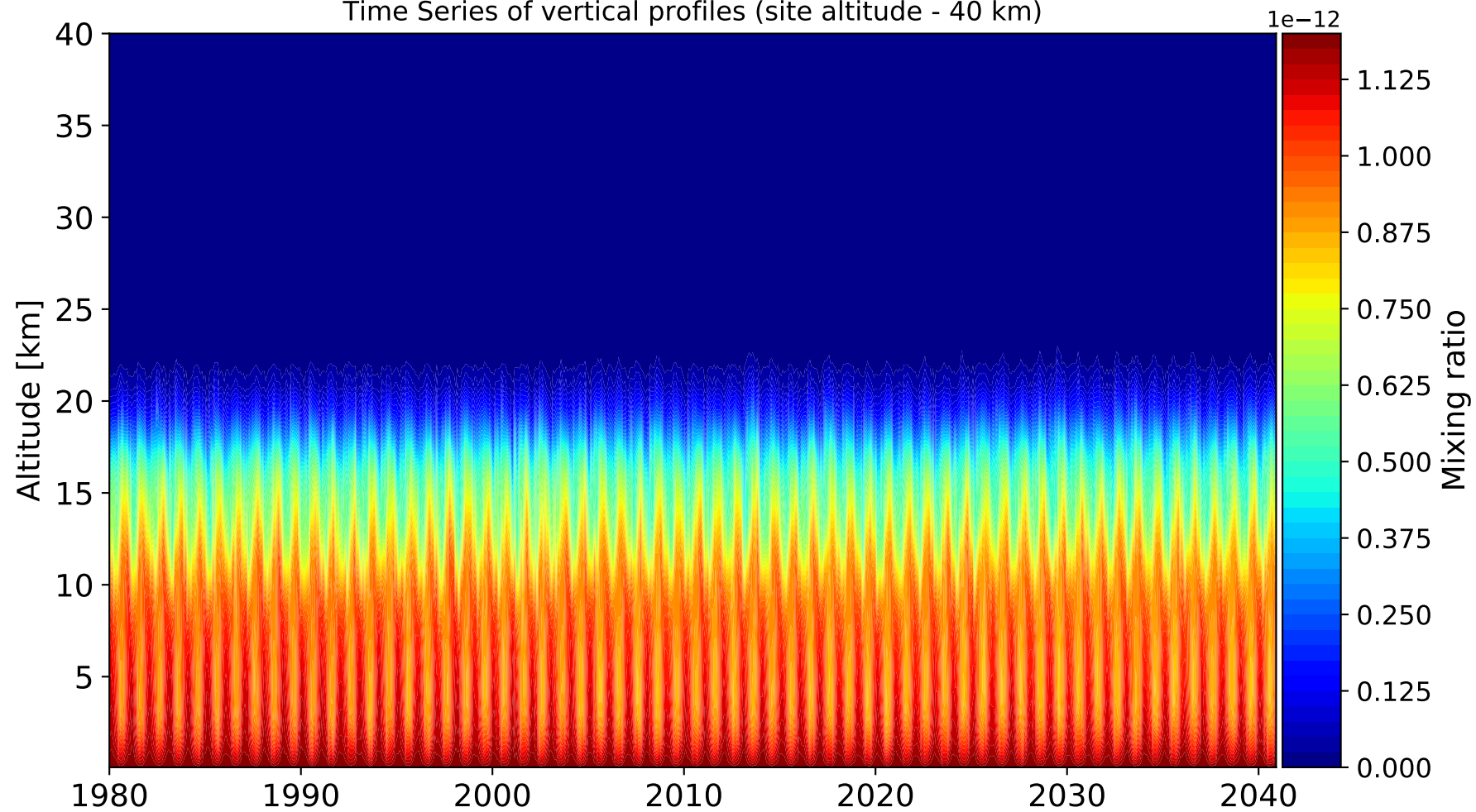


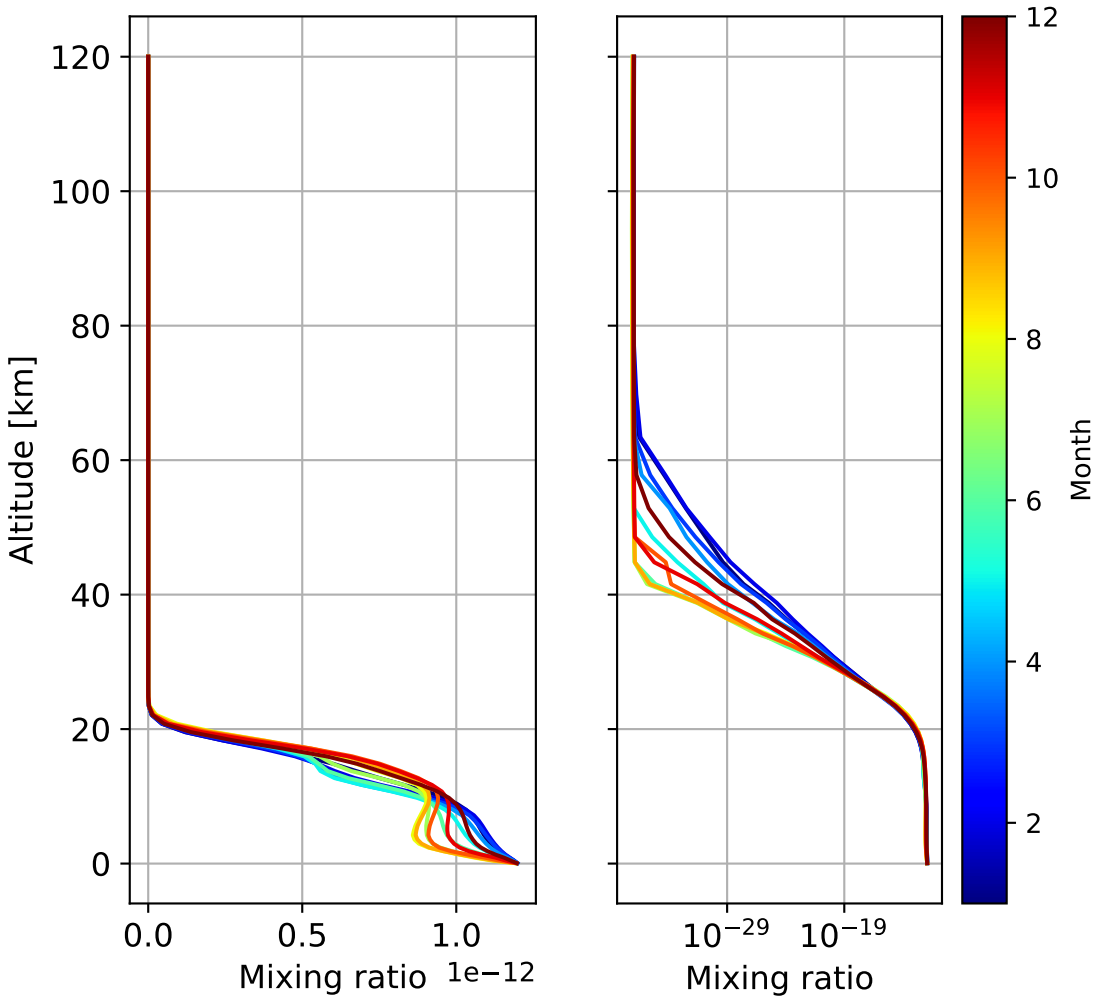
Time Series of vertical profiles (site altitude - 120 km)



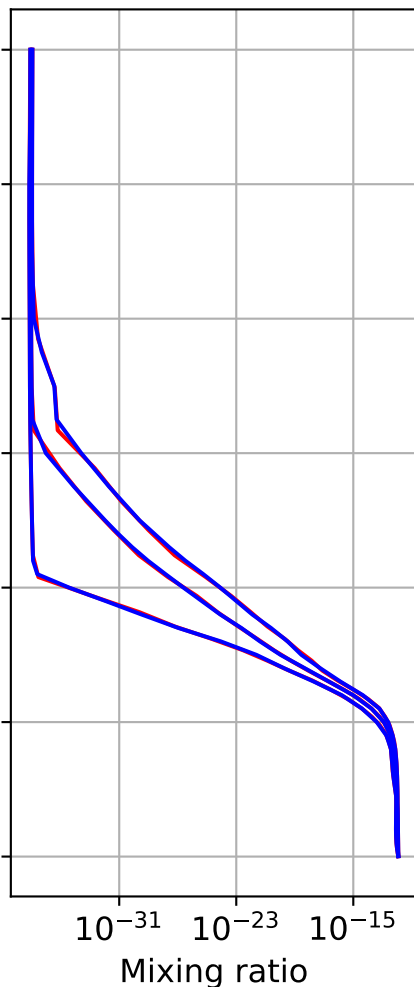
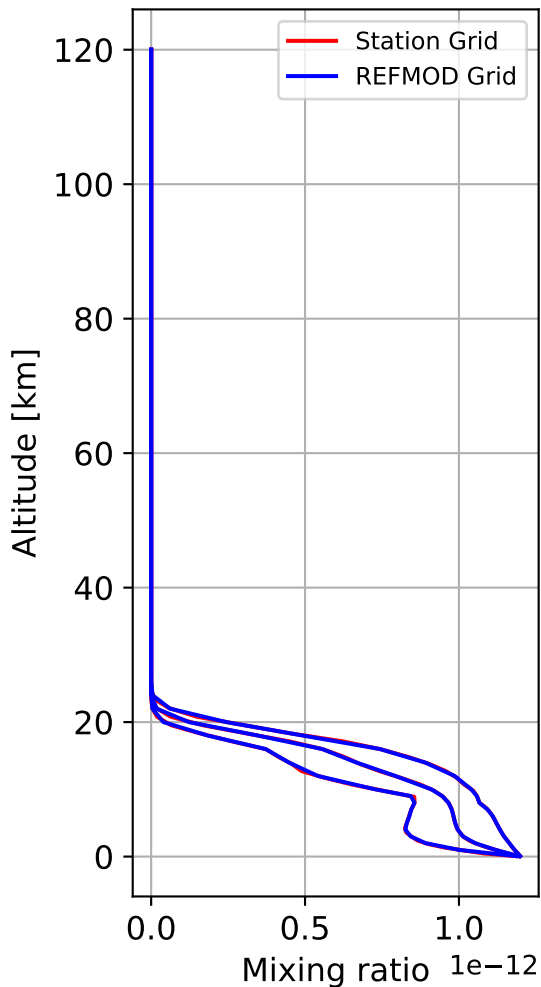
Time Series of vertical profiles (site altitude - 40 km)



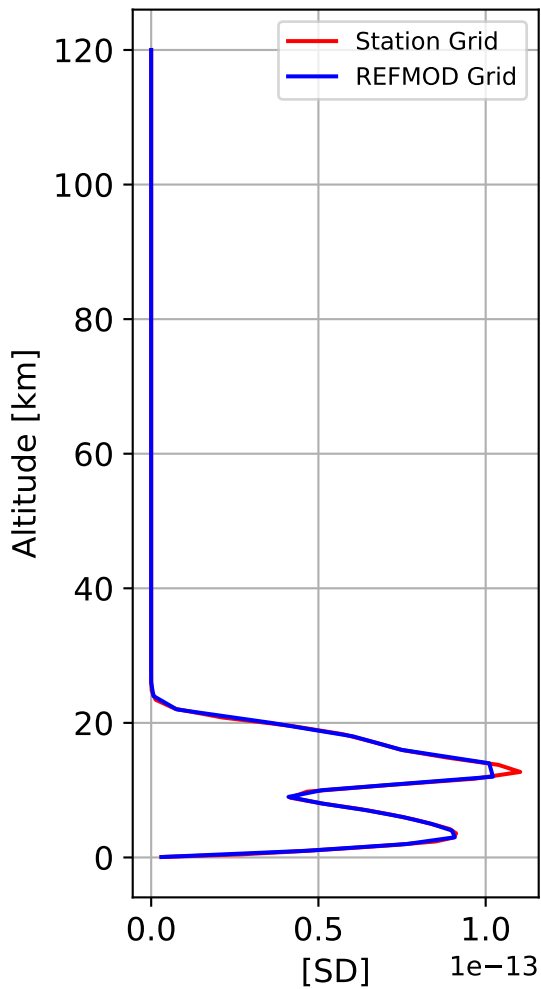
Monthly mean WACCM profile (interpolated to station grid) Halifax, 44.64N, 296.41E, 0.065kmasl



Min, Max, Mean of 732 profiles
Halifax, 44.64N, 296.41E, 0.065kmasl



Std. Deviation



Percent Deviation



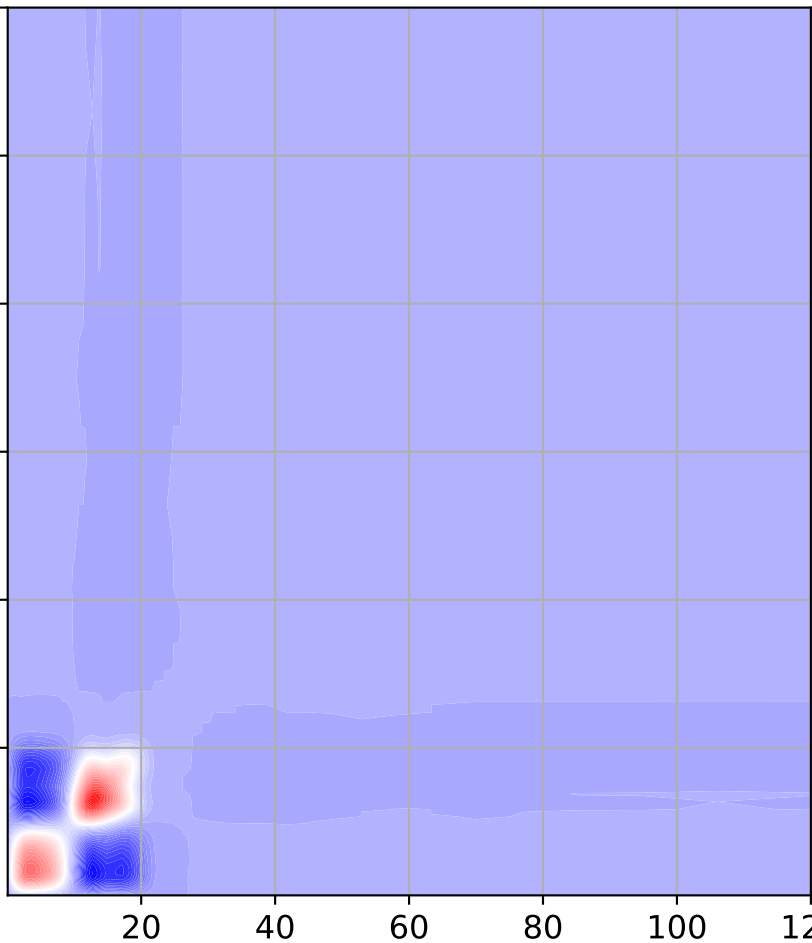
Level covariance matrix

$1e-26$

Altitude [km]

Mixing ratio²]

120
100
80
60
40
20



Altitude [km]