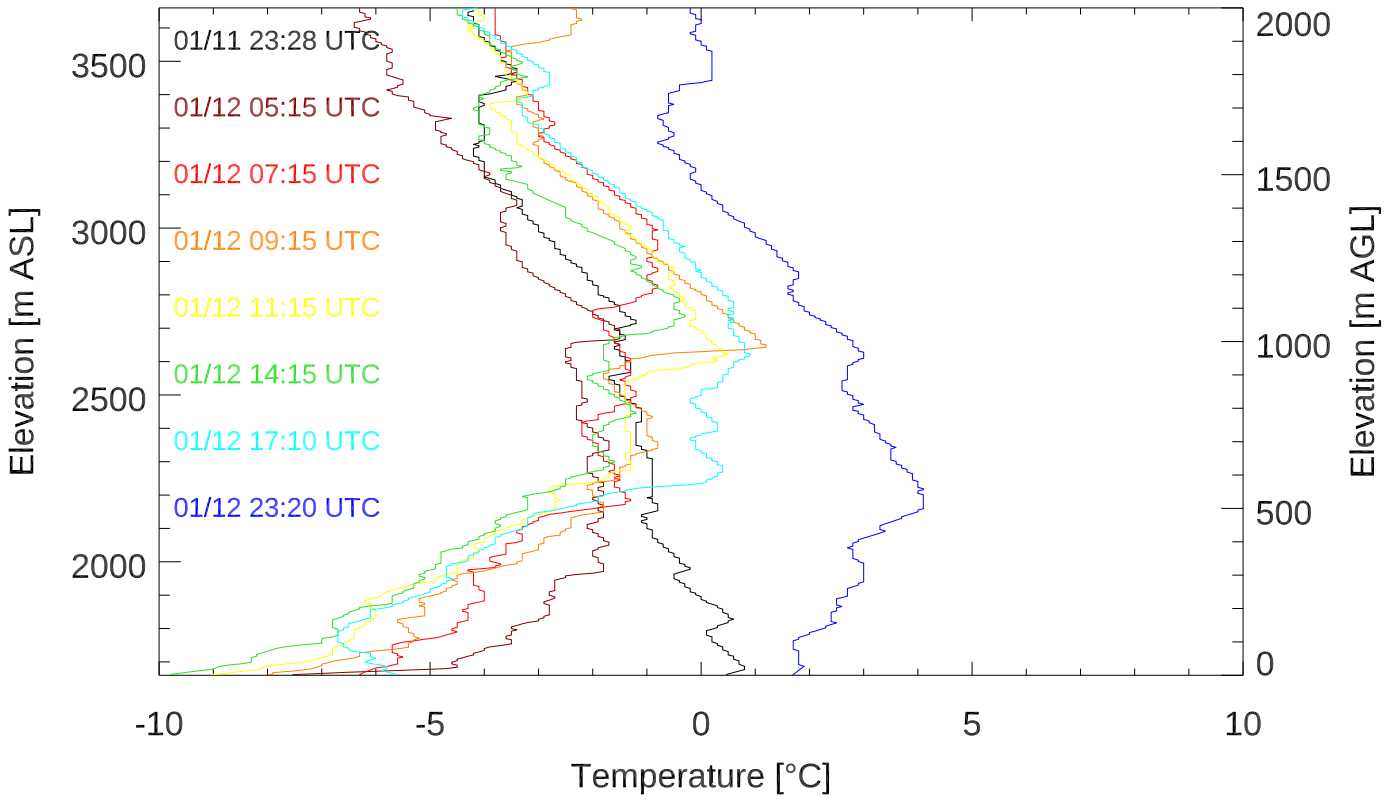
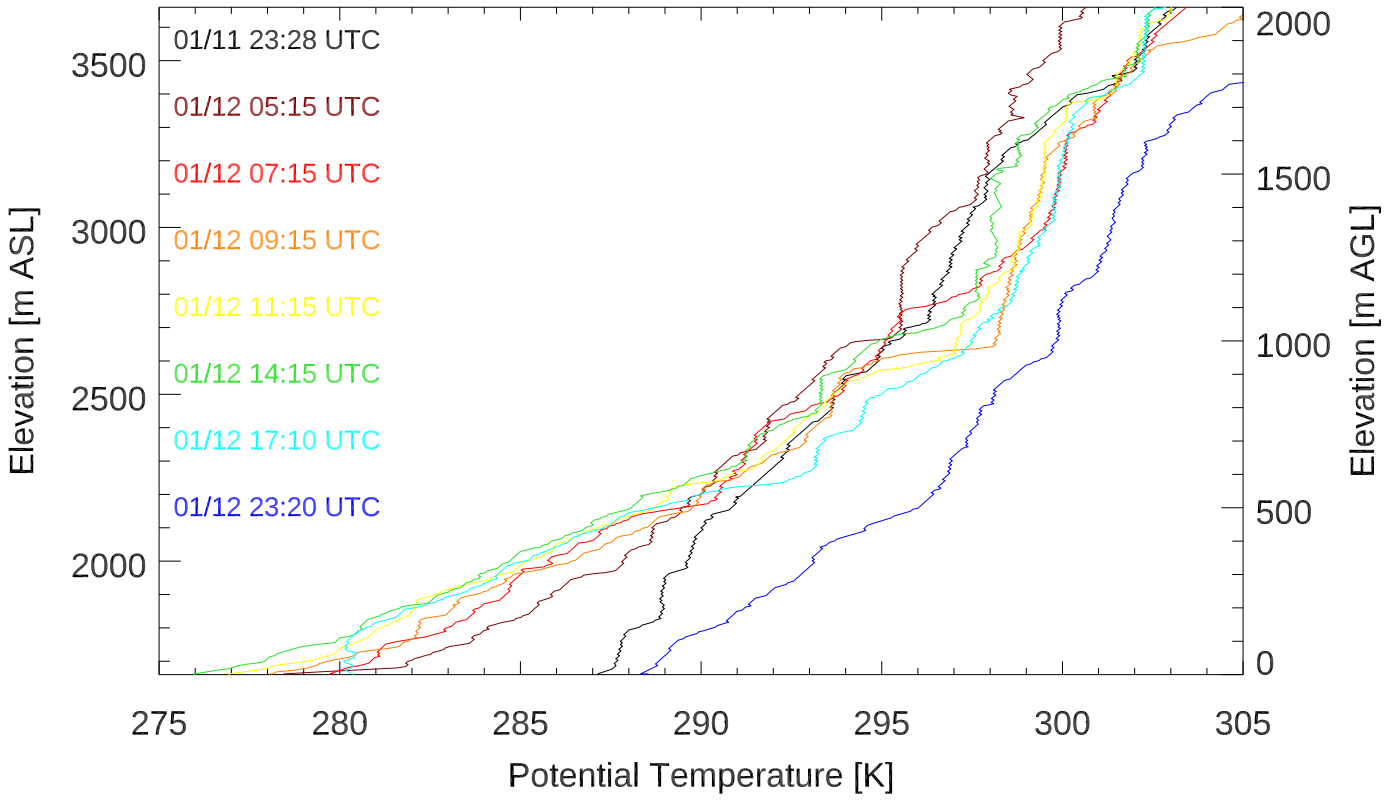
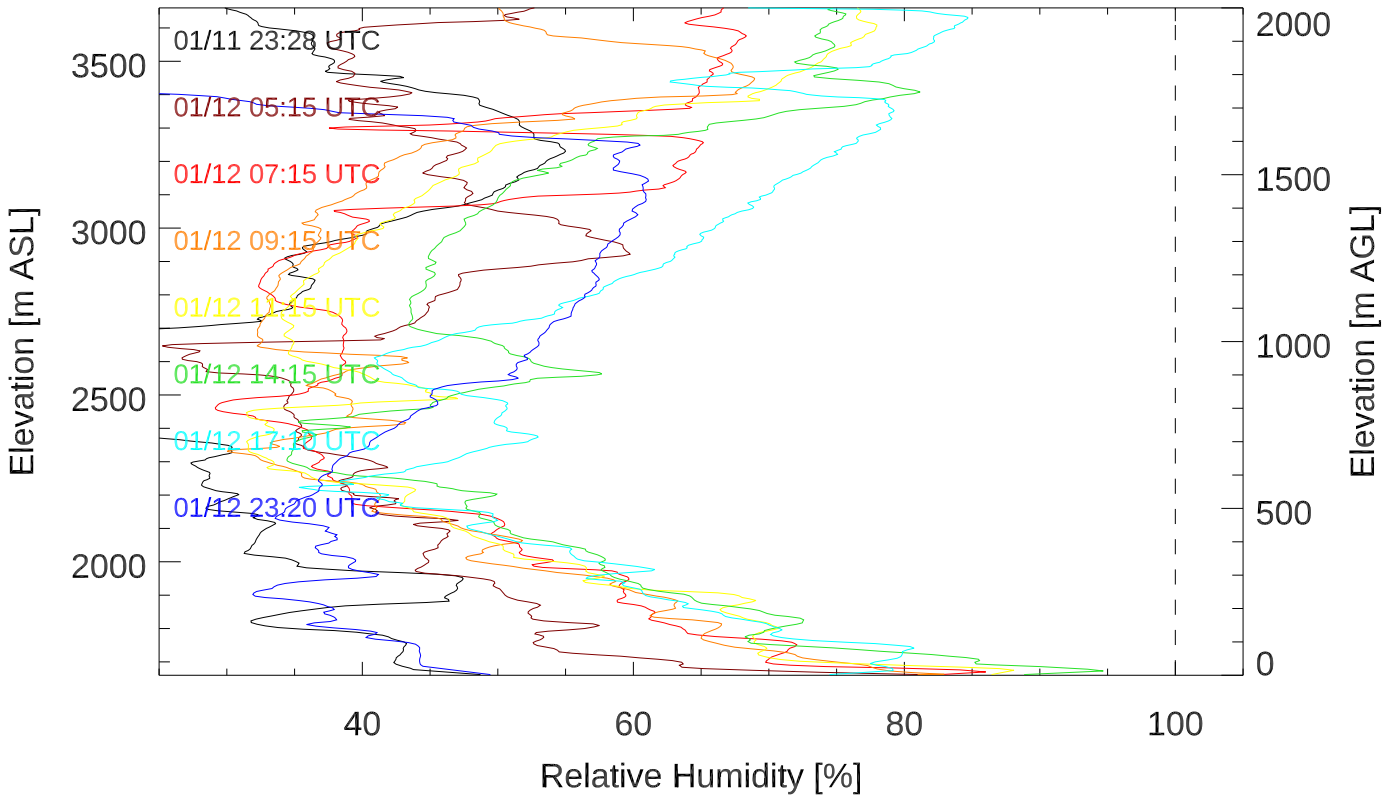
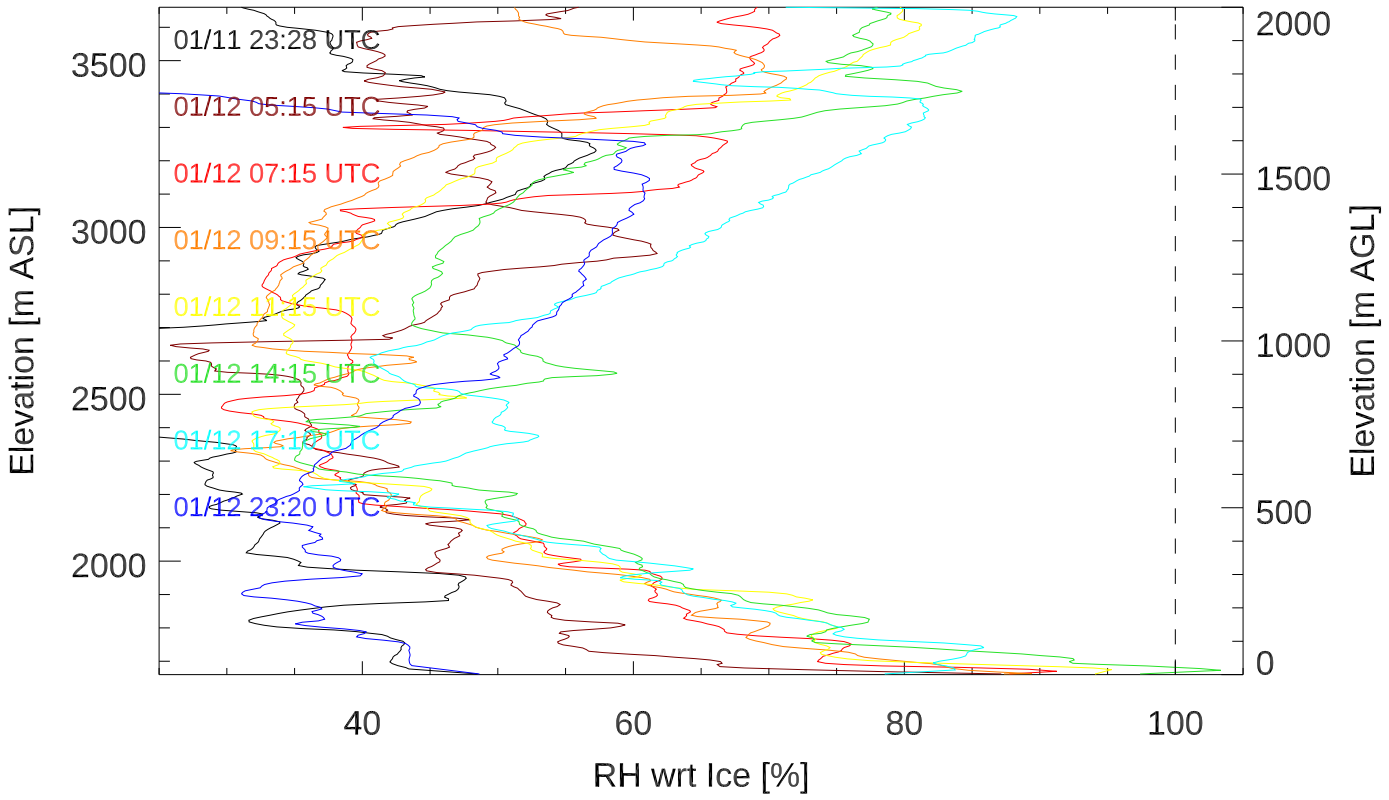
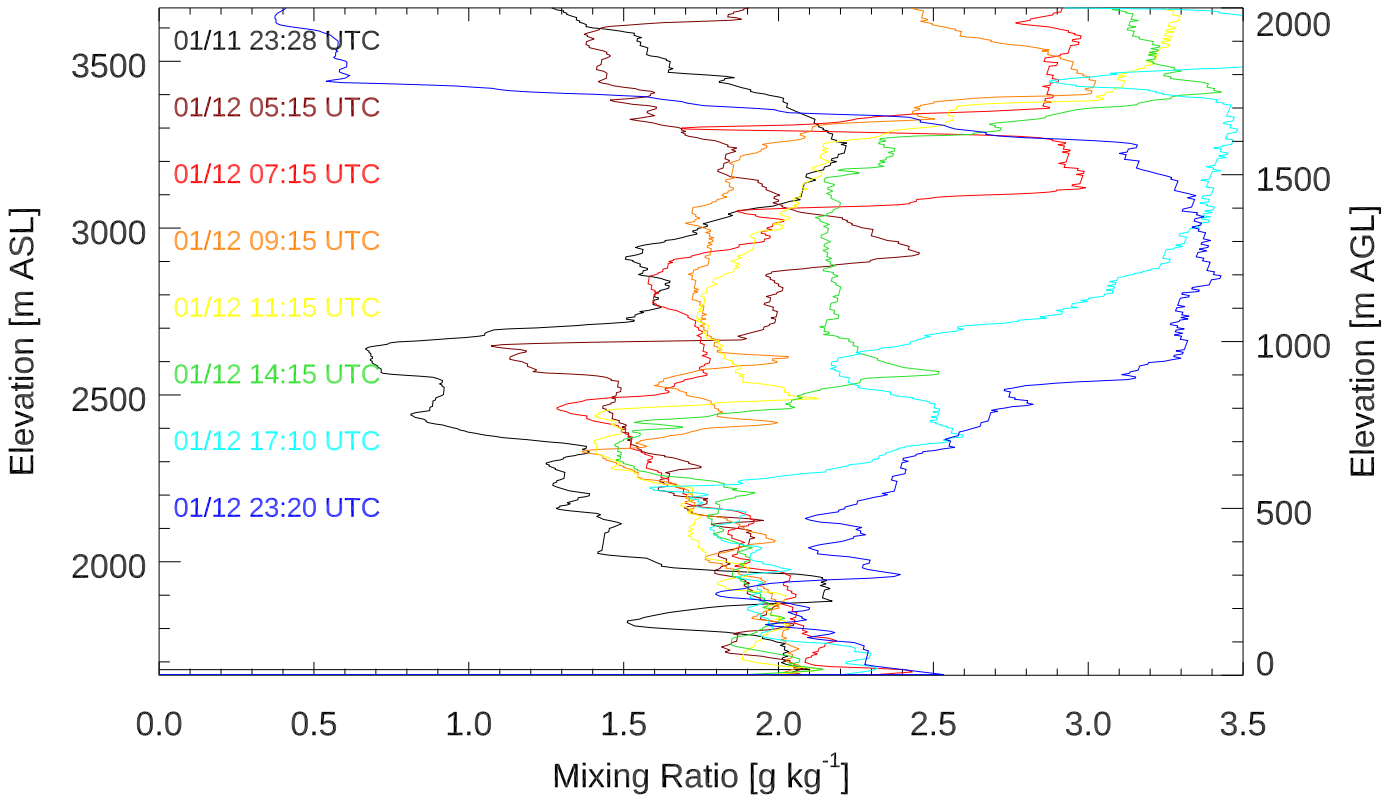
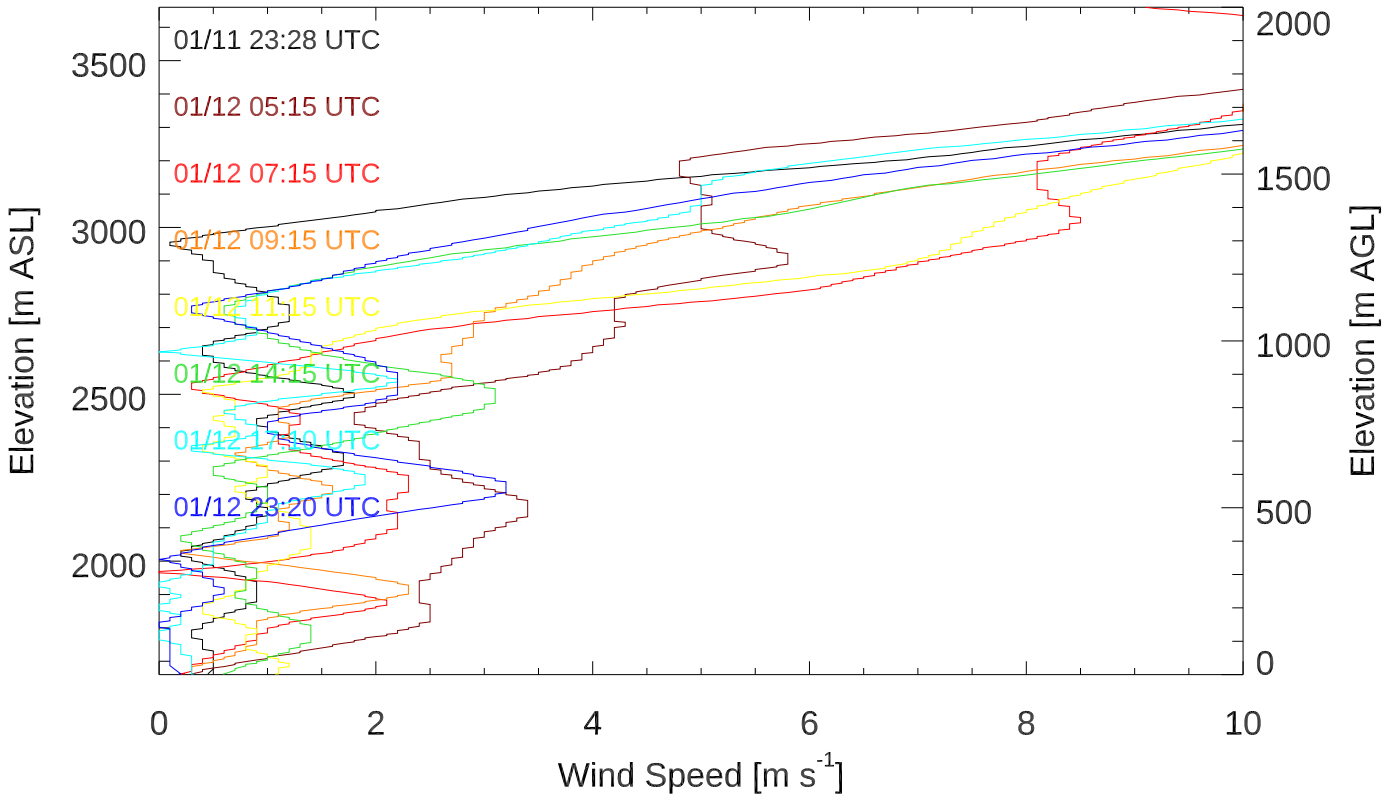

01/11 23:28 UTC
01/12 05:15 UTC
01/12 07:15 UTC
01/12 09:15 UTC
01/12 11:15 UTC
01/12 14:15 UTC
01/12 17:10 UTC
01/12 23:20 UTC
Elevation [m ASL]
3500
3000
2500
2000
Elevation [m AGL]
2000
1500
1000
500
0
-10
-5
0
5
10
Temperature [°C]

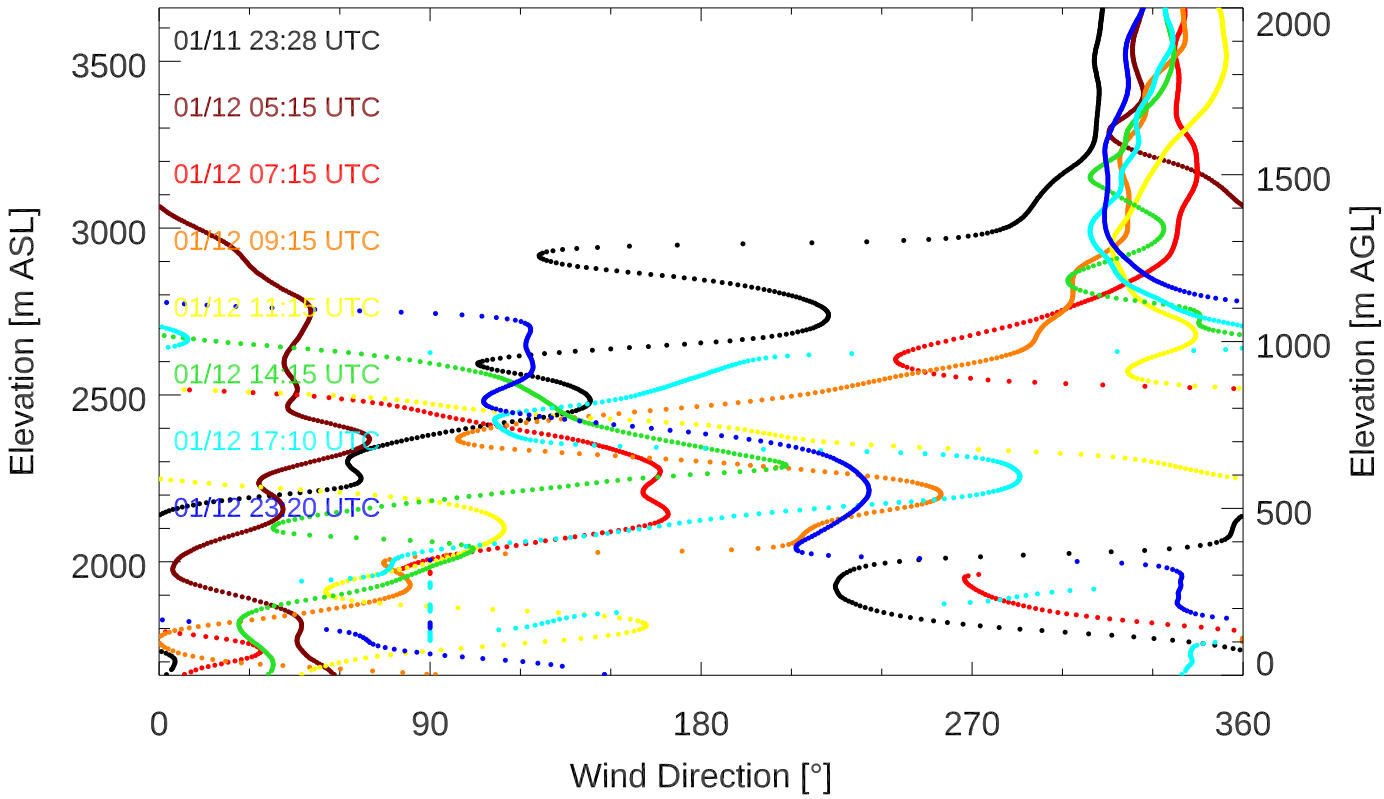

01/11 23:28 UTC
01/12 05:15 UTC
01/12 07:15 UTC
01/12 09:15 UTC
01/12 11:15 UTC
01/12 14:15 UTC
01/12 17:10 UTC
01/12 23:20 UTC
Elevation [m ASL]
3500
3000
2500
2000
Elevation [m AGL]
2000
1500
1000
500
0
275
280
285
290
295
300
305
Potential Temperature [K]


01/11 23:28 UTC
01/12 05:15 UTC
01/12 07:15 UTC
01/12 09:15 UTC
01/12 11:15 UTC
01/12 14:15 UTC
01/12 17:10 UTC
01/12 23:20 UTC
Elevation [m ASL]
Elevation [m AGL]
Relative Humidity [%]
3500
3000
2500
2000
2000
1500
1000
500
0
40
60
80
100


01/11 23:28 UTC
01/12 05:15 UTC
01/12 07:15 UTC
01/12 09:15 UTC
01/12 11:15 UTC
01/12 14:15 UTC
01/12 17:10 UTC
01/12 23:20 UTC
Elevation [m ASL]
Elevation [m AGL]
RH wrt Ice [%]
3500
3000
2500
2000
2000
1500
1000
500
0
40
60
80
100


01/11 23:28 UTC
01/12 05:15 UTC
01/12 07:15 UTC
01/12 09:15 UTC
01/12 11:15 UTC
01/12 14:15 UTC
01/12 17:10 UTC
01/12 23:20 UTC
Elevation [m ASL]
Elevation [m AGL]
Mixing Ratio [g kg-1]
3500
3000
2500
2000
2000
1500
1000
500
0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5


01/11 23:28 UTC
01/12 05:15 UTC
01/12 07:15 UTC
01/12 09:15 UTC
01/12 11:15 UTC
01/12 14:15 UTC
01/12 17:10 UTC
01/12 23:20 UTC
Elevation [m ASL]
Elevation [m AGL]
Wind Speed [m s-1]
3500
3000
2500
2000
2000
1500
1000
500
0
0
2
4
6
8
10


01/11 23:28 UTC
01/12 05:15 UTC
01/12 07:15 UTC
01/12 09:15 UTC
01/12 11:15 UTC
01/12 14:15 UTC
01/12 17:10 UTC
01/12 23:20 UTC
Elevation [m ASL]
3500
3000
2500
2000
Elevation [m AGL]
2000
1500
1000
500
0
0
90
180
270
360
Wind Direction [°]