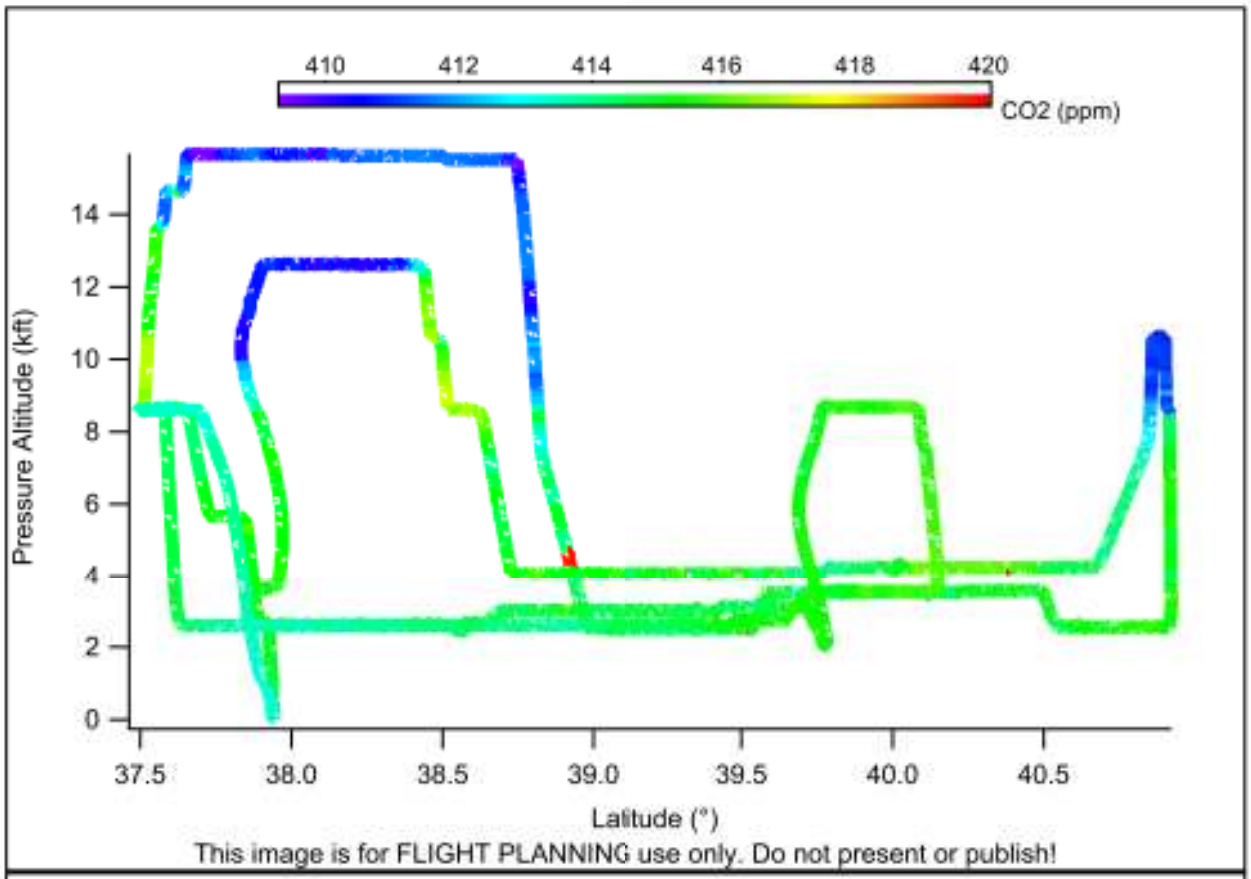
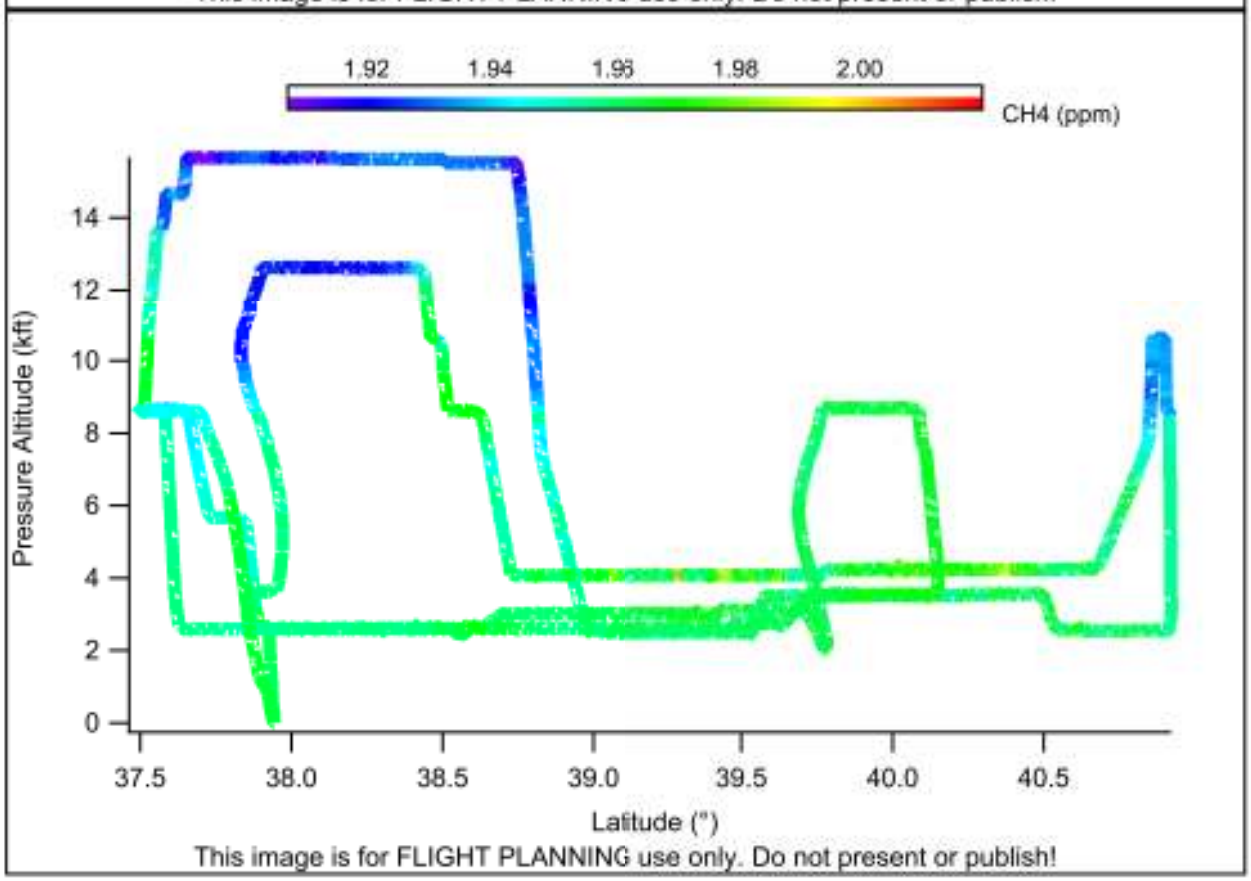
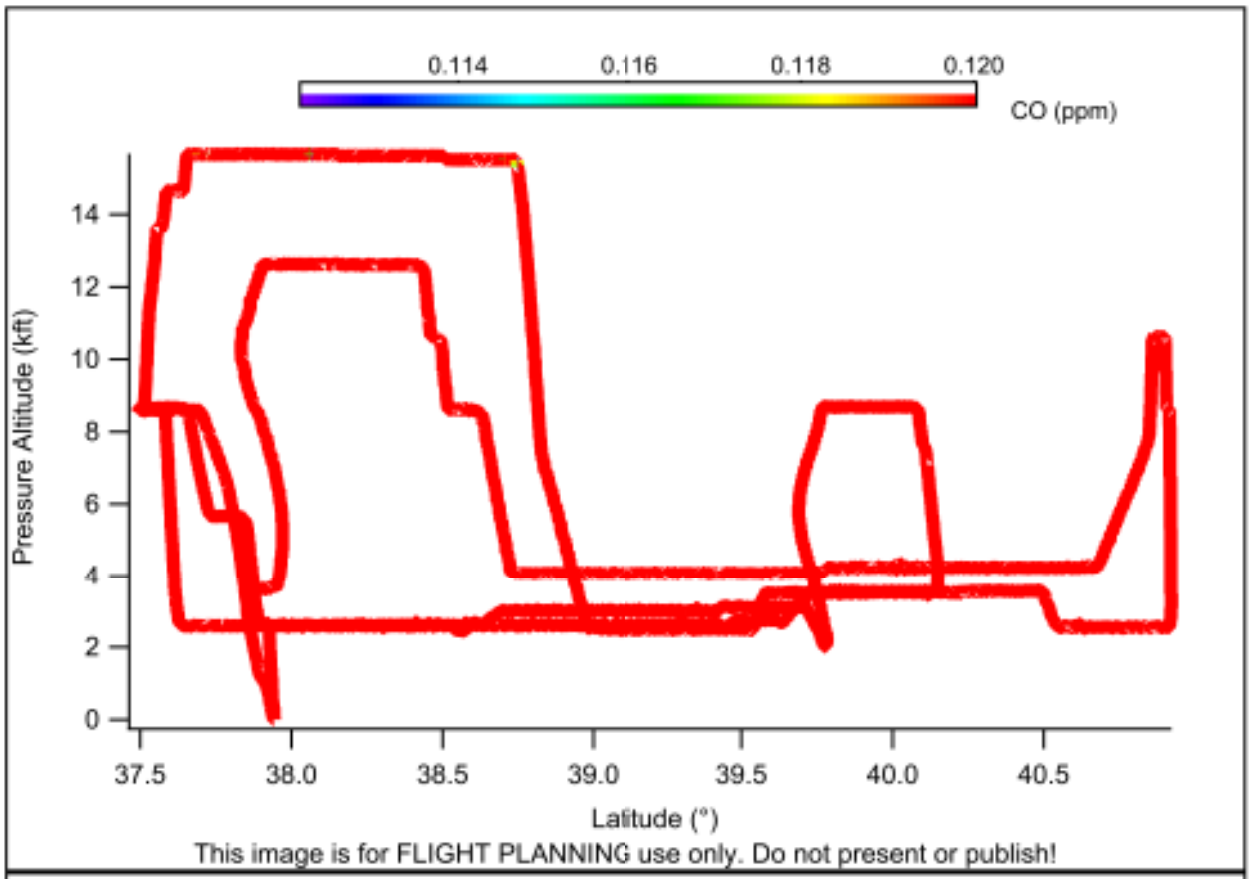
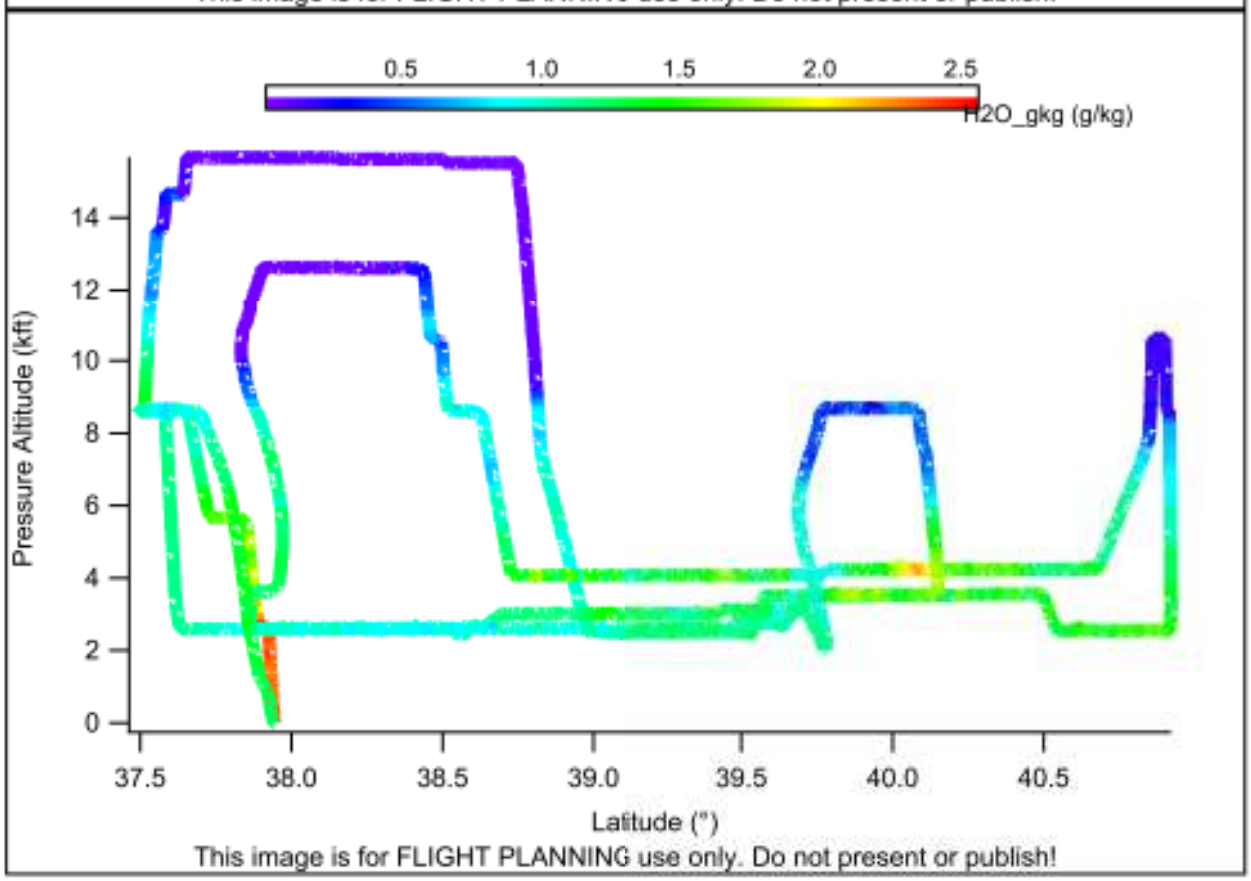
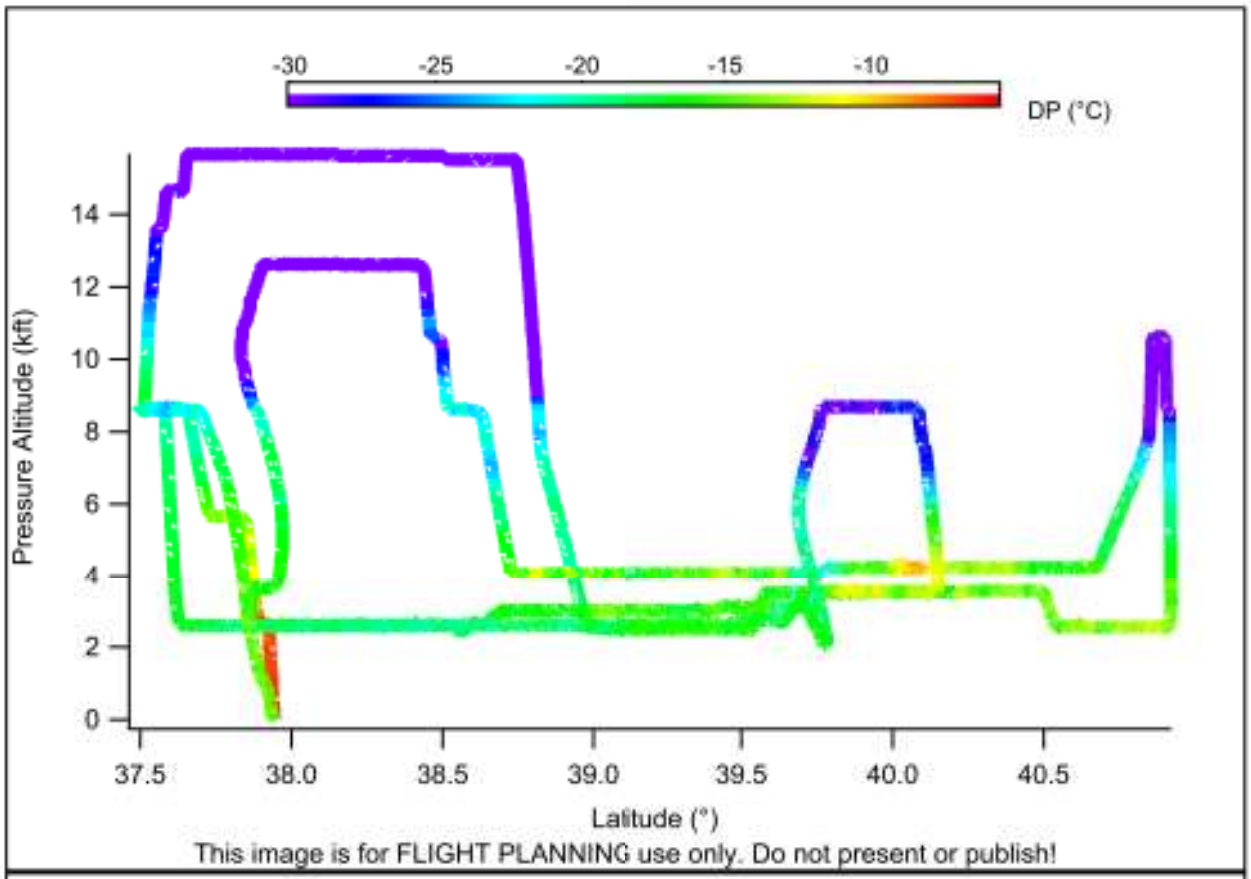
ACT-America 20170303

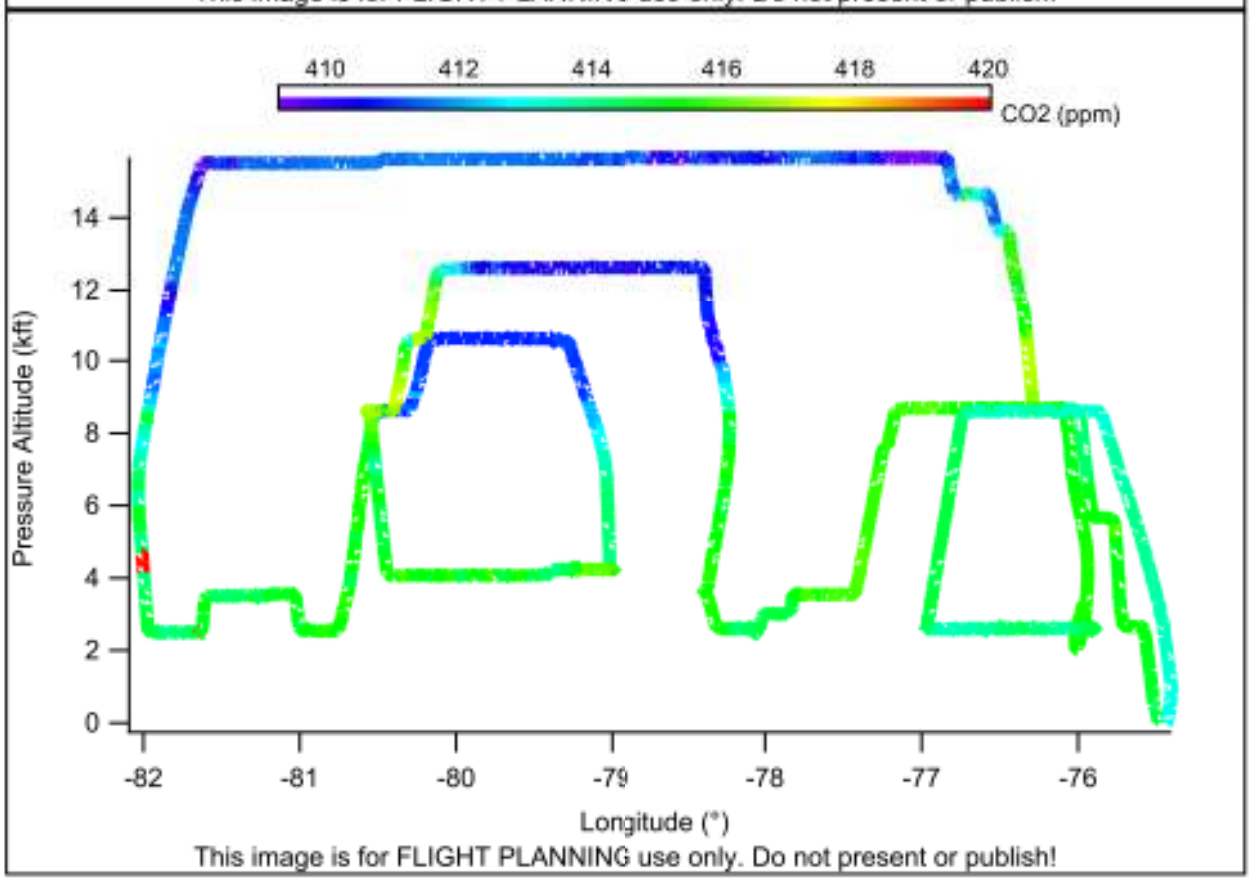

410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
37.5
38.0
38.5
39.0
39.5
40.0
40.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

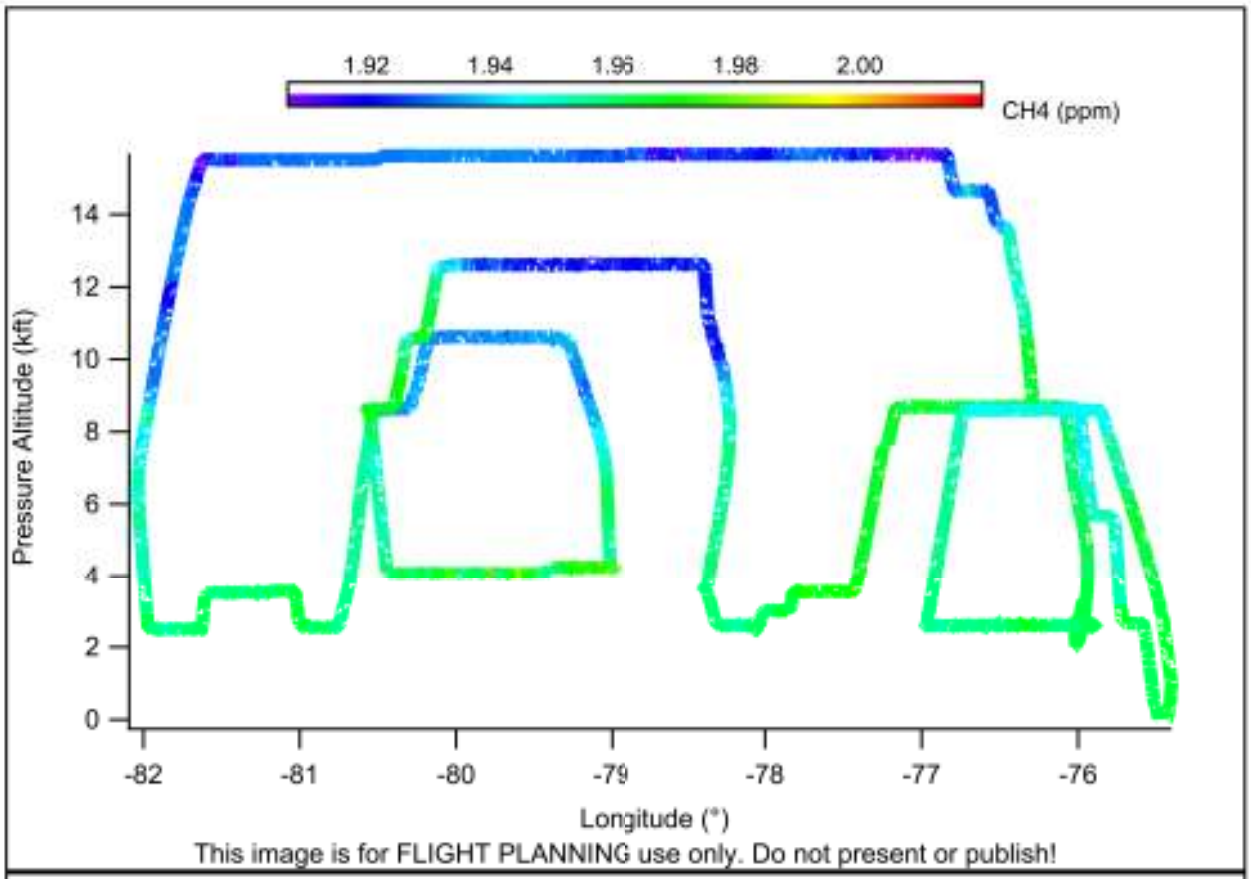

1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
37.5
38.0
38.5
39.0
39.5
40.0
40.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

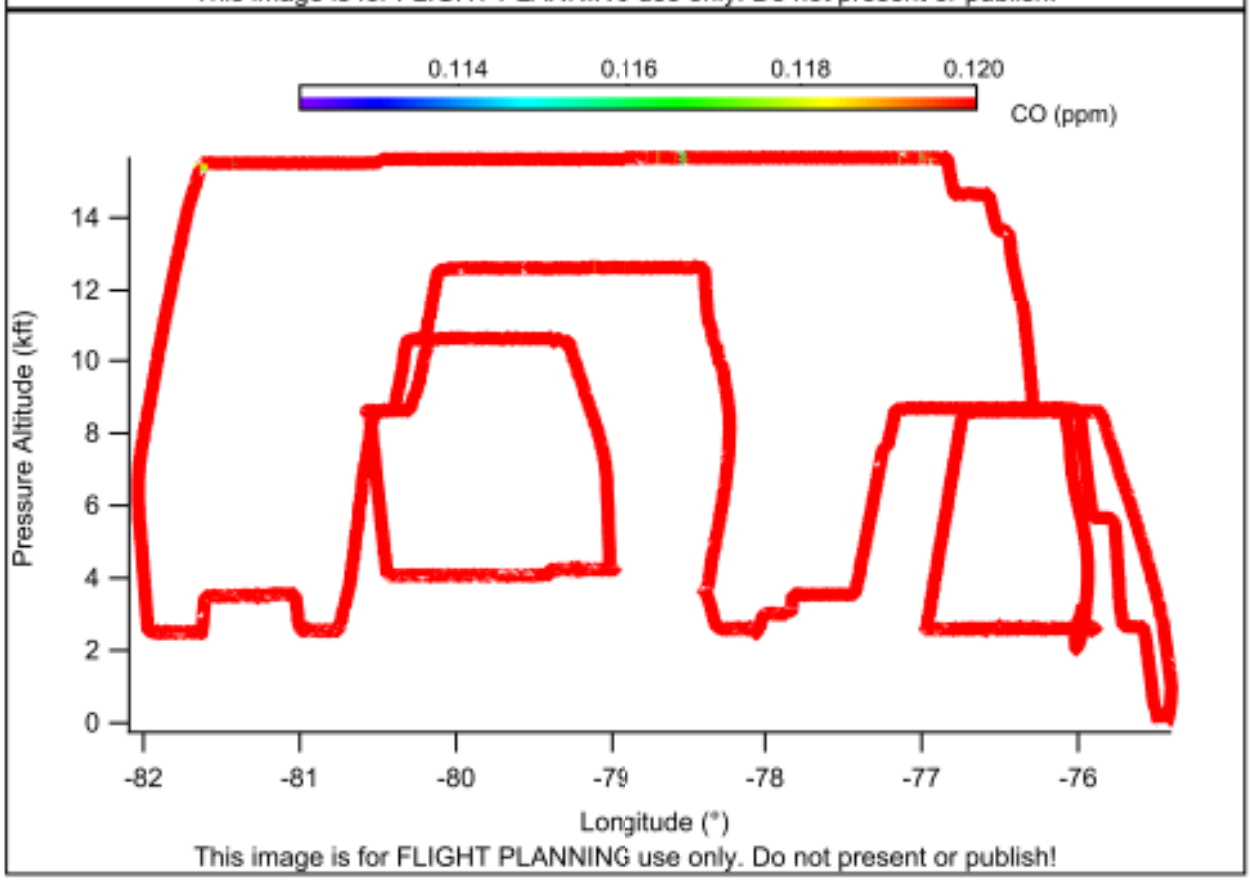

0.114
0.116
0.118
0.120
CO (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
37.5
38.0
38.5
39.0
39.5
40.0
40.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

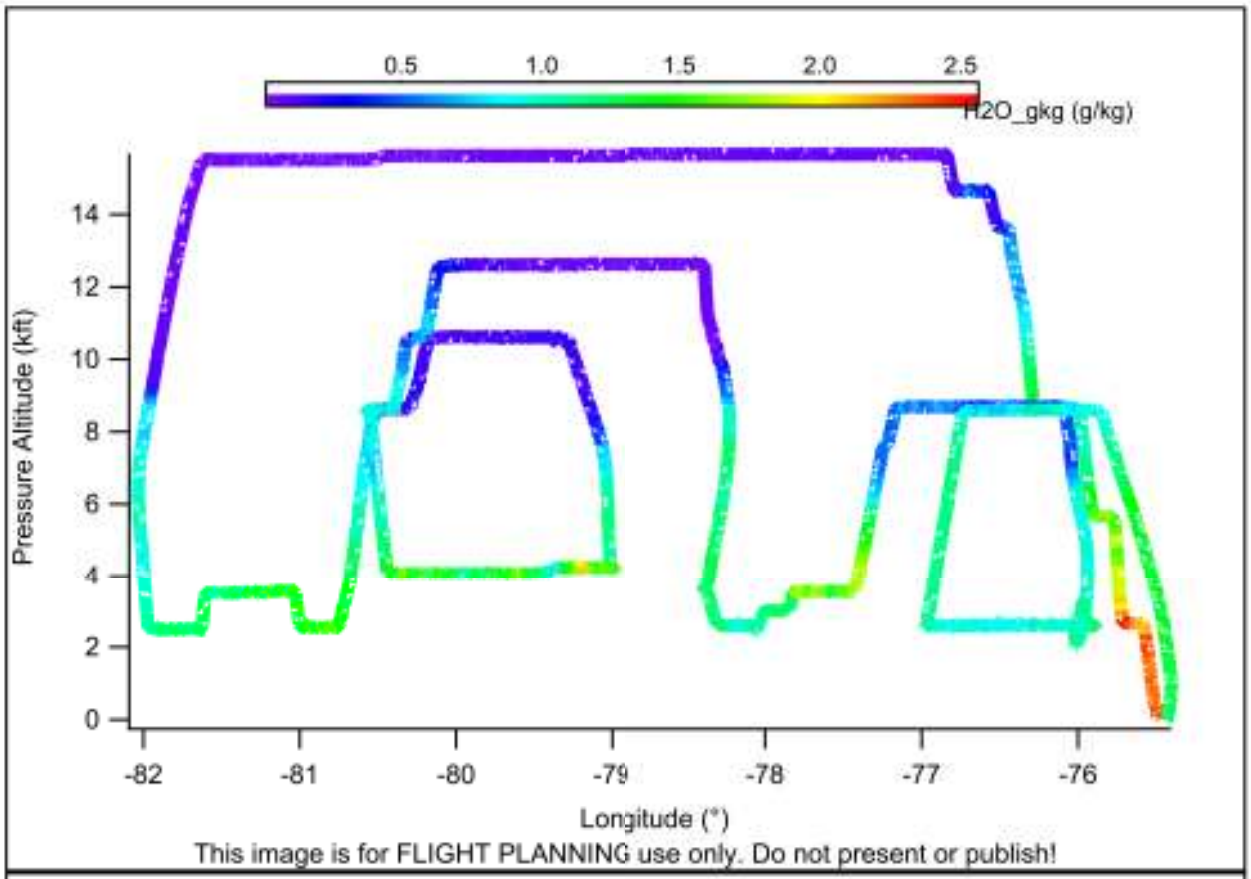

0.5
1.0
1.5
2.0
2.5
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
37.5
38.0
38.5
39.0
39.5
40.0
40.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

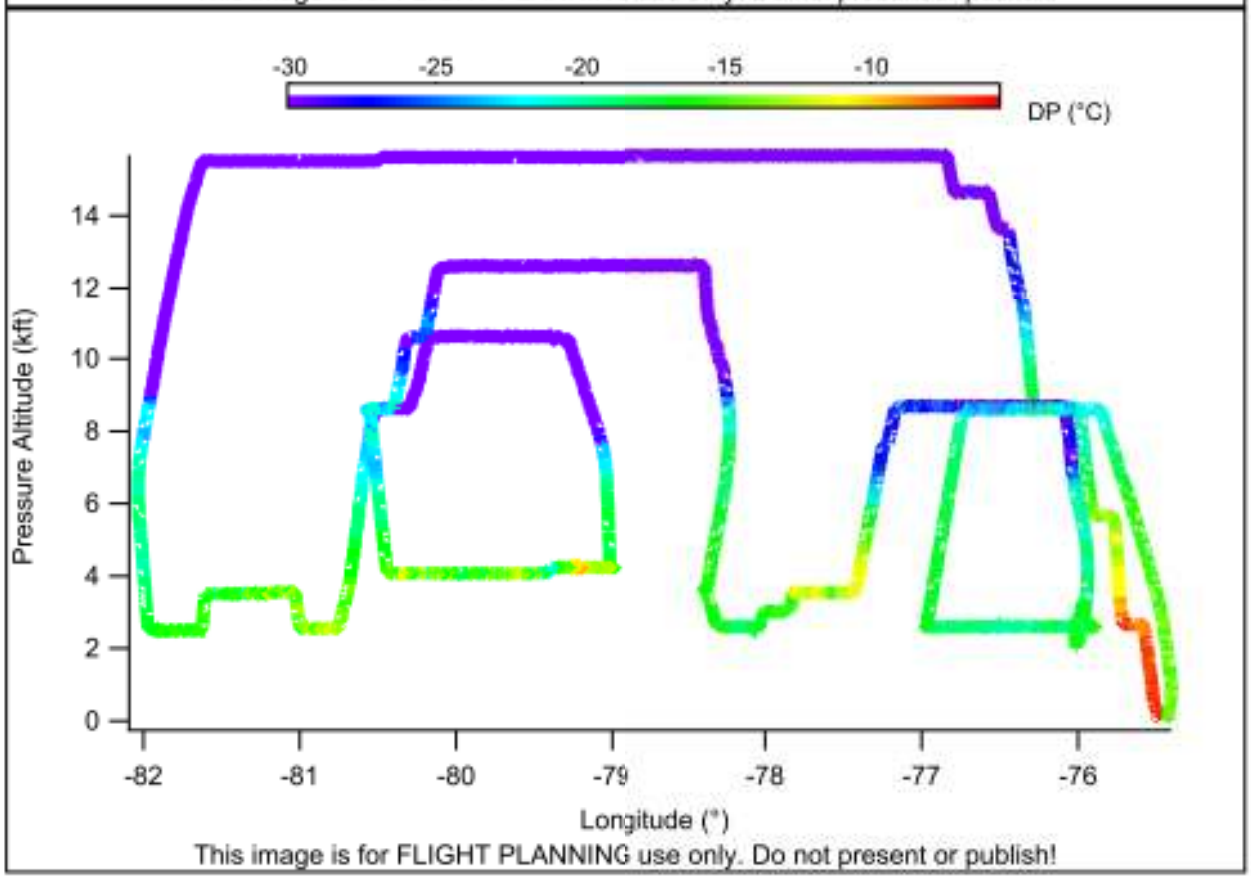

-30
-25
-20
-15
-10
DP (°C)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
37.5
38.0
38.5
39.0
39.5
40.0
40.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

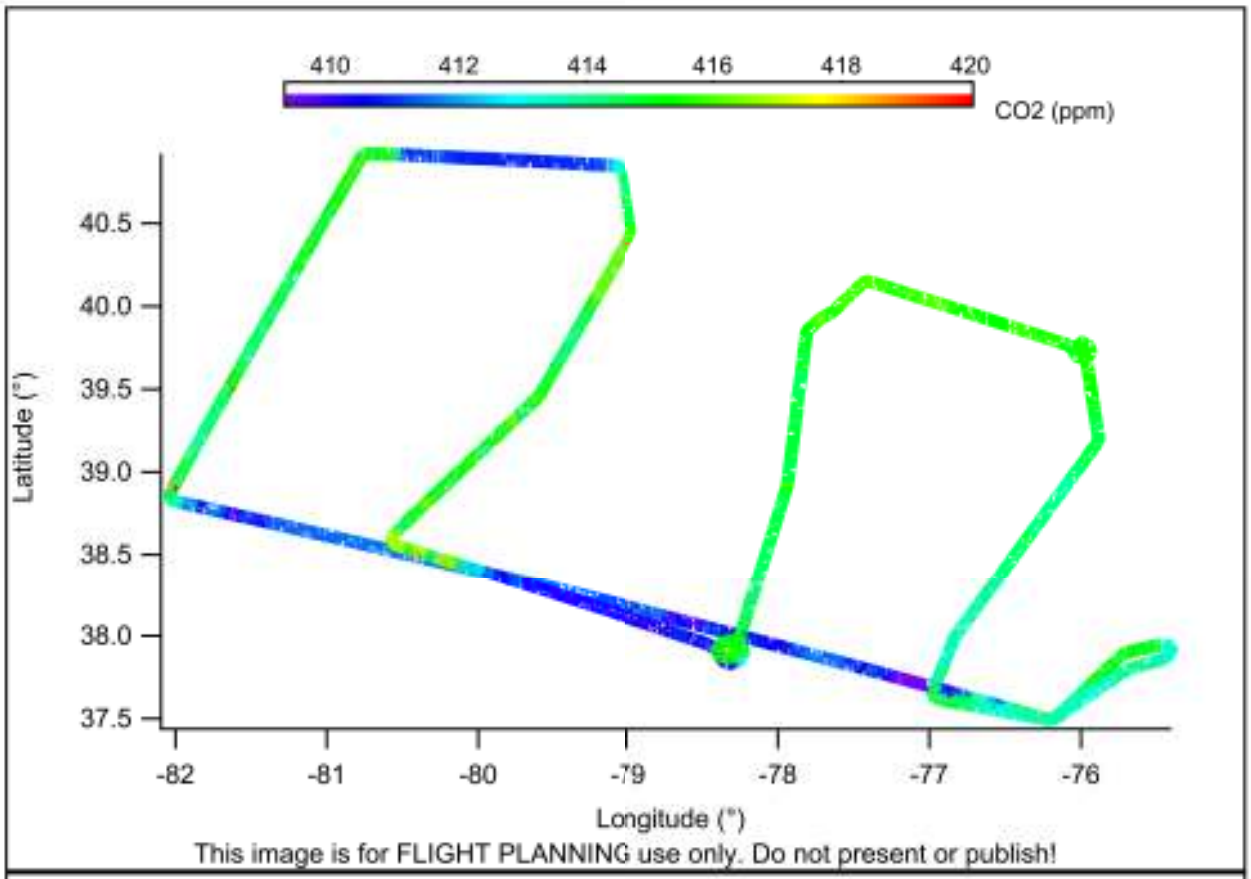

410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-82
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

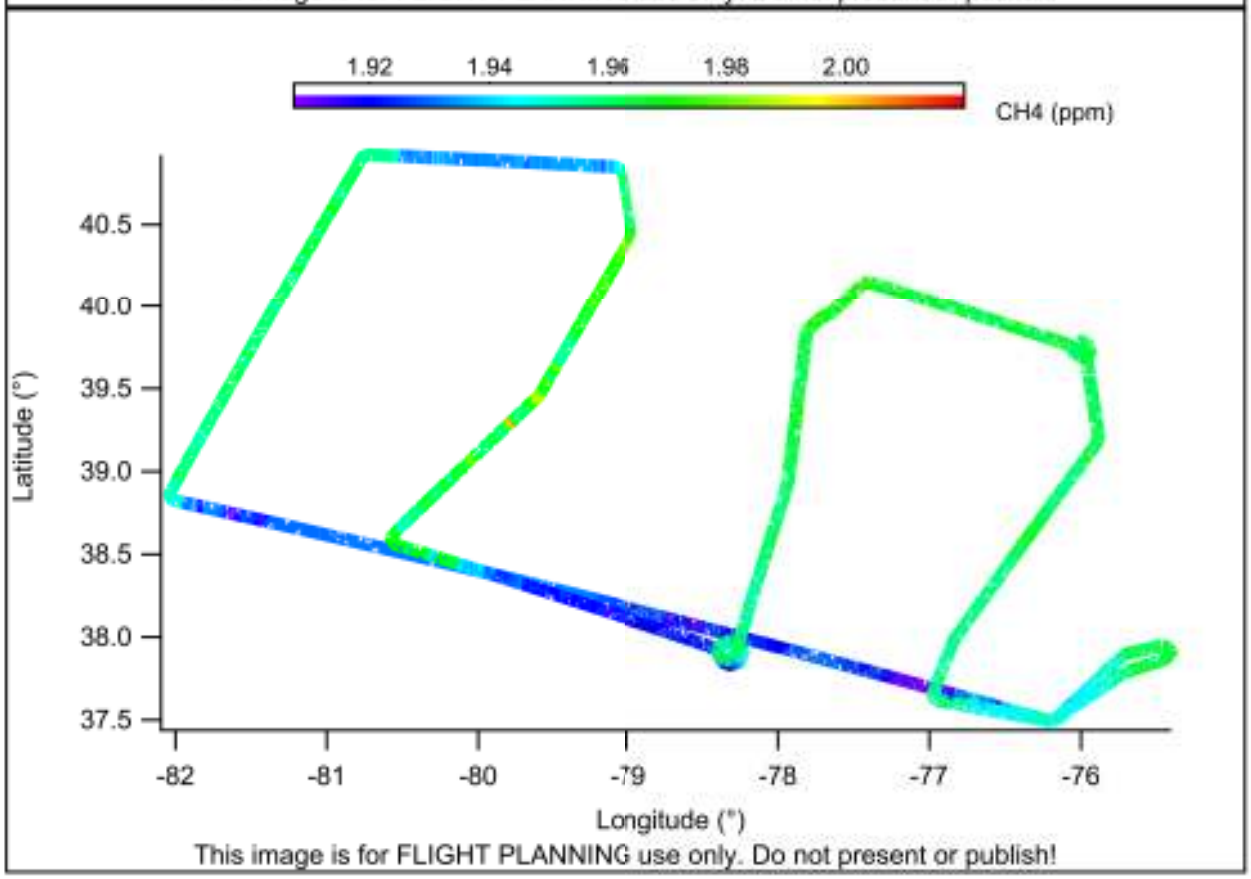

1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-82
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0.114
0.116
0.118
0.120
CO (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-82
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0.5
1.0
1.5
2.0
2.5
H2O_gkg (g/kg)
Pressure Altitude (kft)
14
12
10
8
6
4
2
0
-82
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-30
-25
-20
-15
-10
DP (°C)
Pressure Altitude (kft)
14
12
10
8
6
4
2
0
-82
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


410
412
414
416
418
420
CO2 (ppm)
40.5
40.0
39.5
39.0
38.5
38.0
37.5
Latitude (°)
-82
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
40.5
40.0
39.5
39.0
38.5
38.0
37.5
Latitude (°)
-82
-81
-80
-79
-78
-77
-76
Longitude (°)
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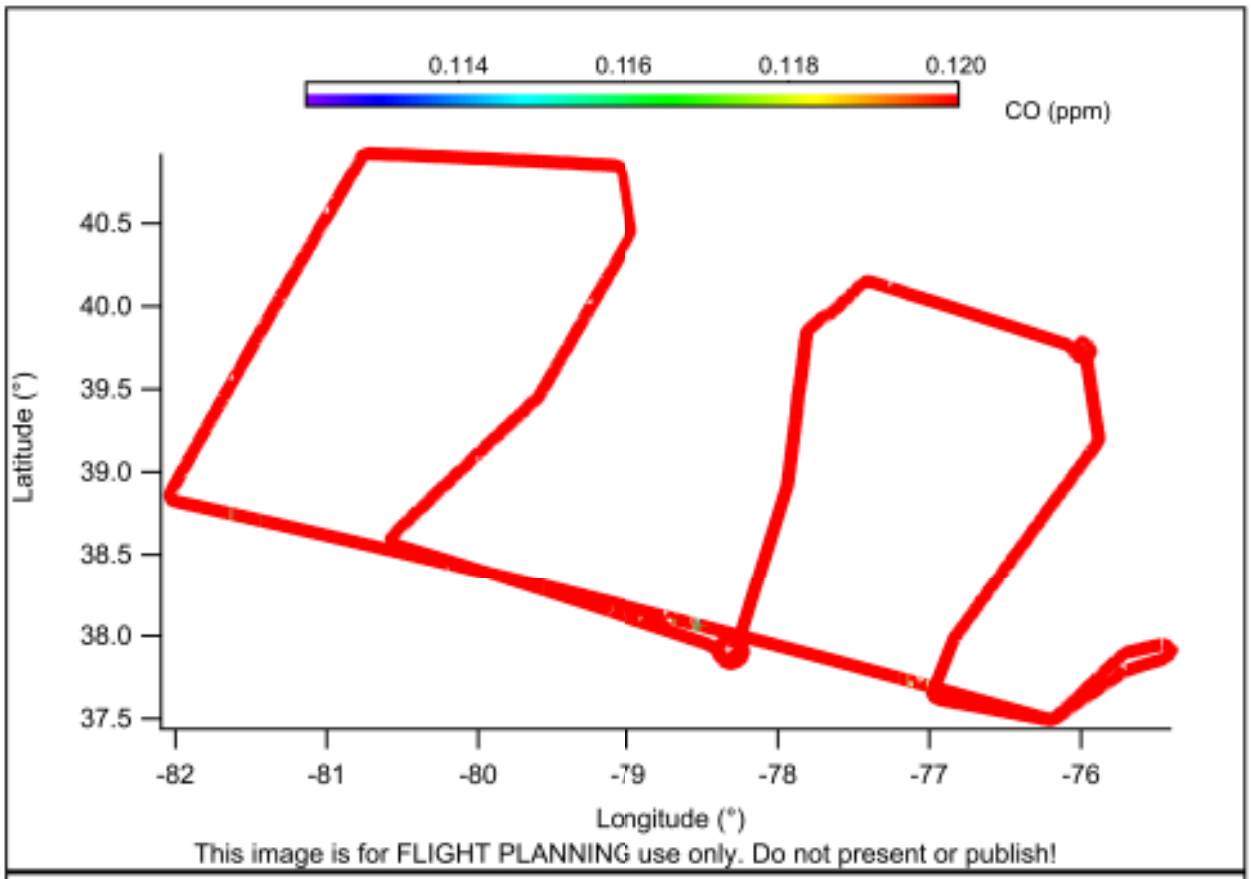
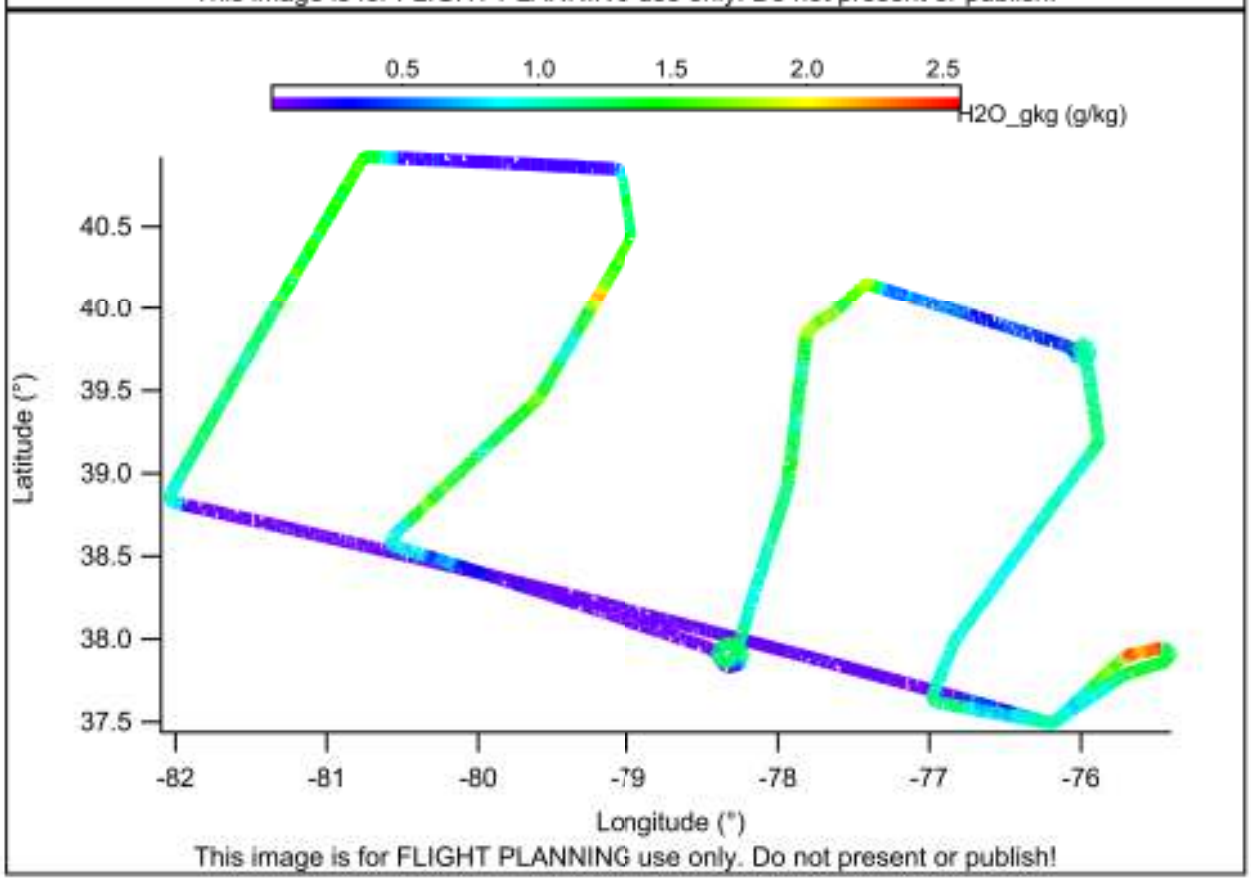
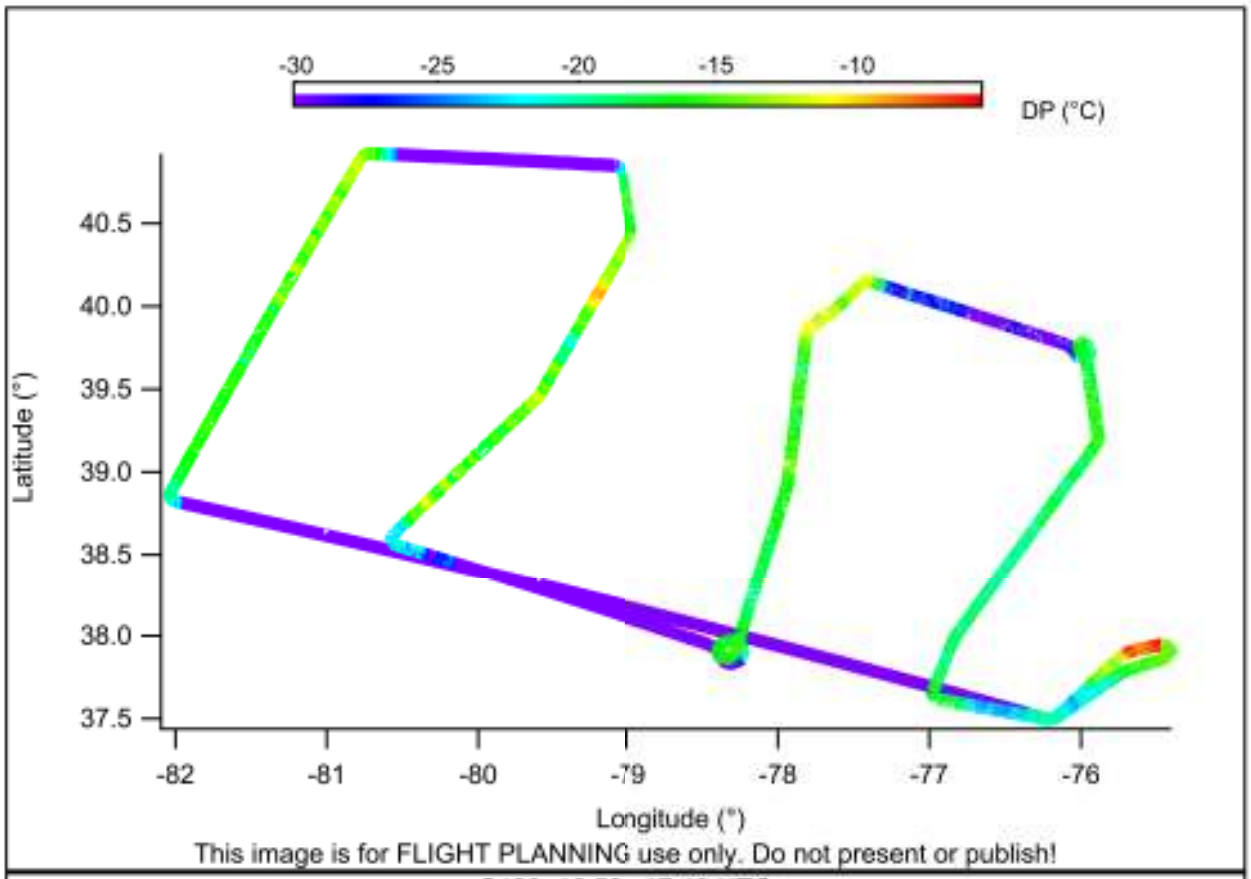
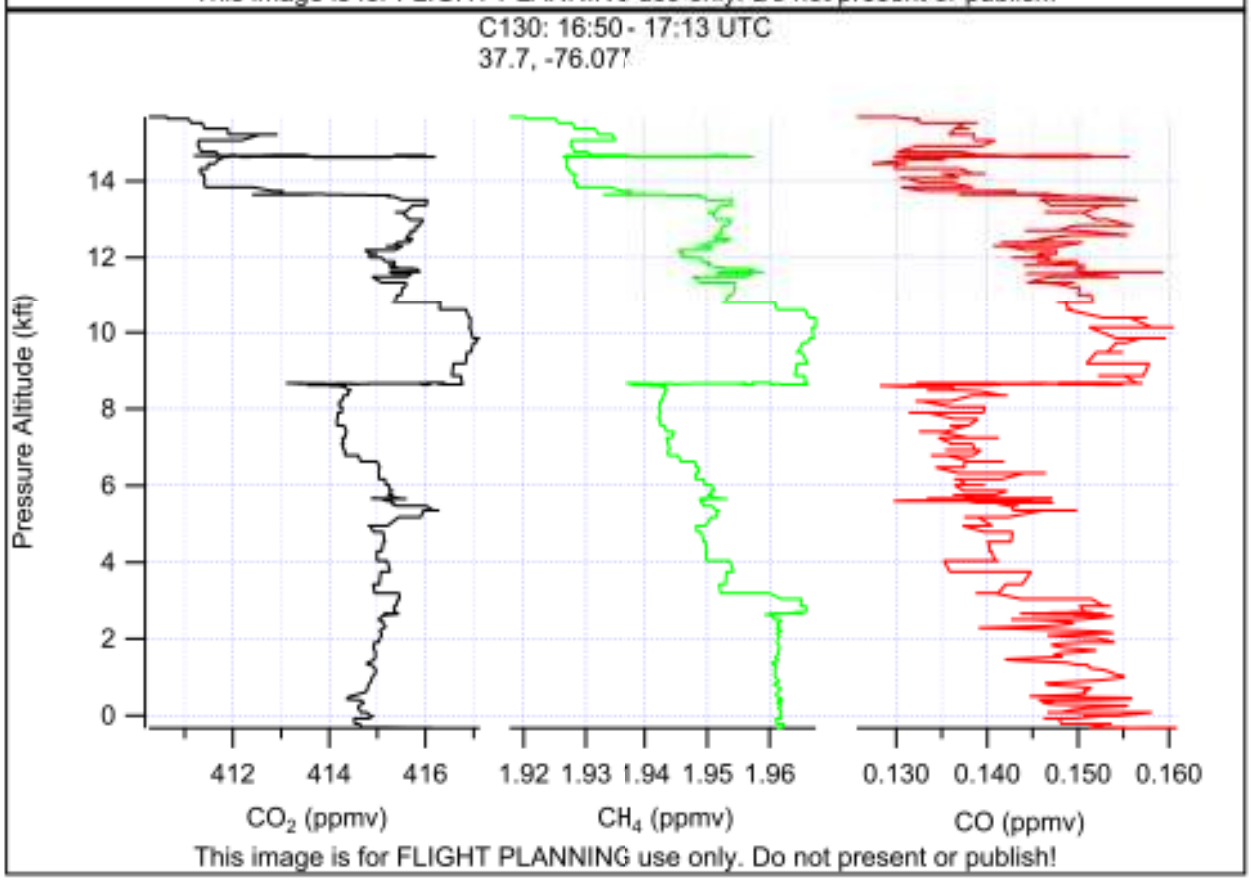
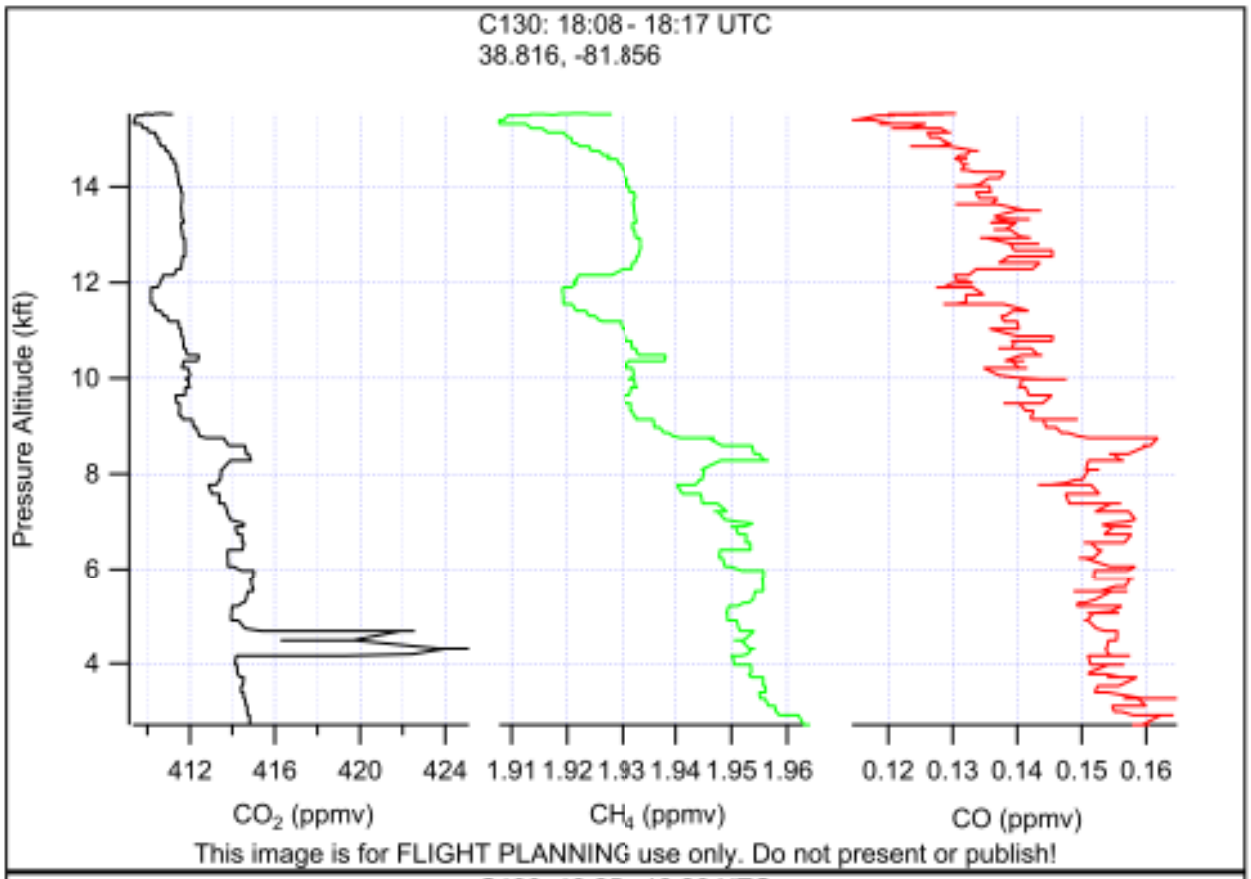
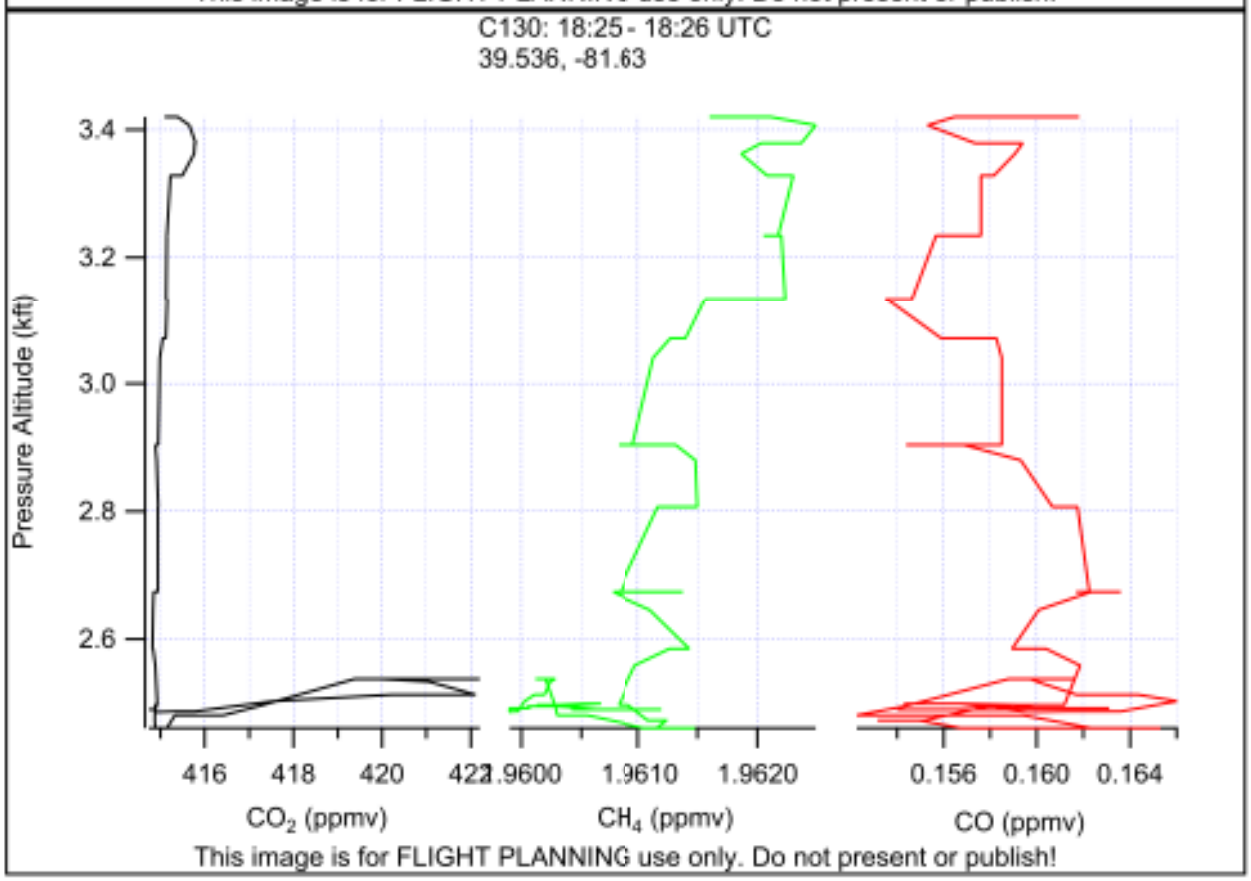

0.114
0.116
0.118
0.120
CO (ppm)
40.5
40.0
39.5
39.0
38.5
38.0
37.5
Latitude (°)
-82
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

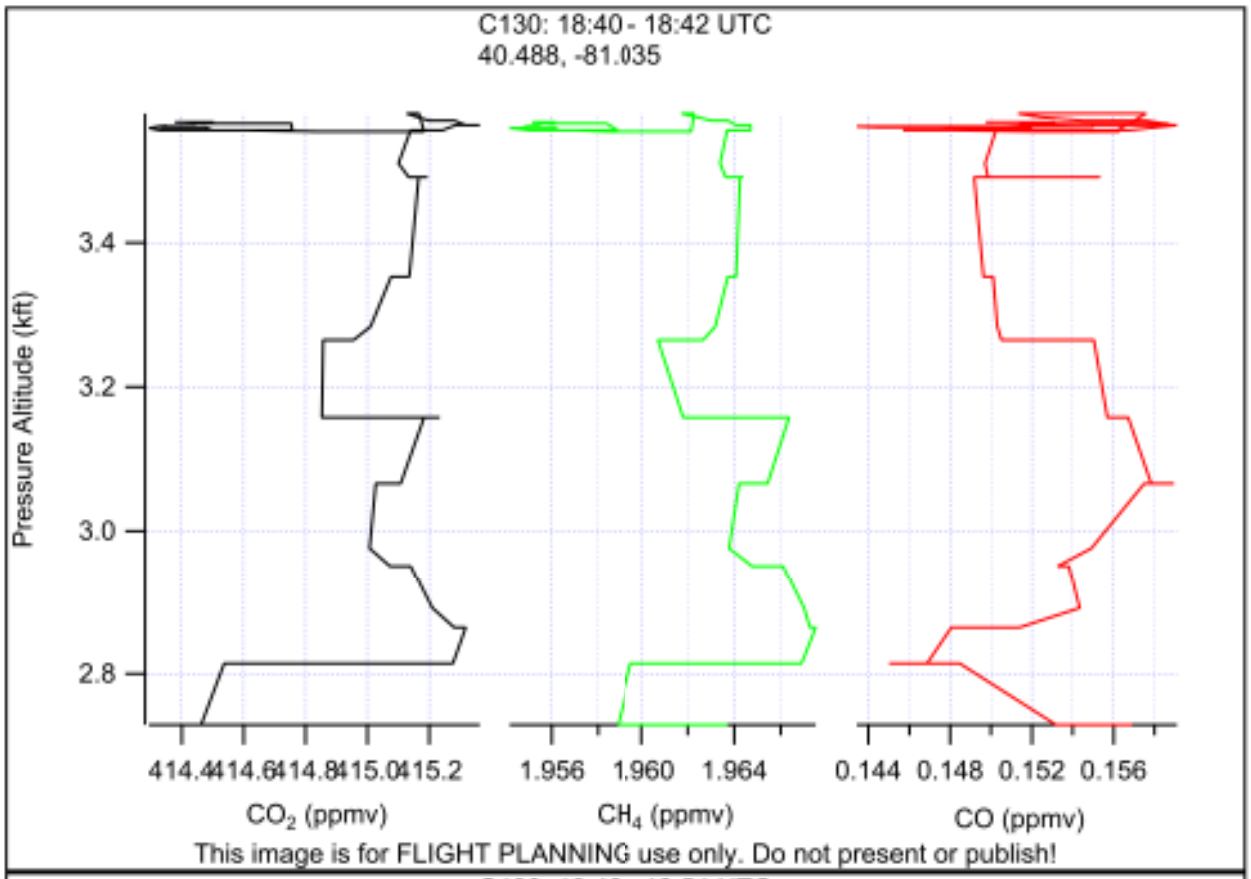

0.5
1.0
1.5
2.0
2.5
H2O_gkg (g/kg)
40.5
40.0
39.5
39.0
38.5
38.0
37.5
Latitude (°)
-82
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

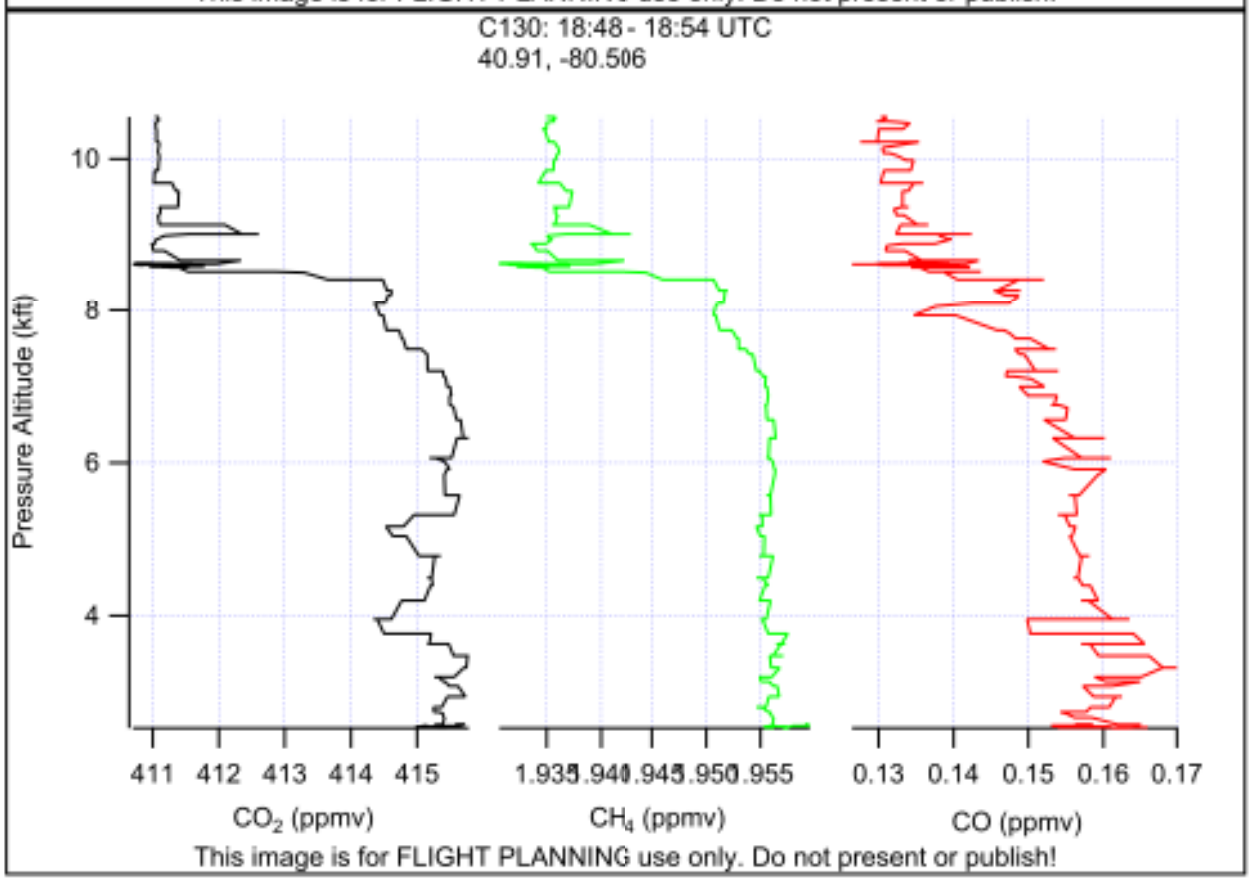

-30
-25
-20
-15
-10
DP (°C)
40.5
40.0
39.5
39.0
38.5
38.0
37.5
Latitude (°)
-82
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

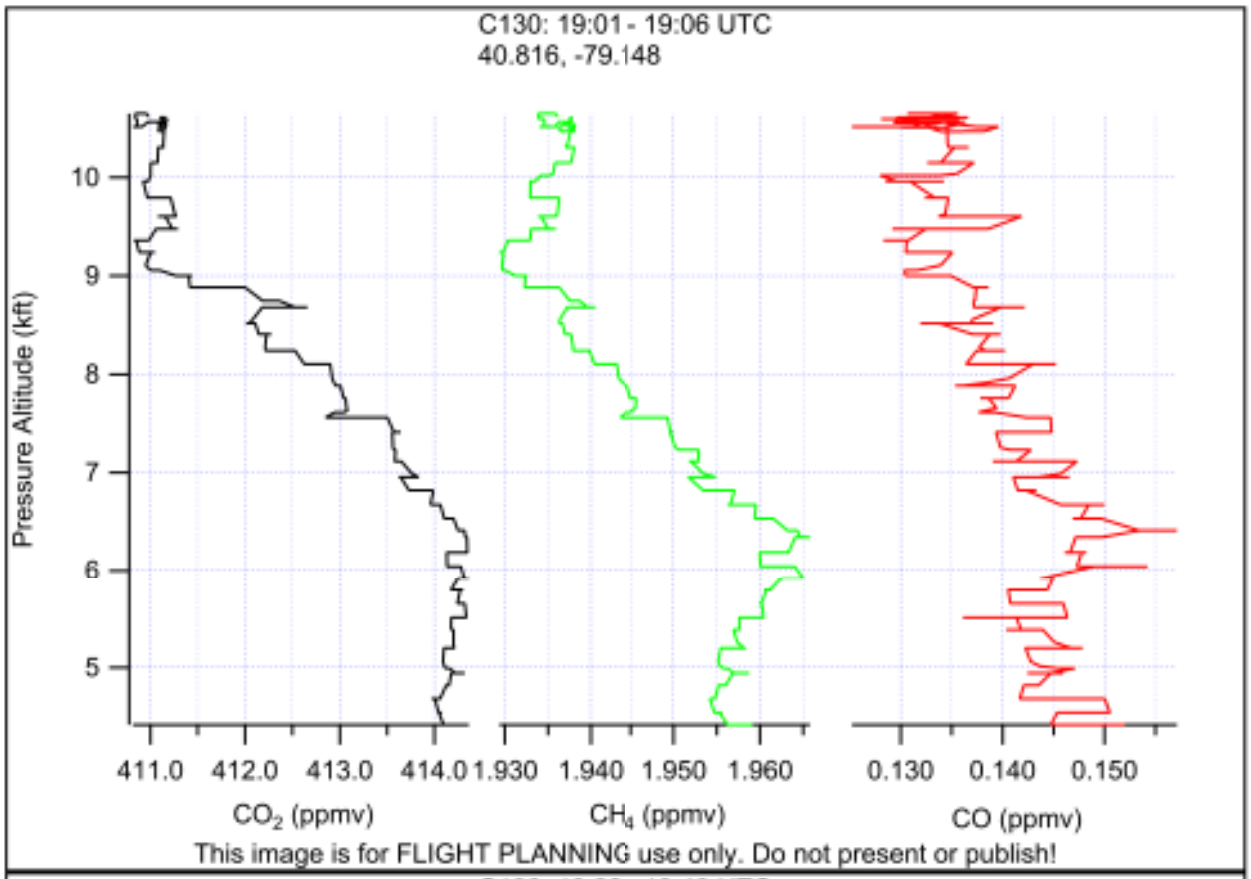

C130: 16:50 - 17:13 UTC
37.7, -76.077
14
12
10
8
6
4
2
0
Pressure Altitude (kft)
412
414
416
CO2 (ppmv)
1.92 1.93 1.94 1.95 1.96
CH4 (ppmv)
0.130 0.140 0.150 0.160
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

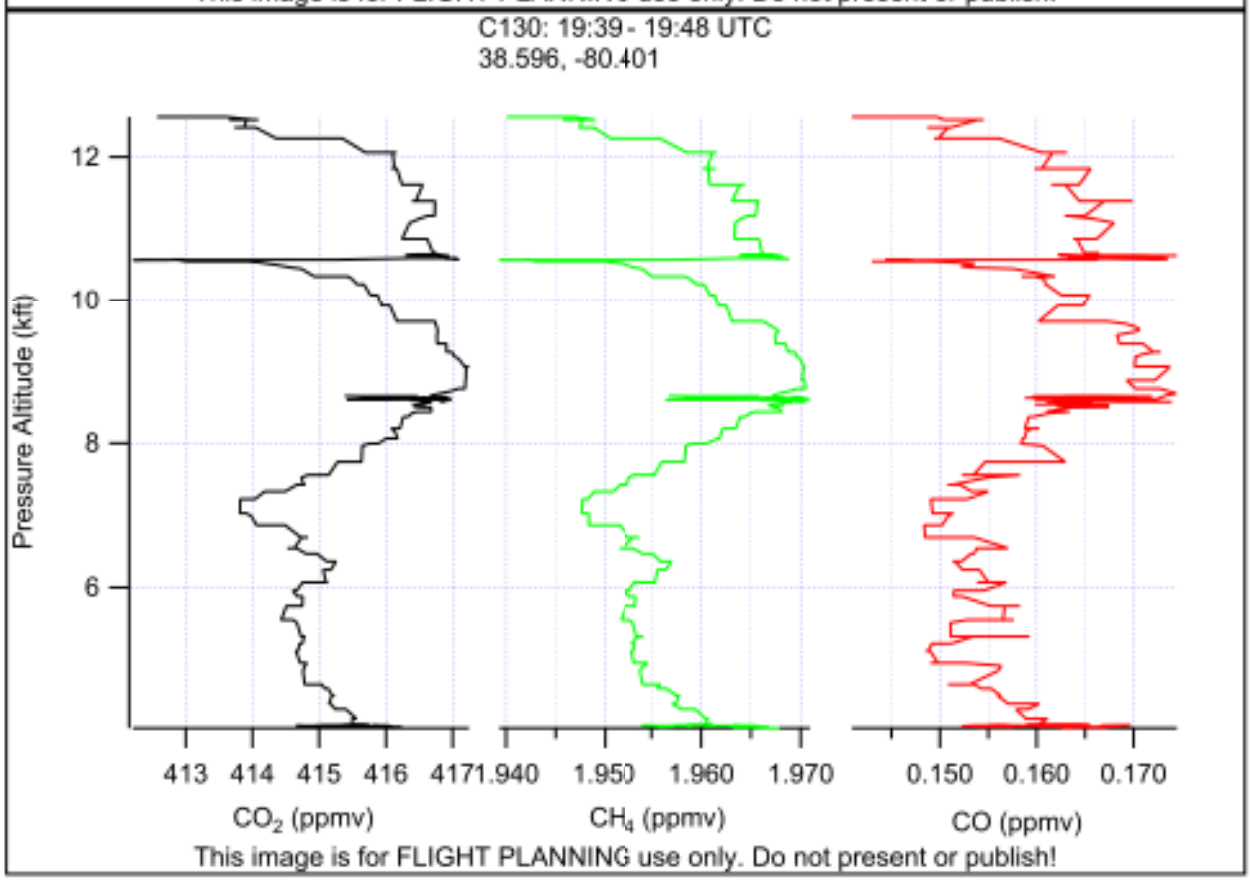

C130: 18:08 - 18:17 UTC
38.816, -81.856
Pressure Altitude (kft)
14
12
10
8
6
4
412
416
420
424
CO2 (ppmv)
1.91 1.92 1.93 1.94 1.95 1.96
CH4 (ppmv)
0.12 0.13 0.14 0.15 0.16
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

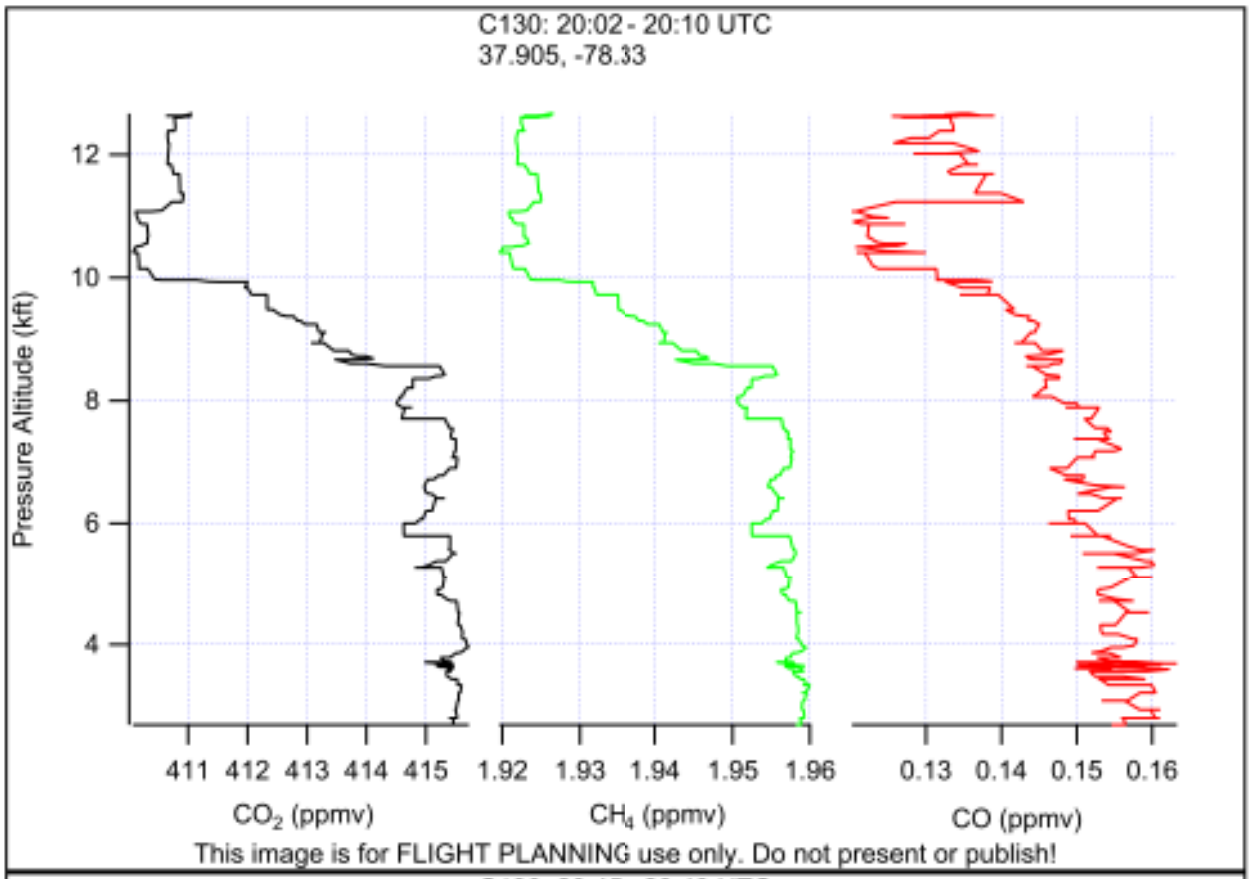

C130: 18:25 - 18:26 UTC
39.536, -81.63
Pressure Altitude (kft)
3.4
3.2
3.0
2.8
2.6
416
418
420
422
CO2 (ppmv)
1.9600
1.9610
1.9620
CH4 (ppmv)
0.156
0.160
0.164
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

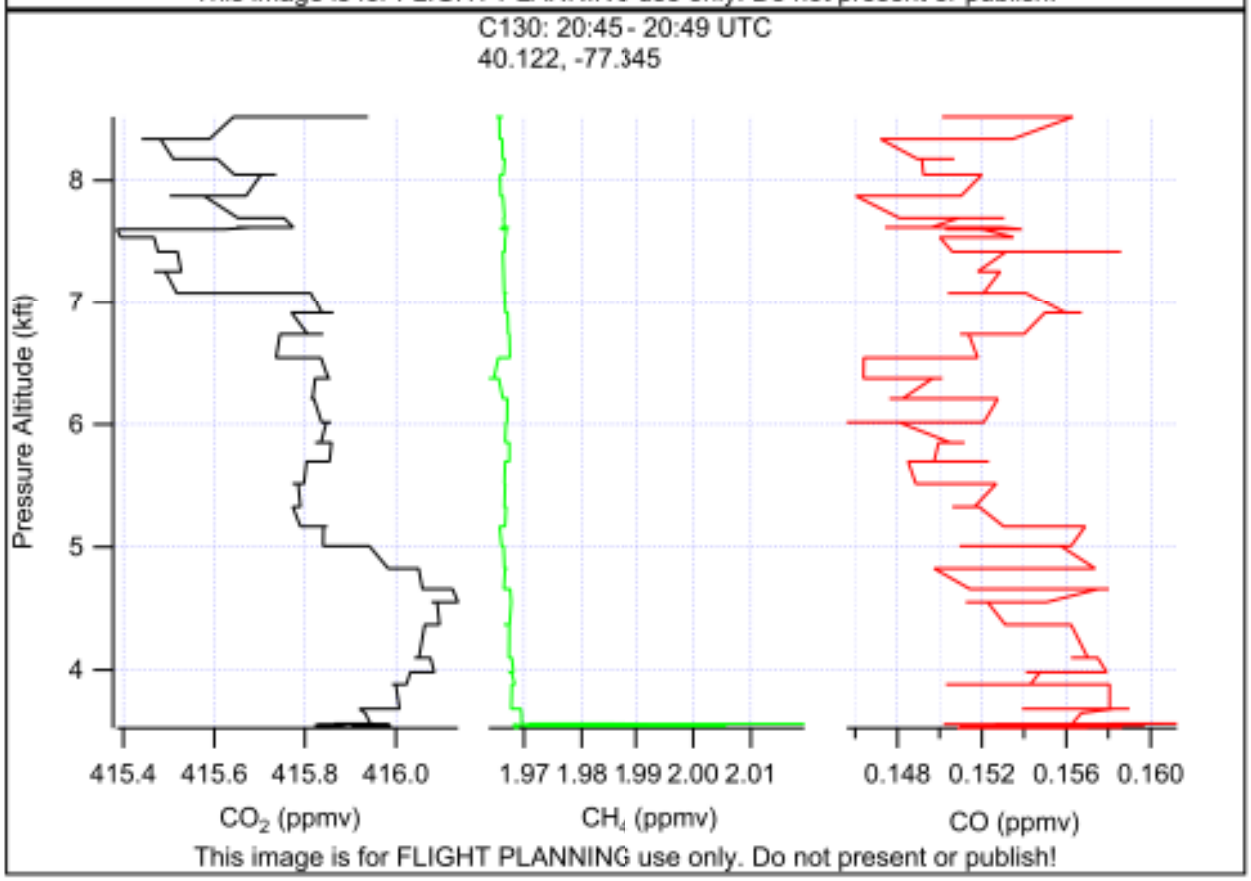

C130: 18:40 - 18:42 UTC
40.488, -81.035
Pressure Altitude (kft)
3.4
3.2
3.0
2.8
414.4 414.6 414.8 415.0 415.2
CO2 (ppmv)
1.956 1.960 1.964
CH4 (ppmv)
0.144 0.148 0.152 0.156
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

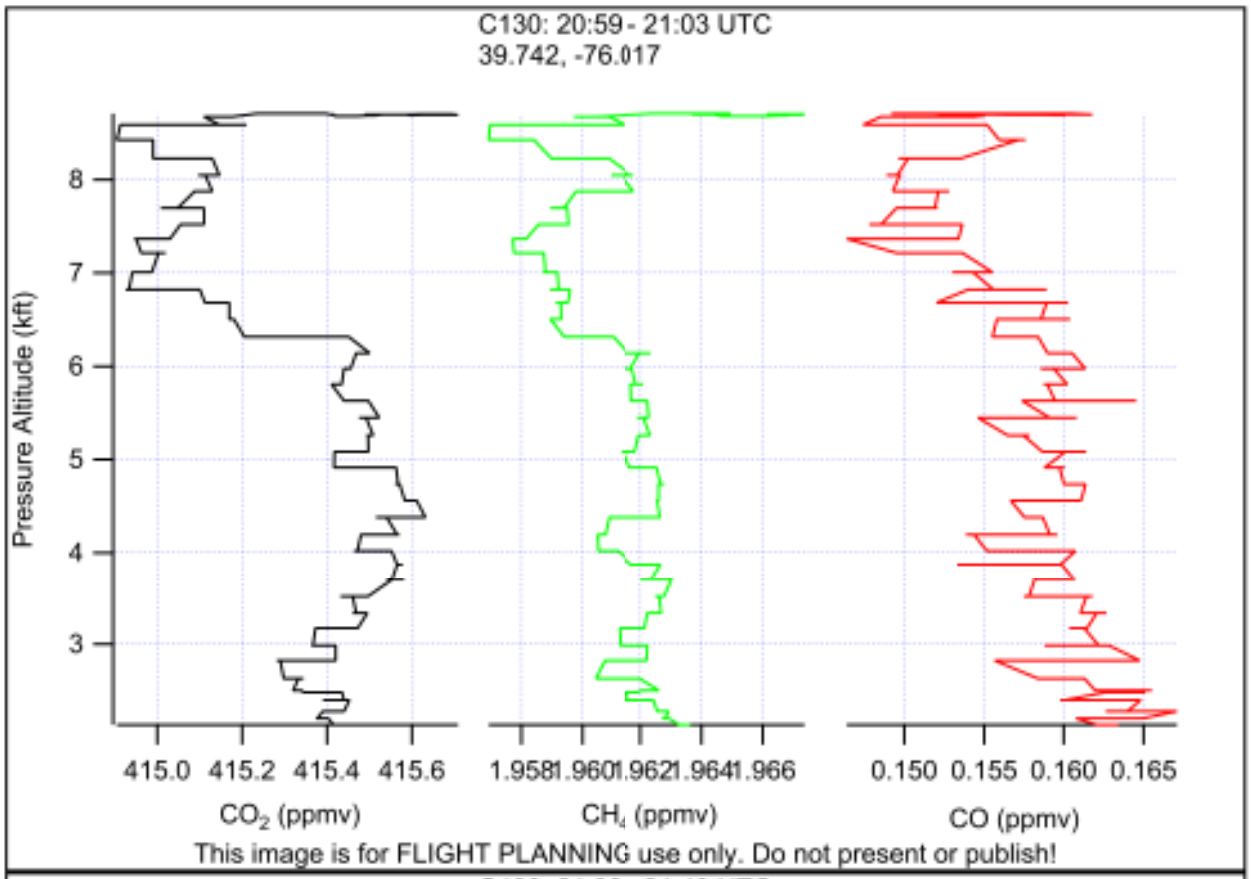

C130: 18:48 - 18:54 UTC
40.91, -80.506
Pressure Altitude (kft)
10
8
6
4
411 412 413 414 415
CO2 (ppmv)
1.935 1.940 1.945 1.950 1.955
CH4 (ppmv)
0.13 0.14 0.15 0.16 0.17
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

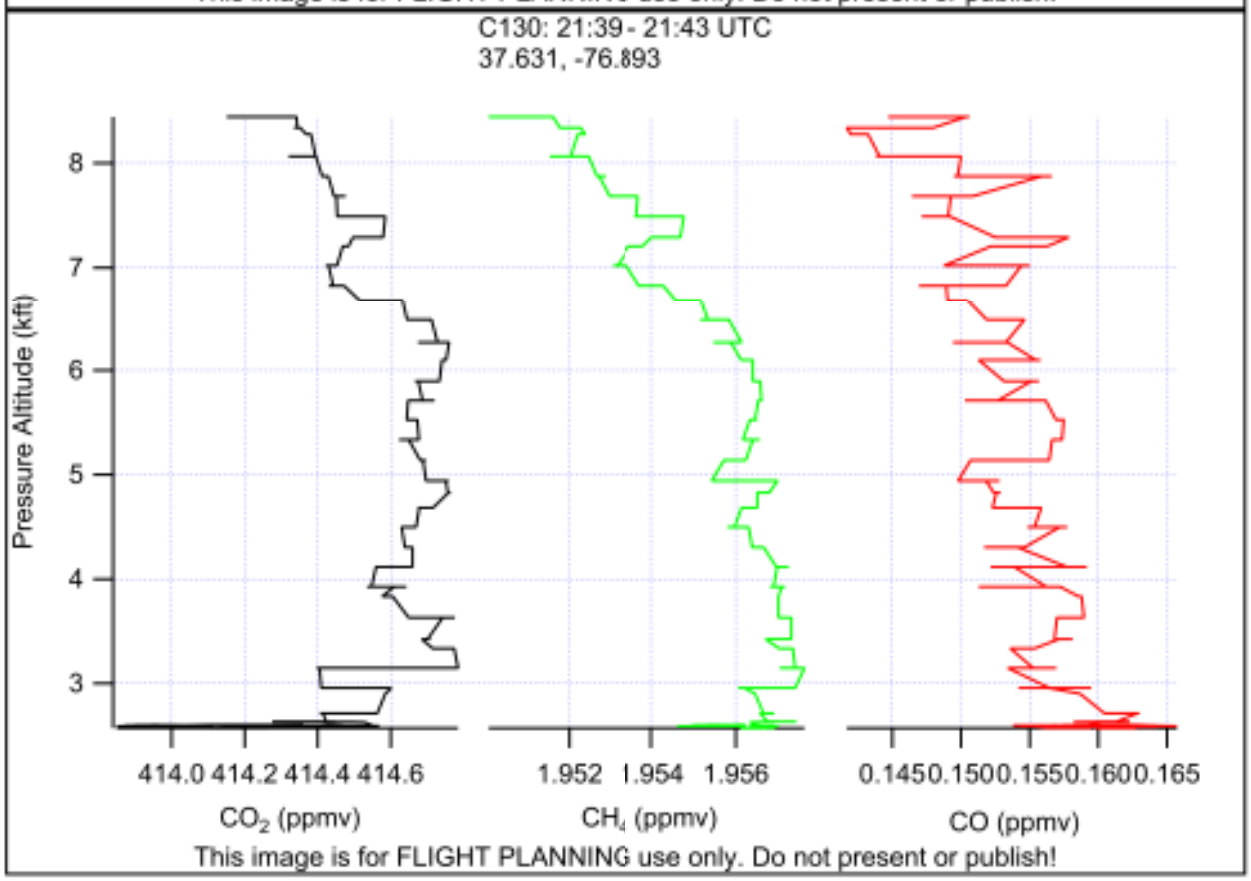

C130: 19:01 - 19:06 UTC
40.816, -79.148
Pressure Altitude (kft)
10
9
8
7
6
5
411.0 412.0 413.0 414.0
CO2 (ppmv)
1.930 1.940 1.950 1.960
CH4 (ppmv)
0.130 0.140 0.150
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

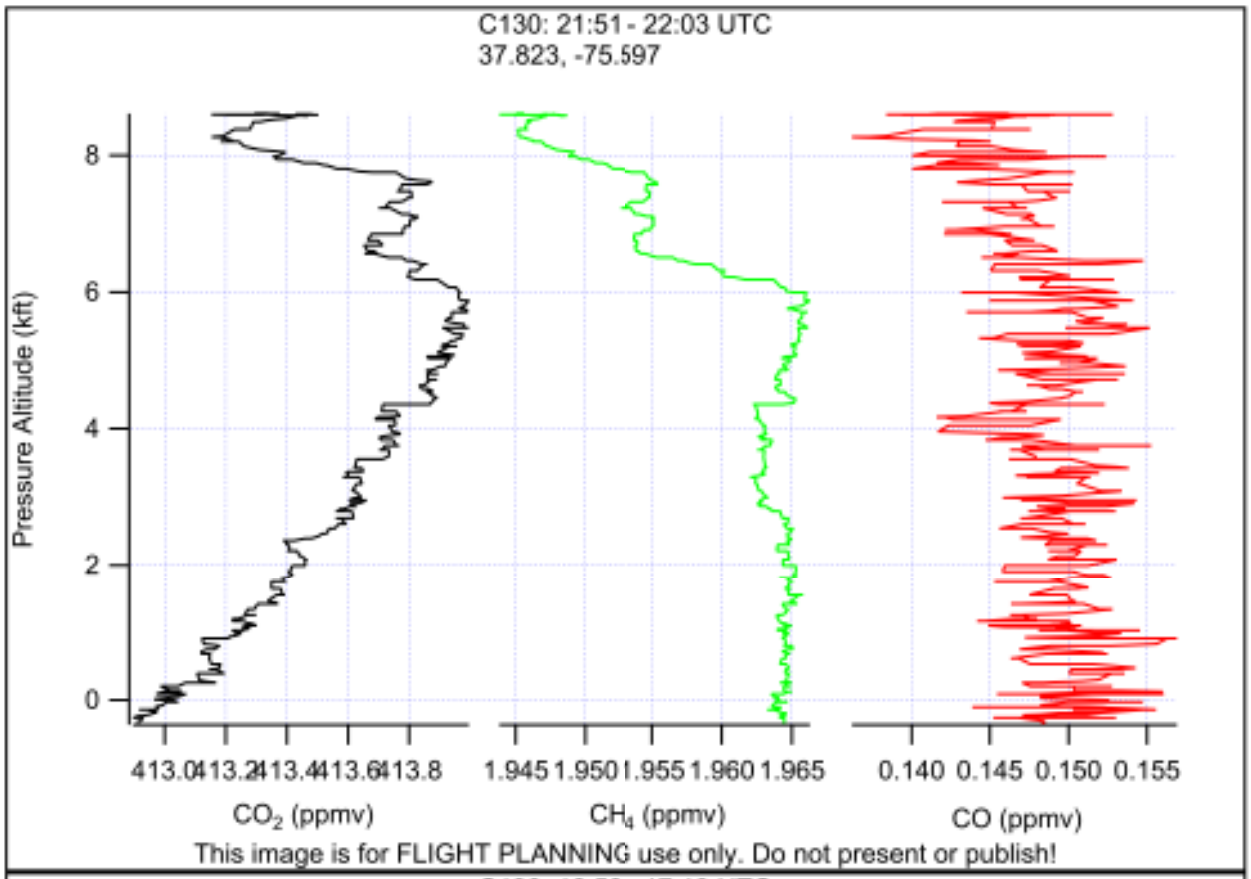

C130: 19:39 - 19:48 UTC
38.596, -80.401
Pressure Altitude (kft)
12
10
8
6
413 414 415 416 417
CO2 (ppmv)
1.940 1.950 1.960 1.970
CH4 (ppmv)
0.150 0.160 0.170
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

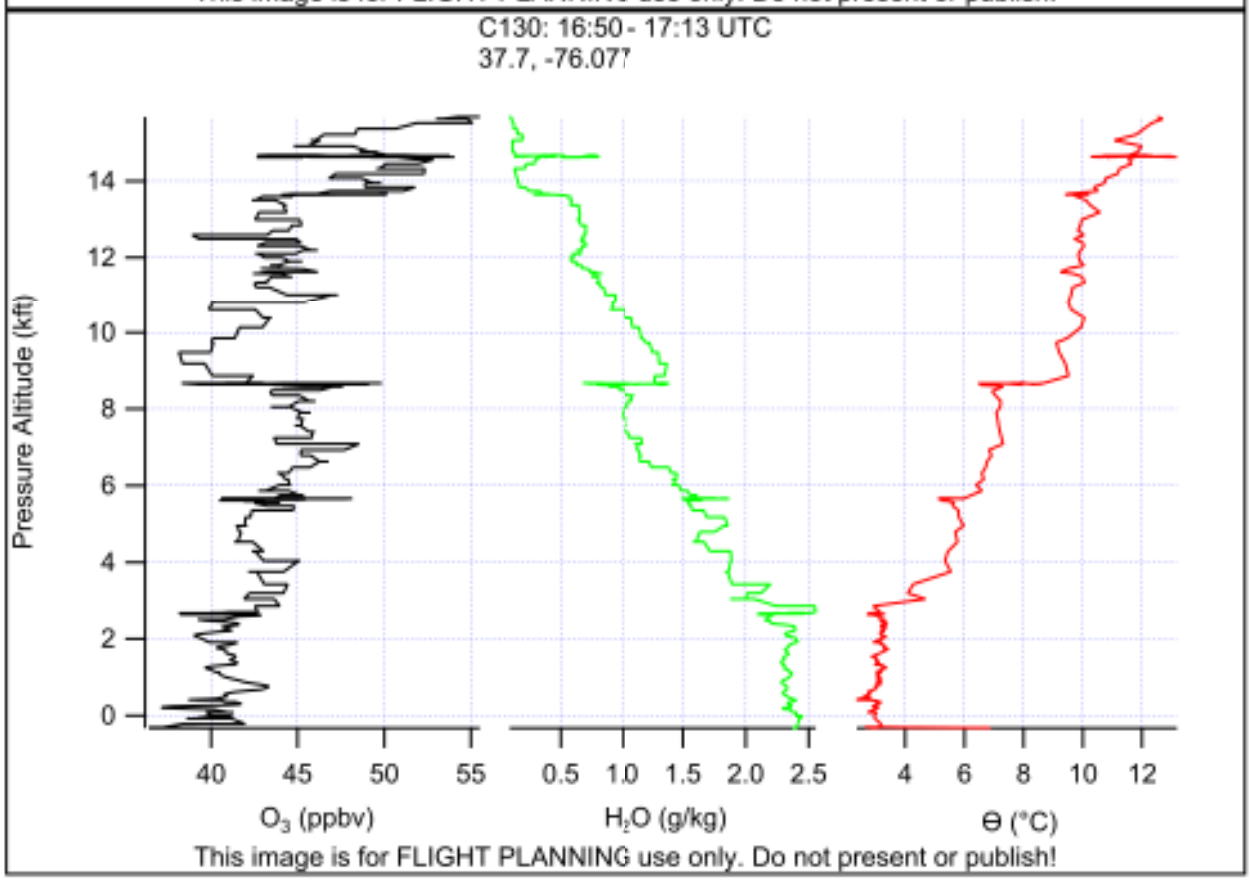

C130: 20:02 - 20:10 UTC
37.905, -78.33
Pressure Altitude (kft)
12
10
8
6
4
411 412 413 414 415
CO2 (ppmv)
1.92 1.93 1.94 1.95 1.96
CH4 (ppmv)
0.13 0.14 0.15 0.16
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

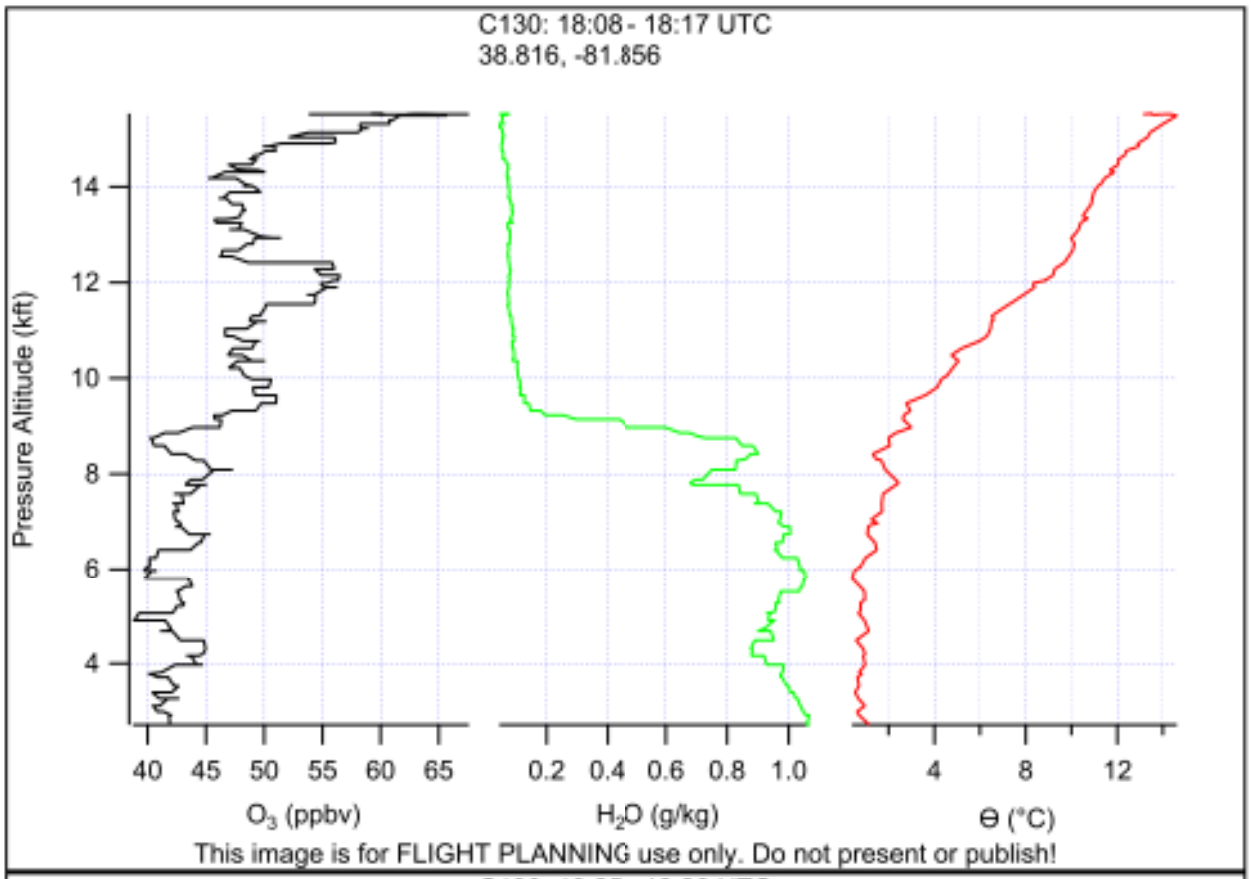

C130: 20:45 - 20:49 UTC
40.122, -77.345
Pressure Altitude (kft)
8
7
6
5
4
415.4 415.6 415.8 416.0
CO2 (ppmv)
1.97 1.98 1.99 2.00 2.01
CH4 (ppmv)
0.148 0.152 0.156 0.160
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

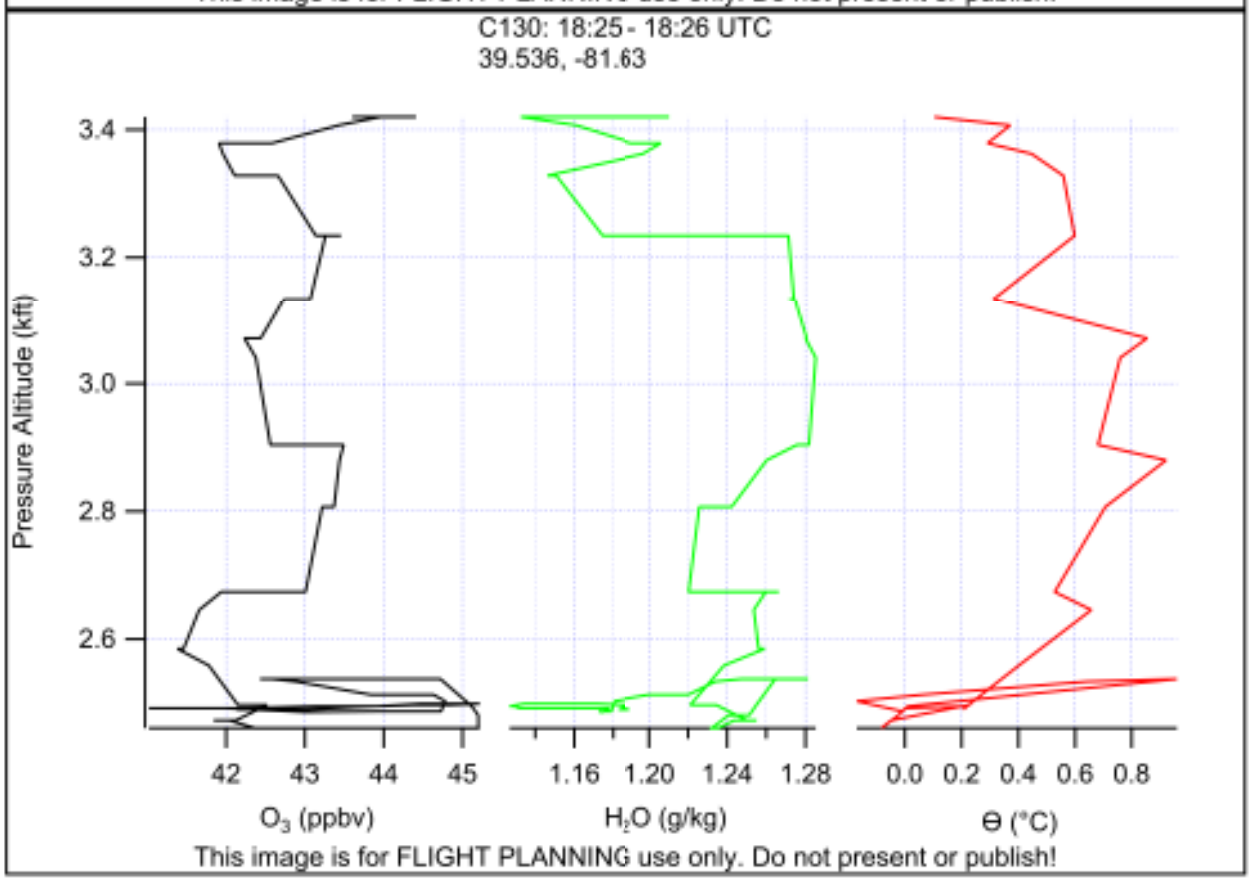

C130: 20:59 - 21:03 UTC
39.742, -76.017
Pressure Altitude (kft)
8
7
6
5
4
3
415.0 415.2 415.4 415.6
CO2 (ppmv)
1.958 1.960 1.962 1.964 1.966
CH4 (ppmv)
0.150 0.155 0.160 0.165
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

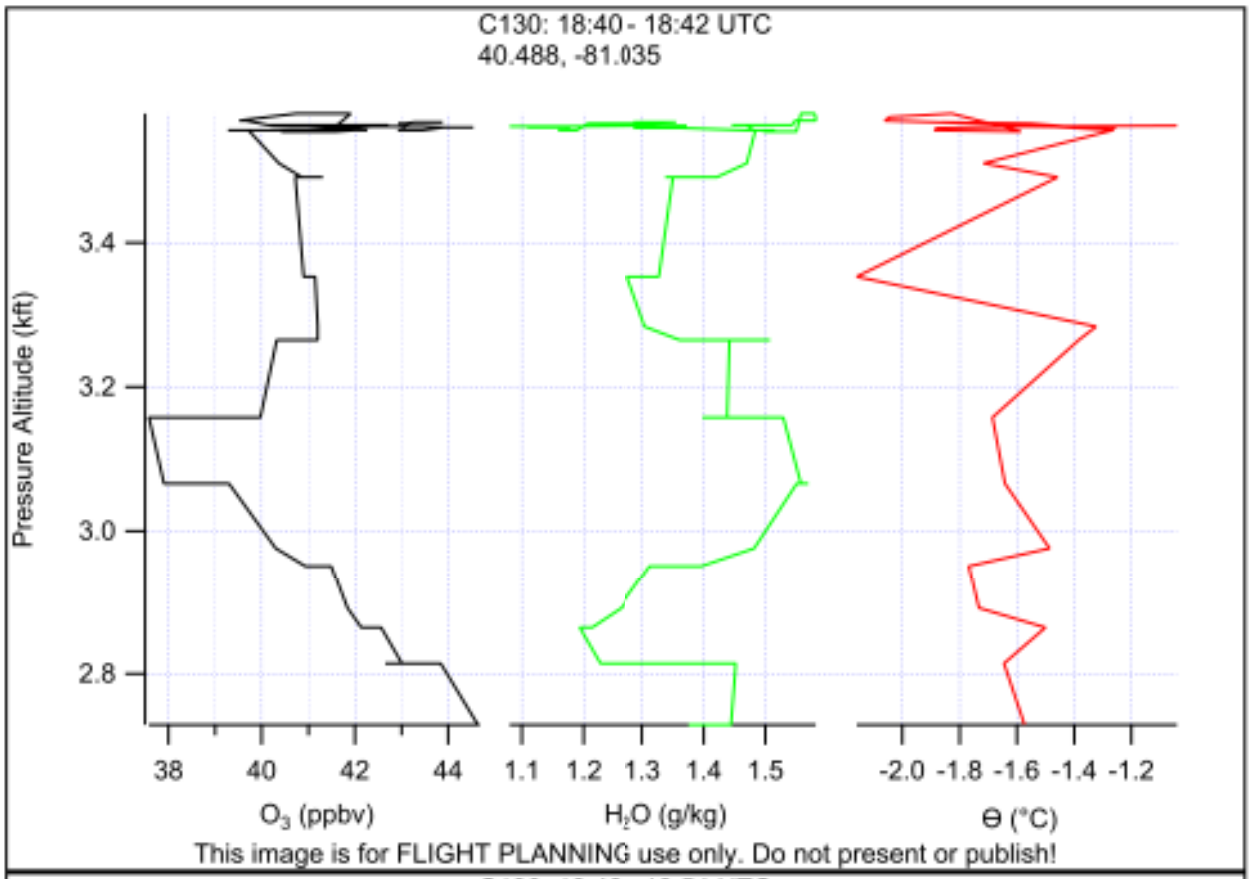

C130: 21:39 - 21:43 UTC
37.631, -76.893
Pressure Altitude (kft)
8
7
6
5
4
3
414.0 414.2 414.4 414.6
CO2 (ppmv)
1.952 1.954 1.956
CH4 (ppmv)
0.145 0.150 0.155 0.160 0.165
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

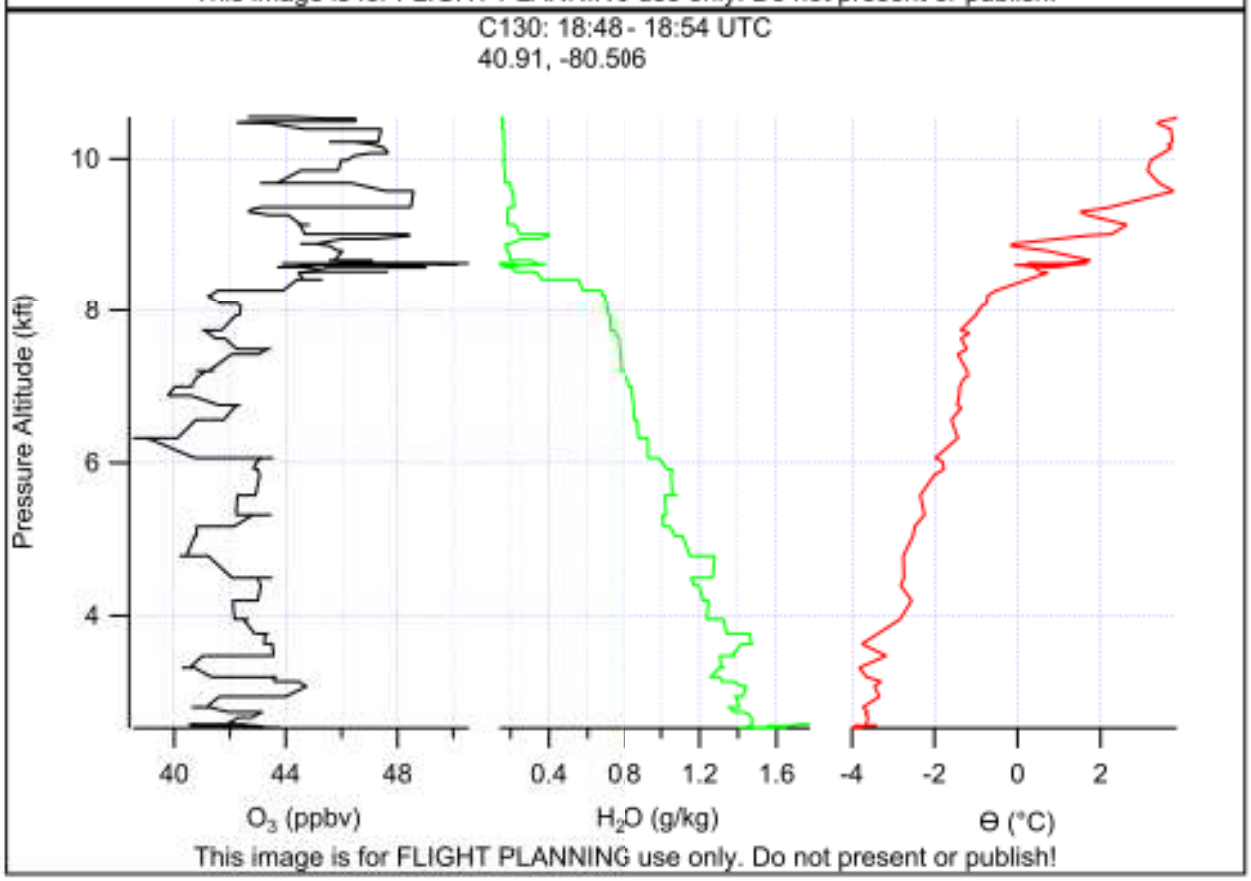

C130: 21:51 - 22:03 UTC
37.823, -75.597
Pressure Altitude (kft)
0
2
4
6
8
413.0 413.2 413.4 413.6 413.8
CO2 (ppmv)
1.945 1.950 1.955 1.960 1.965
CH4 (ppmv)
0.140 0.145 0.150 0.155
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:50 - 17:13 UTC
37.7, -76.077
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
40 45 50 55
O3 (ppbv)
0.5 1.0 1.5 2.0 2.5
H2O (g/kg)
4 6 8 10 12
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:08 - 18:17 UTC
38.816, -81.856
Pressure Altitude (kft)
14
12
10
8
6
4
40 45 50 55 60 65
O3 (ppbv)
0.2 0.4 0.6 0.8 1.0
H2O (g/kg)
4 8 12
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:25 - 18:26 UTC
39.536, -81.63
Pressure Altitude (kft)
3.4
3.2
3.0
2.8
2.6
42 43 44 45
O3 (ppbv)
1.16 1.20 1.24 1.28
H2O (g/kg)
0.0 0.2 0.4 0.6 0.8
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:40 - 18:42 UTC
40.488, -81.035
Pressure Altitude (kft)
3.4
3.2
3.0
2.8
38
40
42
44
O_3 (ppbv)
1.1
1.2
1.3
1.4
1.5
H_2O (g/kg)
-2.0
-1.8
-1.6
-1.4
-1.2
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:48 - 18:54 UTC
40.91, -80.506
Pressure Altitude (kft)
10
8
6
4
40
44
48
O_3 (ppbv)
0.4
0.8
1.2
1.6
H_2O (g/kg)
-4
-2
0
2
Θ (°C)
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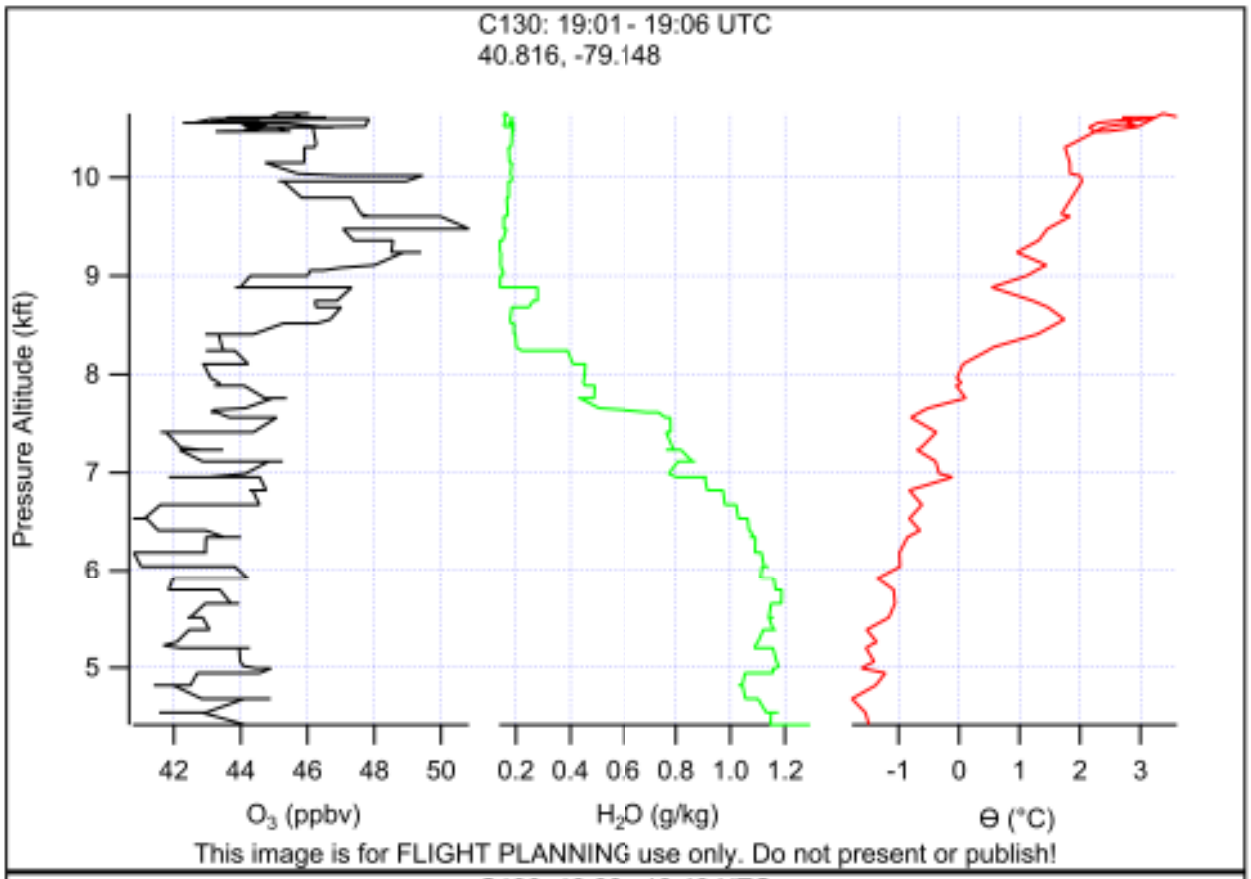
C130: 19:01 - 19:06 UTC
40.816, -79.148
Pressure Altitude (kft)
10
9
8
7
6
5
42 44 46 48 50
O3 (ppbv)
0.2 0.4 0.6 0.8 1.0 1.2
H2O (g/kg)
-1 0 1 2 3
Θ (°C)
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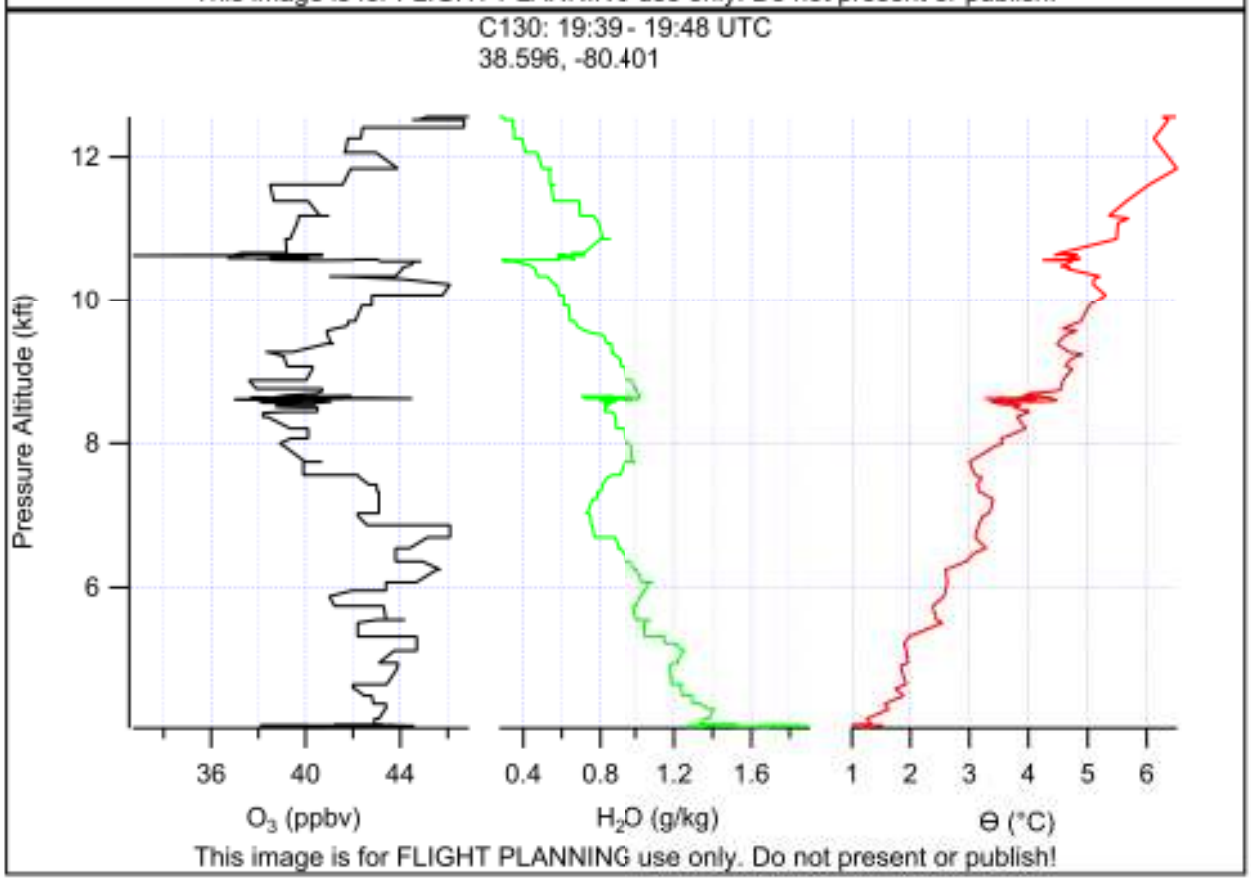
C130: 19:39 - 19:48 UTC
38.596, -80.401
Pressure Altitude (kft)
12
10
8
6
36 40 44
O3 (ppbv)
0.4 0.8 1.2 1.6
H2O (g/kg)
1 2 3 4 5 6
Θ (°C)
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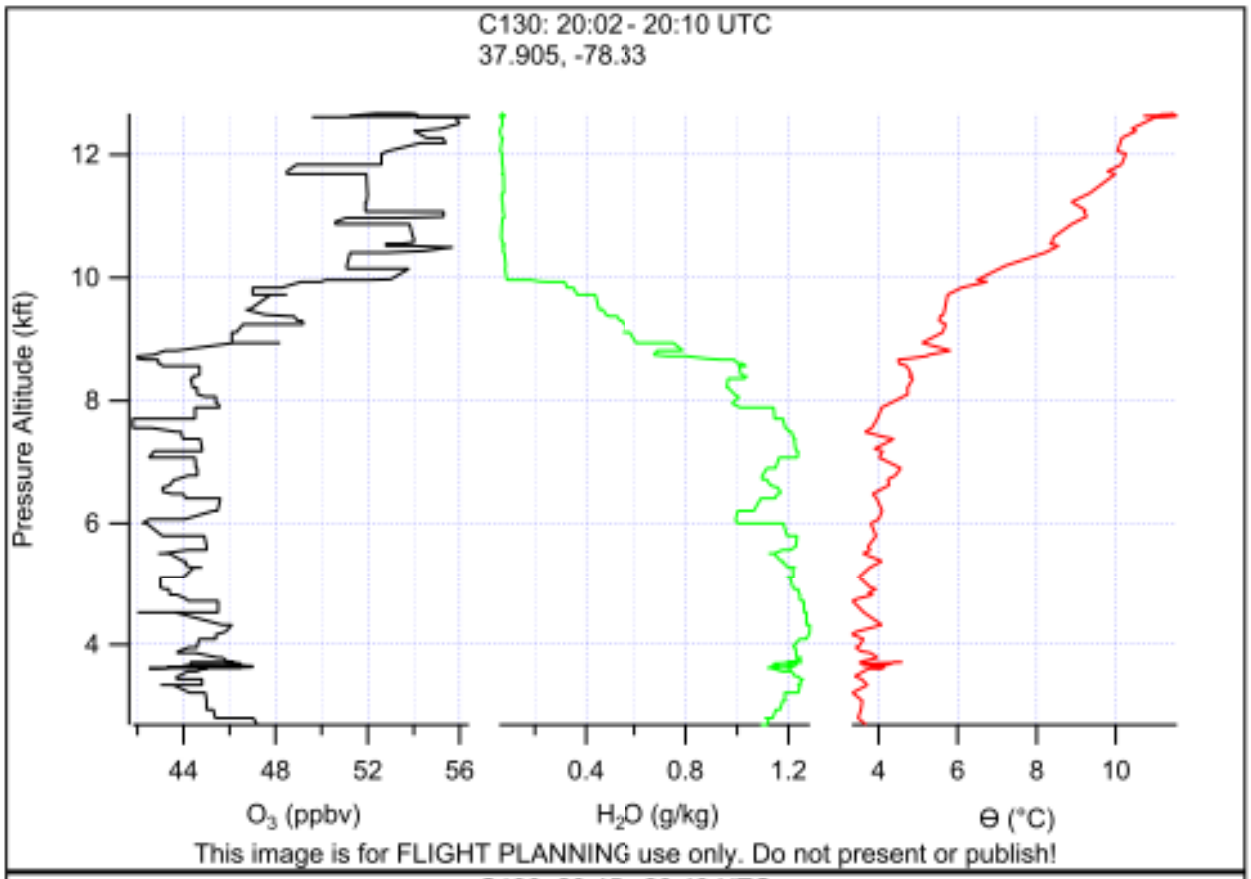
C130: 20:02 - 20:10 UTC
37.905, -78.33
Pressure Altitude (kft)
12
10
8
6
4
44
48
52
56
O3 (ppbv)
0.4
0.8
1.2
H2O (g/kg)
4
6
8
10
Θ (°C)
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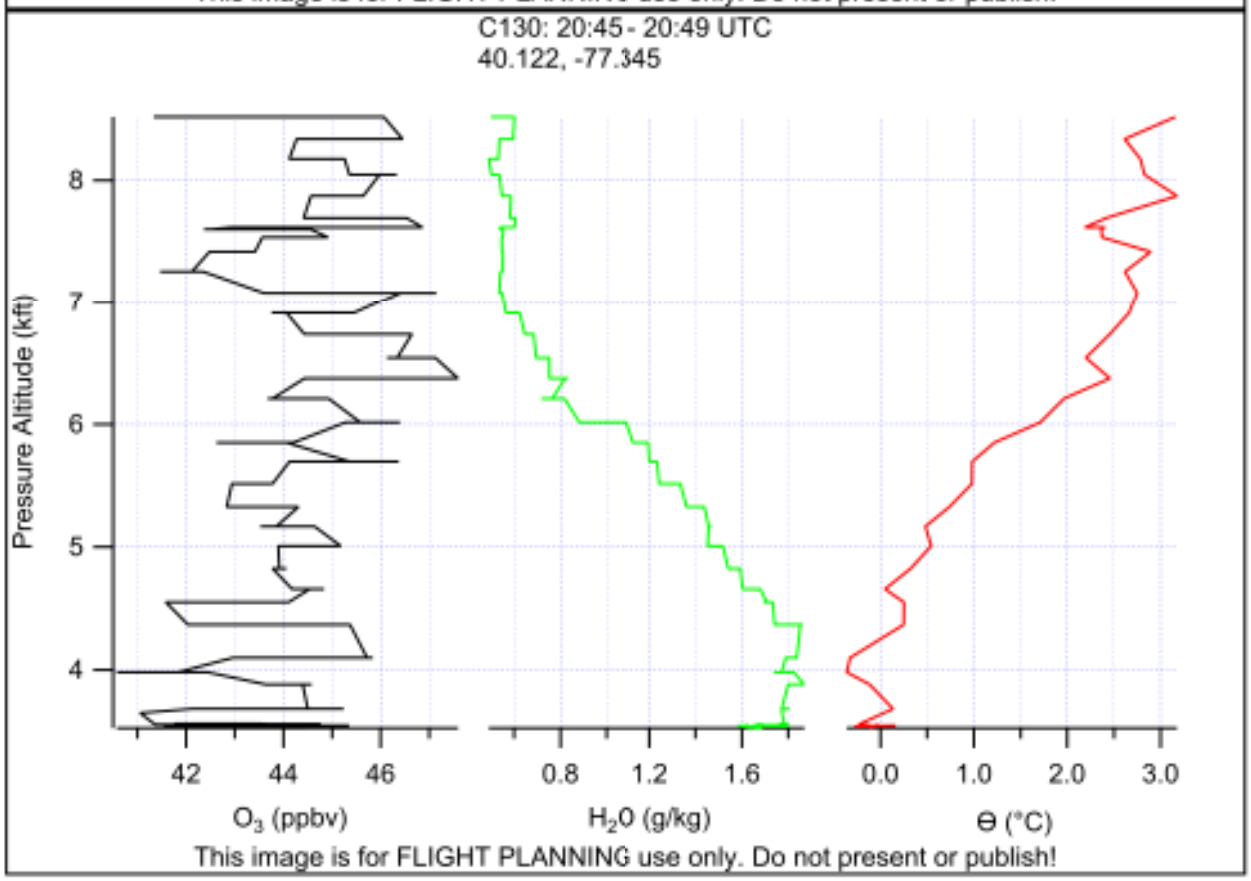
C130: 20:45 - 20:49 UTC
40.122, -77.345
Pressure Altitude (kft)
8
7
6
5
4
42
44
46
O3 (ppbv)
0.8
1.2
1.6
H2O (g/kg)
0.0
1.0
2.0
3.0
Θ (°C)
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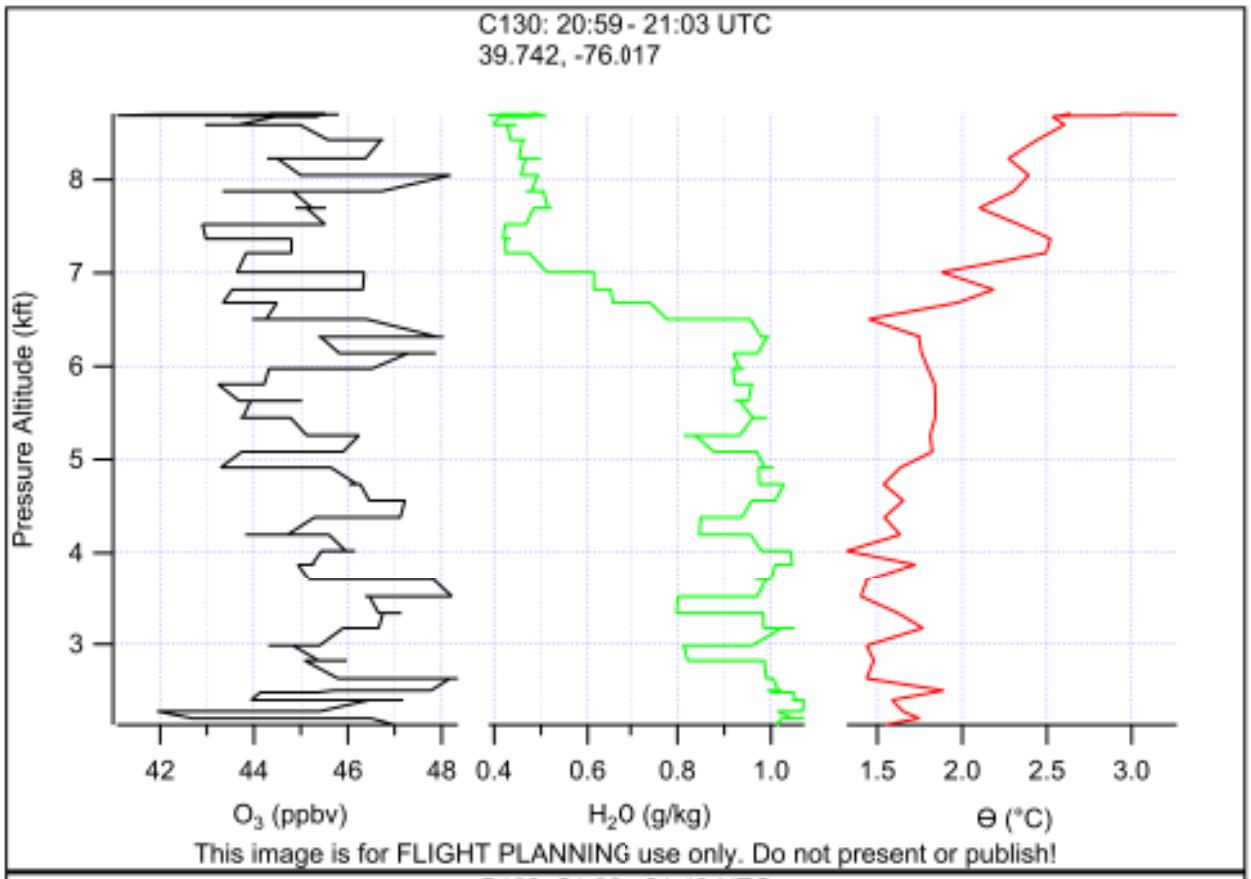
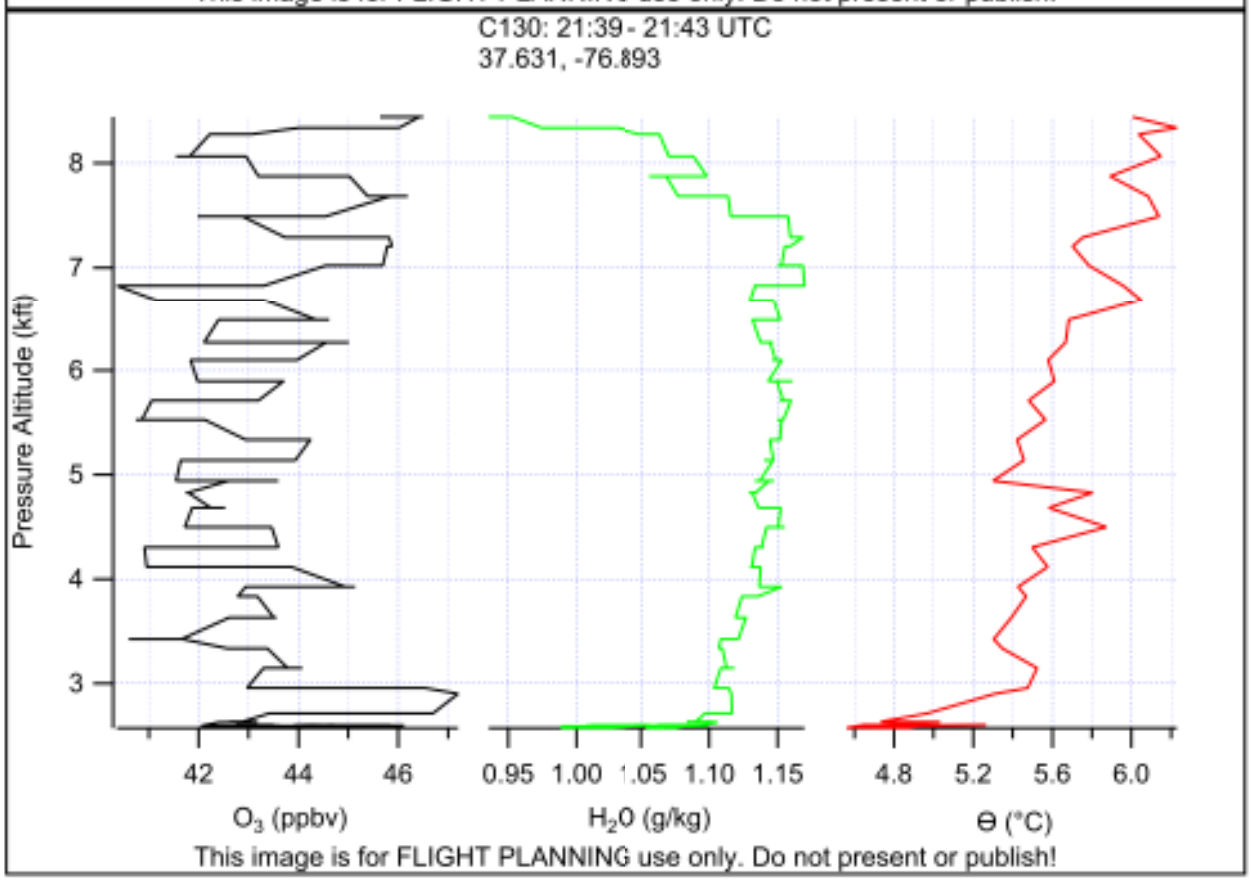

C130: 20:59 - 21:03 UTC
39.742, -76.017
Pressure Altitude (kft)
8
7
6
5
4
3
42
44
46
48
O3 (ppbv)
0.4
0.6
0.8
1.0
H2O (g/kg)
1.5
2.0
2.5
3.0
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 21:39 - 21:43 UTC
37.631, -76.893
Pressure Altitude (kft)
8
7
6
5
4
3
42
44
46
O3 (ppbv)
0.95
1.00
1.05
1.10
1.15
H2O (g/kg)
4.8
5.2
5.6
6.0
Θ (°C)
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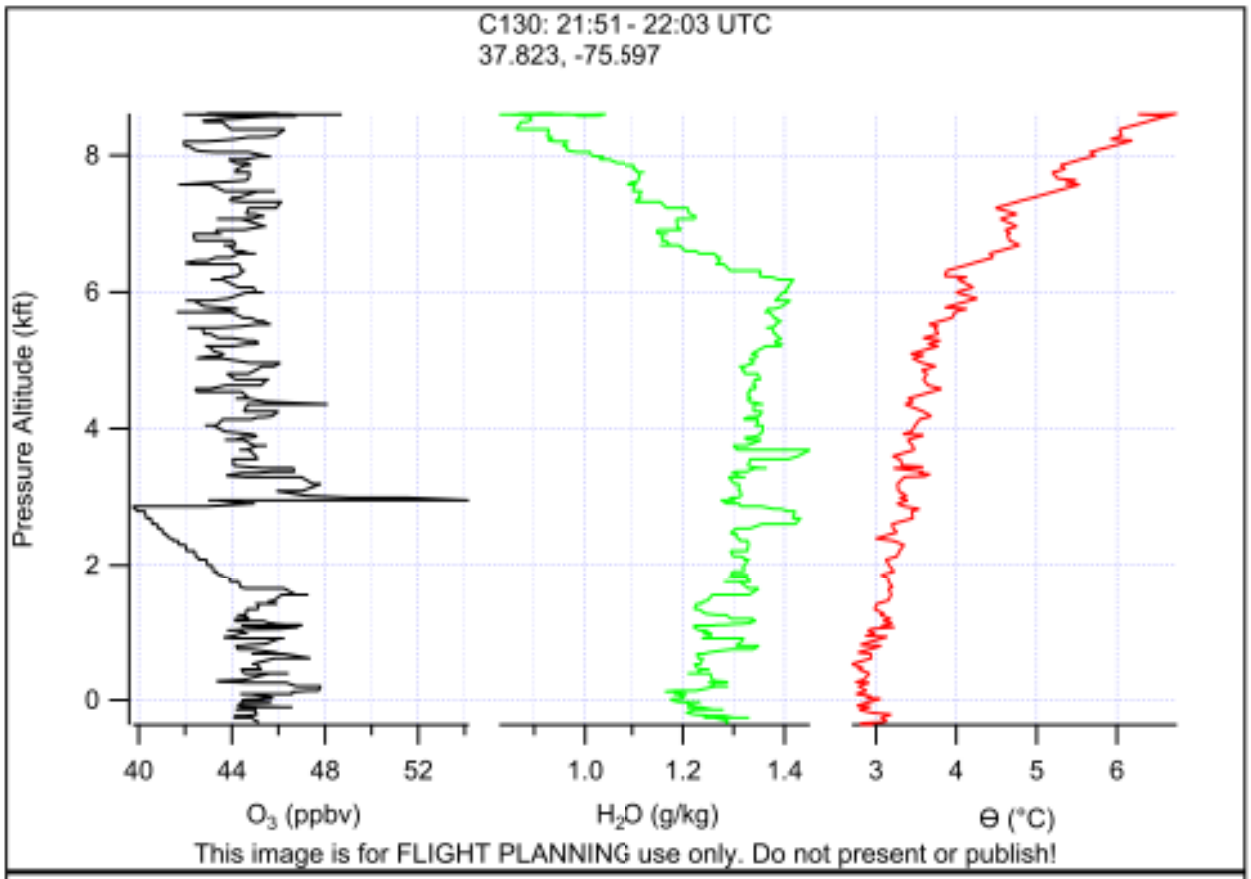
C130: 21:51 - 22:03 UTC
37.823, -75.597
Pressure Altitude (kft)
8
6
4
2
0
40
44
48
52
O_3 (ppbv)
1.0
1.2
1.4
H_2O (g/kg)
3
4
5
6
Θ (°C)
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