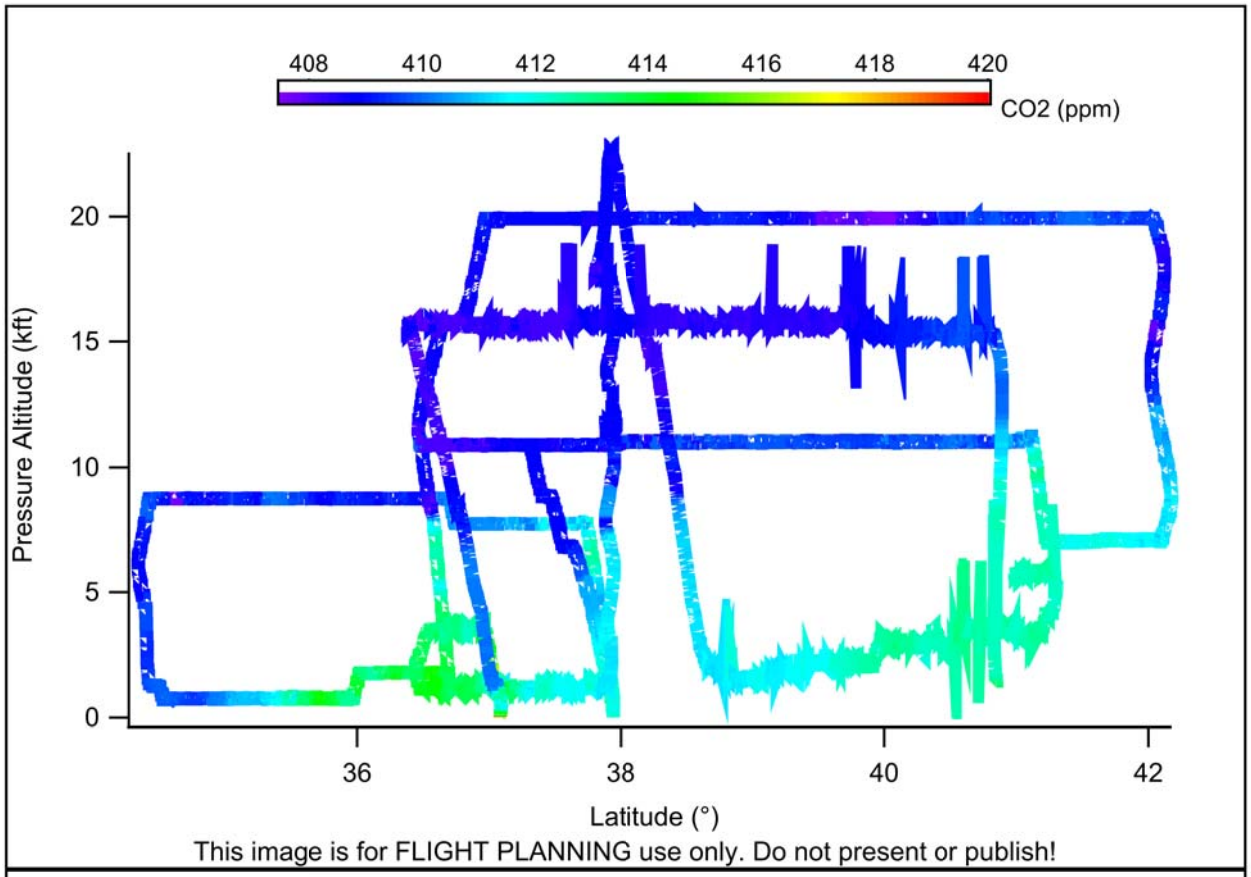
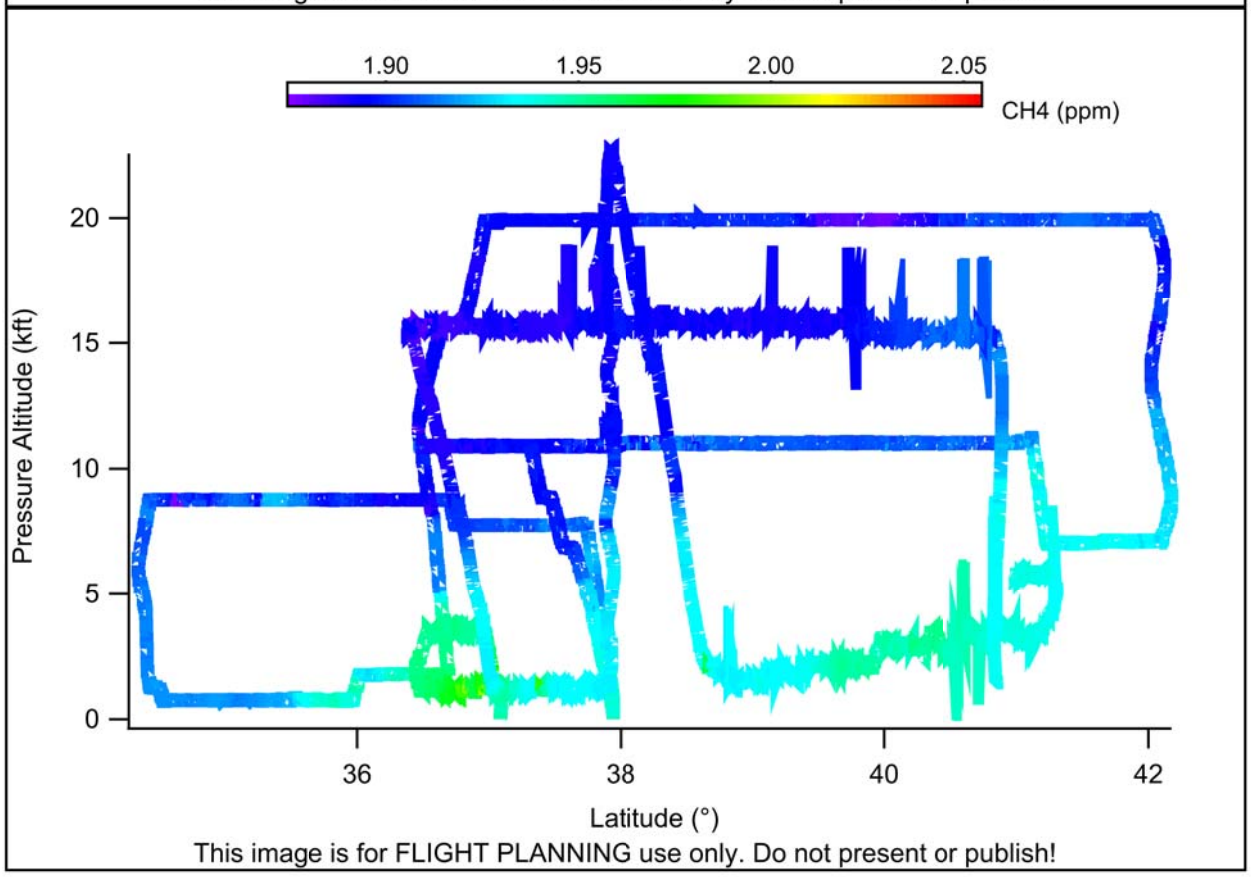
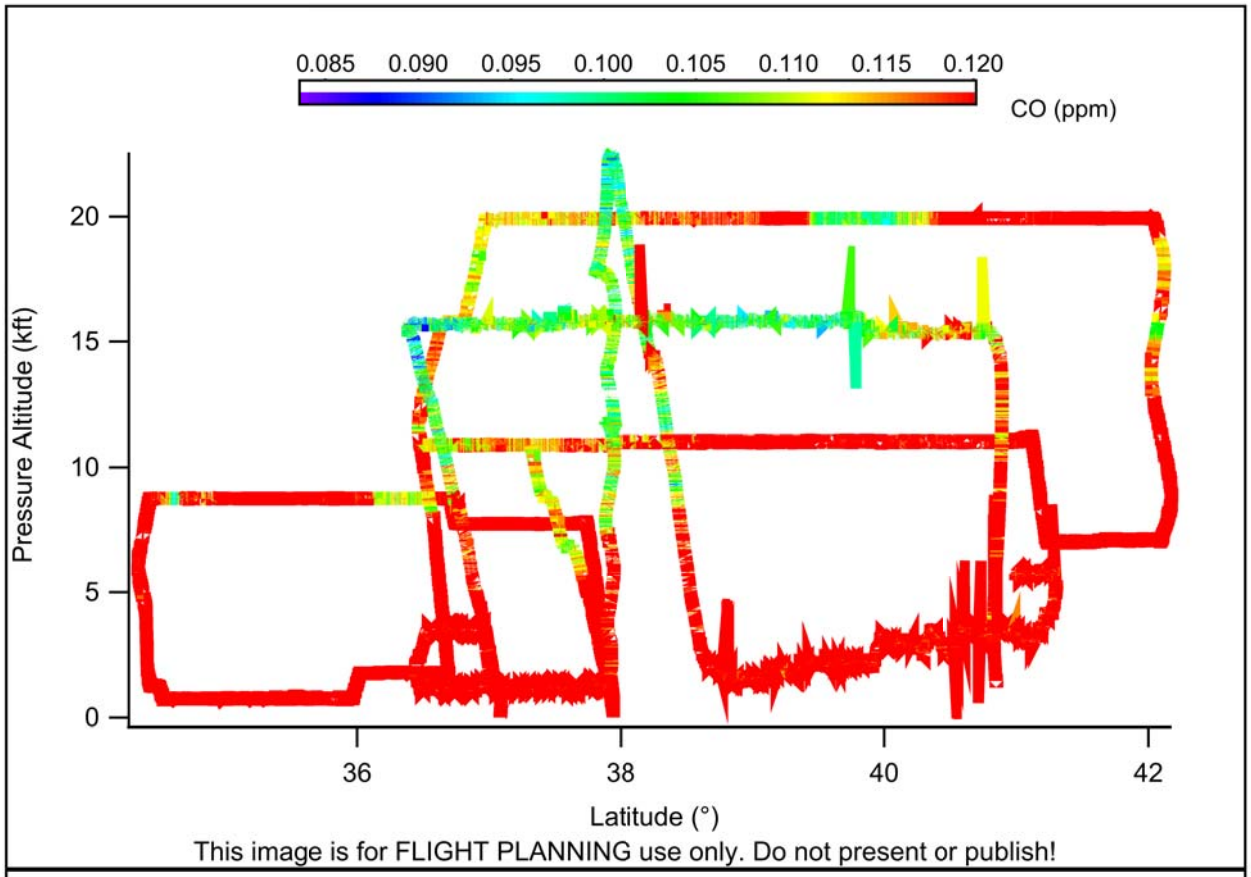
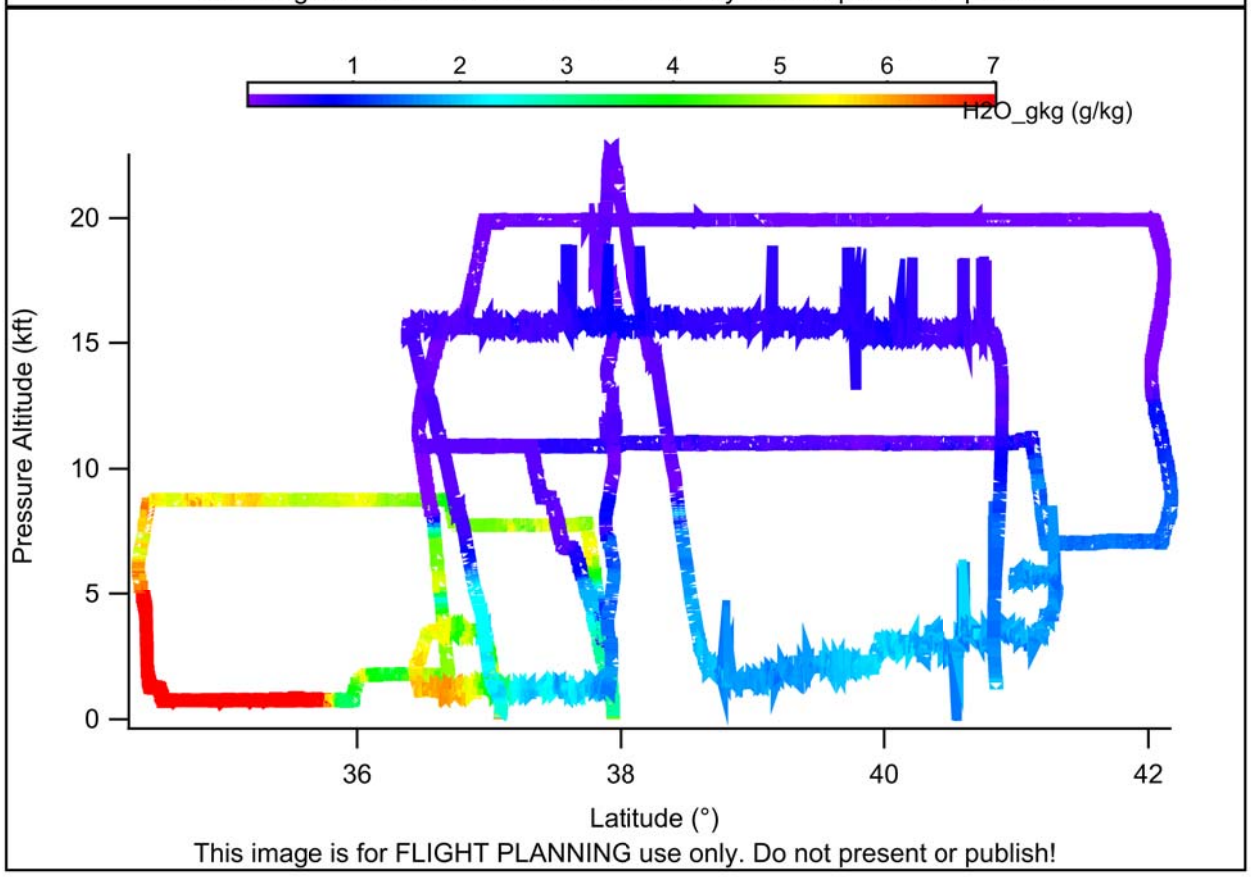
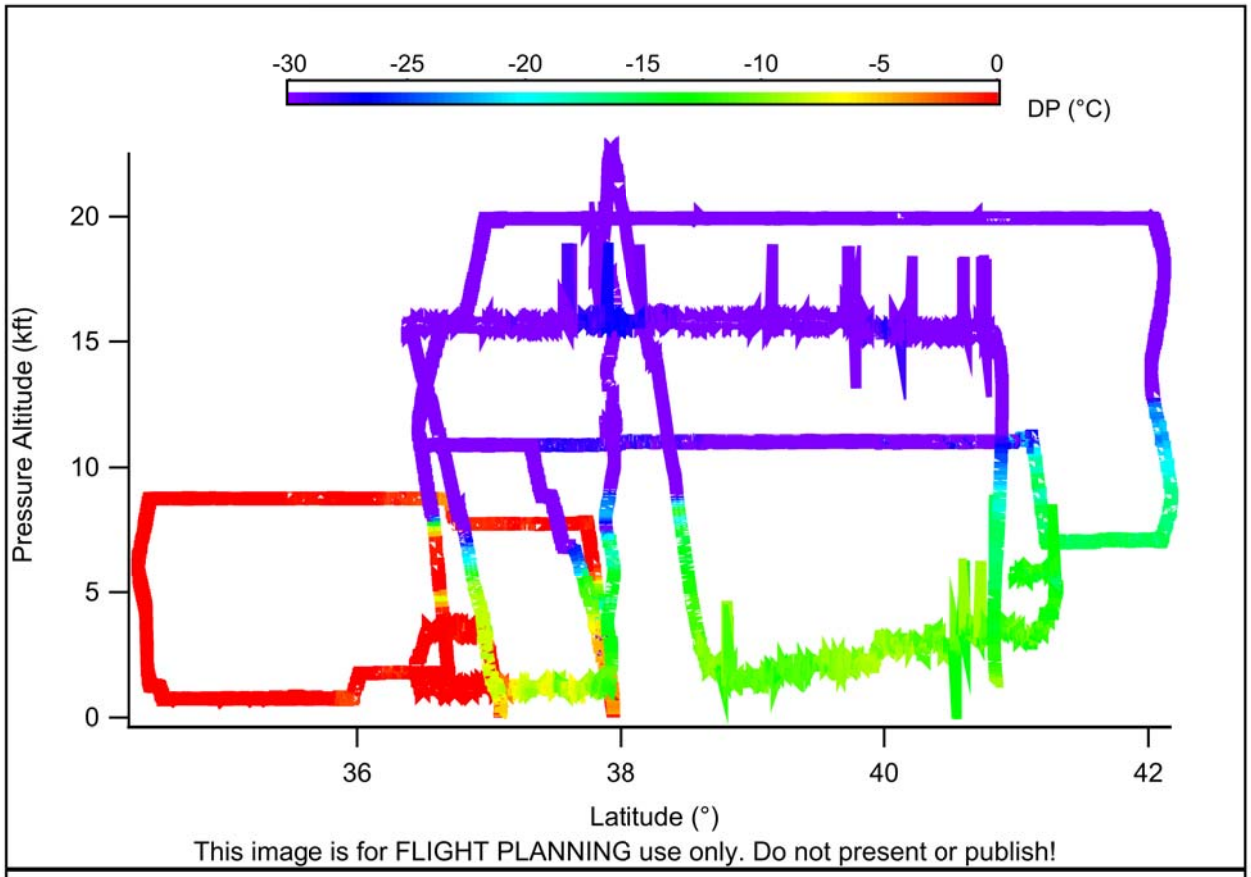
ACT-America 20170308

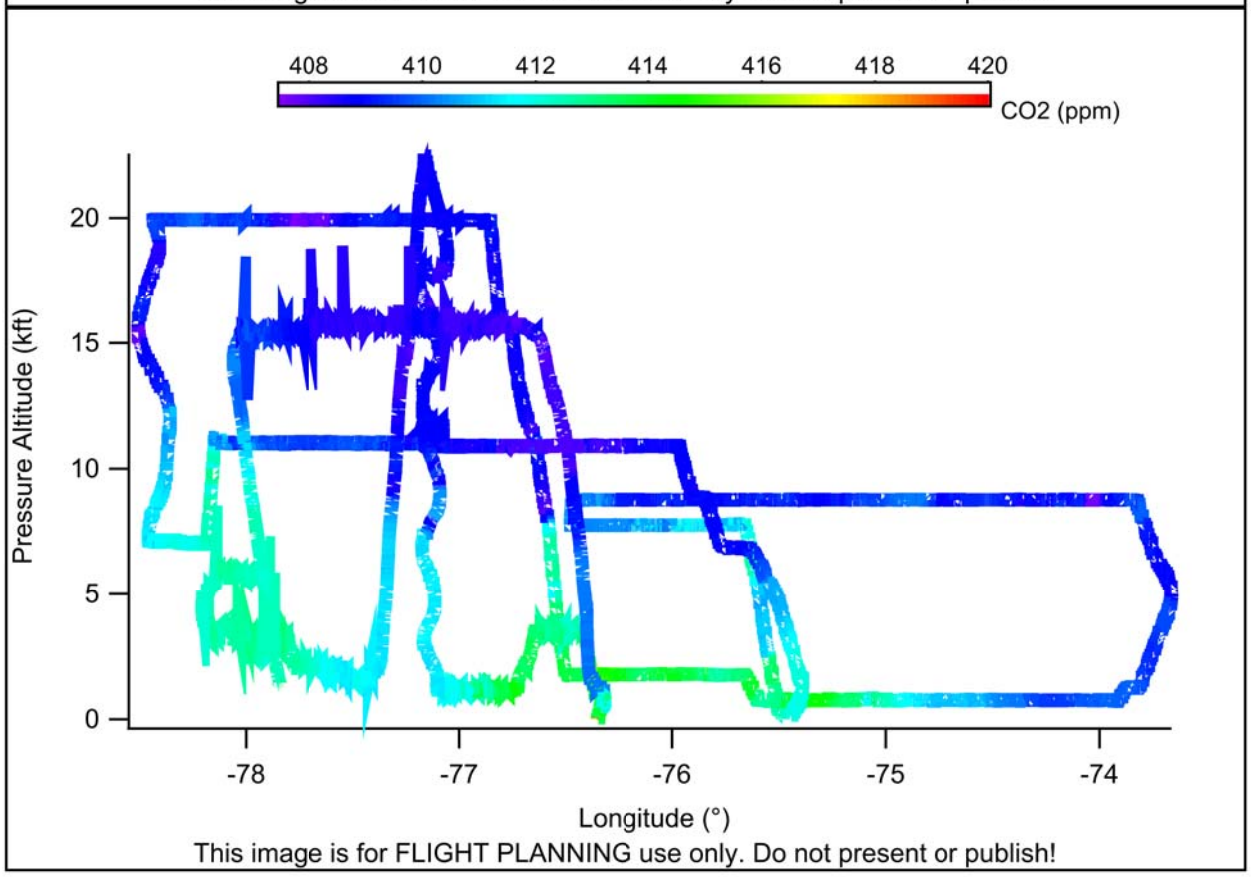

408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
36
38
40
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

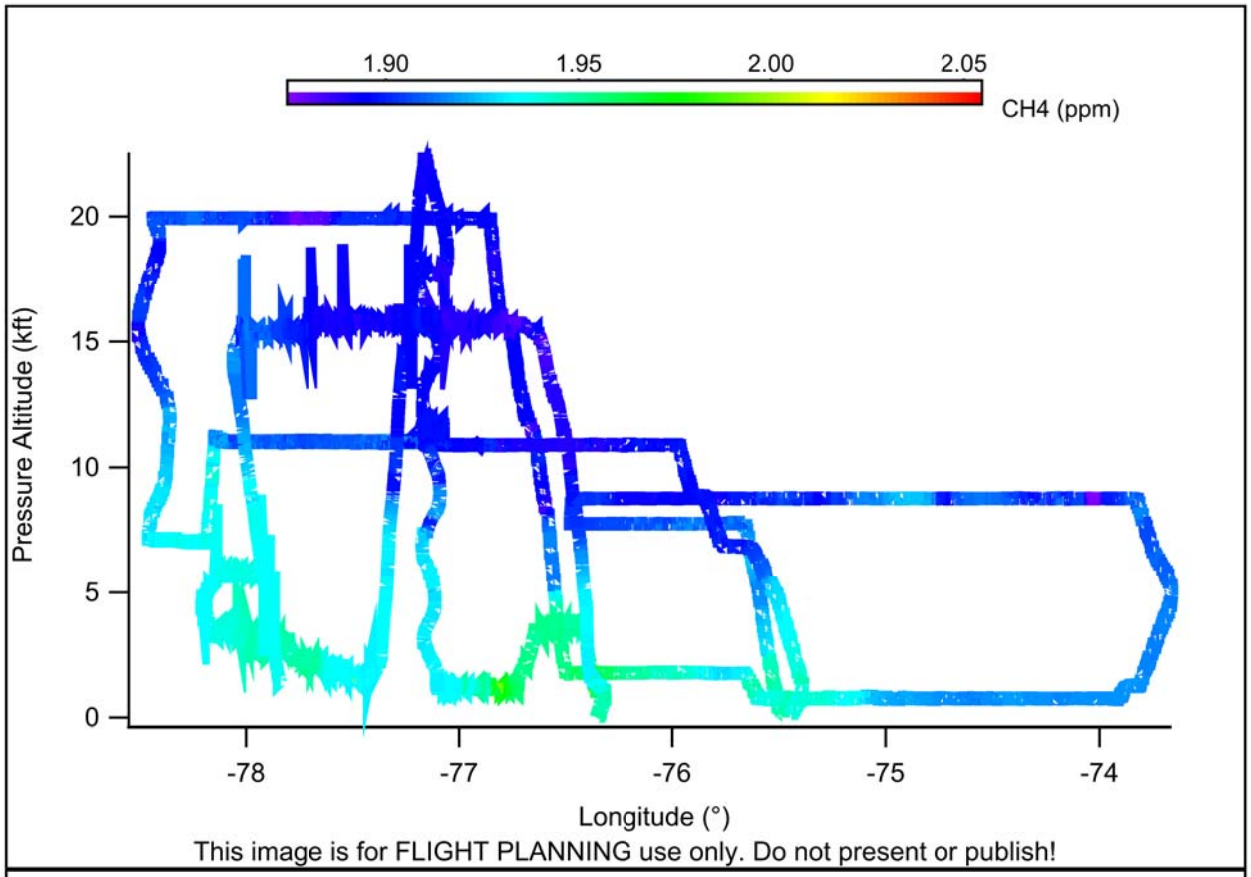

1.90
1.95
2.00
2.05
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
36
38
40
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

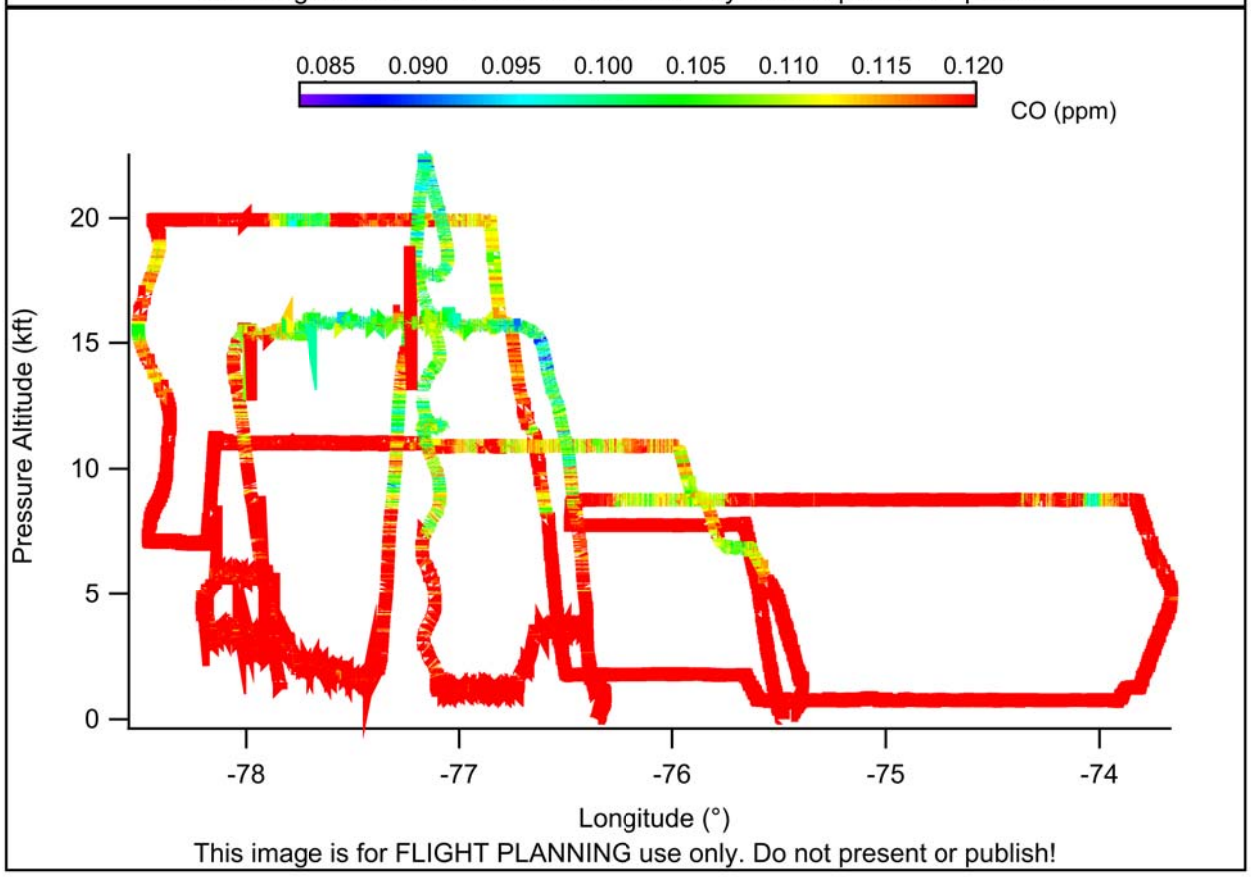

0.085 0.090 0.095 0.100 0.105 0.110 0.115 0.120
CO (ppm)
Pressure Altitude (kft)
0
5
10
15
20
36
38
40
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

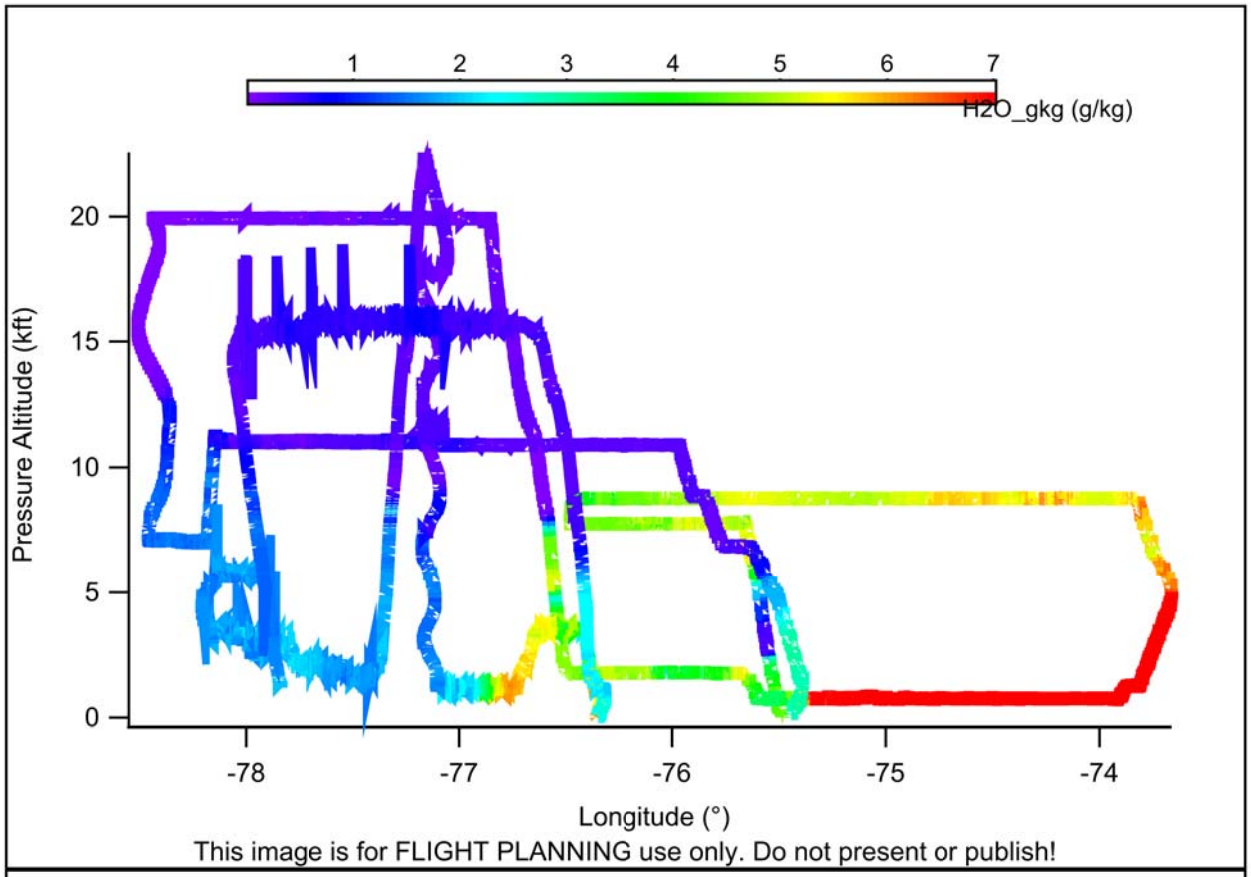

1 2 3 4 5 6 7
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
5
10
15
20
36
38
40
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

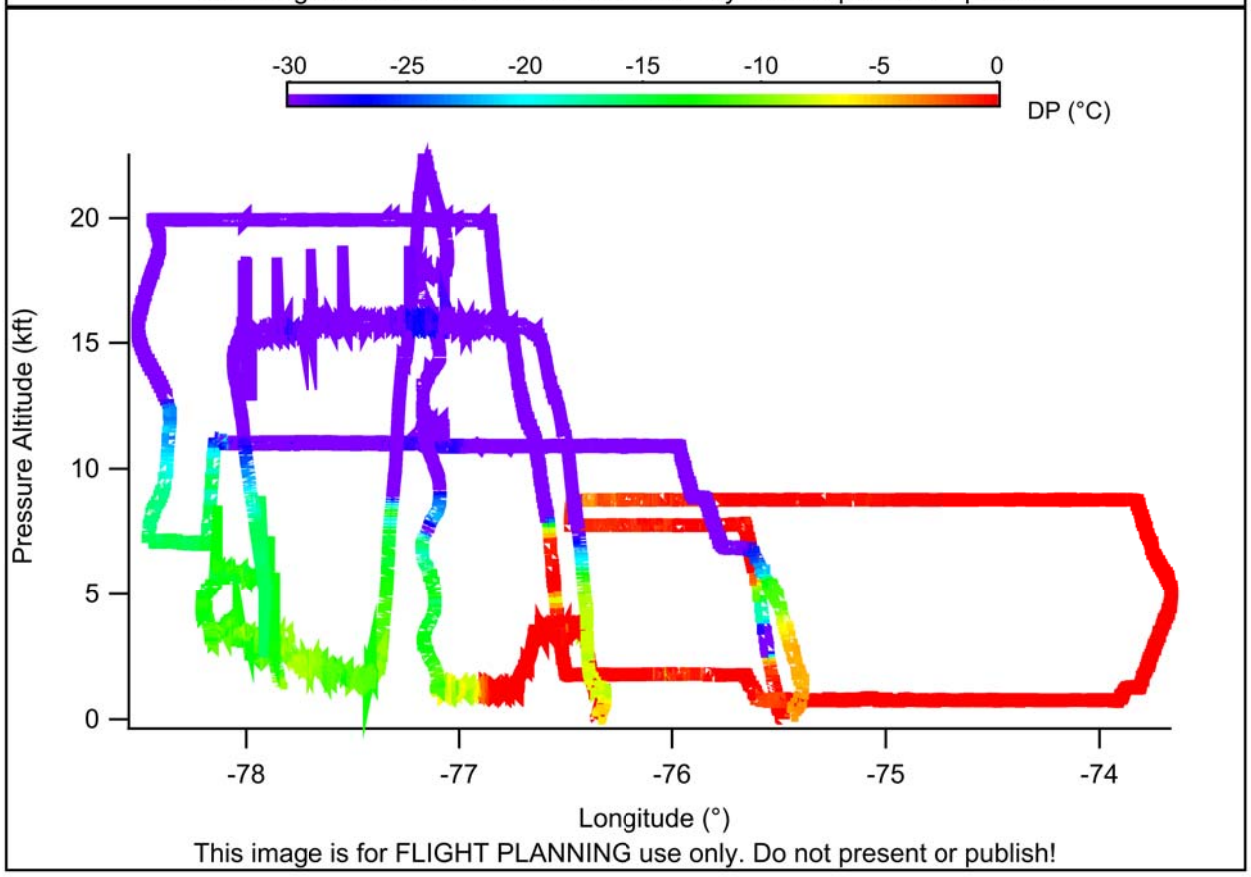

-30
-25
-20
-15
-10
-5
0
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
36
38
40
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

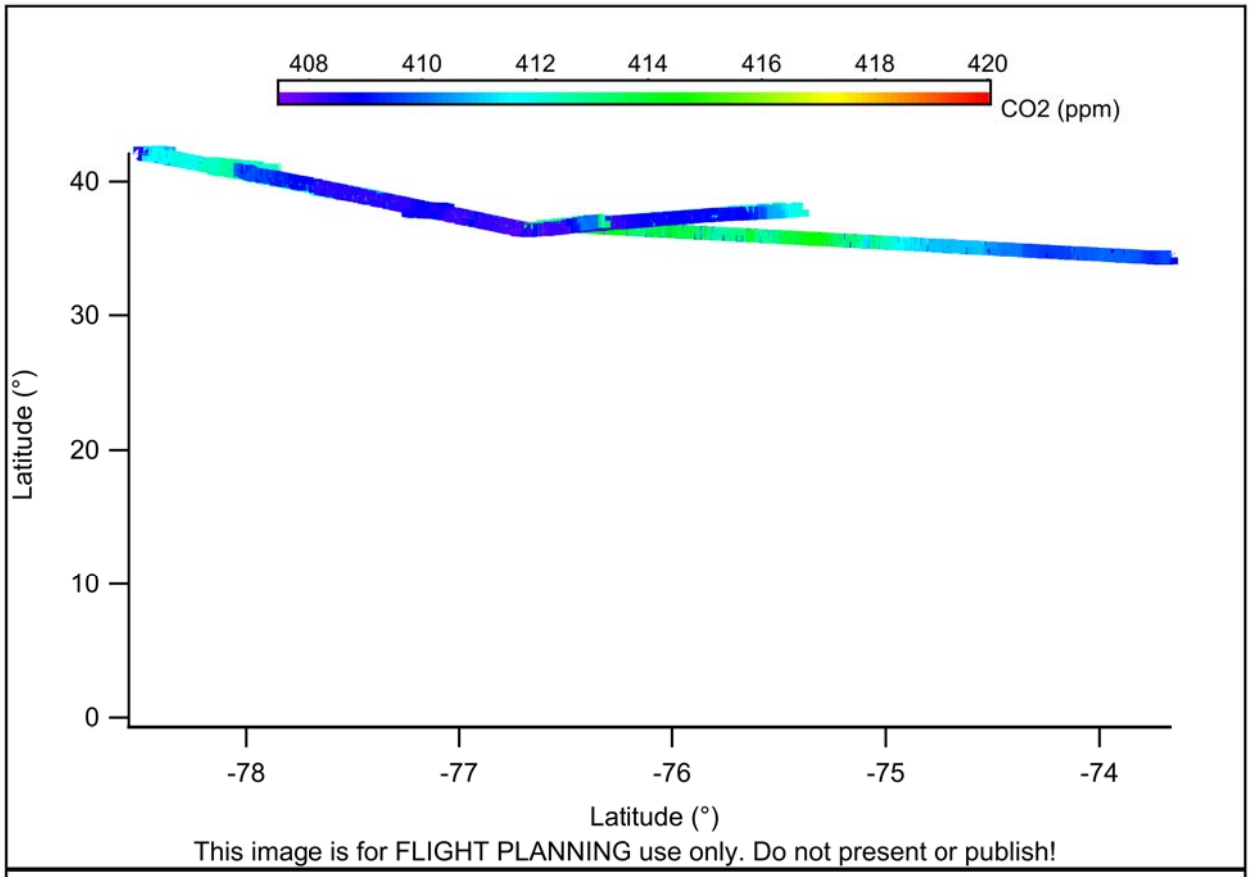

408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-78
-77
-76
-75
-74
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

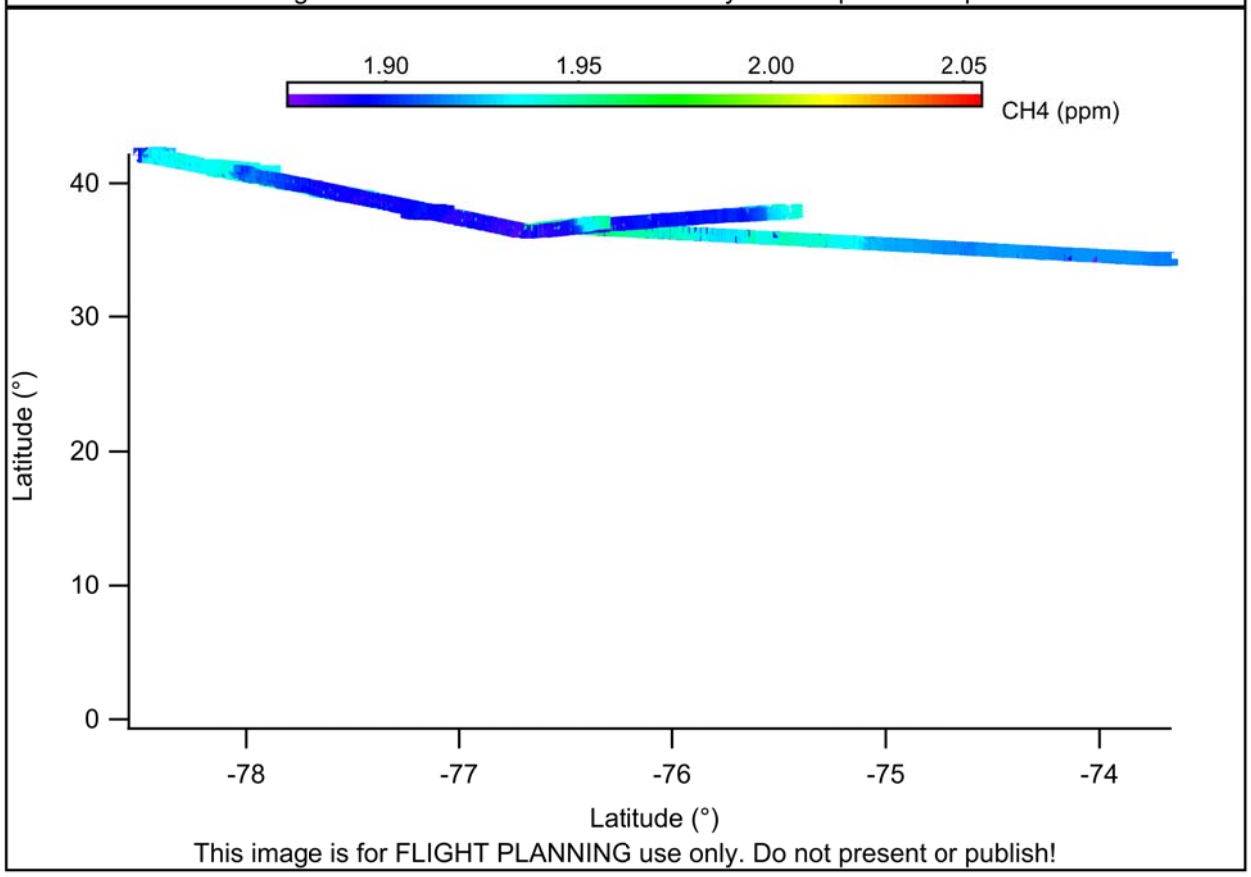

1.90
1.95
2.00
2.05
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-78
-77
-76
-75
-74
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

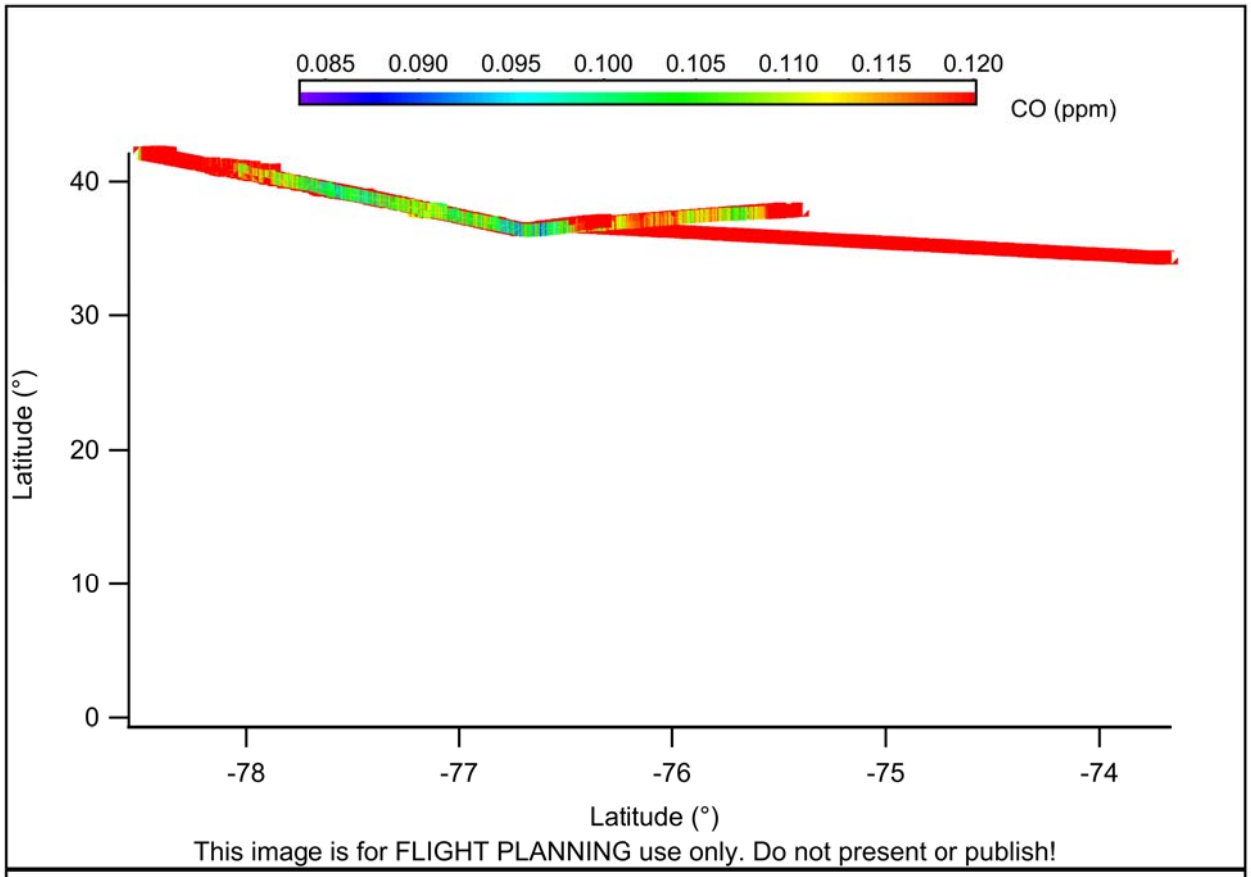

0.085
0.090
0.095
0.100
0.105
0.110
0.115
0.120
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-78
-77
-76
-75
-74
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

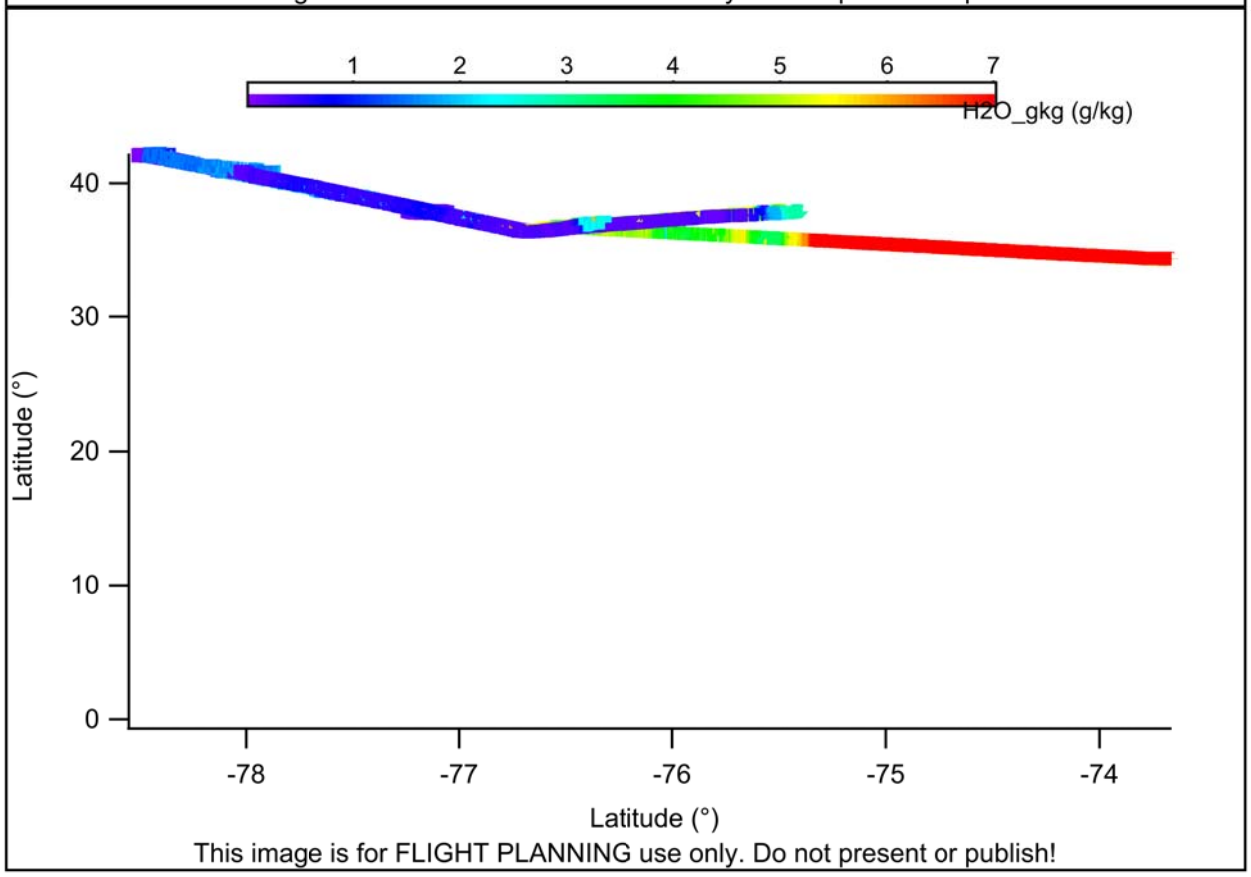

1
2
3
4
5
6
7
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
-78
-77
-76
-75
-74
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

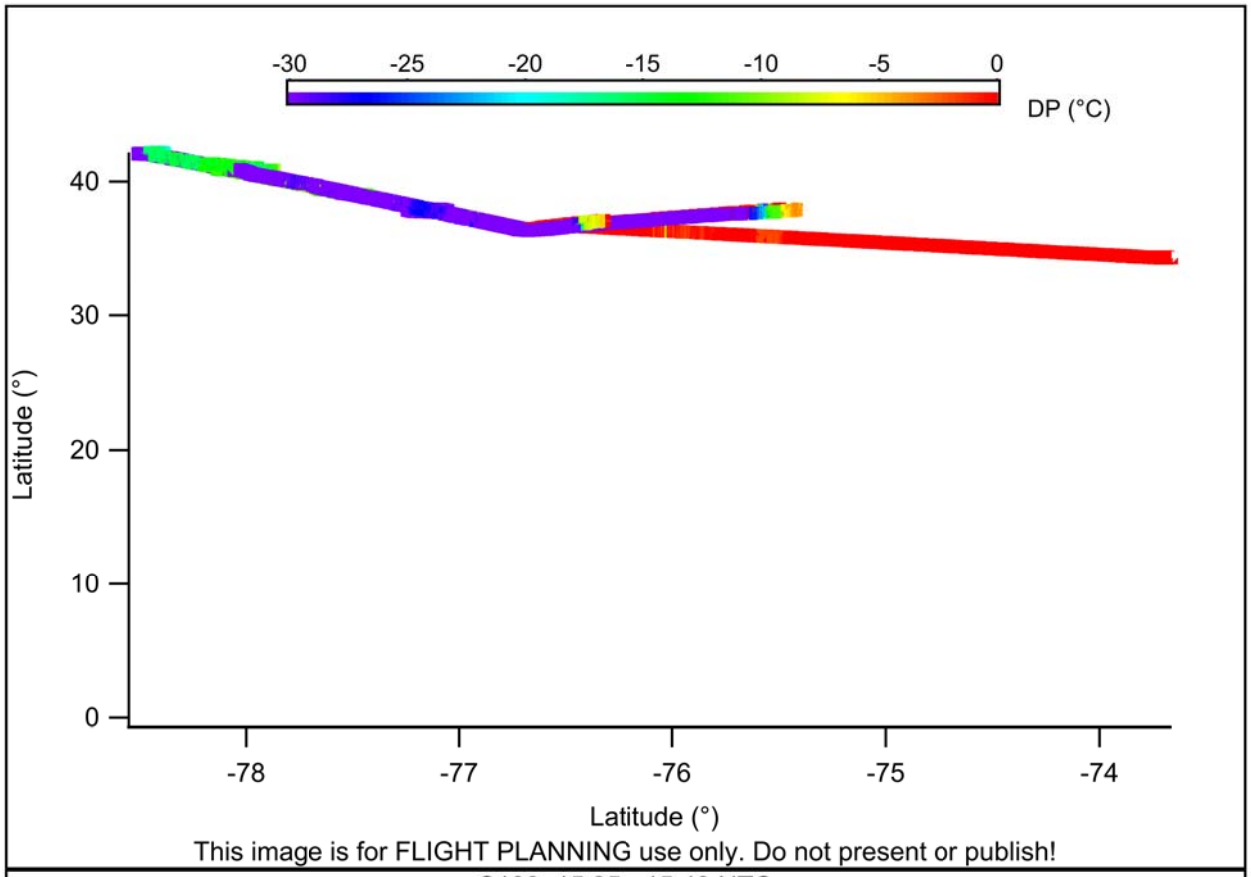

-30
-25
-20
-15
-10
-5
0
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
-78
-77
-76
-75
-74
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

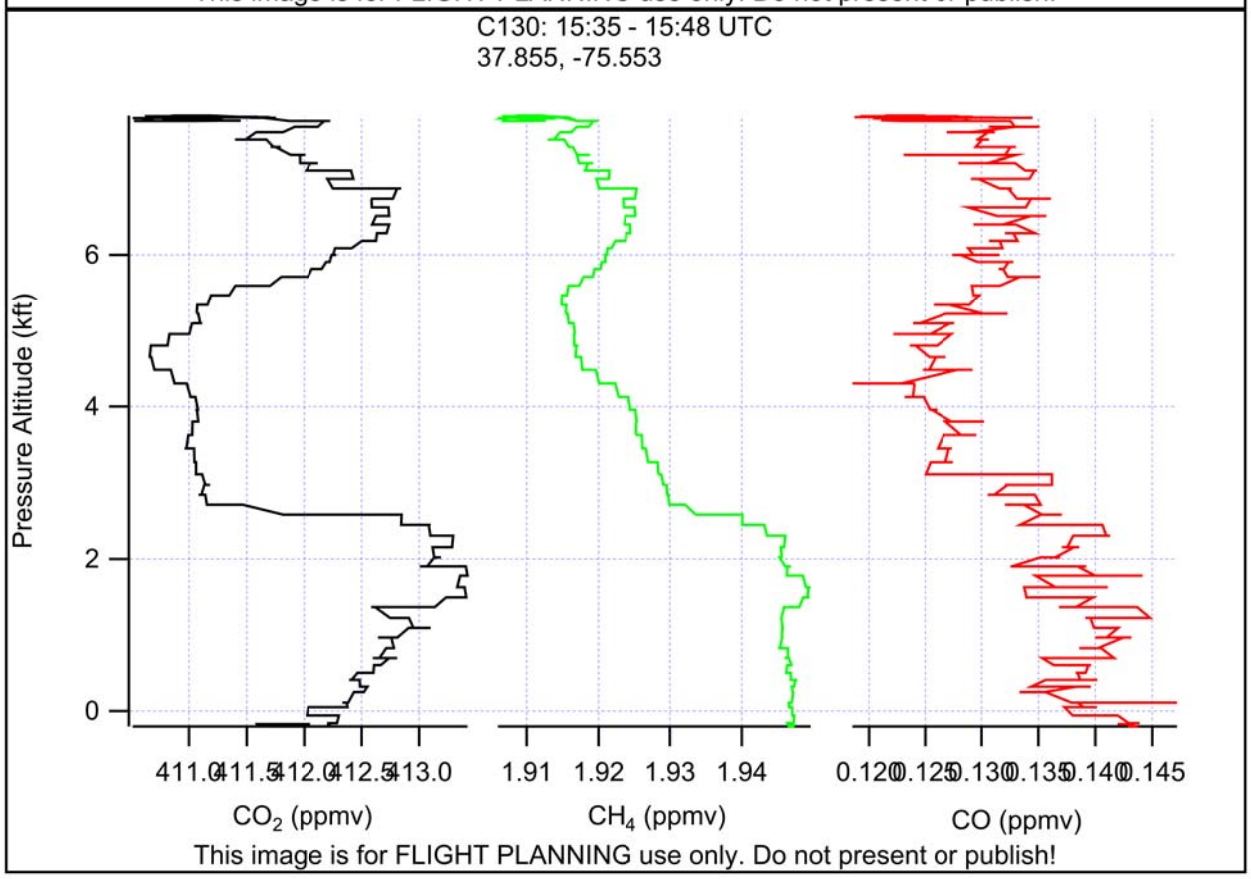

408
410
412
414
416
418
420
CO2 (ppm)
40
30
20
10
0
Latitude (°)
-78
-77
-76
-75
-74
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

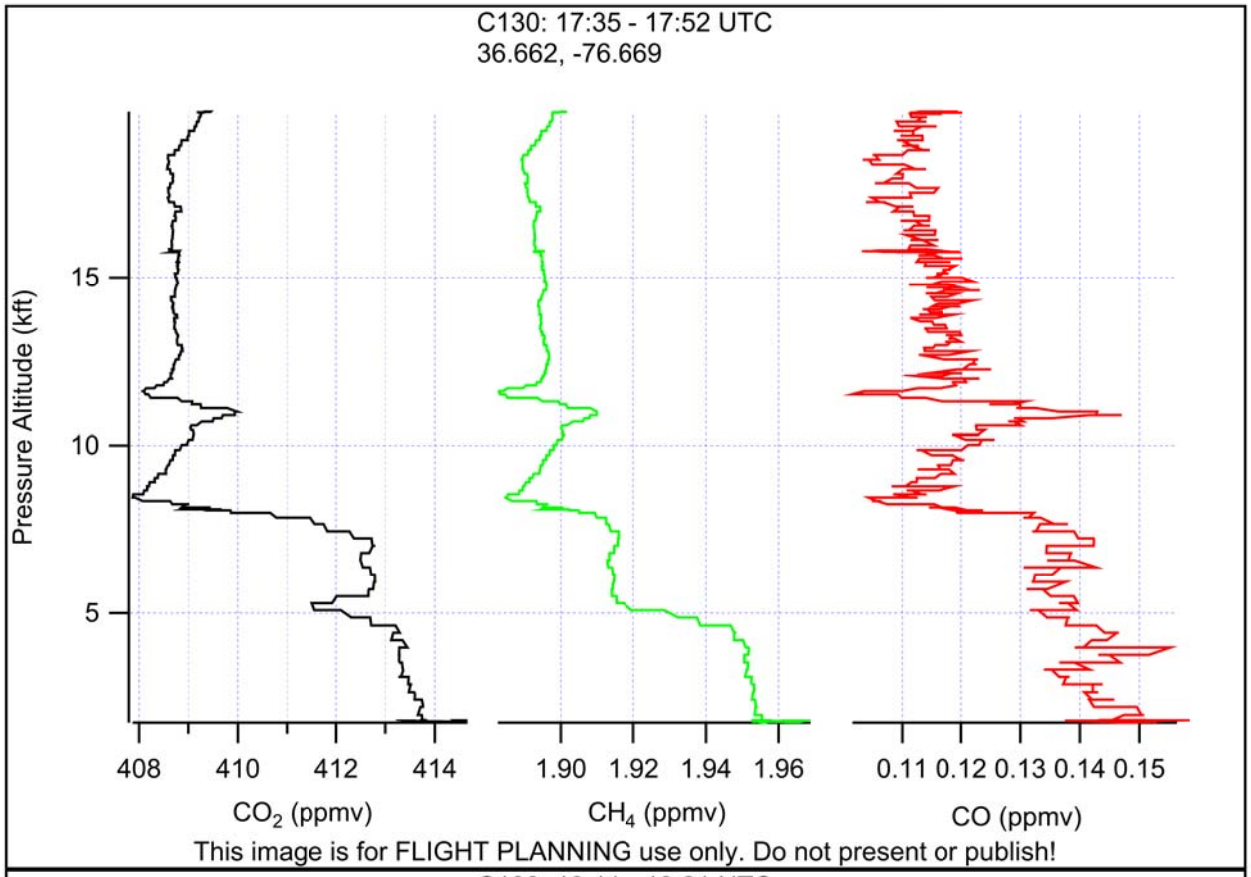

1.90
1.95
2.00
2.05
CH4 (ppm)
40
30
20
10
0
Latitude (°)
-78
-77
-76
-75
-74
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

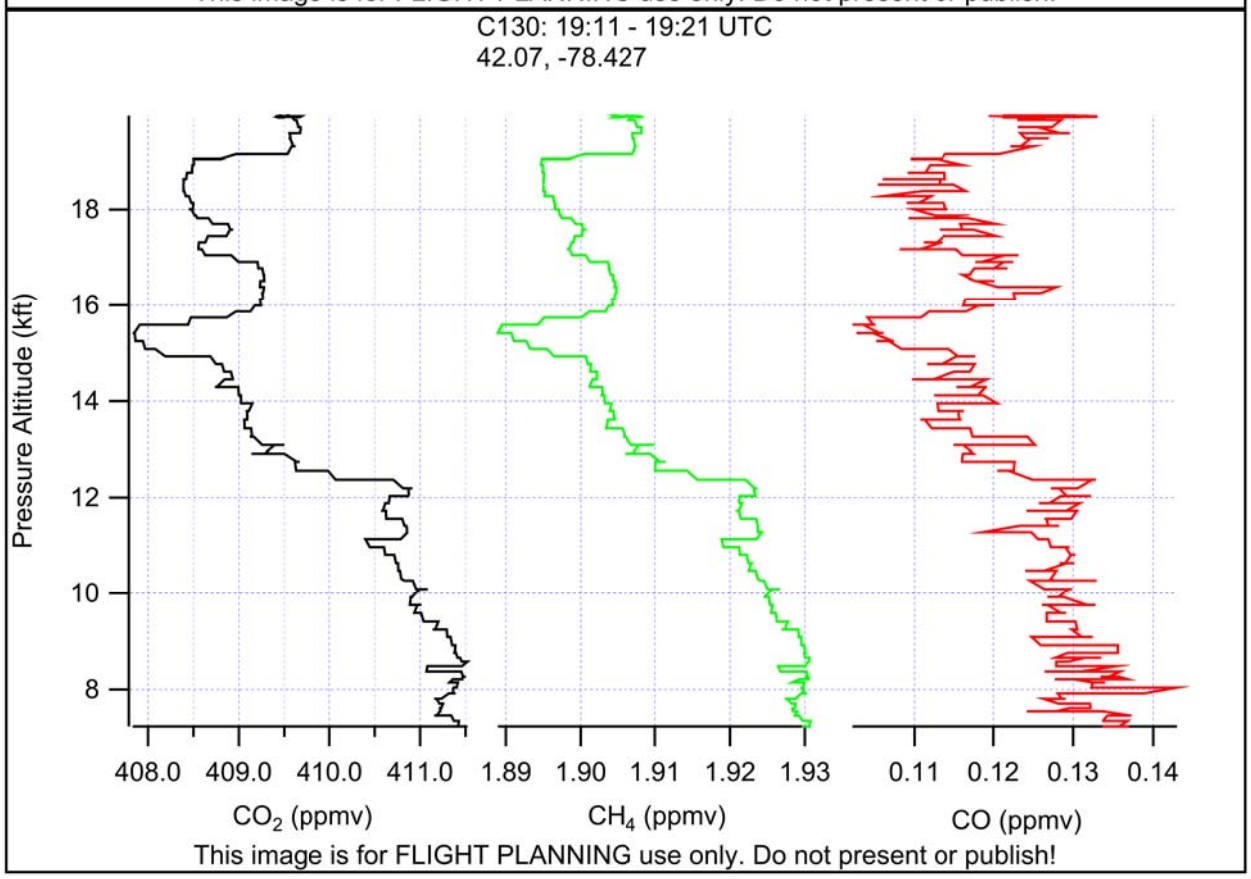

0.085 0.090 0.095 0.100 0.105 0.110 0.115 0.120
CO (ppm)
Latitude (°)
40
30
20
10
0
-78 -77 -76 -75 -74
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

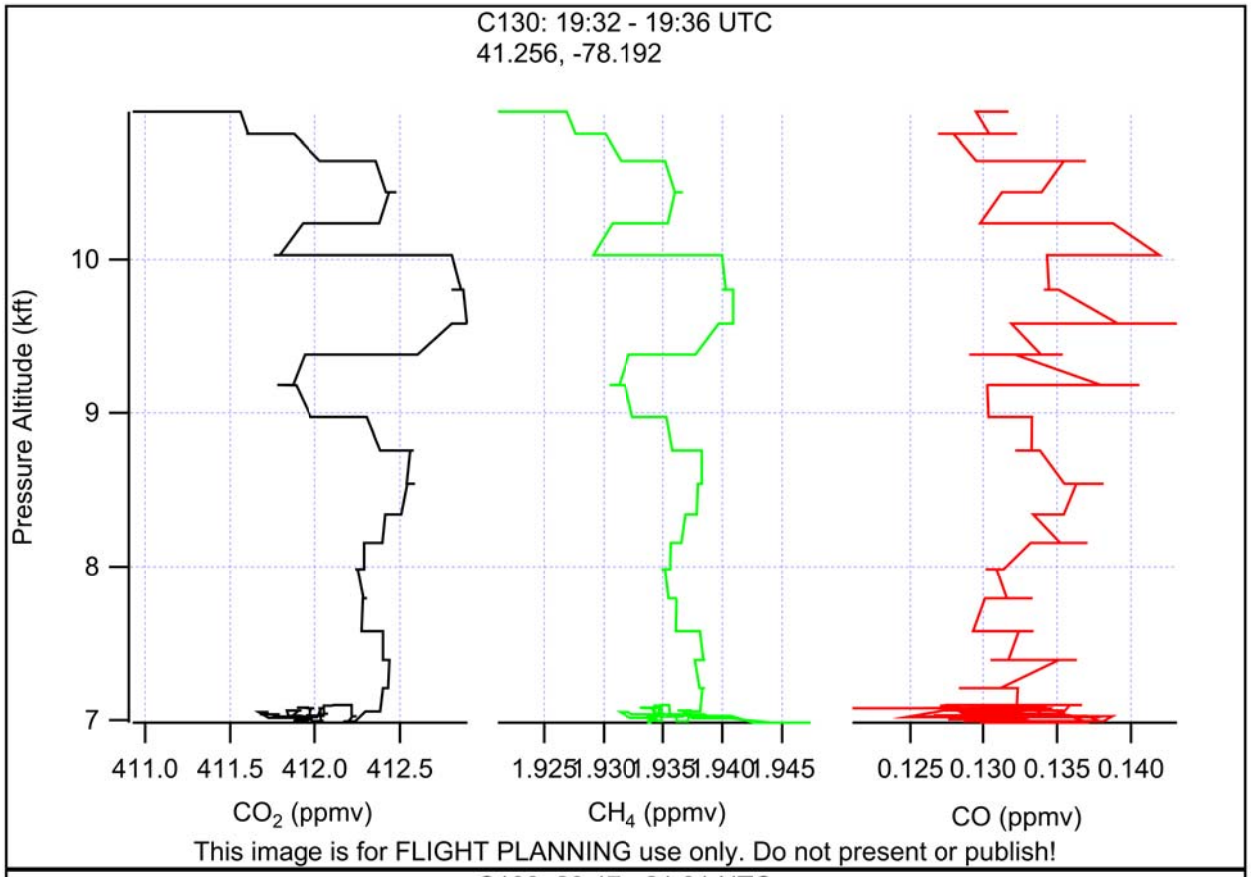

1 2 3 4 5 6 7
H2O_gkg (g/kg)
Latitude (°)
40
30
20
10
0
-78 -77 -76 -75 -74
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

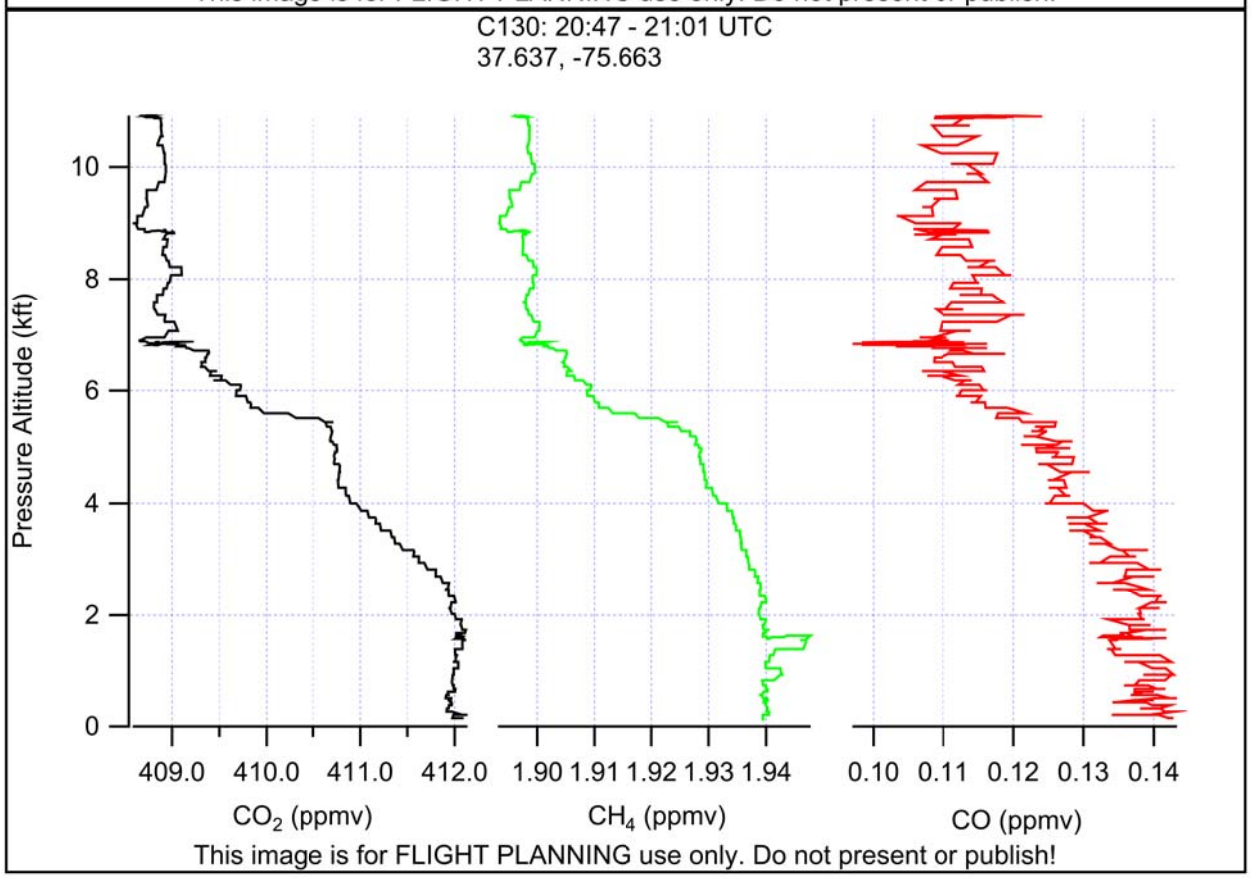

-30
-25
-20
-15
-10
-5
0
DP (°C)
40
30
20
10
0
Latitude (°)
-78
-77
-76
-75
-74
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

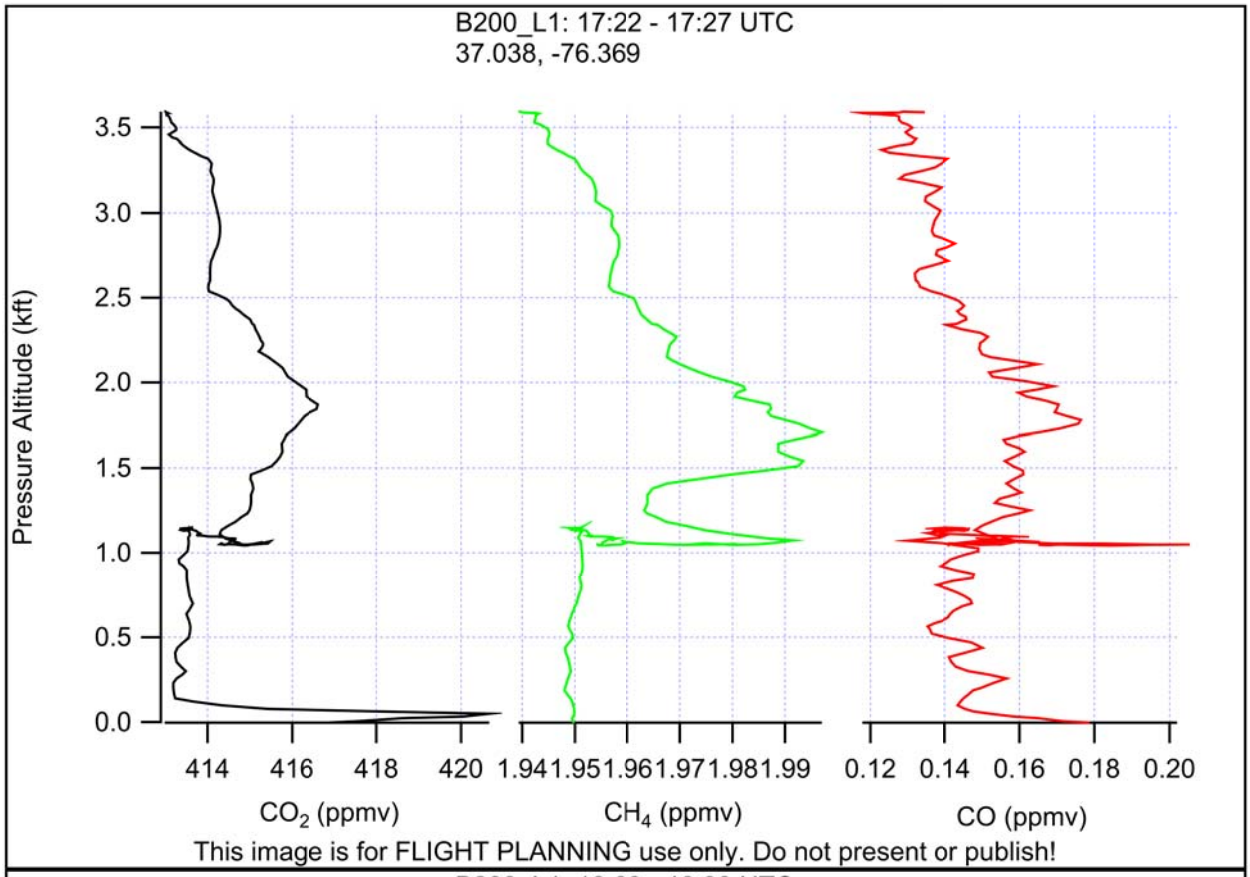

C130: 15:35 - 15:48 UTC
37.855, -75.553
6
4
2
0
Pressure Altitude (kft)
411.0
411.5
412.0
412.5
413.0
CO2 (ppmv)
1.91
1.92
1.93
1.94
CH4 (ppmv)
0.120
0.125
0.130
0.135
0.140
0.145
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

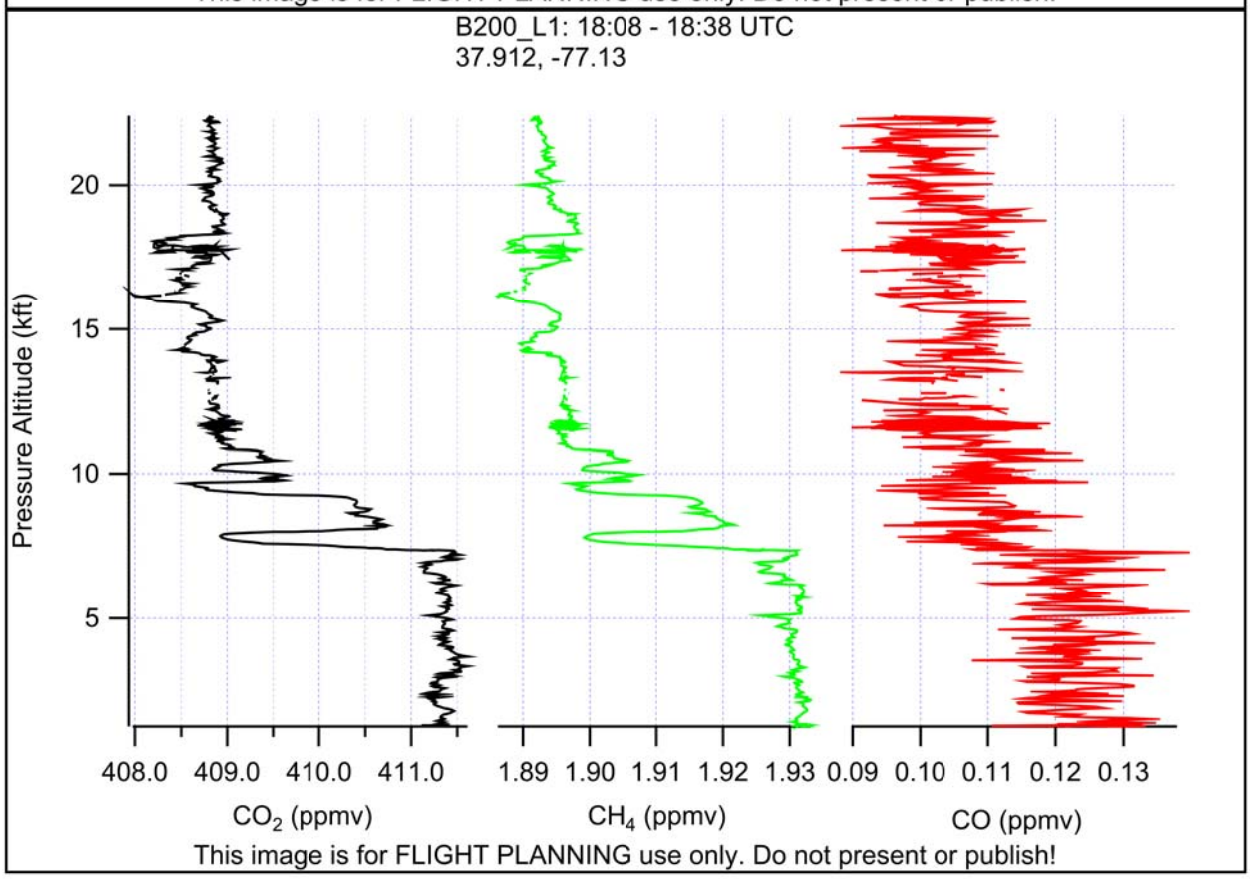

C130: 17:35 - 17:52 UTC
36.662, -76.669
Pressure Altitude (kft)
15
10
5
408
410
412
414
CO_2 (ppmv)
1.90
1.92
1.94
1.96
CH_4 (ppmv)
0.11
0.12
0.13
0.14
0.15
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

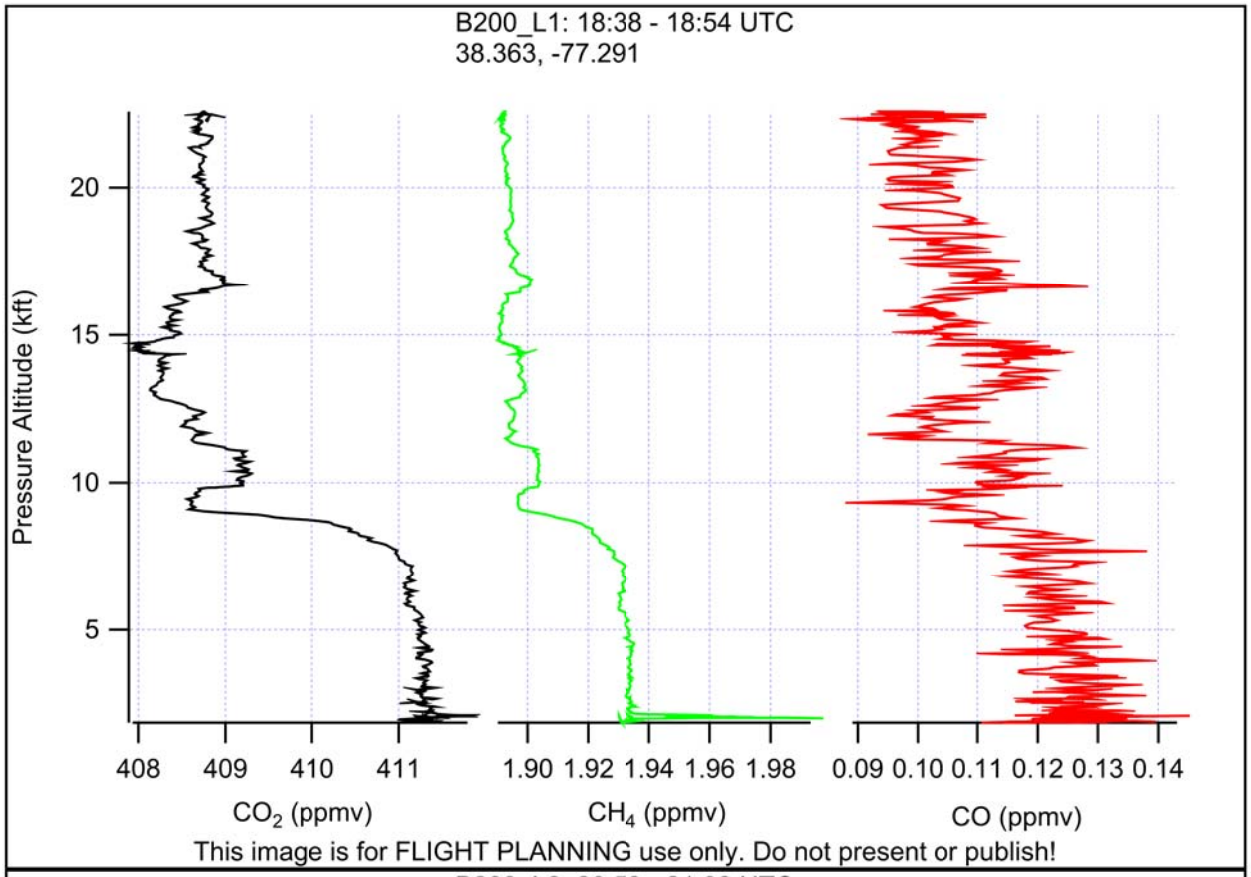

C130: 19:11 - 19:21 UTC
42.07, -78.427
Pressure Altitude (kft)
18
16
14
12
10
8
408.0
409.0
410.0
411.0
CO_2 (ppmv)
1.89
1.90
1.91
1.92
1.93
CH_4 (ppmv)
0.11
0.12
0.13
0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

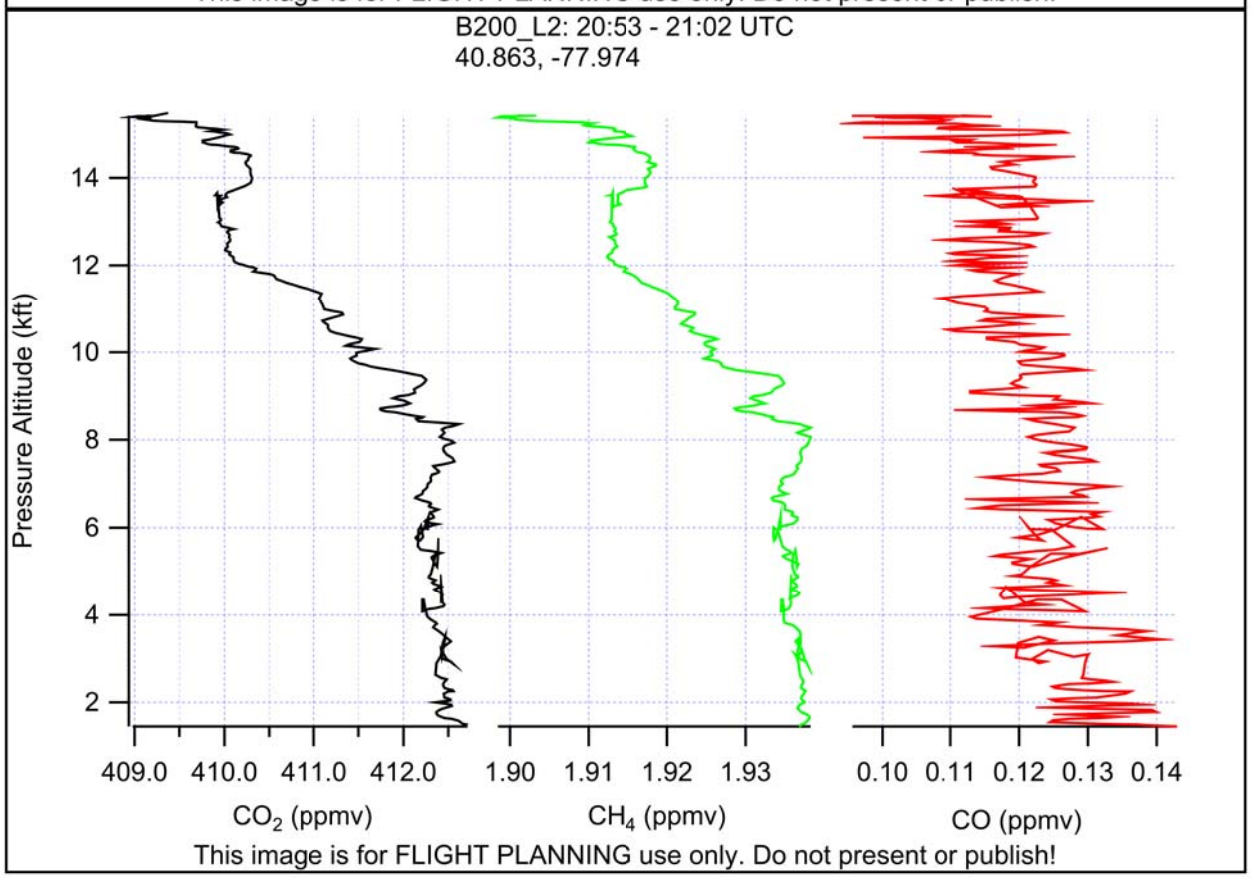

C130: 19:32 - 19:36 UTC
41.256, -78.192
Pressure Altitude (kft)
10
9
8
7
411.0 411.5 412.0 412.5
CO2 (ppmv)
1.925 1.930 1.935 1.940 1.945
CH4 (ppmv)
0.125 0.130 0.135 0.140
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

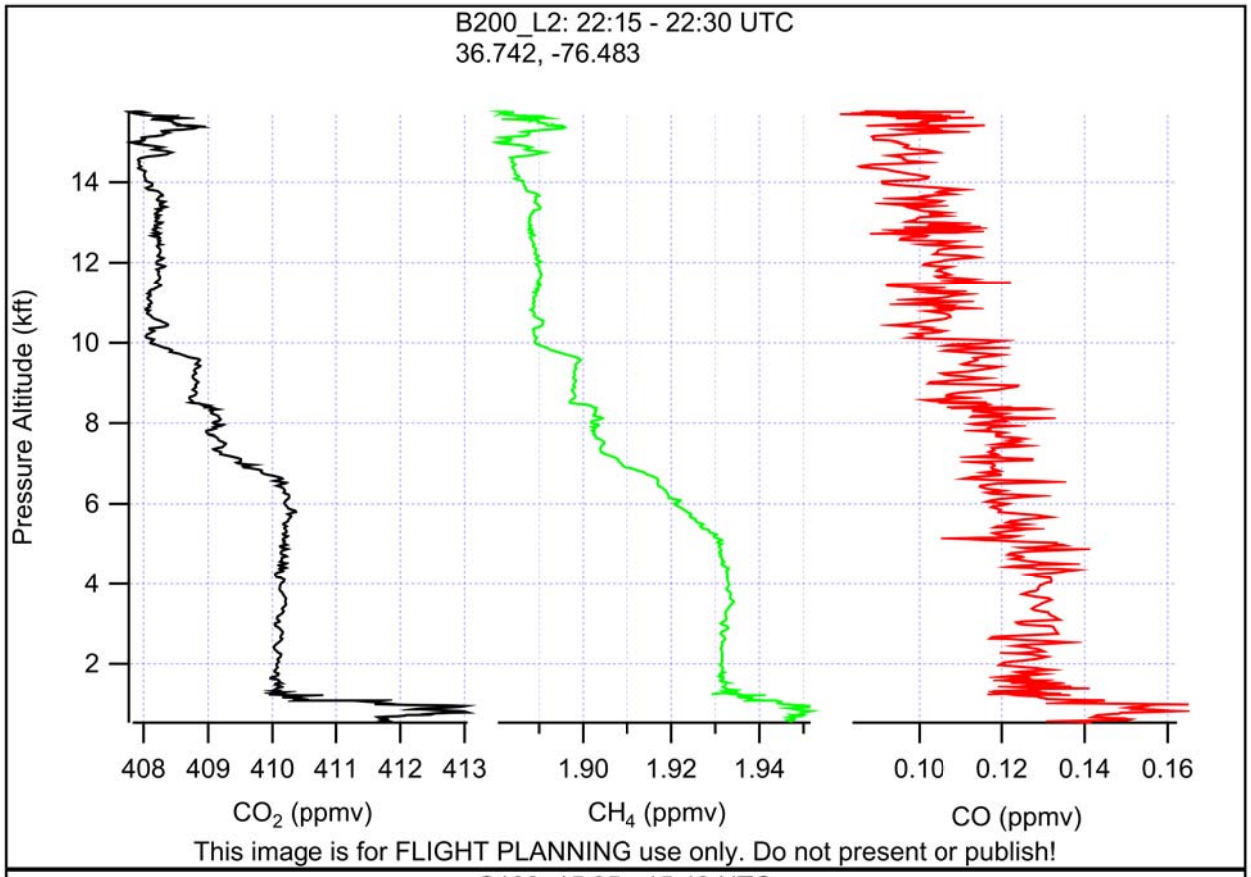

C130: 20:47 - 21:01 UTC
37.637, -75.663
Pressure Altitude (kft)
10
8
6
4
2
0
409.0 410.0 411.0 412.0
CO2 (ppmv)
1.90 1.91 1.92 1.93 1.94
CH4 (ppmv)
0.10 0.11 0.12 0.13 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

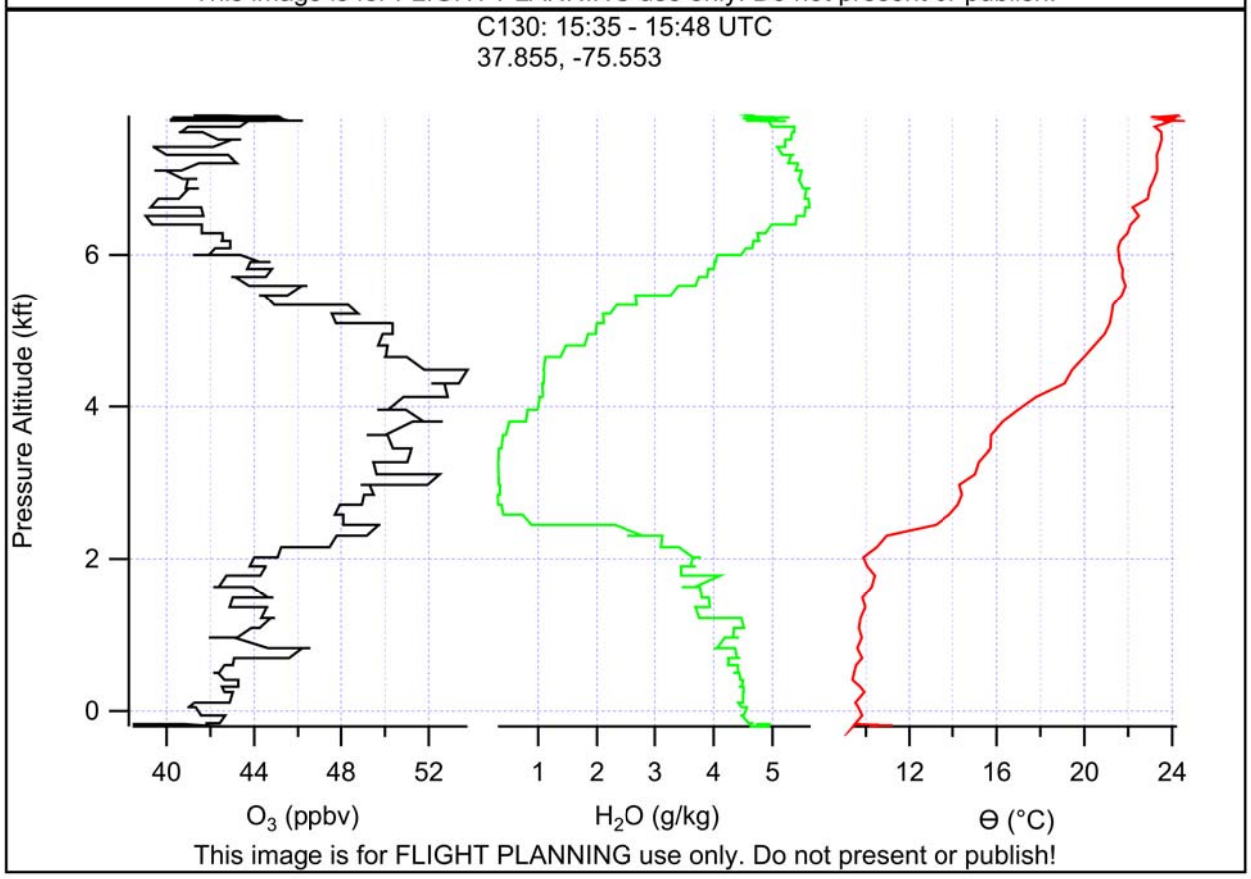

B200_L1: 17:22 - 17:27 UTC
37.038, -76.369
Pressure Altitude (kft)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
414 416 418 420
CO2 (ppmv)
1.94 1.95 1.96 1.97 1.98 1.99
CH4 (ppmv)
0.12 0.14 0.16 0.18 0.20
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

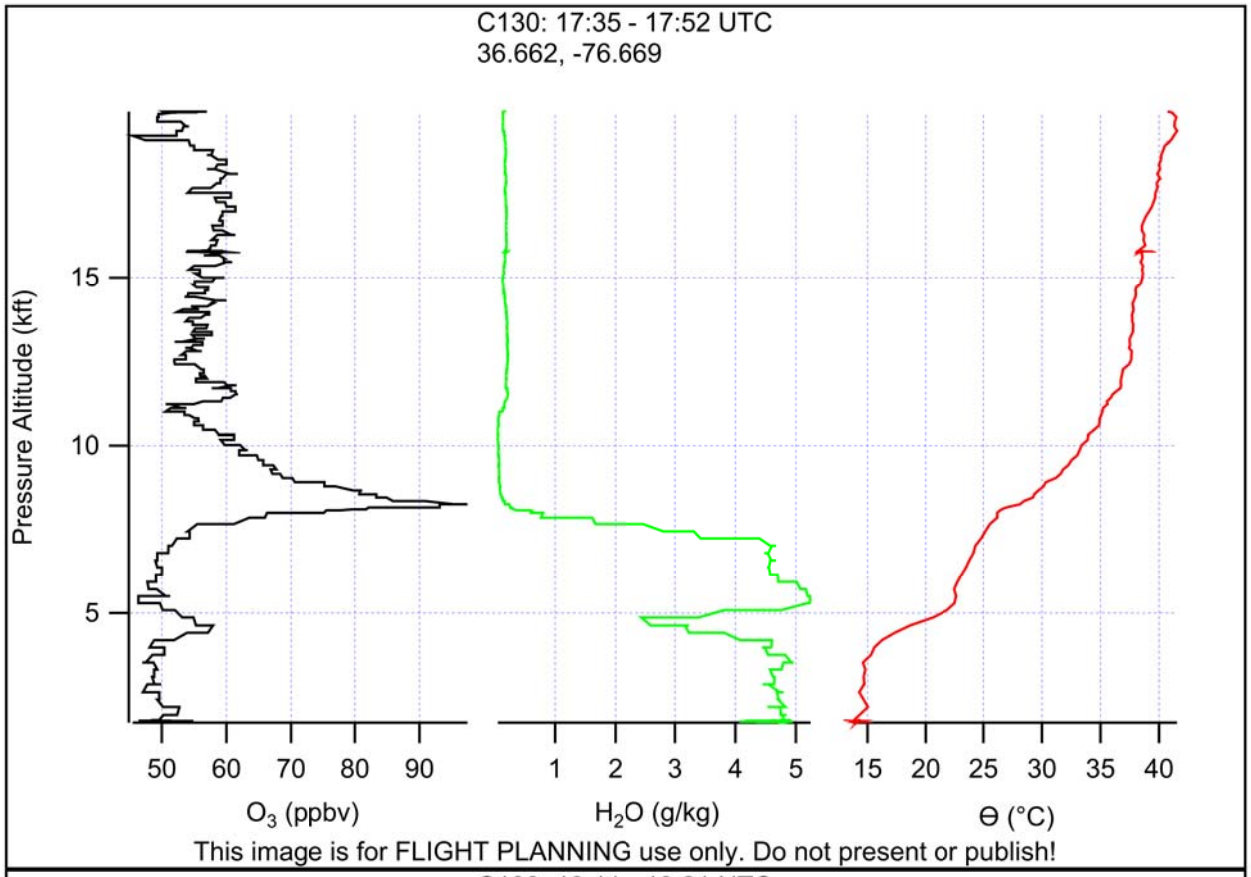

B200_L1: 18:08 - 18:38 UTC
37.912, -77.13
Pressure Altitude (kft)
20
15
10
5
408.0 409.0 410.0 411.0
CO2 (ppmv)
1.89 1.90 1.91 1.92 1.93
CH4 (ppmv)
0.09 0.10 0.11 0.12 0.13
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

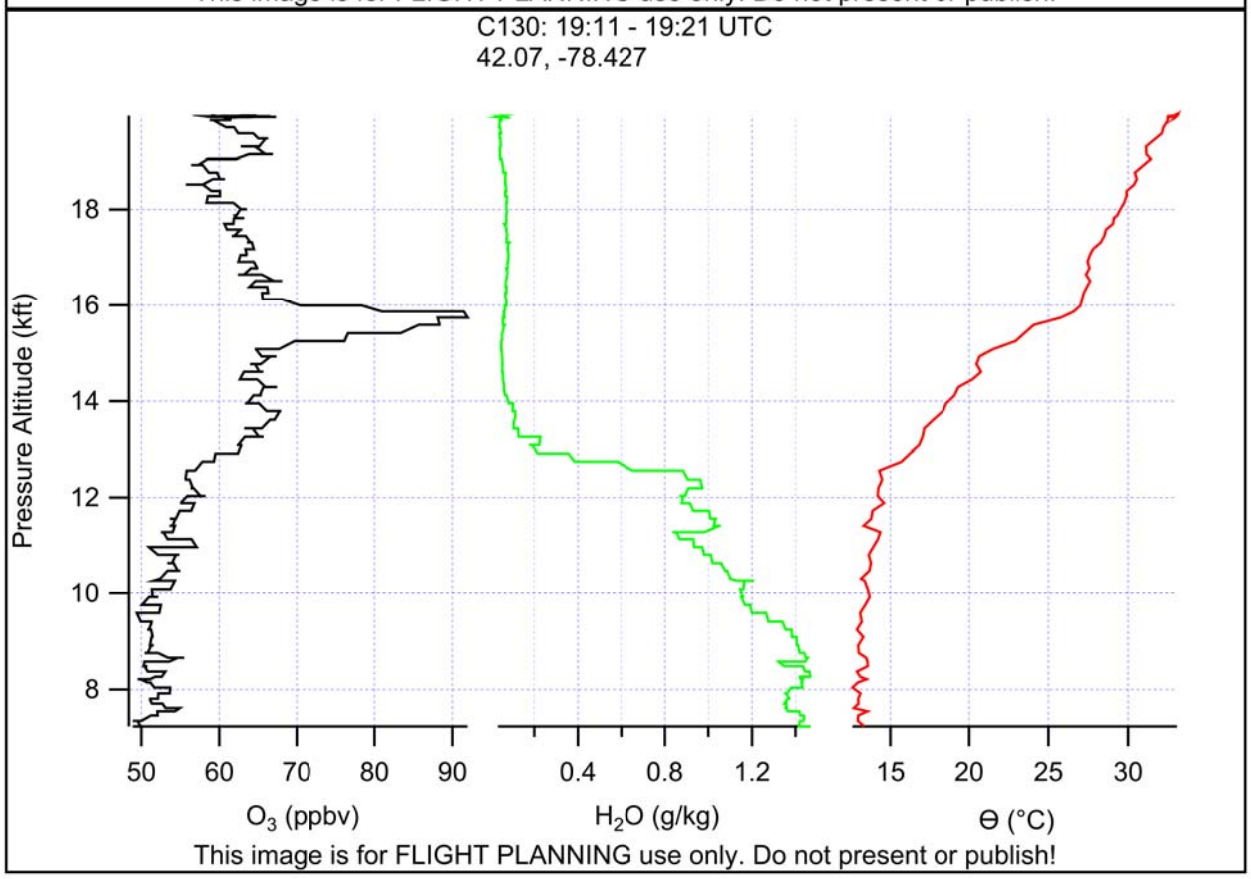

B200_L1: 18:38 - 18:54 UTC
38.363, -77.291
Pressure Altitude (kft)
20
15
10
5
408
409
410
411
CO2 (ppmv)
1.90 1.92 1.94 1.96 1.98
CH4 (ppmv)
0.09 0.10 0.11 0.12 0.13 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

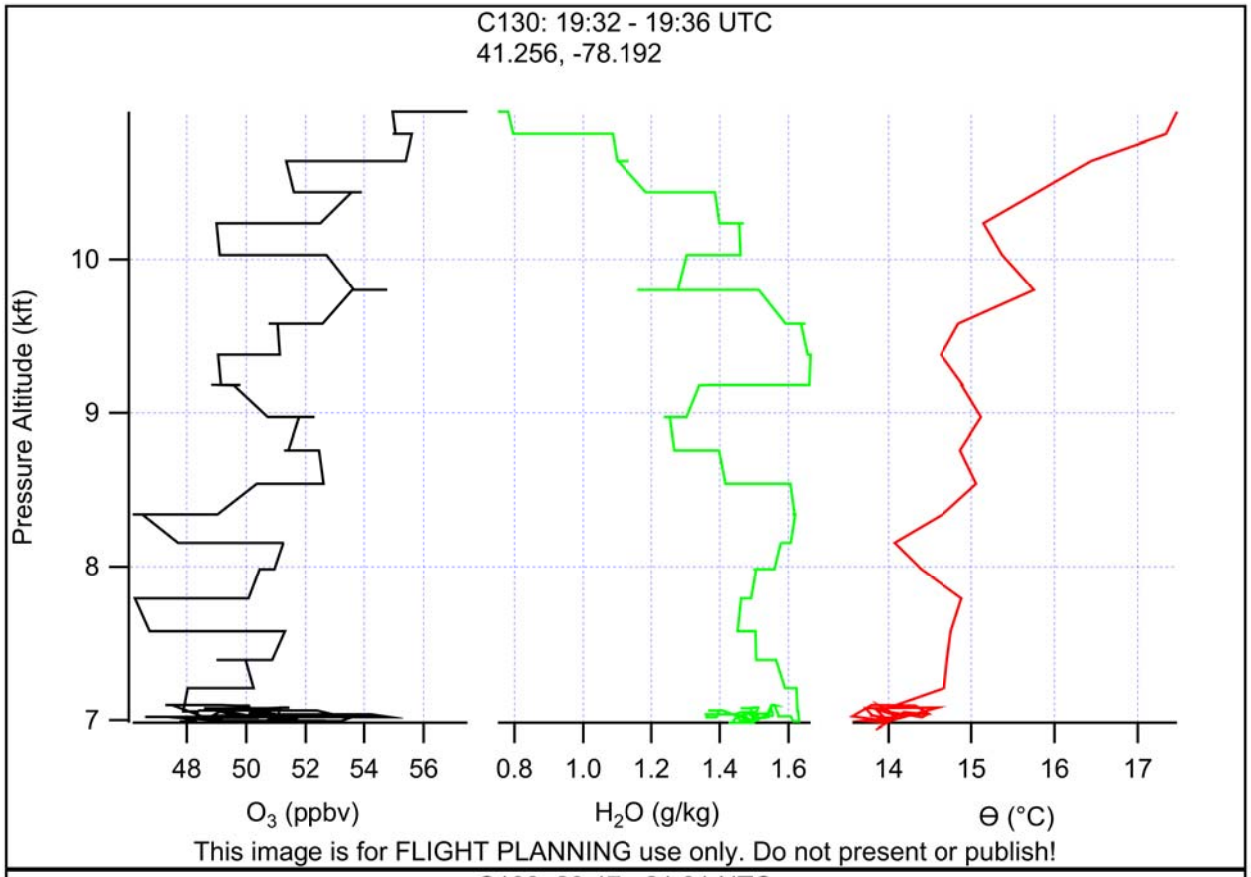

B200_L2: 20:53 - 21:02 UTC
40.863, -77.974
Pressure Altitude (kft)
14
12
10
8
6
4
2
409.0 410.0 411.0 412.0
CO2 (ppmv)
1.90 1.91 1.92 1.93
CH4 (ppmv)
0.10 0.11 0.12 0.13 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

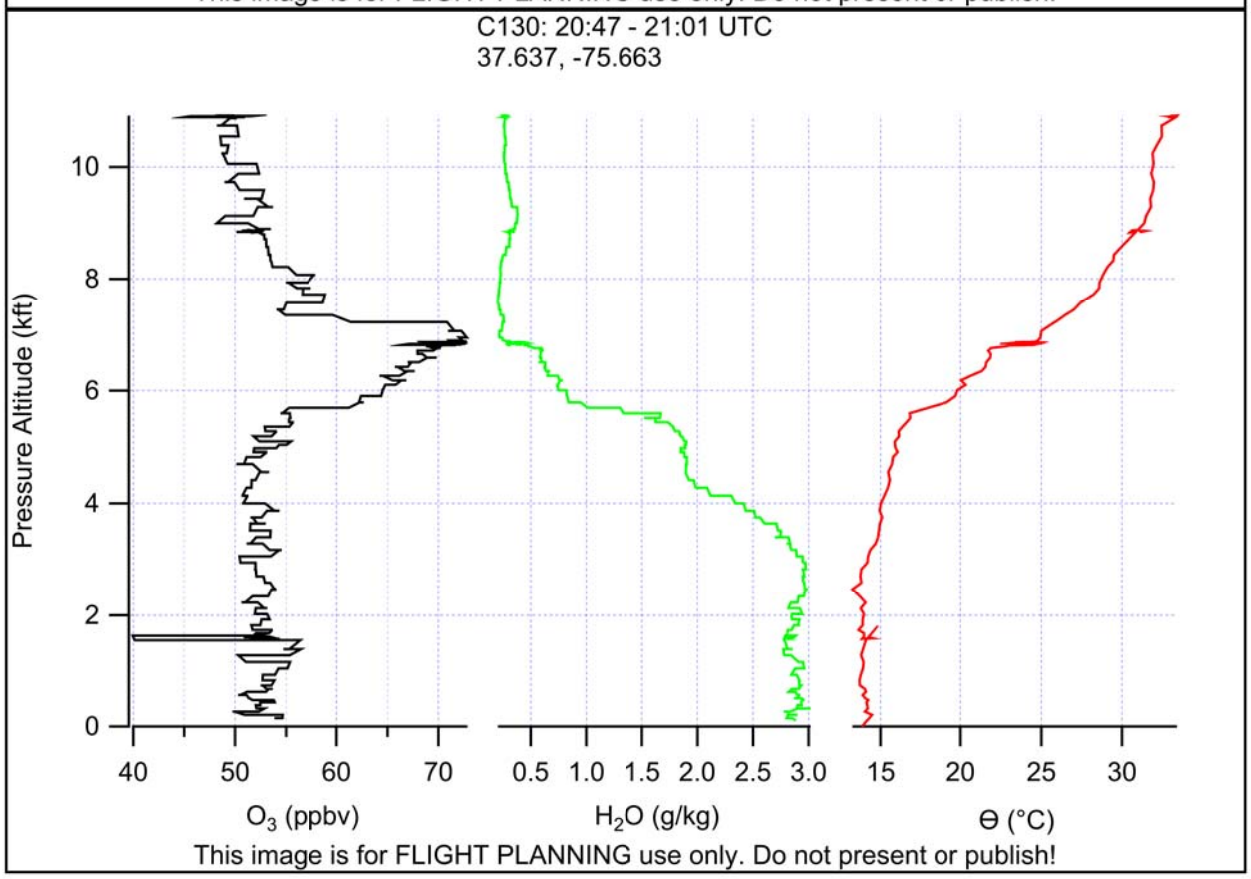

B200_L2: 22:15 - 22:30 UTC
36.742, -76.483
Pressure Altitude (kft)
14
12
10
8
6
4
2
408 409 410 411 412 413
CO2 (ppmv)
1.90 1.92 1.94
CH4 (ppmv)
0.10 0.12 0.14 0.16
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

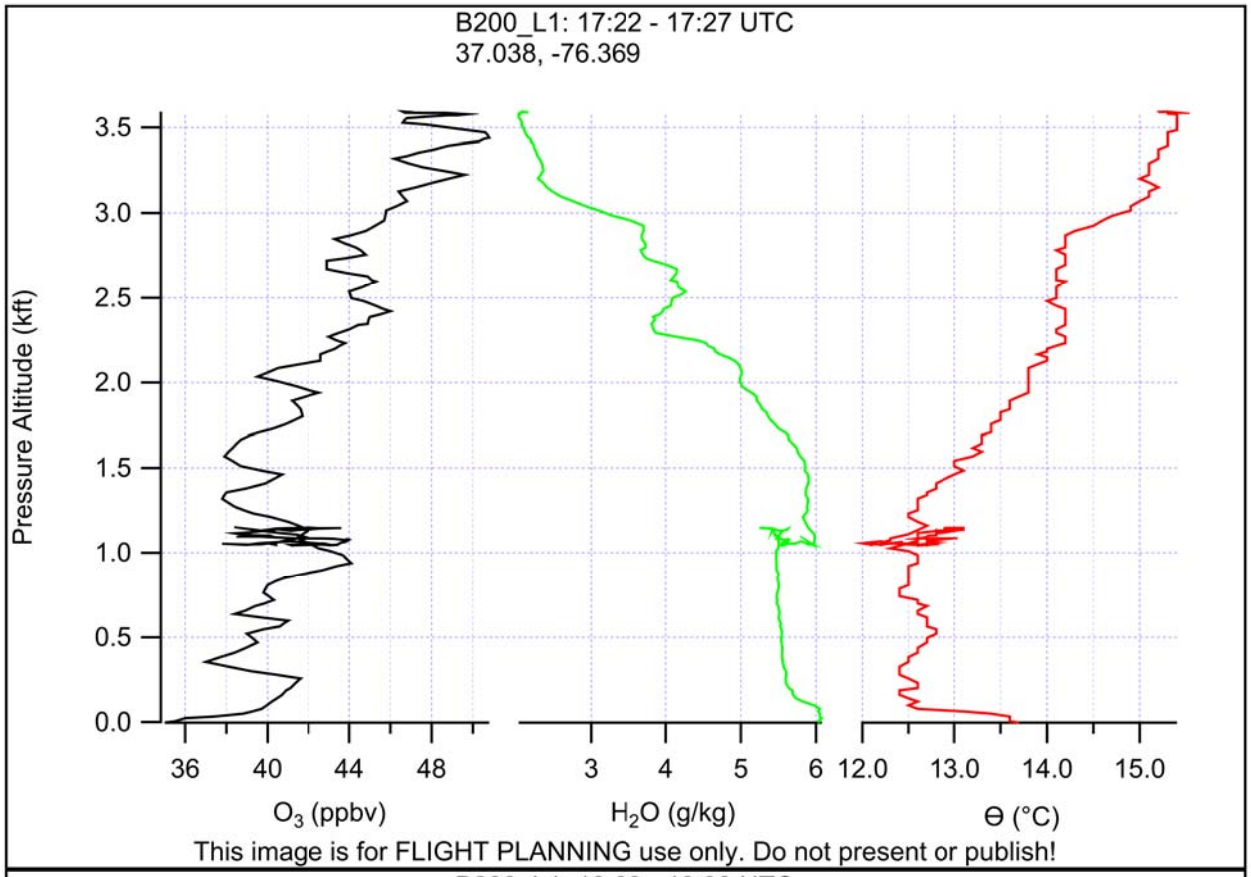

C130: 15:35 - 15:48 UTC
37.855, -75.553
Pressure Altitude (kft)
6
4
2
0
40 44 48 52
O3 (ppbv)
1 2 3 4 5
H2O (g/kg)
12 16 20 24
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

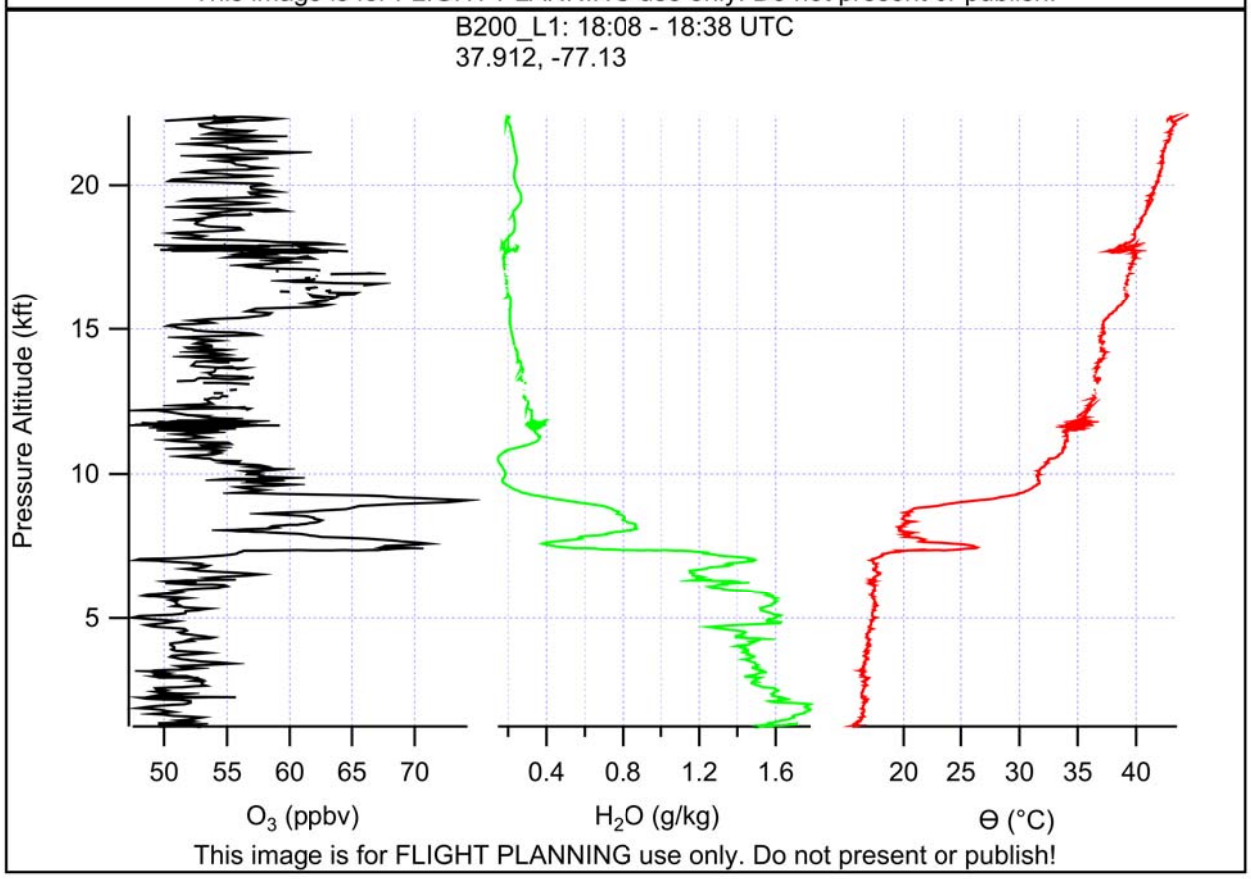

C130: 17:35 - 17:52 UTC
36.662, -76.669
Pressure Altitude (kft)
15
10
5
50 60 70 80 90
O3 (ppbv)
1 2 3 4 5
H2O (g/kg)
15 20 25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

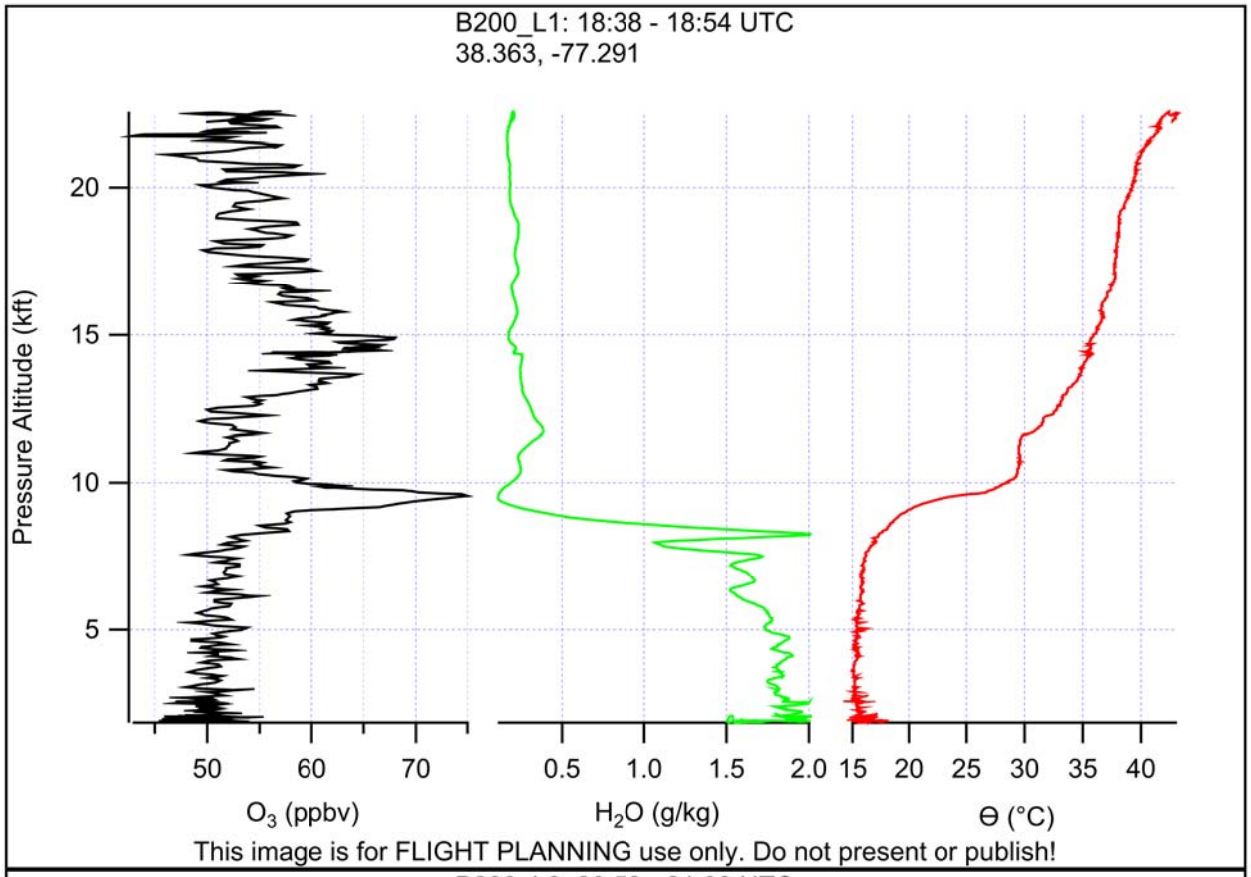

C130: 19:11 - 19:21 UTC
42.07, -78.427
Pressure Altitude (kft)
18
16
14
12
10
8
50 60 70 80 90
O3 (ppbv)
0.4 0.8 1.2
H2O (g/kg)
15 20 25 30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

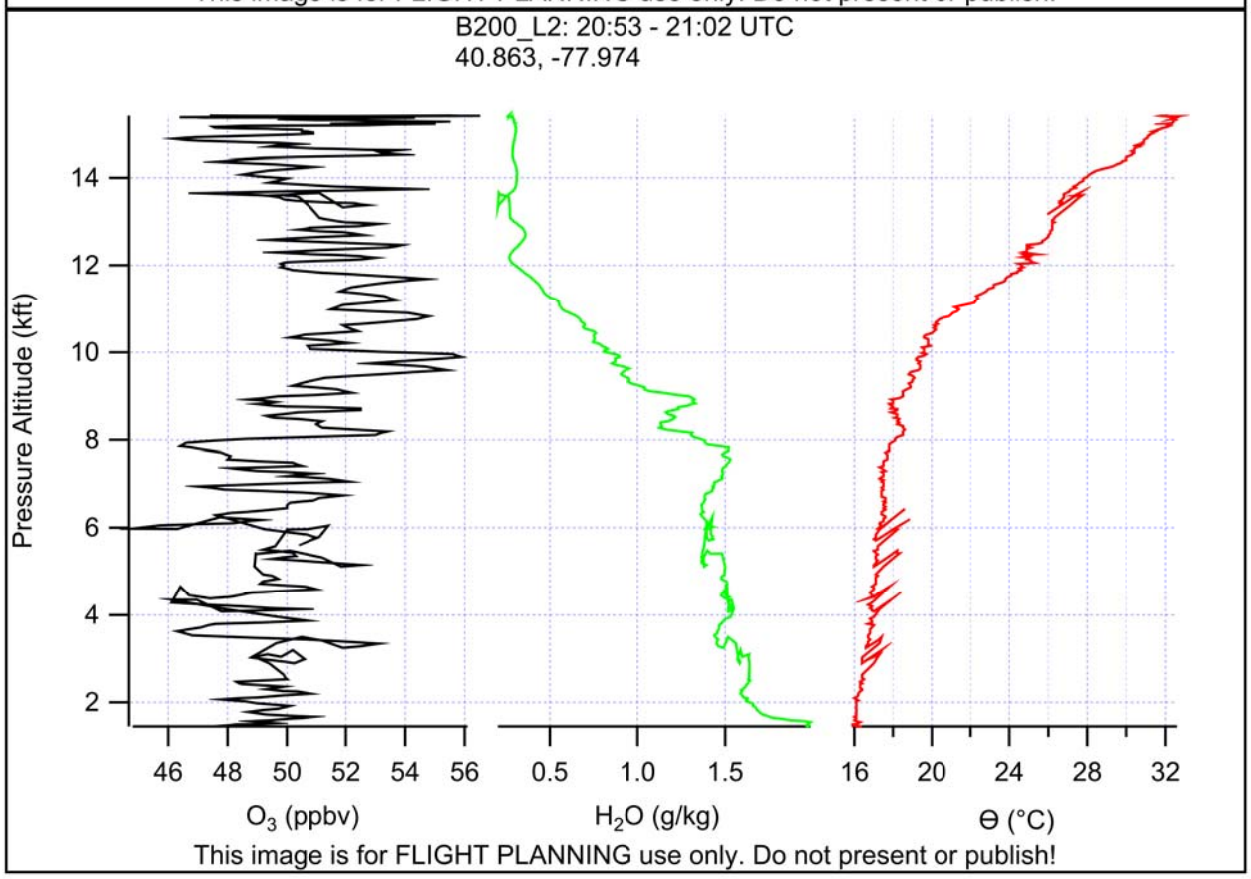

C130: 19:32 - 19:36 UTC
41.256, -78.192
Pressure Altitude (kft)
10
9
8
7
48 50 52 54 56
O3 (ppbv)
0.8 1.0 1.2 1.4 1.6
H2O (g/kg)
14 15 16 17
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

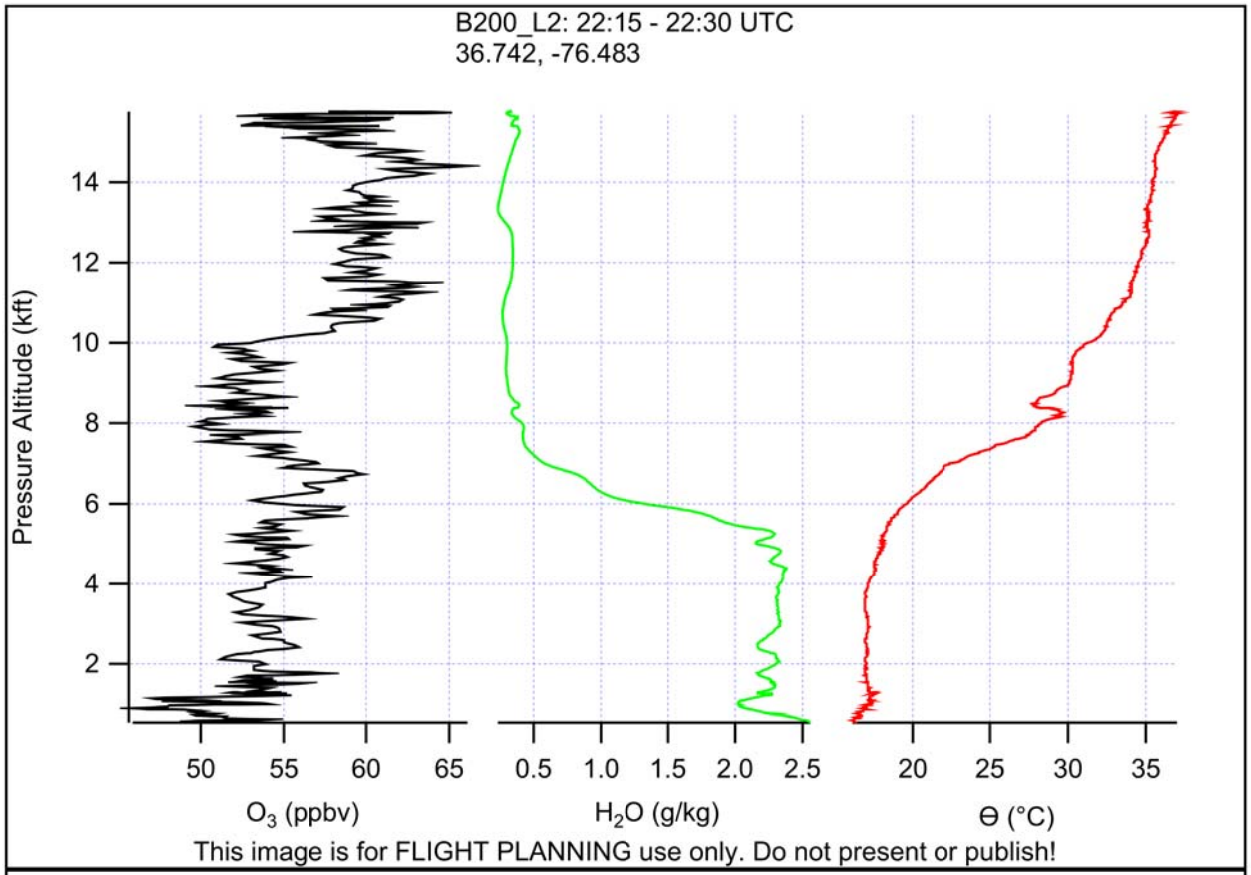

C130: 20:47 - 21:01 UTC
37.637, -75.663
Pressure Altitude (kft)
10
8
6
4
2
0
40 50 60 70
O3 (ppbv)
0.5 1.0 1.5 2.0 2.5 3.0
H2O (g/kg)
15 20 25 30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 17:22 - 17:27 UTC
37.038, -76.369
Pressure Altitude (kft)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
36
40
44
48
O3 (ppbv)
3
4
5
6
H2O (g/kg)
12.0
13.0
14.0
15.0
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 18:08 - 18:38 UTC
37.912, -77.13
Pressure Altitude (kft)
20
15
10
5
50
55
60
65
70
O3 (ppbv)
0.4
0.8
1.2
1.6
H2O (g/kg)
20
25
30
35
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 18:38 - 18:54 UTC
38.363, -77.291
Pressure Altitude (kft)
20
15
10
5
50
60
70
O3 (ppbv)
0.5
1.0
1.5
2.0
H2O (g/kg)
15
20
25
30
35
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 20:53 - 21:02 UTC
40.863, -77.974
Pressure Altitude (kft)
14
12
10
8
6
4
2
46
48
50
52
54
56
O3 (ppbv)
0.5
1.0
1.5
H2O (g/kg)
16
20
24
28
32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 22:15 - 22:30 UTC
36.742, -76.483
Pressure Altitude (kft)
14
12
10
8
6
4
2
50
55
60
65
O3 (ppbv)
0.5
1.0
1.5
2.0
2.5
H2O (g/kg)
20
25
30
35
Θ (°C)
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