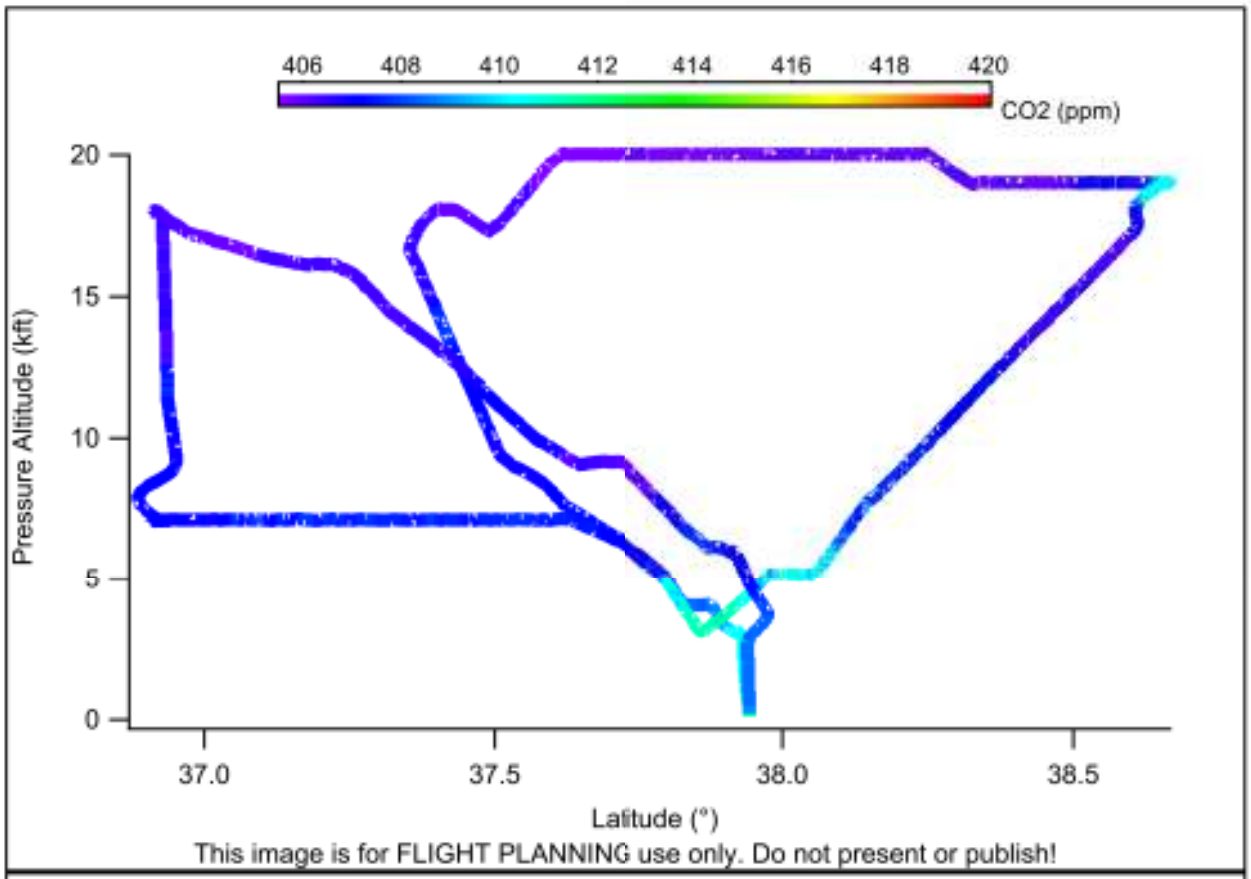
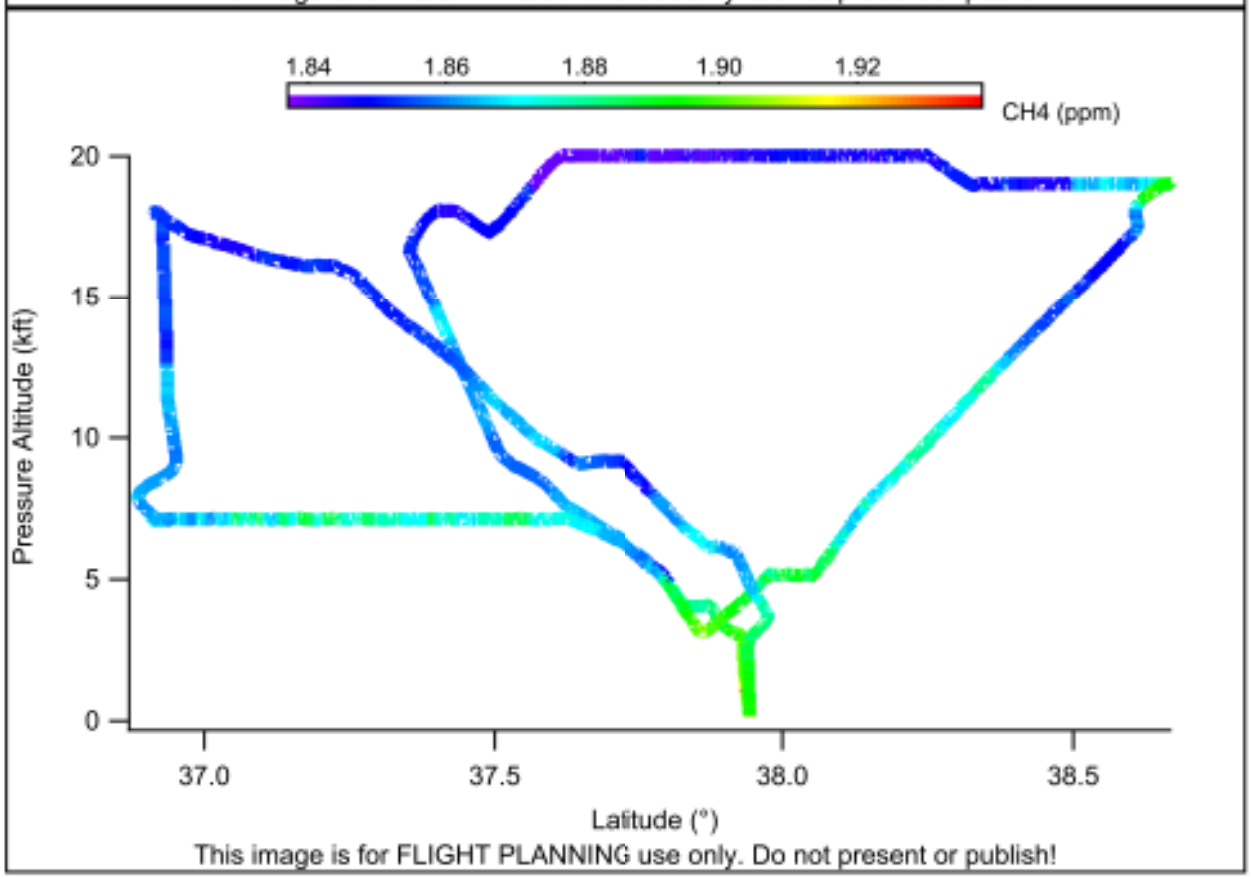
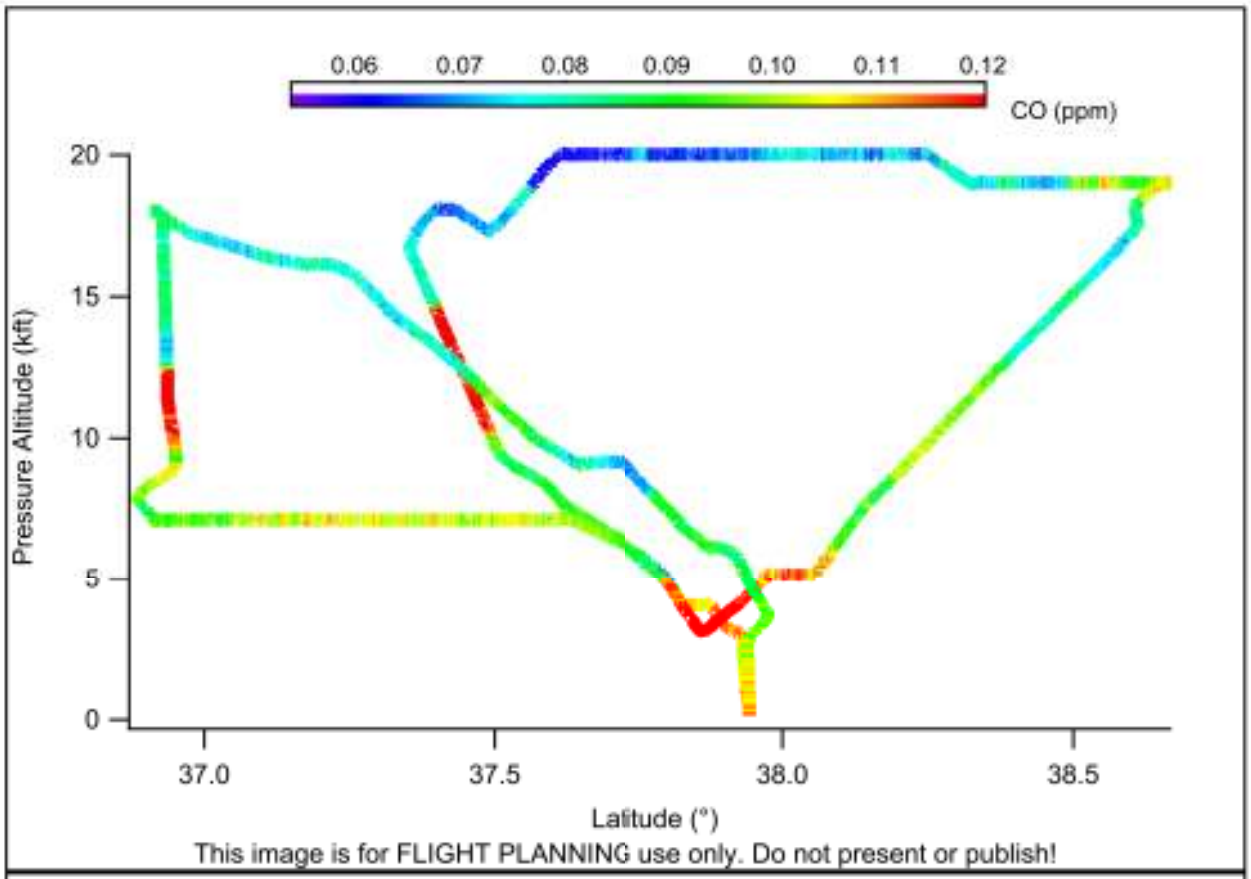
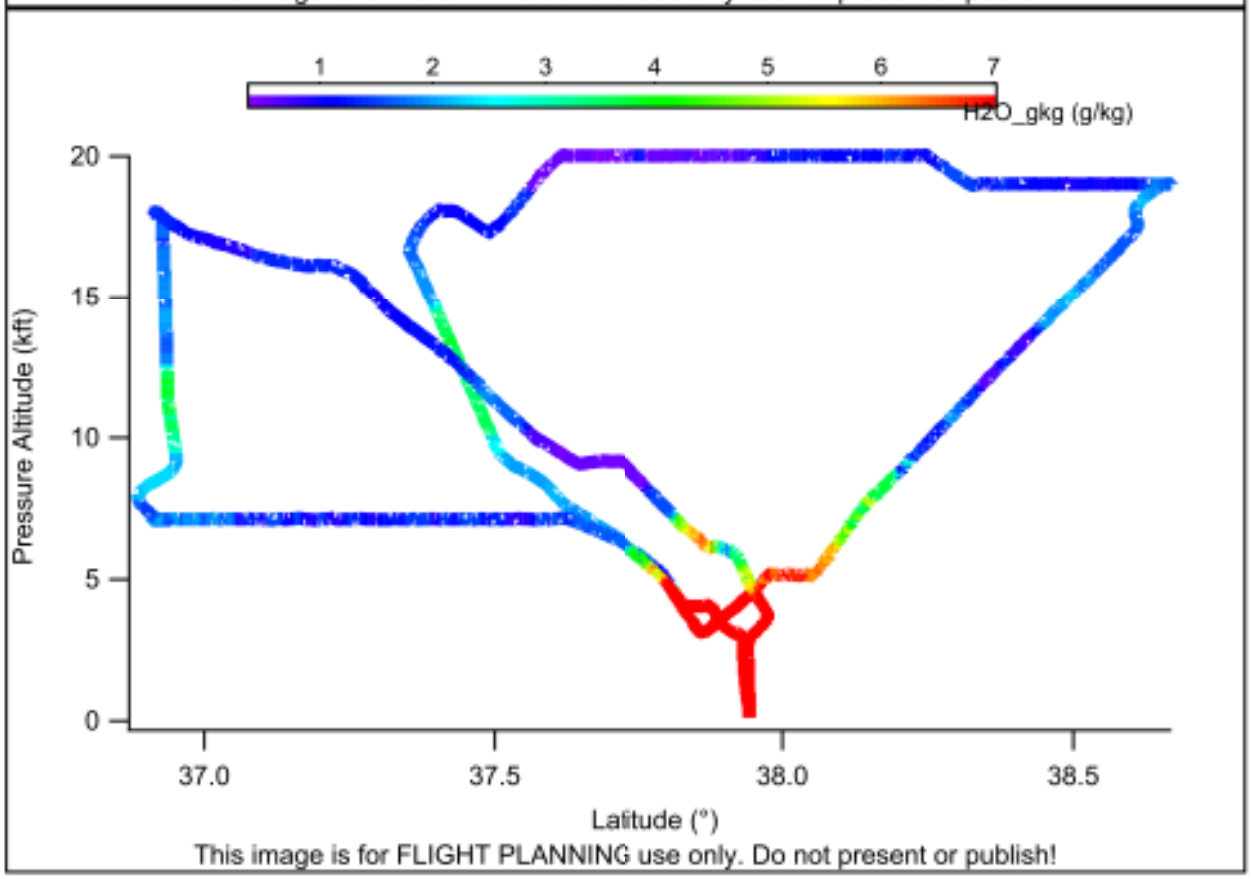
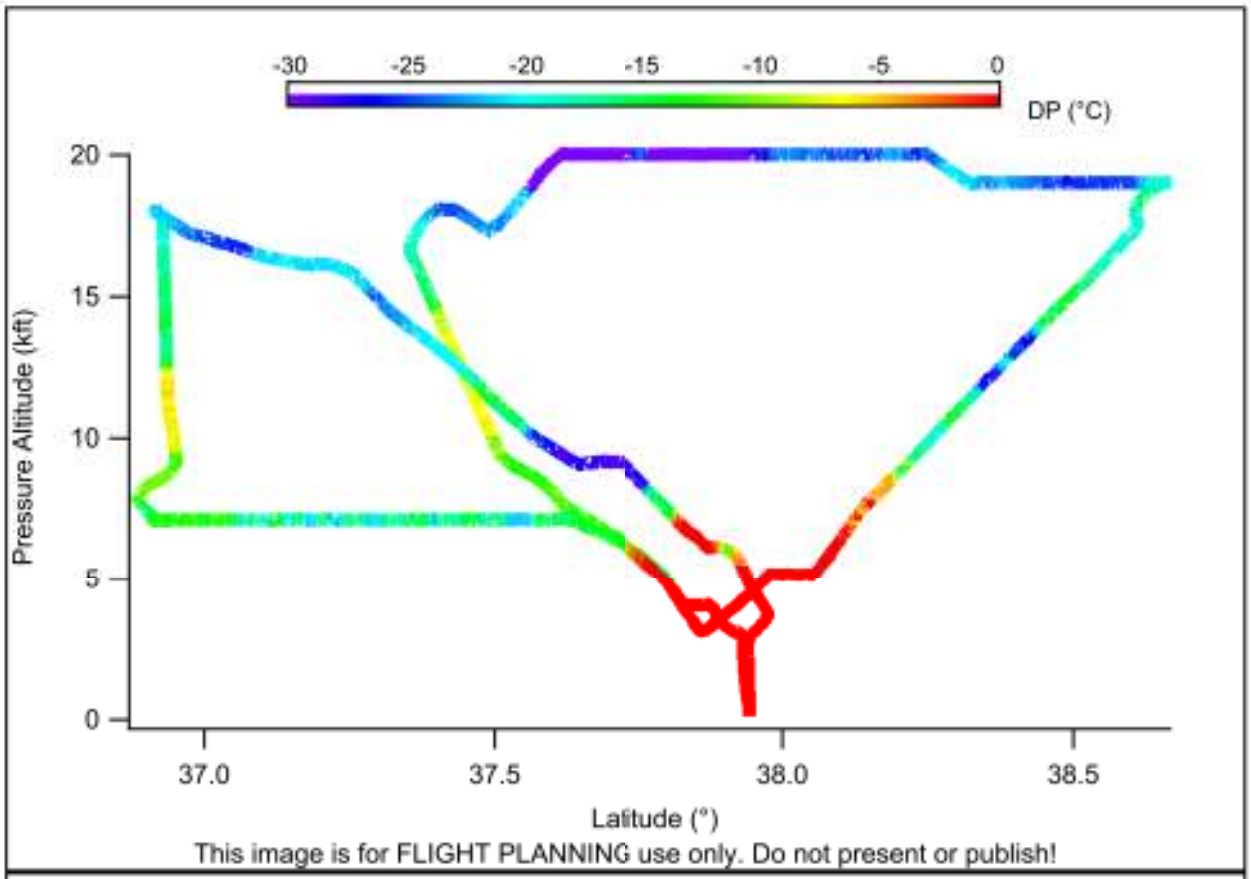
ACT-America 20170301

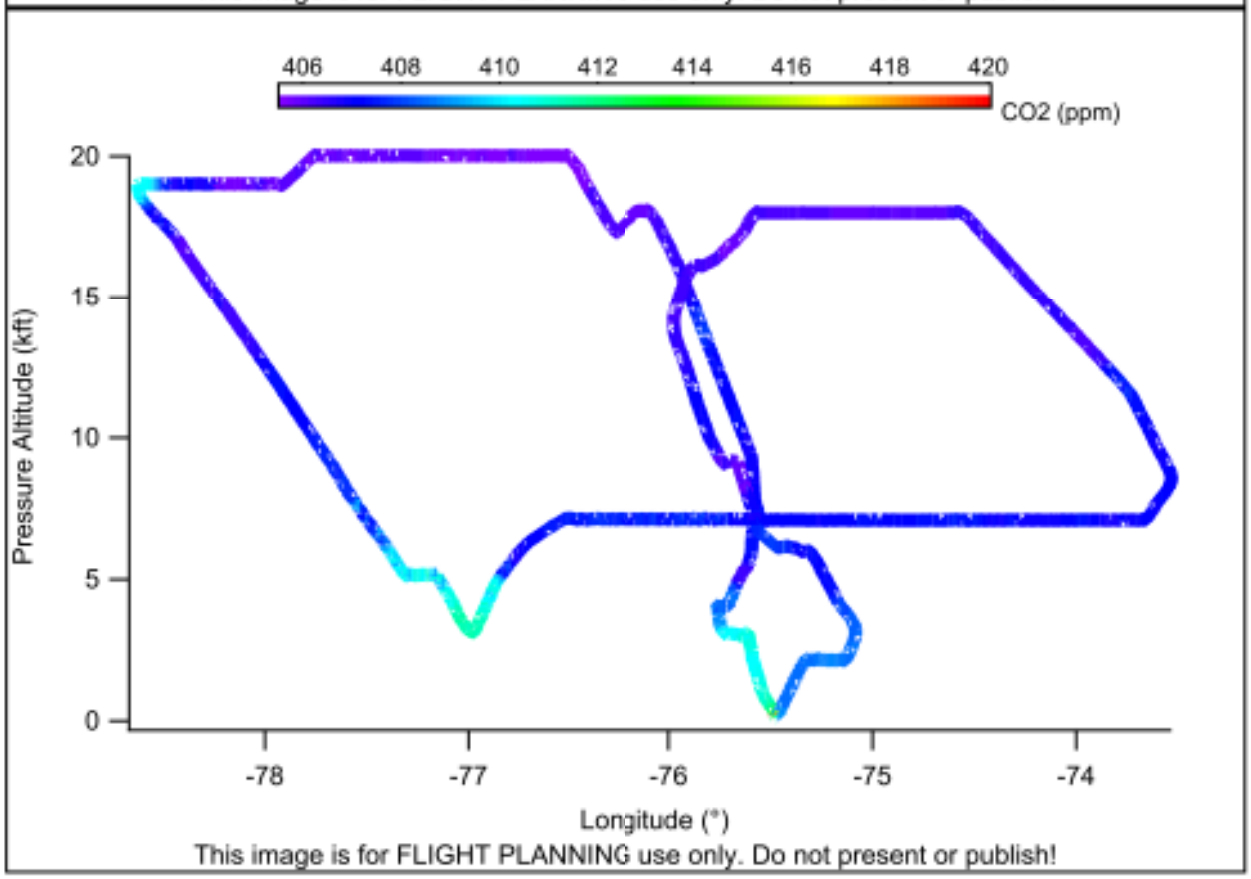

406
408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
37.0
37.5
38.0
38.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

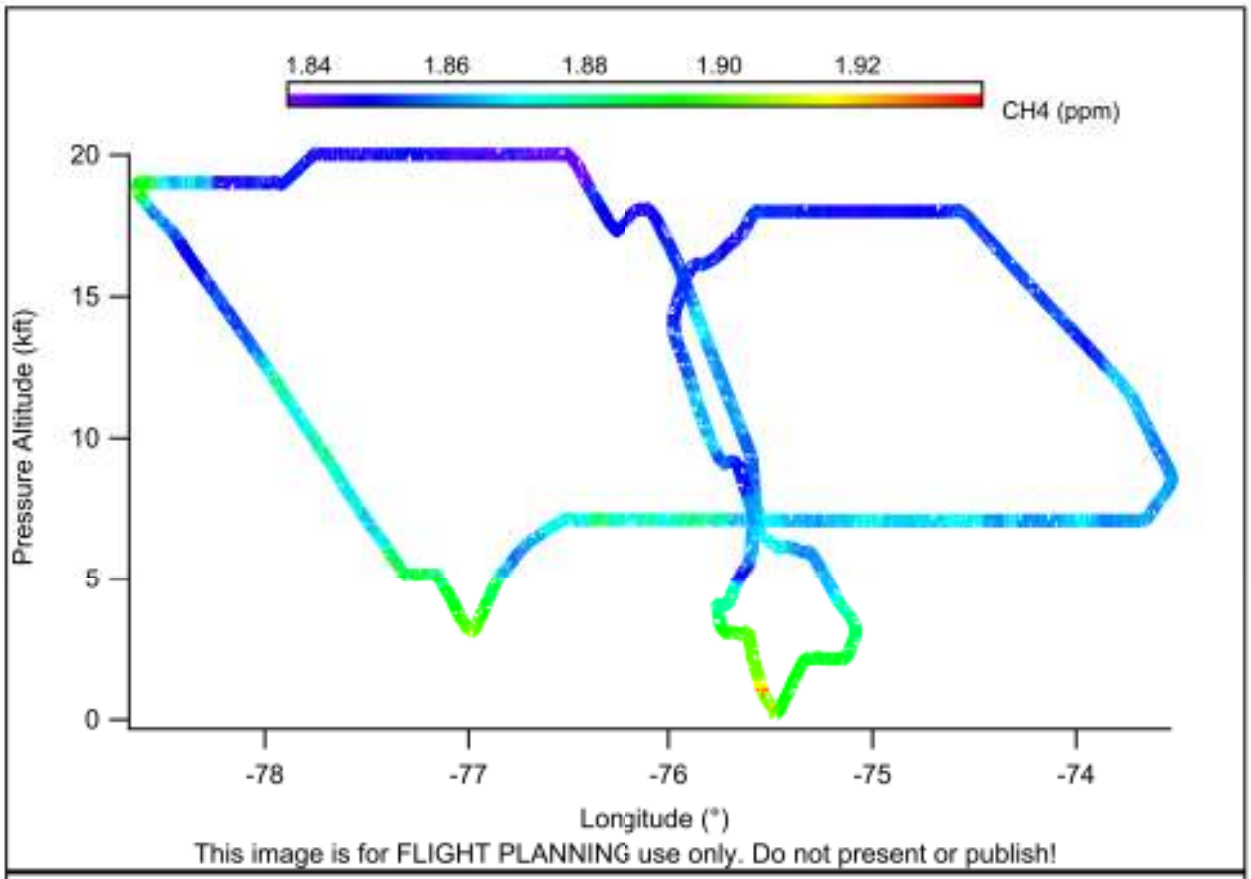

1.84
1.86
1.88
1.90
1.92
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
37.0
37.5
38.0
38.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

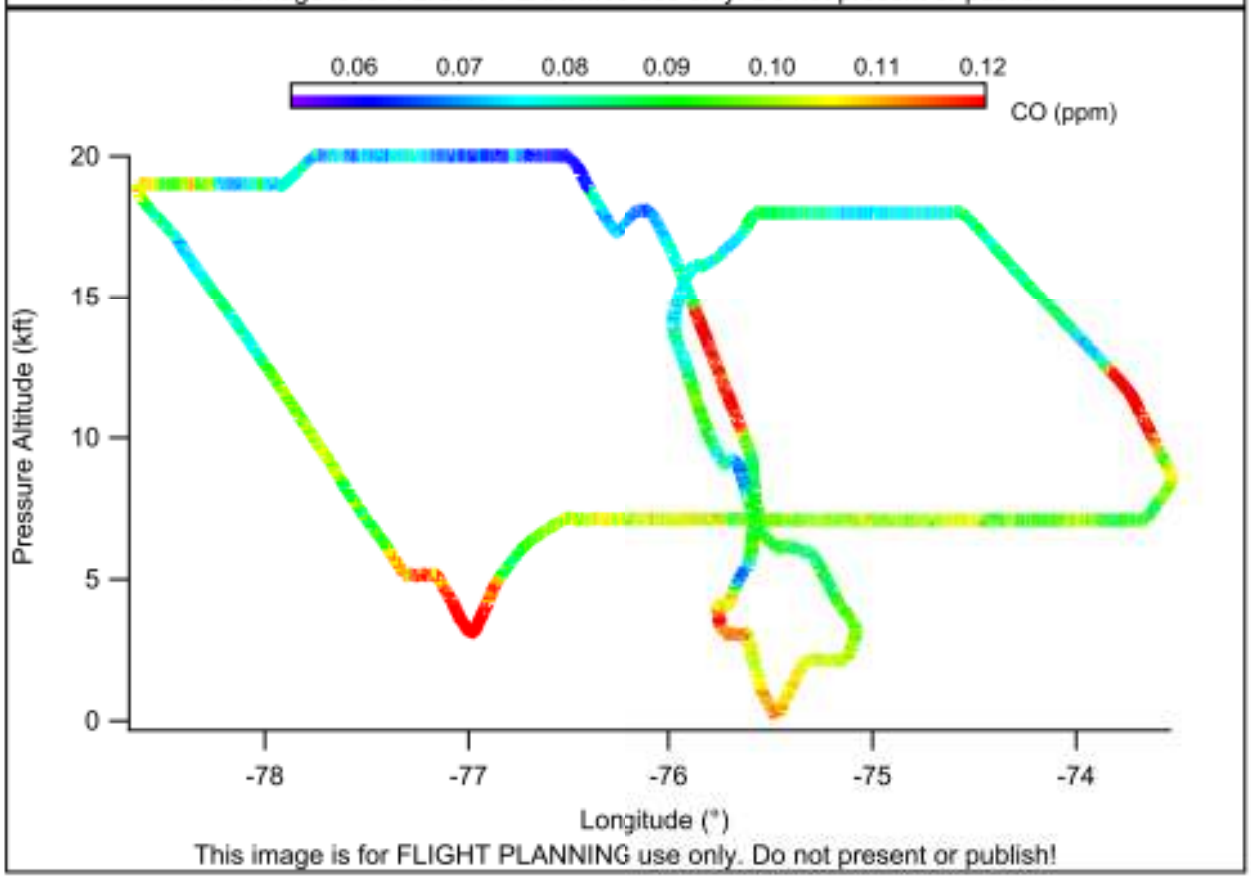

0.06
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
37.0
37.5
38.0
38.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

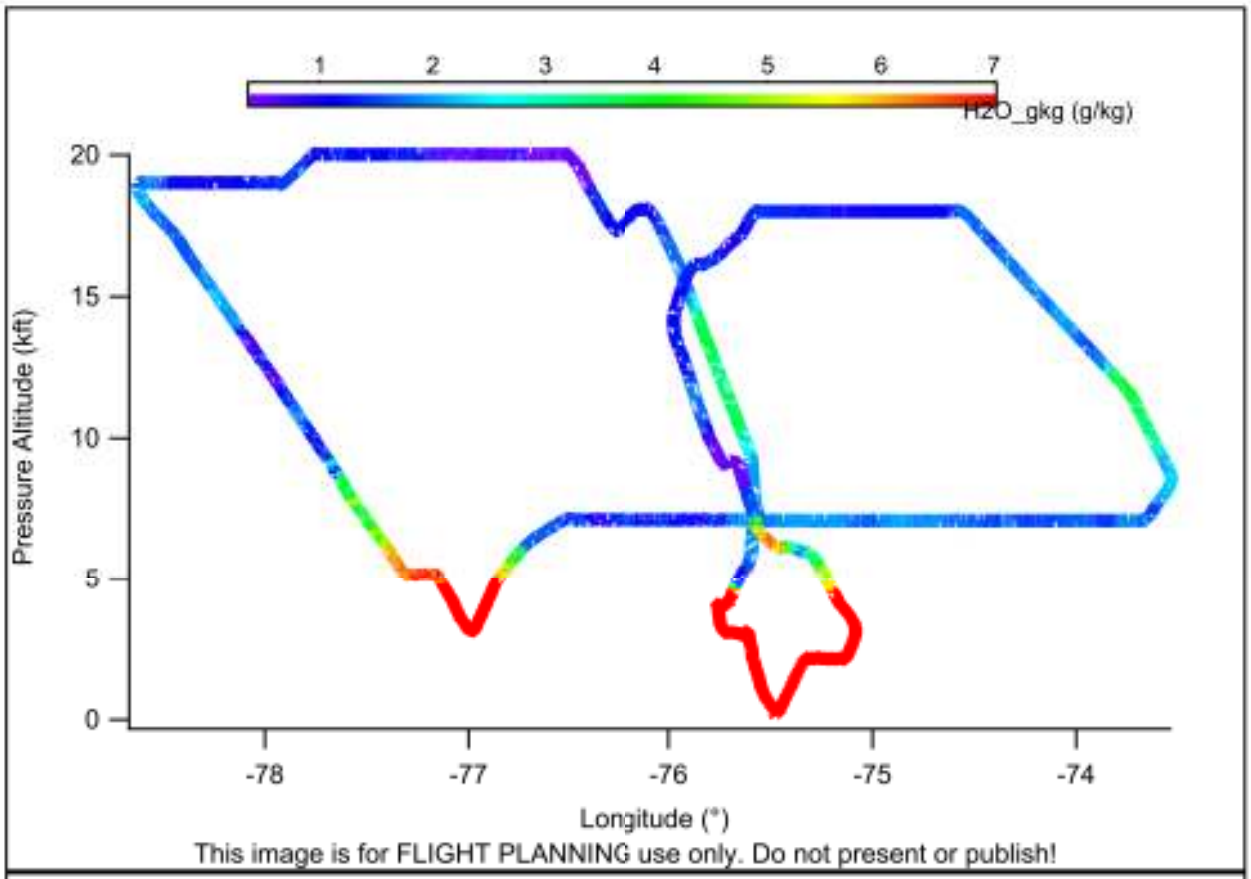

1
2
3
4
5
6
7
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
37.0
37.5
38.0
38.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

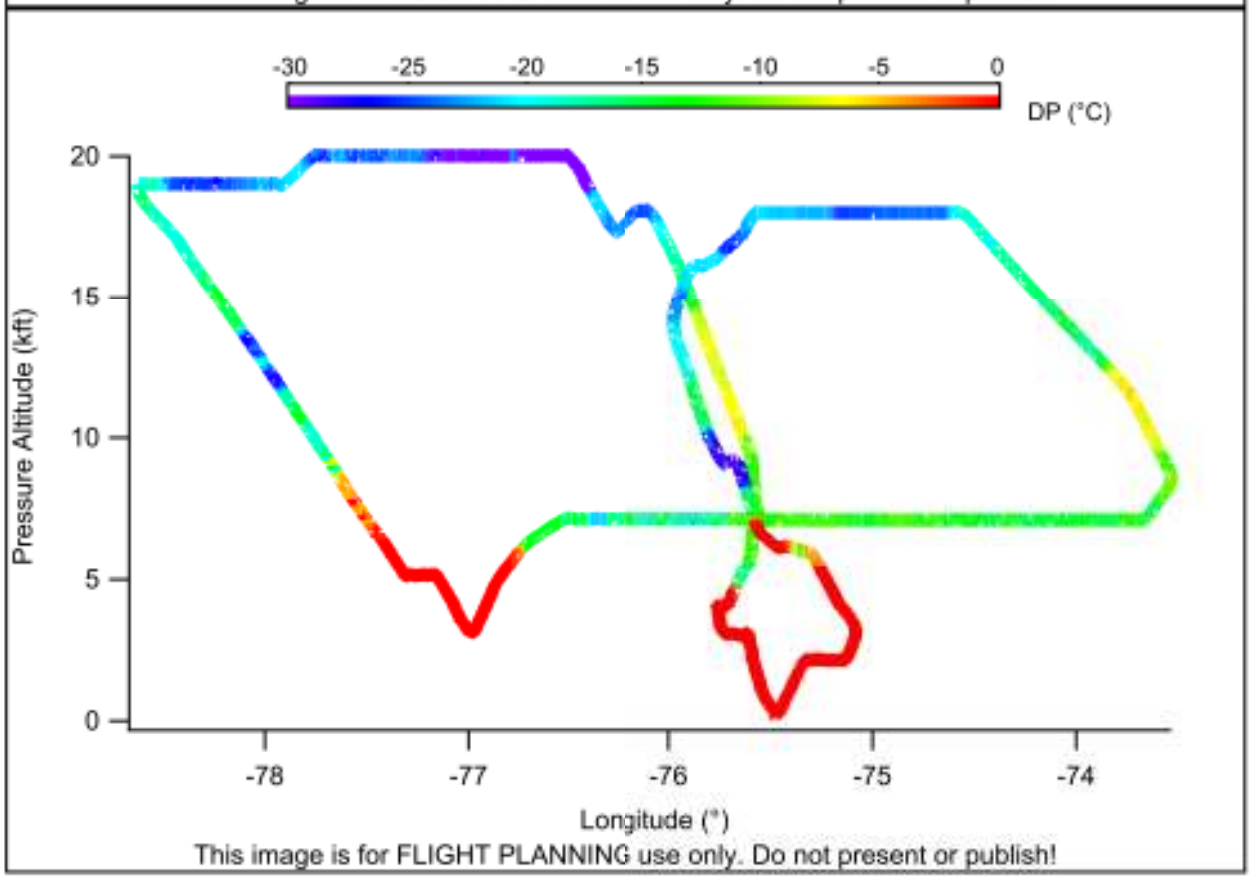

-30
-25
-20
-15
-10
-5
0
DP (°C)
20
15
10
5
0
Pressure Altitude (kft)
37.0
37.5
38.0
38.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

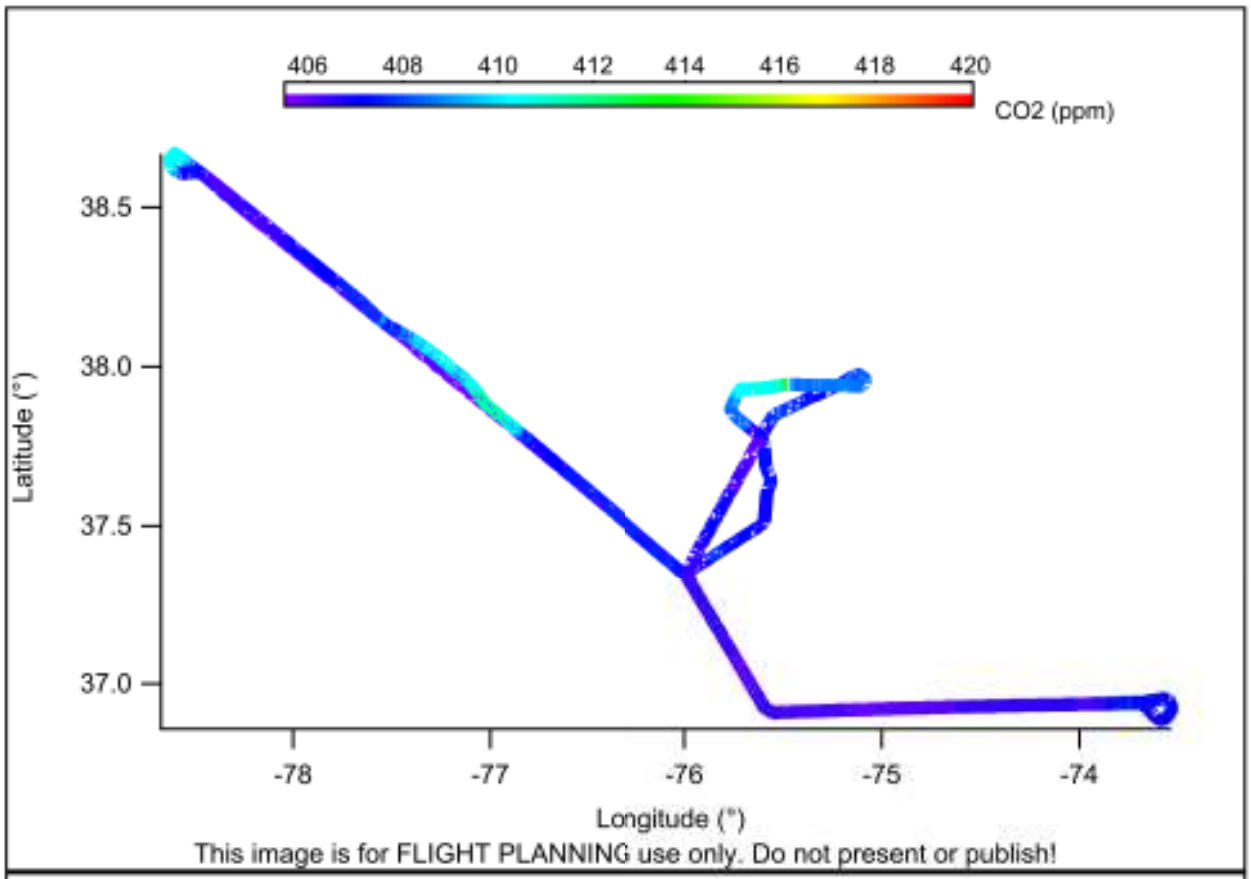

406
408
410
412
414
416
418
420
CO2 (ppm)
20
15
10
5
0
Pressure Altitude (kft)
-78
-77
-76
-75
-74
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

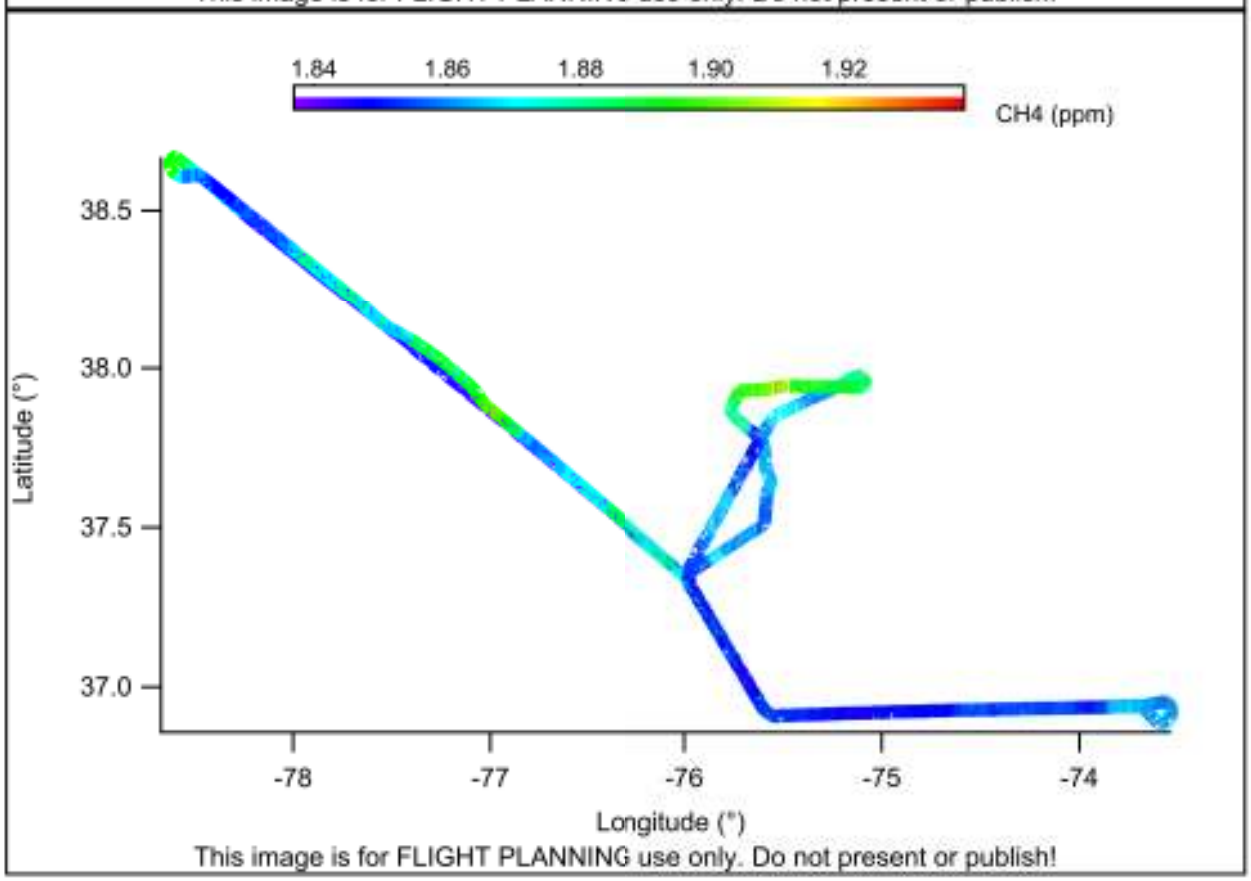

1.84
1.86
1.88
1.90
1.92
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-78
-77
-76
-75
-74
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

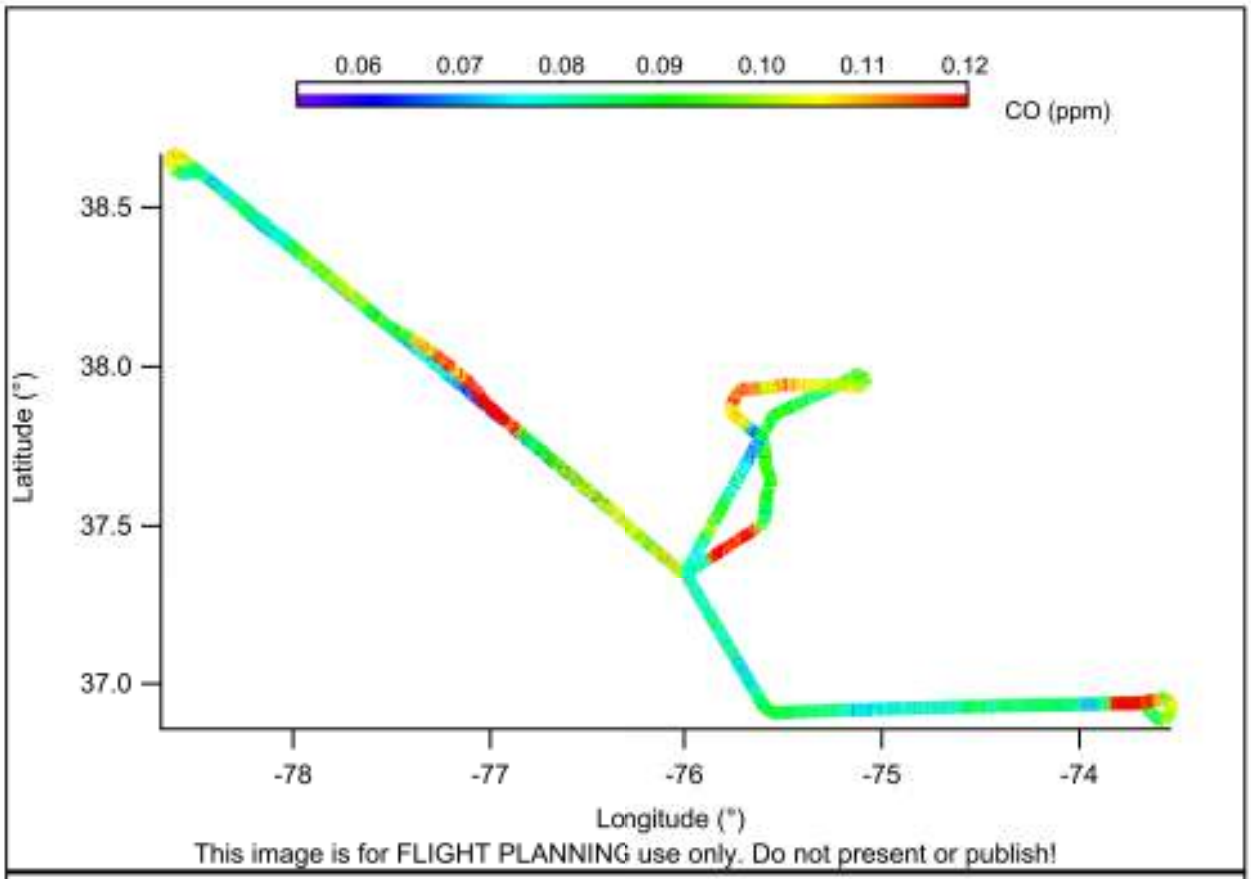

0.06
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-78
-77
-76
-75
-74
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

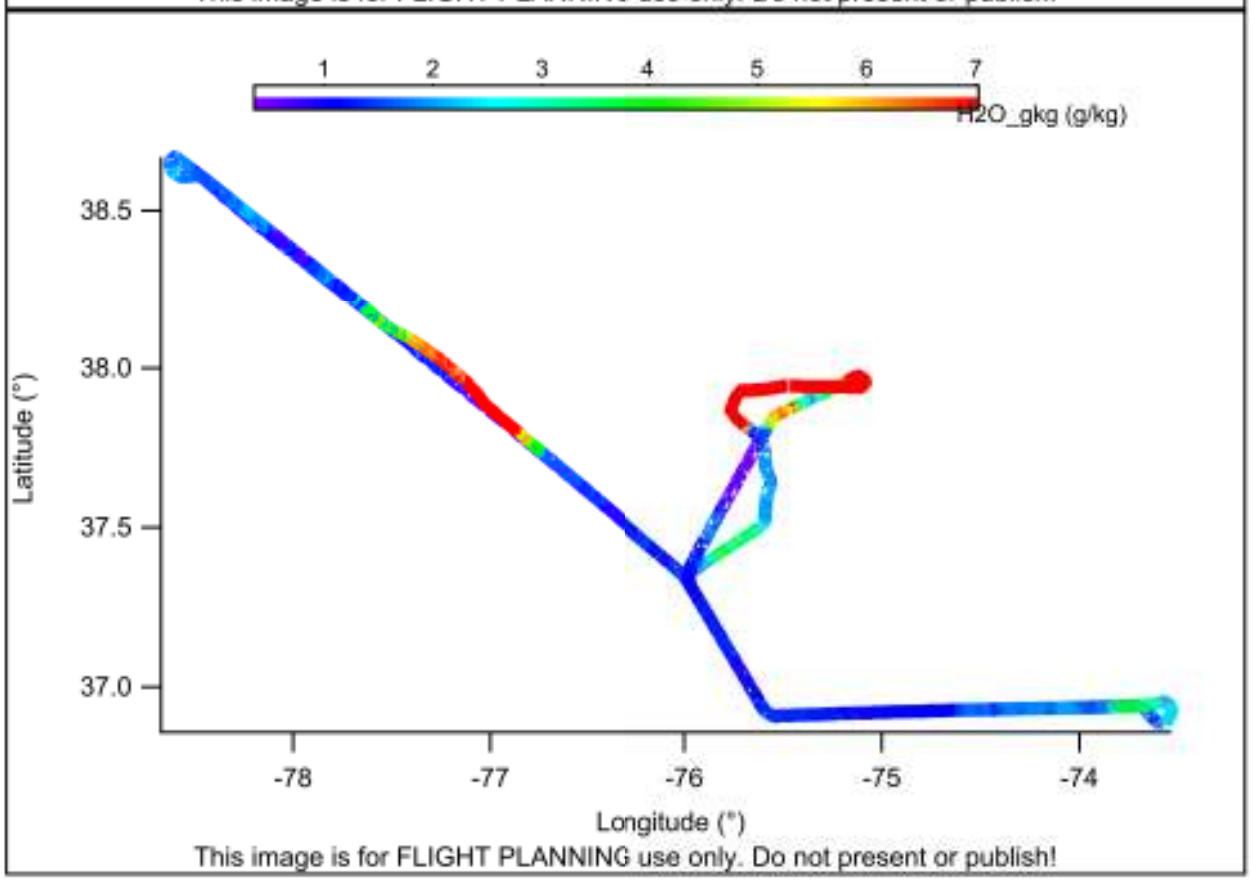

1
2
3
4
5
6
7
H2O_gkg (g/kg)
20
15
10
5
0
Pressure Altitude (kft)
-78
-77
-76
-75
-74
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

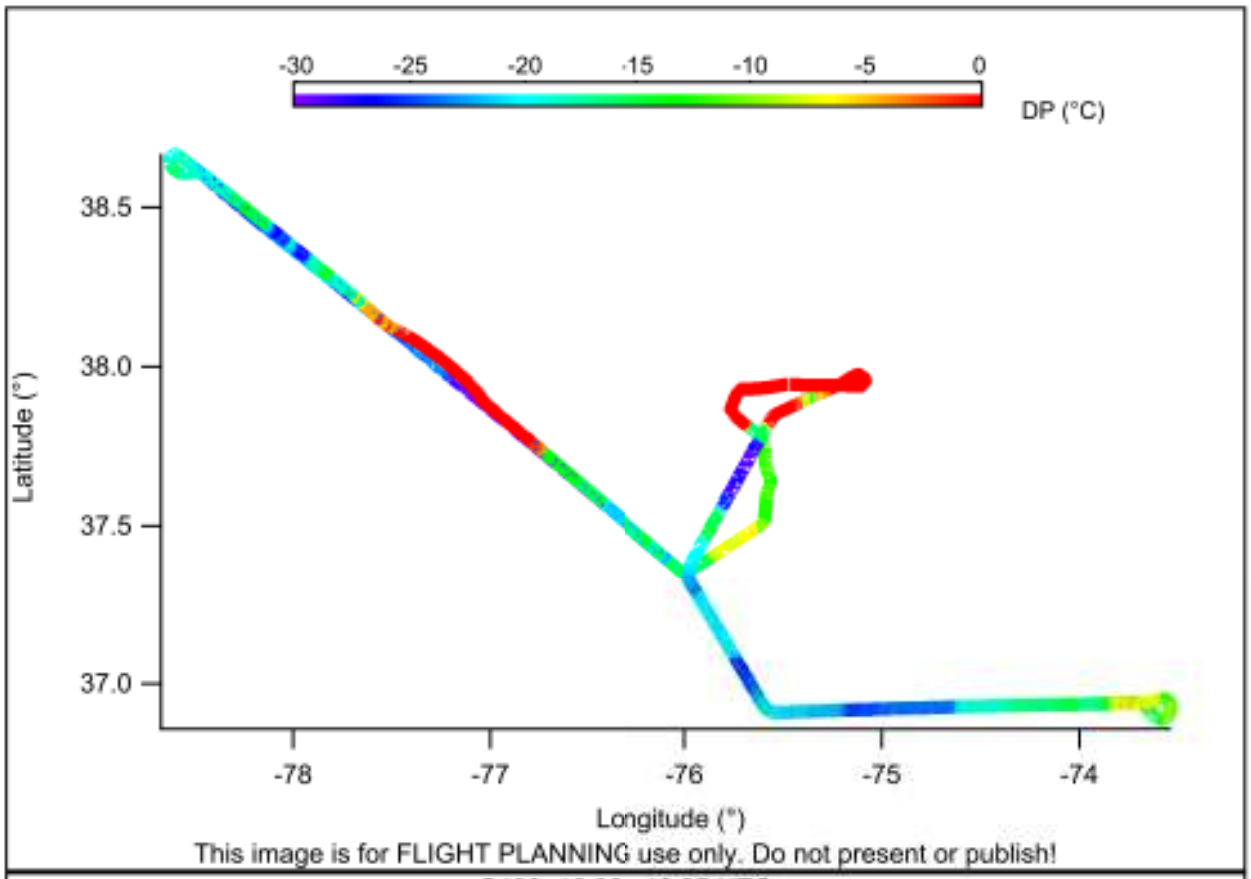

-30
-25
-20
-15
-10
-5
0
DP (°C)
20
15
10
5
0
Pressure Altitude (kft)
-78
-77
-76
-75
-74
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

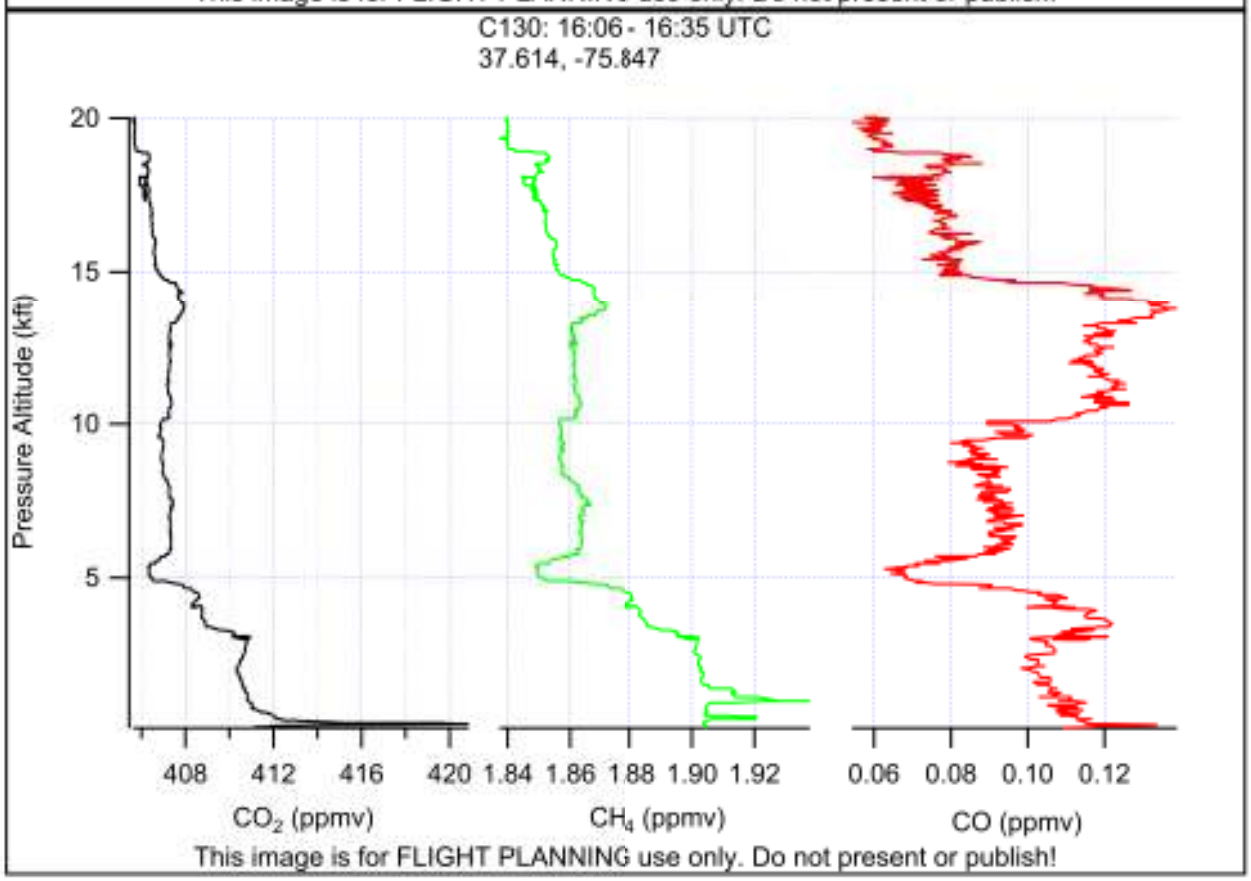

406
408
410
412
414
416
418
420
CO2 (ppm)
38.5
38.0
37.5
37.0
Latitude (°)
-78
-77
-76
-75
-74
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

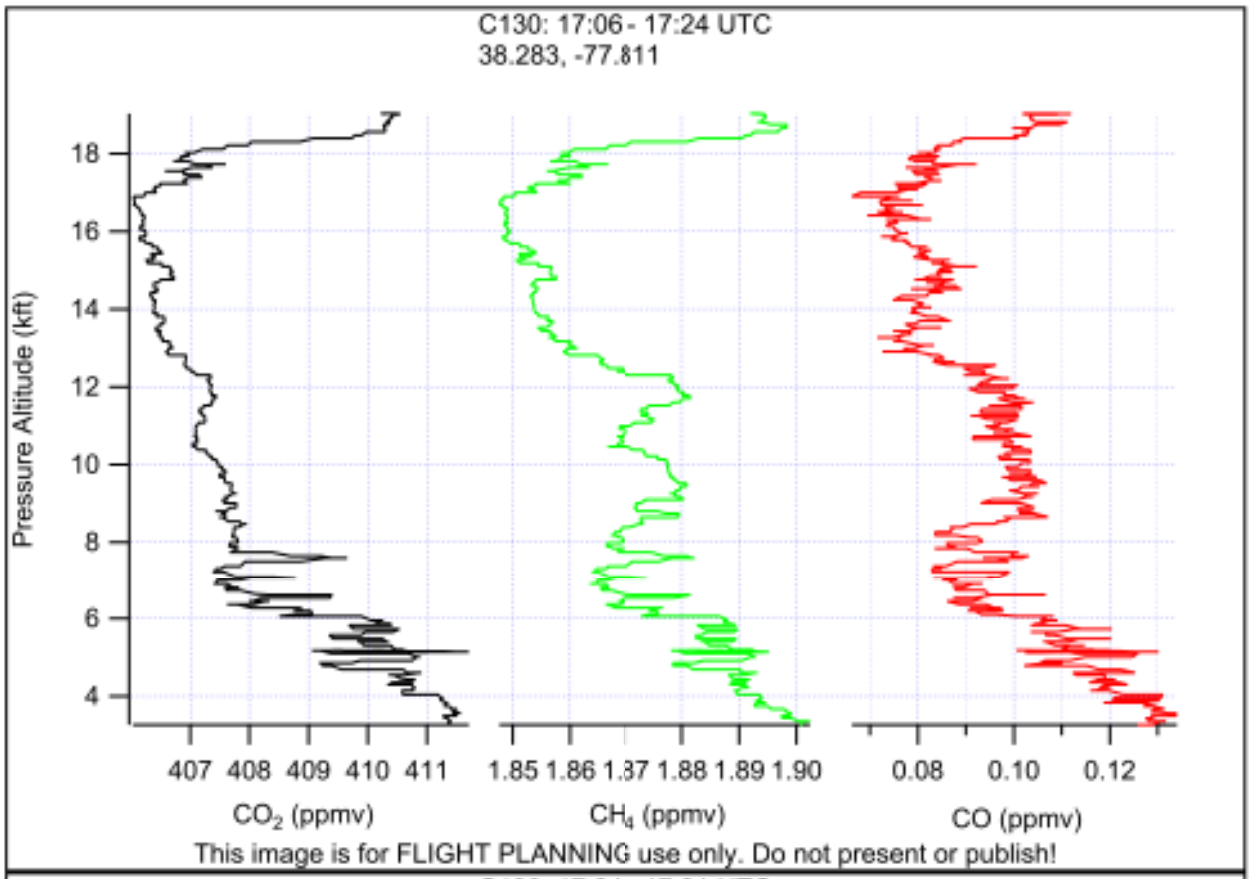

1.84
1.86
1.88
1.90
1.92
CH4 (ppm)
38.5
38.0
37.5
37.0
Latitude (°)
-78
-77
-76
-75
-74
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

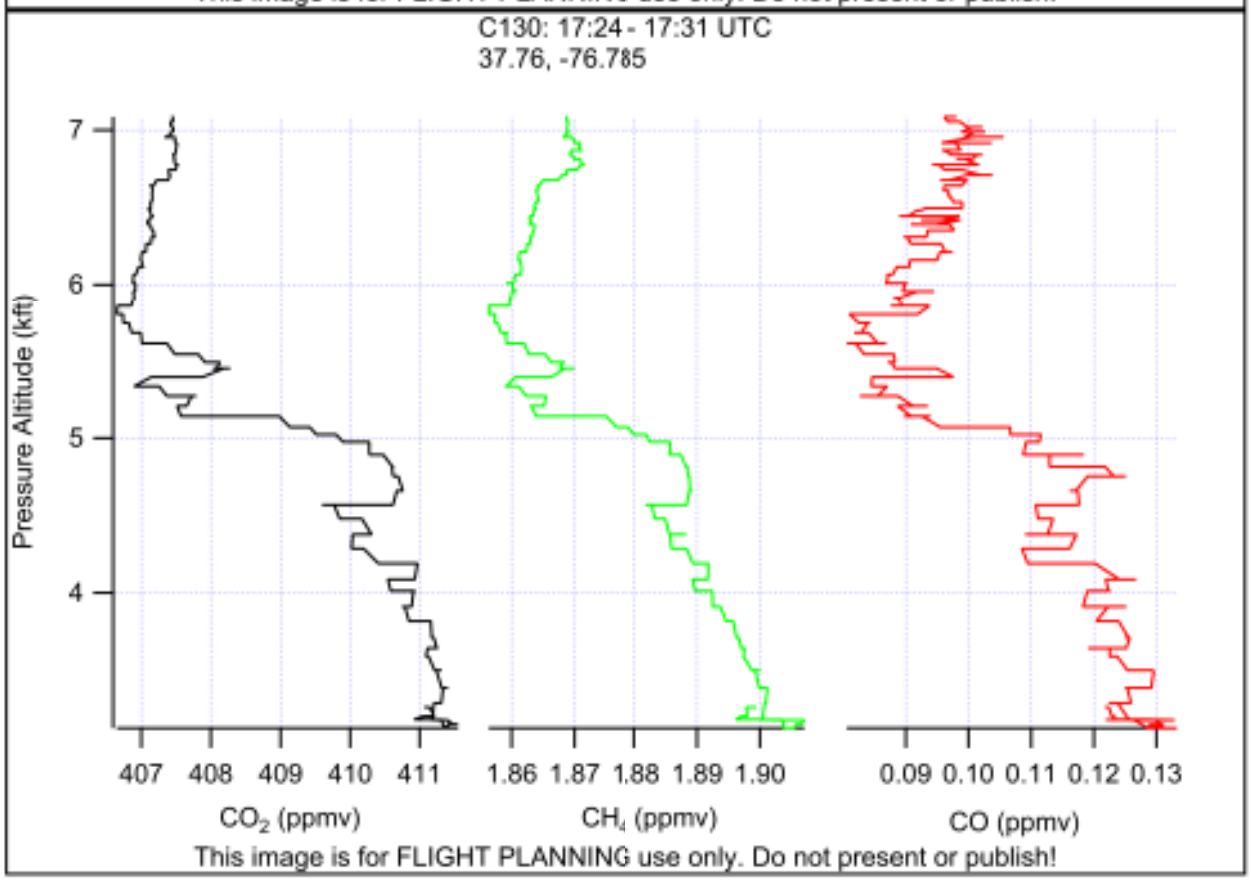

0.06
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
38.5
38.0
37.5
37.0
Latitude (°)
-78
-77
-76
-75
-74
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1
2
3
4
5
6
7
H2O_gkg (g/kg)
38.5
38.0
37.5
37.0
Latitude (°)
-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)
38.5
38.0
37.5
37.0
Latitude (°)
-78
-77
-76
-75
-74
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:06 - 16:35 UTC
37.614, -75.847
20
15
10
5
Pressure Altitude (kft)
408
412
416
420
CO2 (ppmv)
1.84
1.86
1.88
1.90
1.92
CH4 (ppmv)
0.06
0.08
0.10
0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:06 - 17:24 UTC
38.283, -77.811
Pressure Altitude (kft)
18
16
14
12
10
8
6
4
407 408 409 410 411
CO2 (ppmv)
1.85 1.86 1.87 1.88 1.89 1.90
CH4 (ppmv)
0.08 0.10 0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:24 - 17:31 UTC
37.76, -76.785
Pressure Altitude (kft)
7
6
5
4
407 408 409 410 411
CO2 (ppmv)
1.86 1.87 1.88 1.89 1.90
CH4 (ppmv)
0.09 0.10 0.11 0.12 0.13
CO (ppmv)
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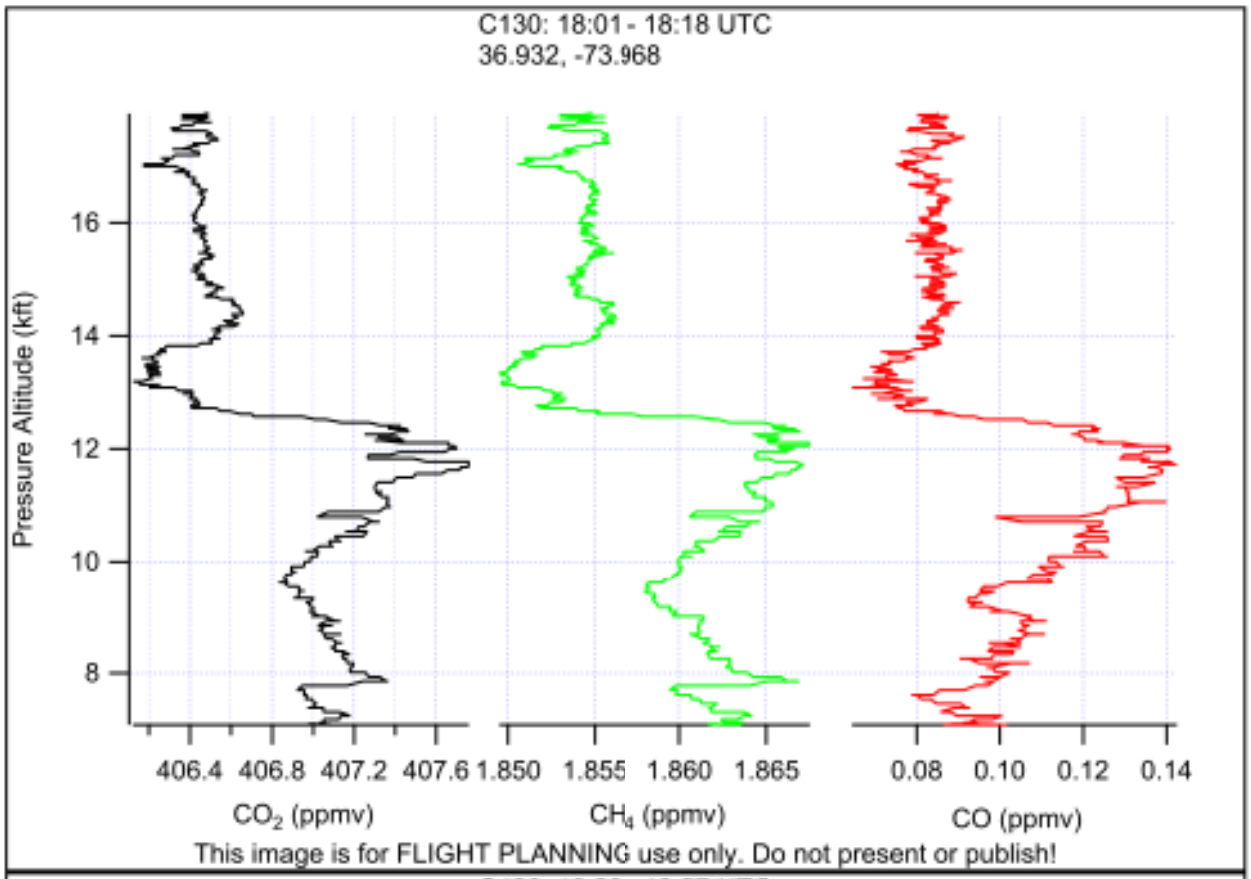
C130: 18:01 - 18:18 UTC
36.932, -73.968
Pressure Altitude (kft)
16
14
12
10
8
406.4 406.8 407.2 407.6
CO2 (ppmv)
1.850 1.855 1.860 1.865
CH4 (ppmv)
0.08 0.10 0.12 0.14
CO (ppmv)
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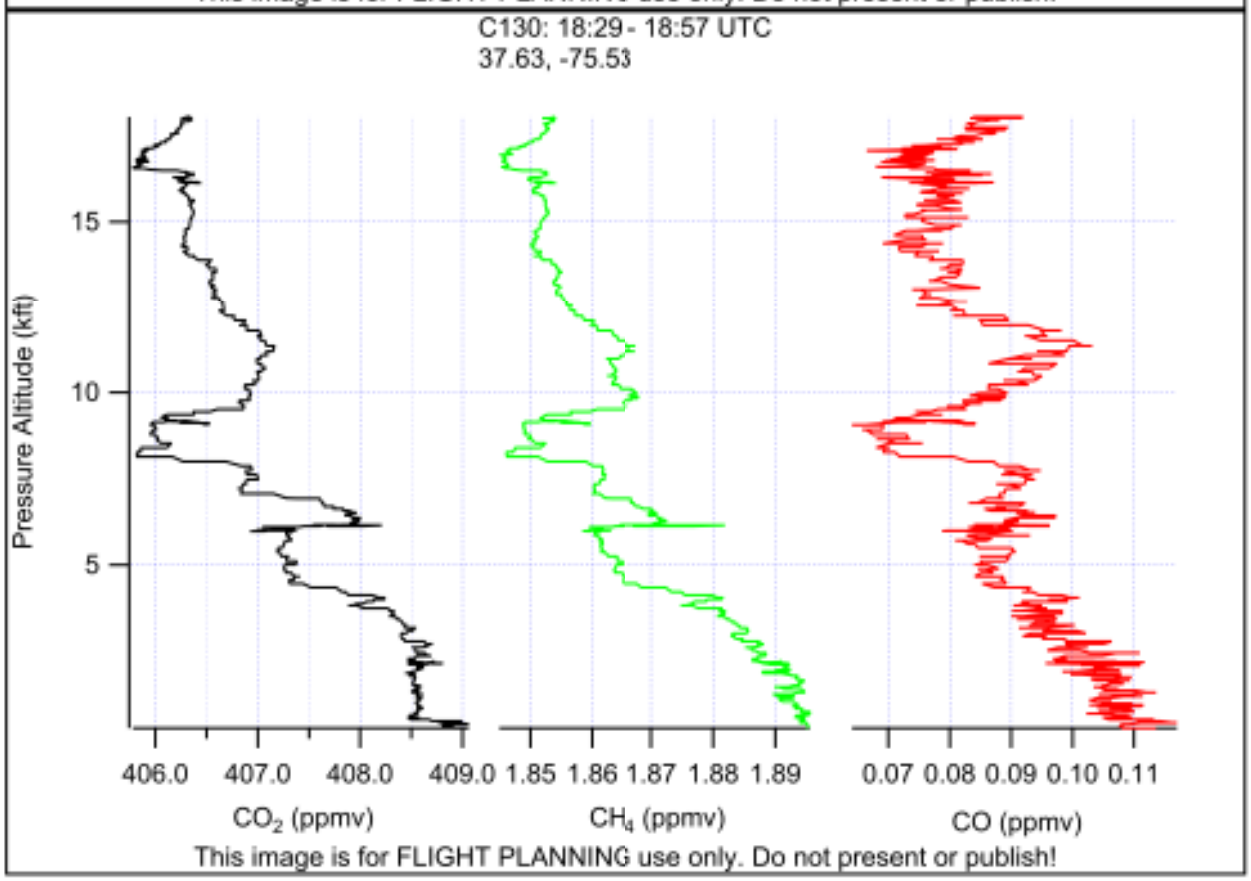
C130: 18:29 - 18:57 UTC
37.63, -75.53
Pressure Altitude (kft)
15
10
5
406.0 407.0 408.0 409.0
CO2 (ppmv)
1.85 1.86 1.87 1.88 1.89
CH4 (ppmv)
0.07 0.08 0.09 0.10 0.11
CO (ppmv)
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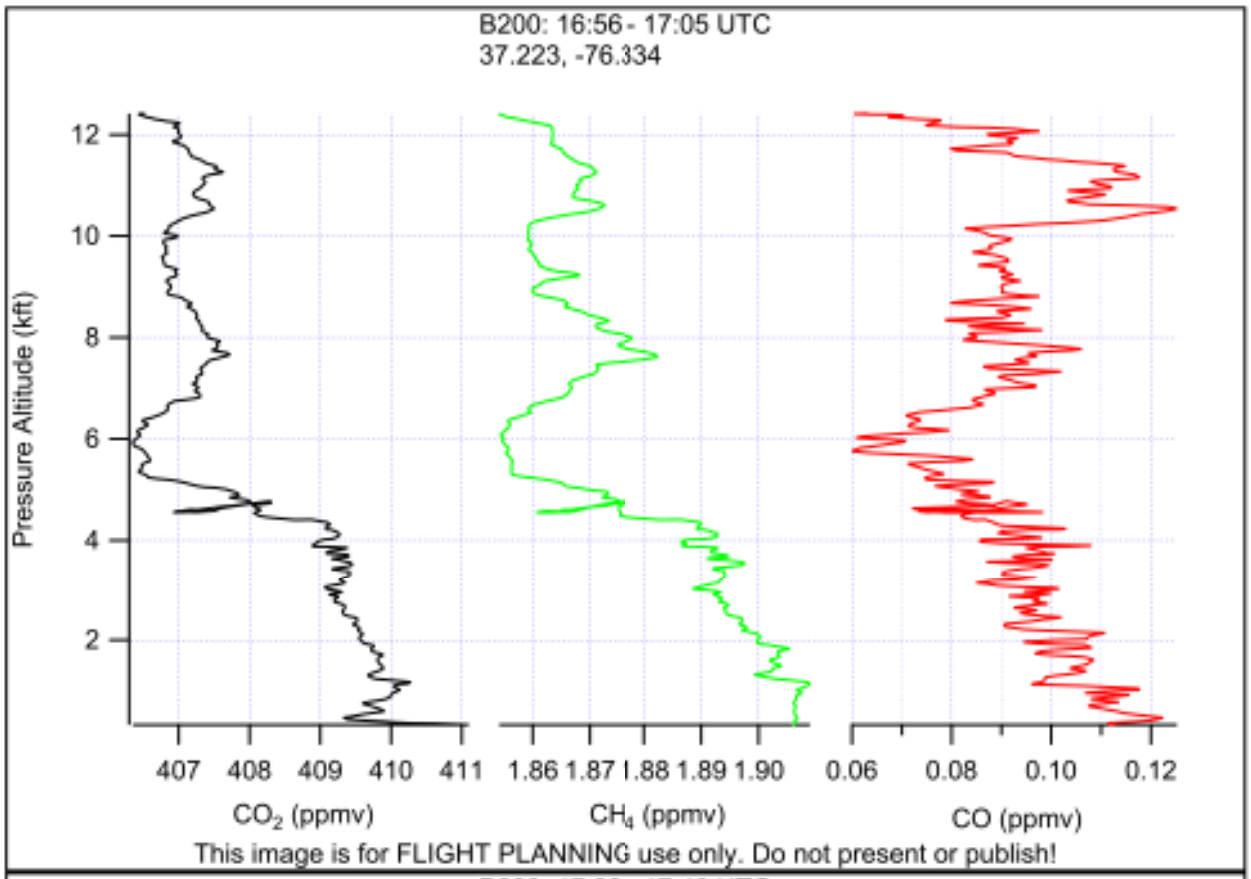
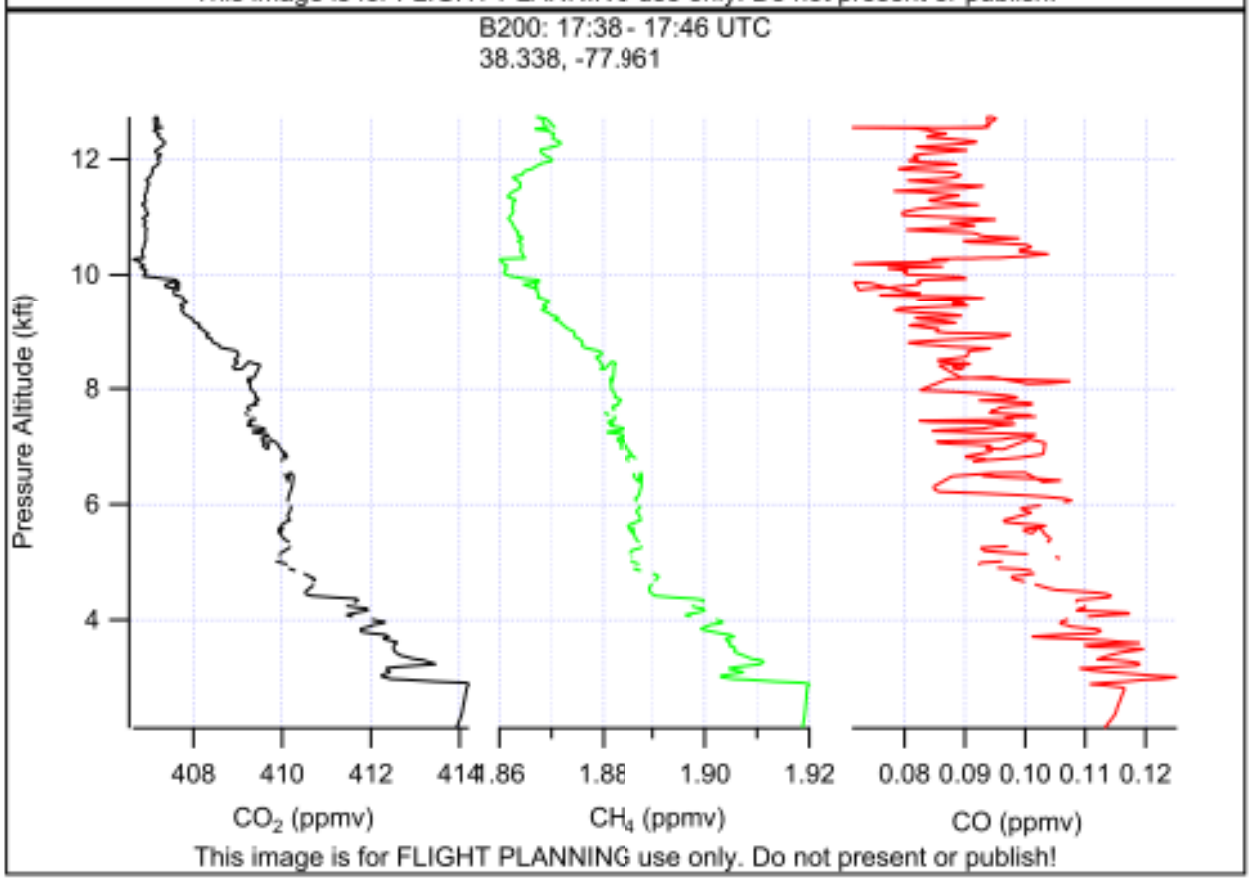
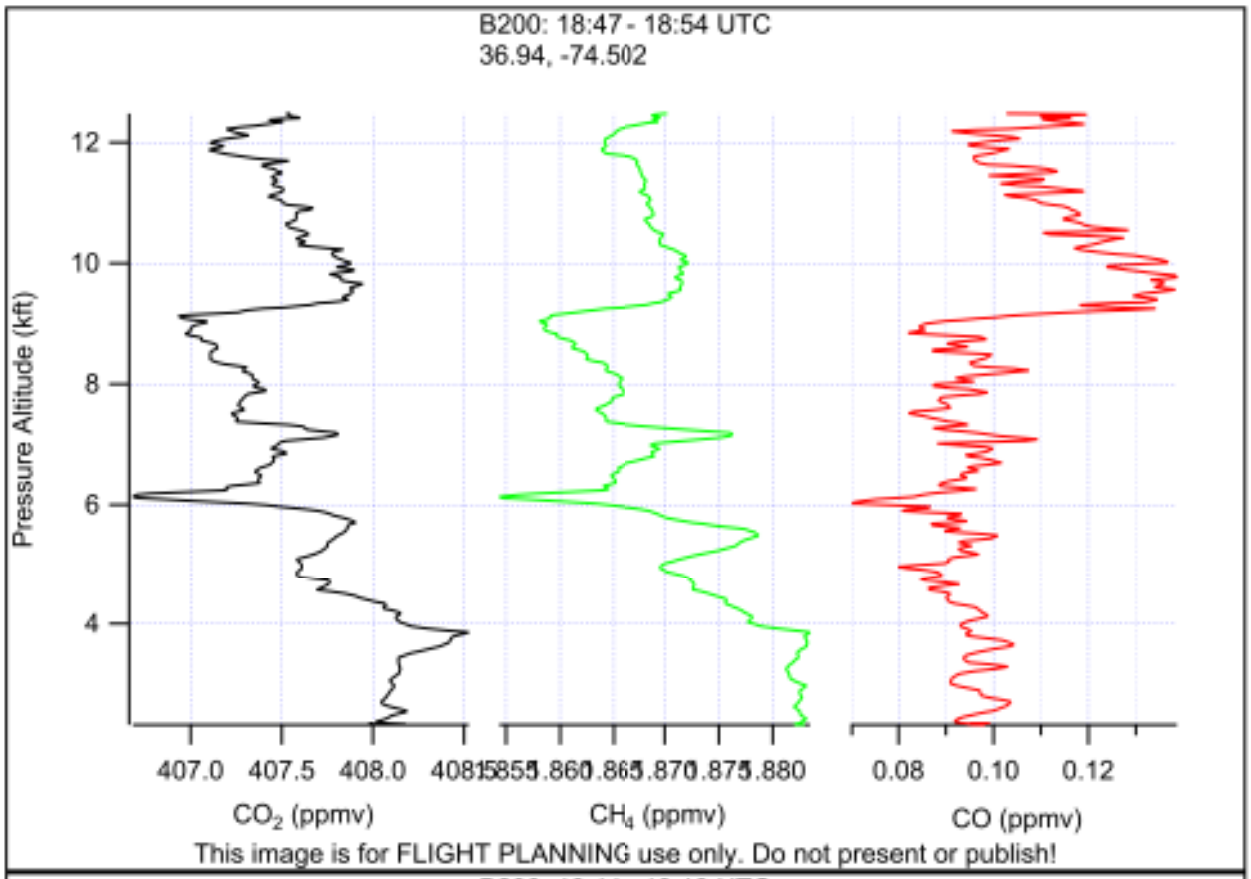
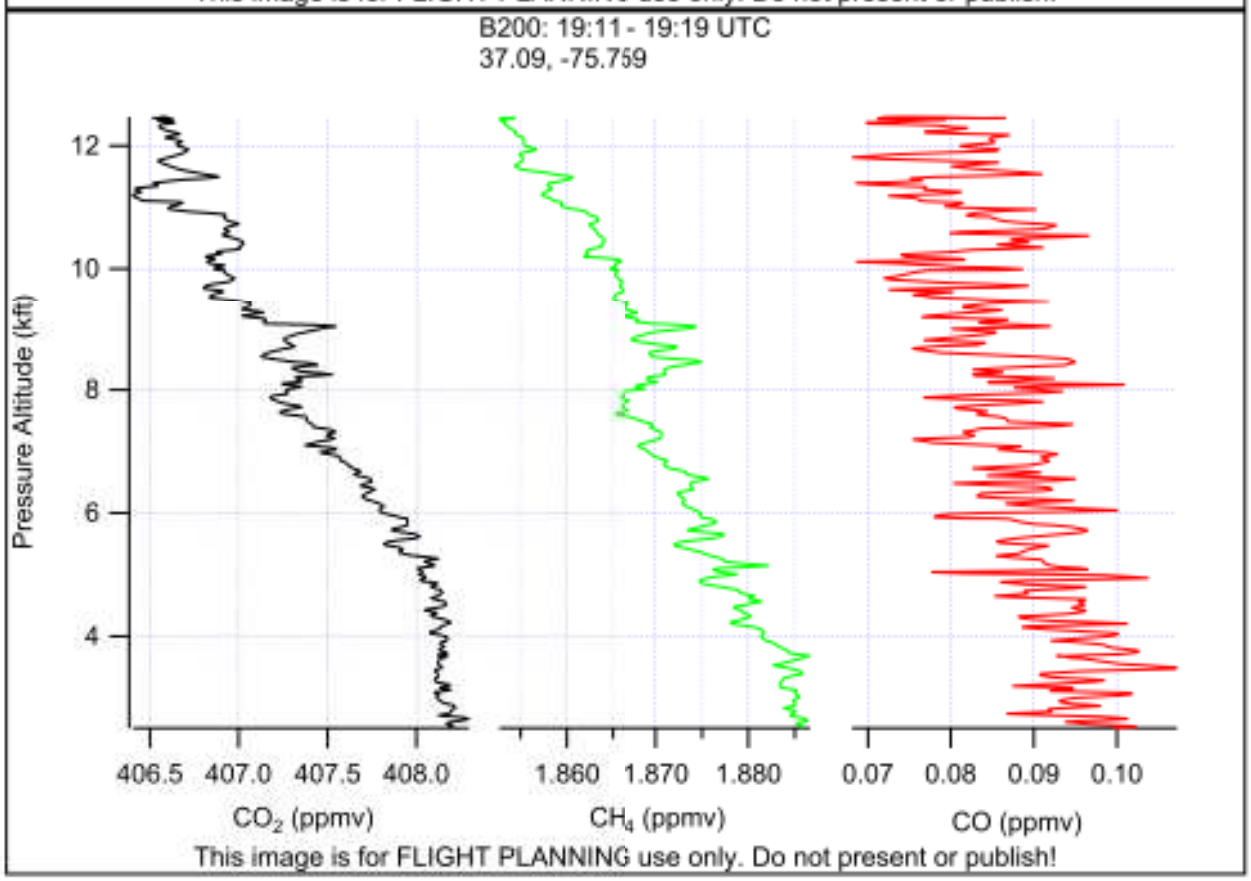
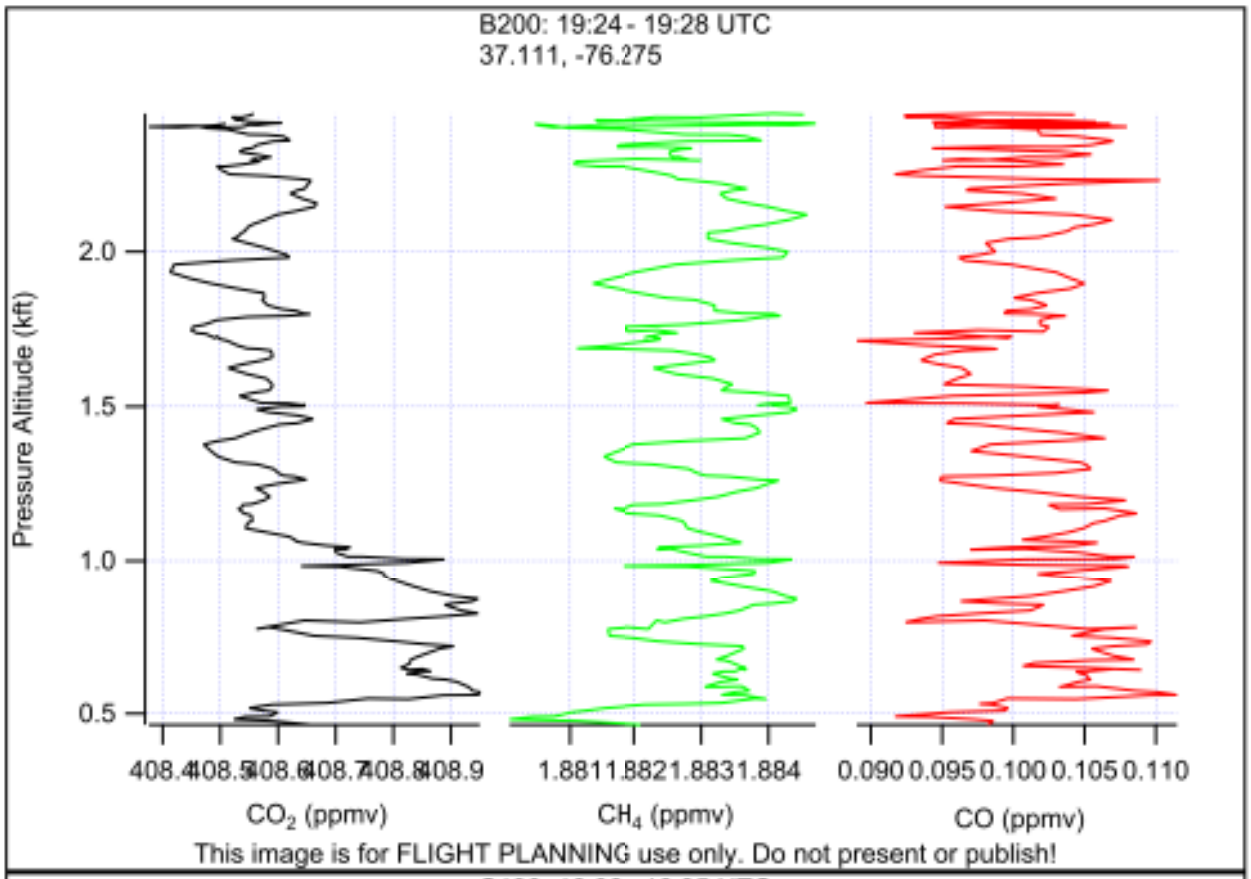
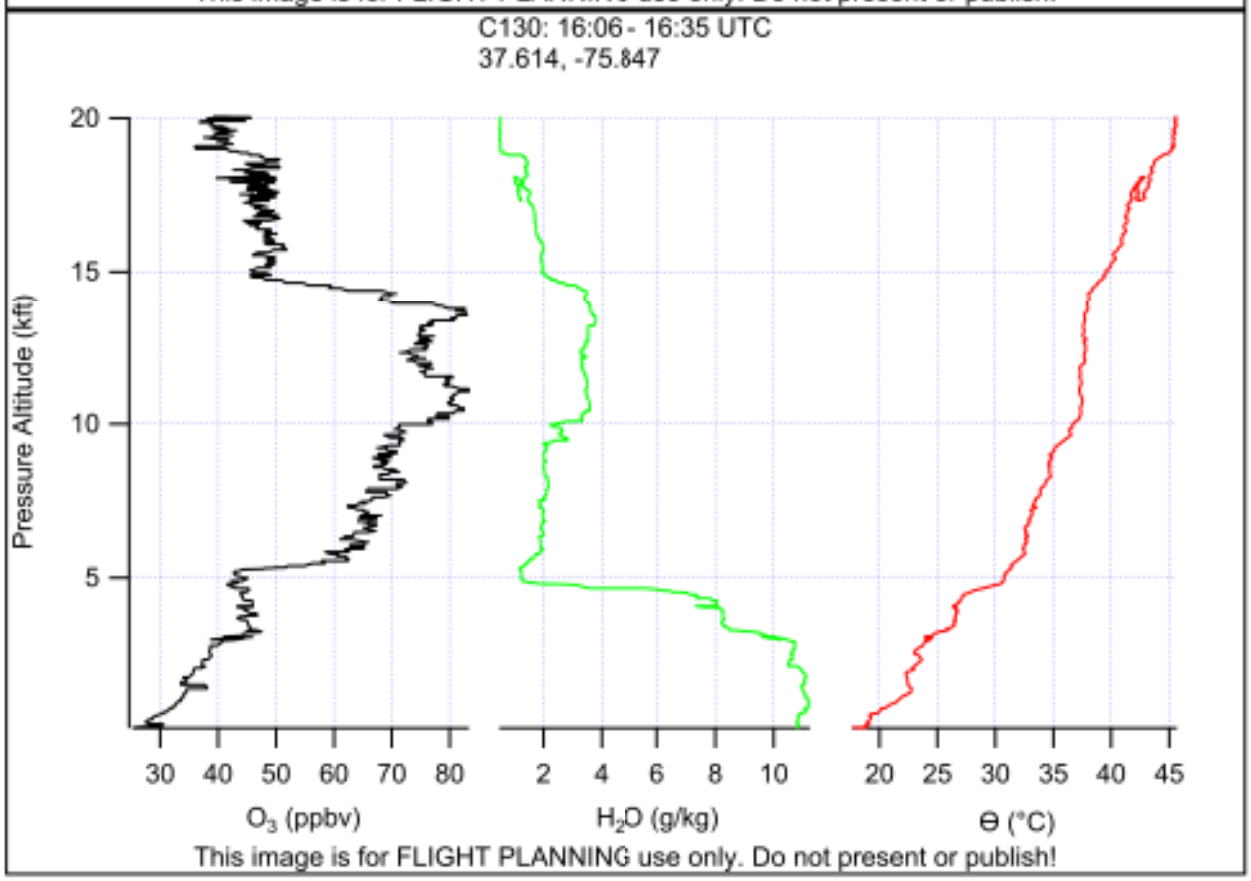

B200: 16:56 - 17:05 UTC
37.223, -76.334
Pressure Altitude (kft)
12
10
8
6
4
2
407 408 409 410 411
CO2 (ppmv)
1.86 1.87 1.88 1.89 1.90
CH4 (ppmv)
0.06 0.08 0.10 0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

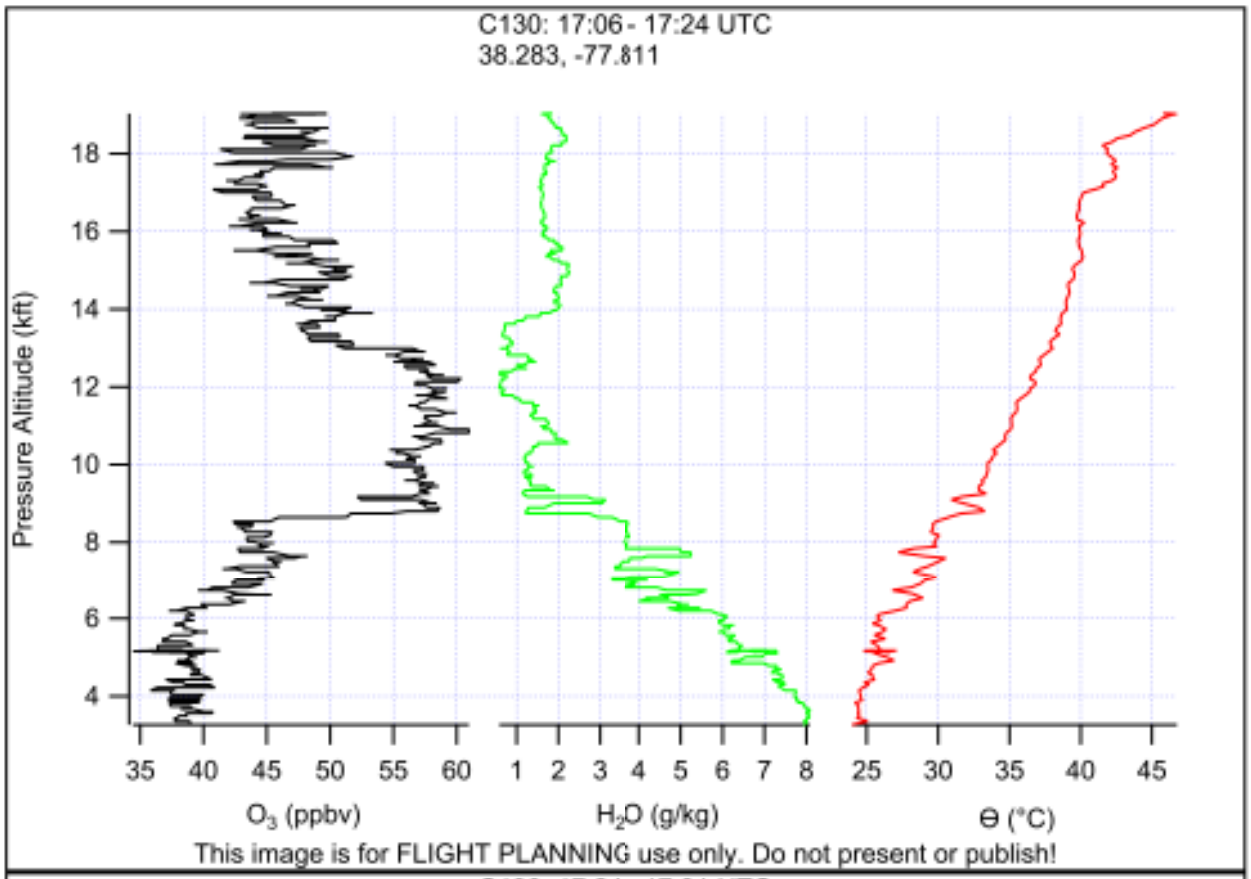

B200: 17:38 - 17:46 UTC
38.338, -77.961
Pressure Altitude (kft)
12
10
8
6
4
408 410 412 414
CO2 (ppmv)
1.86 1.88 1.90 1.92
CH4 (ppmv)
0.08 0.09 0.10 0.11 0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

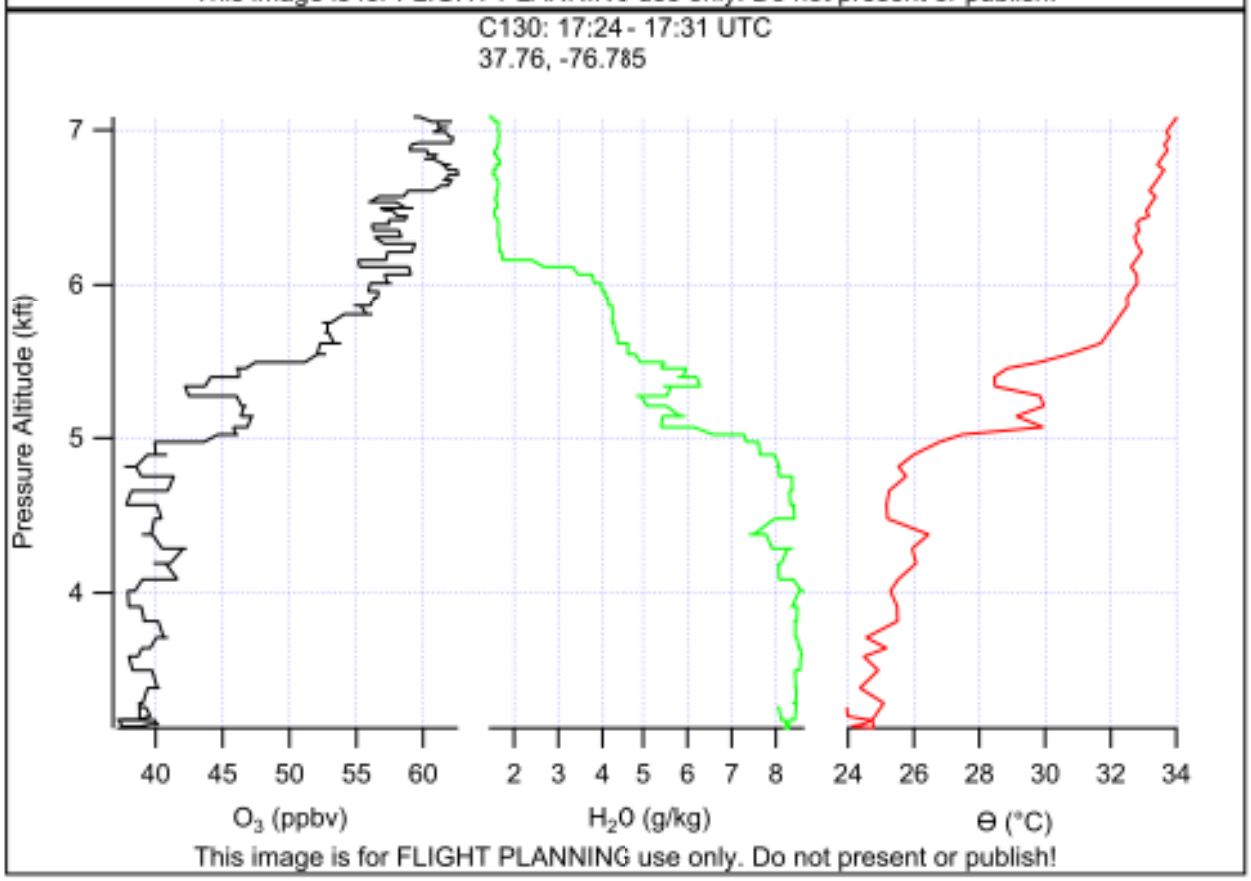

B200: 18:47 - 18:54 UTC
36.94, -74.502
Pressure Altitude (kft)
12
10
8
6
4
407.0
407.5
408.0
1.860
1.865
1.870
1.875
1.880
0.08
0.10
0.12
CO2 (ppmv)
CH4 (ppmv)
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

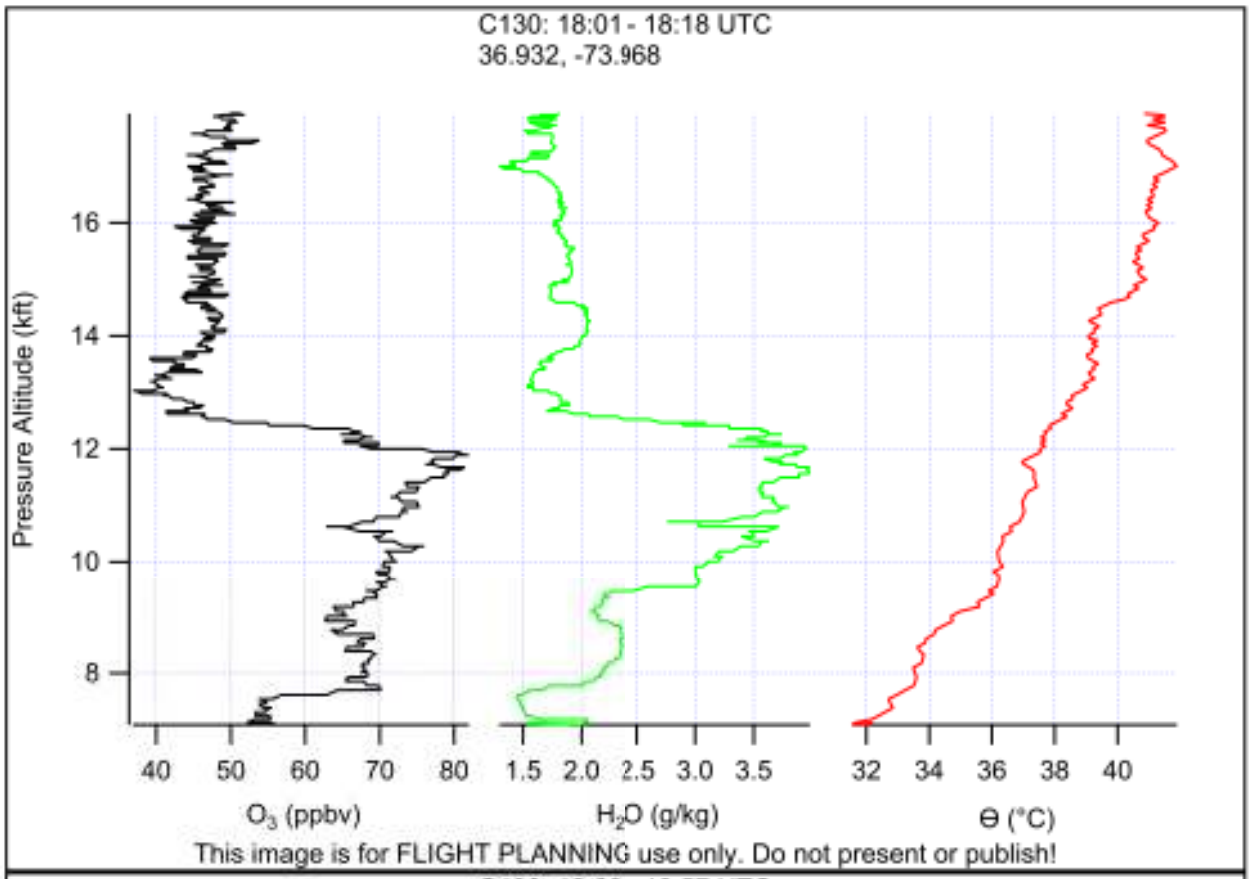

B200: 19:11 - 19:19 UTC
37.09, -75.759
Pressure Altitude (kft)
12
10
8
6
4
406.5
407.0
407.5
408.0
1.860
1.870
1.880
0.07
0.08
0.09
0.10
CO2 (ppmv)
CH4 (ppmv)
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

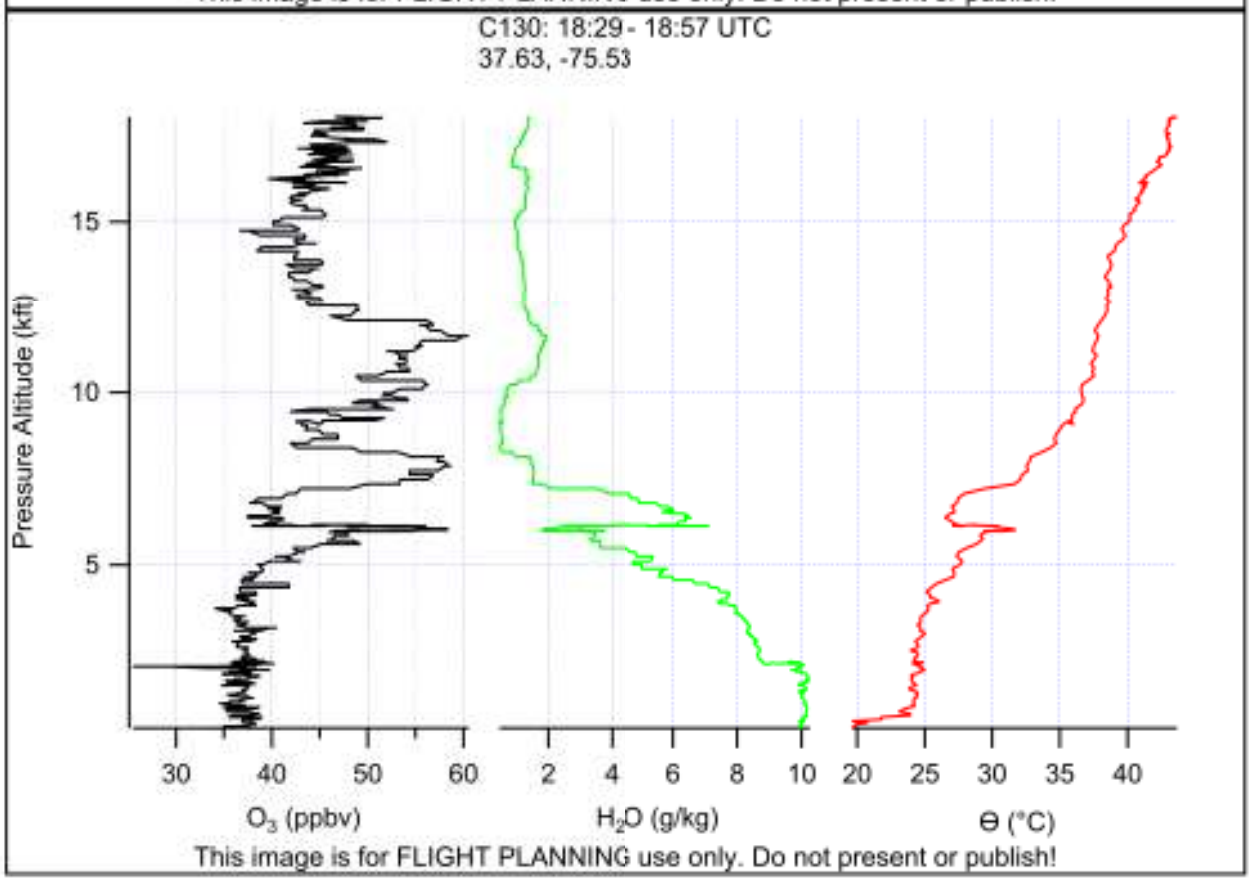

B200: 19:24 - 19:28 UTC
37.111, -76.275
Pressure Altitude (kft)
2.0
1.5
1.0
0.5
408.4 408.5 408.6 408.7 408.8 408.9
CO2 (ppmv)
1.881 1.882 1.883 1.884
CH4 (ppmv)
0.090 0.095 0.100 0.105 0.110
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

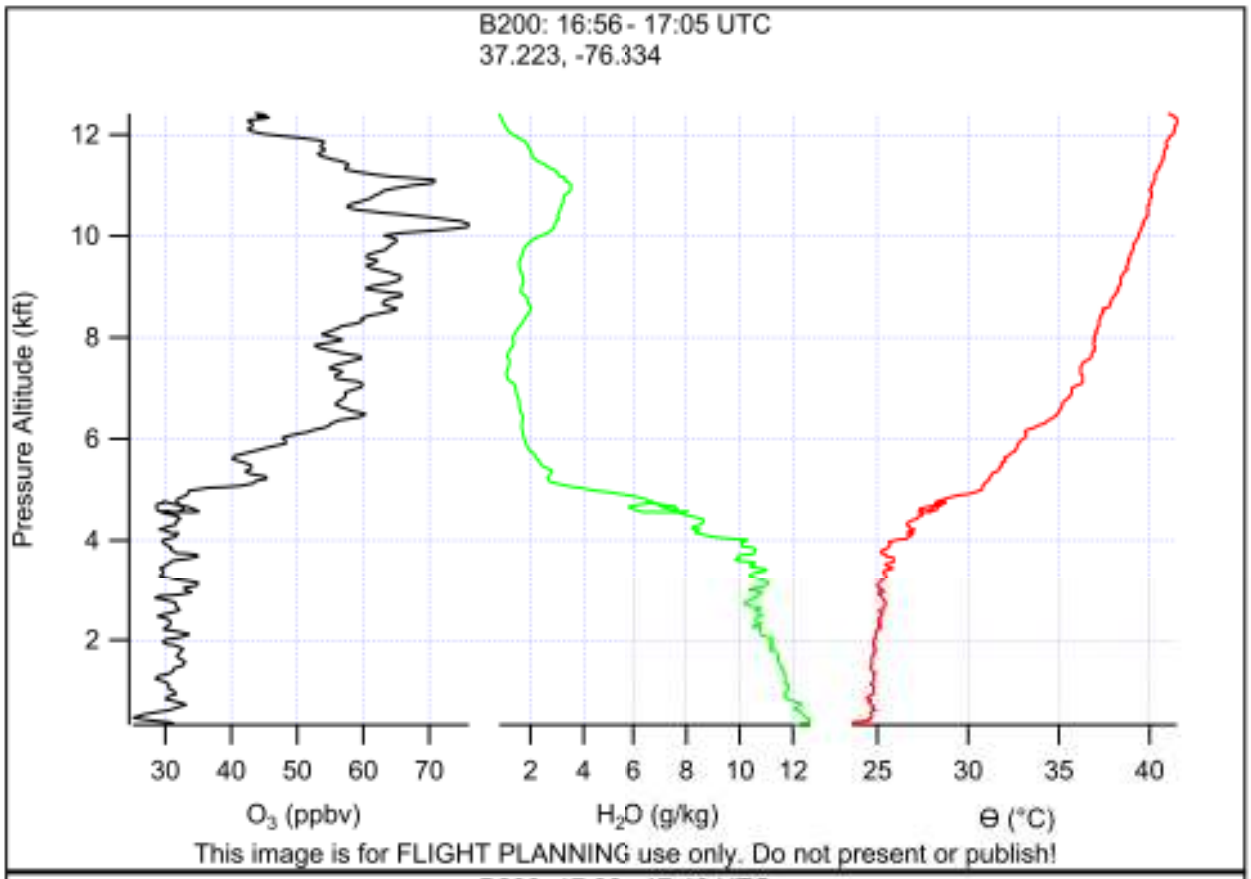

C130: 16:06 - 16:35 UTC
37.614, -75.847
Pressure Altitude (kft)
20
15
10
5
30 40 50 60 70 80
O3 (ppbv)
2 4 6 8 10
H2O (g/kg)
20 25 30 35 40 45
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

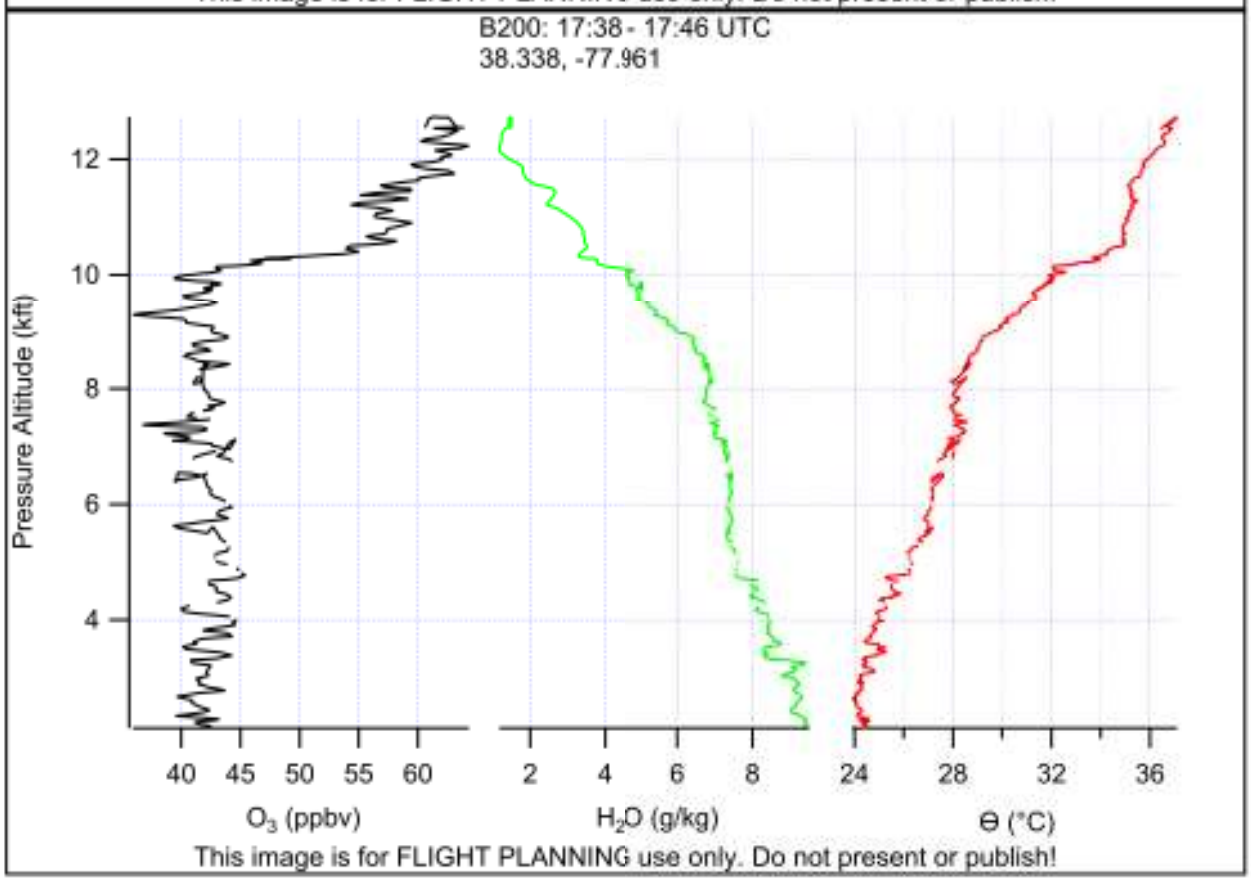

C130: 17:06 - 17:24 UTC
38.283, -77.811
Pressure Altitude (kft)
18
16
14
12
10
8
6
4
35 40 45 50 55 60
O3 (ppbv)
1 2 3 4 5 6 7 8
H2O (g/kg)
25 30 35 40 45
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

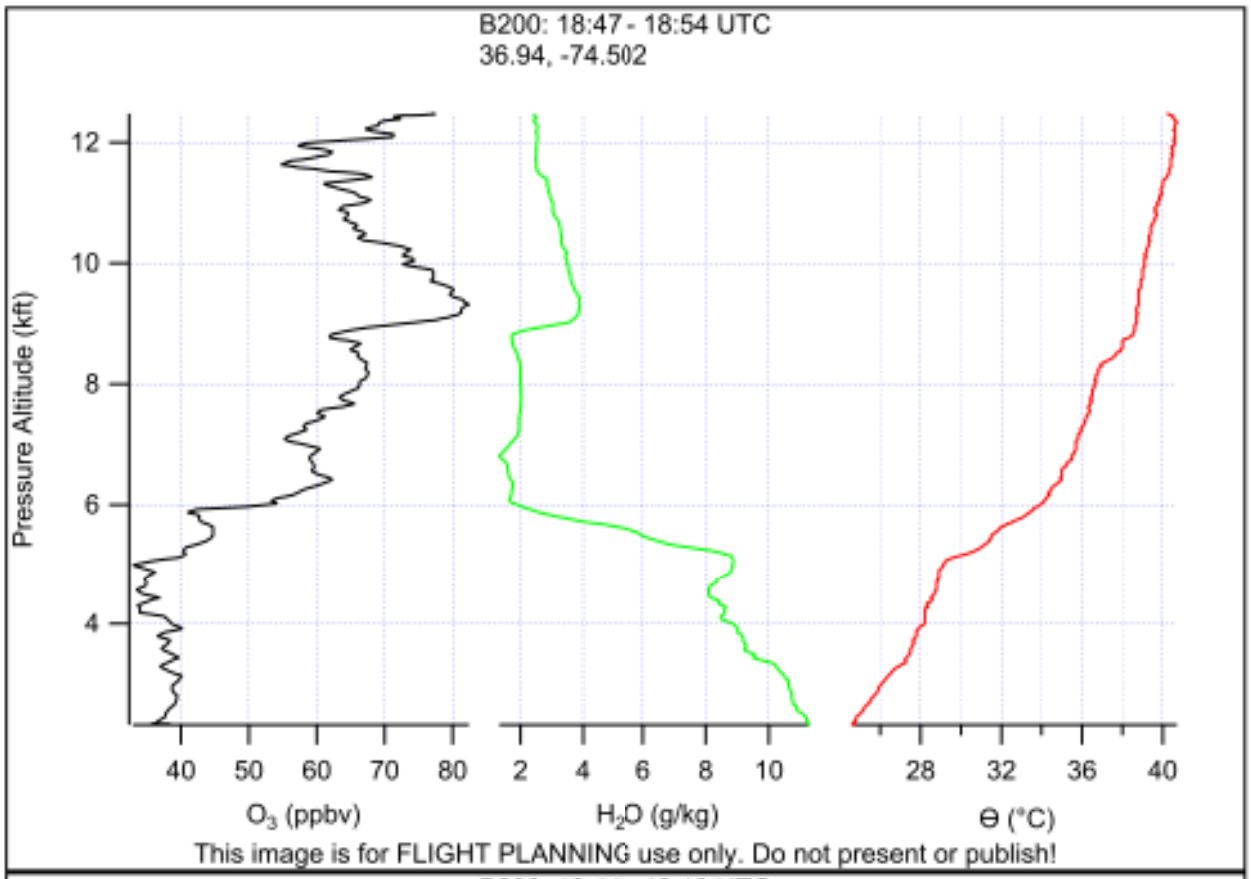

C130: 17:24 - 17:31 UTC
37.76, -76.785
Pressure Altitude (kft)
7
6
5
4
40 45 50 55 60
O3 (ppbv)
2 3 4 5 6 7 8
H2O (g/kg)
24 26 28 30 32 34
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

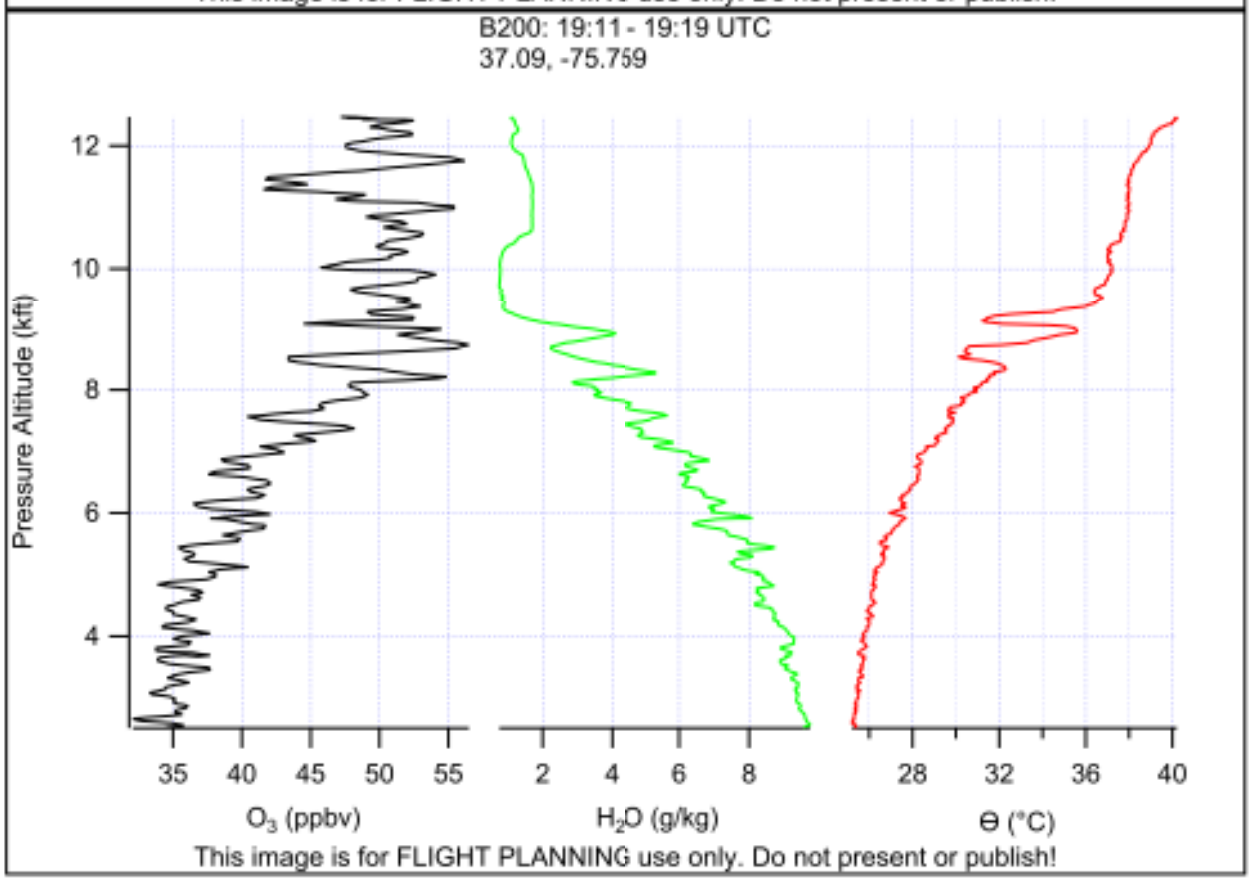

C130: 18:01 - 18:18 UTC
36.932, -73.968
Pressure Altitude (kft)
16
14
12
10
8
40 50 60 70 80
O3 (ppbv)
1.5 2.0 2.5 3.0 3.5
H2O (g/kg)
32 34 36 38 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

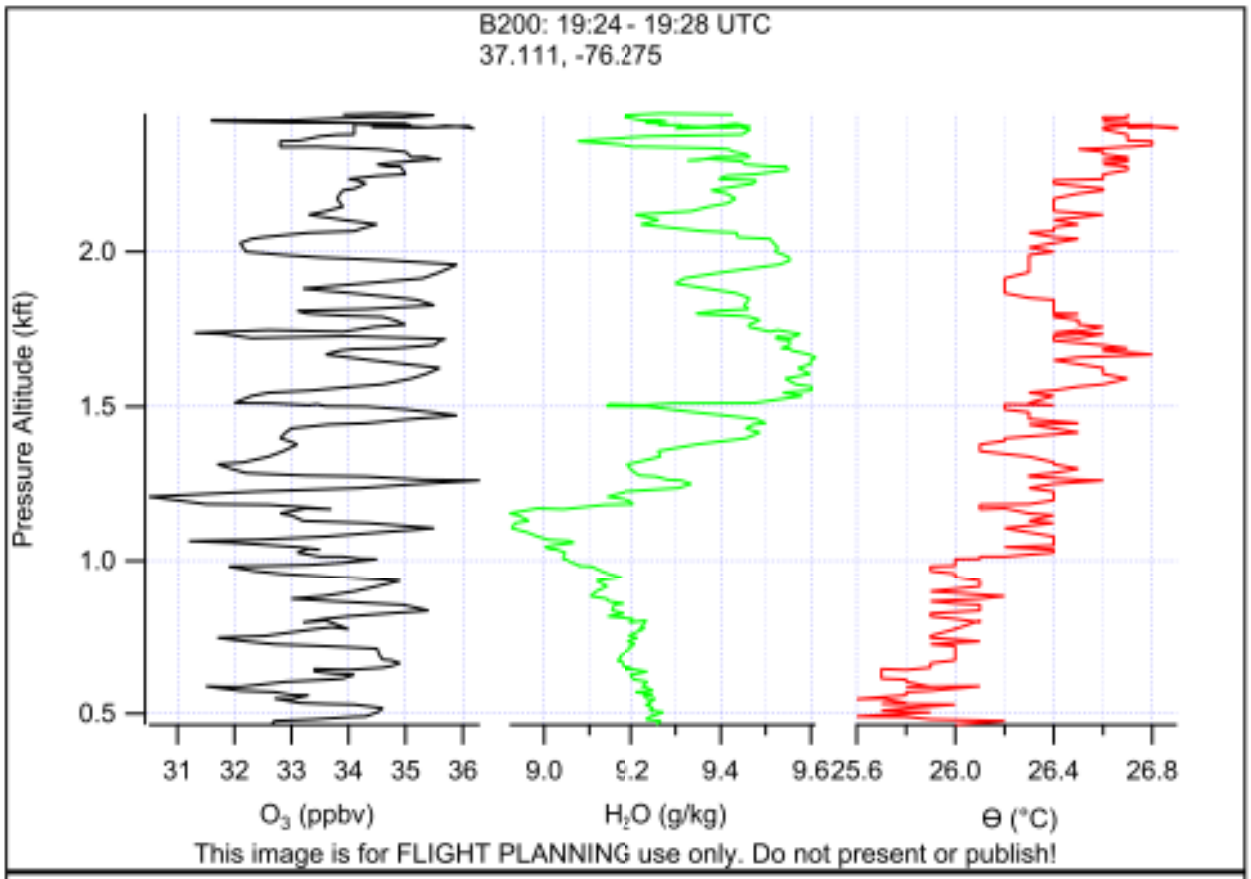

C130: 18:29 - 18:57 UTC
37.63, -75.53
Pressure Altitude (kft)
15
10
5
30 40 50 60
O3 (ppbv)
2 4 6 8 10
H2O (g/kg)
20 25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 16:56 - 17:05 UTC
37.223, -76.334
Pressure Altitude (kft)
12
10
8
6
4
2
30 40 50 60 70
O3 (ppbv)
2 4 6 8 10 12
H2O (g/kg)
25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:38 - 17:46 UTC
38.338, -77.961
Pressure Altitude (kft)
12
10
8
6
4
40 45 50 55 60
O3 (ppbv)
2 4 6 8
H2O (g/kg)
24 28 32 36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:47 - 18:54 UTC
36.94, -74.502
Pressure Altitude (kft)
12
10
8
6
4
40 50 60 70 80
O3 (ppbv)
2 4 6 8 10
H2O (g/kg)
28 32 36 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:11 - 19:19 UTC
37.09, -75.759
Pressure Altitude (kft)
12
10
8
6
4
35 40 45 50 55
O3 (ppbv)
2 4 6 8
H2O (g/kg)
28 32 36 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:24 - 19:28 UTC
37.111, -76.275
Pressure Altitude (kft)
2.0
1.5
1.0
0.5
31 32 33 34 35 36
O3 (ppbv)
9.0 9.2 9.4 9.6
H2O (g/kg)
25.6 26.0 26.4 26.8
Θ (°C)
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