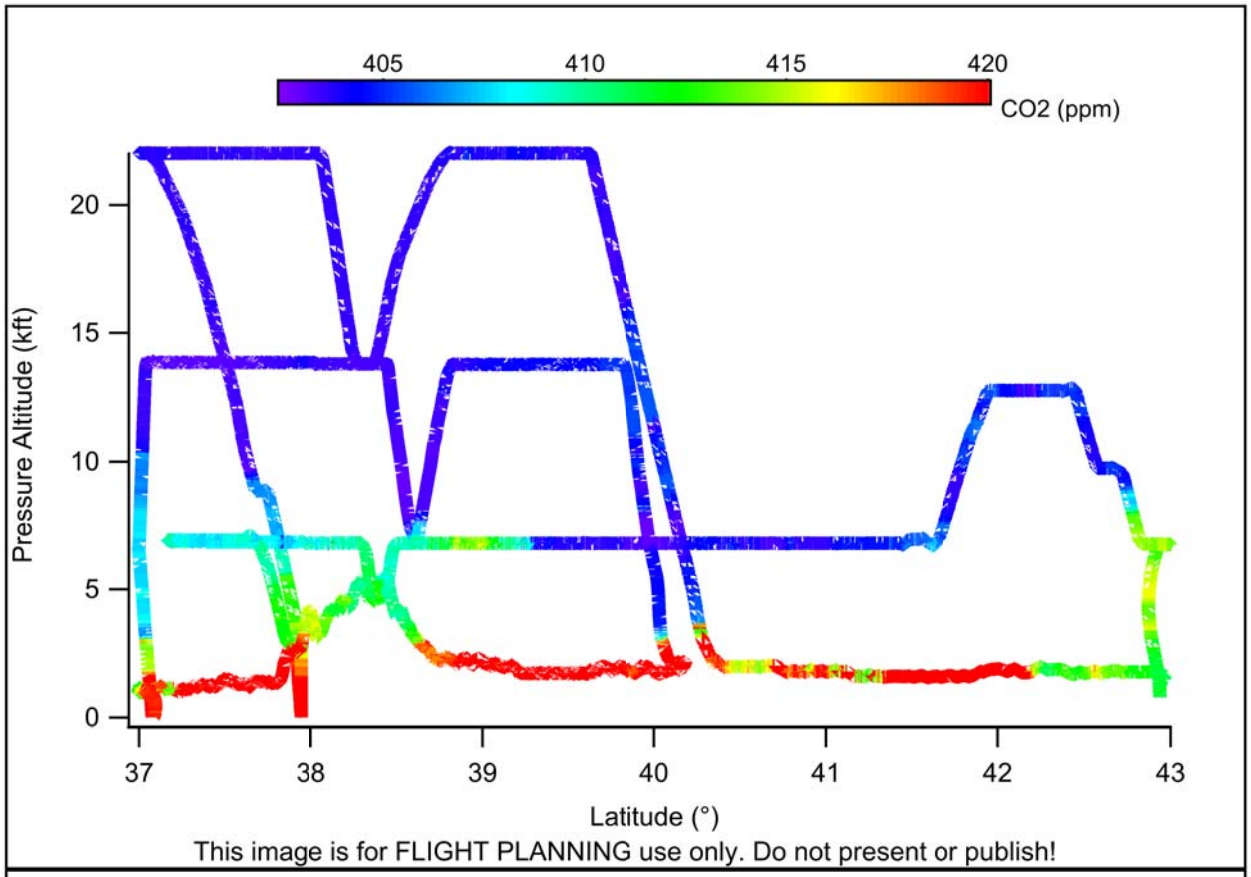
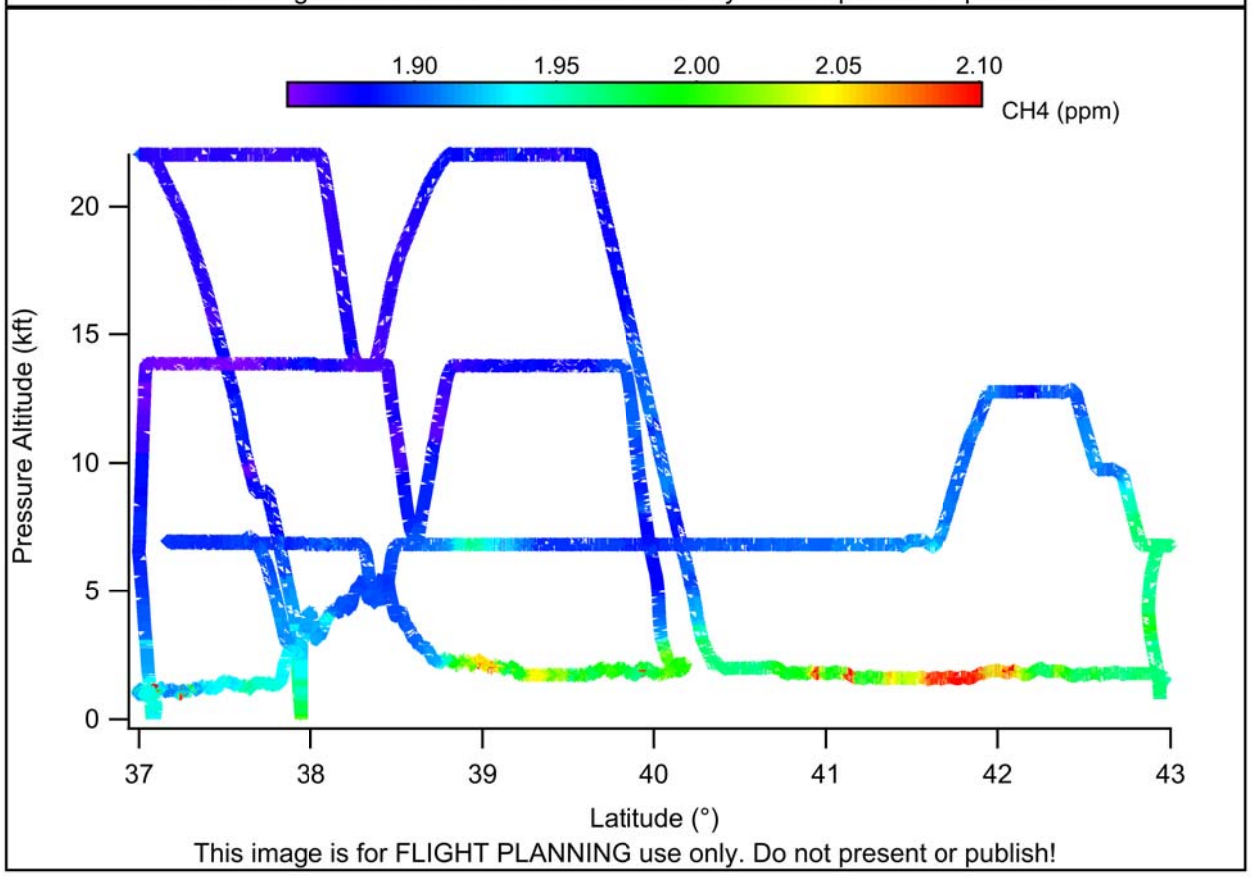
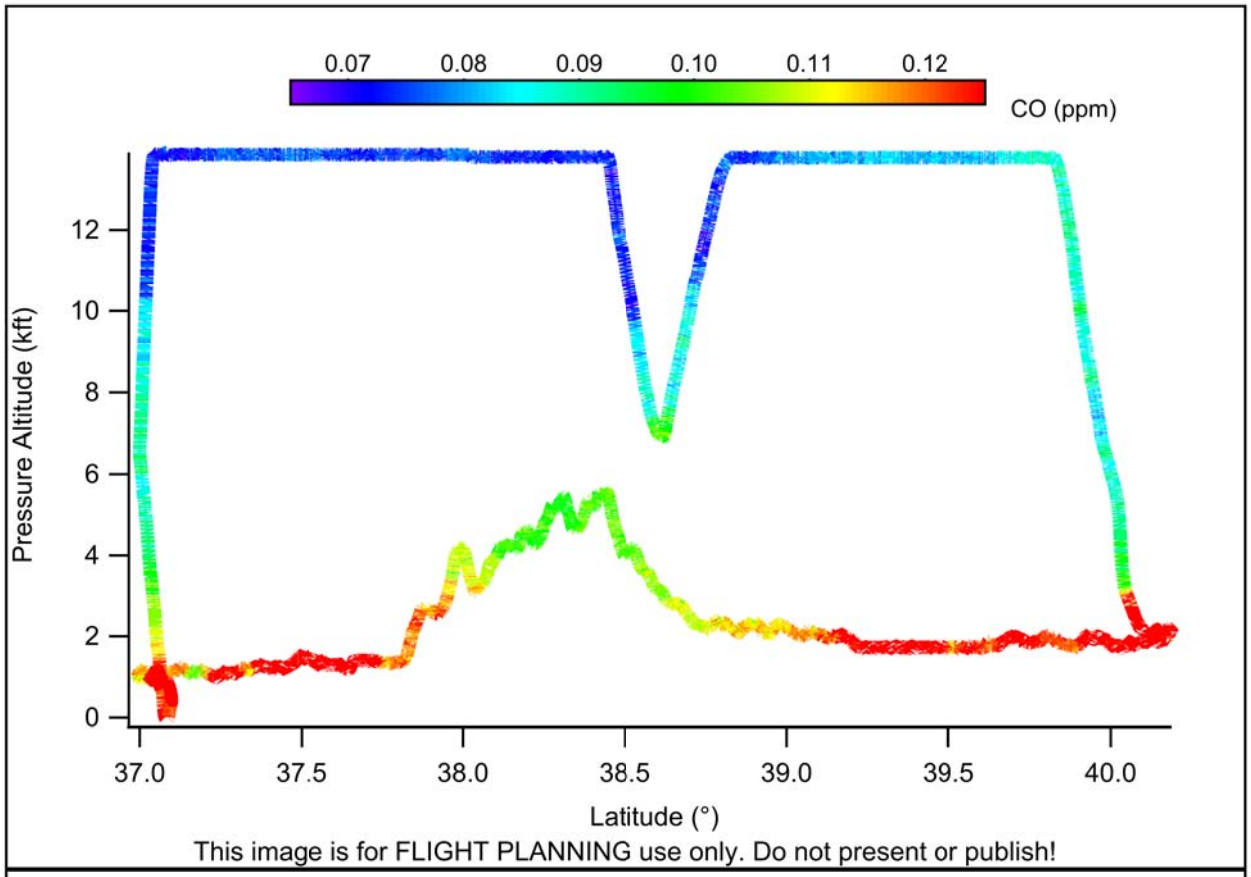
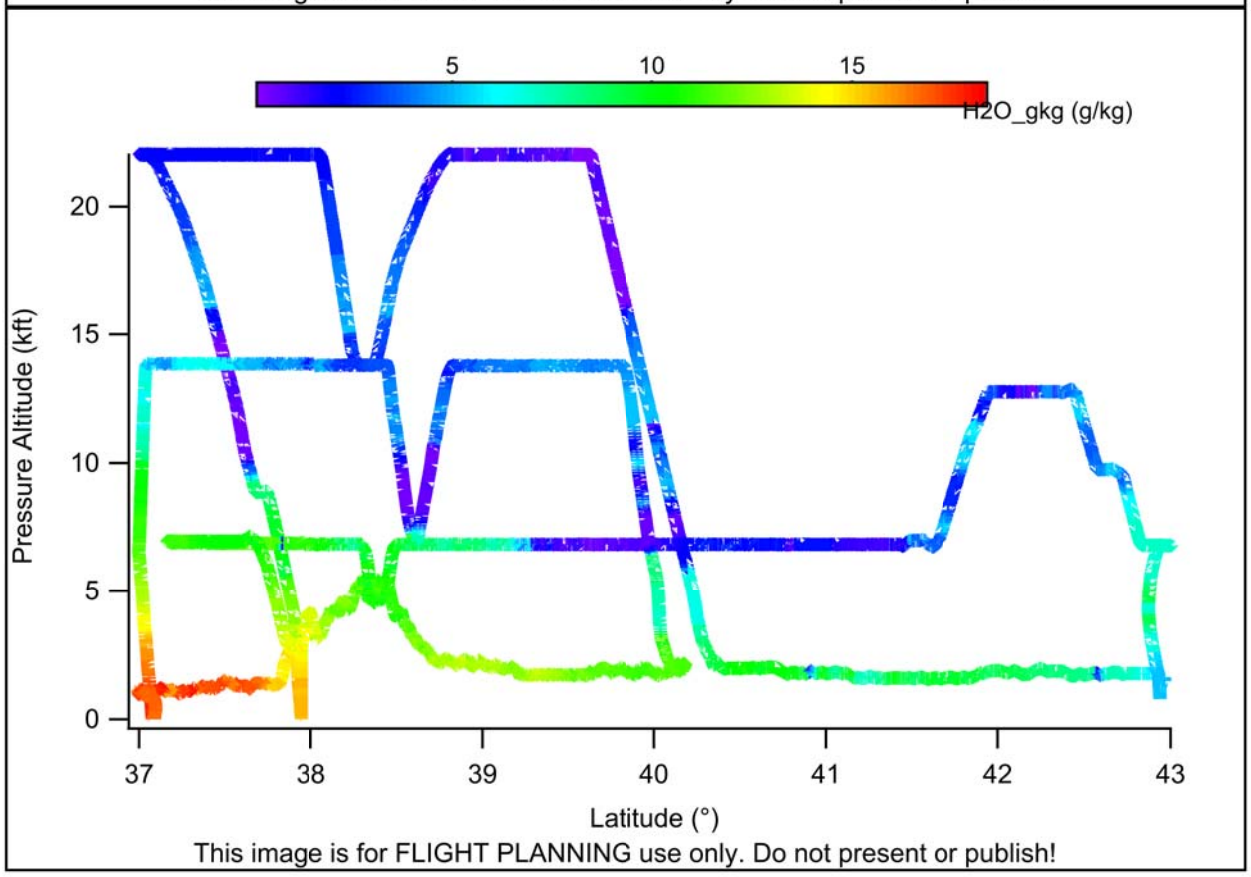
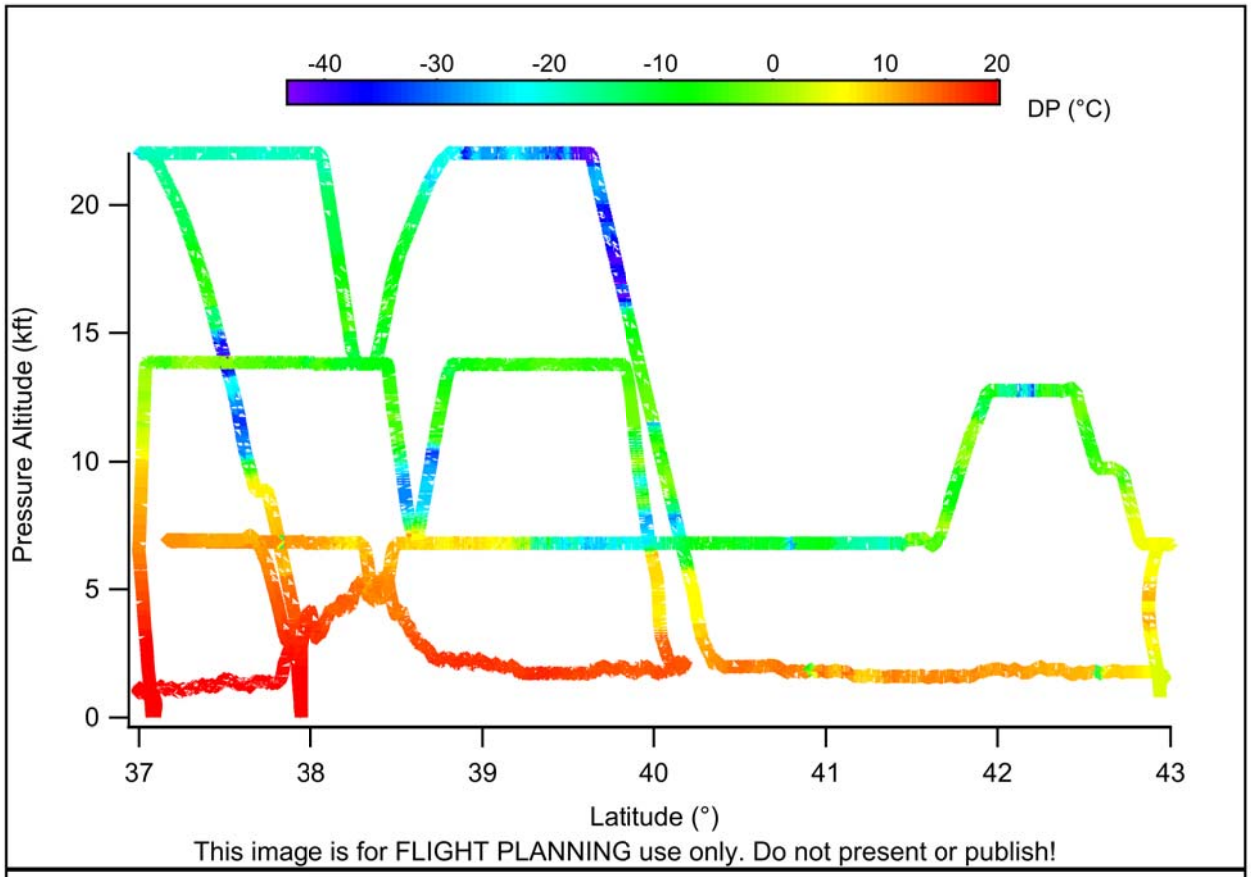
ACT-America 20171010

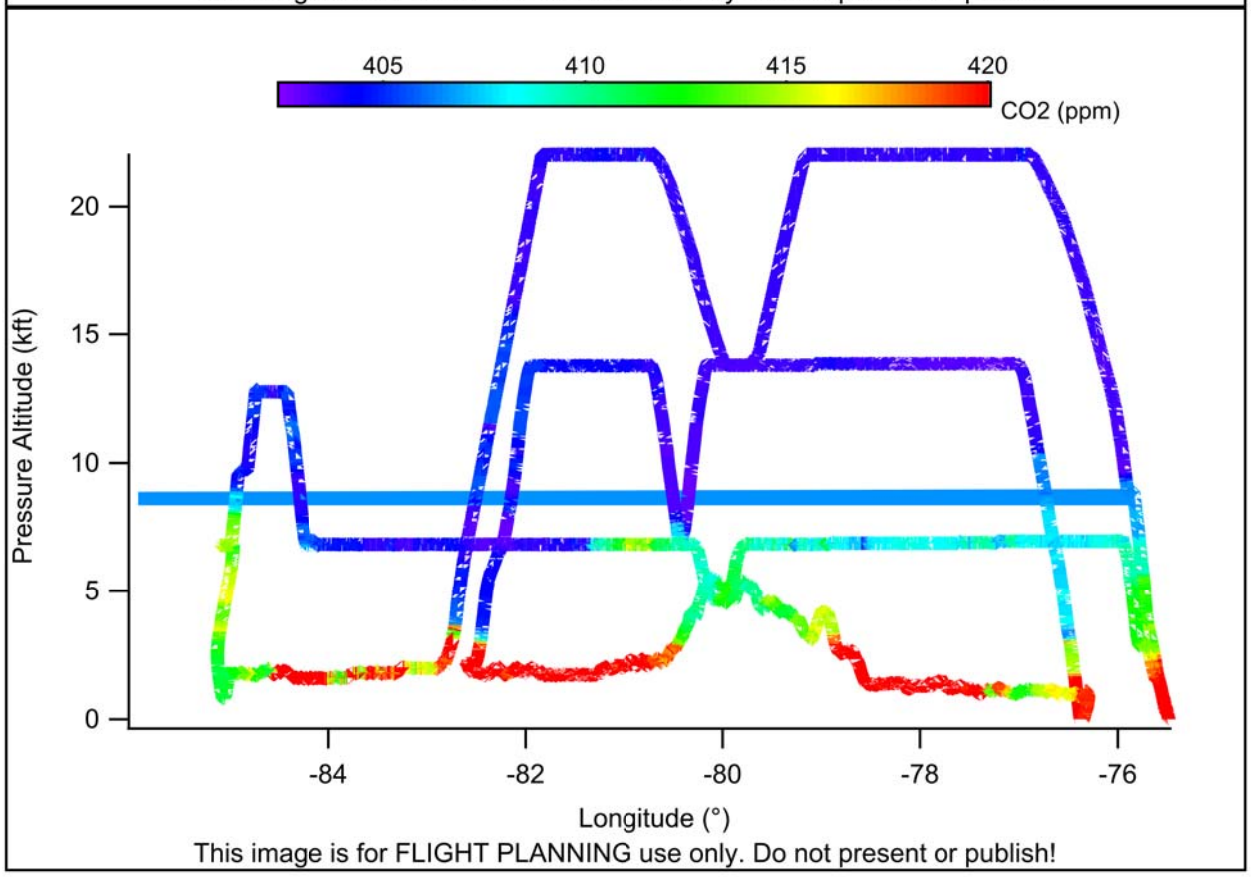

405
410
415
420
CO2 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
37
38
39
40
41
42
43
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

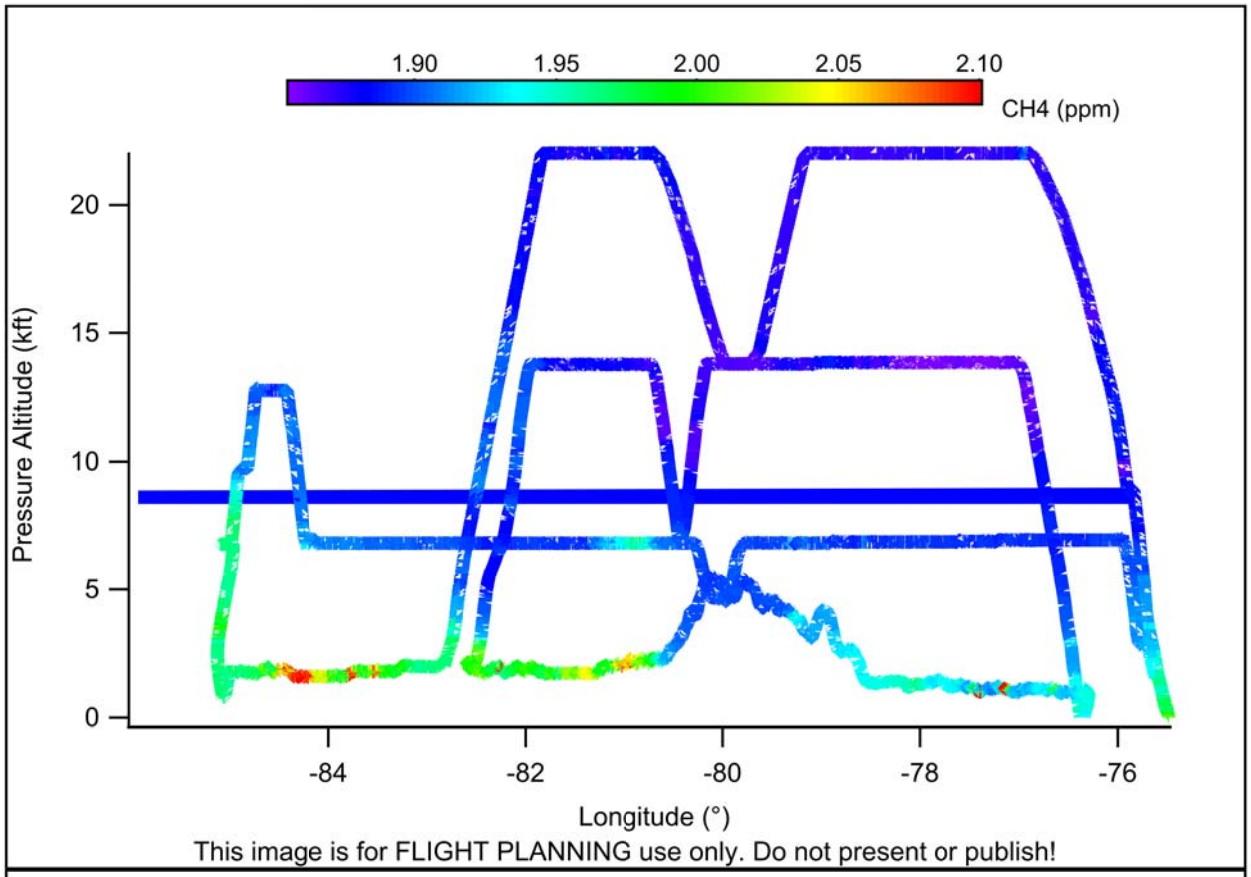

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
37
38
39
40
41
42
43
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

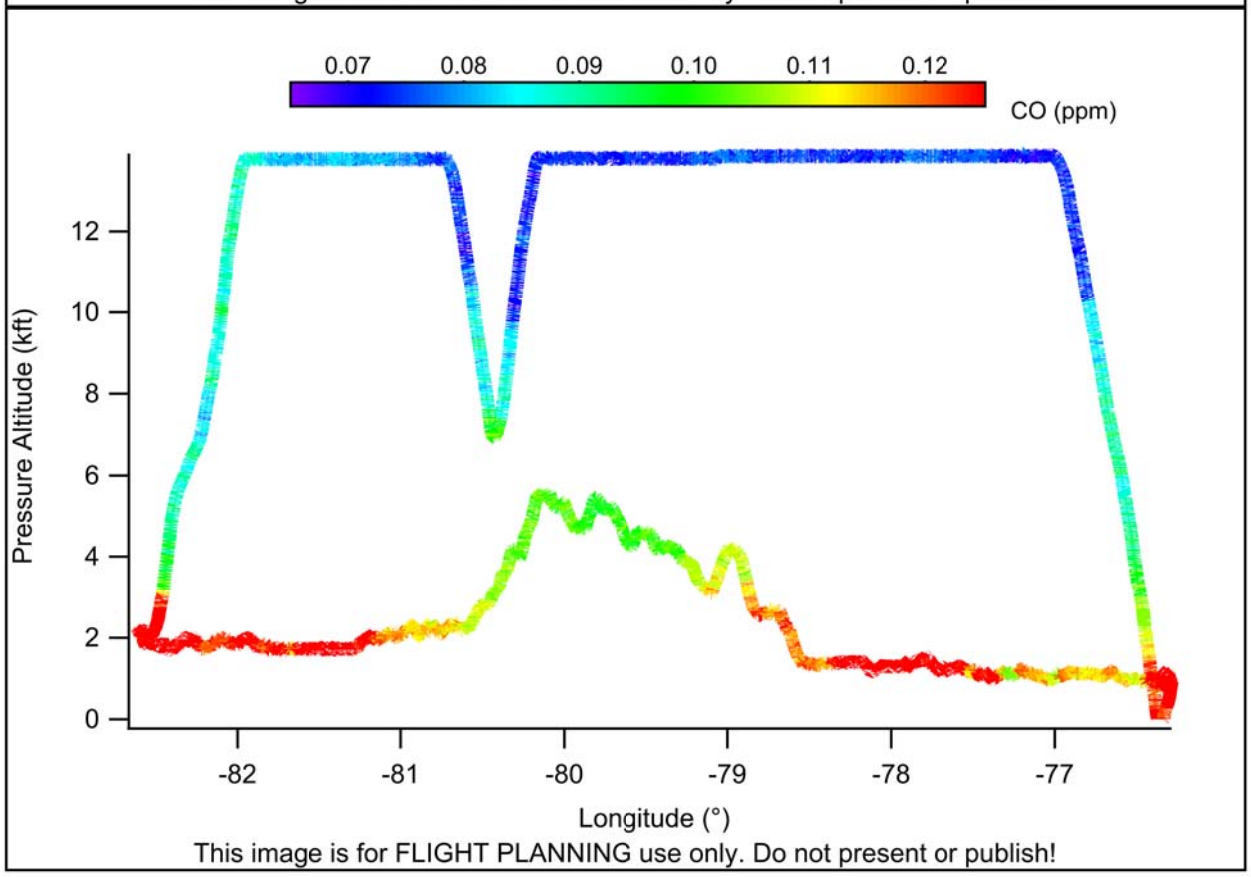

0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
37.0
37.5
38.0
38.5
39.0
39.5
40.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

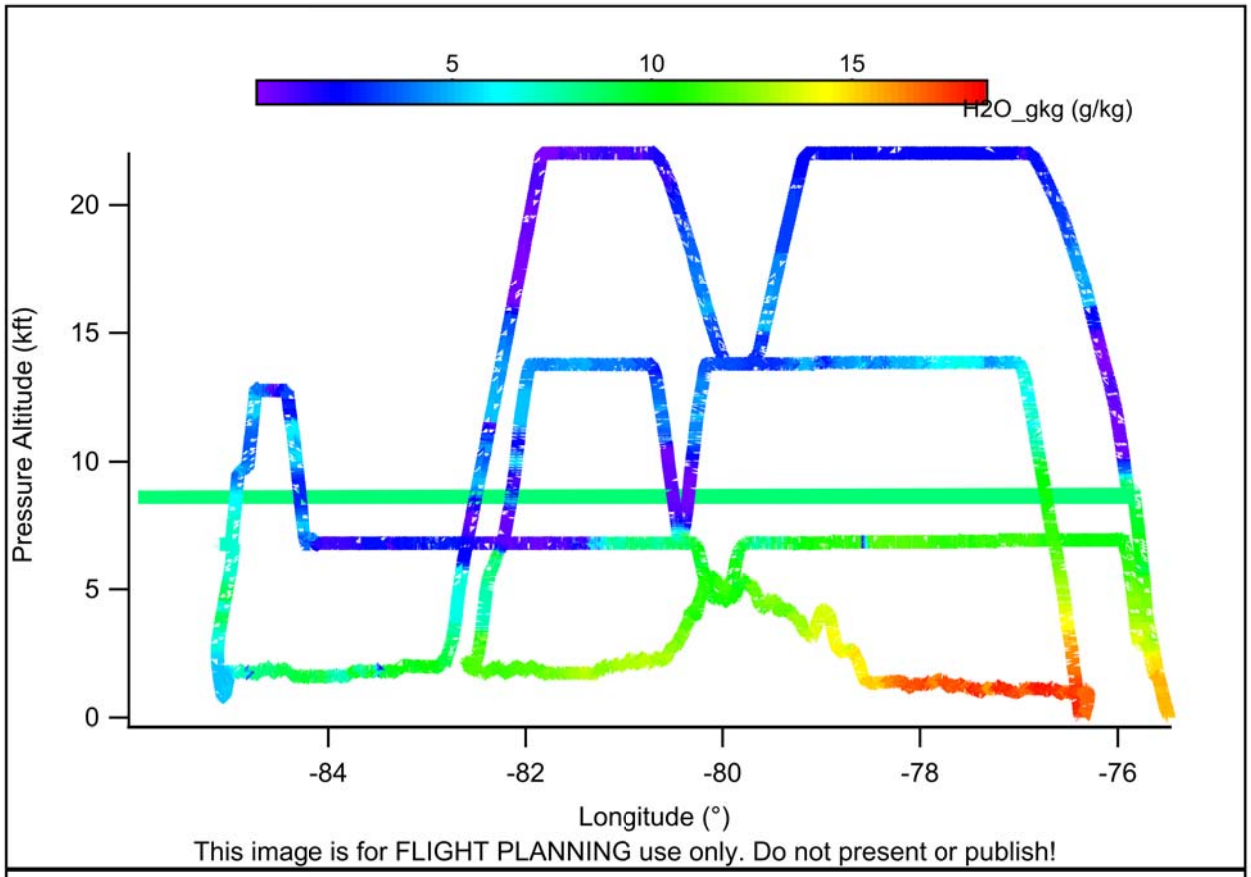

5
10
15
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
5
10
15
20
37
38
39
40
41
42
43
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

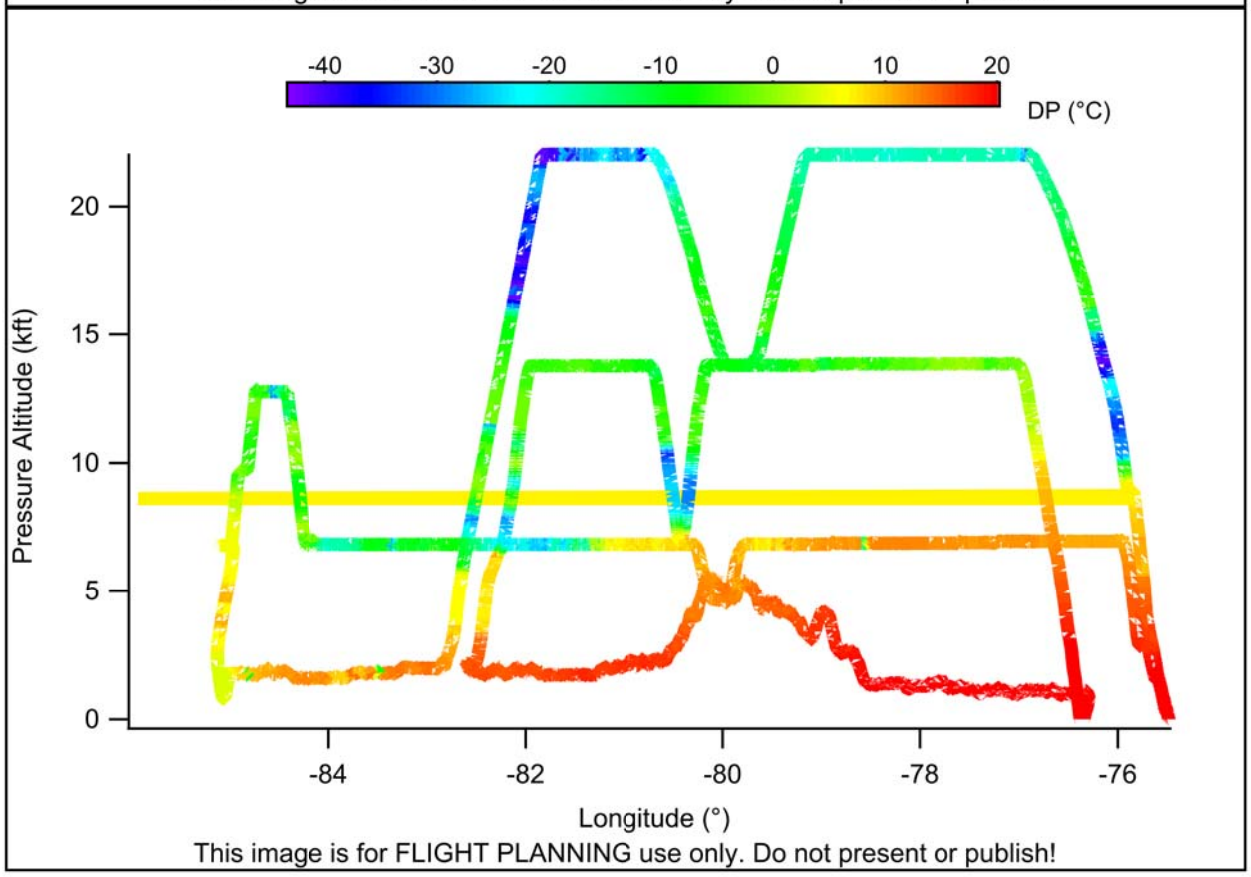

-40
-30
-20
-10
0
10
20
DP (°C)
Pressure Altitude (kft)
0
5
10
15
20
37
38
39
40
41
42
43
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

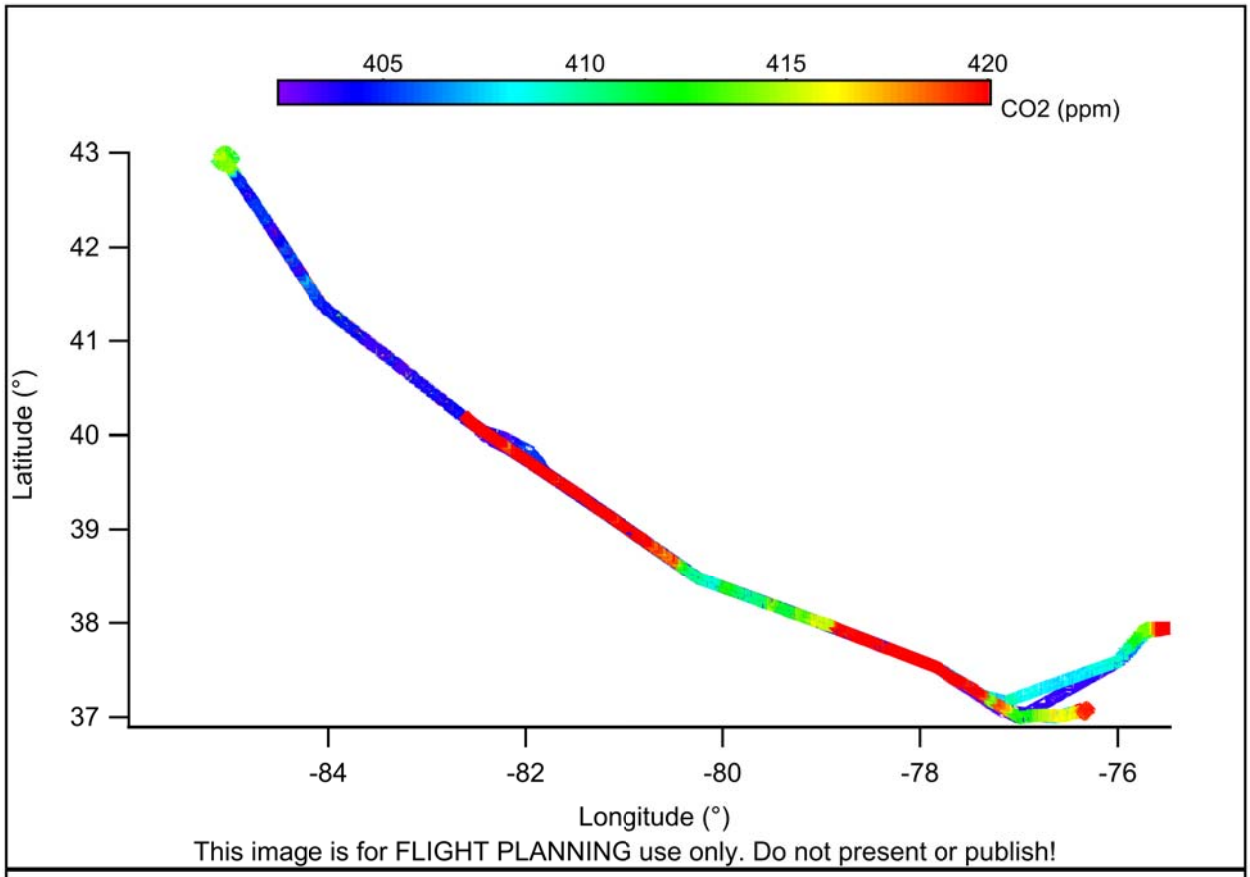

405
410
415
420
CO2 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

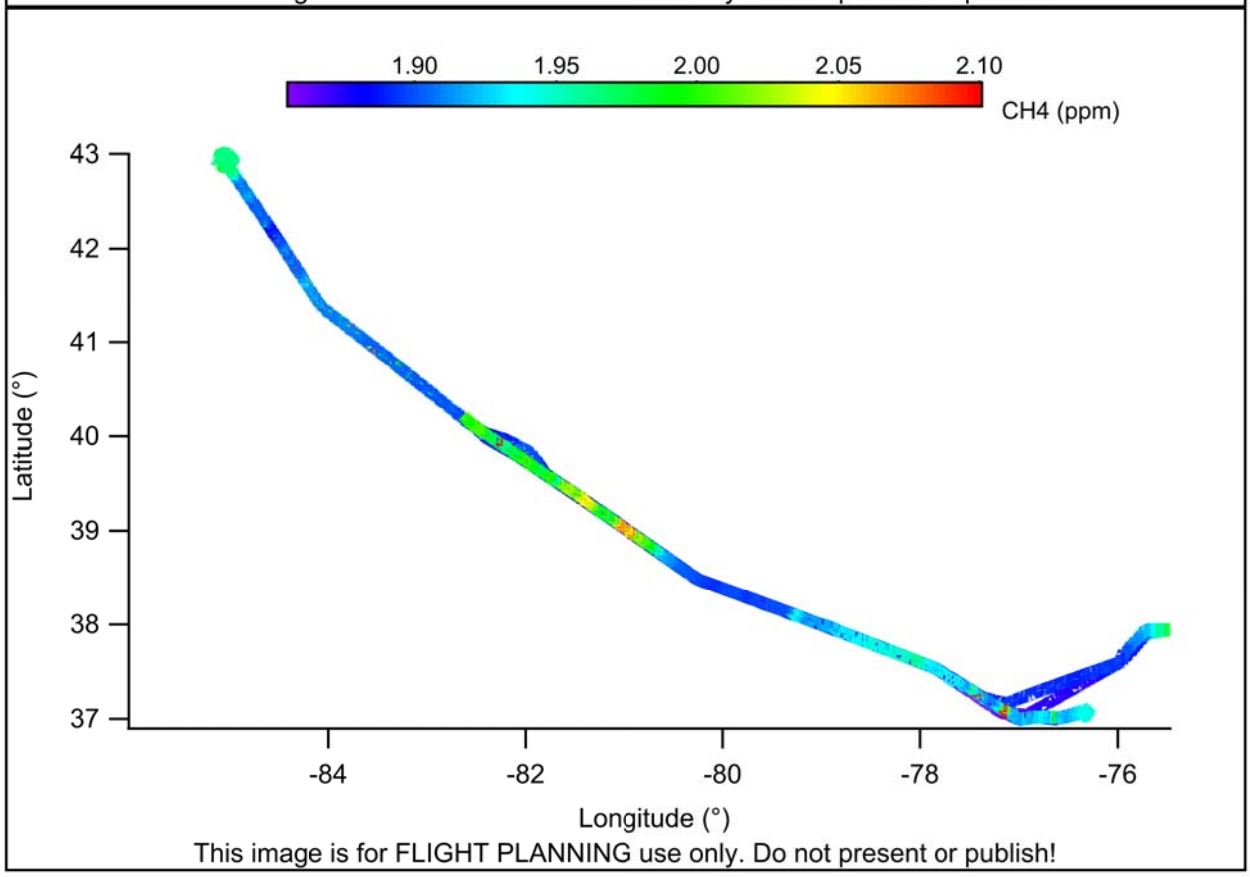

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

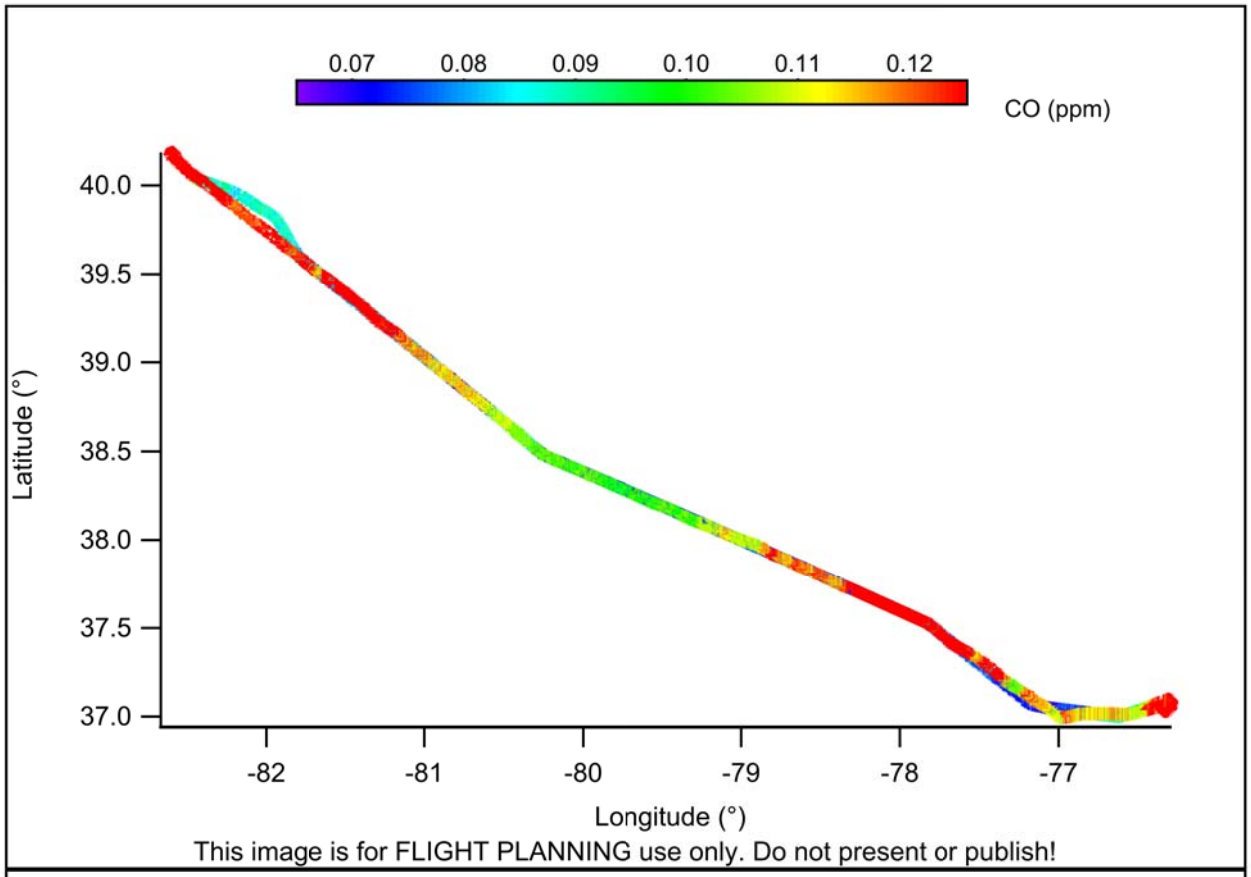

0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
12
10
8
6
4
2
0
-82
-81
-80
-79
-78
-77
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


5
10
15
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-40
-30
-20
-10
0
10
20
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


405
410
415
420
CO2 (ppm)
43
42
41
40
39
38
37
Latitude (°)
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
43
42
41
40
39
38
37
Latitude (°)
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!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0.08
0.09
0.10
0.11
0.12
CO (ppm)
40.0
39.5
39.0
38.5
38.0
37.5
37.0
Latitude (°)
-82
-81
-80
-79
-78
-77
Longitude (°)
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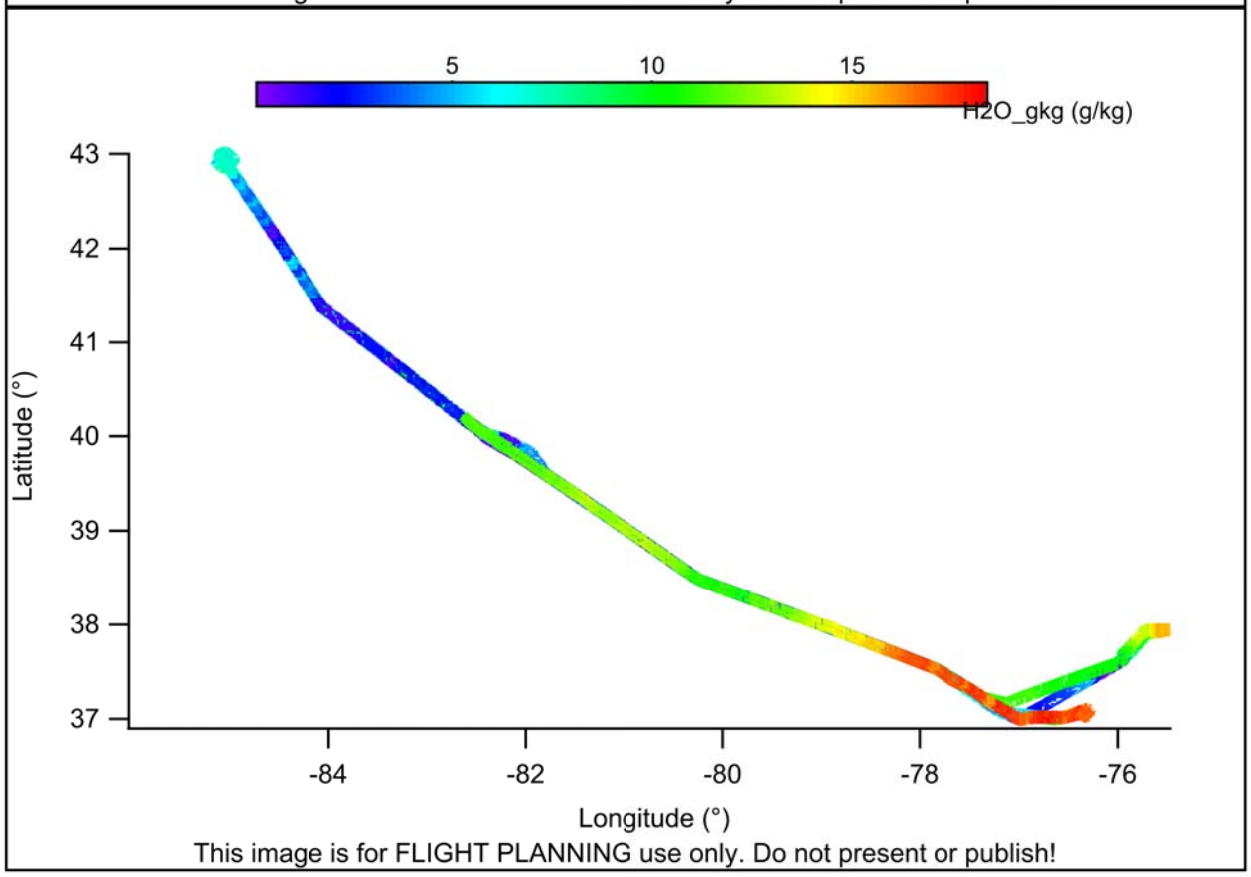
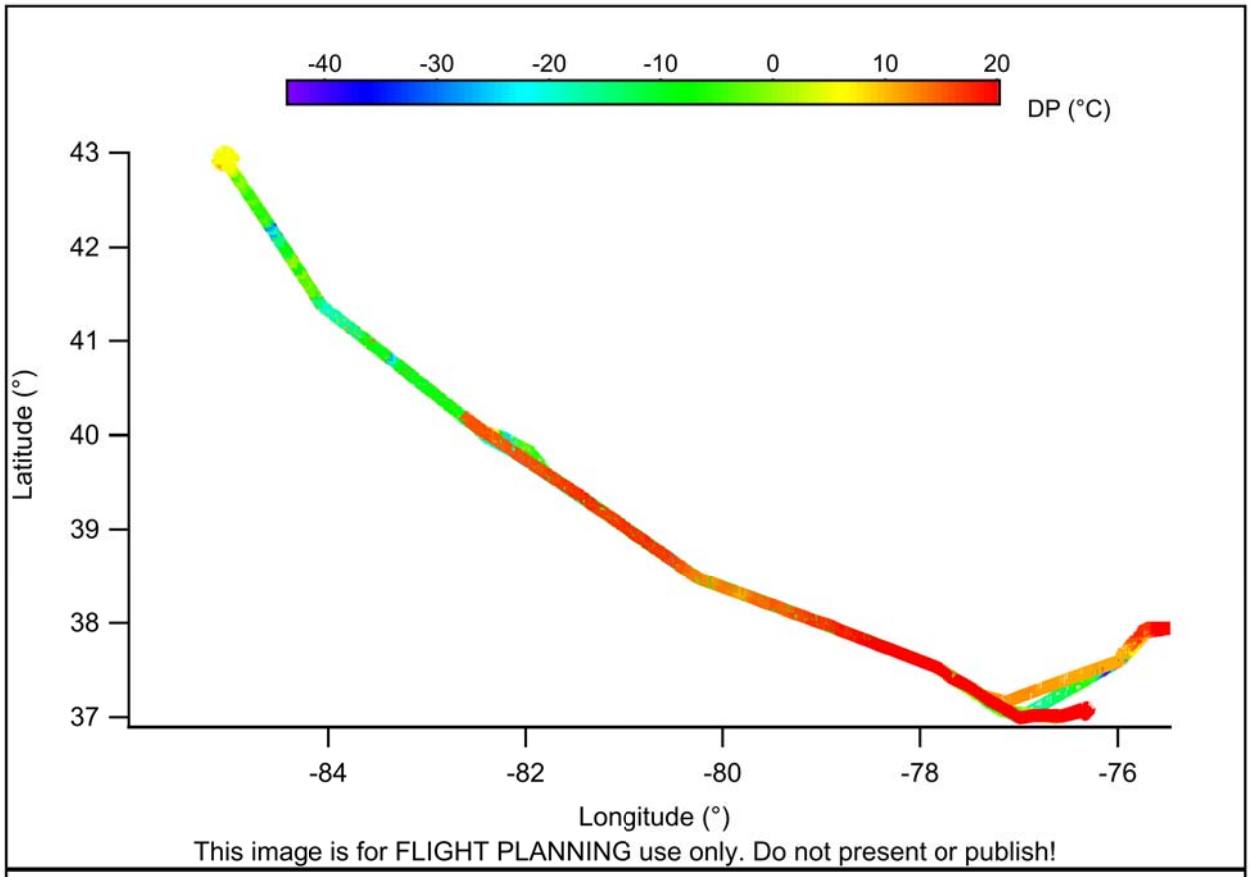

5
10
15
H2O_gkg (g/kg)
43
42
41
40
39
38
37
Latitude (°)
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-40
-30
-20
-10
0
10
20
DP (°C)
43
42
41
40
39
38
37
Latitude (°)
-84
-82
-80
-78
-76
Longitude (°)
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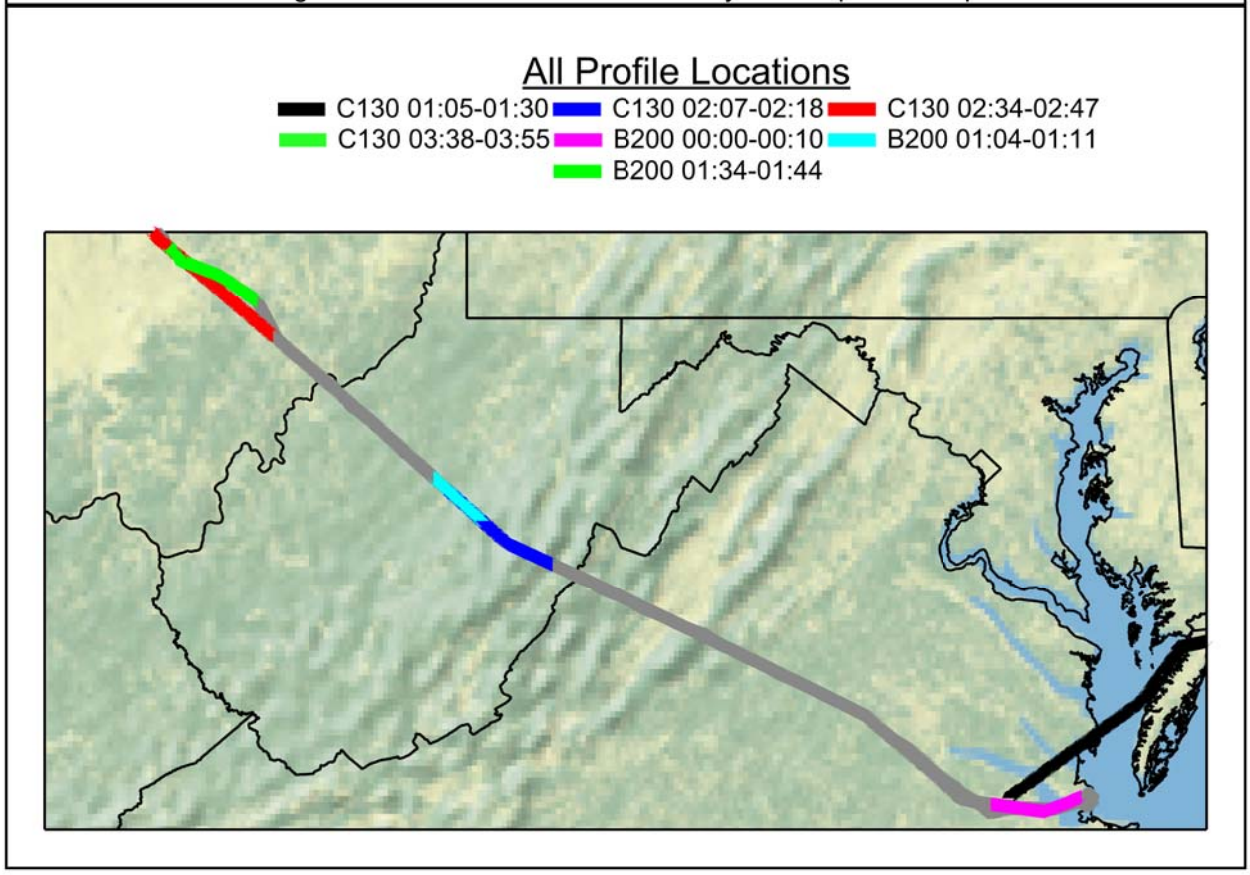
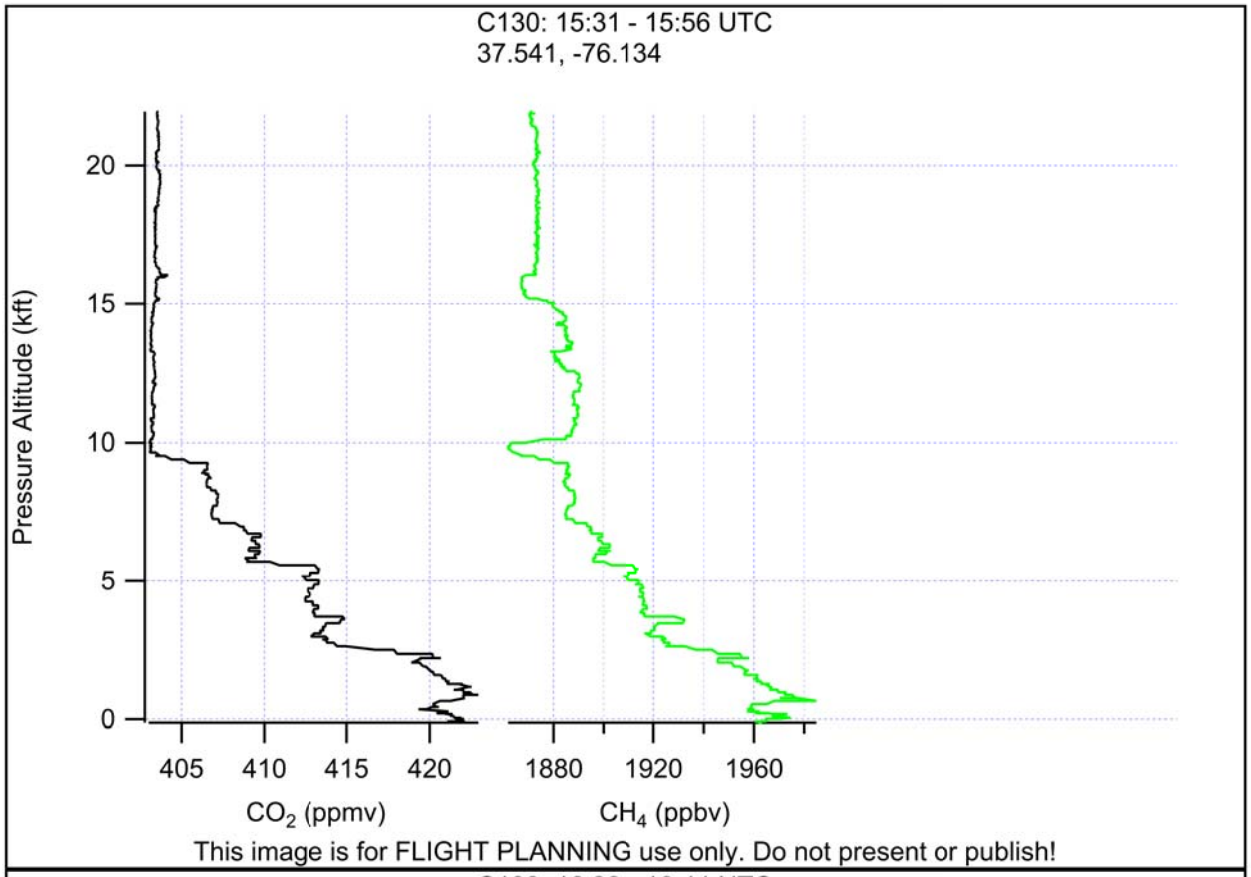
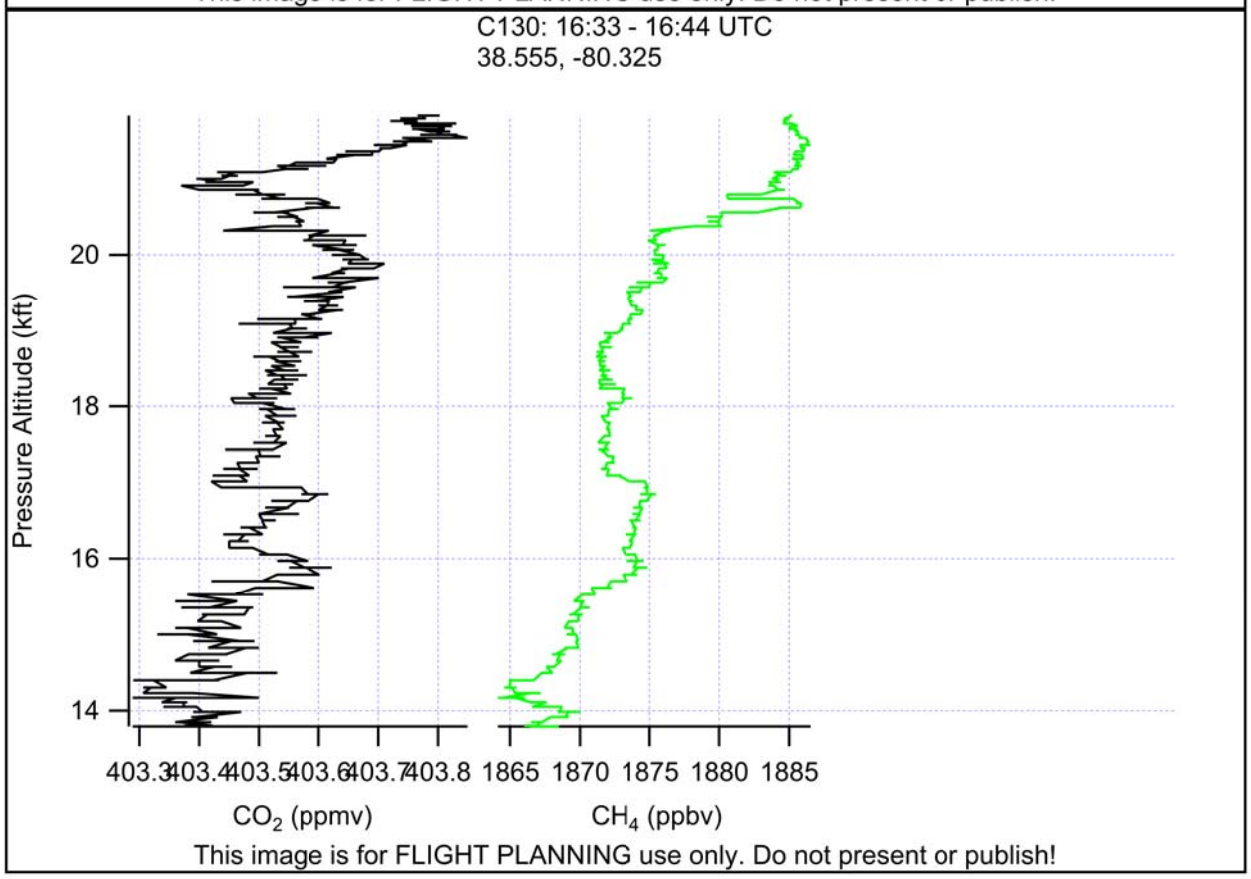
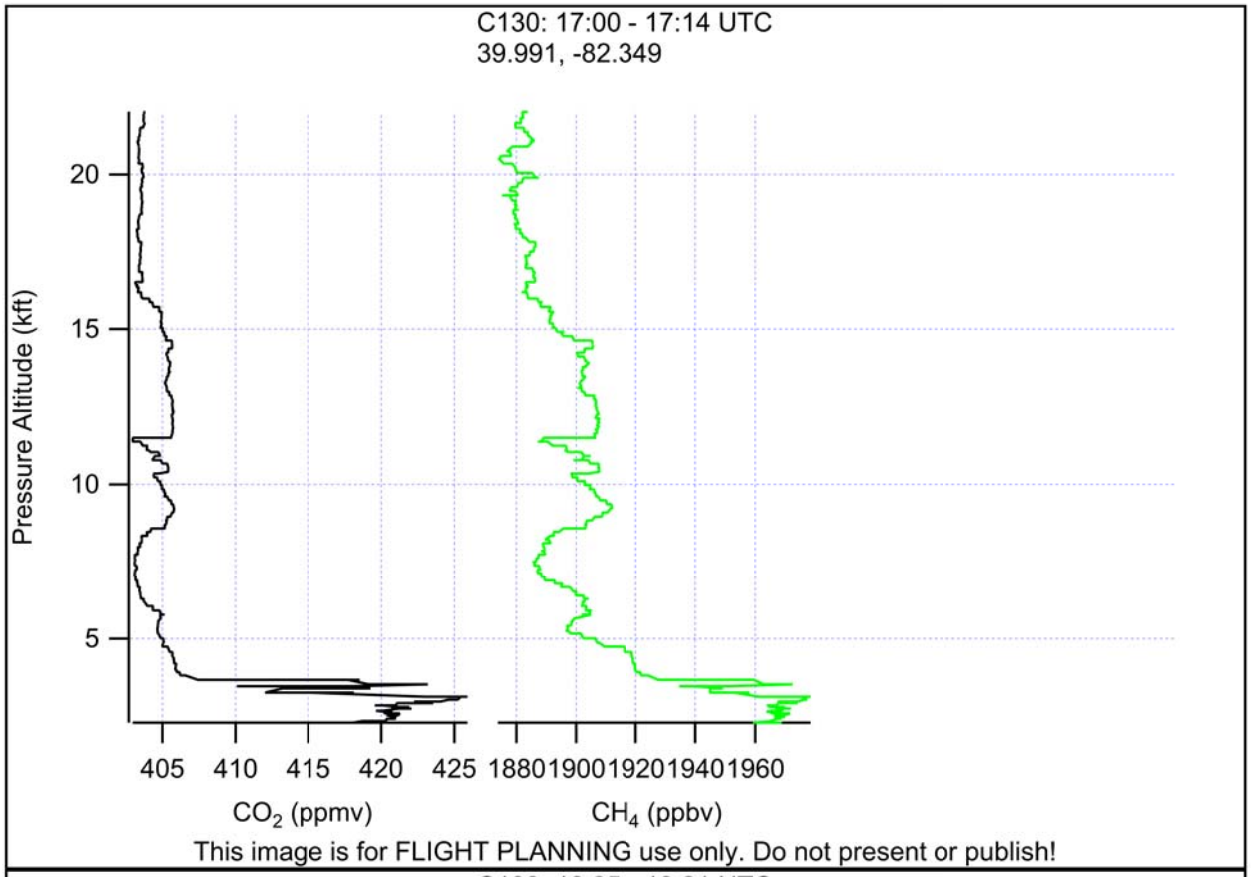
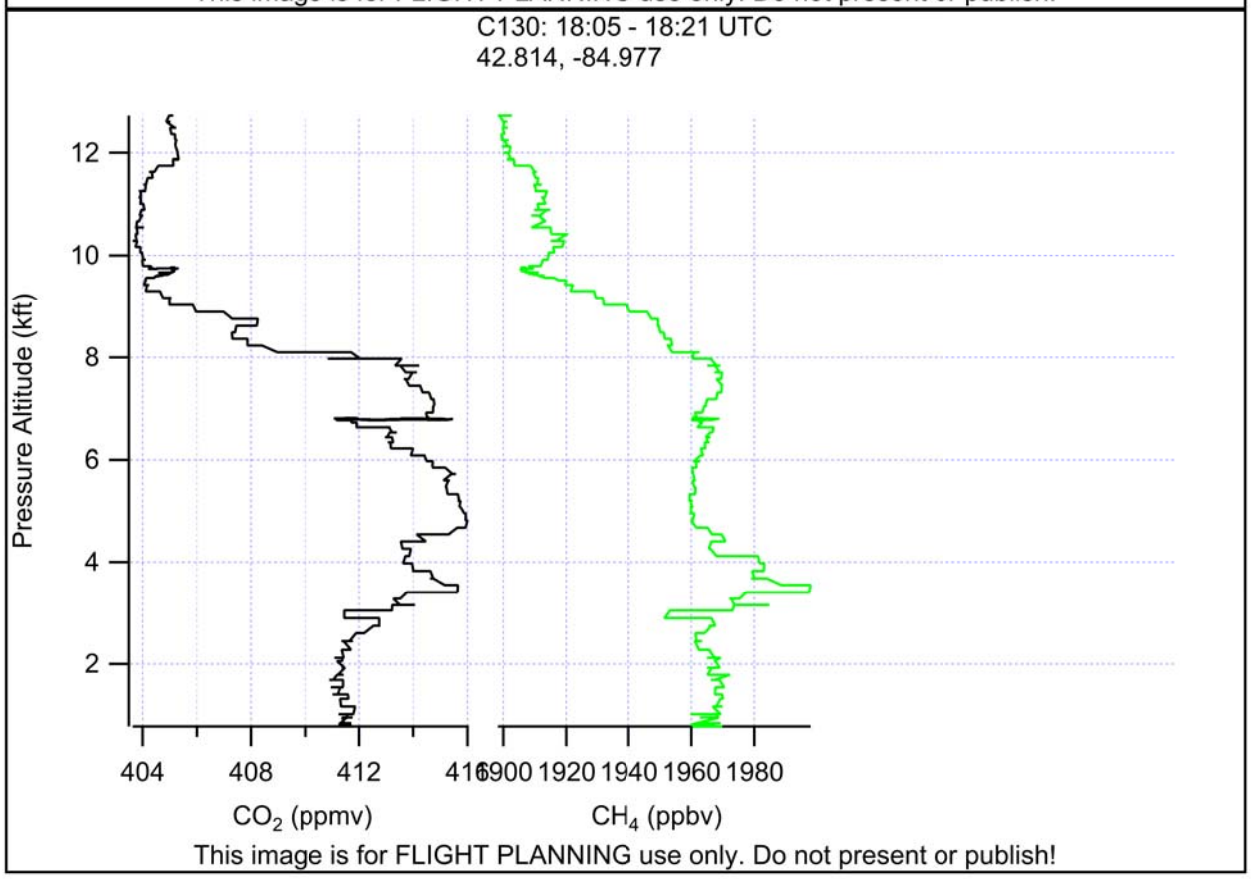
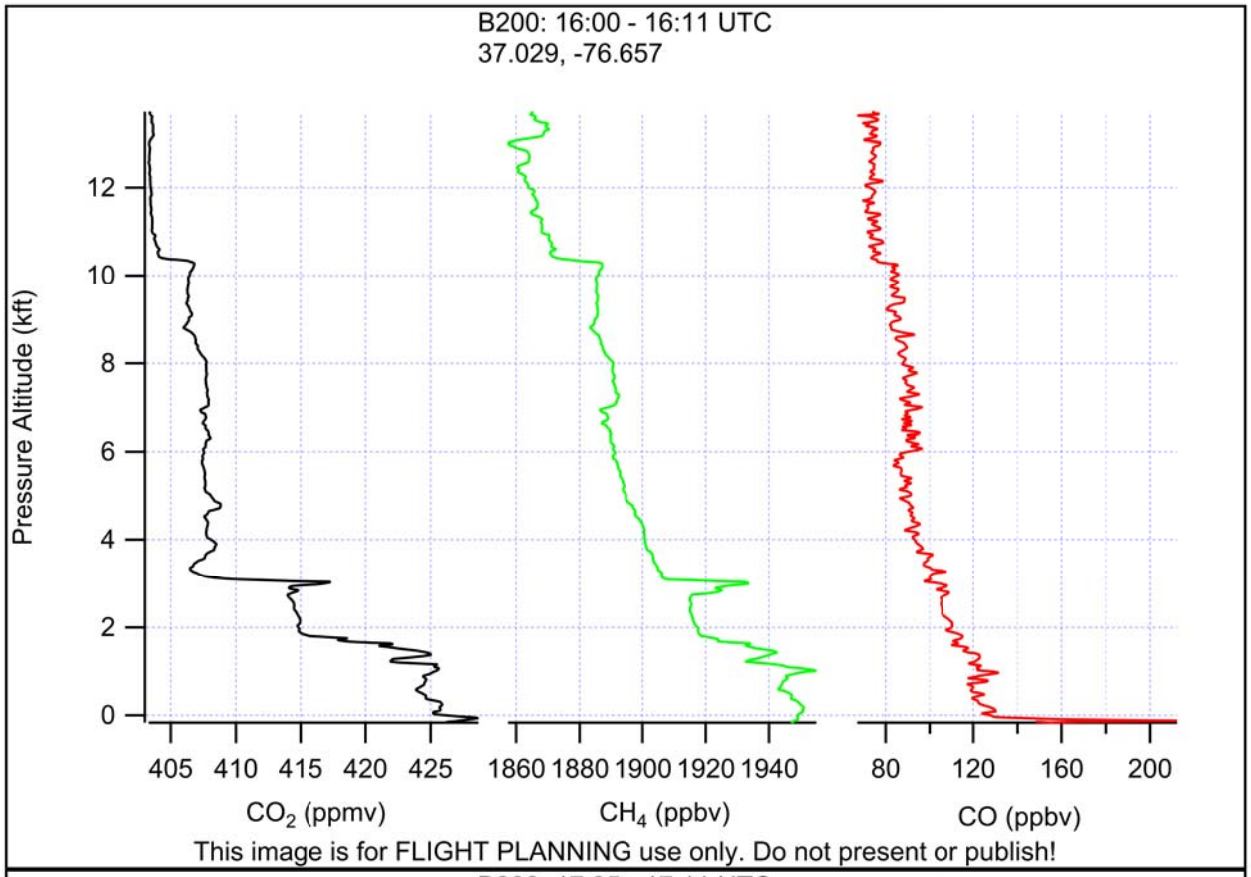

All Profile Locations
C130 01:05-01:30
C130 02:07-02:18
C130 02:34-02:47
C130 03:38-03:55
B200 00:00-00:10
B200 01:04-01:11
B200 01:34-01:44

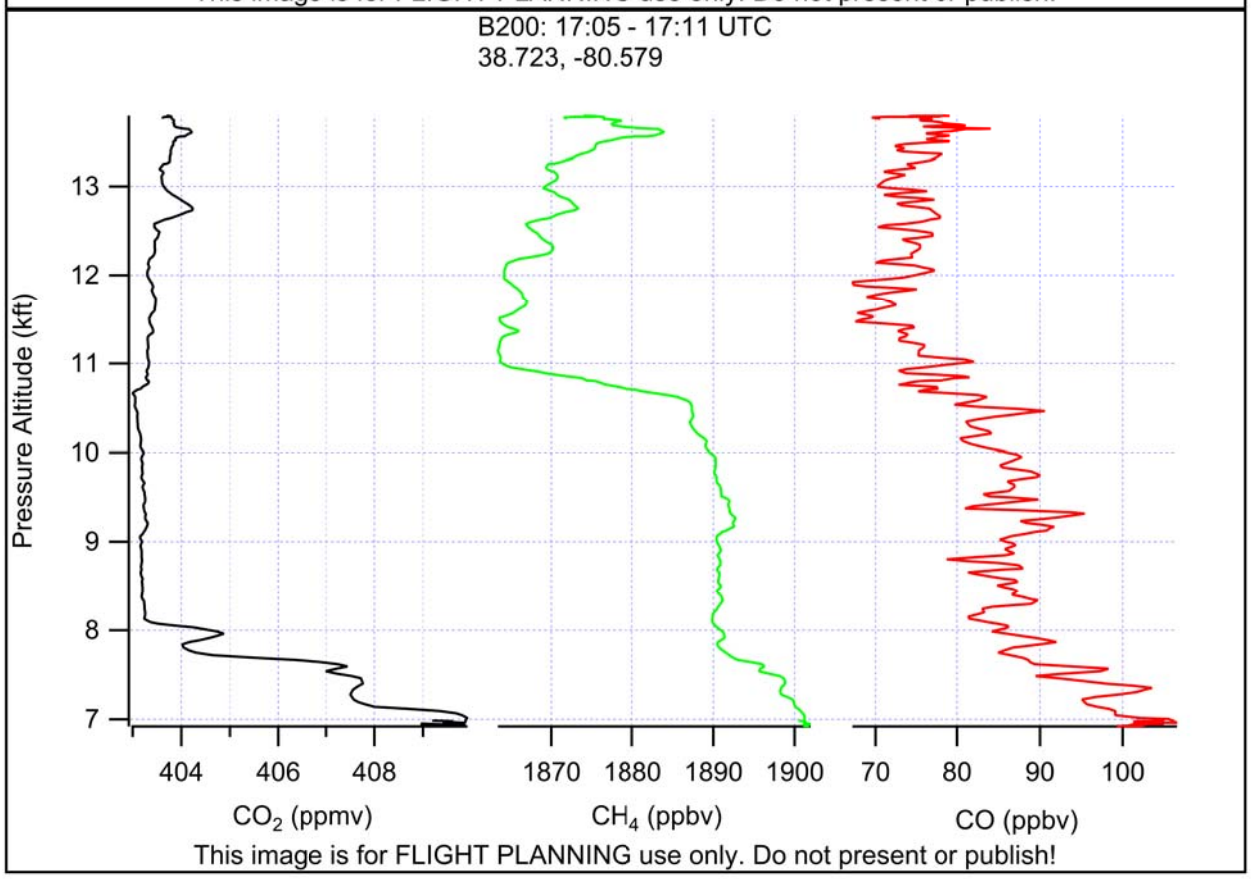

C130: 15:31 - 15:56 UTC
37.541, -76.134
Pressure Altitude (kft)
20
15
10
5
0
405
410
415
420
1880
1920
1960
CO2 (ppmv)
CH4 (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

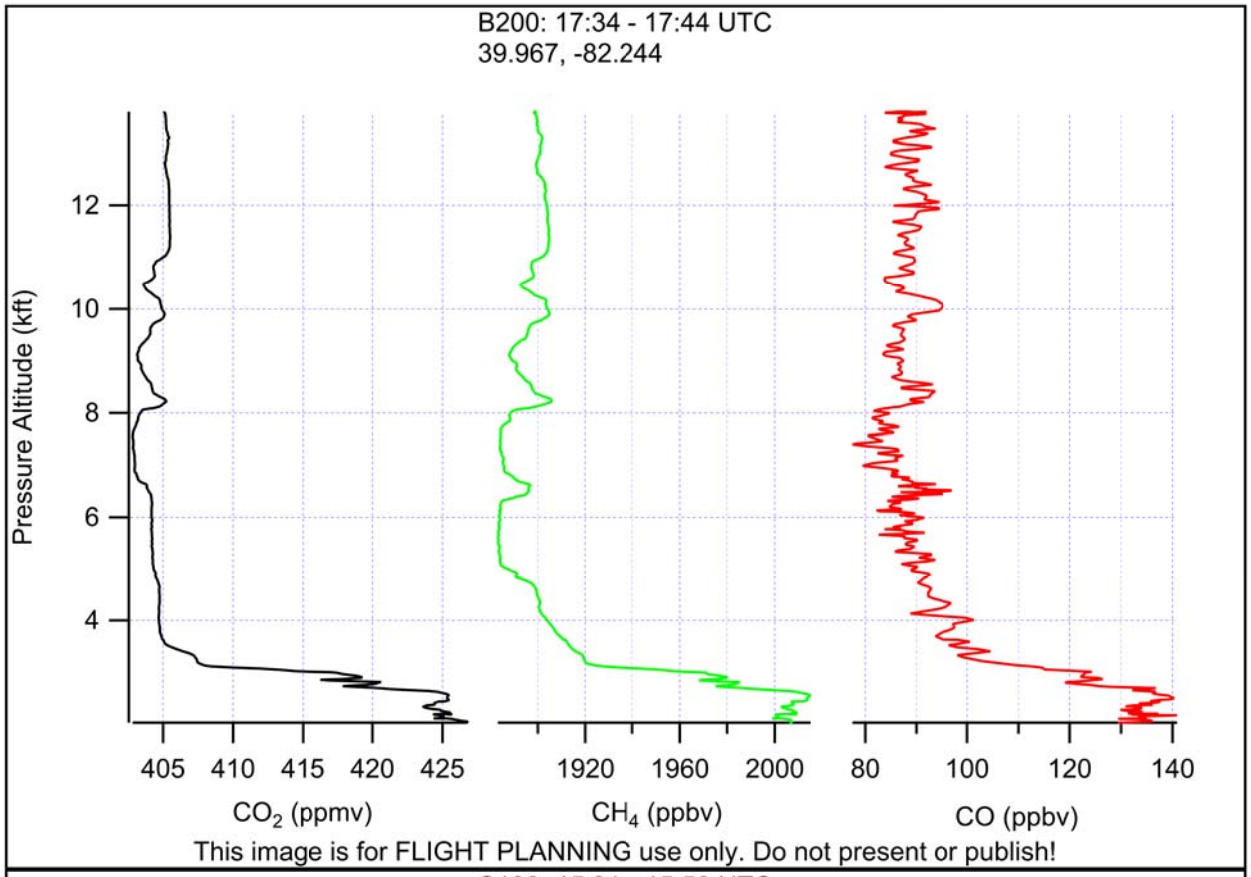

C130: 16:33 - 16:44 UTC
38.555, -80.325
Pressure Altitude (kft)
20
18
16
14
403.3
403.4
403.5
403.6
403.7
403.8
1865
1870
1875
1880
1885
CO2 (ppmv)
CH4 (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

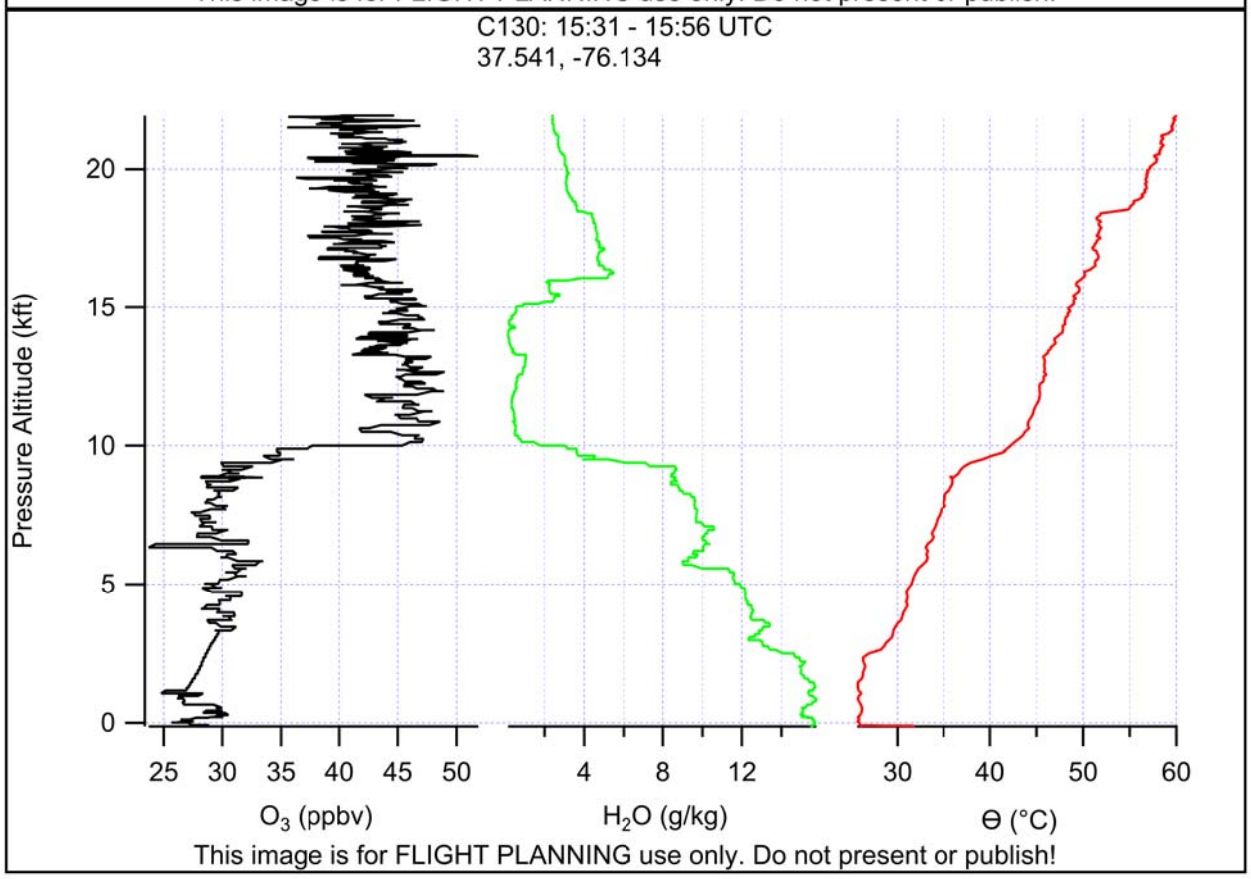

C130: 17:00 - 17:14 UTC
39.991, -82.349
Pressure Altitude (kft)
20
15
10
5
405 410 415 420 425
CO_2 (ppmv)
1880 1900 1920 1940 1960
CH_4 (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

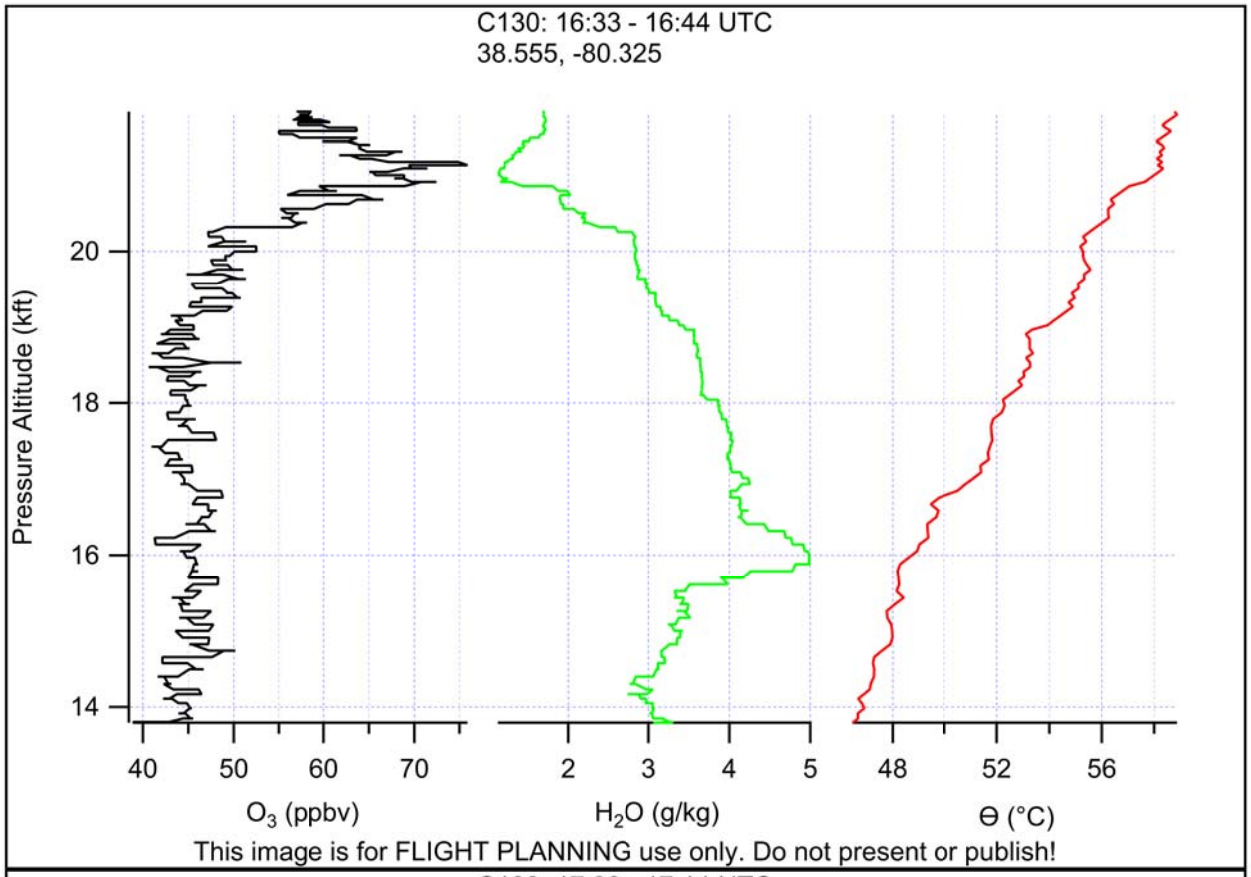

C130: 18:05 - 18:21 UTC
42.814, -84.977
Pressure Altitude (kft)
12
10
8
6
4
2
404 408 412 416
CO_2 (ppmv)
1900 1920 1940 1960 1980
CH_4 (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

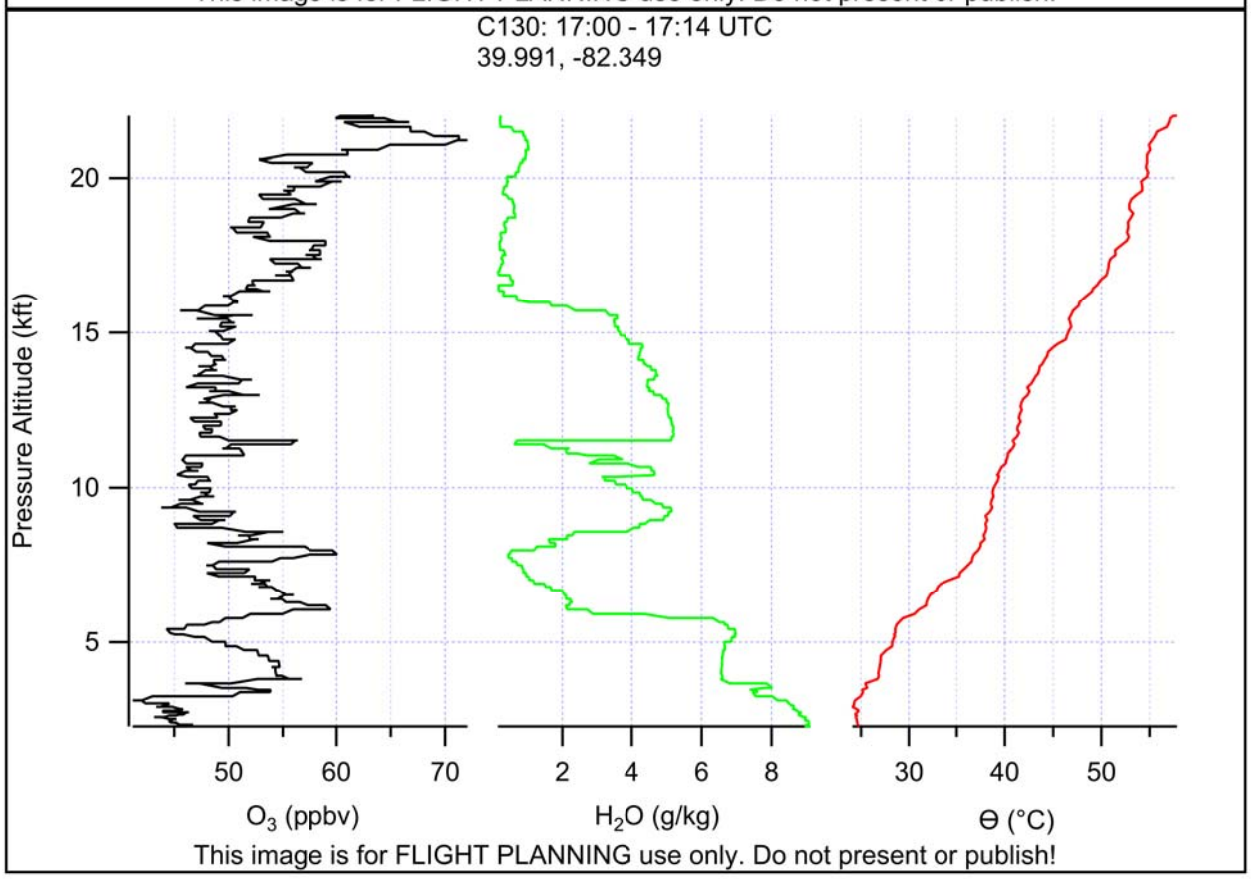

B200: 16:00 - 16:11 UTC
37.029, -76.657
Pressure Altitude (kft)
0
2
4
6
8
10
12
405 410 415 420 425
CO2 (ppmv)
1860 1880 1900 1920 1940
CH4 (ppbv)
80 120 160 200
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

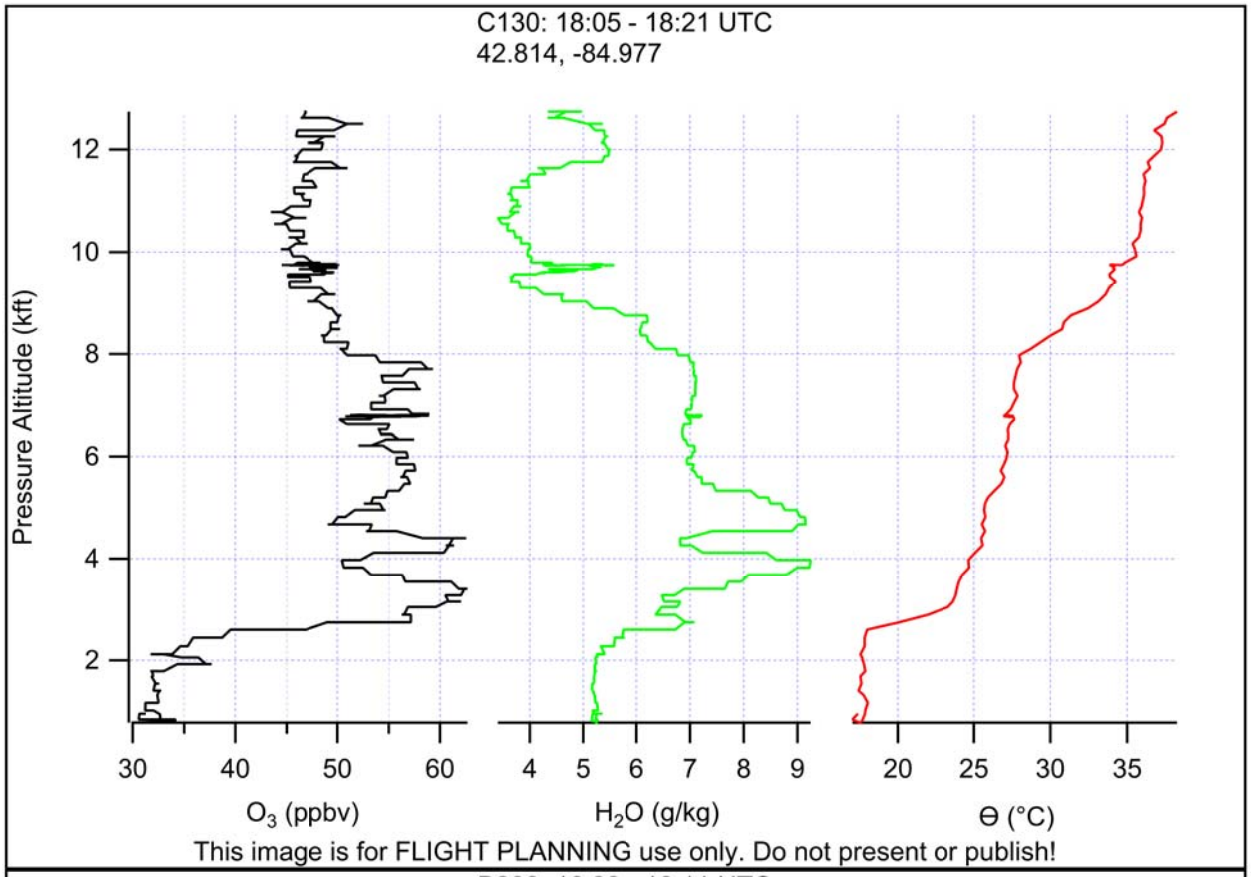

B200: 17:05 - 17:11 UTC
38.723, -80.579
Pressure Altitude (kft)
7
8
9
10
11
12
13
404 406 408
CO2 (ppmv)
1870 1880 1890 1900
CH4 (ppbv)
70 80 90 100
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

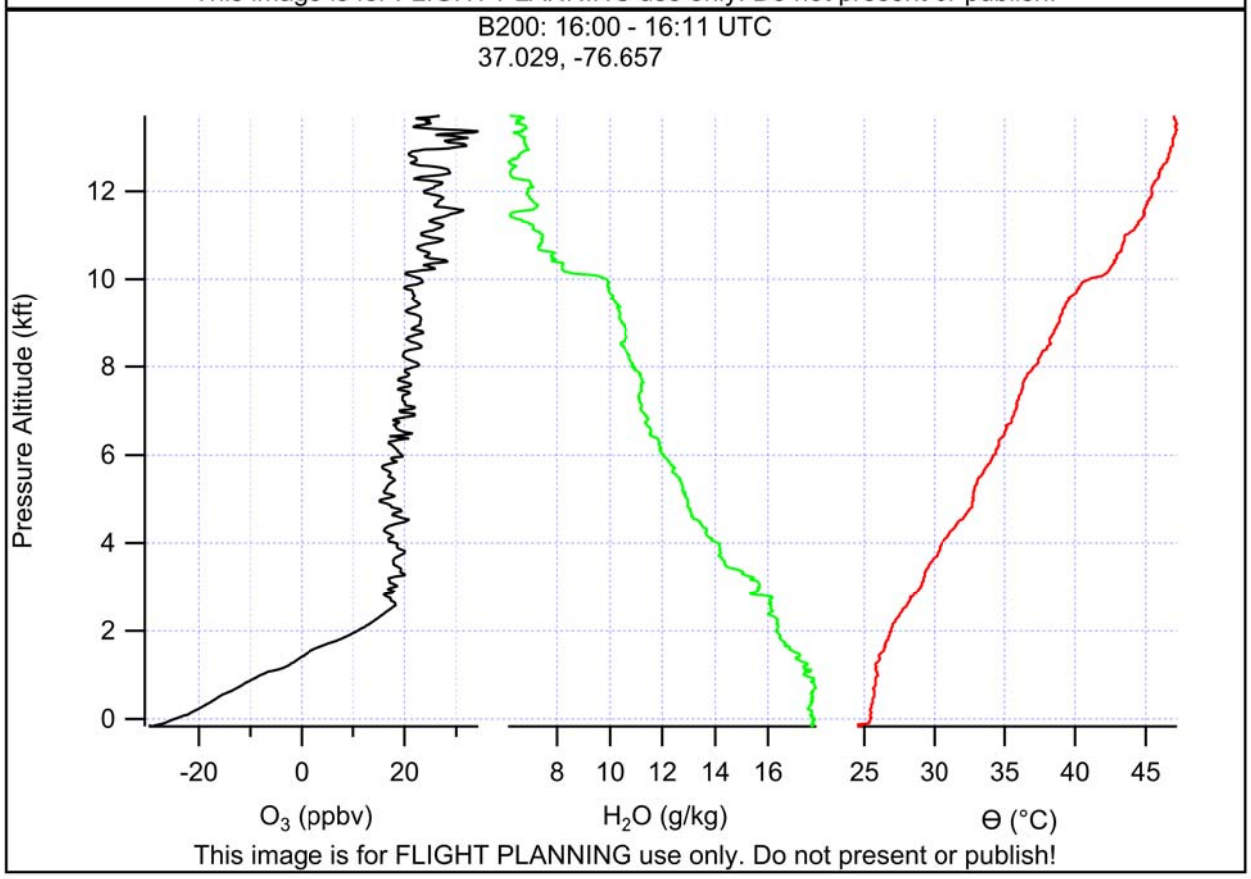

B200: 17:34 - 17:44 UTC
39.967, -82.244
Pressure Altitude (kft)
12
10
8
6
4
405 410 415 420 425
CO2 (ppmv)
1920 1960 2000
CH4 (ppbv)
80 100 120 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

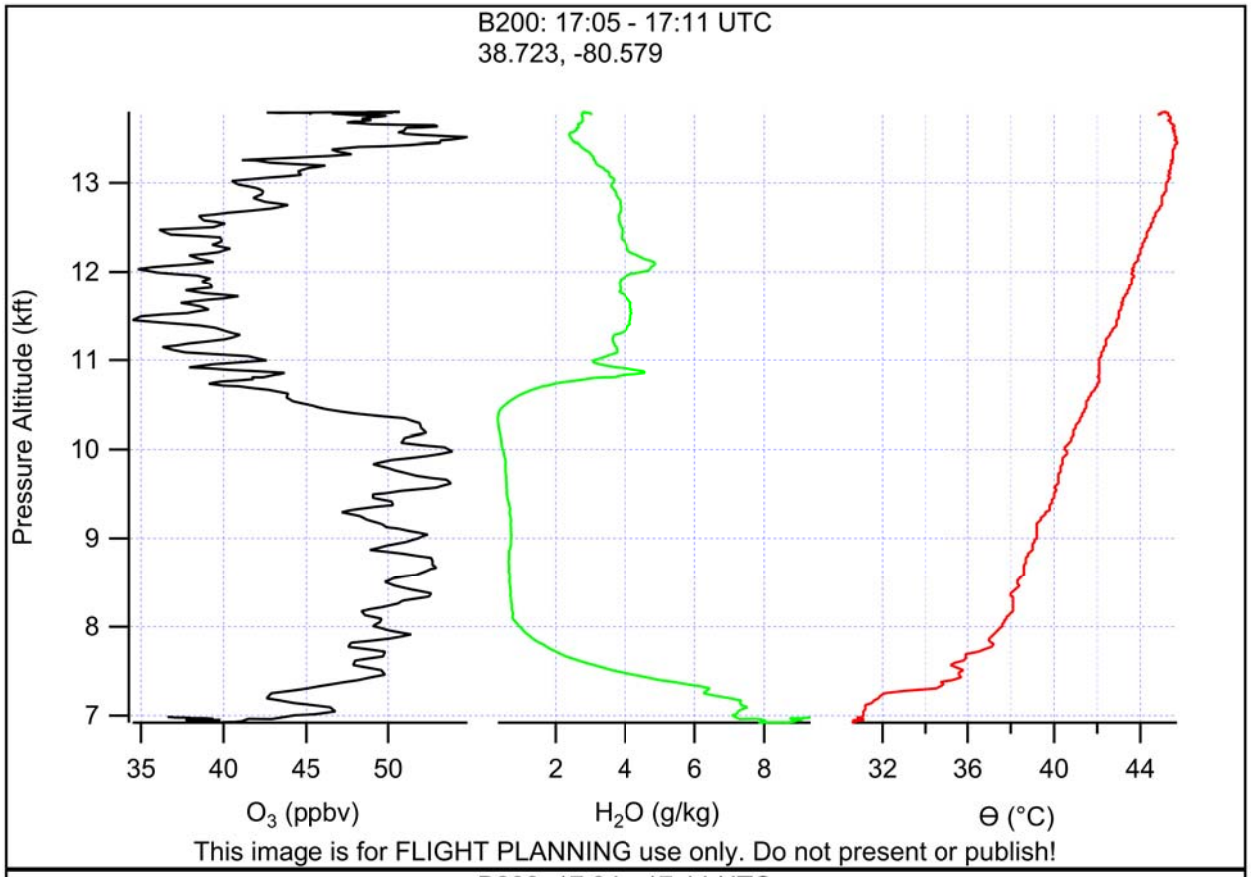

C130: 15:31 - 15:56 UTC
37.541, -76.134
Pressure Altitude (kft)
20
15
10
5
0
25 30 35 40 45 50
O3 (ppbv)
4 8 12
H2O (g/kg)
30 40 50 60
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

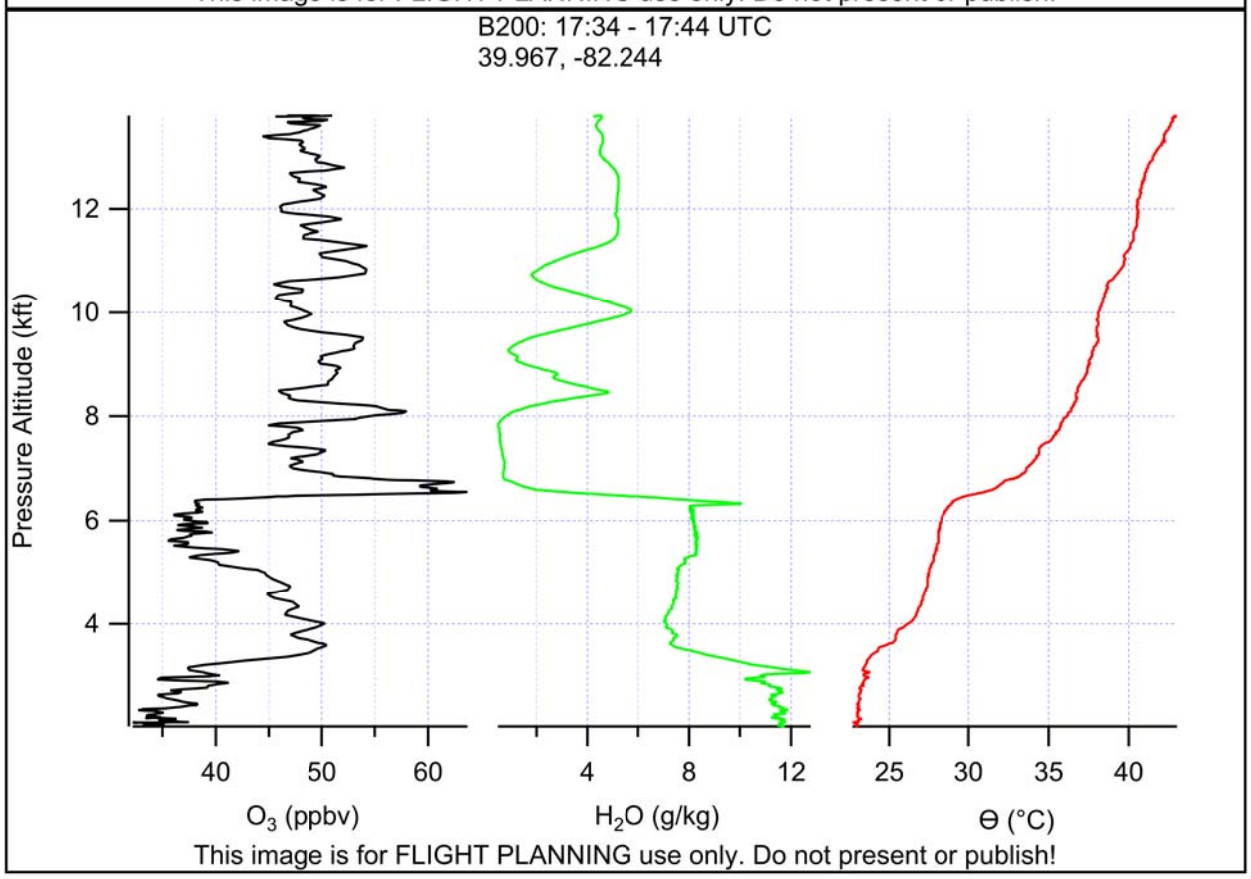

C130: 16:33 - 16:44 UTC
38.555, -80.325
Pressure Altitude (kft)
20
18
16
14
40
50
60
70
O3 (ppbv)
2
3
4
5
H2O (g/kg)
48
52
56
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:00 - 17:14 UTC
39.991, -82.349
Pressure Altitude (kft)
20
15
10
5
50
60
70
O3 (ppbv)
2
4
6
8
H2O (g/kg)
30
40
50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:05 - 18:21 UTC
42.814, -84.977
Pressure Altitude (kft)
12
10
8
6
4
2
30
40
50
60
O_3 (ppbv)
4
5
6
7
8
9
H_2O (g/kg)
20
25
30
35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 16:00 - 16:11 UTC
37.029, -76.657
Pressure Altitude (kft)
12
10
8
6
4
2
0
-20
0
20
O_3 (ppbv)
8
10
12
14
16
H_2O (g/kg)
25
30
35
40
45
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:05 - 17:11 UTC
38.723, -80.579
Pressure Altitude (kft)
13
12
11
10
9
8
7
35
40
45
50
O_3 (ppbv)
2
4
6
8
H_2O (g/kg)
32
36
40
44
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:34 - 17:44 UTC
39.967, -82.244
Pressure Altitude (kft)
12
10
8
6
4
40
50
60
O_3 (ppbv)
4
8
12
H_2O (g/kg)
25
30
35
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!