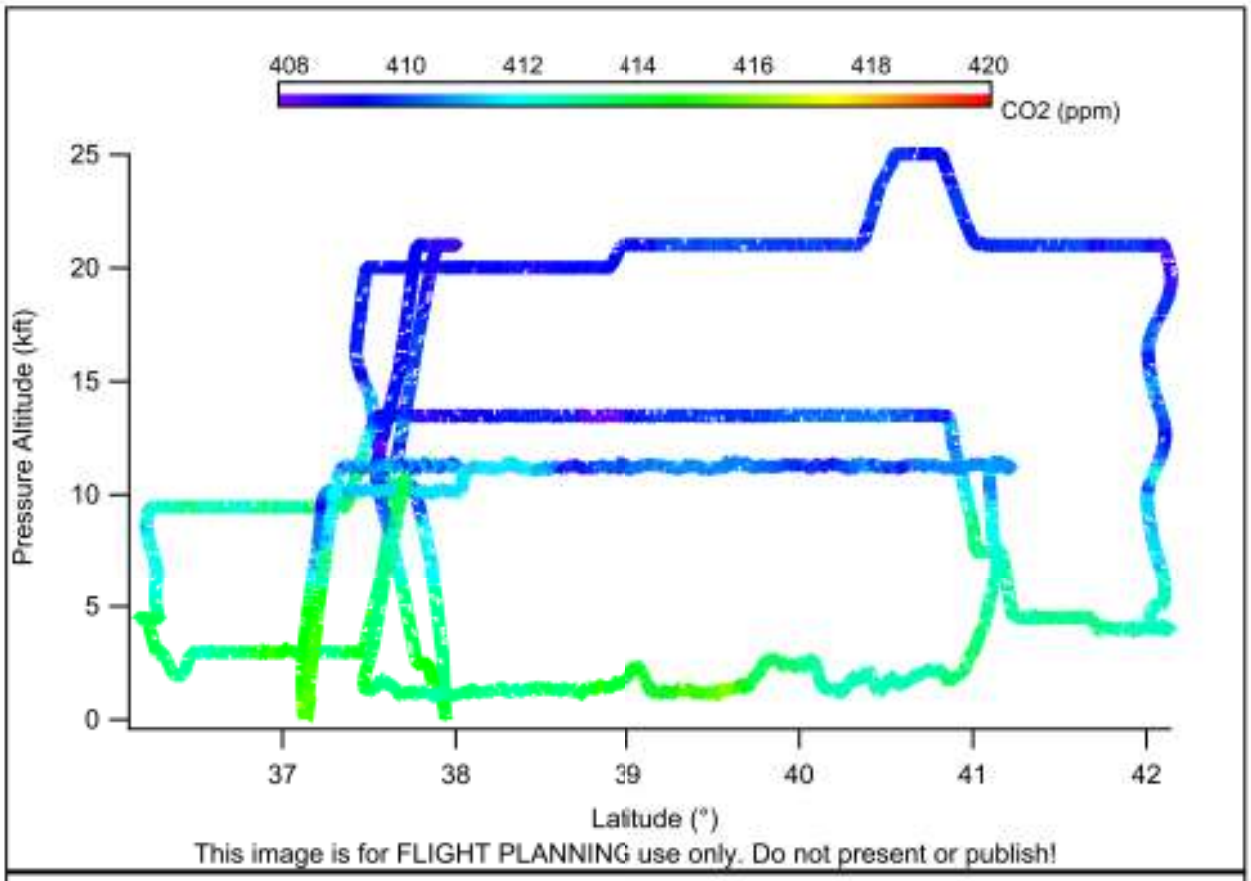
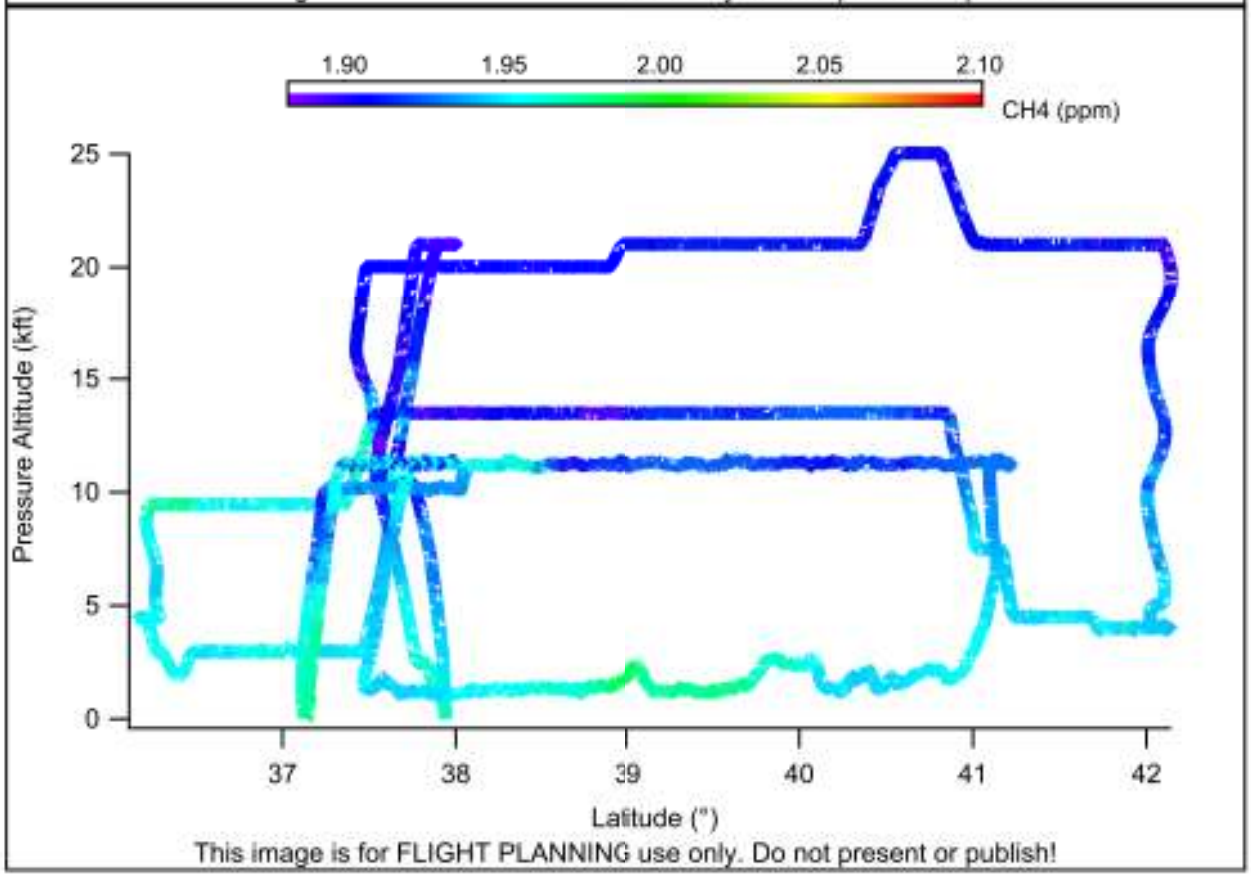
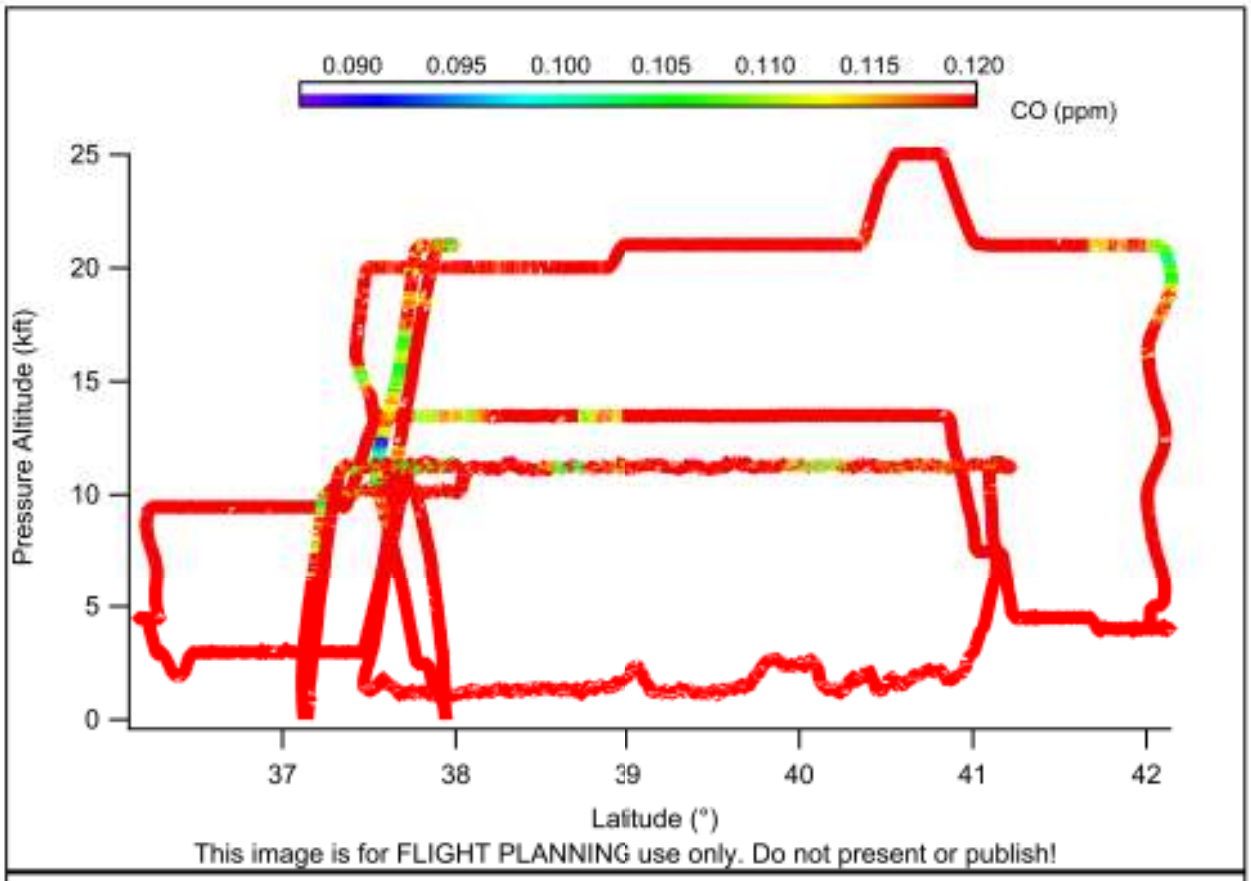
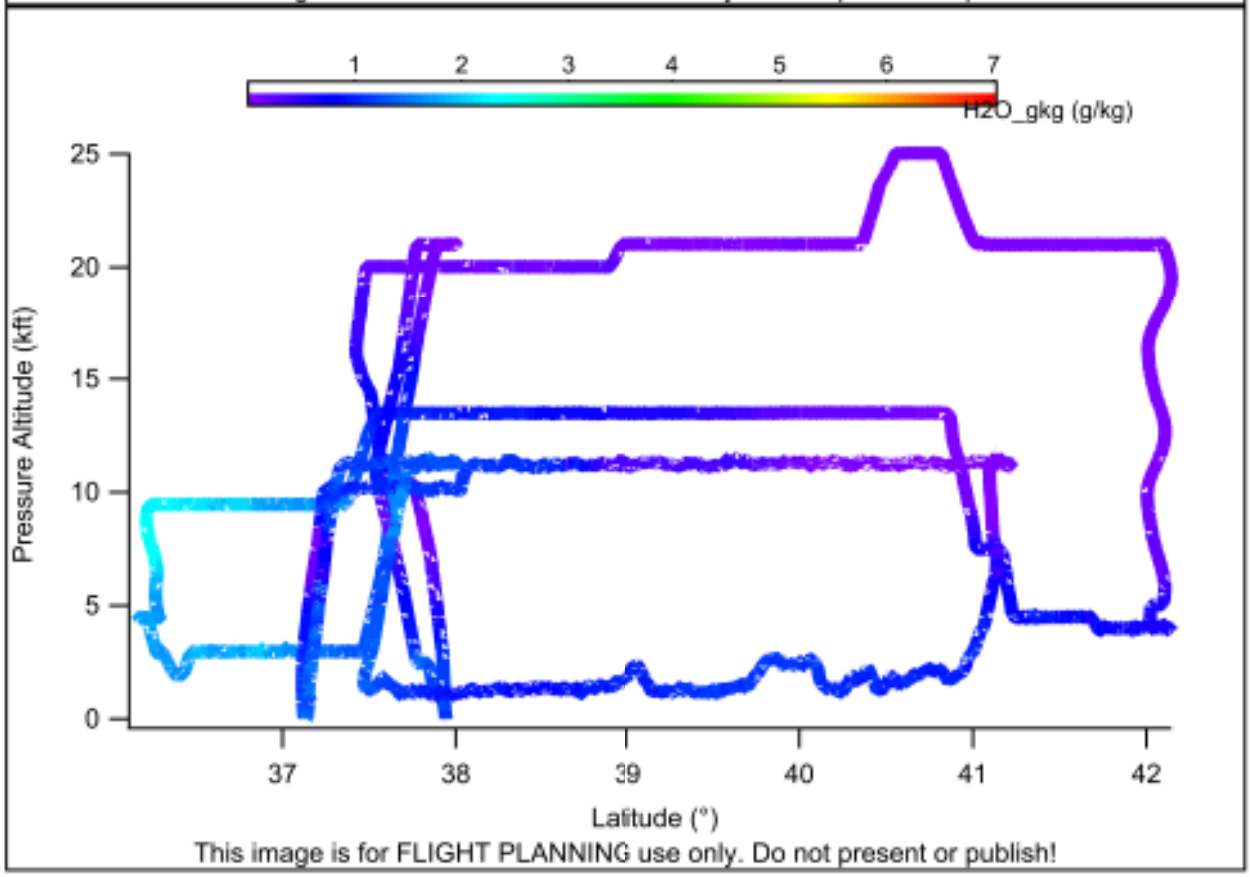
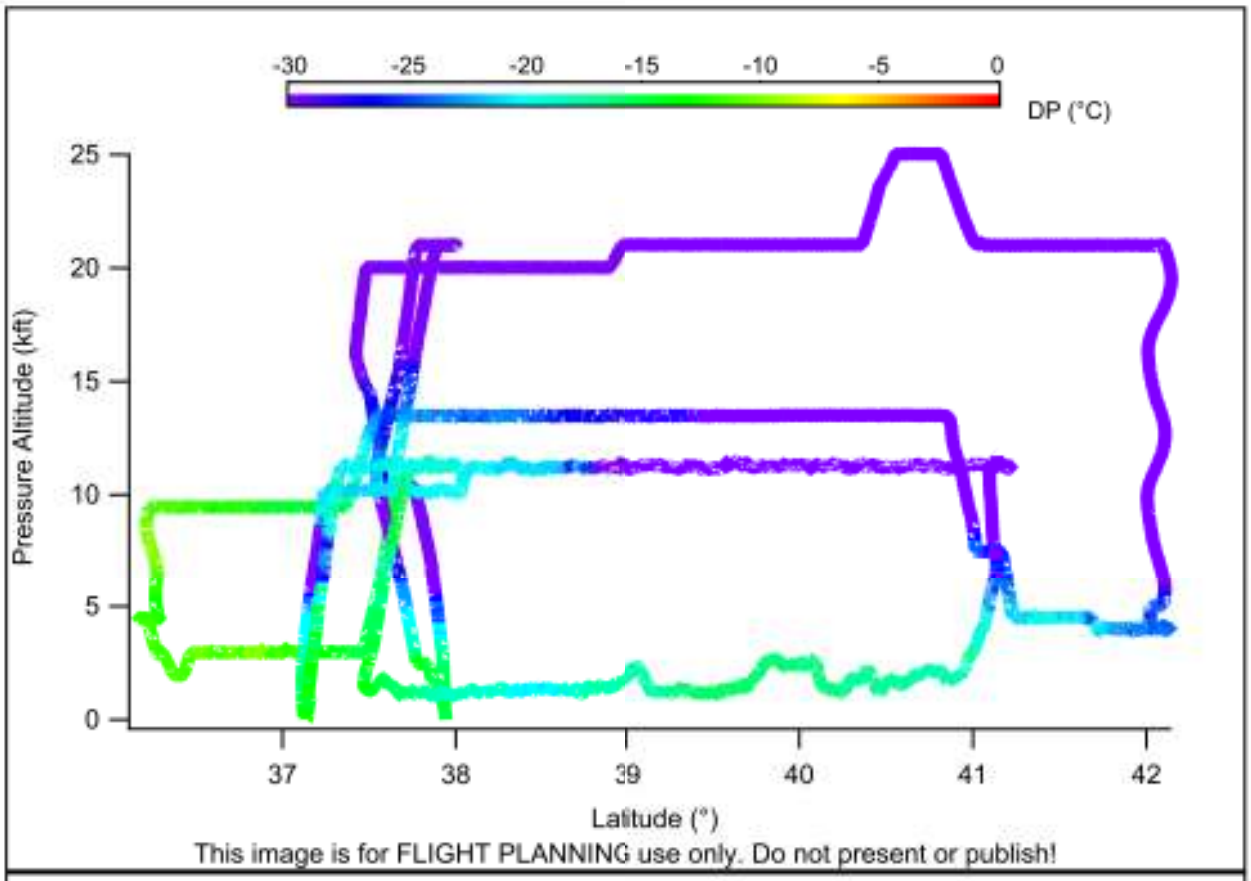
ACT-America
20170304

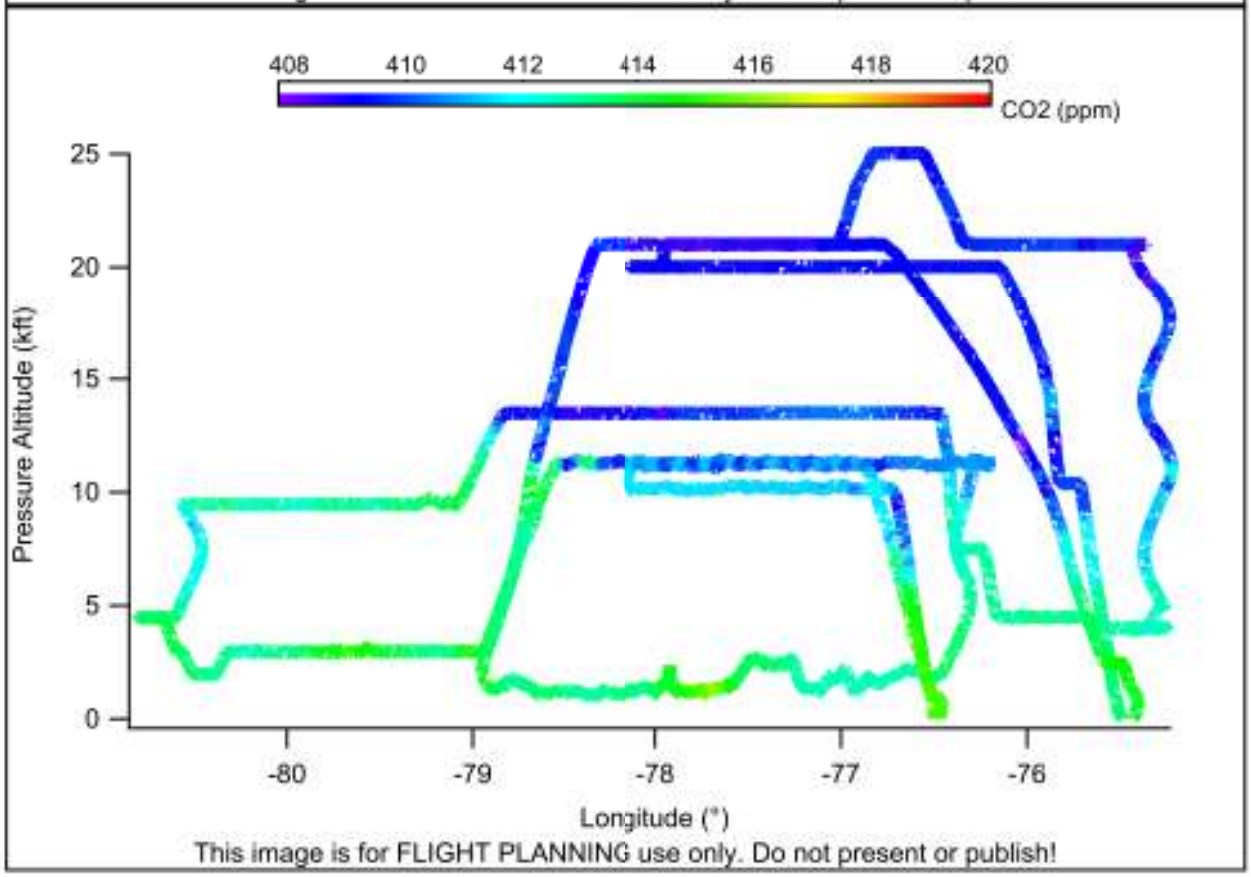

408
410
412
414
416
418
420
CO2 (ppm)
25
20
15
10
5
0
Pressure Altitude (kft)
37
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

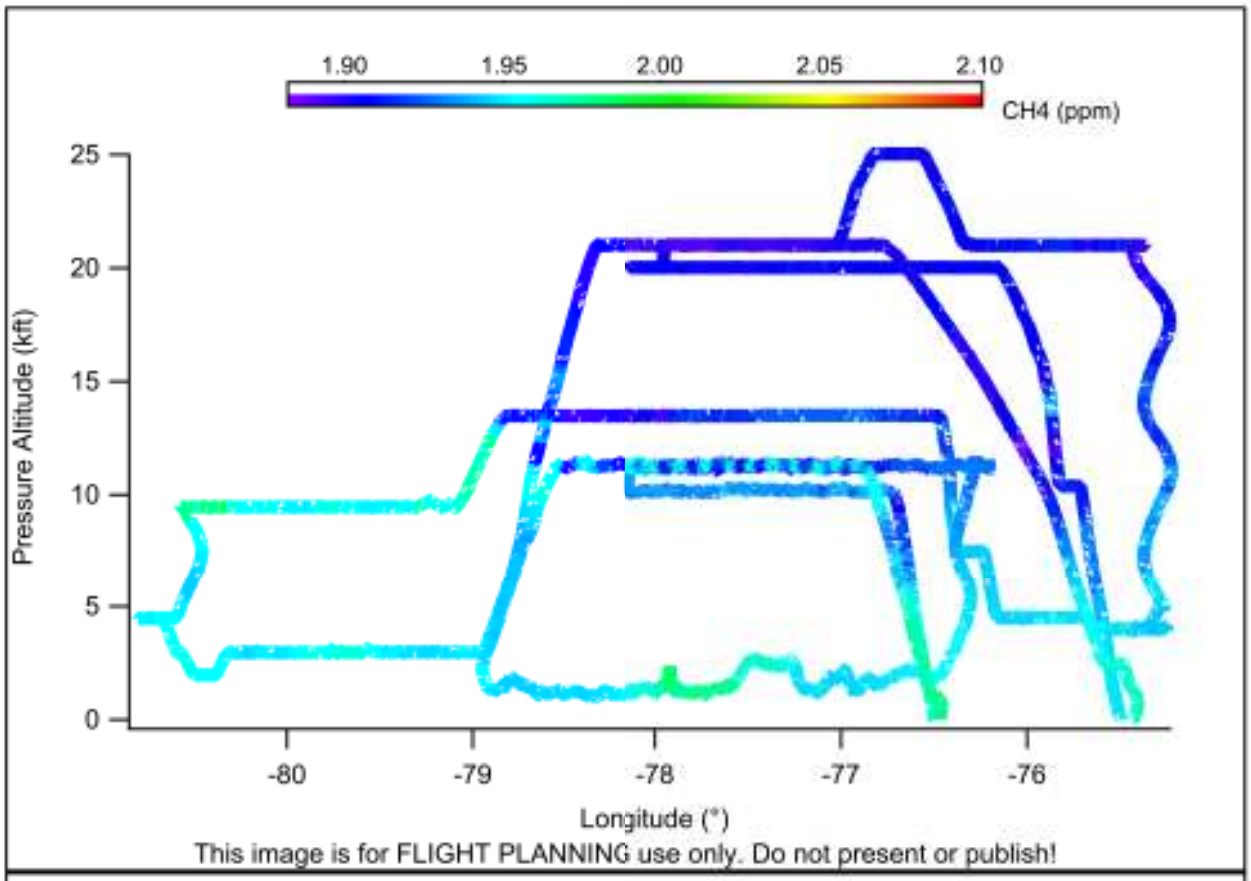

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
25
20
15
10
5
0
Pressure Altitude (kft)
37
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

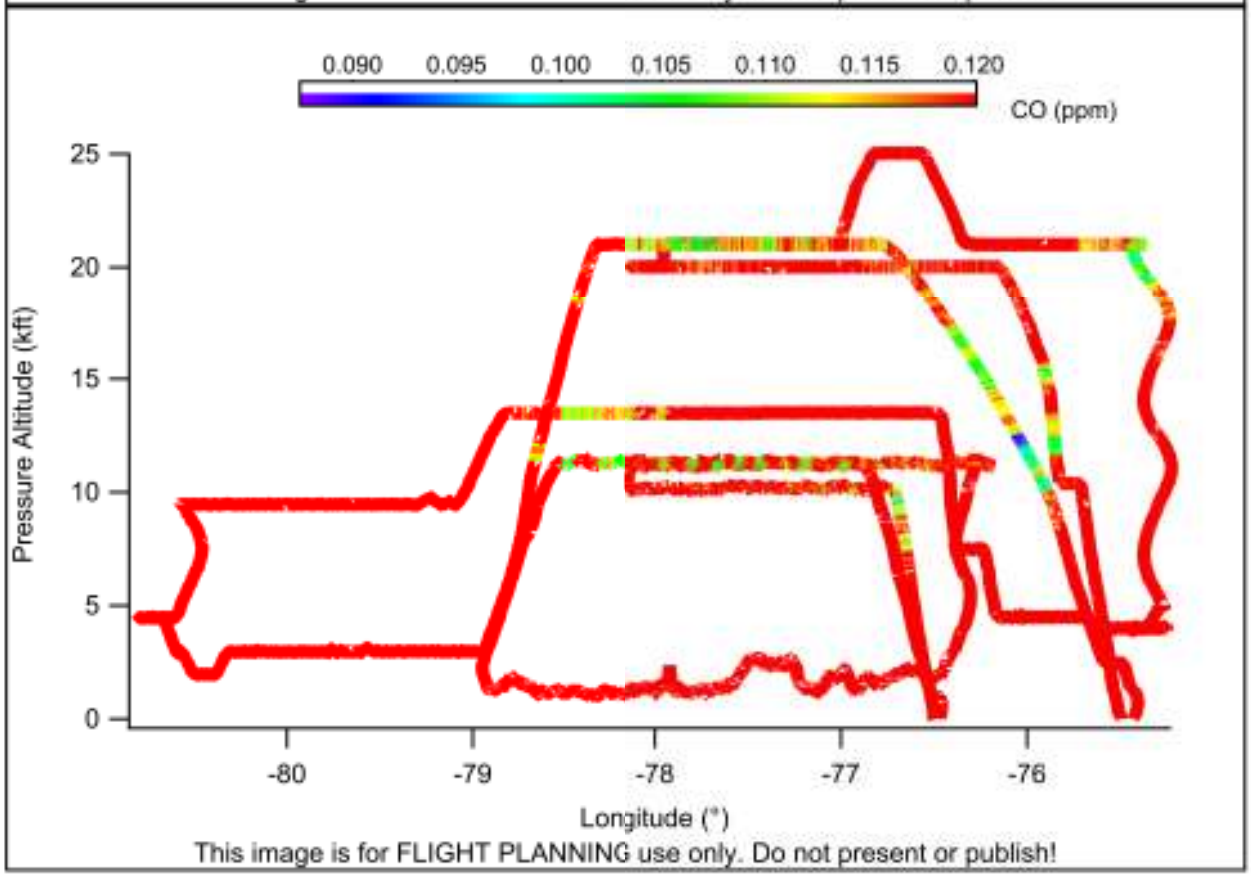

0.090
0.095
0.100
0.105
0.110
0.115
0.120
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
37
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

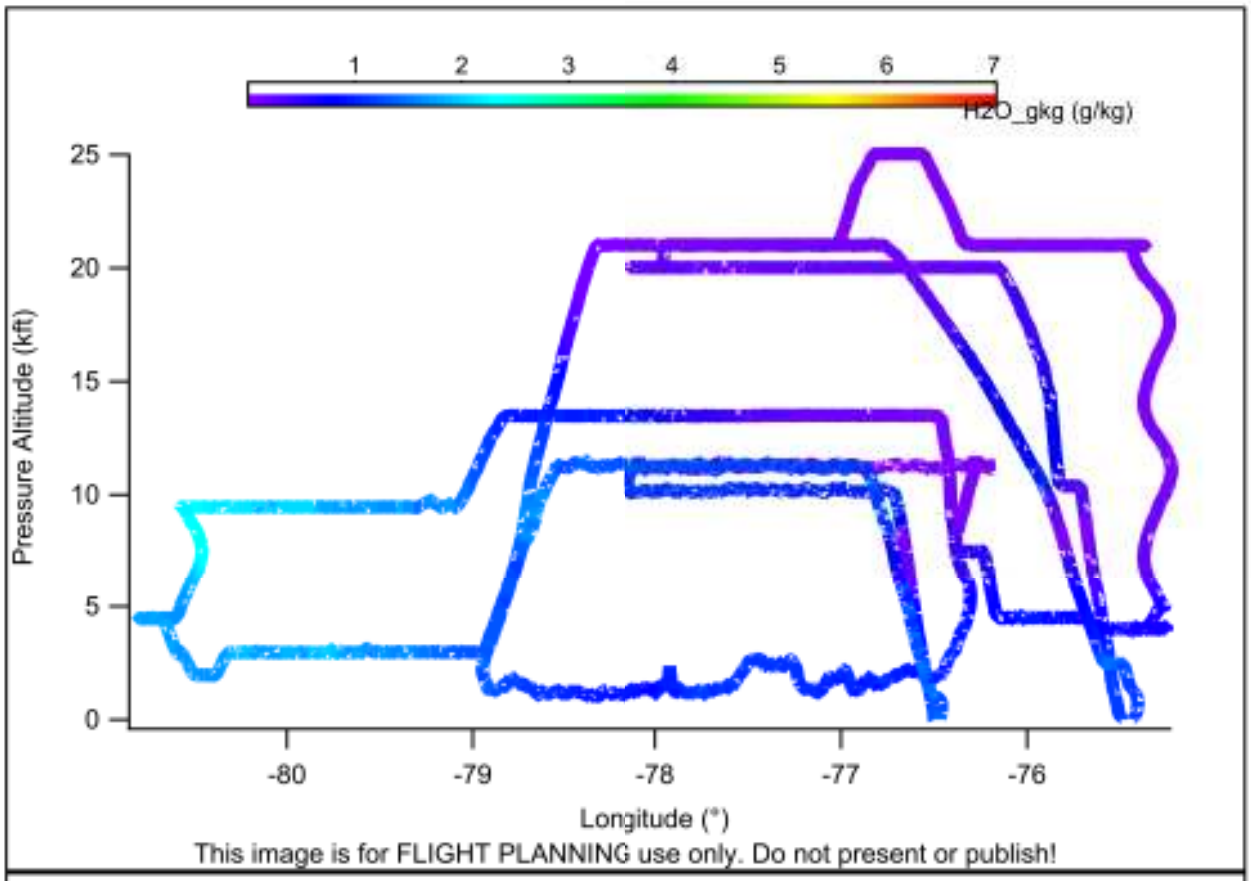

1
2
3
4
5
6
7
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
37
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

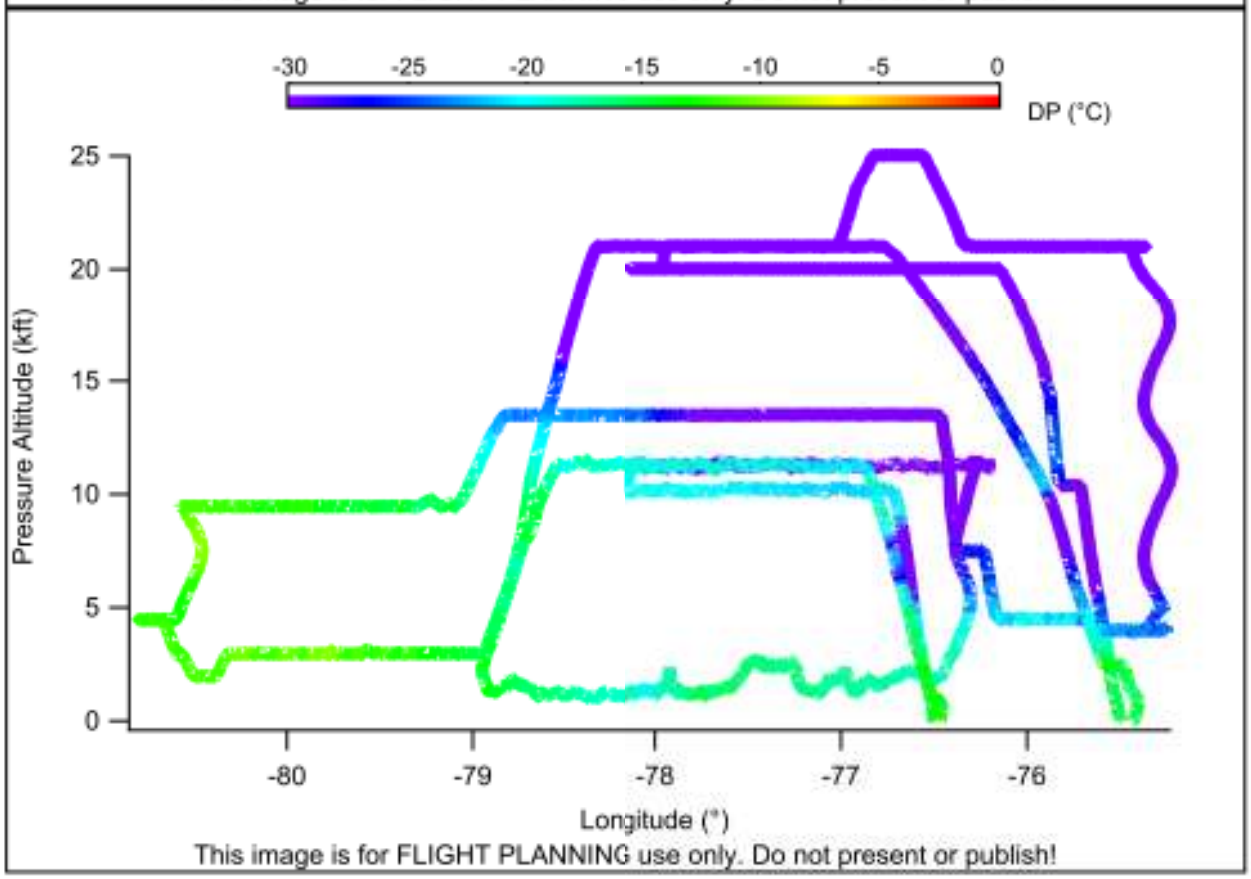

-30 -25 -20 -15 -10 -5 0
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
37 38 39 40 41 42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

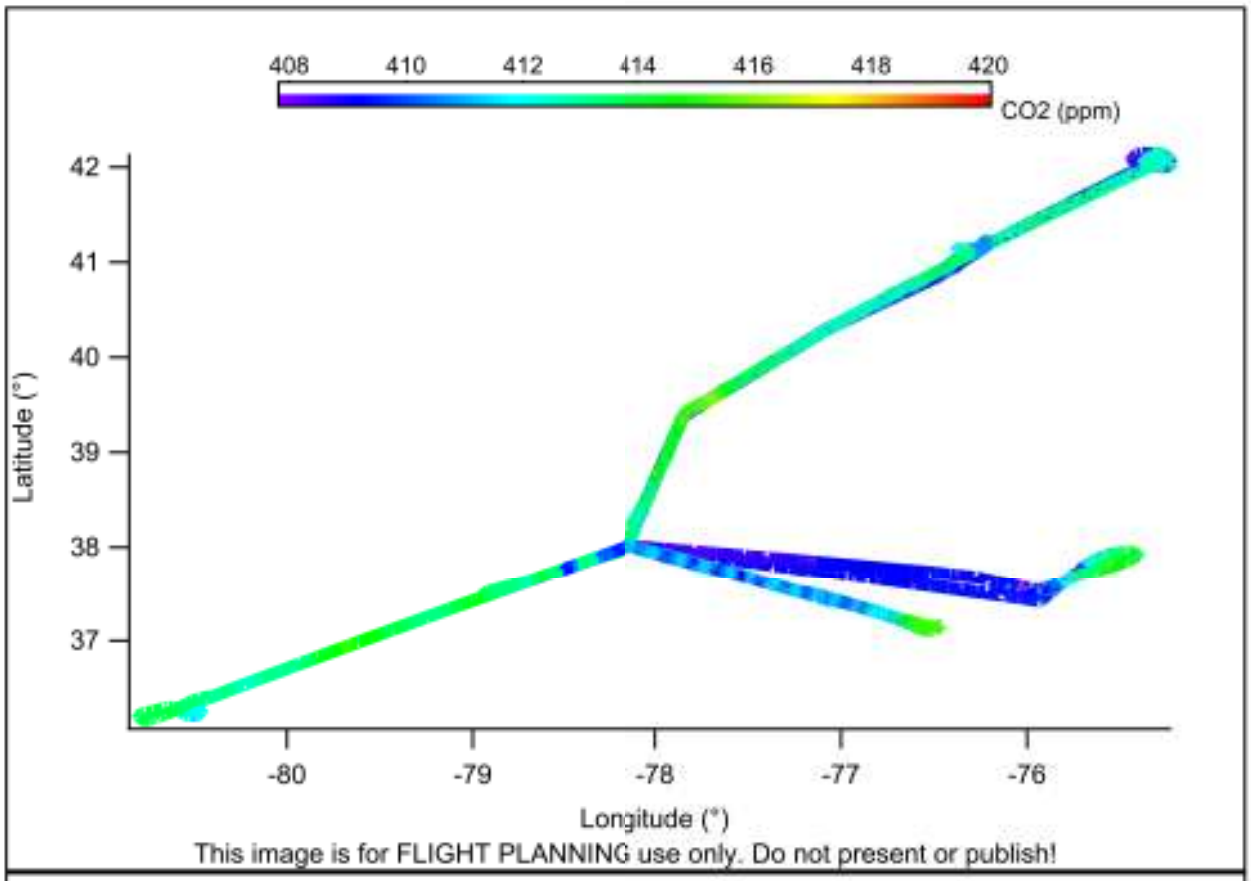

408 410 412 414 416 418 420
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-80 -79 -78 -77 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

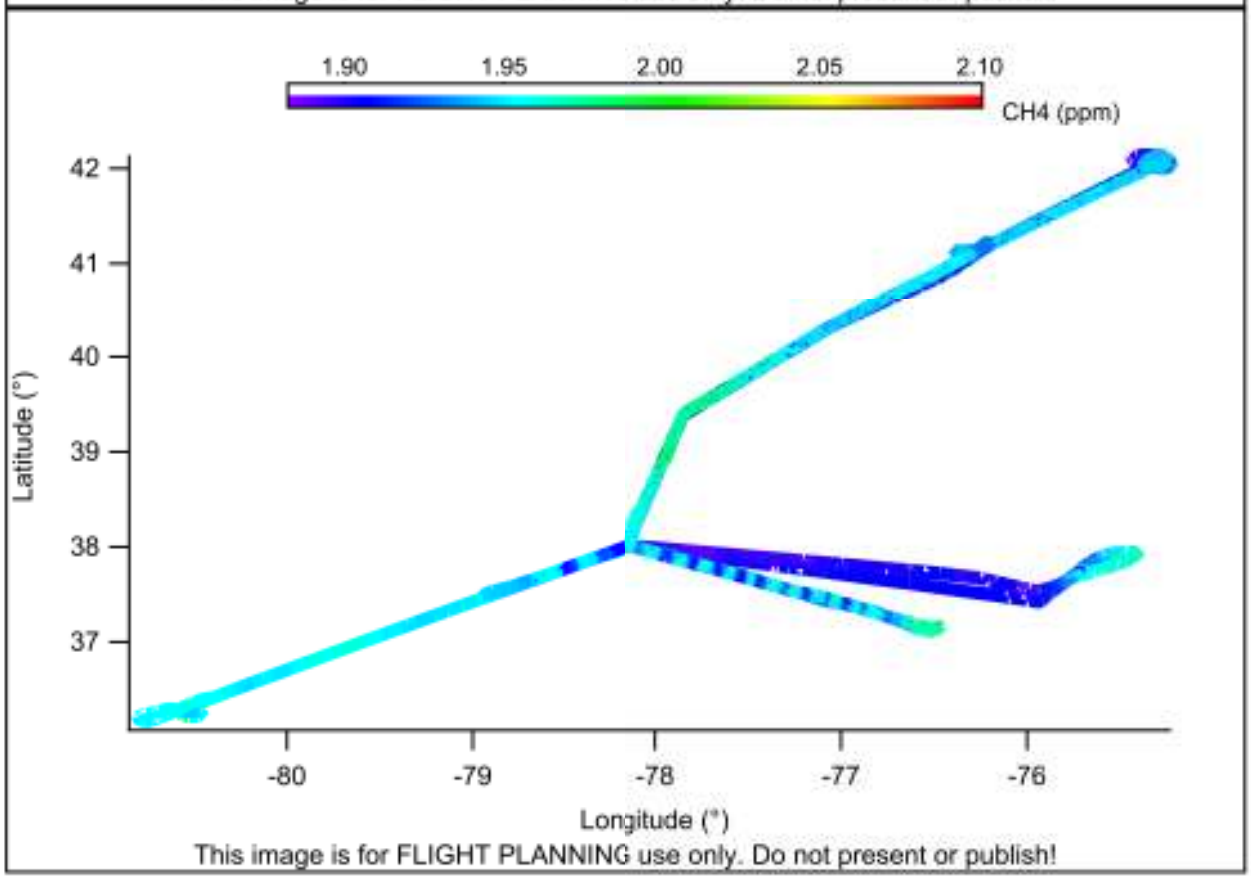

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

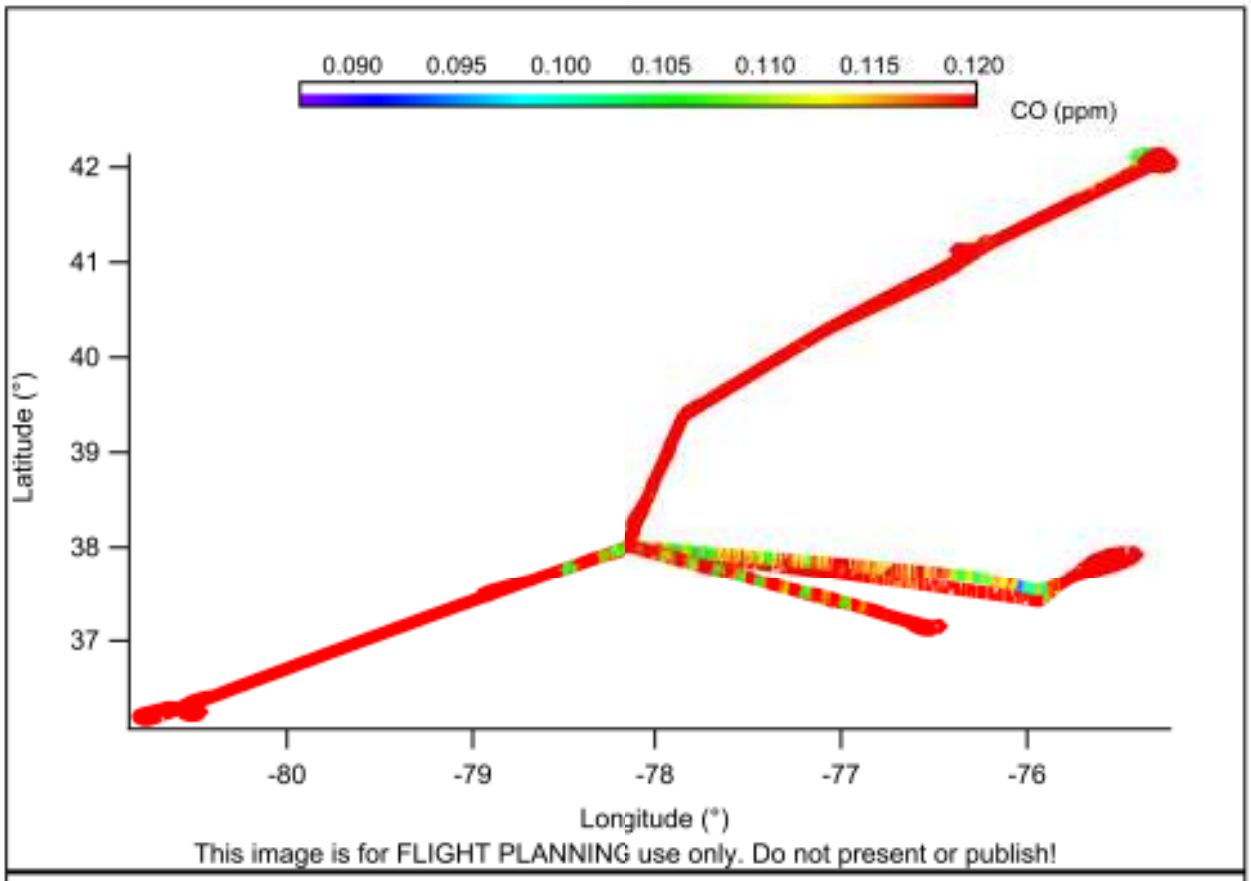

0.090
0.095
0.100
0.105
0.110
0.115
0.120
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

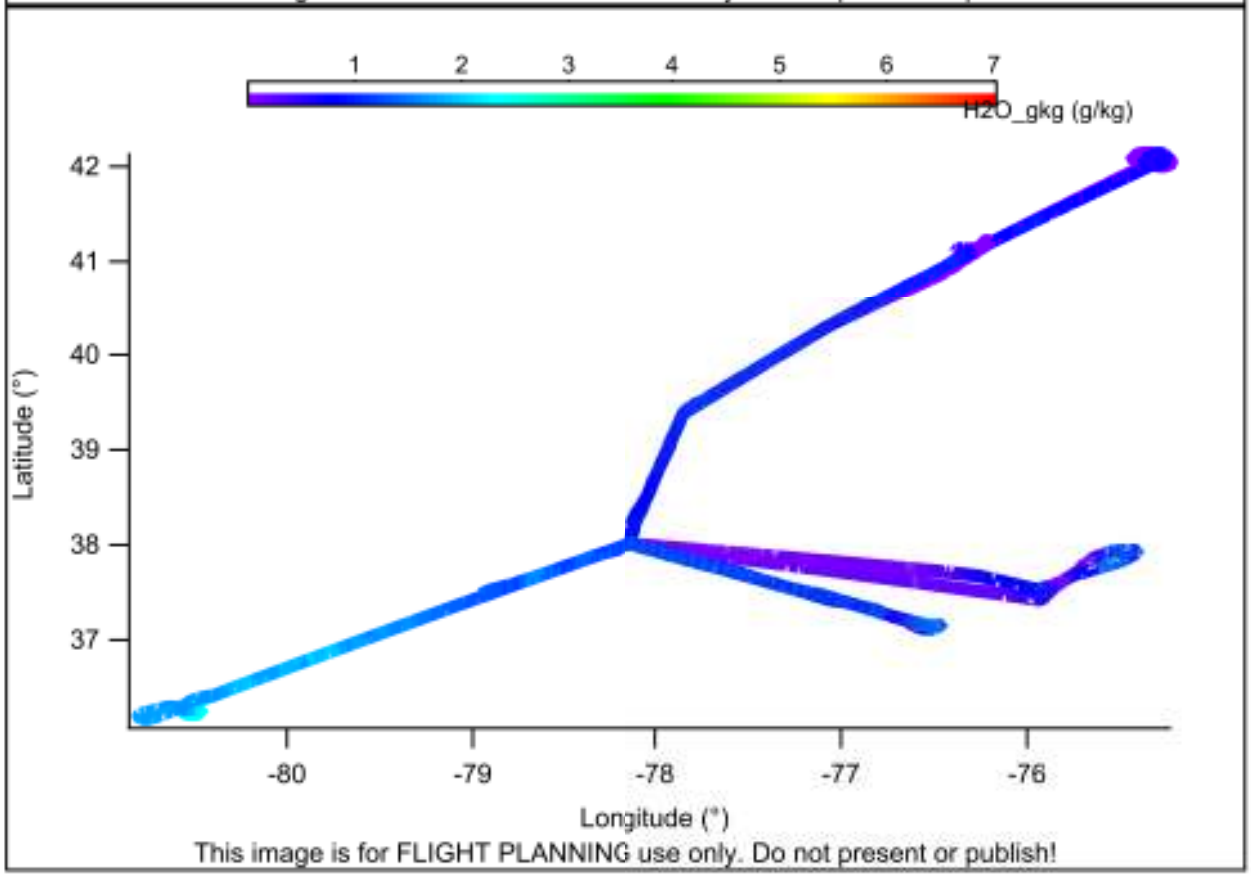

1 2 3 4 5 6 7
H2O_gkg (g/kg)
25
20
15
10
5
0
Pressure Altitude (kft)
-80 -79 -78 -77 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

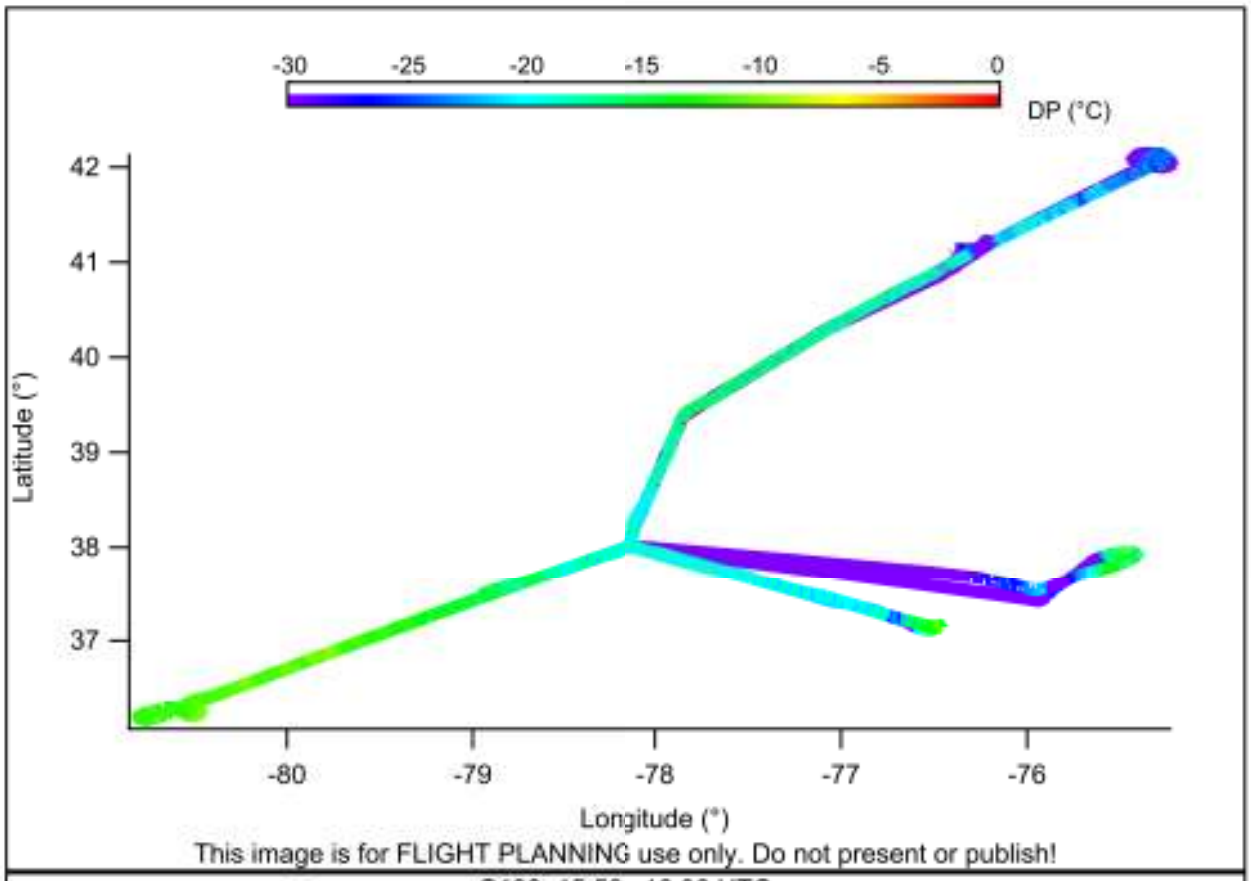

-30 -25 -20 -15 -10 -5 0
DP (°C)
25
20
15
10
5
0
Pressure Altitude (kft)
-80 -79 -78 -77 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

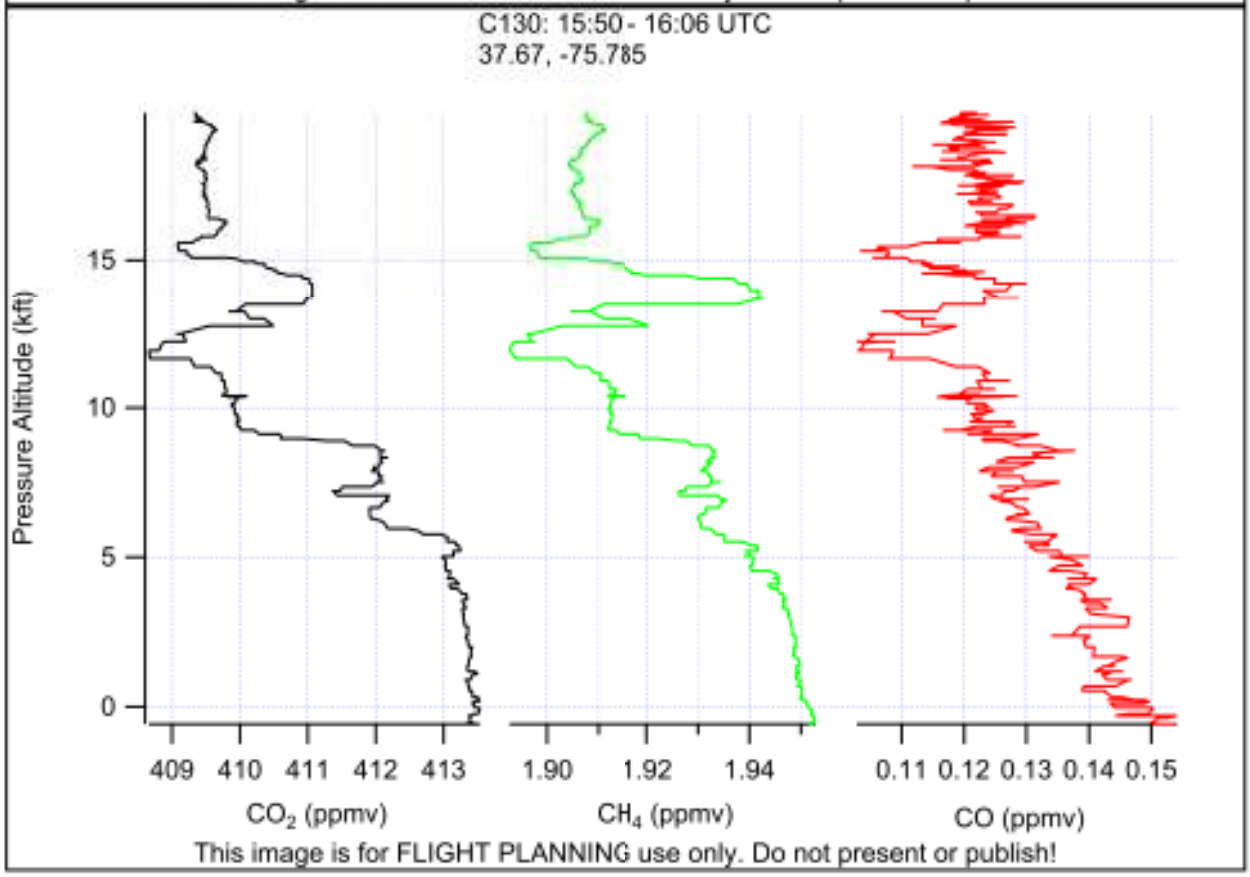

408
410
412
414
416
418
420
CO2 (ppm)
42
41
40
39
38
37
Latitude (°)
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

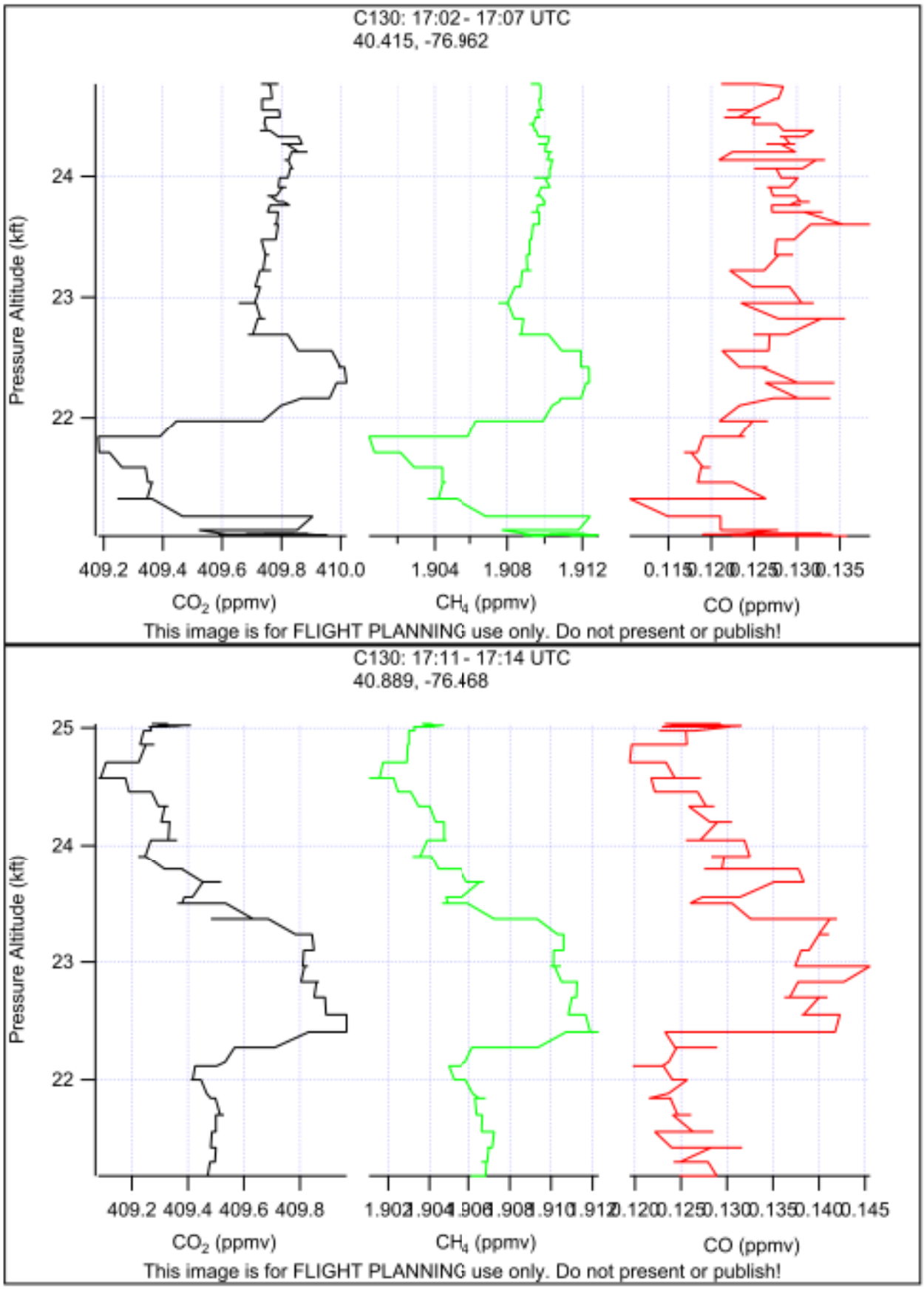

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
42
41
40
39
38
37
Latitude (°)
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

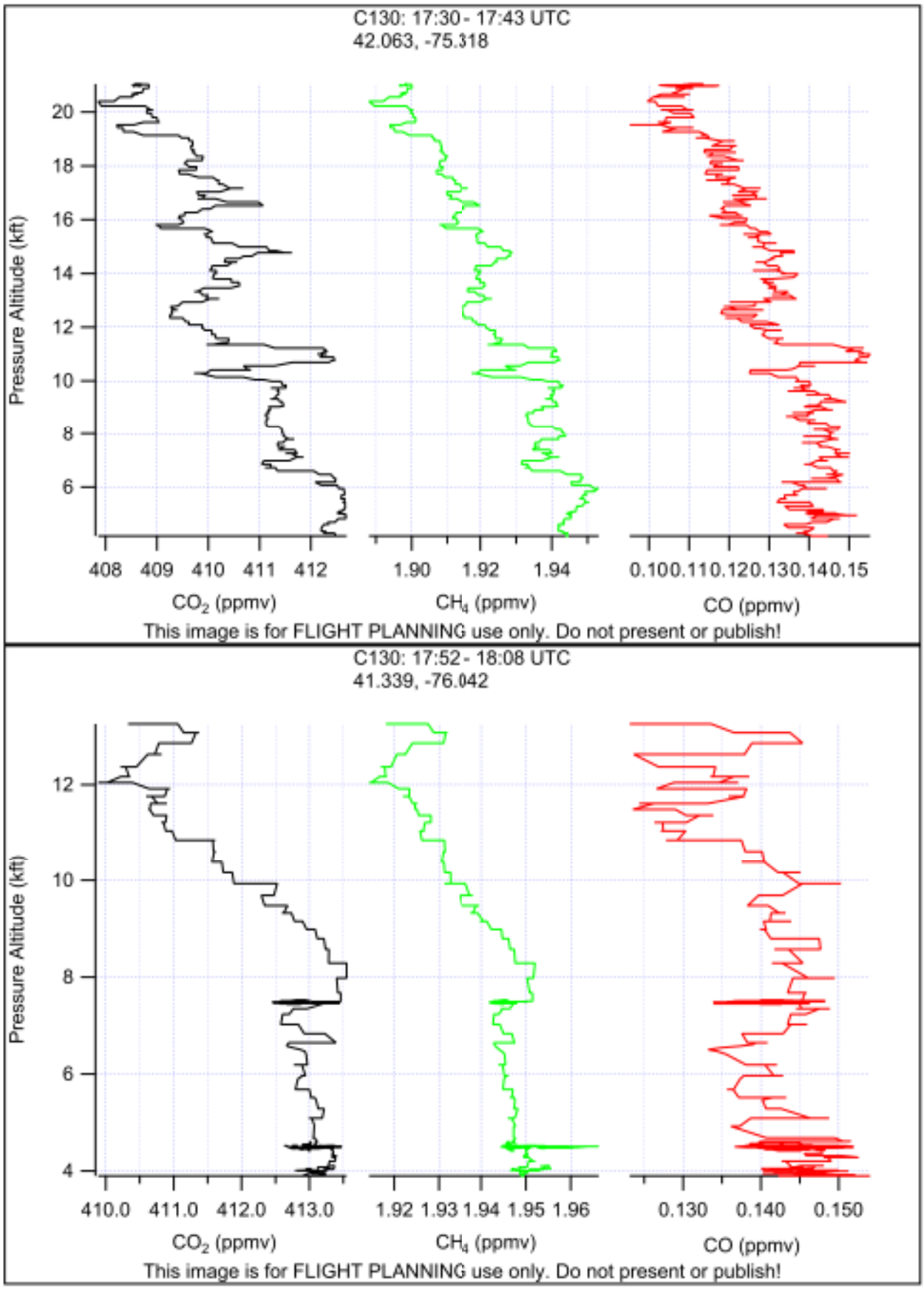

0.090 0.095 0.100 0.105 0.110 0.115 0.120
CO (ppm)
42
41
40
39
38
37
Latitude (°)
-80 -79 -78 -77 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

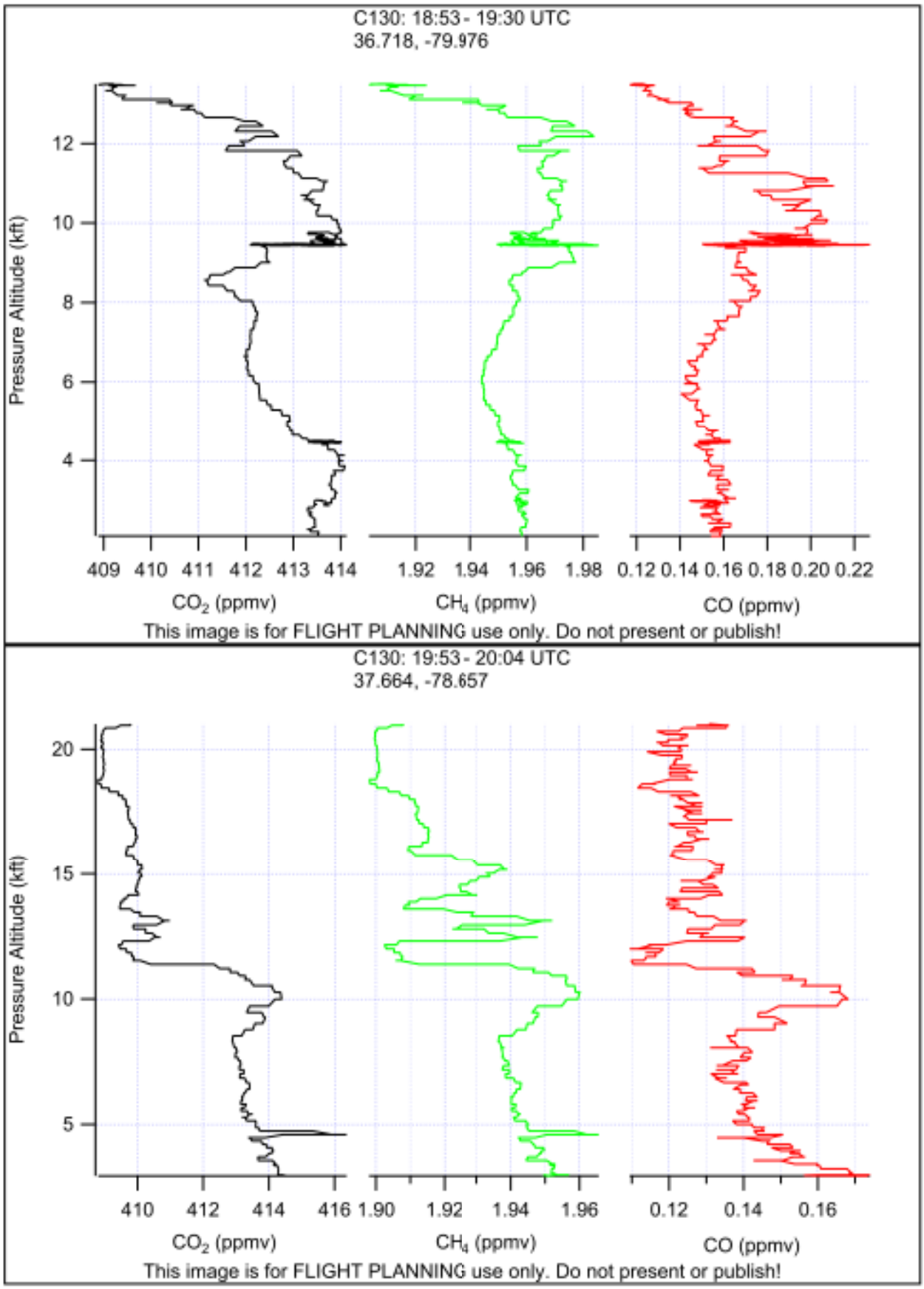

1 2 3 4 5 6 7
H2O_gkg (g/kg)
42
41
40
39
38
37
Latitude (°)
-80 -79 -78 -77 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

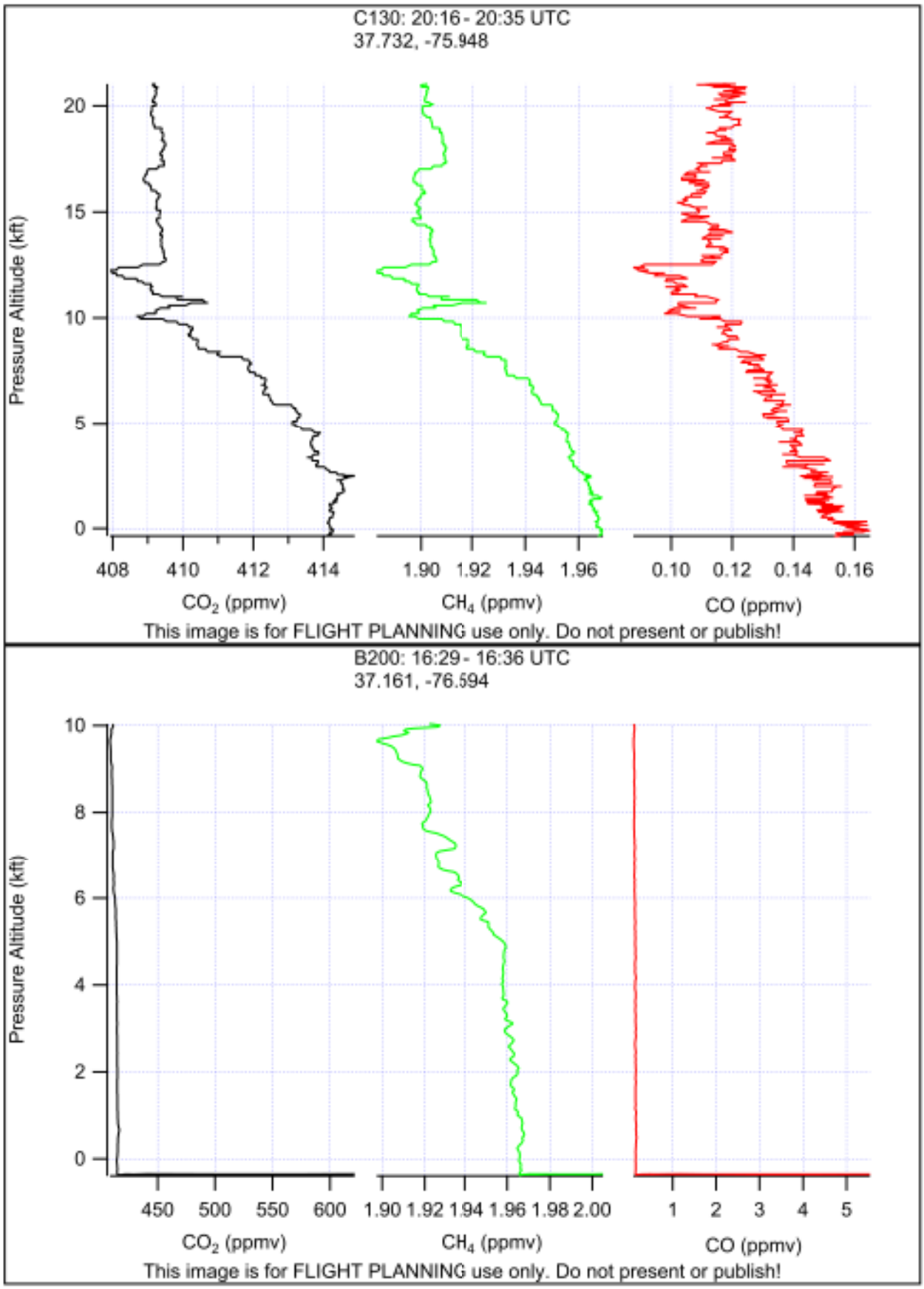

-30 -25 -20 -15 -10 -5 0
DP (°C)
42
41
40
39
38
37
Latitude (°)
-80 -79 -78 -77 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

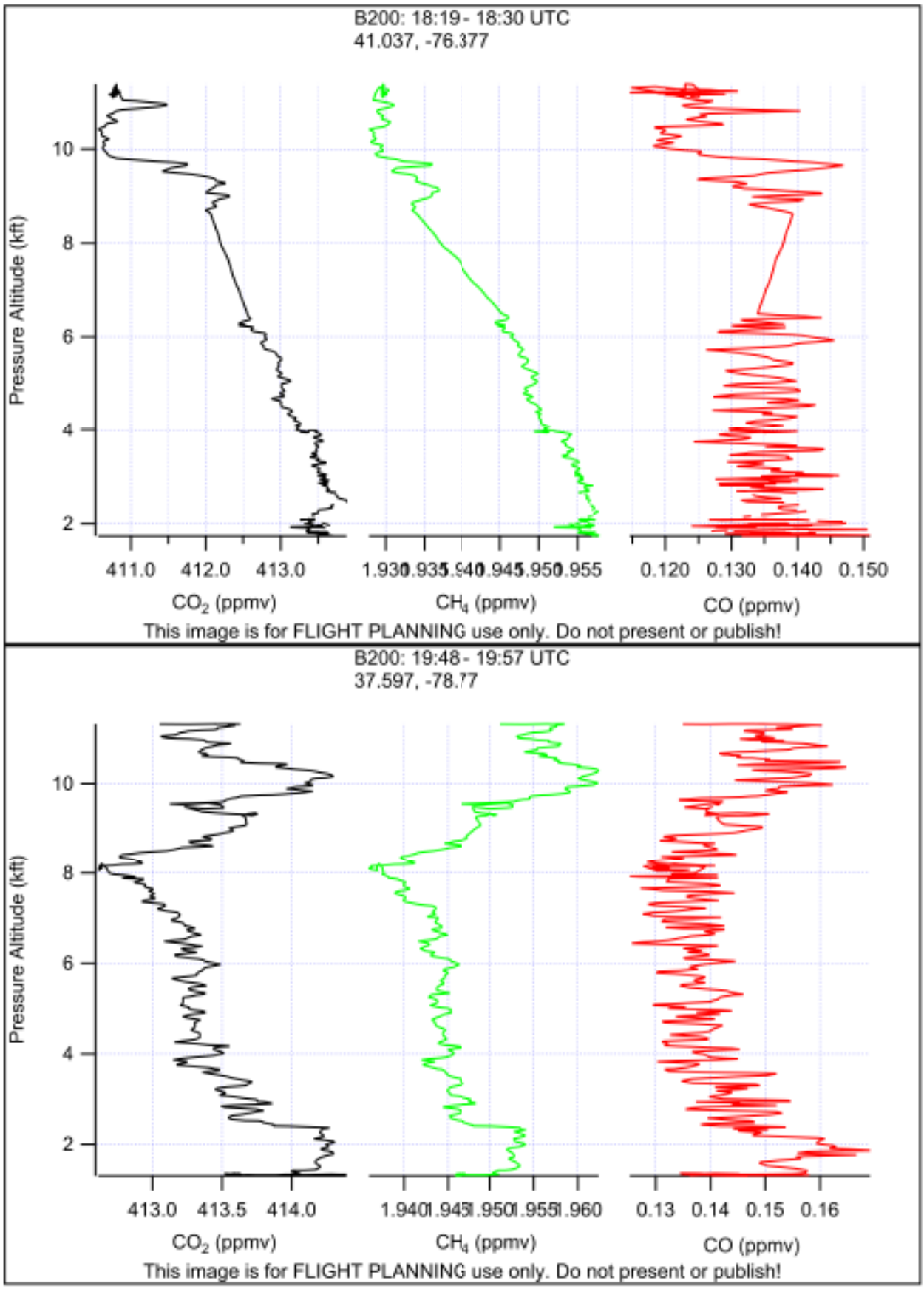

C130: 15:50 - 16:06 UTC
37.67, -75.785
15
10
5
0
Pressure Altitude (kft)
409 410 411 412 413
CO2 (ppmv)
1.90 1.92 1.94
CH4 (ppmv)
0.11 0.12 0.13 0.14 0.15
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

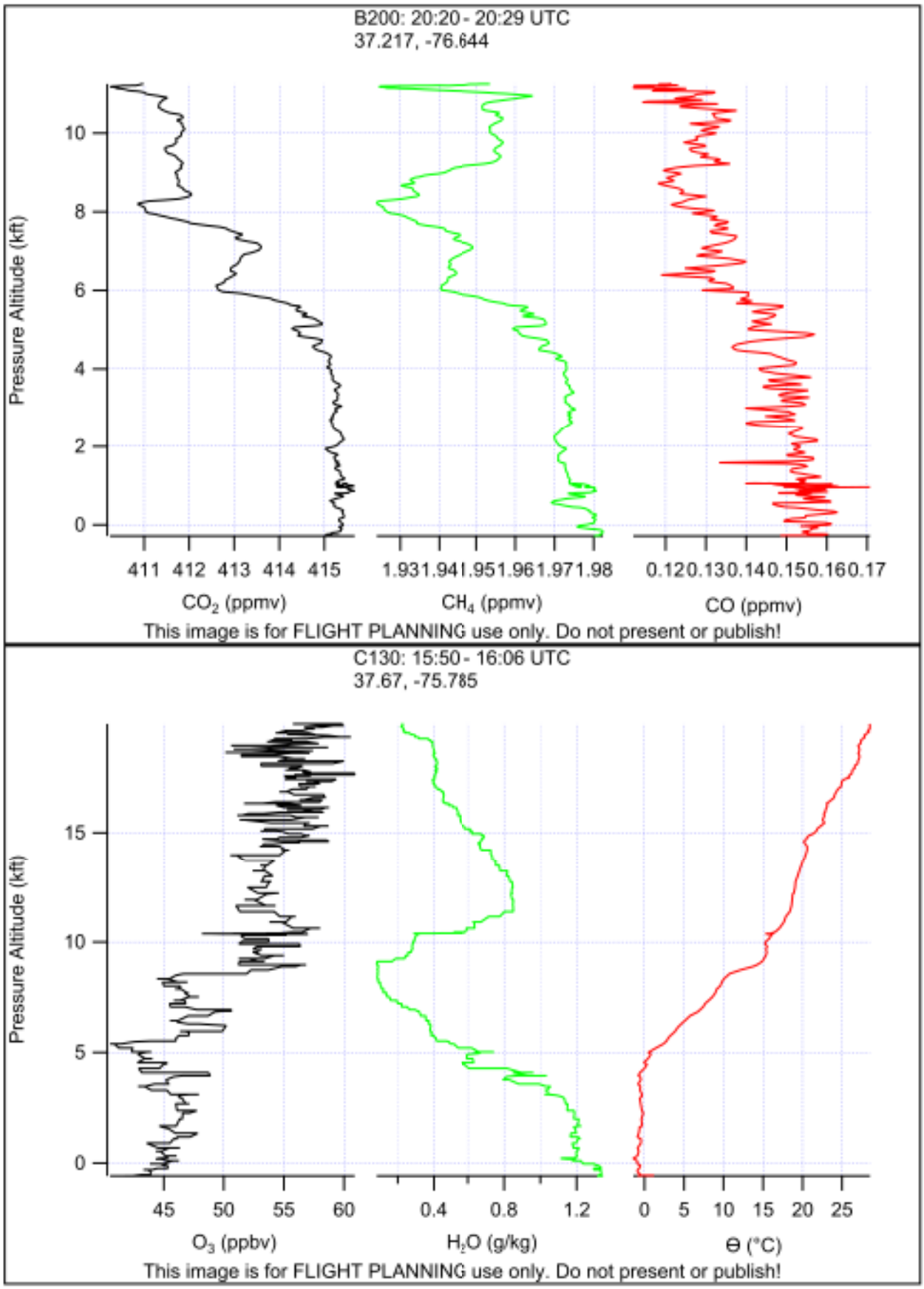

C130: 17:02 - 17:07 UTC
40.415, -76.962
Pressure Altitude (kft)
24
23
22
409.2 409.4 409.6 409.8 410.0
CO2 (ppmv)
1.904 1.908 1.912
CH4 (ppmv)
0.115 0.120 0.125 0.130 0.135
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!
C130: 17:11 - 17:14 UTC
40.889, -76.468
Pressure Altitude (kft)
25
24
23
22
409.2 409.4 409.6 409.8
CO2 (ppmv)
1.902 1.904 1.906 1.908 1.910 1.912
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!

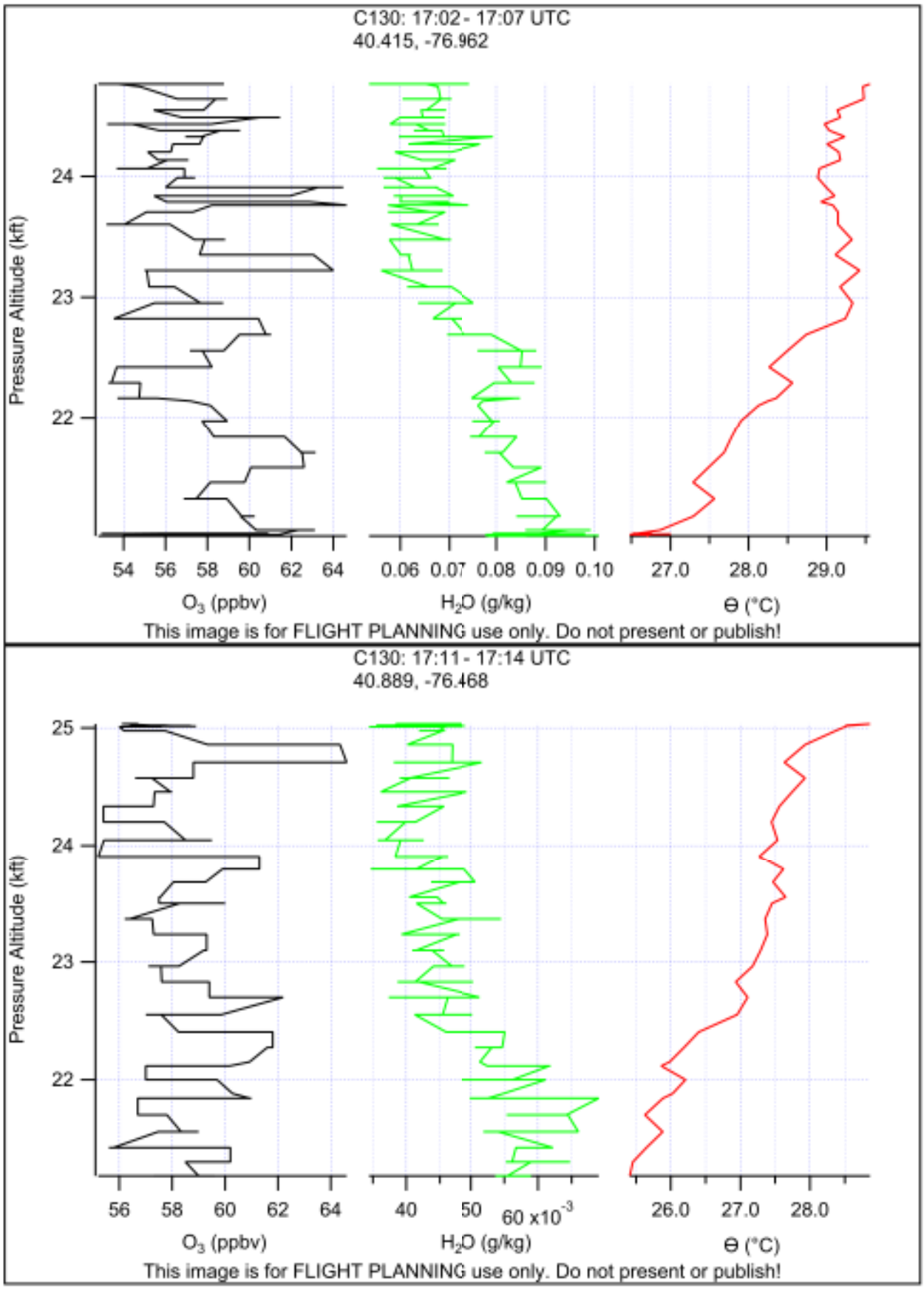

C130: 17:30 - 17:43 UTC
42.063, -75.318
Pressure Altitude (kft)
20
18
16
14
12
10
8
6
408 409 410 411 412
CO2 (ppmv)
1.90 1.92 1.94
CH4 (ppmv)
0.10 0.11 0.12 0.13 0.14 0.15
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!
C130: 17:52 - 18:08 UTC
41.339, -76.042
Pressure Altitude (kft)
12
10
8
6
4
410.0 411.0 412.0 413.0
CO2 (ppmv)
1.92 1.93 1.94 1.95 1.96
CH4 (ppmv)
0.130 0.140 0.150
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

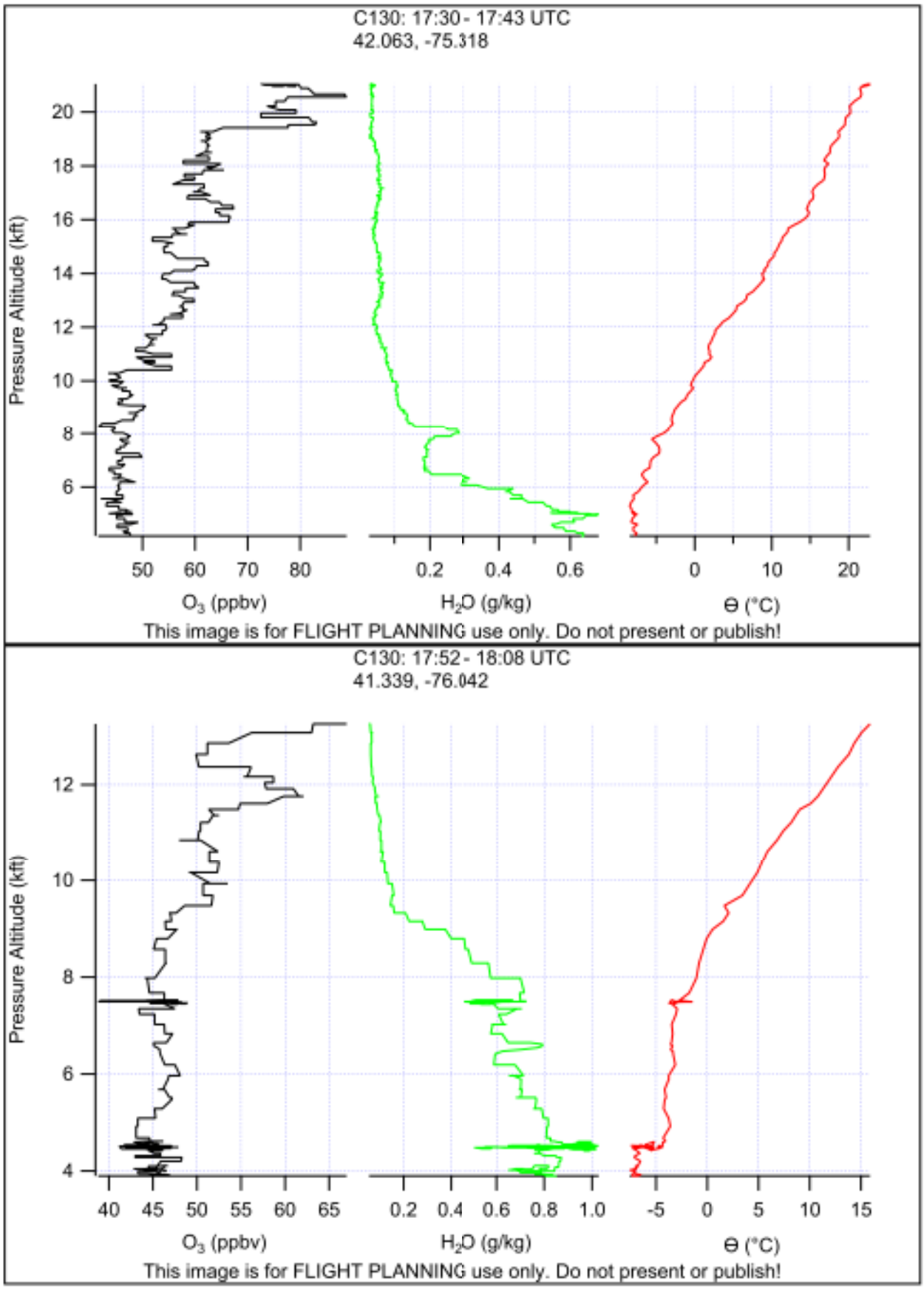

C130: 18:53 - 19:30 UTC
36.718, -79.976
Pressure Altitude (kft)
12
10
8
6
4
409 410 411 412 413 414
CO2 (ppmv)
1.92 1.94 1.96 1.98
CH4 (ppmv)
0.12 0.14 0.16 0.18 0.20 0.22
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!
C130: 19:53 - 20:04 UTC
37.664, -78.657
Pressure Altitude (kft)
20
15
10
5
410 412 414 416
CO2 (ppmv)
1.90 1.92 1.94 1.96
CH4 (ppmv)
0.12 0.14 0.16
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

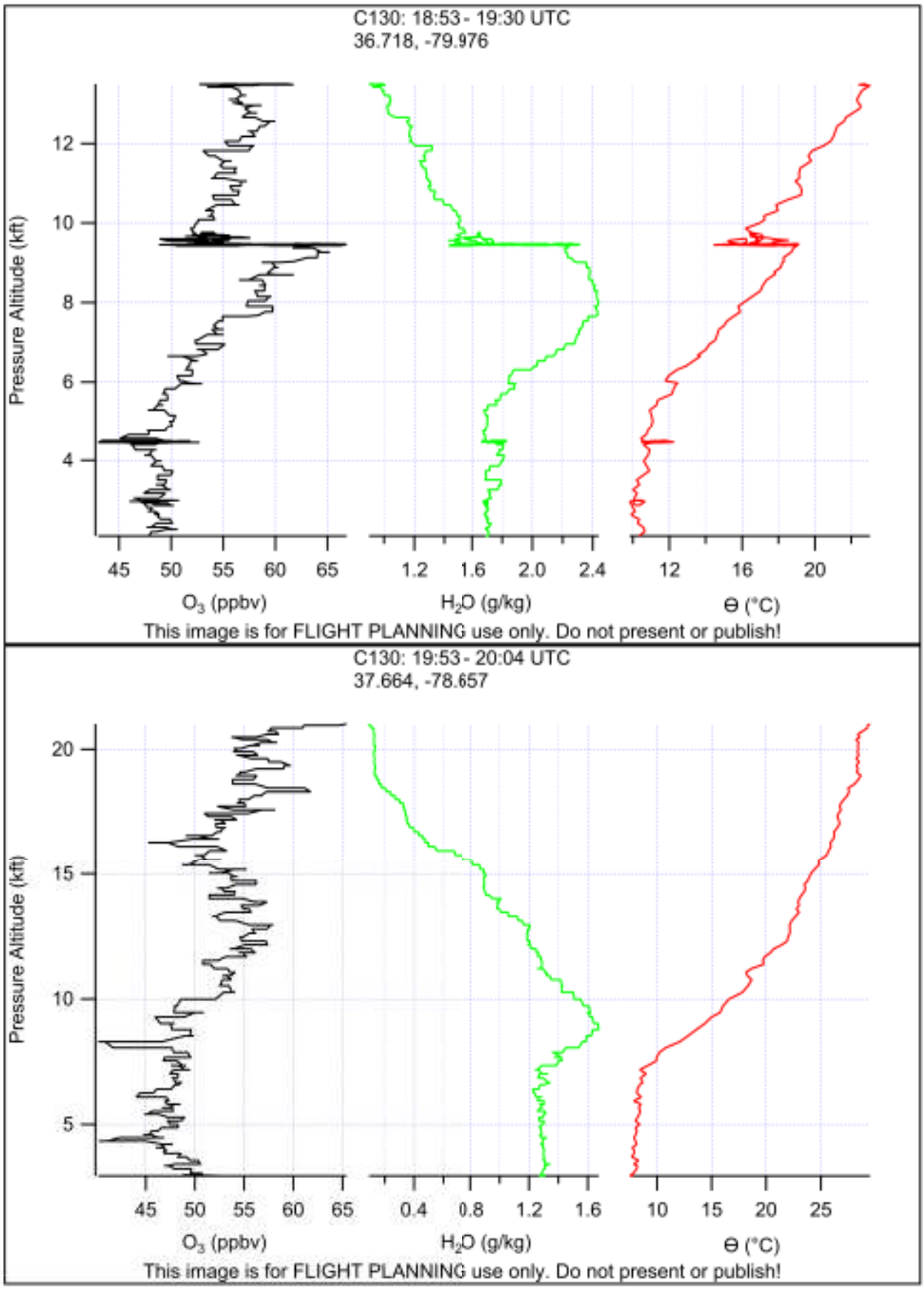

C130: 20:16 - 20:35 UTC
37.732, -75.948
Pressure Altitude (kft)
20
15
10
5
0
408
410
412
414
CO2 (ppmv)
1.90
1.92
1.94
1.96
CH4 (ppmv)
0.10
0.12
0.14
0.16
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!
B200: 16:29 - 16:36 UTC
37.161, -76.594
Pressure Altitude (kft)
10
8
6
4
2
0
450
500
550
600
CO2 (ppmv)
1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppmv)
1
2
3
4
5
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

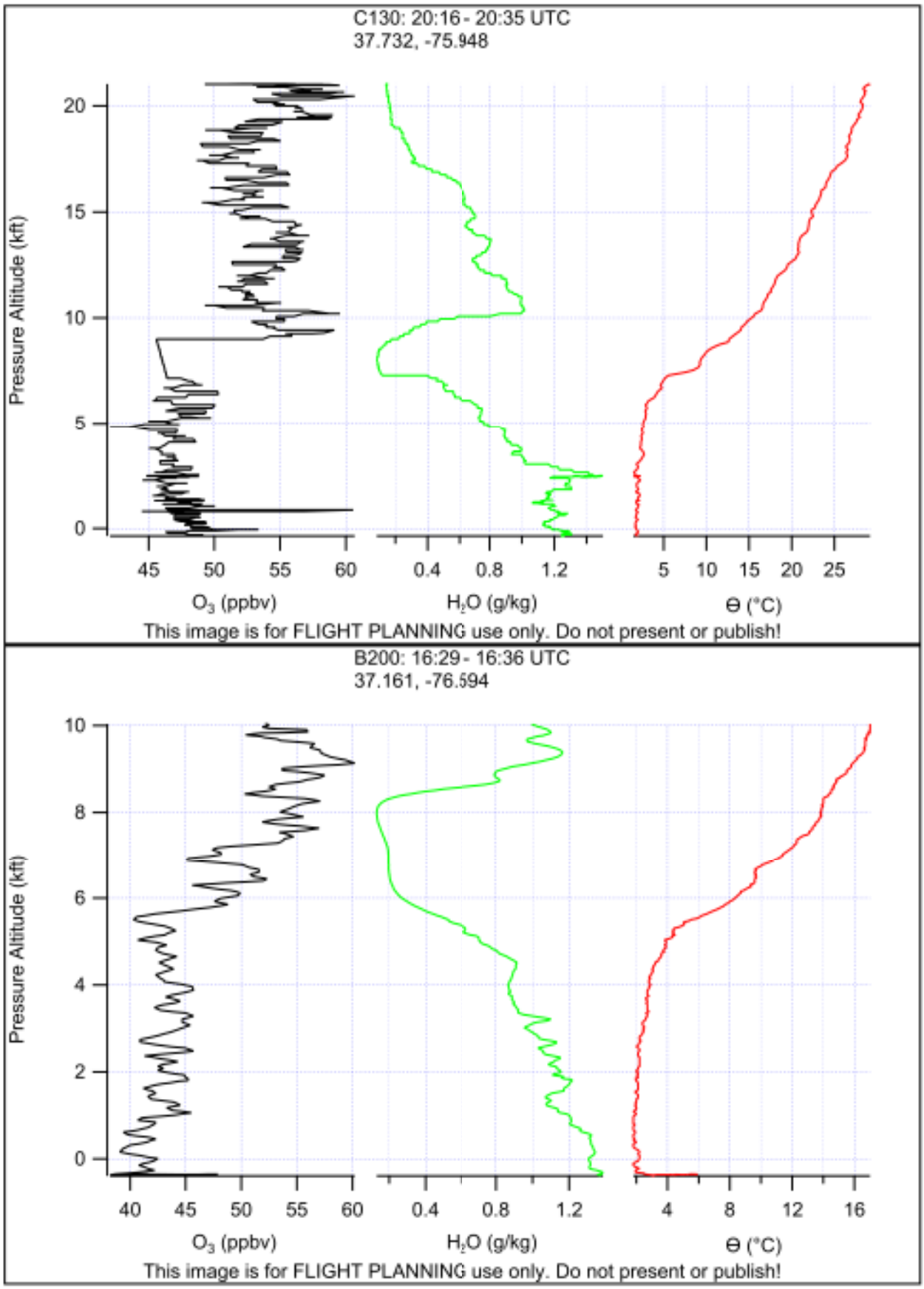

B200: 18:19 - 18:30 UTC
41.037, -76.377
Pressure Altitude (kft)
10
8
6
4
2
411.0
412.0
413.0
CO2 (ppmv)
1.930
1.935
1.940
1.945
1.950
1.955
CH4 (ppmv)
0.120
0.130
0.140
0.150
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!
B200: 19:48 - 19:57 UTC
37.597, -78.77
Pressure Altitude (kft)
10
8
6
4
2
413.0
413.5
414.0
CO2 (ppmv)
1.940
1.945
1.950
1.955
1.960
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!

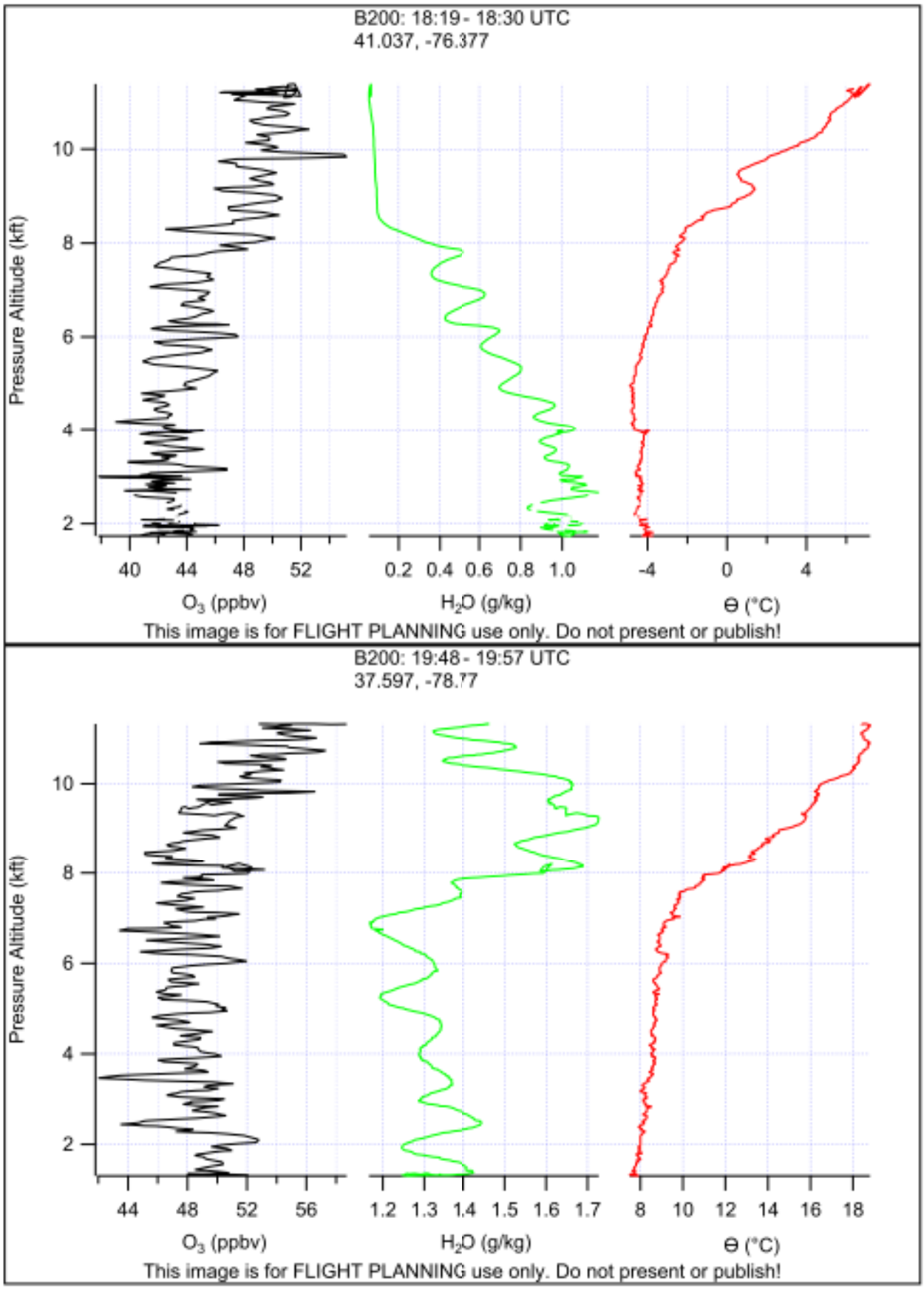

B200: 20:20 - 20:29 UTC
37.217, -76.644
Pressure Altitude (kft)
0
2
4
6
8
10
411 412 413 414 415
CO2 (ppmv)
1.93 1.94 1.95 1.96 1.97 1.98
CH4 (ppmv)
0.12 0.13 0.14 0.15 0.16 0.17
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!
C130: 15:50 - 16:06 UTC
37.67, -75.785
Pressure Altitude (kft)
0
5
10
15
45 50 55 60
O3 (ppbv)
0.4 0.8 1.2
H2O (g/kg)
0 5 10 15 20 25
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

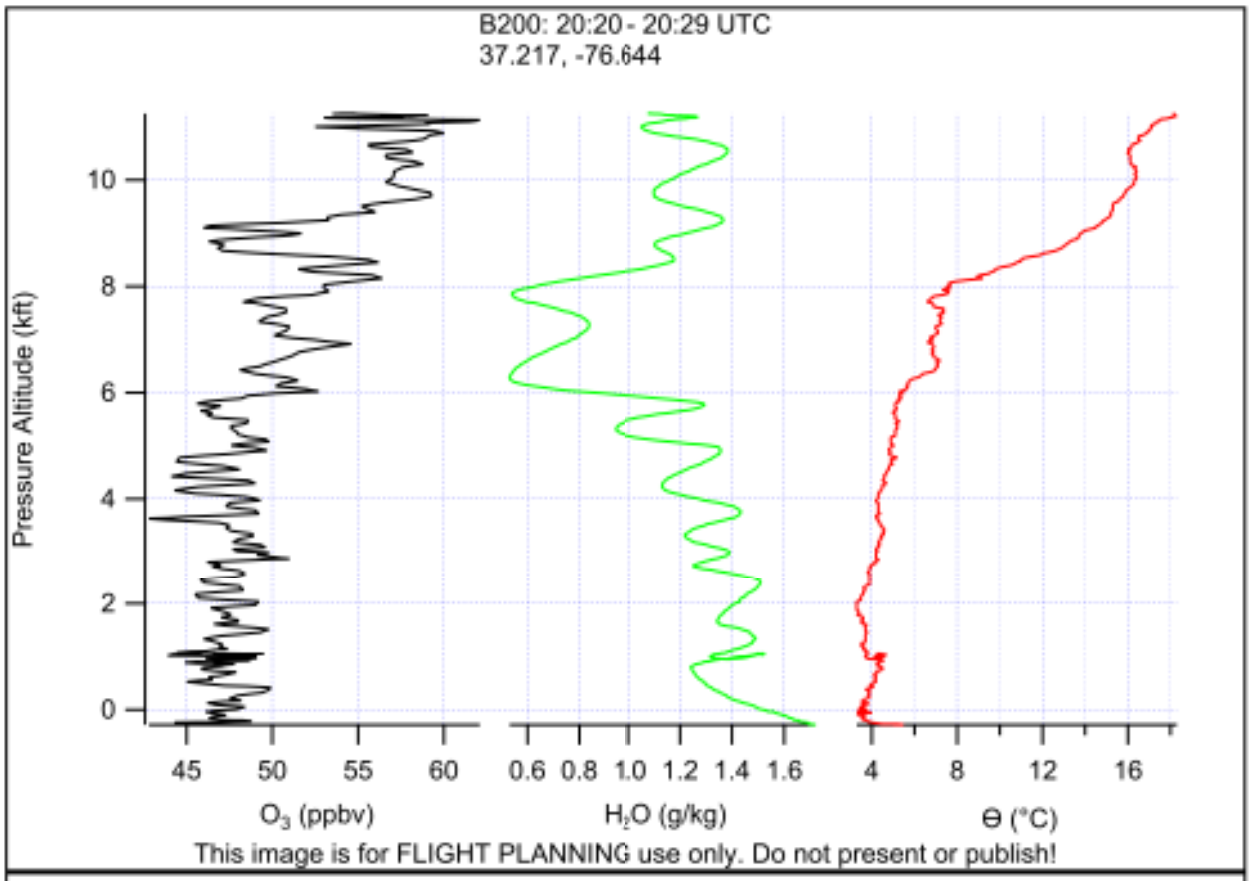

C130: 17:02 - 17:07 UTC
40.415, -76.962
Pressure Altitude (kft)
24
23
22
54 56 58 60 62 64
O3 (ppbv)
0.06 0.07 0.08 0.09 0.10
H2O (g/kg)
27.0 28.0 29.0
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!
C130: 17:11 - 17:14 UTC
40.889, -76.468
Pressure Altitude (kft)
25
24
23
22
56 58 60 62 64
O3 (ppbv)
40 50 60 x10-3
H2O (g/kg)
26.0 27.0 28.0
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:30 - 17:43 UTC
42.063, -75.318
Pressure Altitude (kft)
20
18
16
14
12
10
8
6
50 60 70 80
O3 (ppbv)
0.2 0.4 0.6
H2O (g/kg)
0 10 20
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!
C130: 17:52 - 18:08 UTC
41.339, -76.042
Pressure Altitude (kft)
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)
-5 0 5 10 15
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:53 - 19:30 UTC
36.718, -79.976
Pressure Altitude (kft)
12
10
8
6
4
45 50 55 60 65
O3 (ppbv)
1.2 1.6 2.0 2.4
H2O (g/kg)
12 16 20
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!
C130: 19:53 - 20:04 UTC
37.664, -78.657
Pressure Altitude (kft)
20
15
10
5
45 50 55 60 65
O3 (ppbv)
0.4 0.8 1.2 1.6
H2O (g/kg)
10 15 20 25
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:16 - 20:35 UTC
37.732, -75.948
Pressure Altitude (kft)
20
15
10
5
0
45
50
55
60
O_3 (ppbv)
0.4
0.8
1.2
H_2O (g/kg)
5
10
15
20
25
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!
B200: 16:29 - 16:36 UTC
37.161, -76.594
Pressure Altitude (kft)
10
8
6
4
2
0
40
45
50
55
60
O_3 (ppbv)
0.4
0.8
1.2
H_2O (g/kg)
4
8
12
16
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:19 - 18:30 UTC
41.037, -76.377
Pressure Altitude (kft)
10
8
6
4
2
40
44
48
52
O_3 (ppbv)
0.2
0.4
0.6
0.8
1.0
H_2O (g/kg)
-4
0
4
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!
B200: 19:48 - 19:57 UTC
37.597, -78.77
Pressure Altitude (kft)
10
8
6
4
2
44
48
52
56
O_3 (ppbv)
1.2
1.3
1.4
1.5
1.6
1.7
H_2O (g/kg)
8
10
12
14
16
18
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 20:20 - 20:29 UTC
37.217, -76.644
Pressure Altitude (kft)
0
2
4
6
8
10
45
50
55
60
O_3 (ppbv)
0.6
0.8
1.0
1.2
1.4
1.6
H_2O (g/kg)
4
8
12
16
Θ (°C)
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