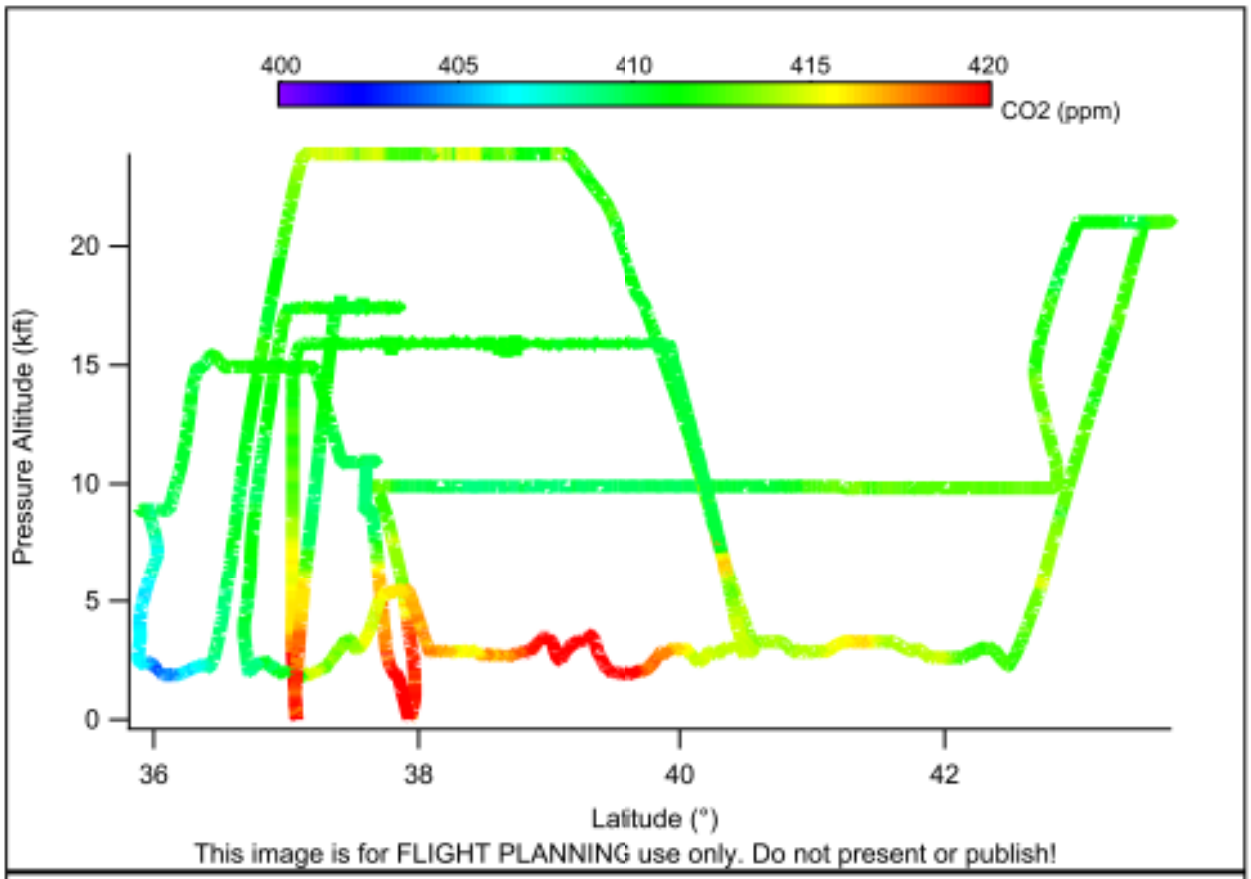
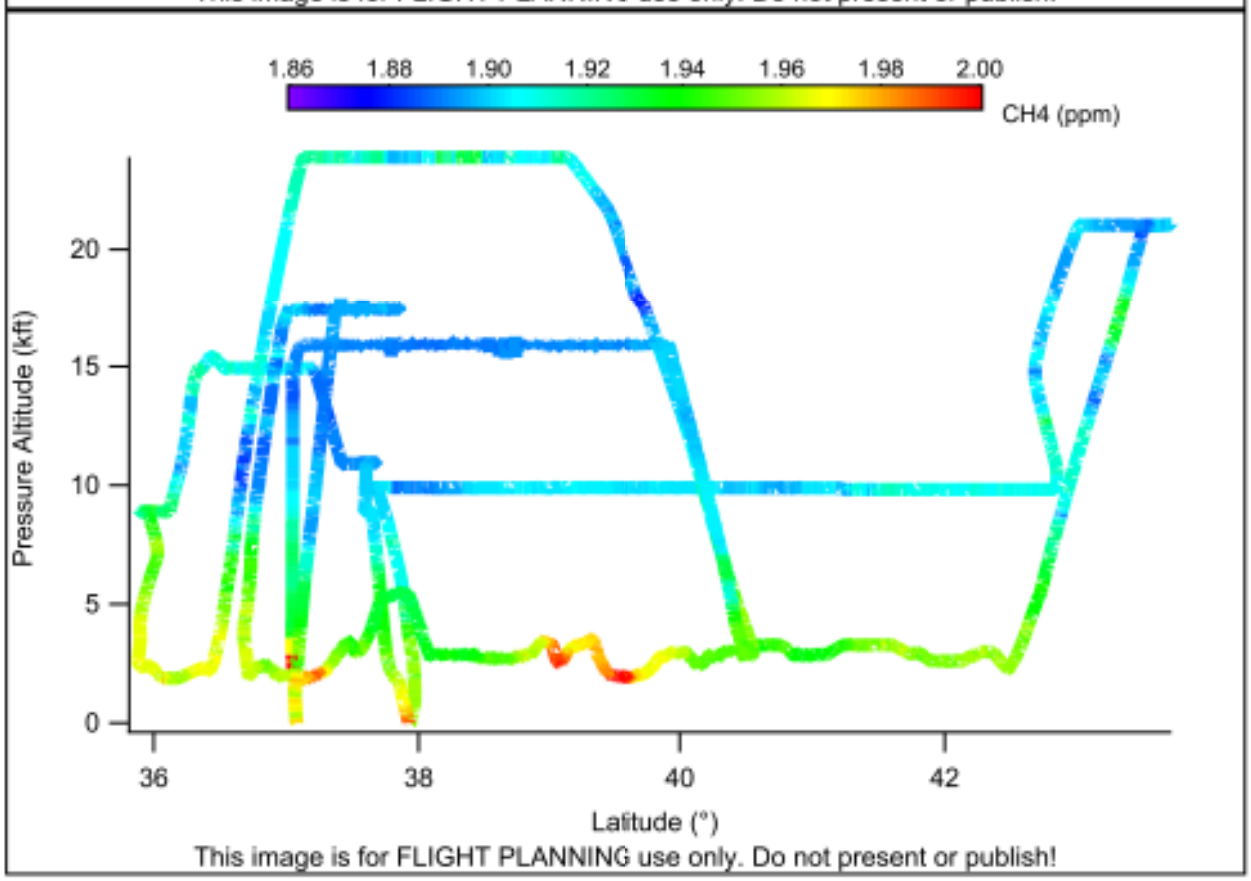
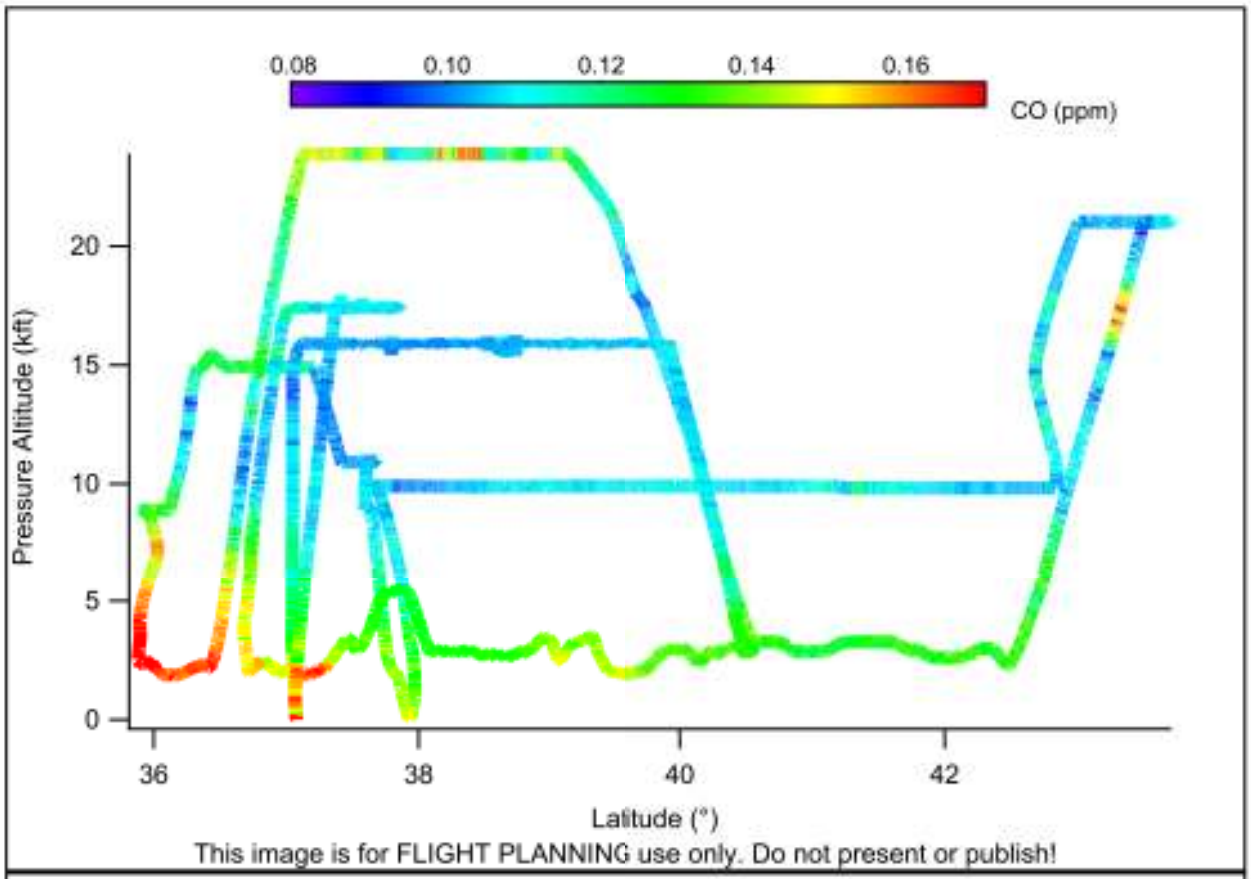
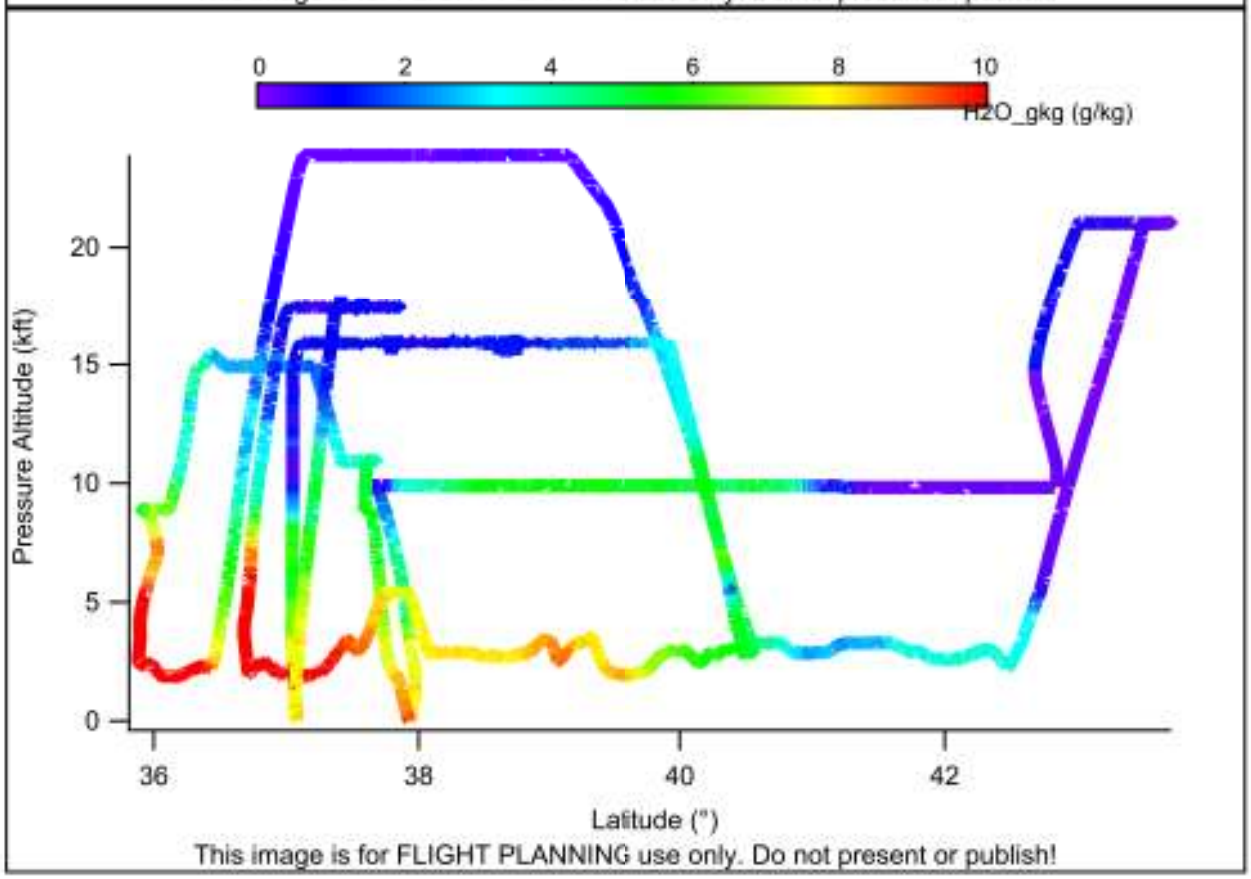
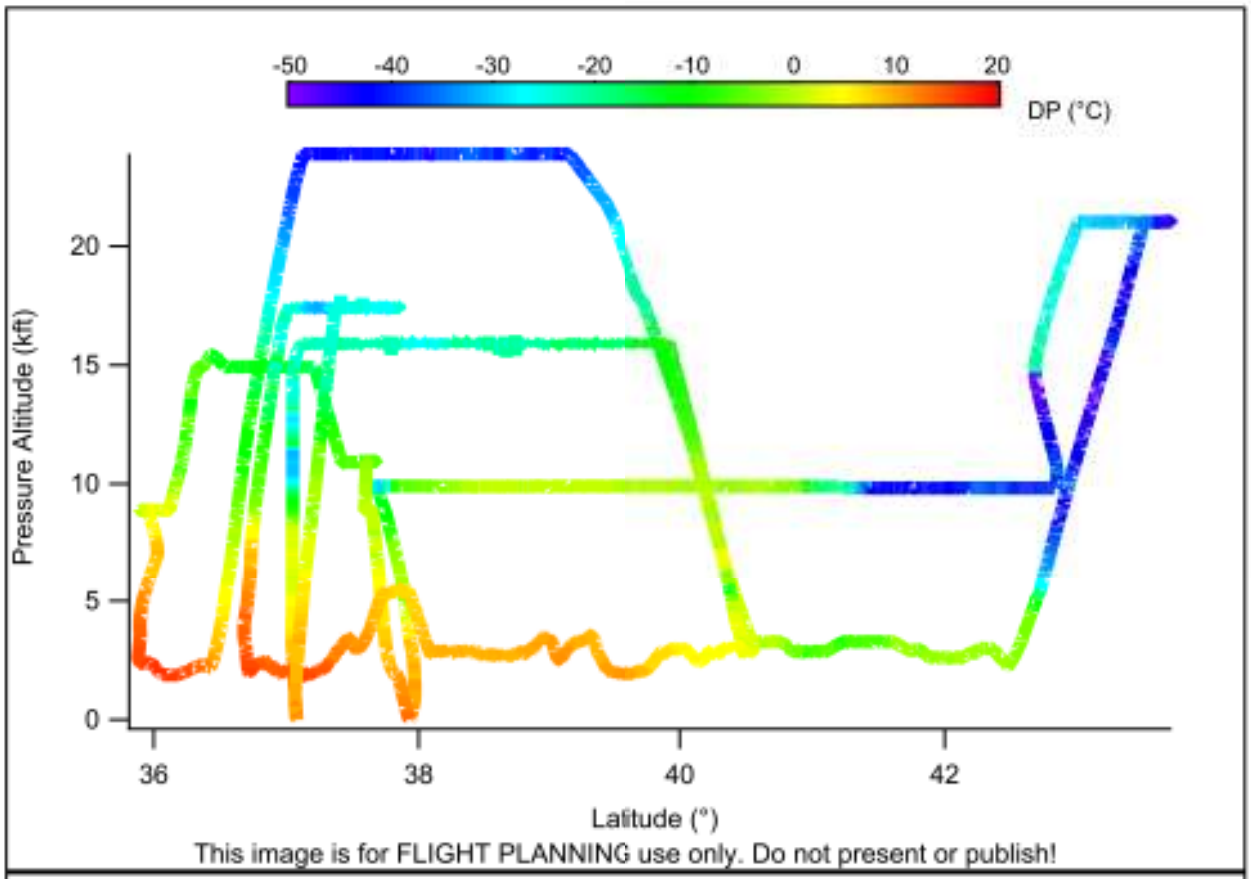
ACT-America 20180511

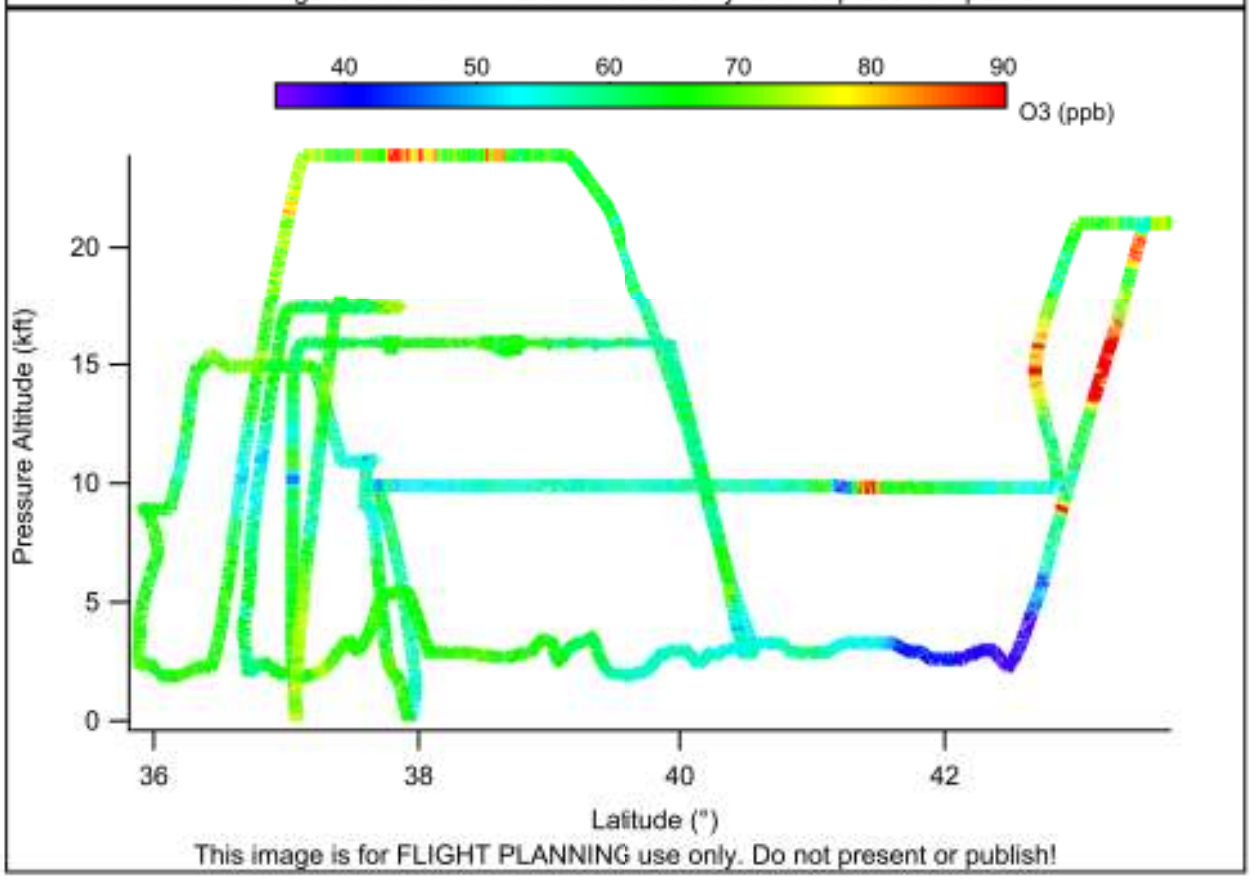

400
405
410
415
420
CO2 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
36
38
40
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

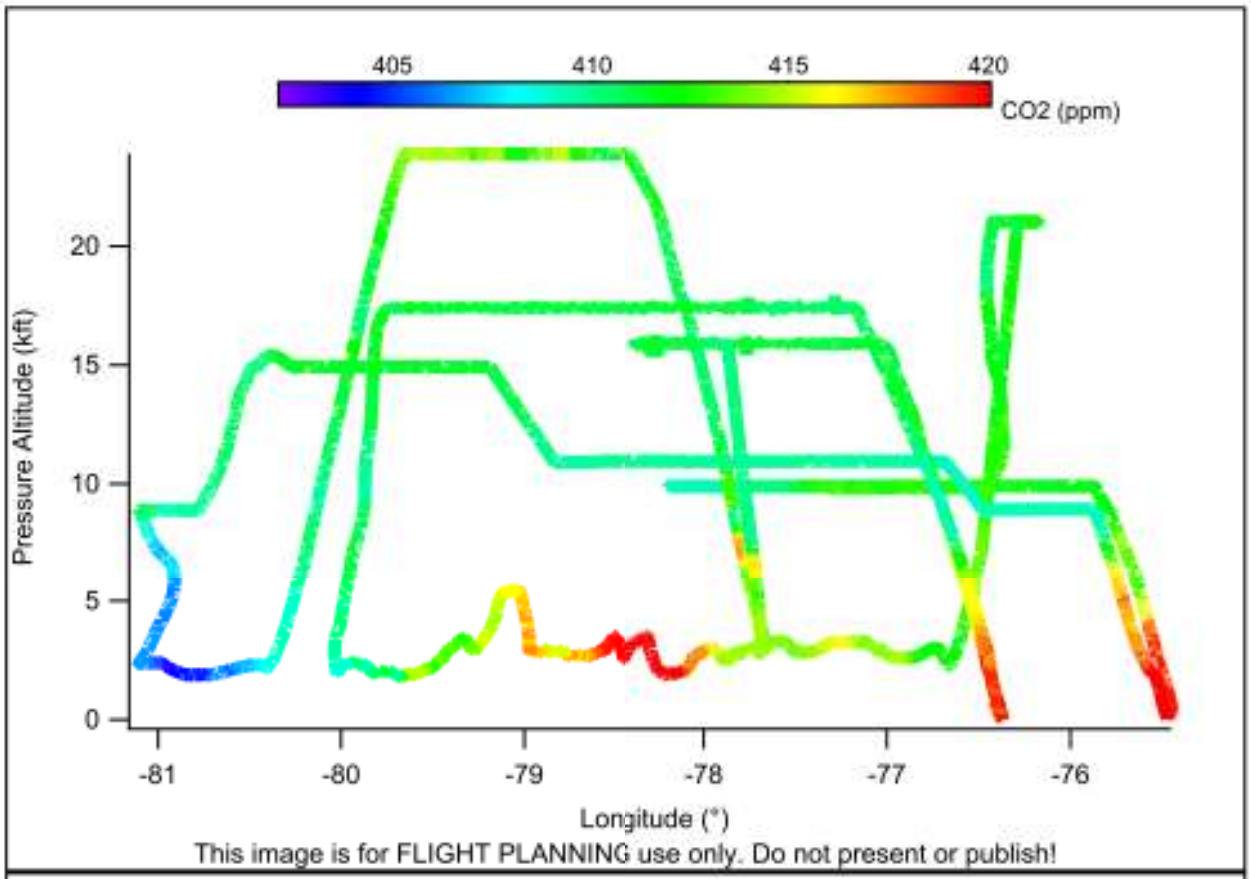

1.86
1.88
1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
36
38
40
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

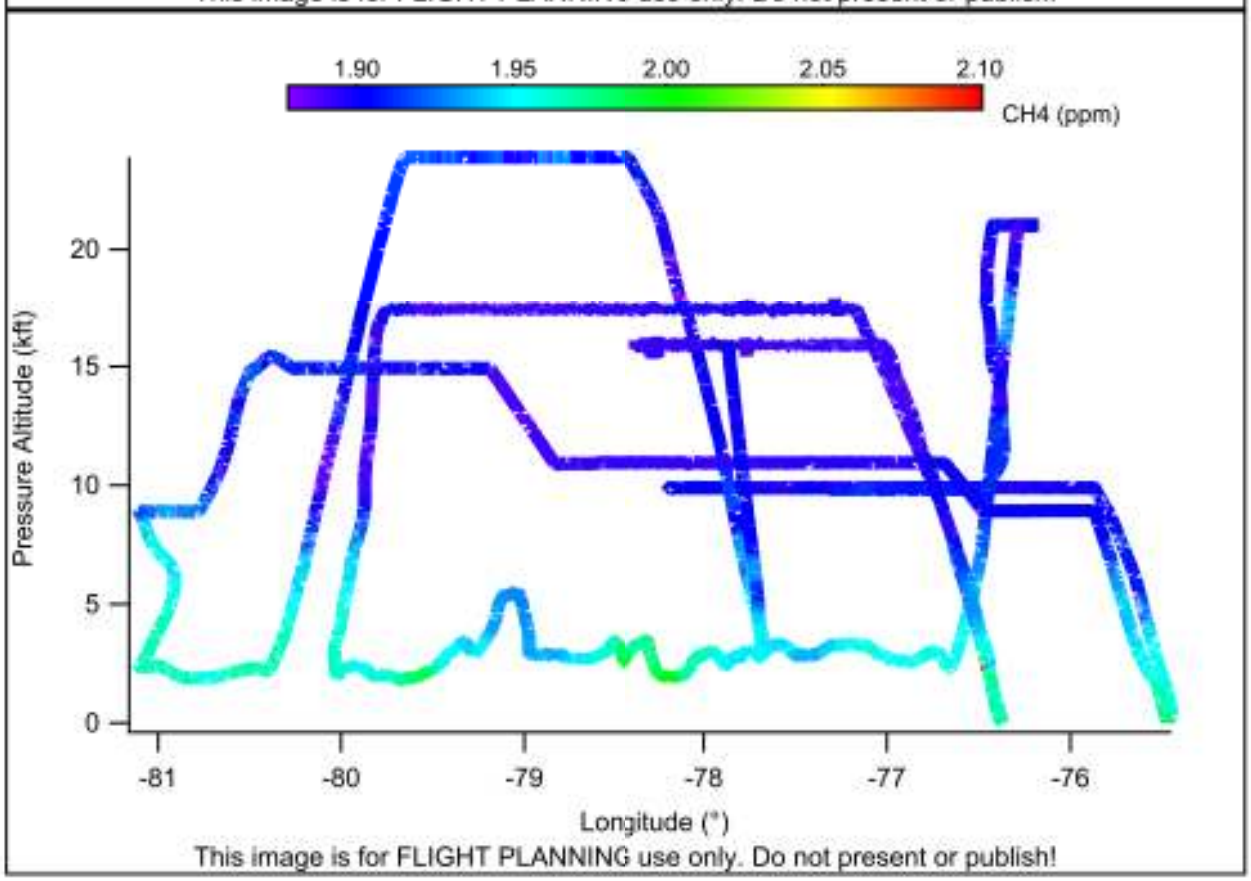

0.08
0.10
0.12
0.14
0.16
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
36
38
40
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

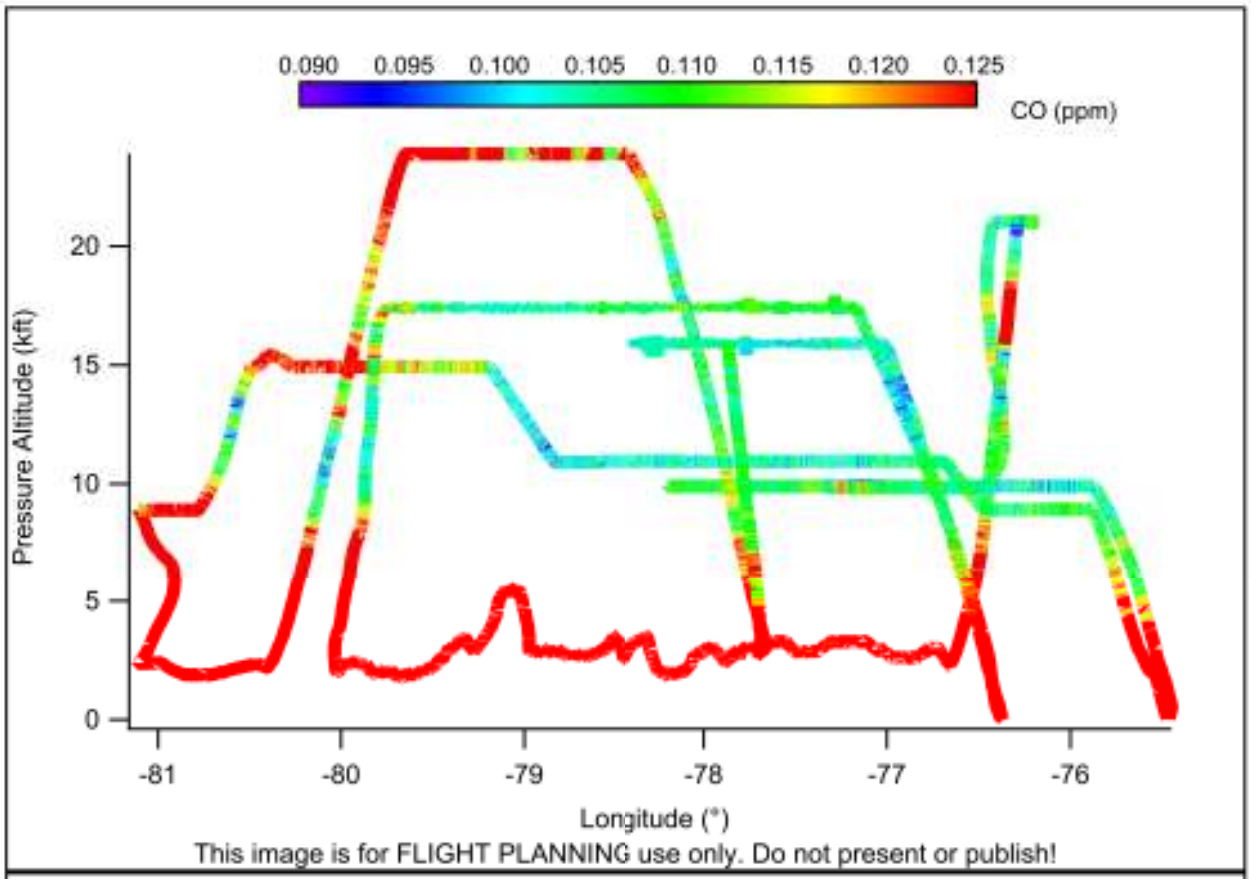

0
2
4
6
8
10
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
36
38
40
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

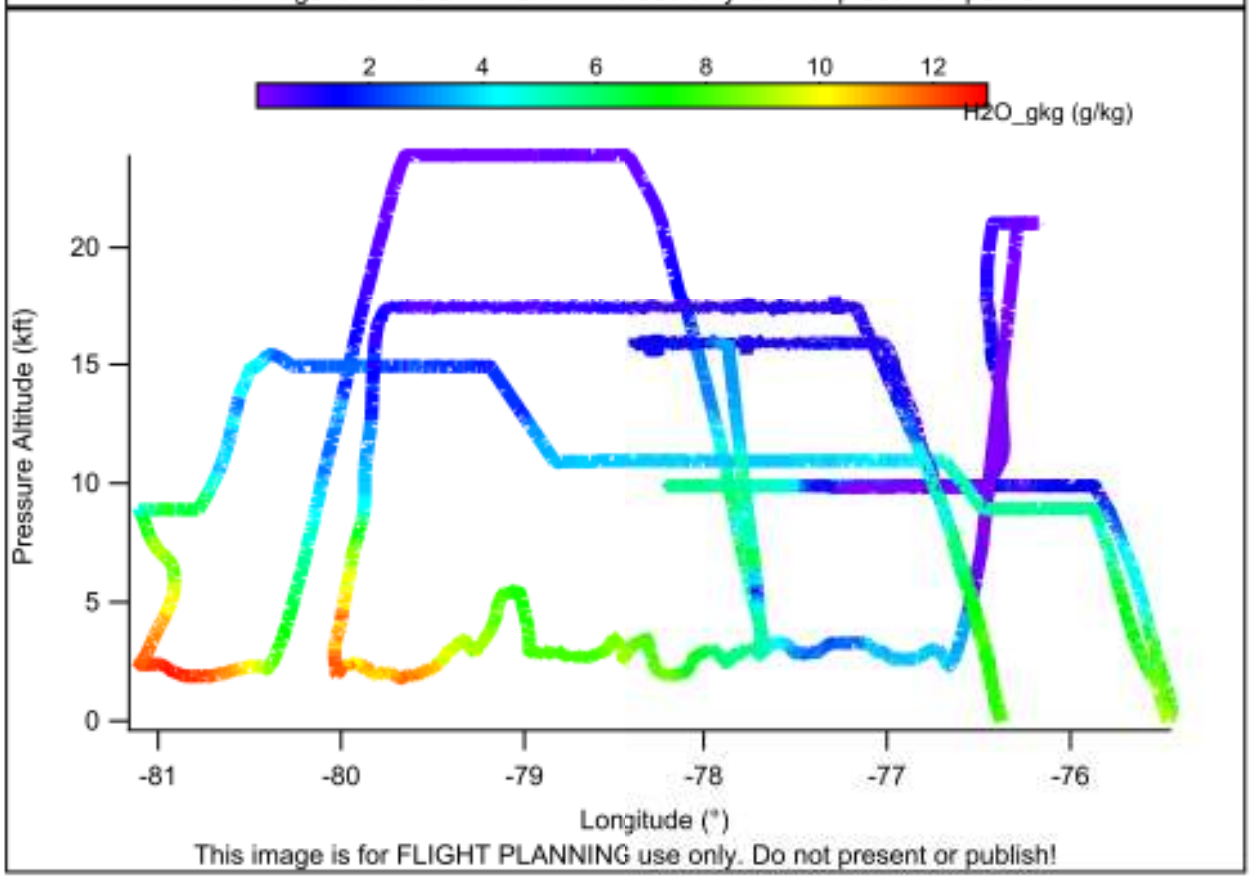

-50
-40
-30
-20
-10
0
10
20
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
36
38
40
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

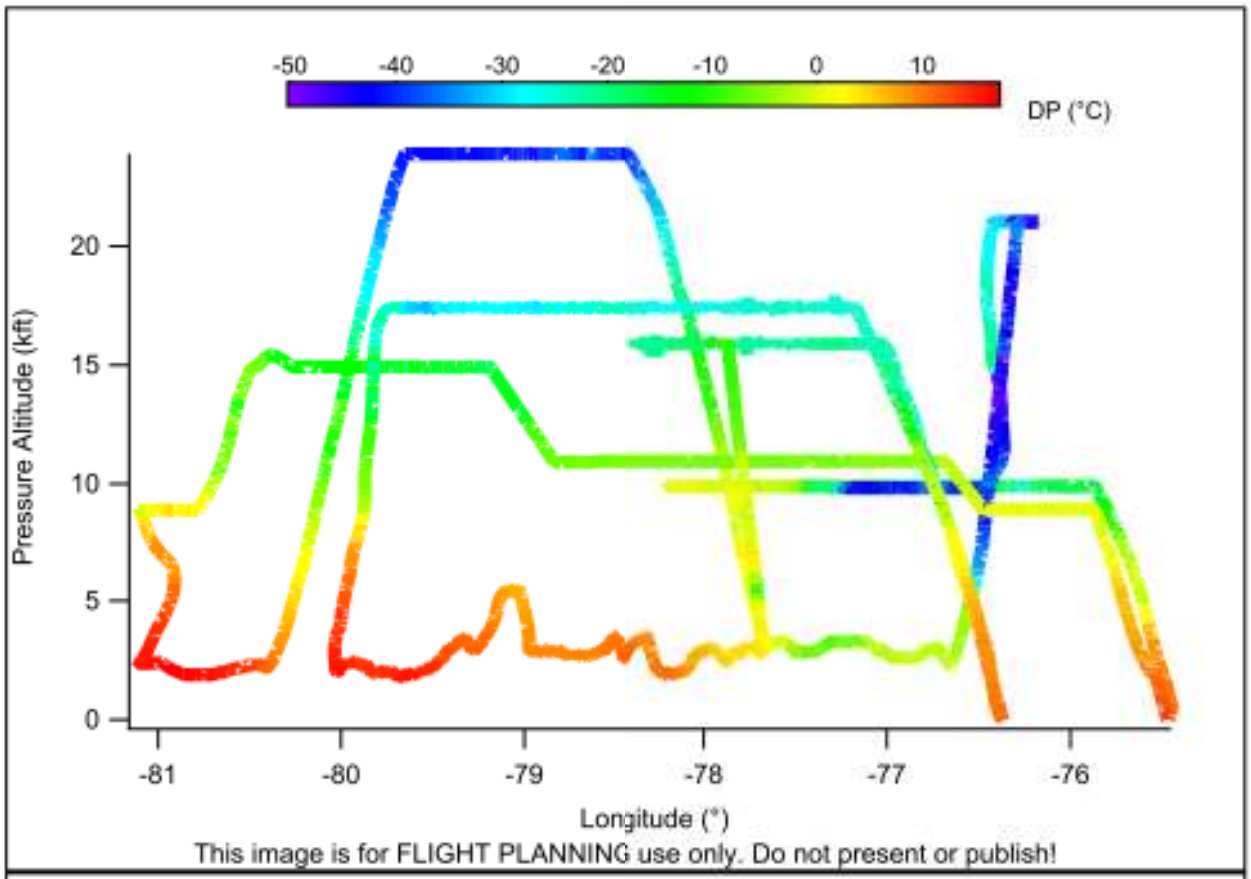

40
50
60
70
80
90
O3 (ppb)
Pressure Altitude (kft)
20
15
10
5
0
36
38
40
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

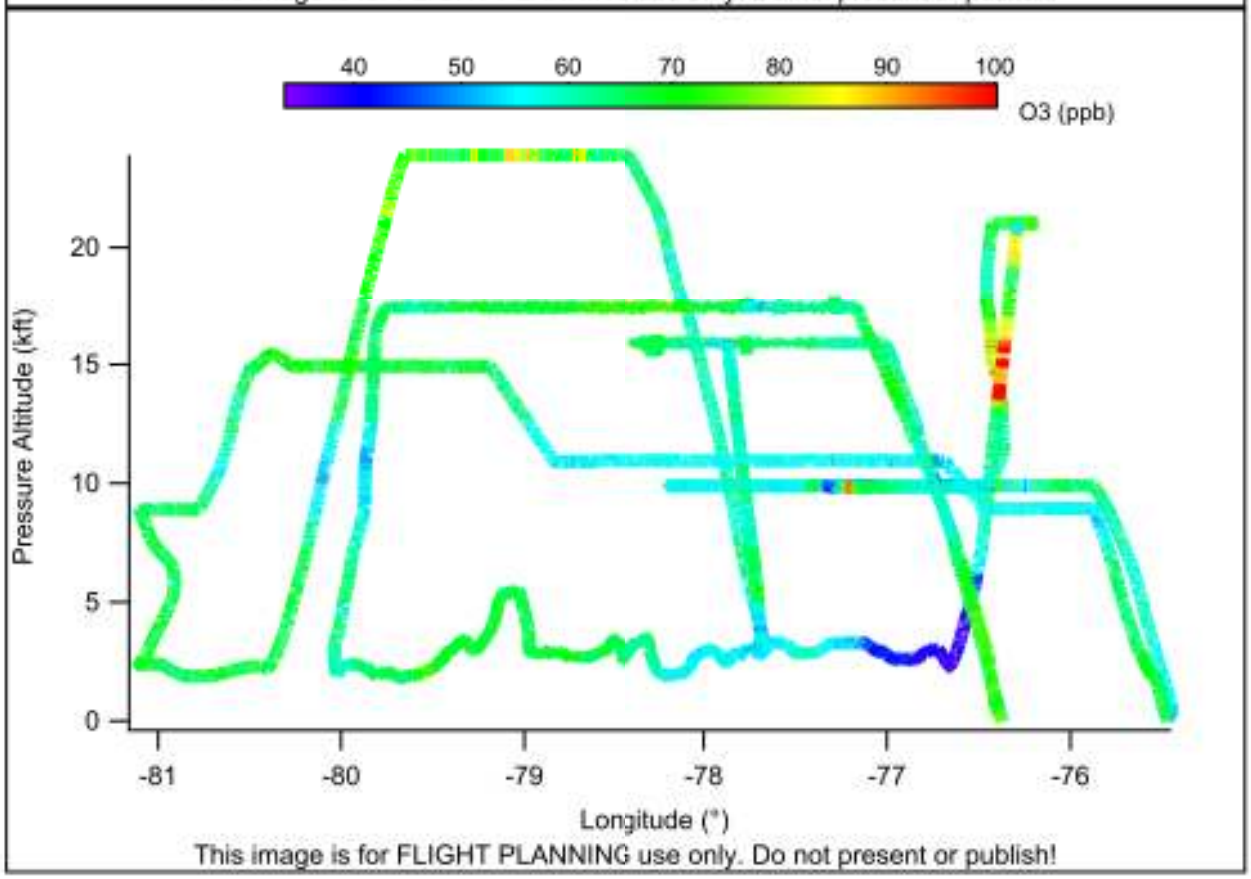

405
410
415
420
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

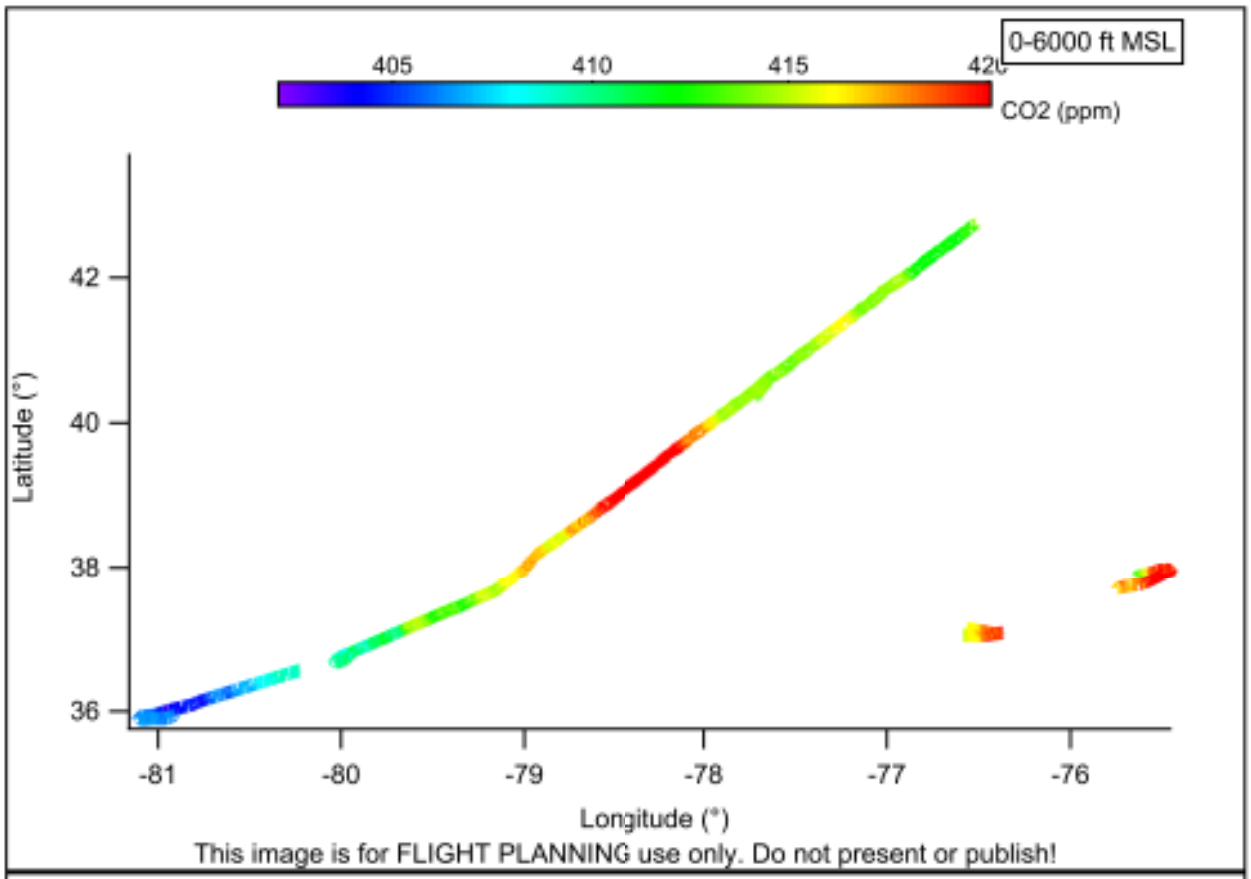

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

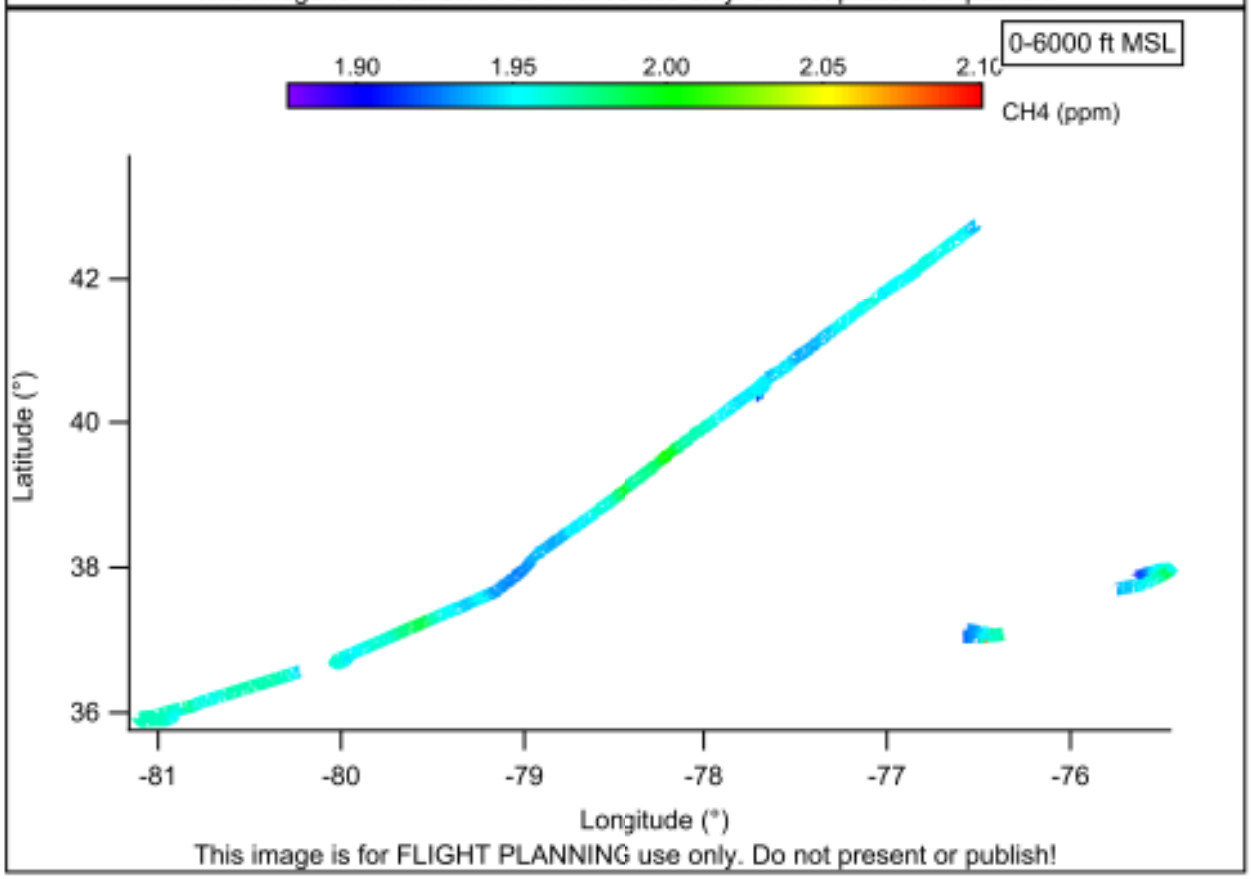

0.090 0.095 0.100 0.105 0.110 0.115 0.120 0.125
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-81 -80 -79 -78 -77 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

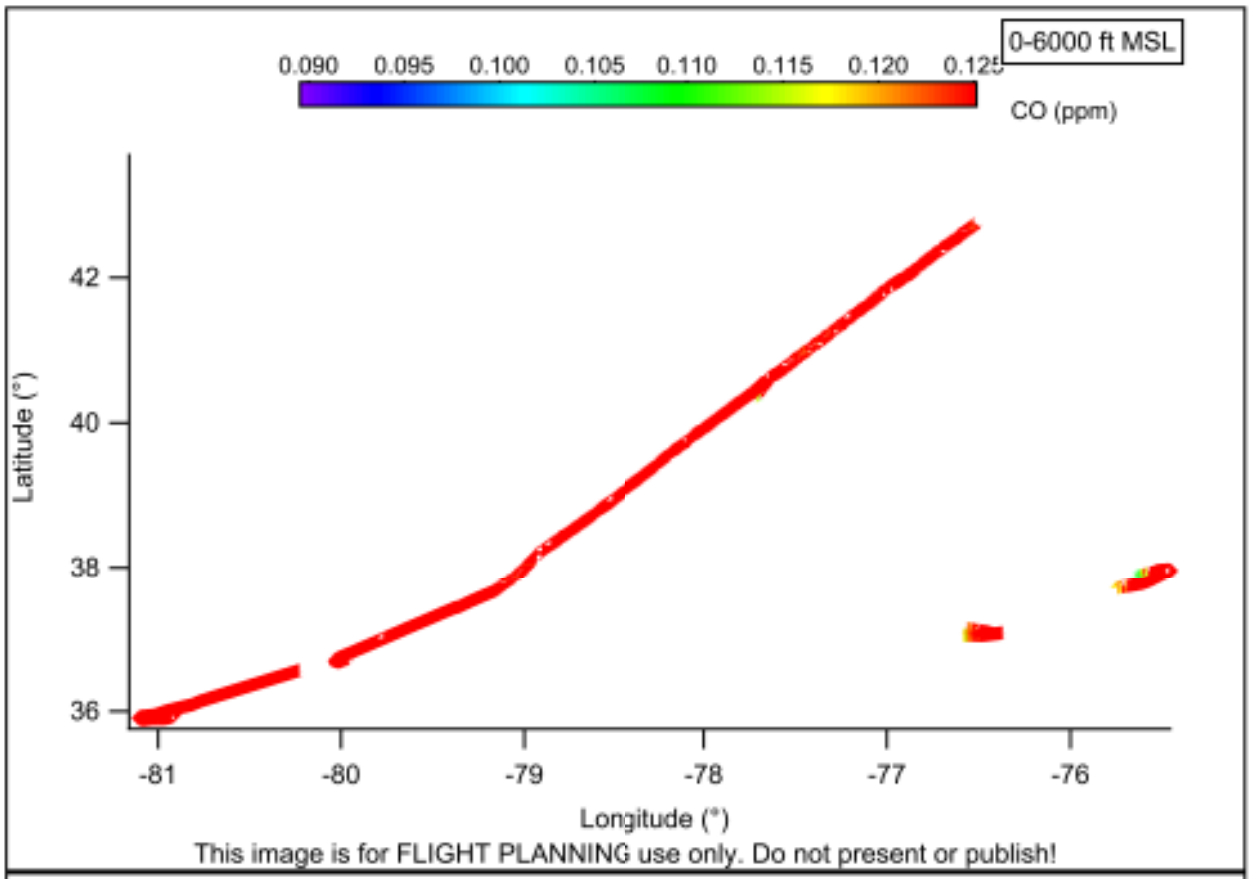

2 4 6 8 10 12
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
-81 -80 -79 -78 -77 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

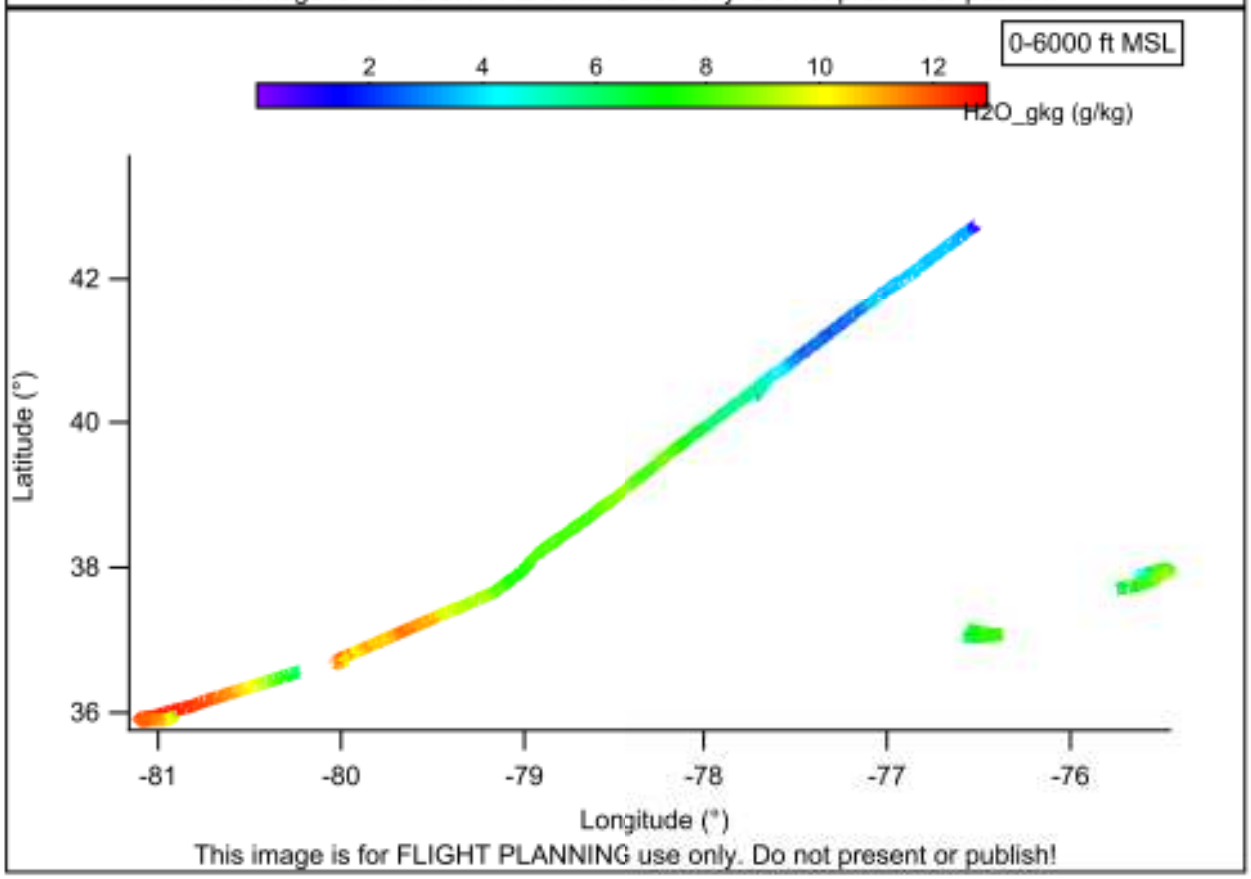

-50
-40
-30
-20
-10
0
10
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

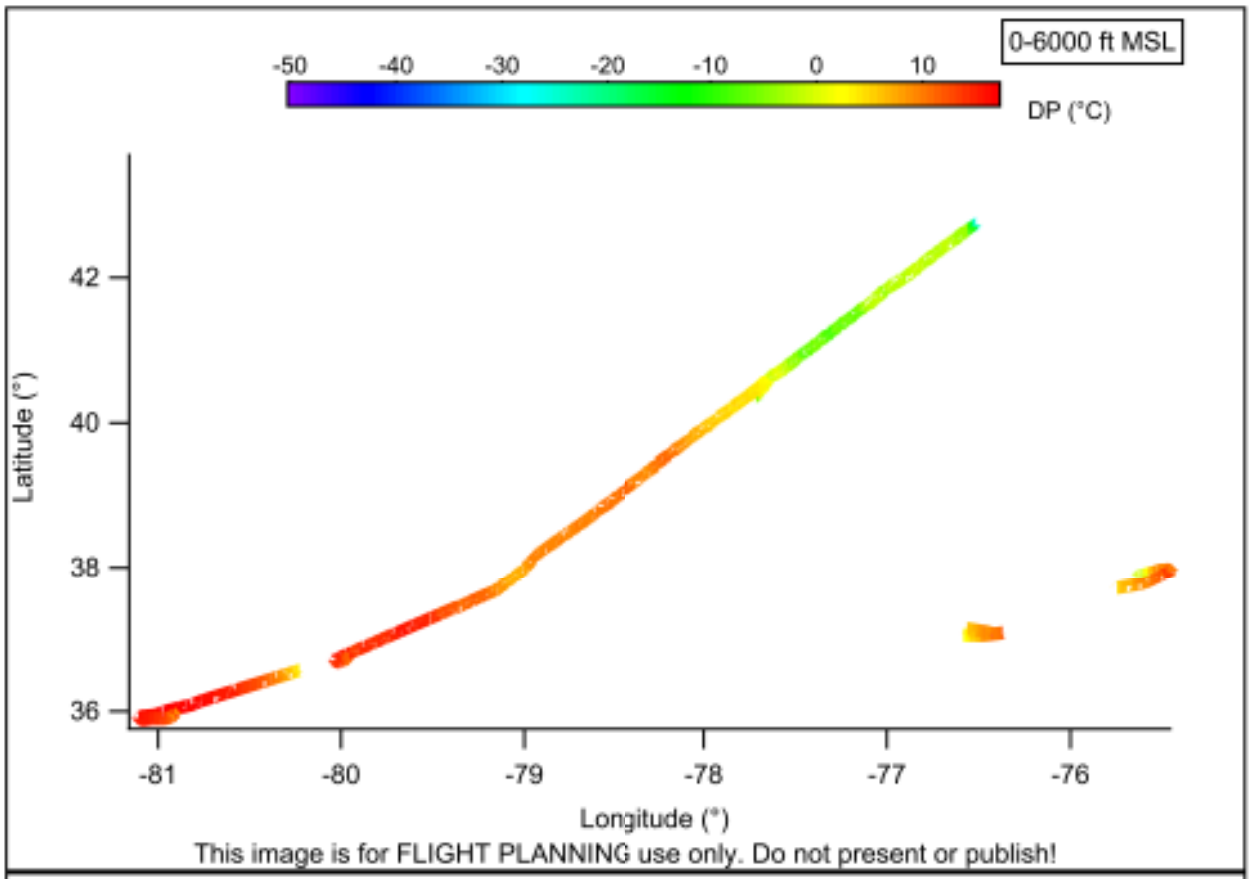

40
50
60
70
80
90
100
O3 (ppb)
Pressure Altitude (kft)
20
15
10
5
0
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

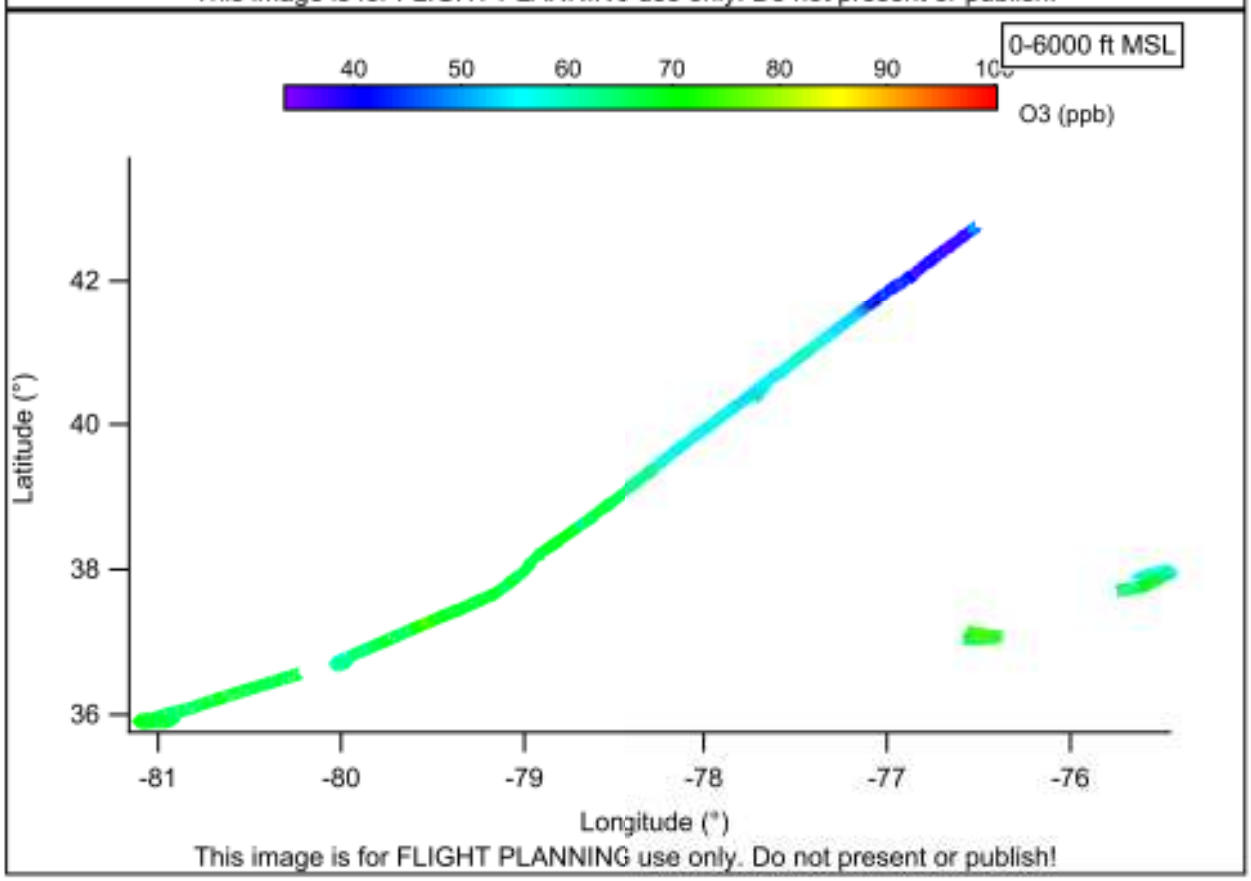

0-6000 ft MSL
405
410
415
420
CO2 (ppm)
Latitude (°)
42
40
38
36
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

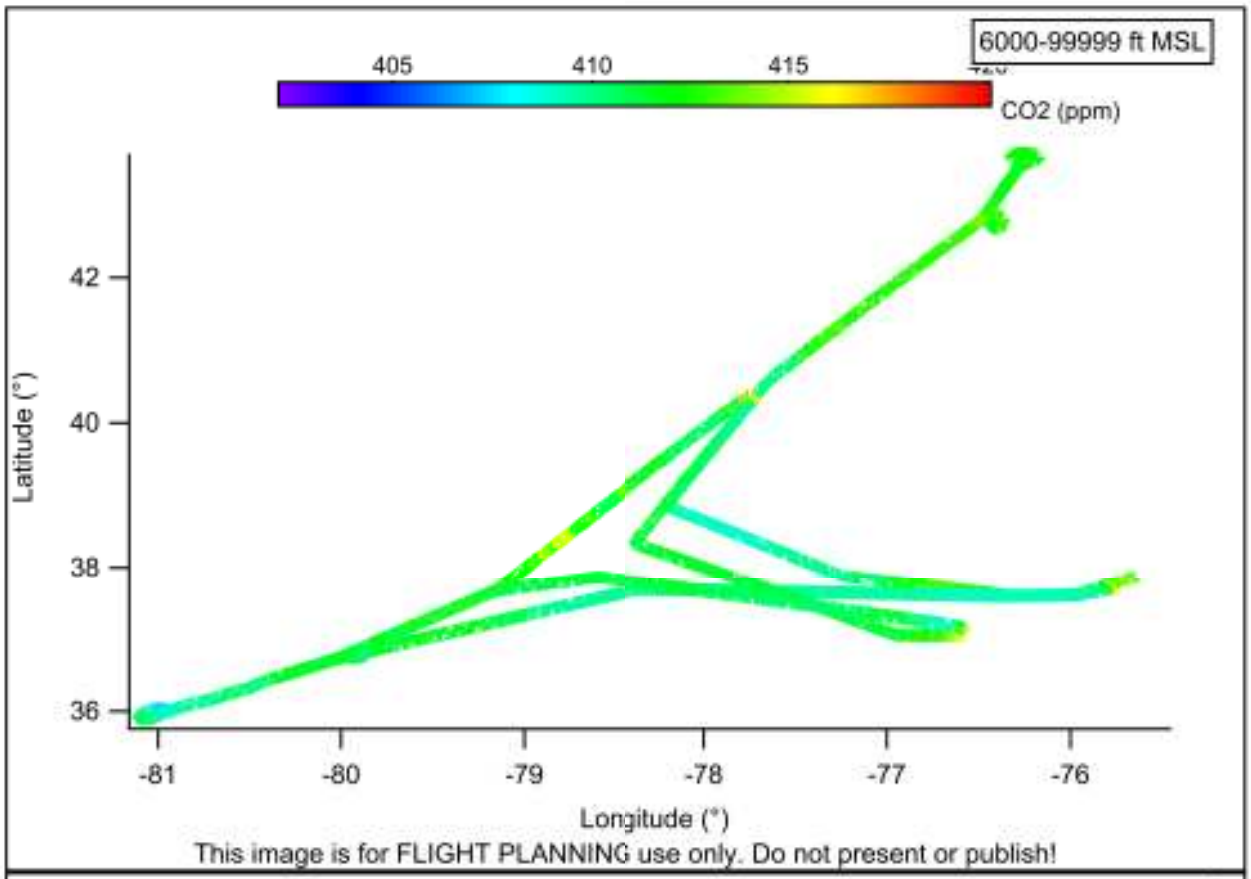

0-6000 ft MSL
1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Latitude (°)
42
40
38
36
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

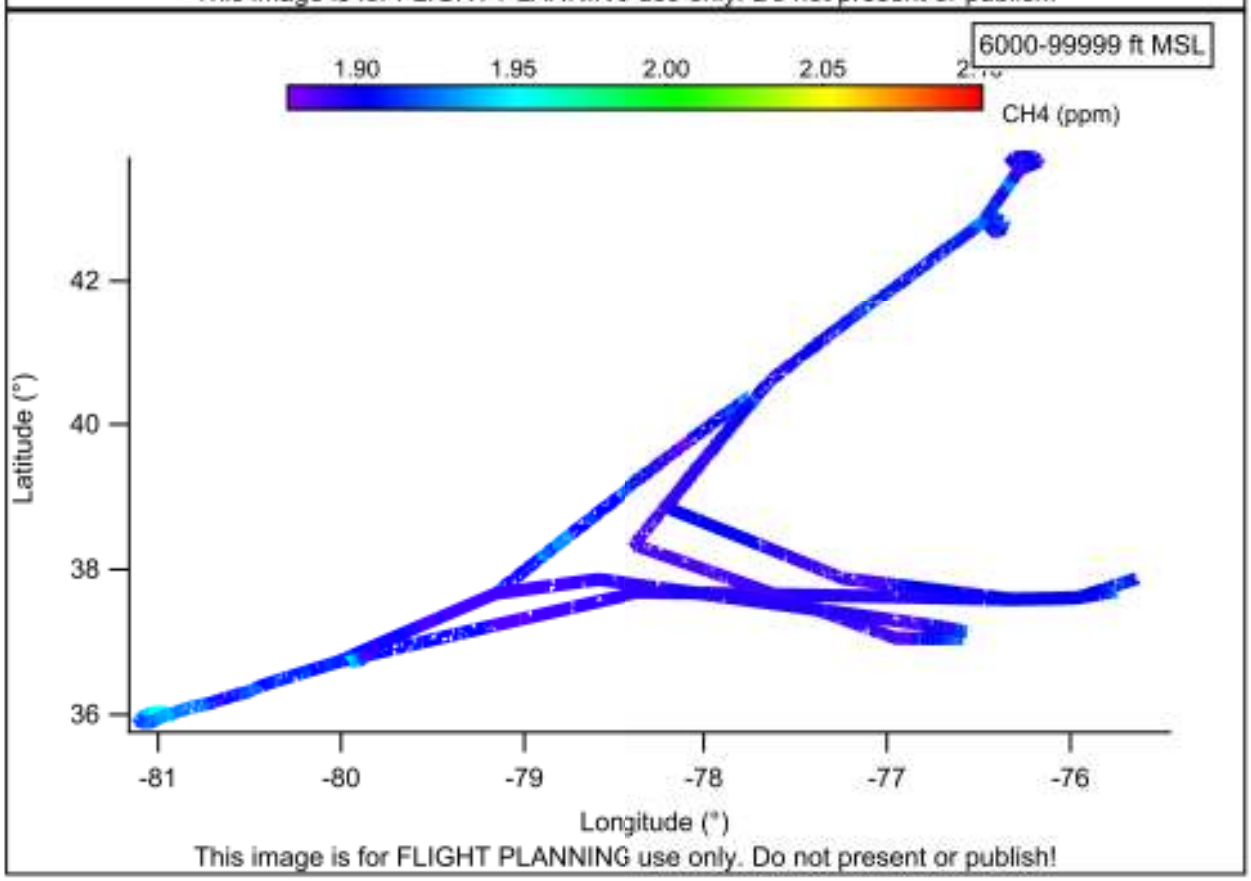

0-6000 ft MSL
0.090 0.095 0.100 0.105 0.110 0.115 0.120 0.125
CO (ppm)
Latitude (°)
42
40
38
36
-81 -80 -79 -78 -77 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

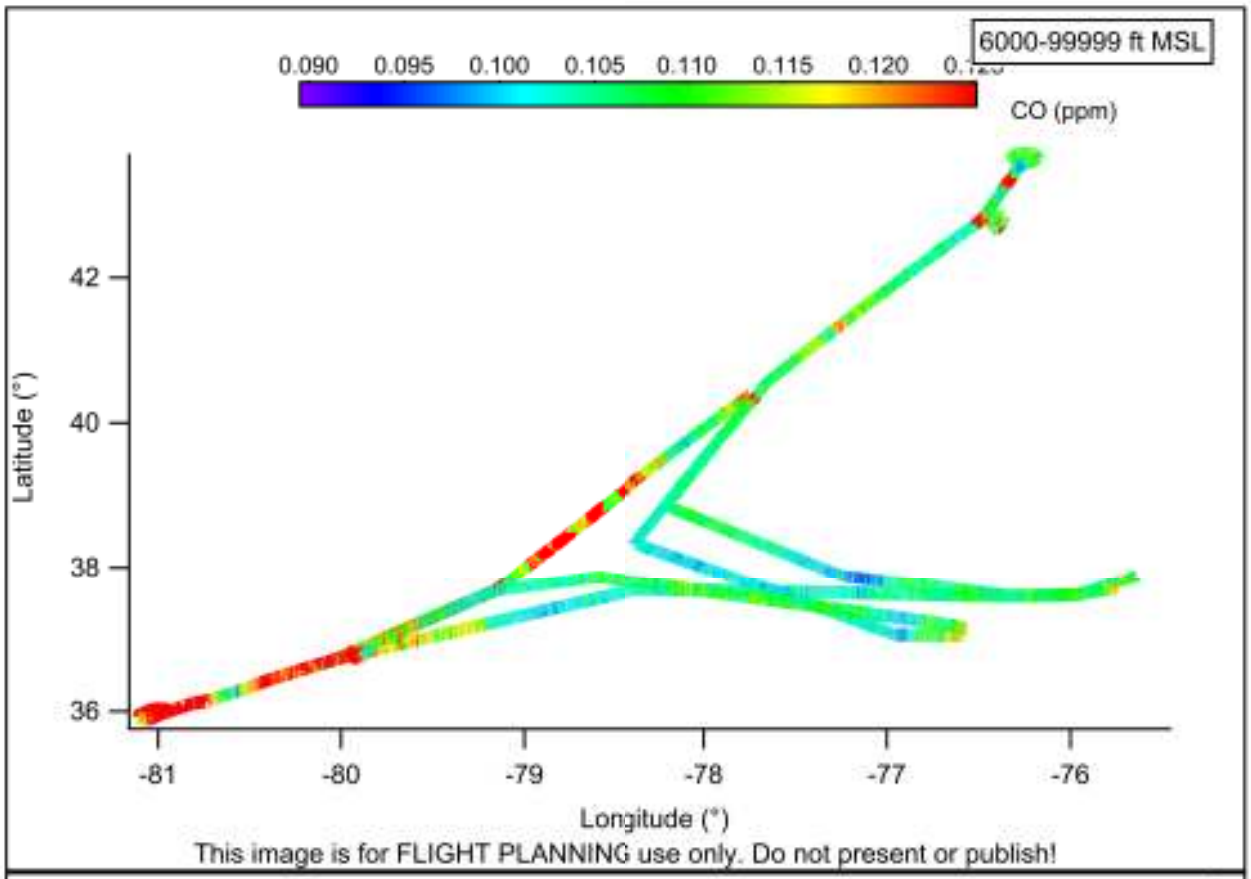

0-6000 ft MSL
2 4 6 8 10 12
H2O_gkg (g/kg)
Latitude (°)
42
40
38
36
-81 -80 -79 -78 -77 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

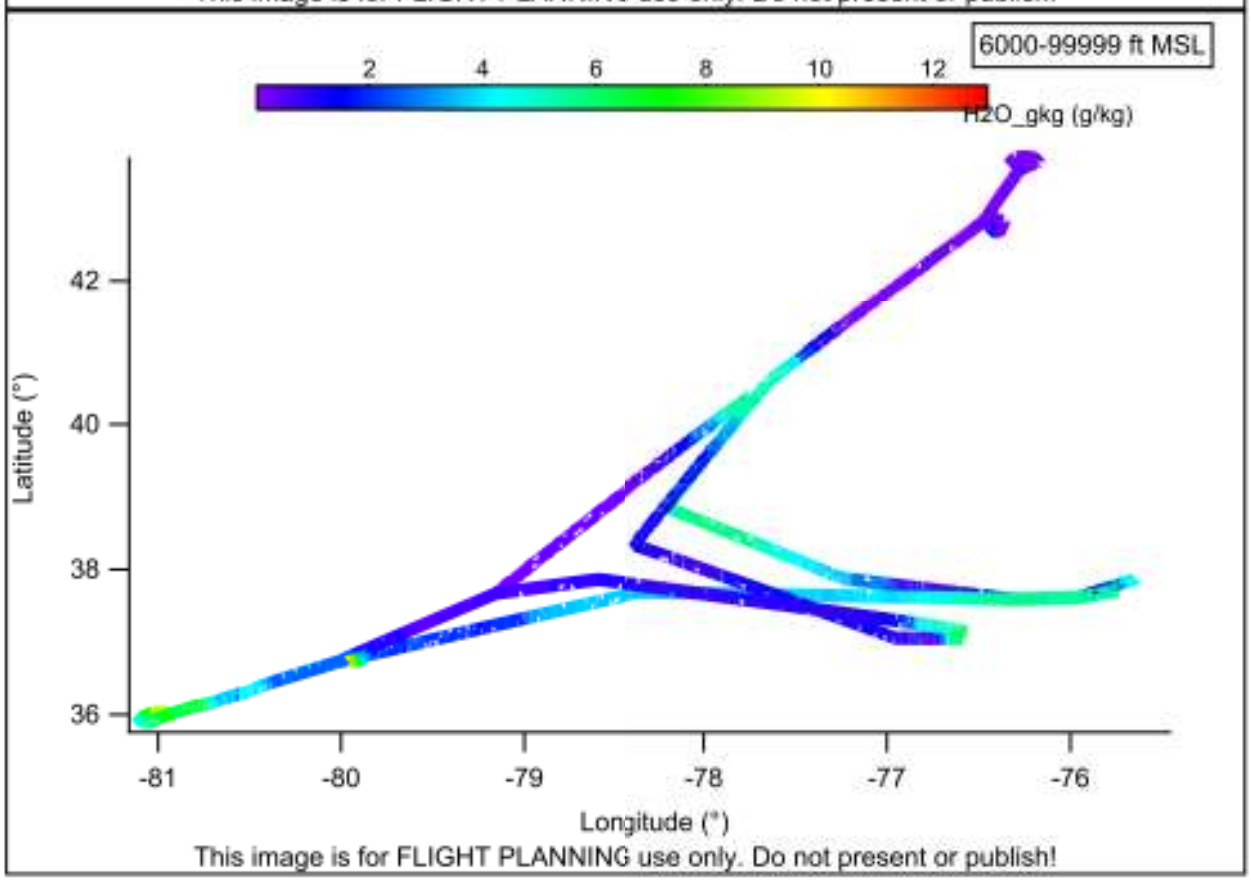

0-6000 ft MSL
-50
-40
-30
-20
-10
0
10
DP (°C)
Latitude (°)
42
40
38
36
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

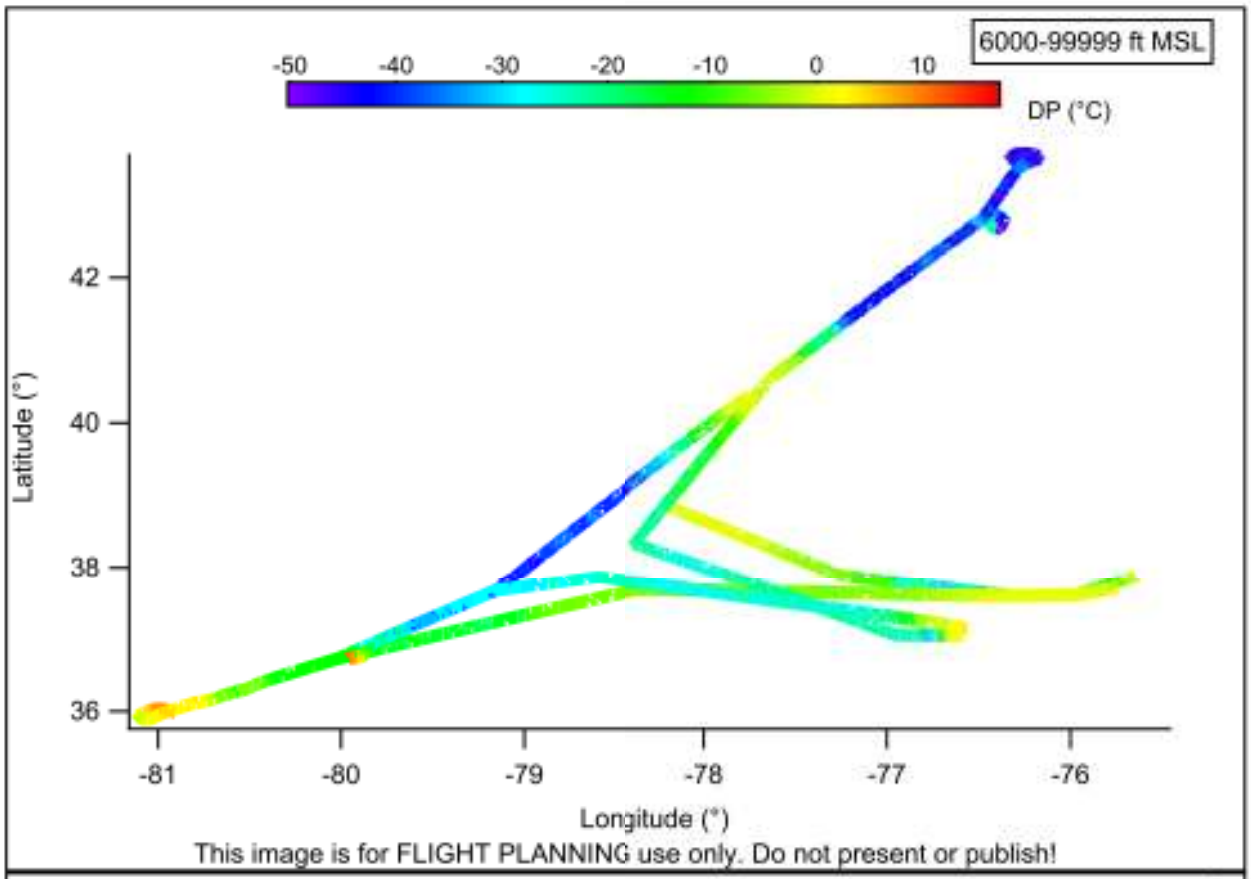

0-6000 ft MSL
40
50
60
70
80
90
O3 (ppb)
Latitude (°)
42
40
38
36
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

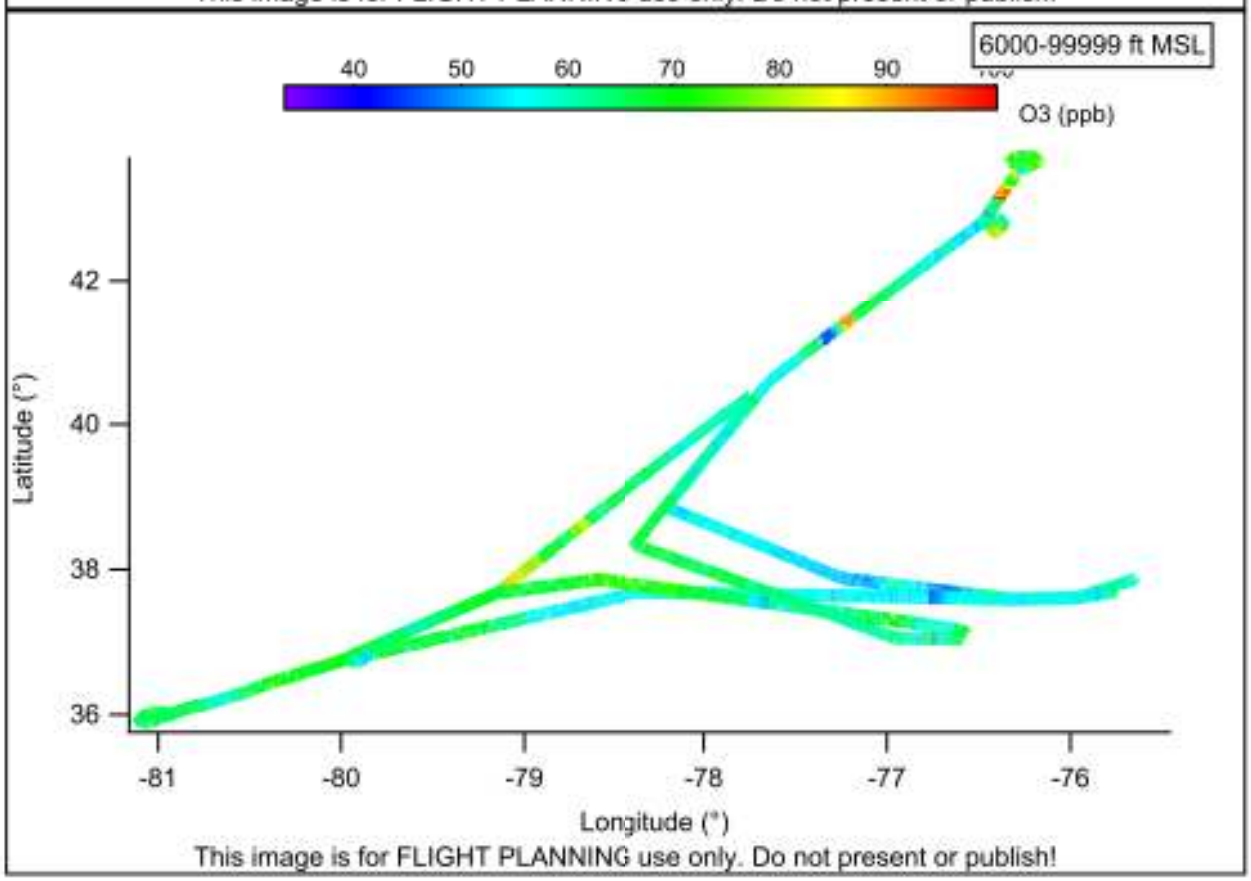

6000-99999 ft MSL
405
410
415
CO2 (ppm)
42
40
38
36
Latitude (°)
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

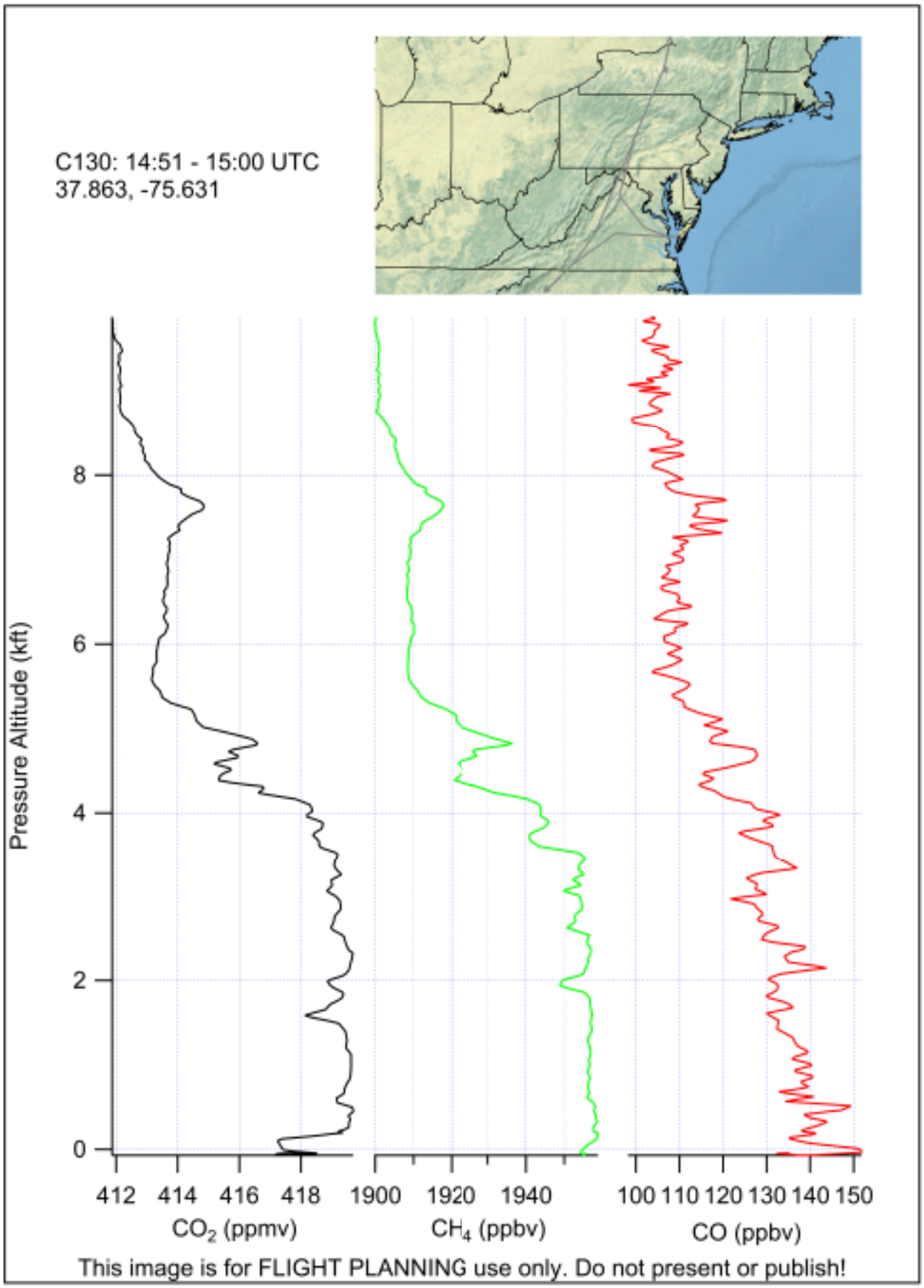

6000-99999 ft MSL
1.90
1.95
2.00
2.05
CH4 (ppm)
42
40
38
36
Latitude (°)
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

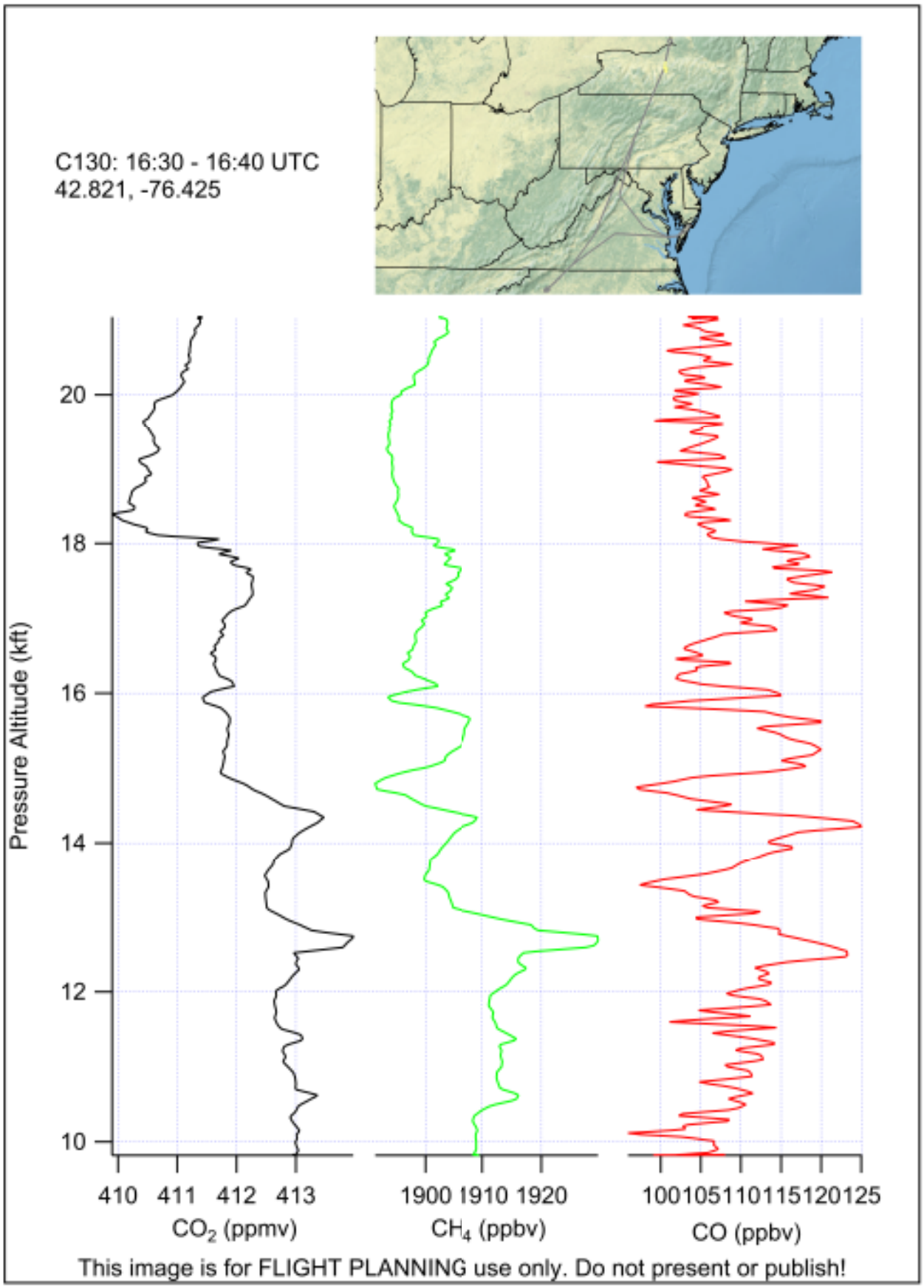

6000-99999 ft MSL
0.090 0.095 0.100 0.105 0.110 0.115 0.120
CO (ppm)
Latitude (°)
42
40
38
36
-81 -80 -79 -78 -77 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

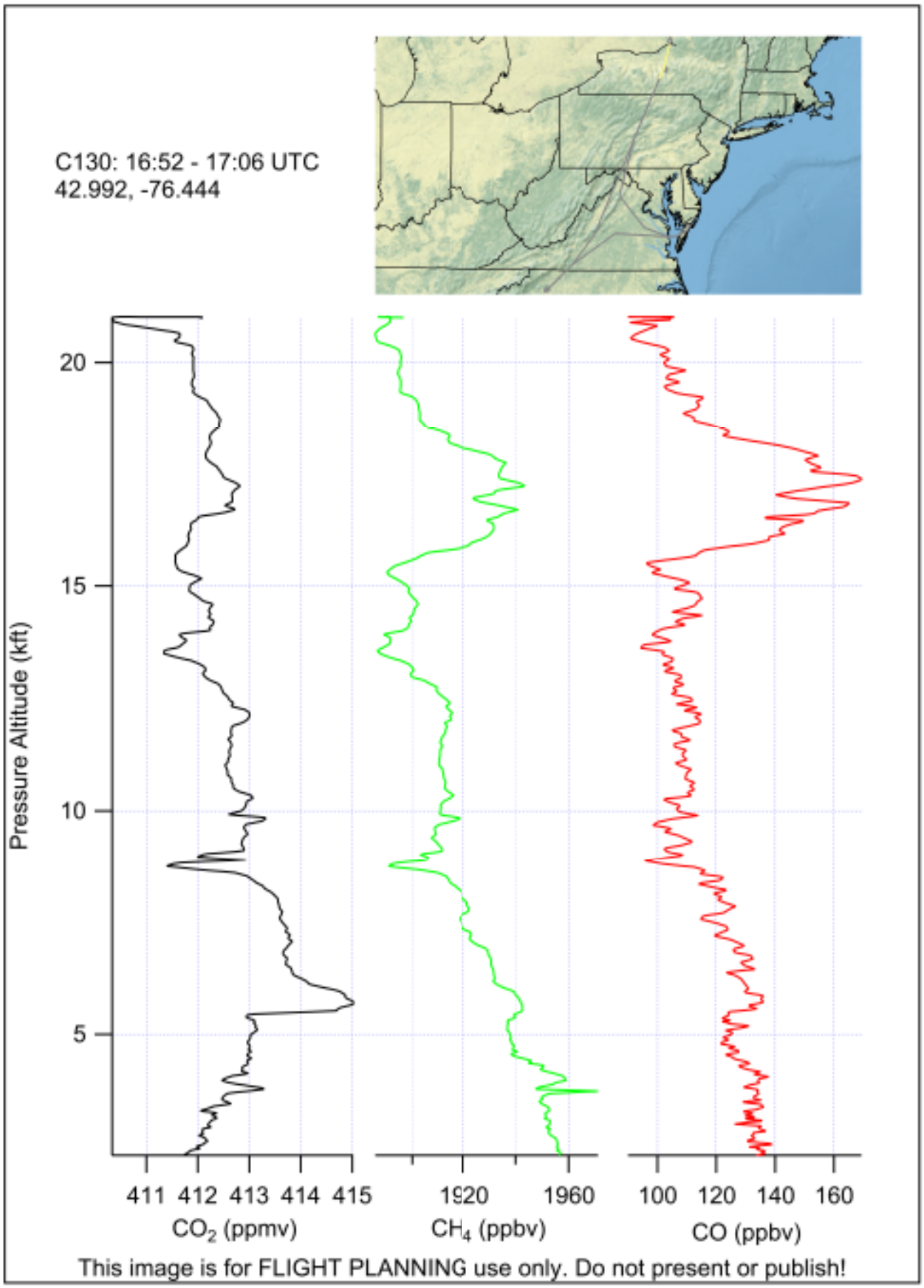

6000-99999 ft MSL
2 4 6 8 10 12
H2O_gkg (g/kg)
Latitude (°)
42
40
38
36
-81 -80 -79 -78 -77 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

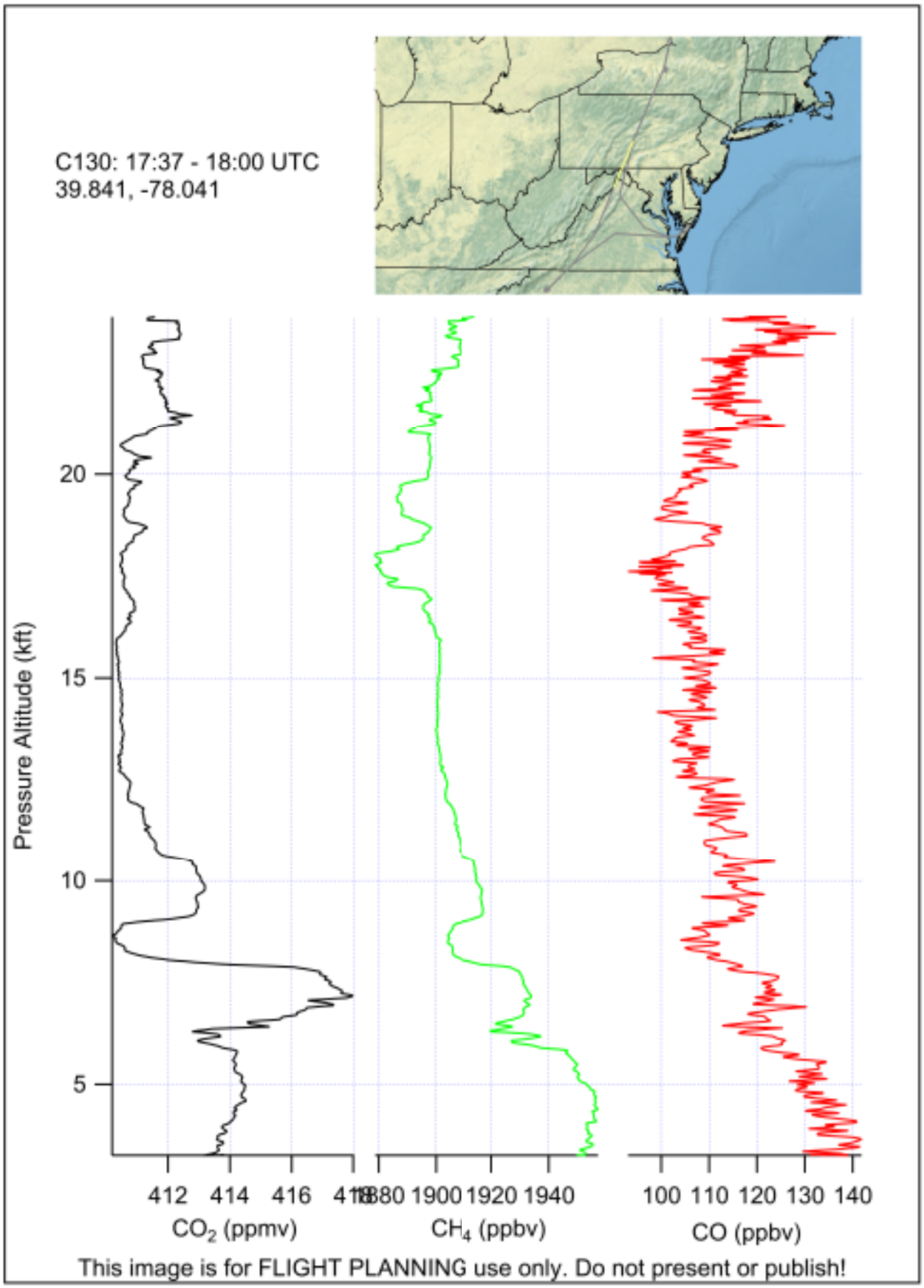

6000-99999 ft MSL
-50
-40
-30
-20
-10
0
10
DP (°C)
Latitude (°)
42
40
38
36
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

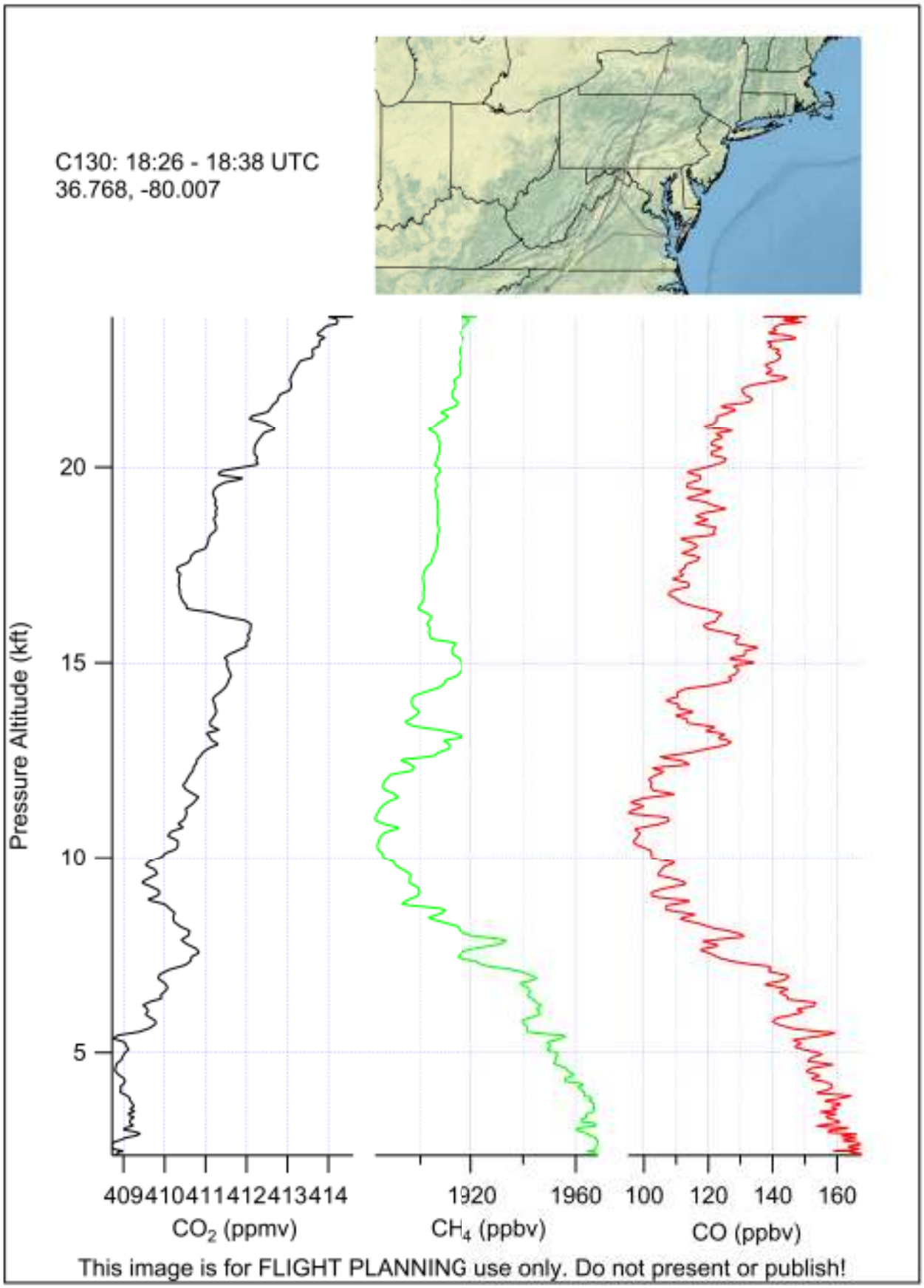

6000-99999 ft MSL
40
50
60
70
80
90
O3 (ppb)
Latitude (°)
42
40
38
36
-81
-80
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

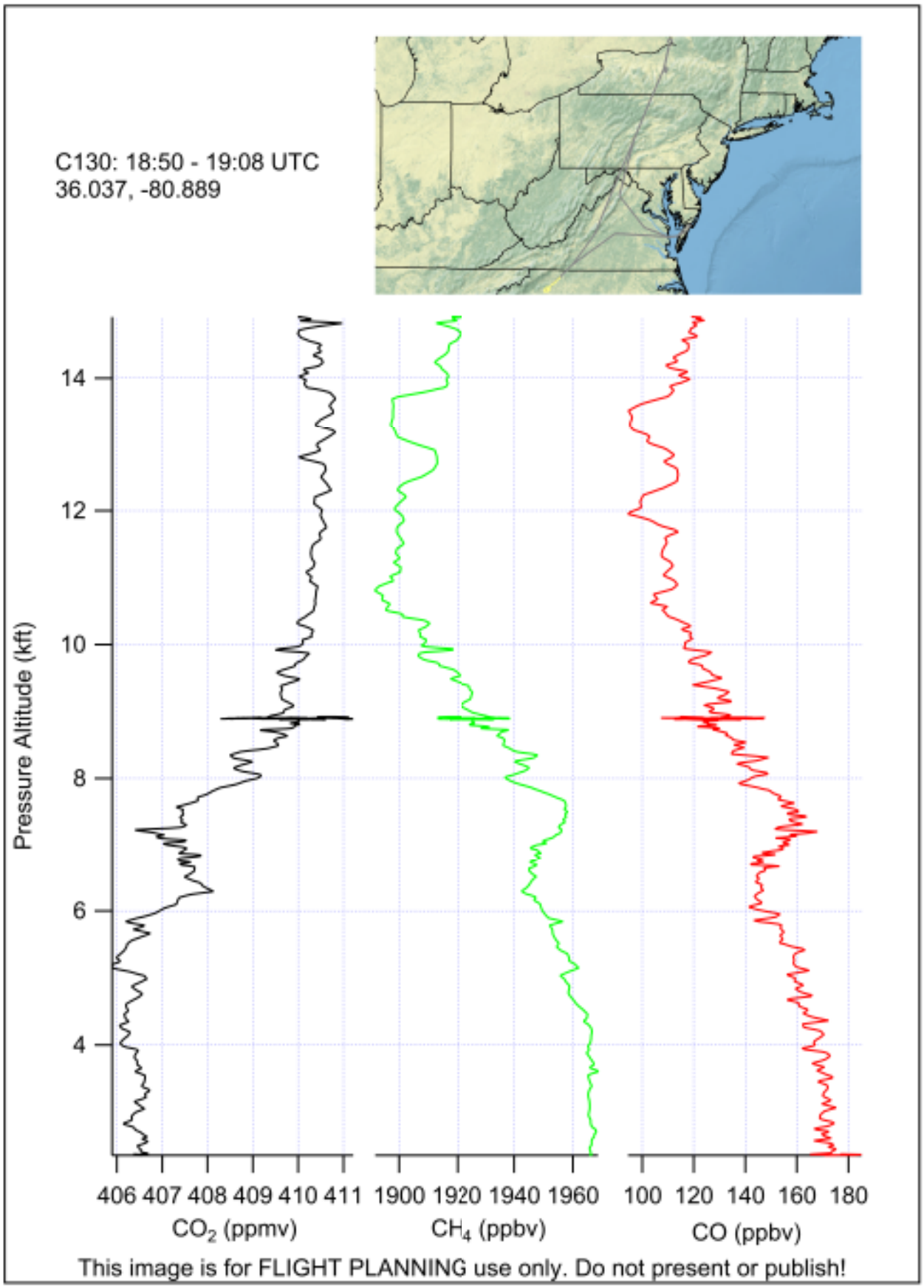

C130: 14:51 - 15:00 UTC
37.863, -75.631
Pressure Altitude (kft)
0
2
4
6
8
412 414 416 418
CO2 (ppmv)
1900 1920 1940
CH4 (ppbv)
100 110 120 130 140 150
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

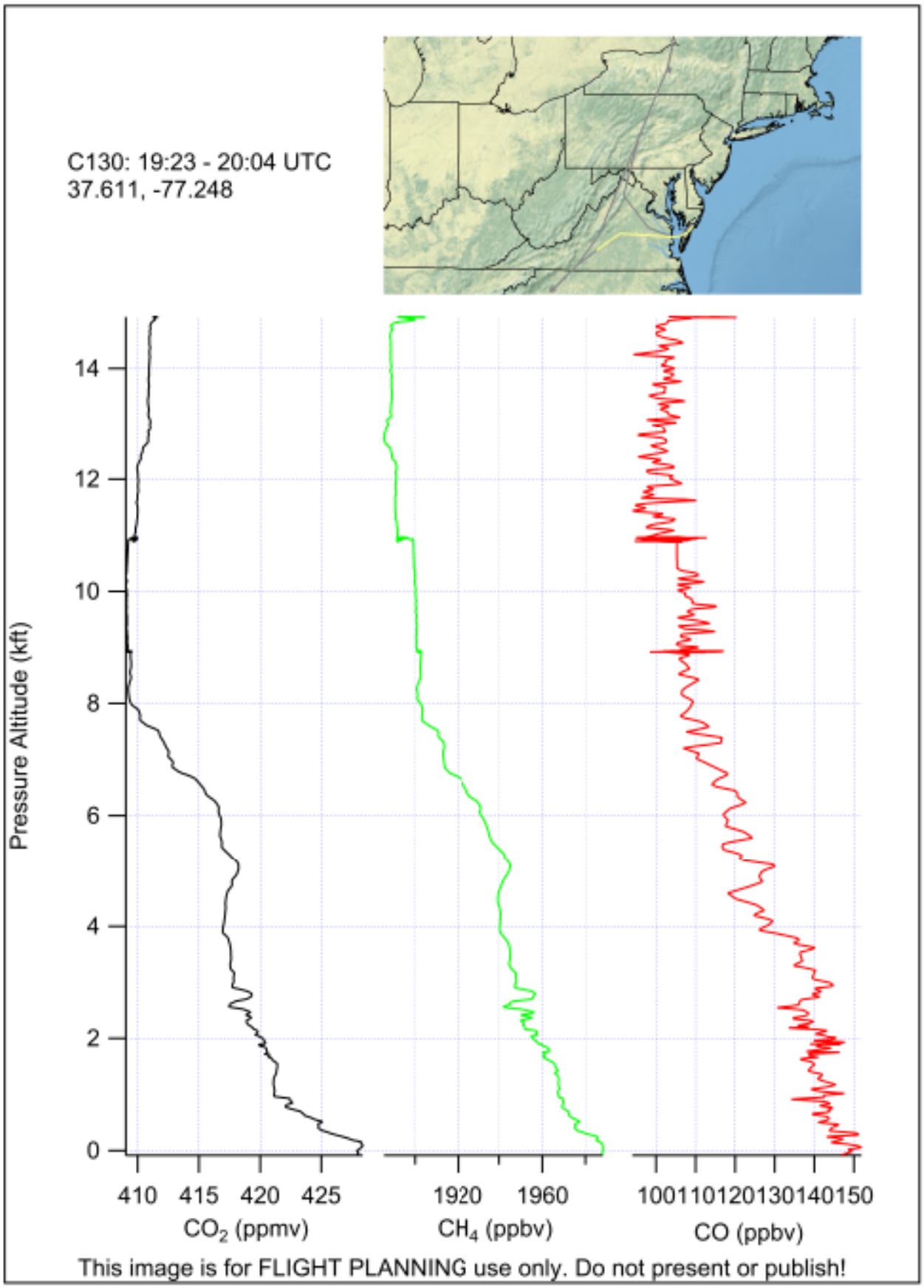

C130: 16:30 - 16:40 UTC
42.821, -76.425
Pressure Altitude (kft)
20
18
16
14
12
10
410 411 412 413
CO2 (ppmv)
1900 1910 1920
CH4 (ppbv)
100105110115120125
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

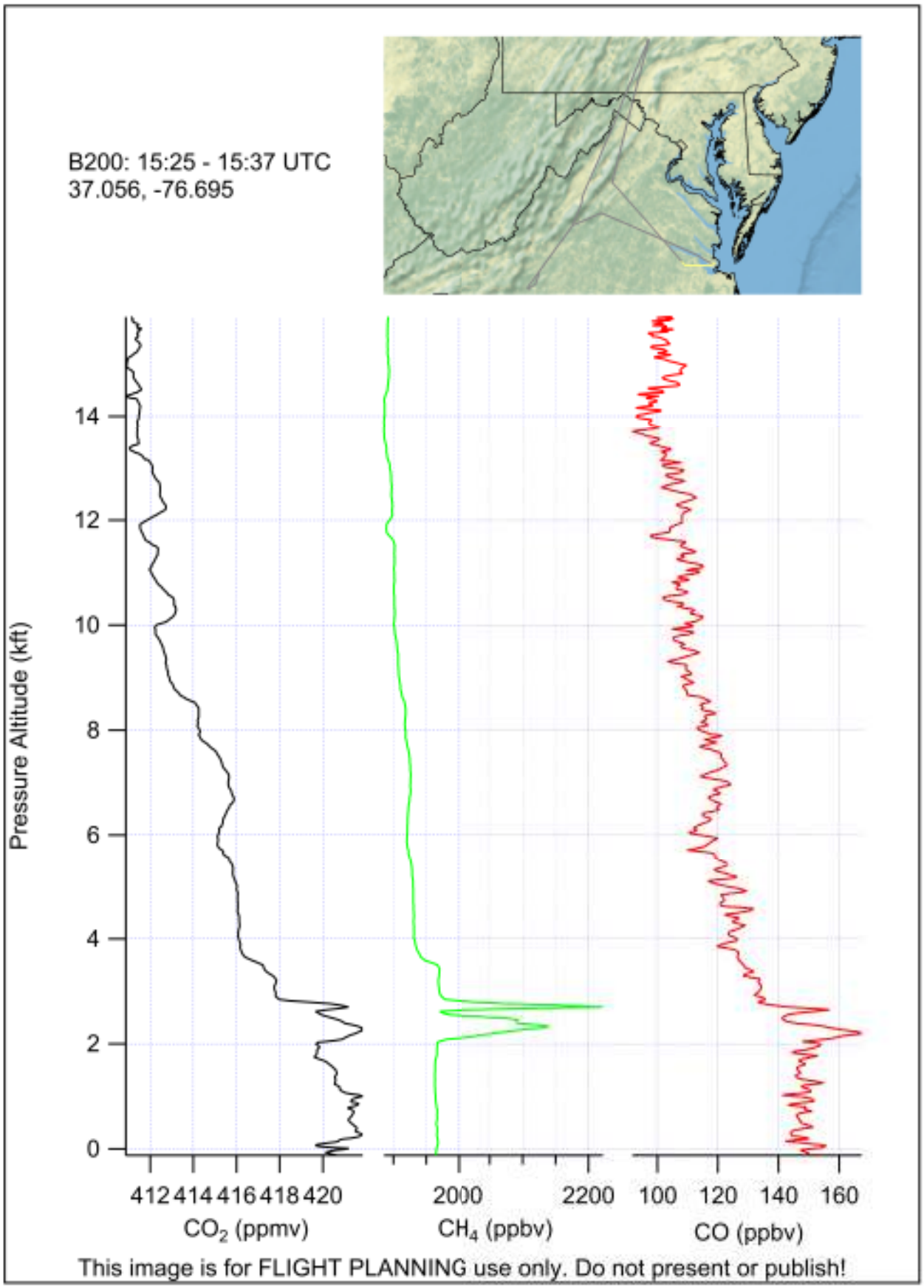

C130: 16:52 - 17:06 UTC
42.992, -76.444
Pressure Altitude (kft)
20
15
10
5
411 412 413 414 415
CO2 (ppmv)
1920 1960
CH4 (ppbv)
100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

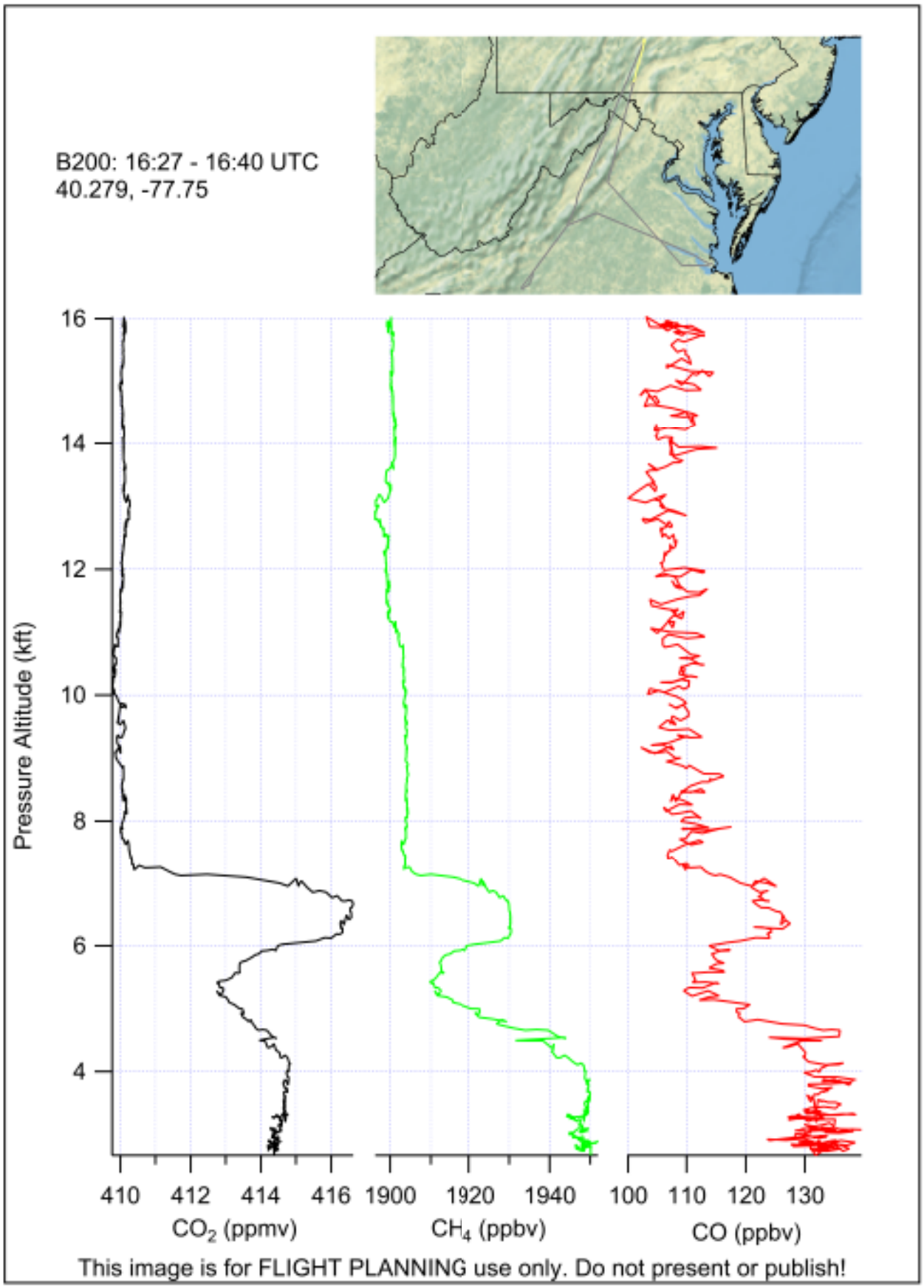

C130: 17:37 - 18:00 UTC
39.841, -78.041
Pressure Altitude (kft)
20
15
10
5
412 414 416 418
CO_2 (ppmv)
1880 1900 1920 1940
CH_4 (ppbv)
100 110 120 130 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

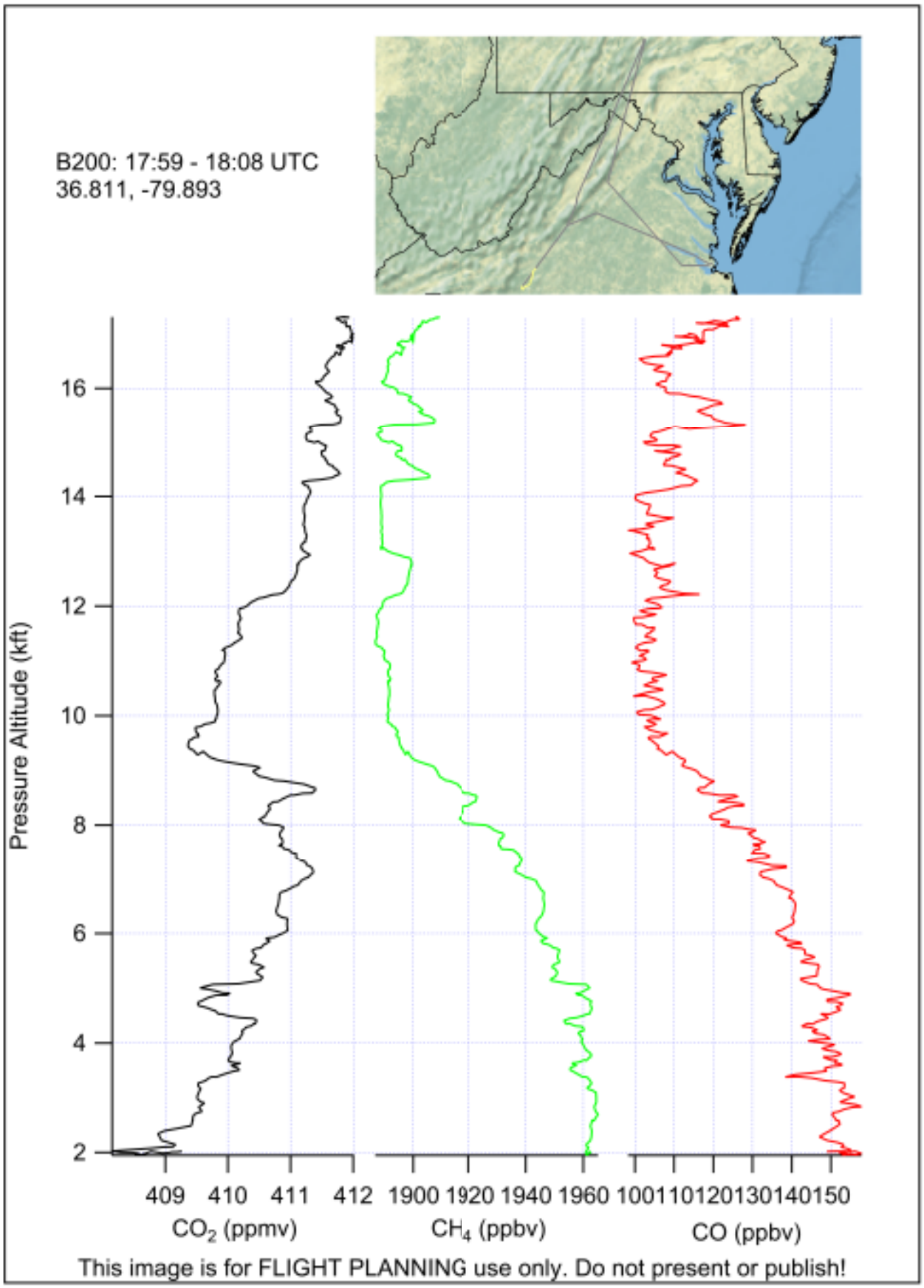

C130: 18:26 - 18:38 UTC
36.768, -80.007
Pressure Altitude (kft)
20
15
10
5
409410411412413414
CO2 (ppmv)
1920
1960
CH4 (ppbv)
100
120
140
160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

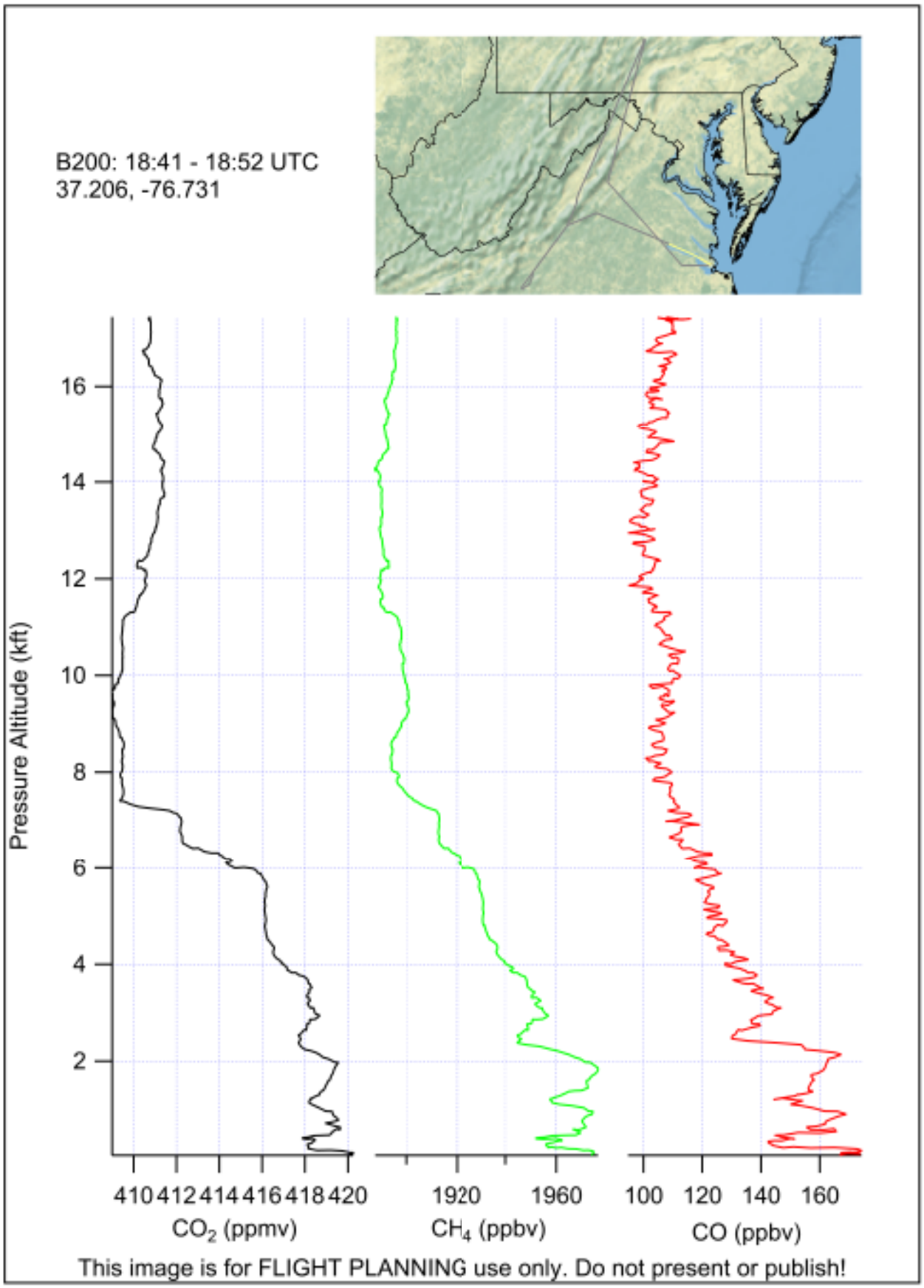

C130: 18:50 - 19:08 UTC
36.037, -80.889
Pressure Altitude (kft)
14
12
10
8
6
4
406 407 408 409 410 411
CO2 (ppmv)
1900 1920 1940 1960
CH4 (ppbv)
100 120 140 160 180
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

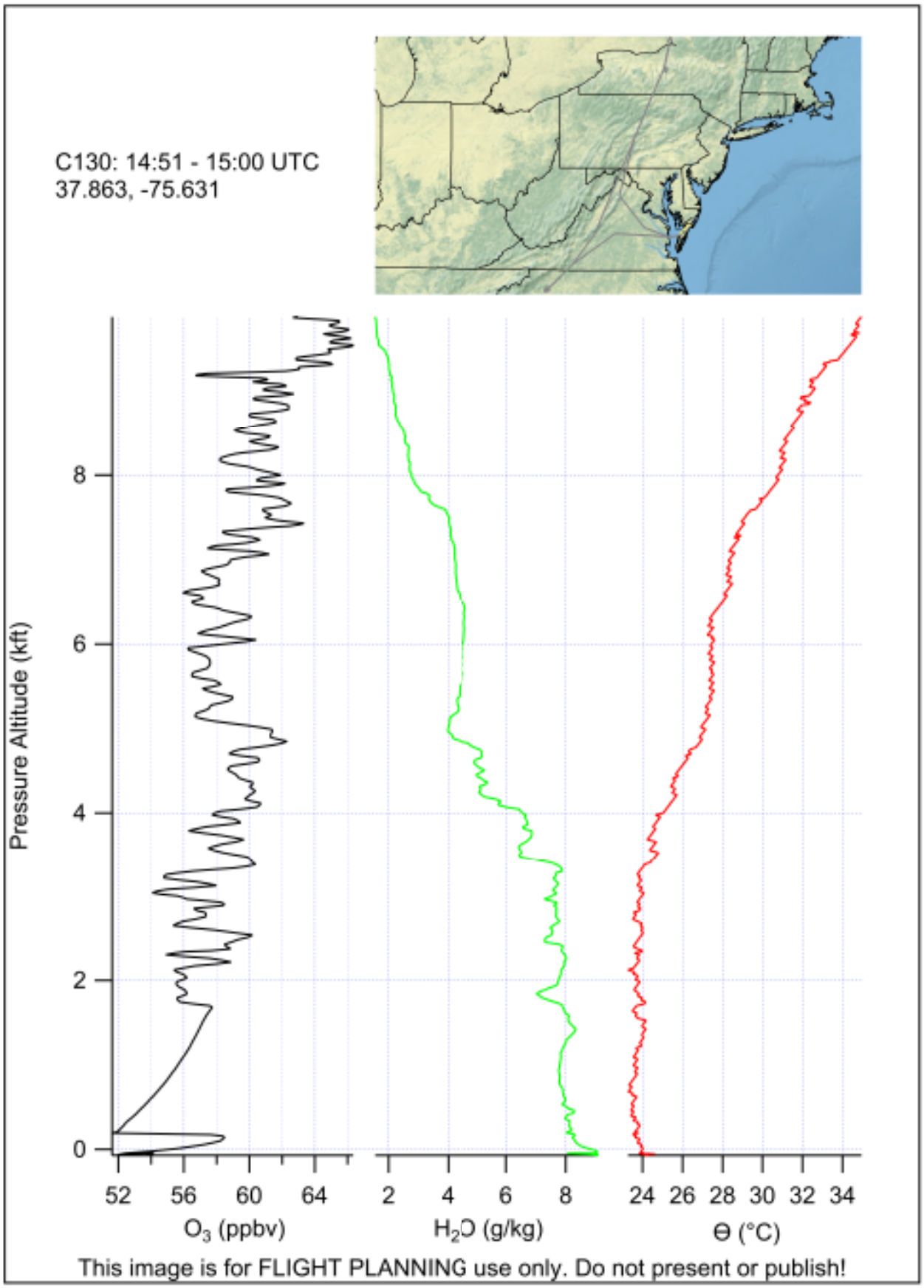

C130: 19:23 - 20:04 UTC
37.611, -77.248
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
410 415 420 425
CO2 (ppmv)
1920 1960
CH4 (ppbv)
100110120130140150
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

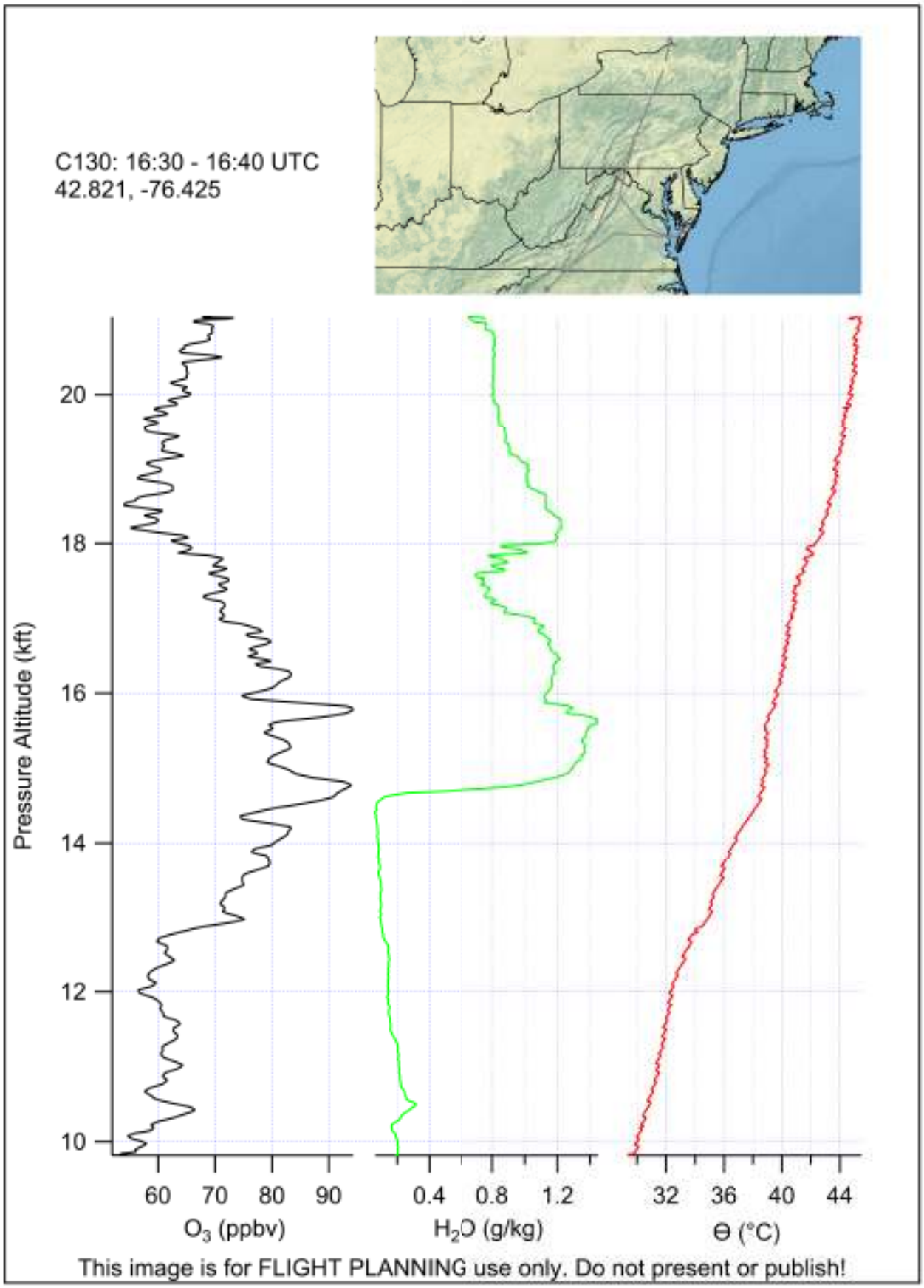

B200: 15:25 - 15:37 UTC
37.056, -76.695
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
412 414 416 418 420
CO2 (ppmv)
2000
2200
CH4 (ppbv)
100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 16:27 - 16:40 UTC
40.279, -77.75
Pressure Altitude (kft)
16
14
12
10
8
6
4
410
412
414
416
CO2 (ppmv)
1900
1920
1940
CH4 (ppbv)
100
110
120
130
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:59 - 18:08 UTC
36.811, -79.893
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
409 410 411 412
CO2 (ppmv)
1900 1920 1940 1960
CH4 (ppbv)
100110120130140150
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:41 - 18:52 UTC
37.206, -76.731
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
410 412 414 416 418 420
CO2 (ppmv)
1920 1960
CH4 (ppbv)
100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 14:51 - 15:00 UTC
37.863, -75.631
Pressure Altitude (kft)
0
2
4
6
8
52
56
60
64
O3 (ppbv)
2
4
6
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: 16:30 - 16:40 UTC
42.821, -76.425
Pressure Altitude (kft)
20
18
16
14
12
10
60 70 80 90
O3 (ppbv)
0.4 0.8 1.2
H2O (g/kg)
32 36 40 44
Θ (°C)
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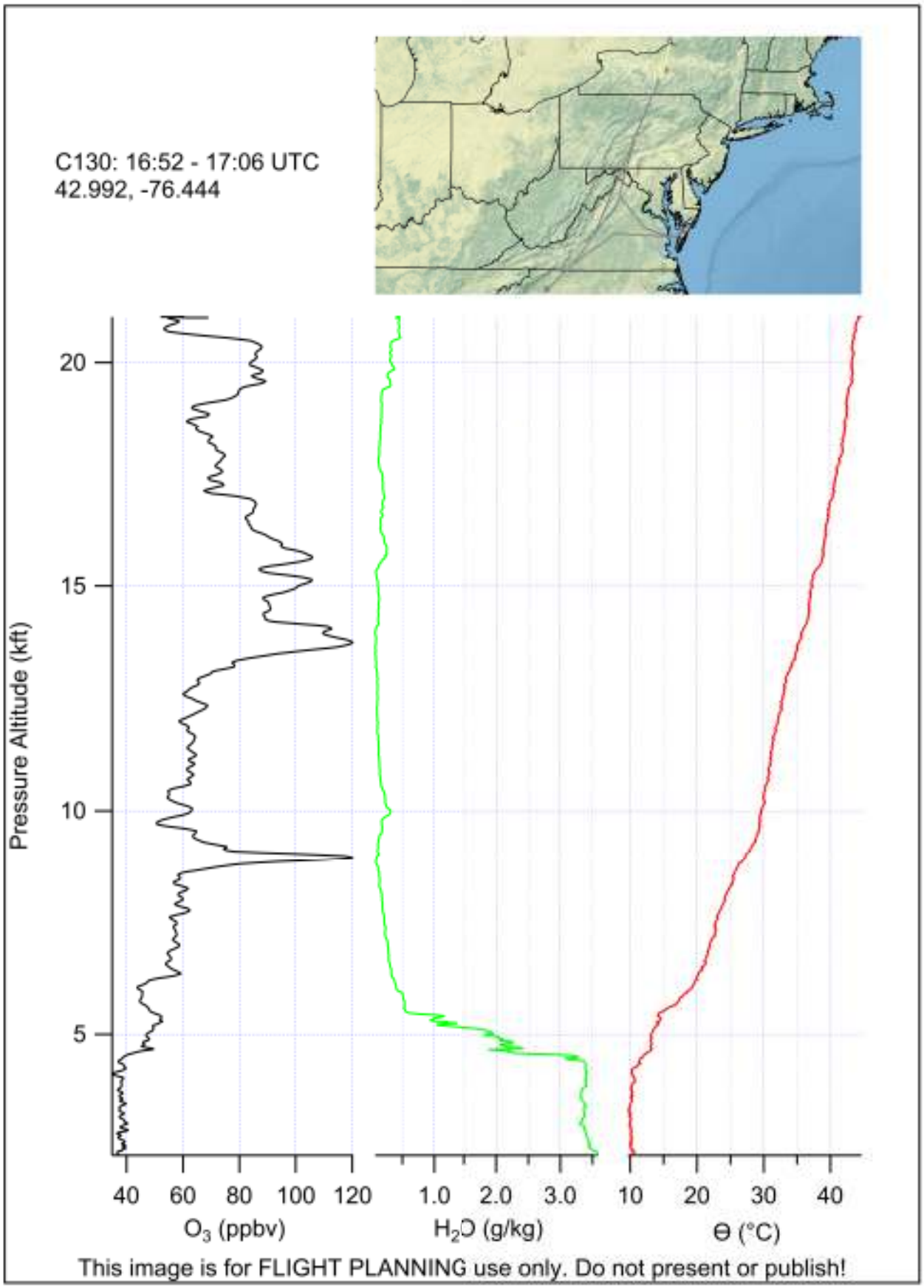
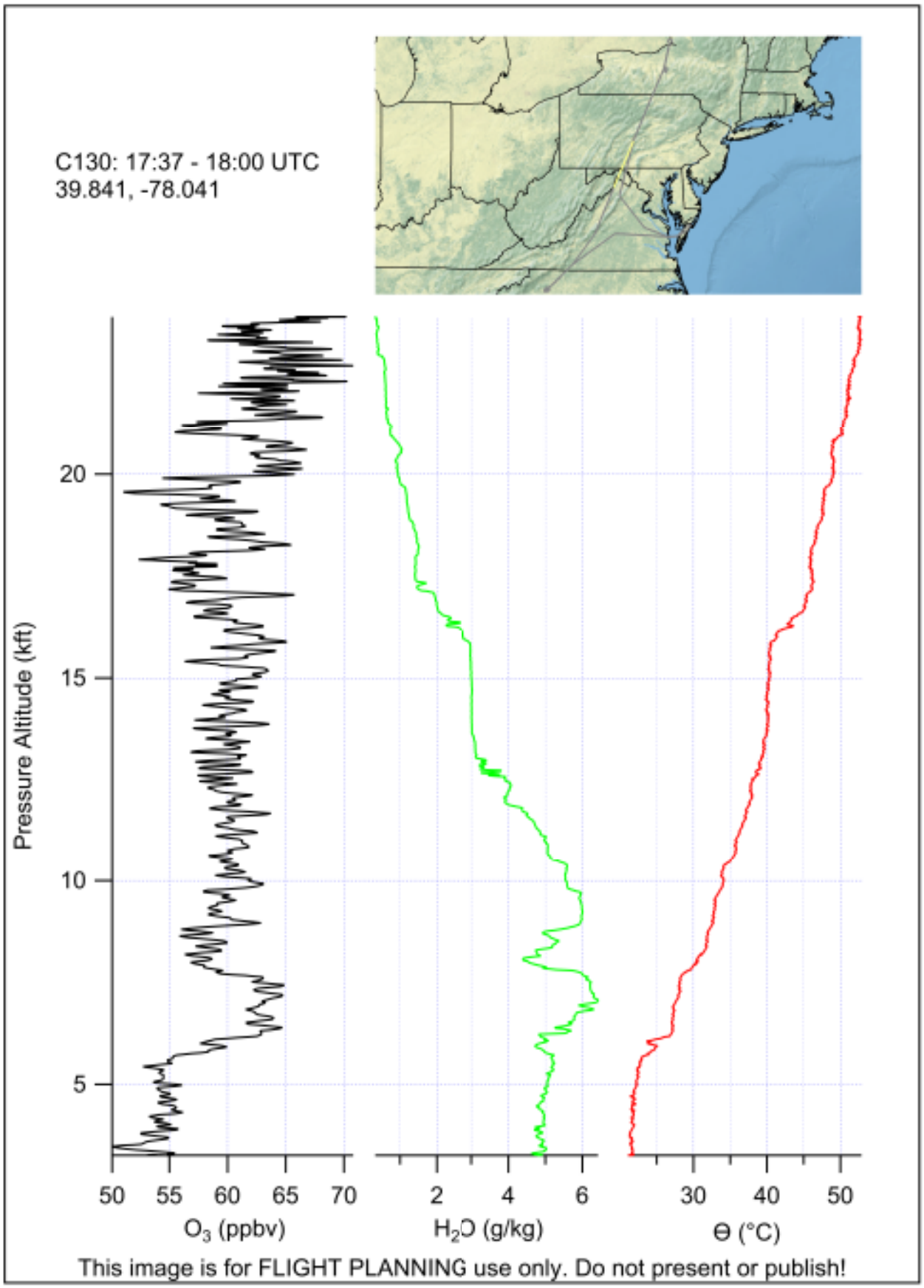
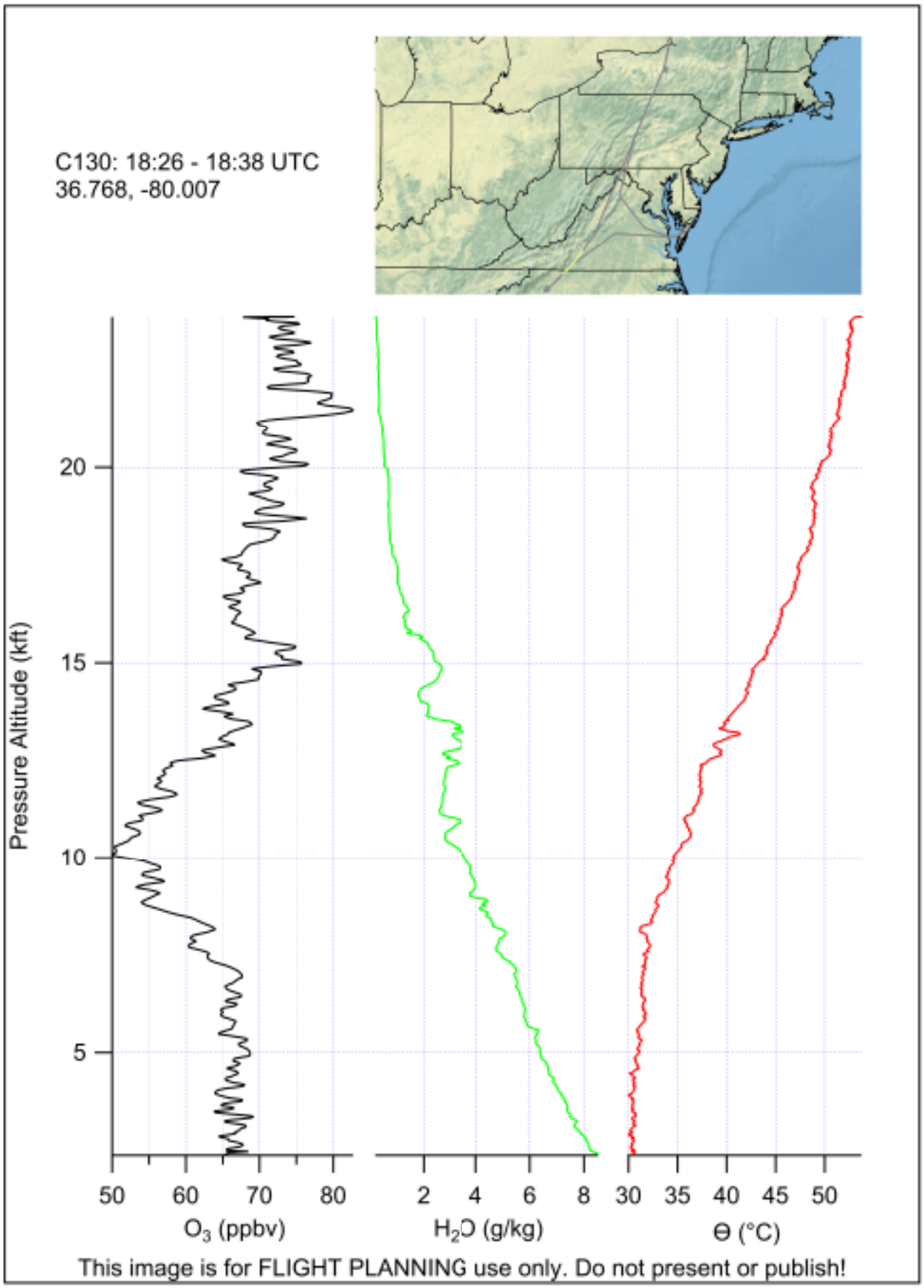
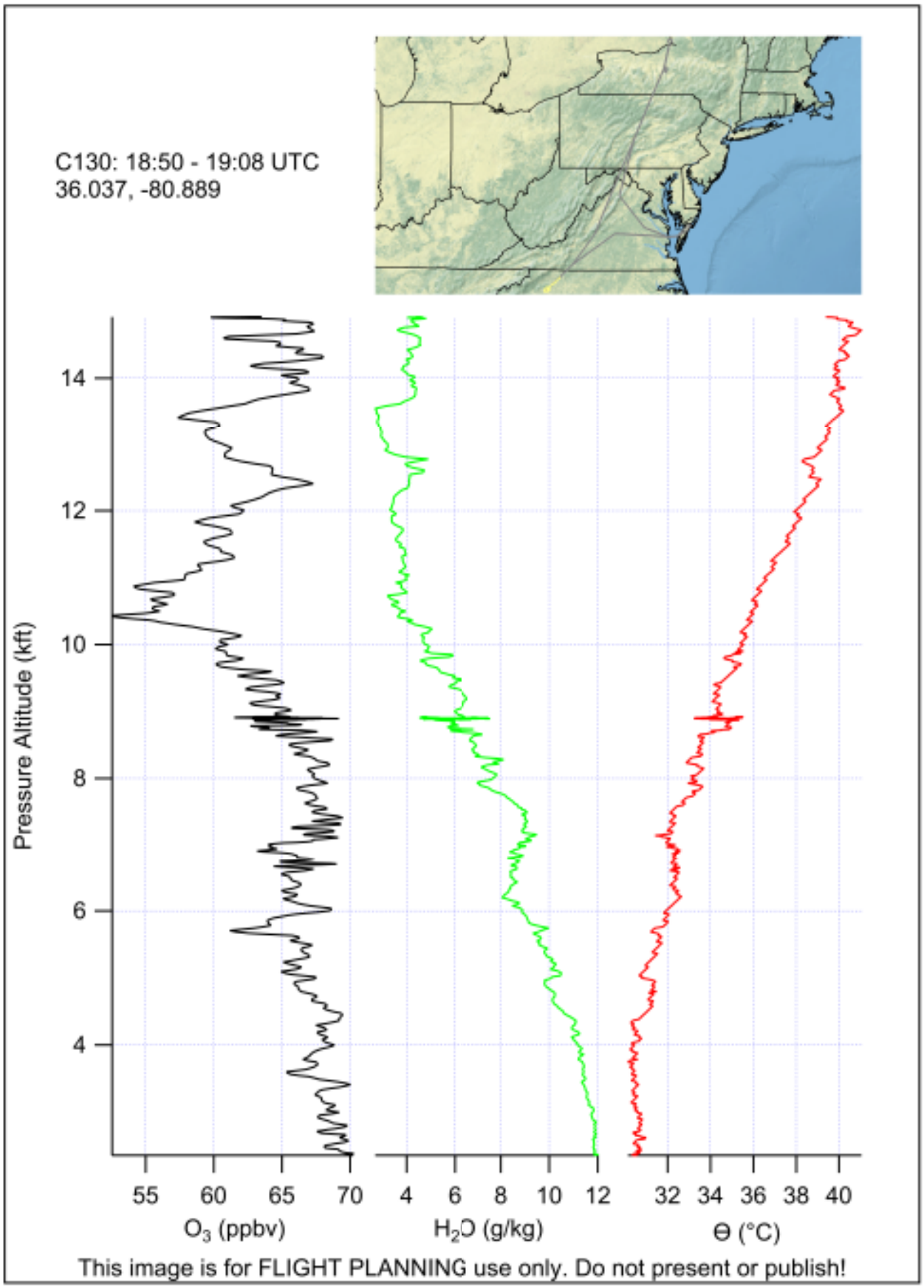
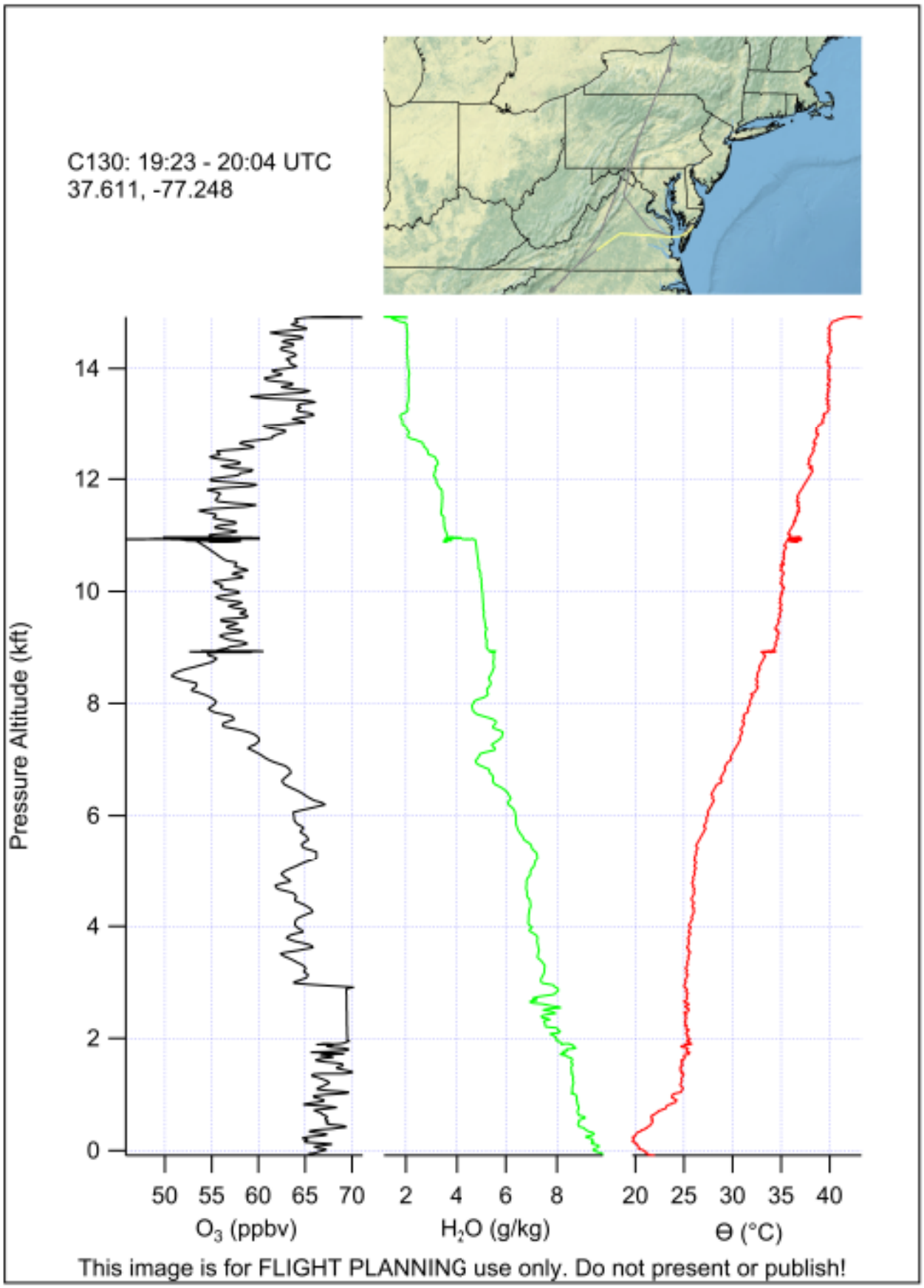
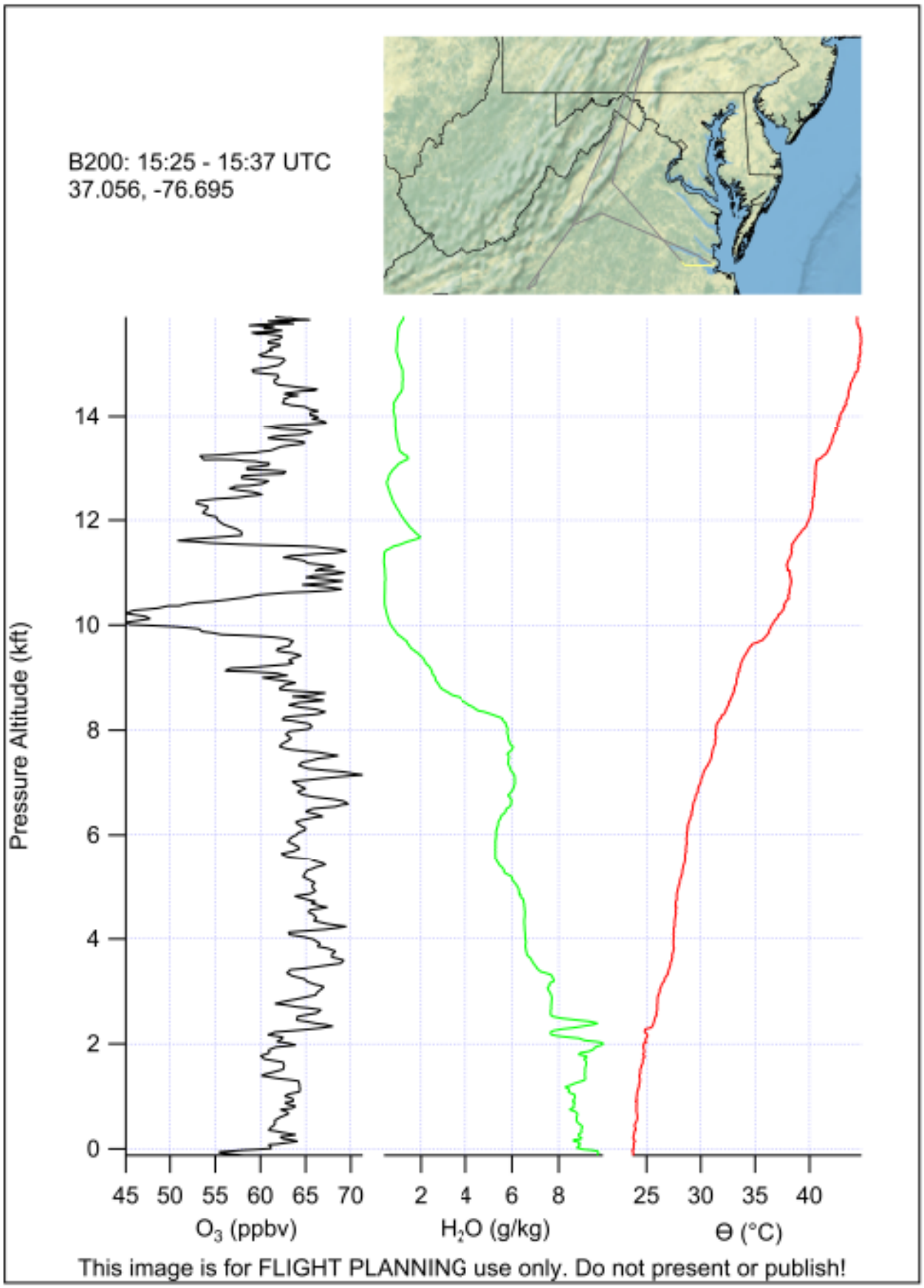

C130: 16:52 - 17:06 UTC
42.992, -76.444
Pressure Altitude (kft)
20
15
10
5
40
60
80
100
120
O3 (ppbv)
1.0
2.0
3.0
H2O (g/kg)
10
20
30
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

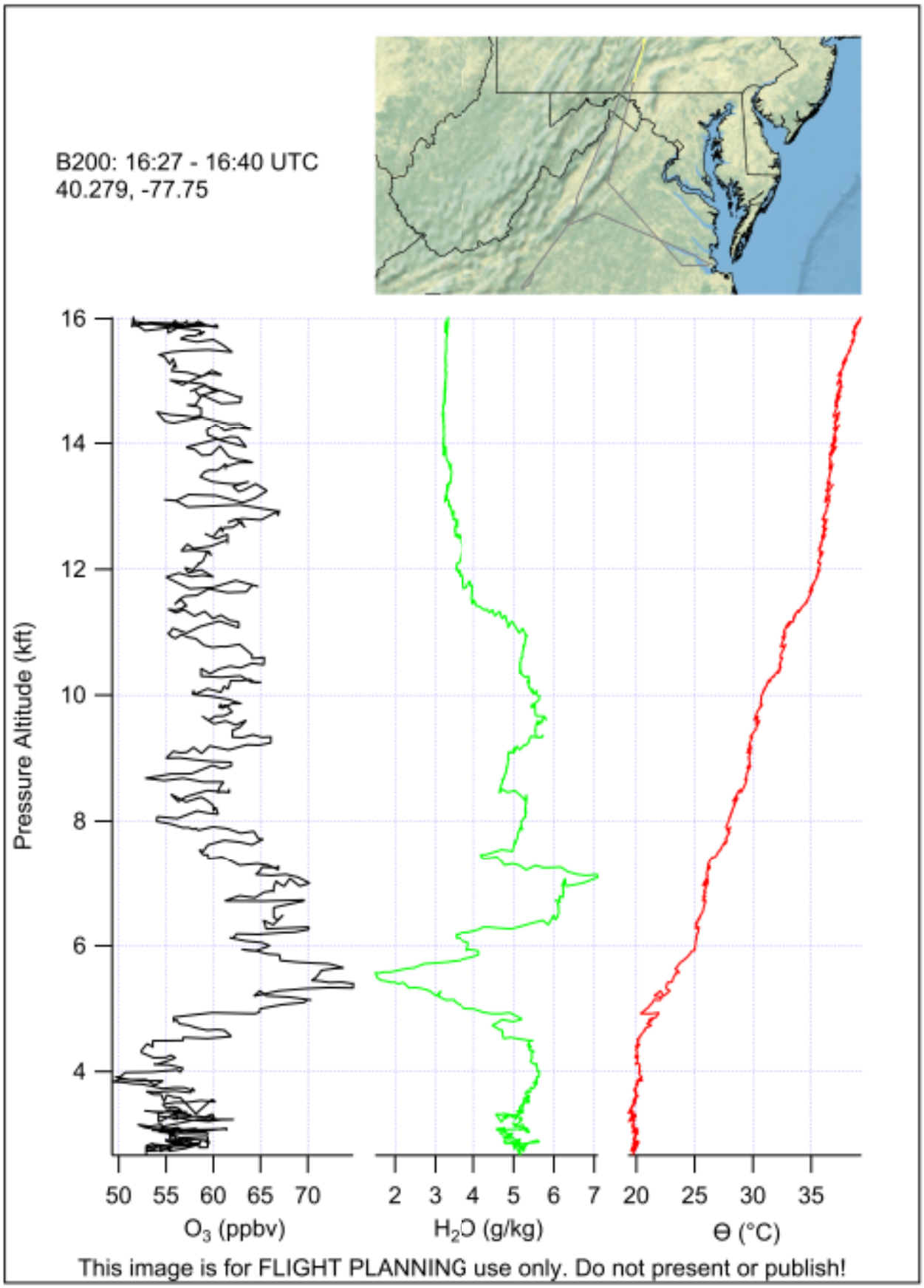

C130: 17:37 - 18:00 UTC
39.841, -78.041
Pressure Altitude (kft)
20
15
10
5
50
55
60
65
70
O3 (ppbv)
2
4
6
H2O (g/kg)
30
40
50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

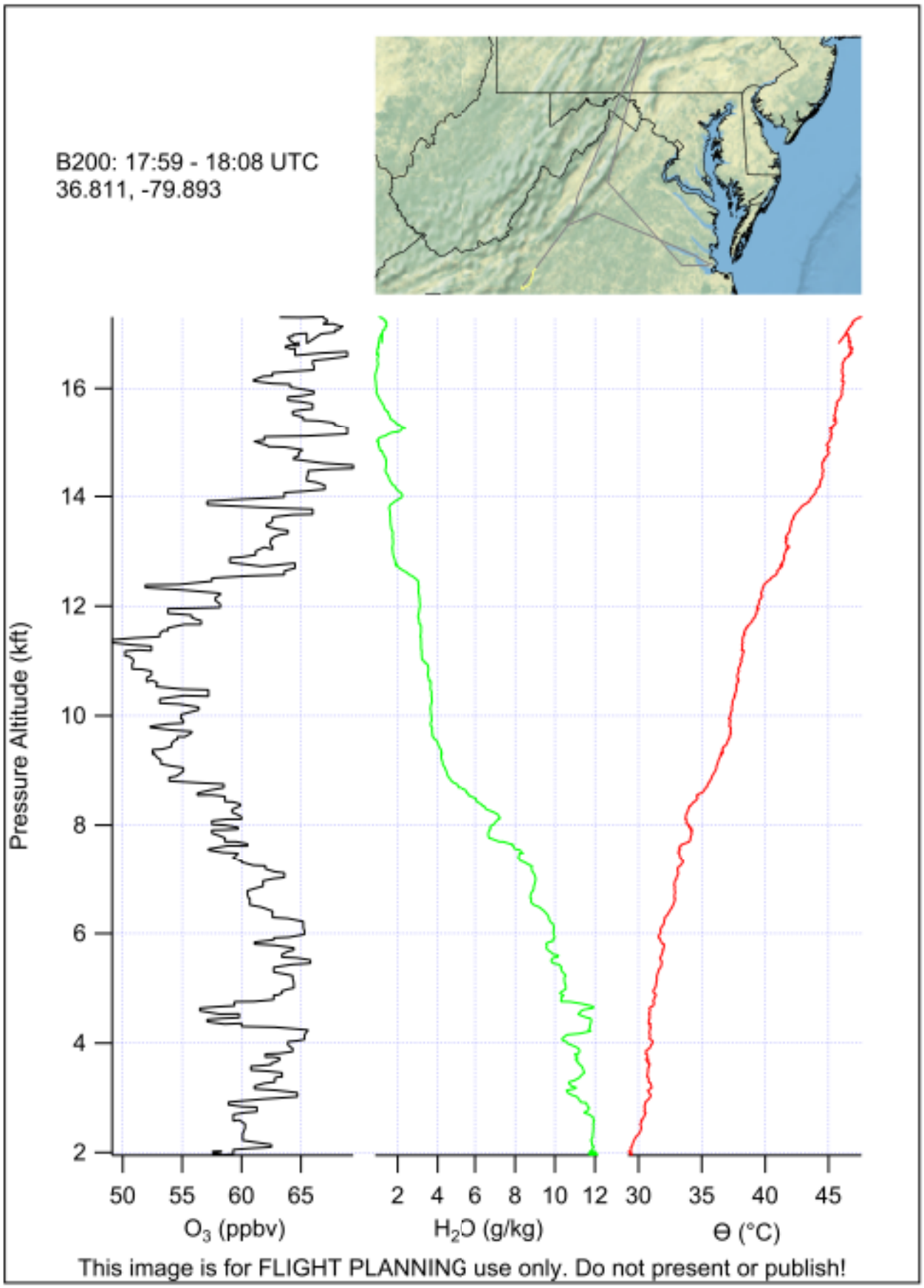

C130: 18:26 - 18:38 UTC
36.768, -80.007
Pressure Altitude (kft)
20
15
10
5
50
60
70
80
O3 (ppbv)
2
4
6
8
H2O (g/kg)
30
35
40
45
50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

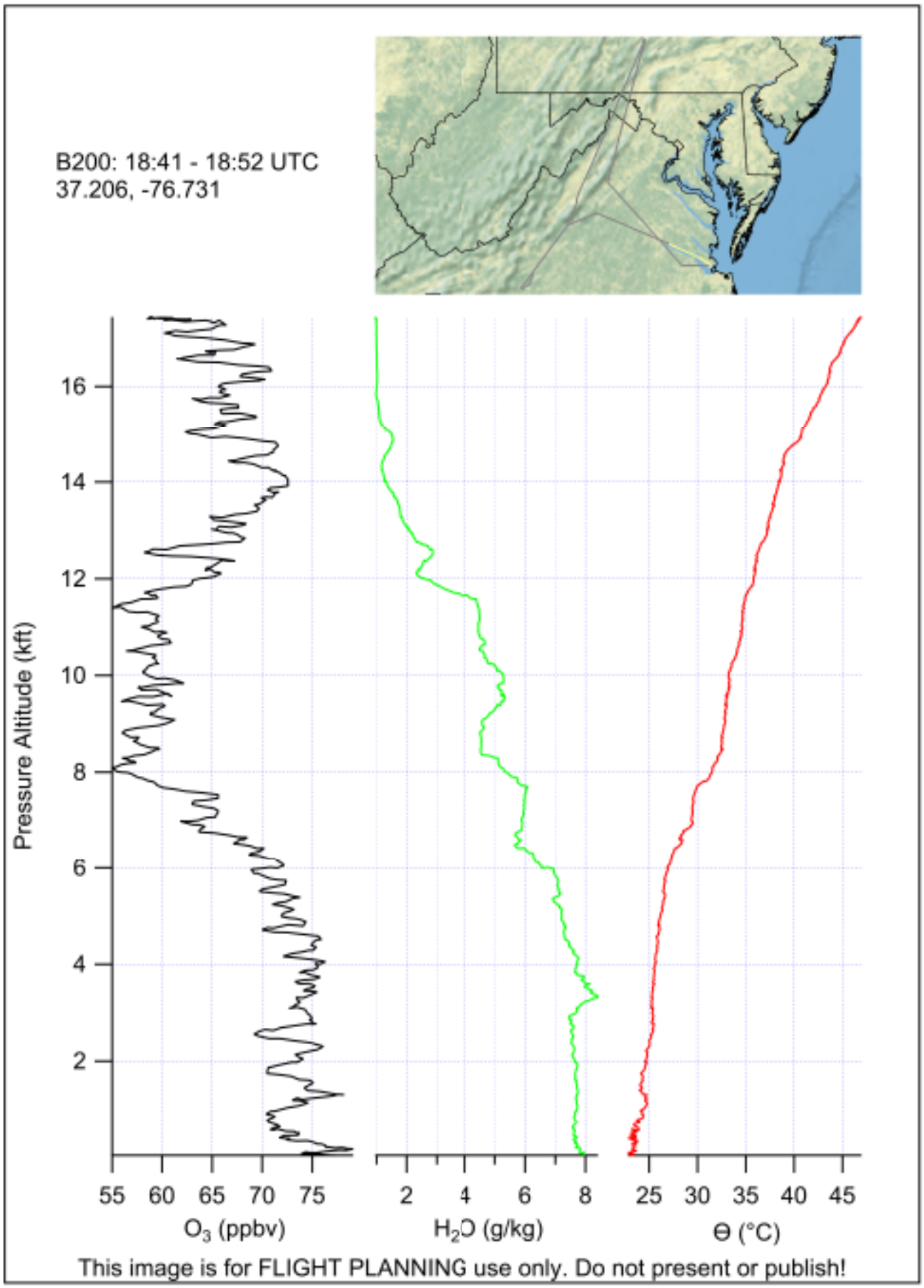

C130: 18:50 - 19:08 UTC
36.037, -80.889
Pressure Altitude (kft)
14
12
10
8
6
4
55
60
65
70
O3 (ppbv)
4
6
8
10
12
H2O (g/kg)
32
34
36
38
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:23 - 20:04 UTC
37.611, -77.248
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
50 55 60 65 70
O3 (ppbv)
2 4 6 8
H2O (g/kg)
20 25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 15:25 - 15:37 UTC
37.056, -76.695
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
45 50 55 60 65 70
O3 (ppbv)
2 4 6 8
H2O (g/kg)
25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 16:27 - 16:40 UTC
40.279, -77.75
Pressure Altitude (kft)
16
14
12
10
8
6
4
50 55 60 65 70
O3 (ppbv)
2 3 4 5 6 7
H2O (g/kg)
20 25 30 35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:59 - 18:08 UTC
36.811, -79.893
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
50 55 60 65
O3 (ppbv)
2 4 6 8 10 12
H2O (g/kg)
30 35 40 45
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:41 - 18:52 UTC
37.206, -76.731
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
55 60 65 70 75
O3 (ppbv)
2 4 6 8
H2O (g/kg)
25 30 35 40 45
Θ (°C)
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