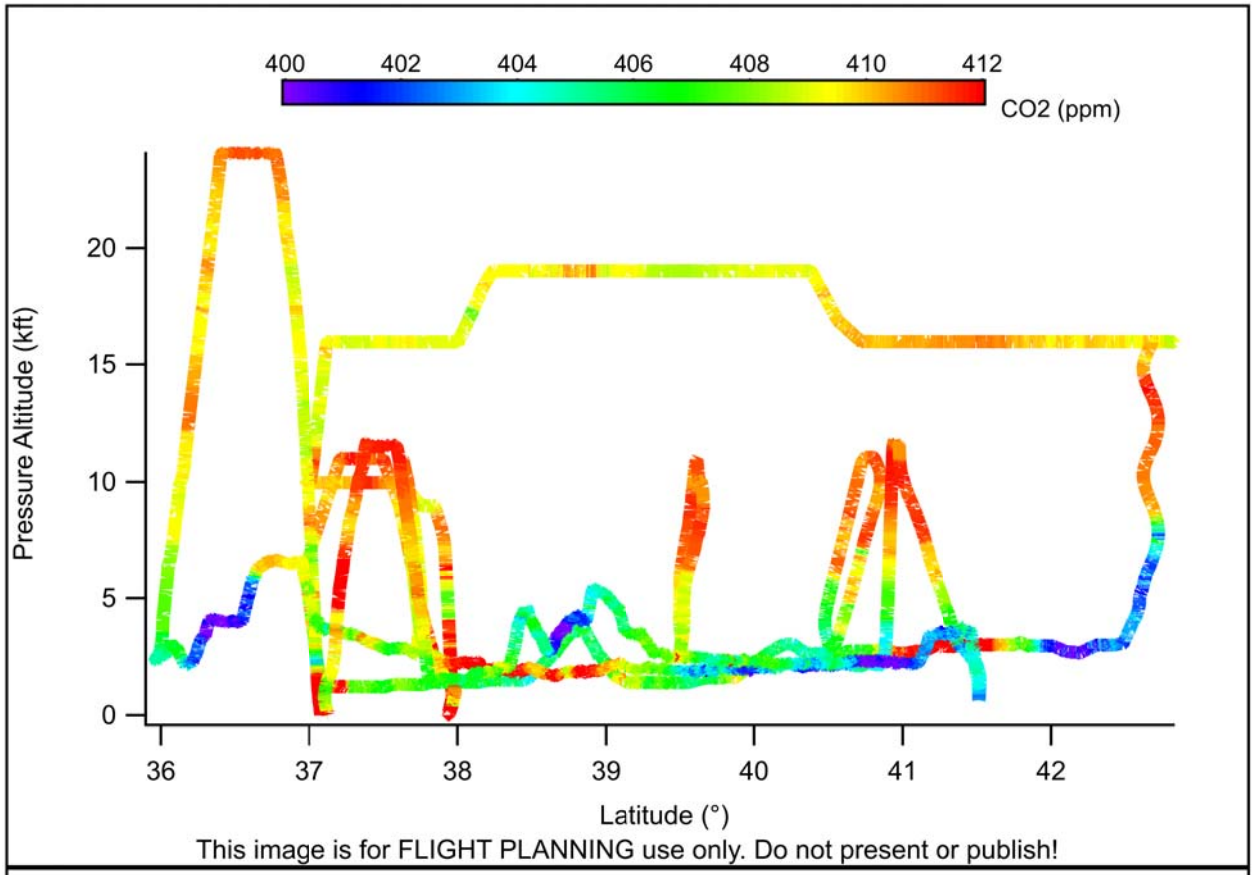
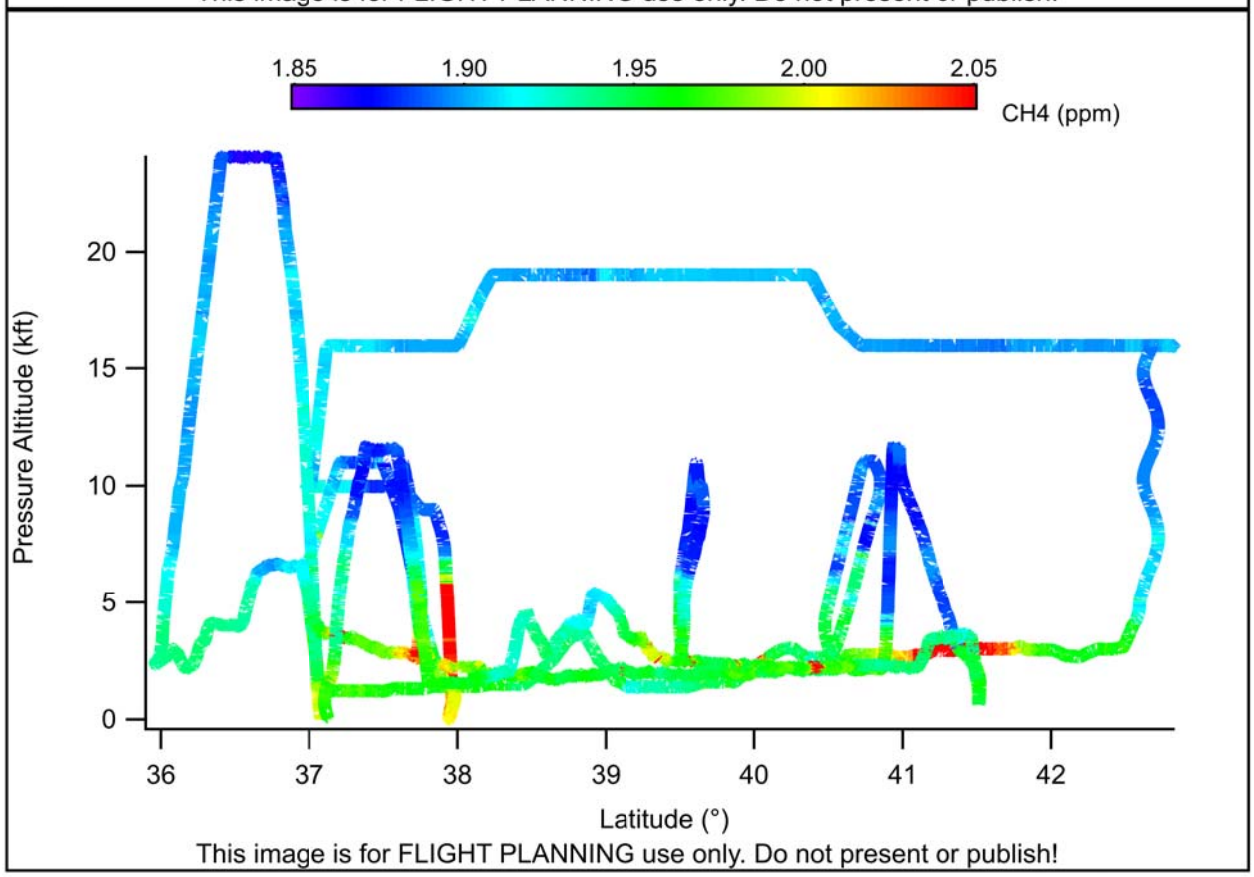
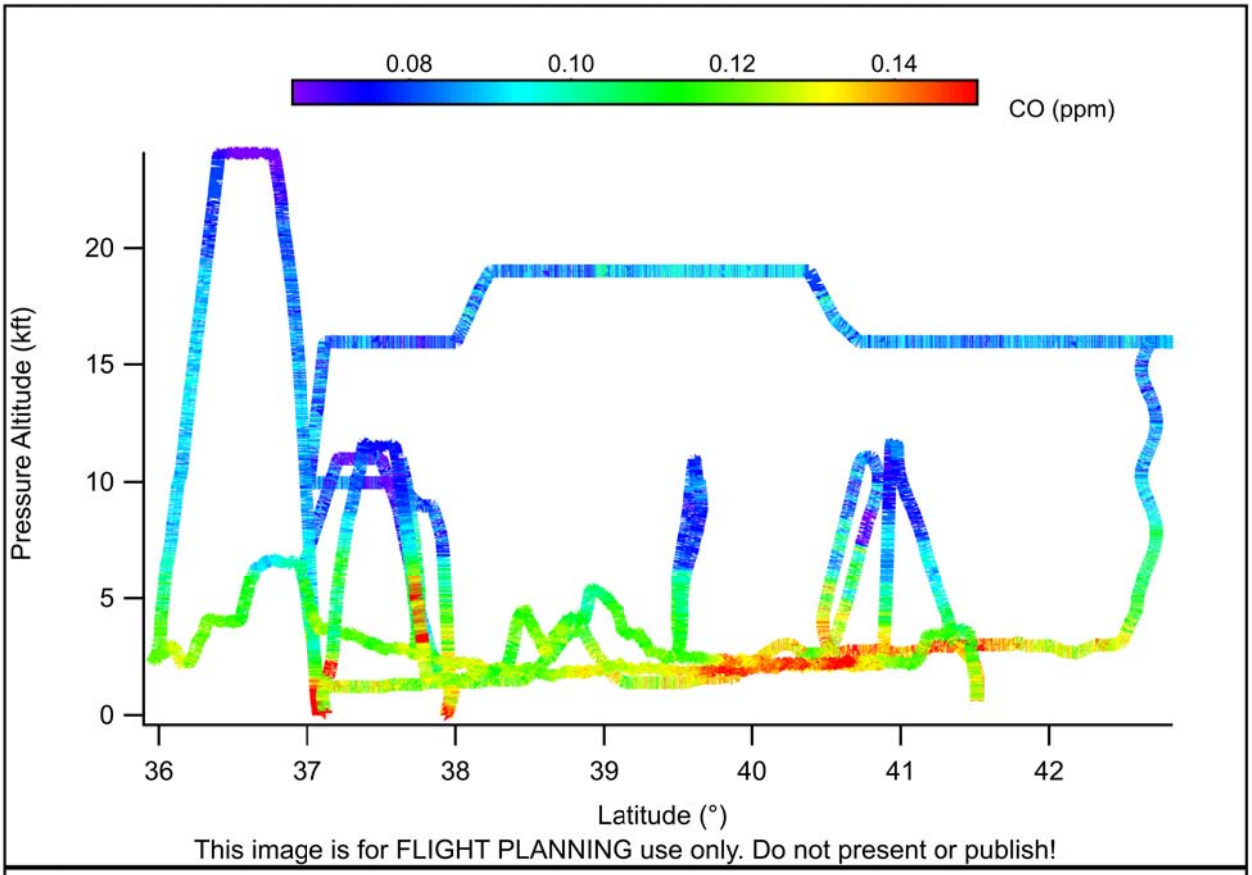
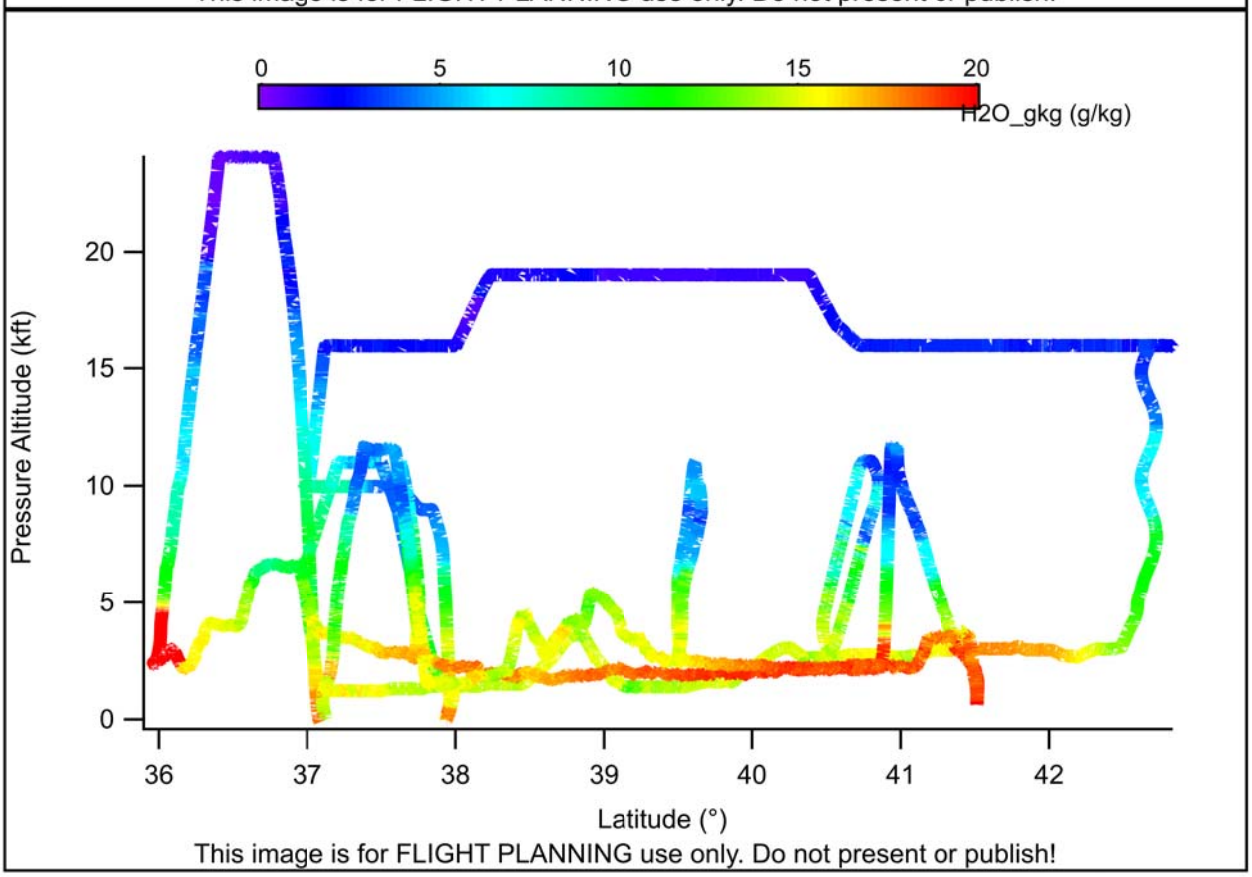
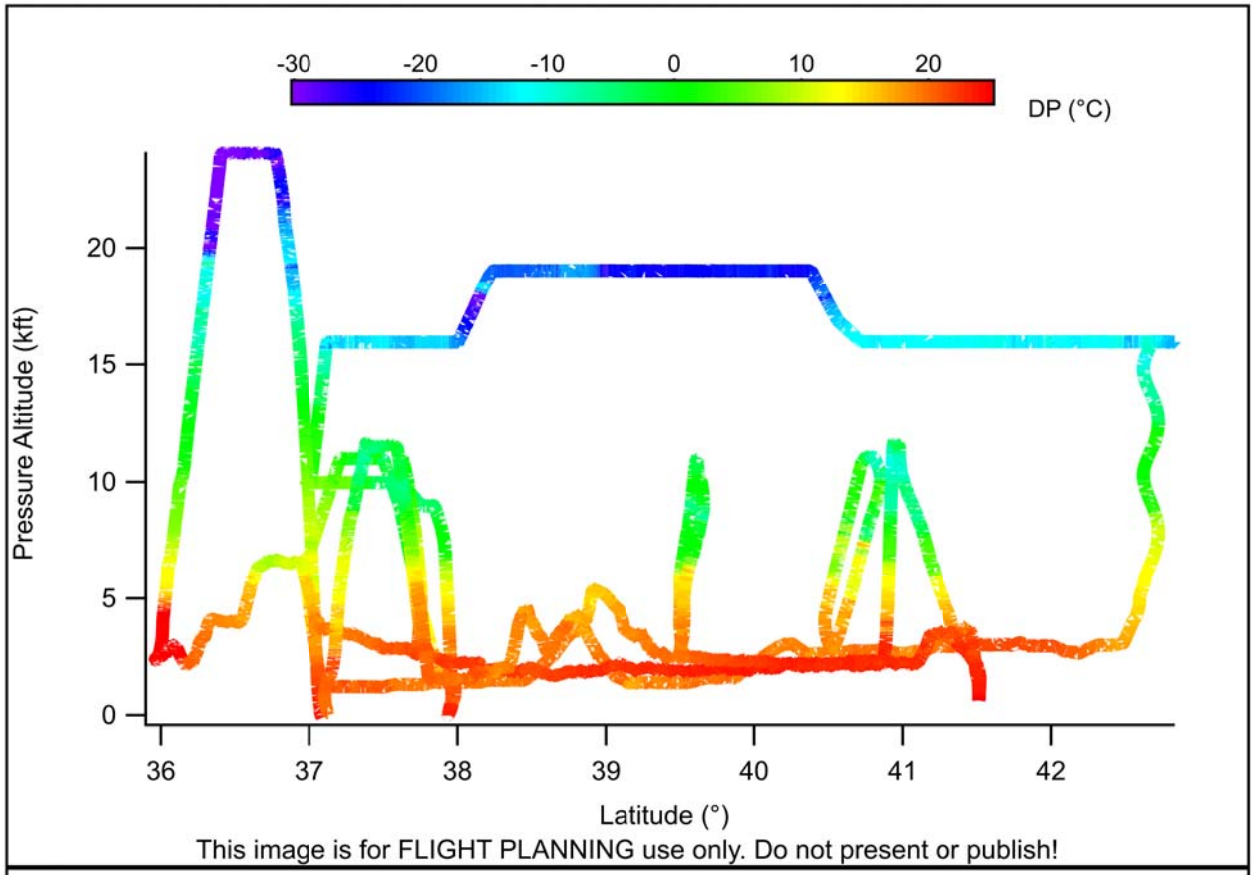
ACT-America 20190719

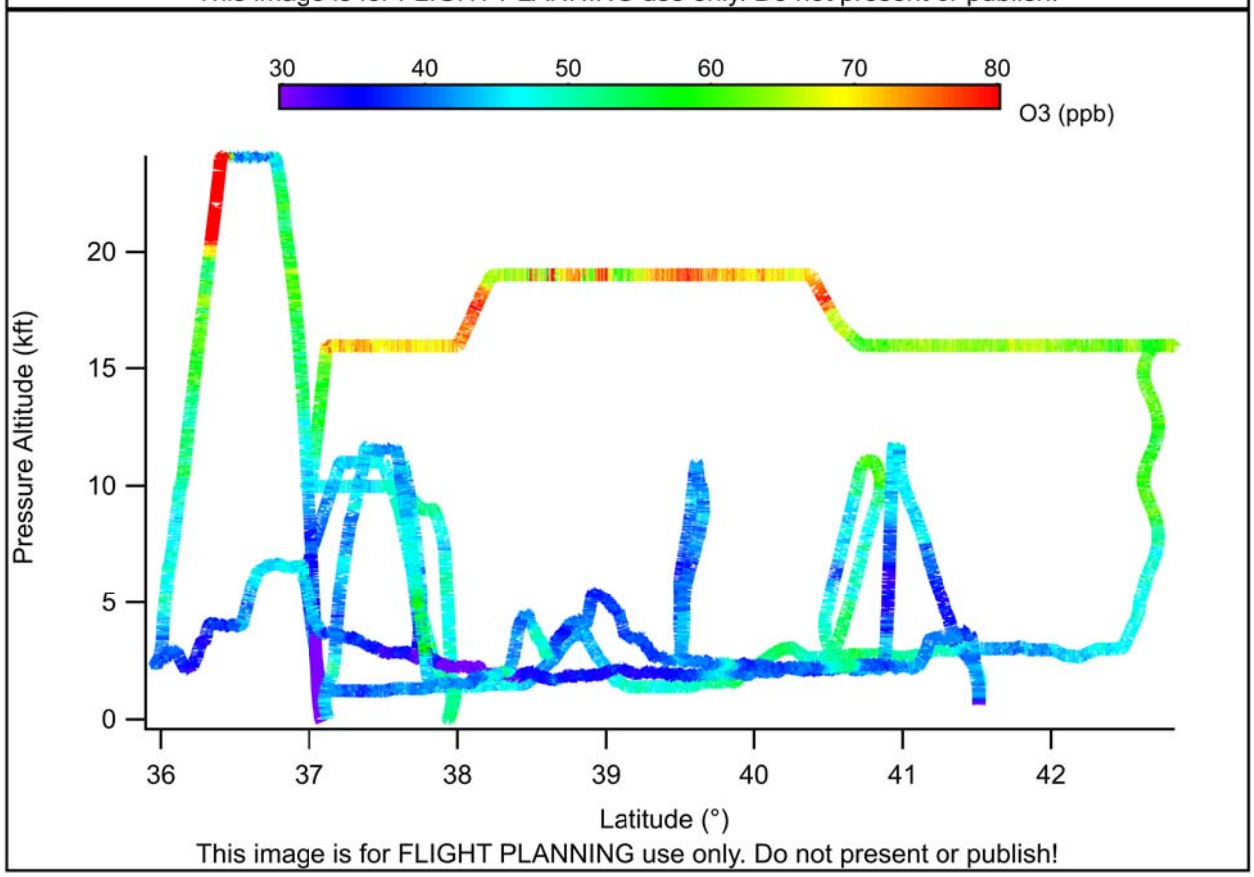

400
402
404
406
408
410
412
CO2 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
36
37
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

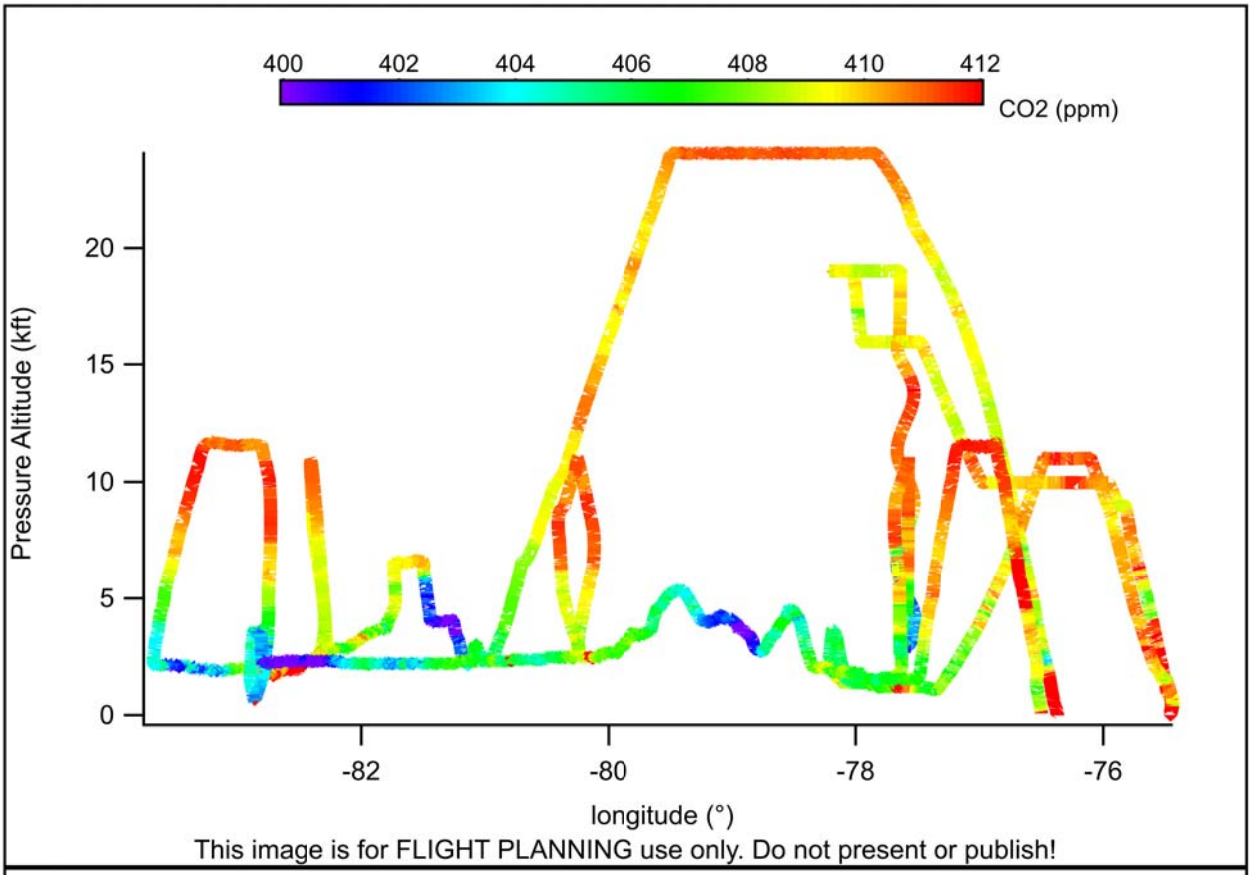

1.85
1.90
1.95
2.00
2.05
CH4 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
36
37
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

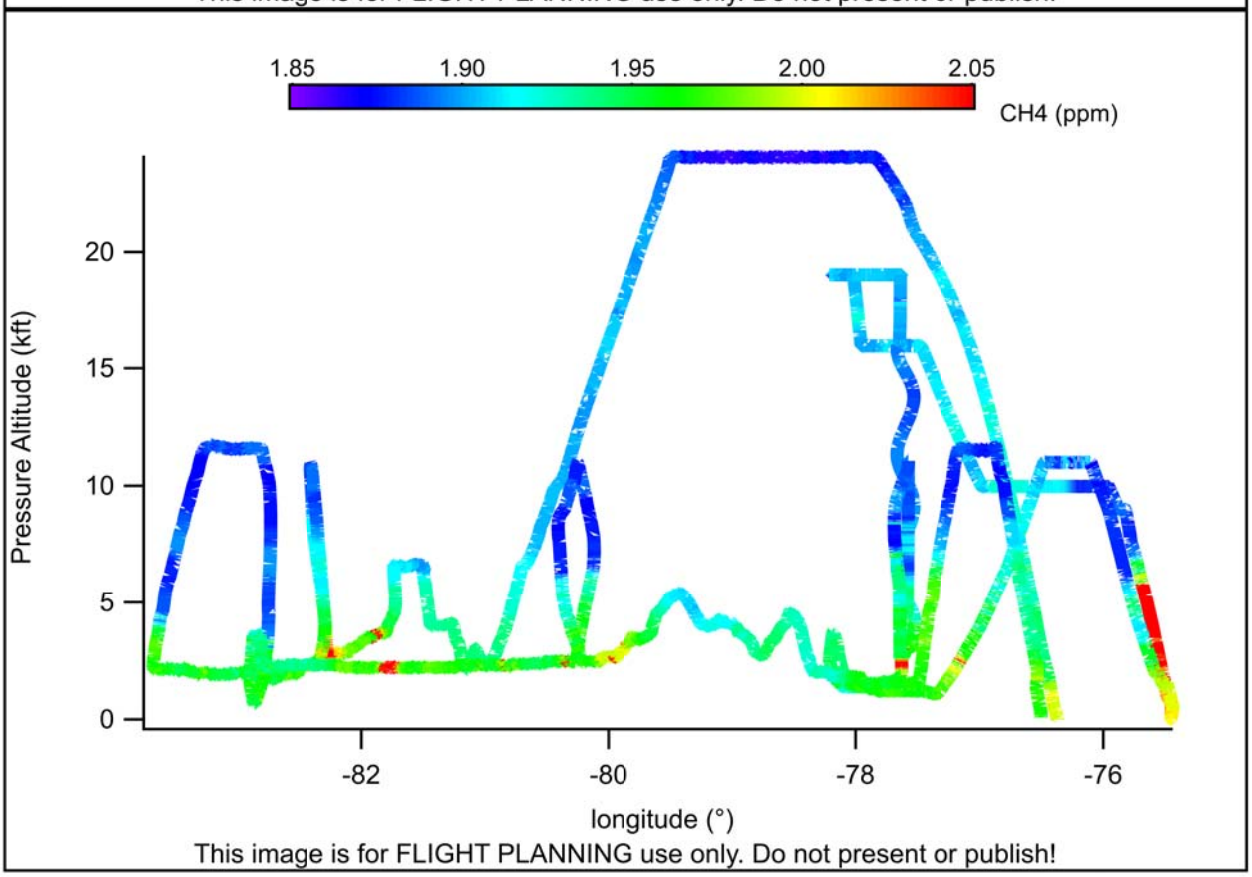

0.08
0.10
0.12
0.14
CO (ppm)
Pressure Altitude (kft)
0
5
10
15
20
36
37
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

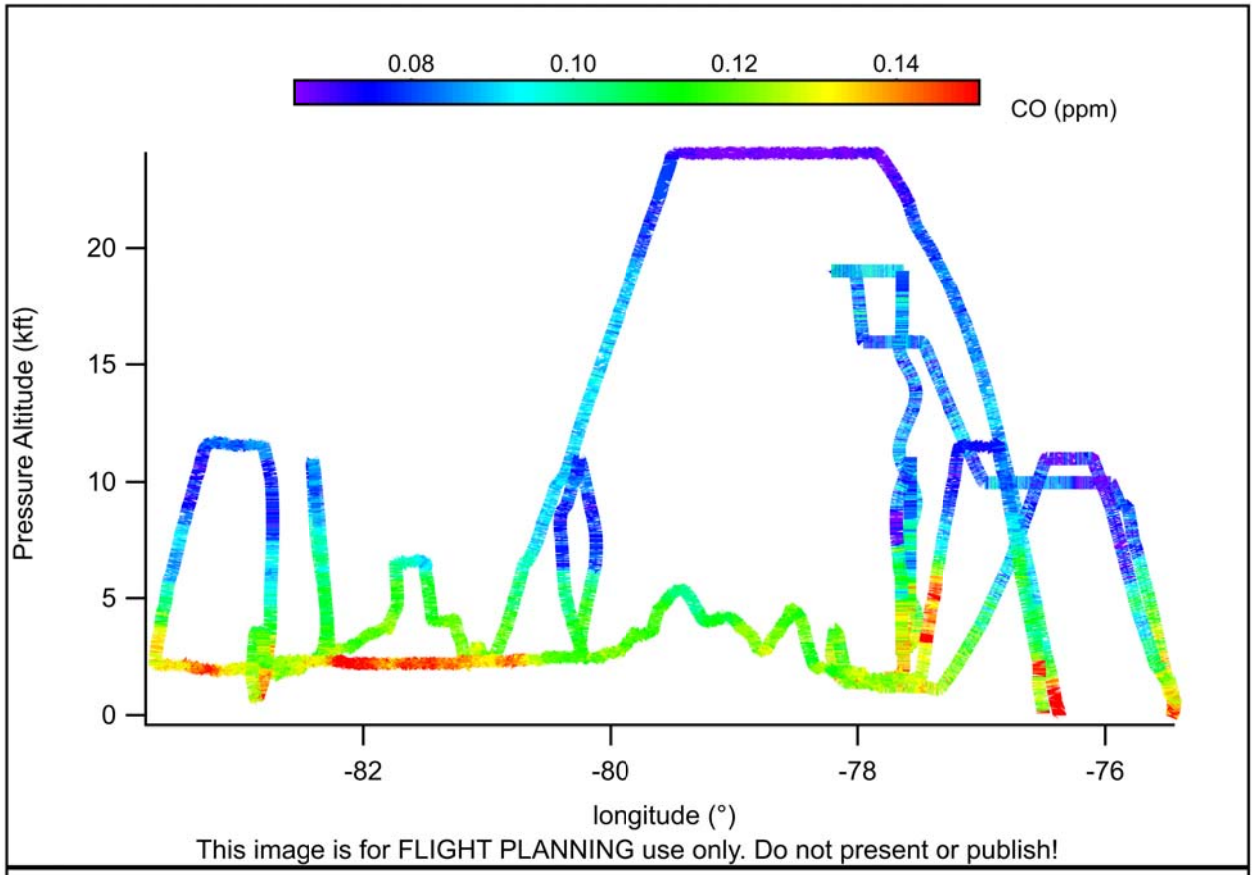

0
5
10
15
20
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
5
10
15
20
36
37
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

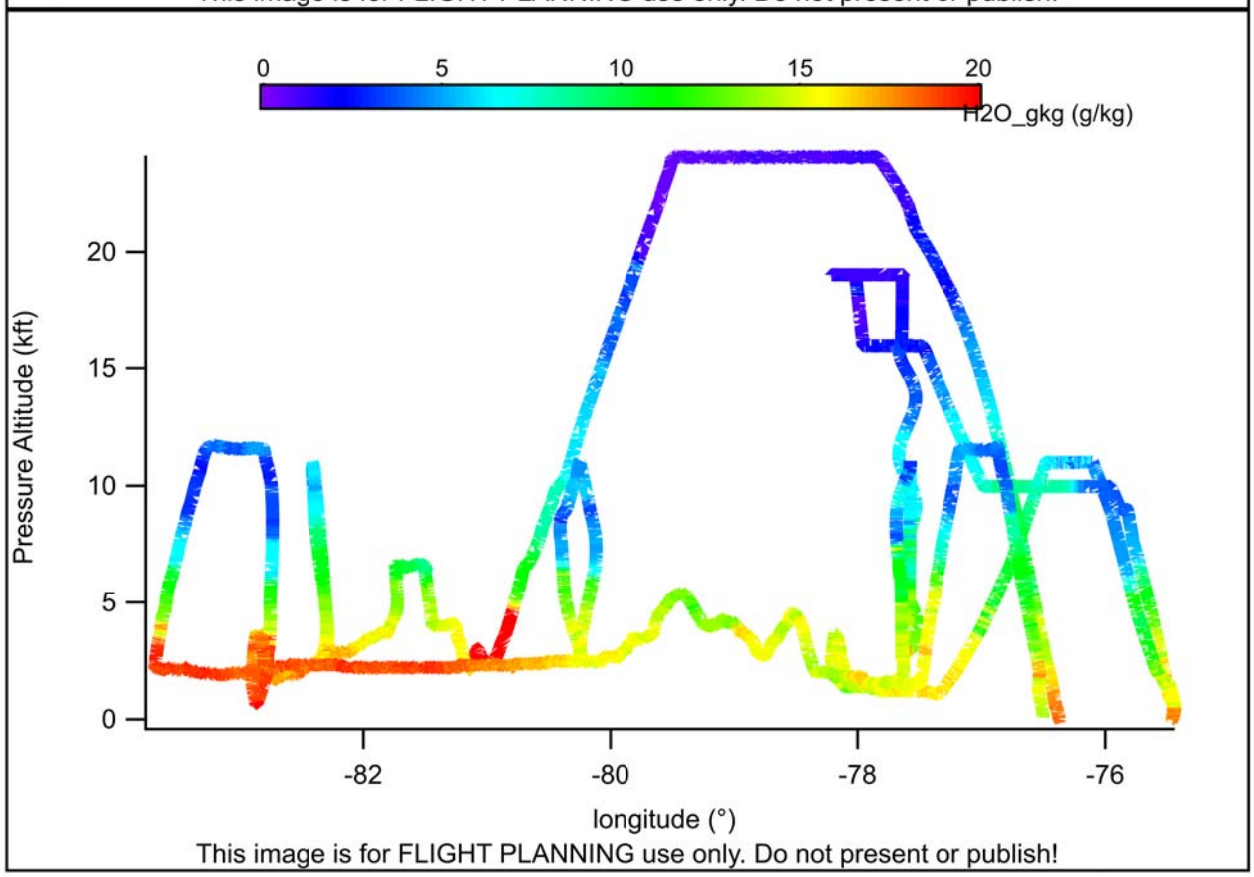

-30
-20
-10
0
10
20
DP (°C)
Pressure Altitude (kft)
0
5
10
15
20
36
37
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

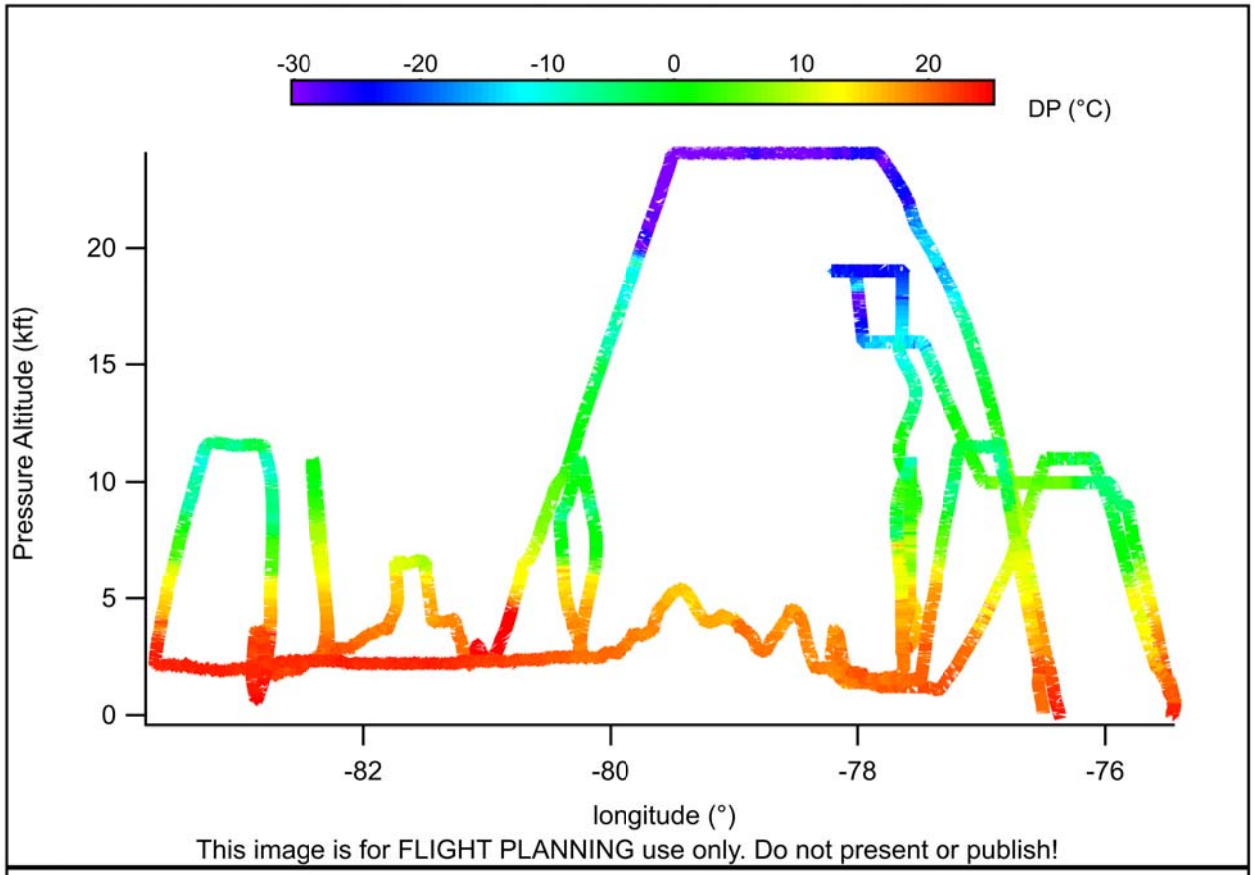

30
40
50
60
70
80
O3 (ppb)
Pressure Altitude (kft)
0
5
10
15
20
36
37
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

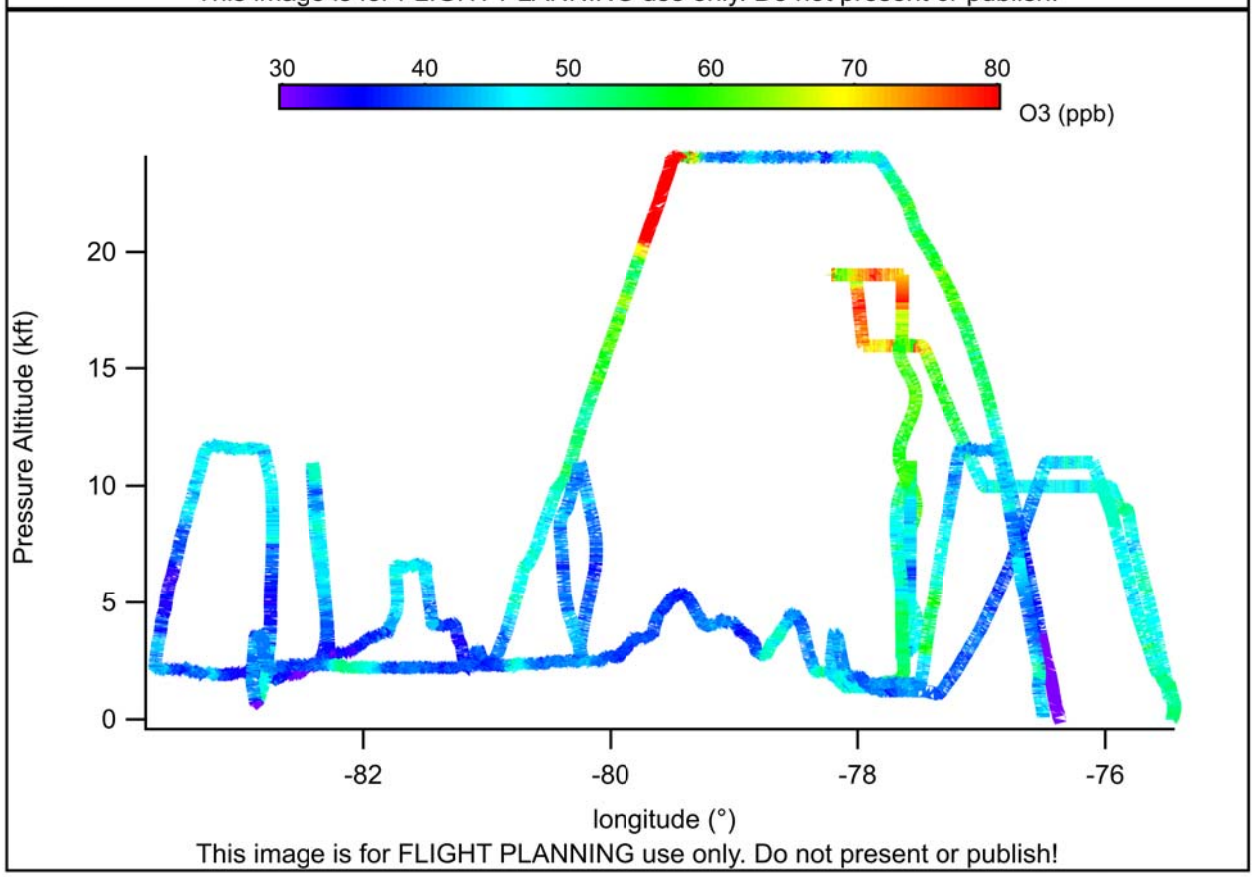

400
402
404
406
408
410
412
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

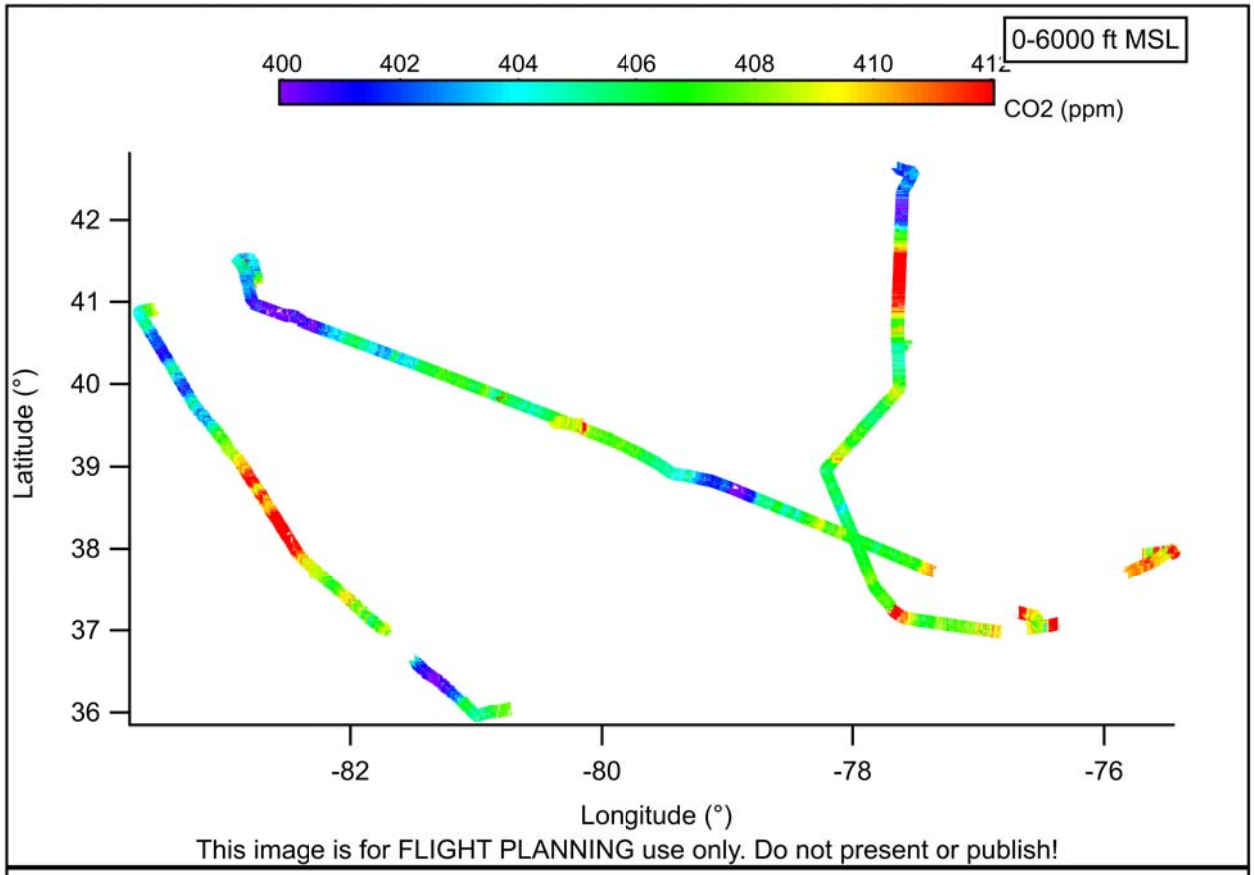

1.85
1.90
1.95
2.00
2.05
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

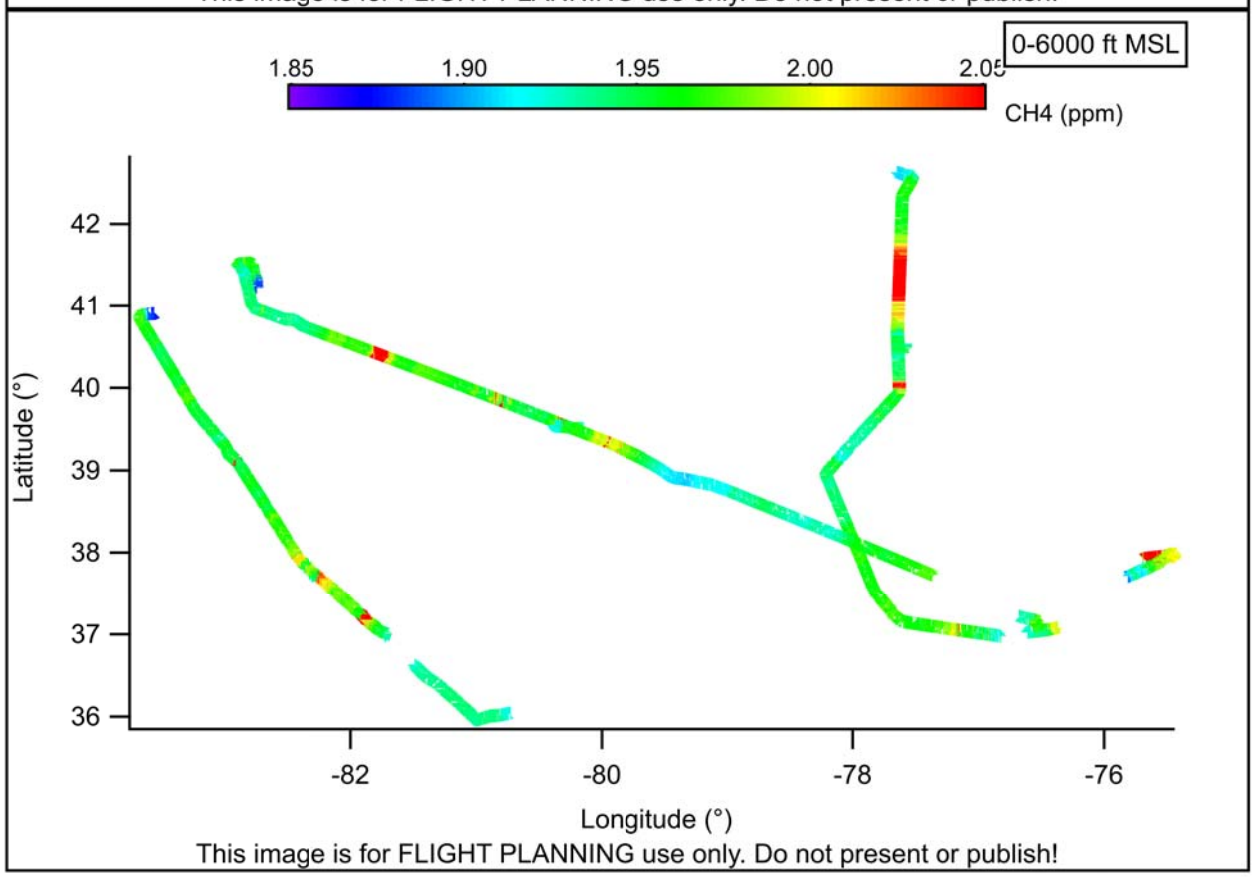

0.08
0.10
0.12
0.14
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

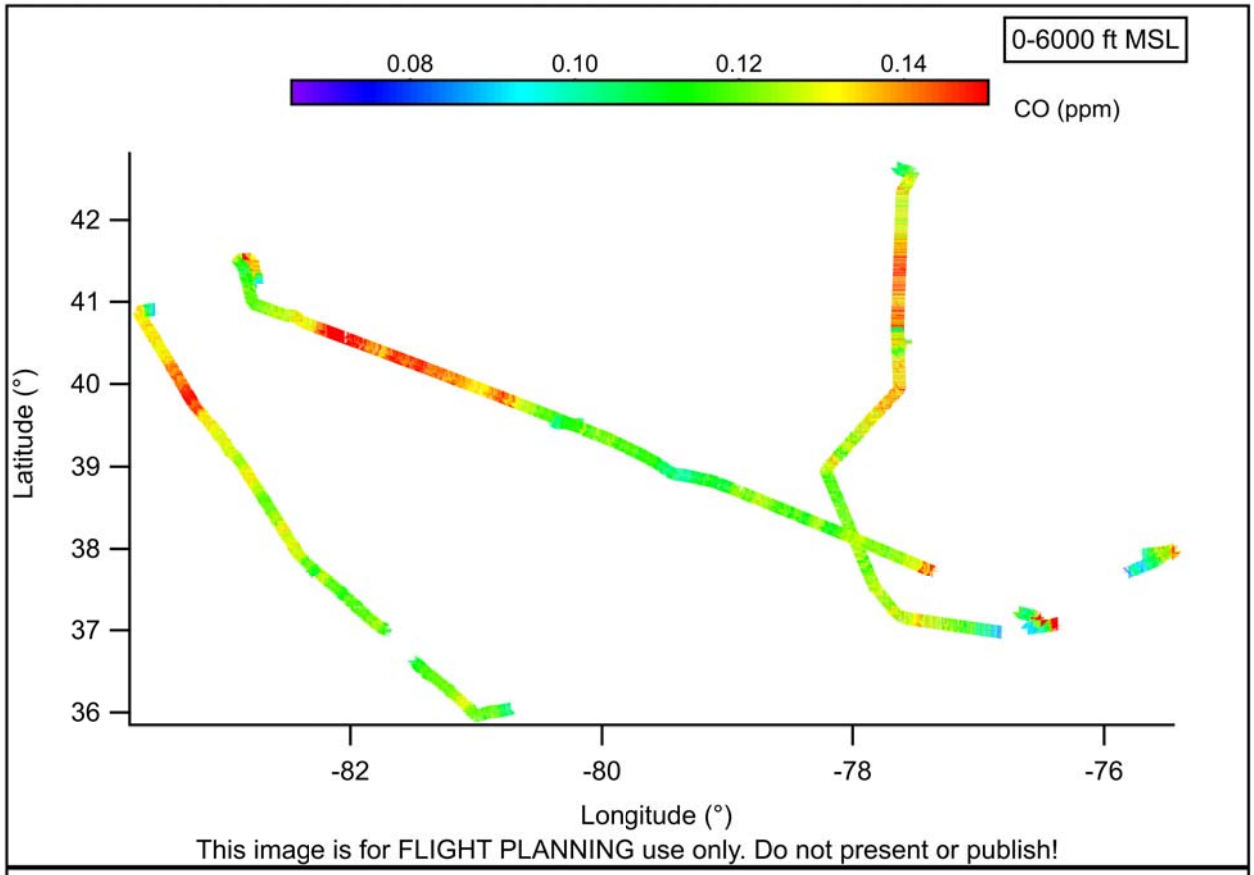

0
5
10
15
20
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

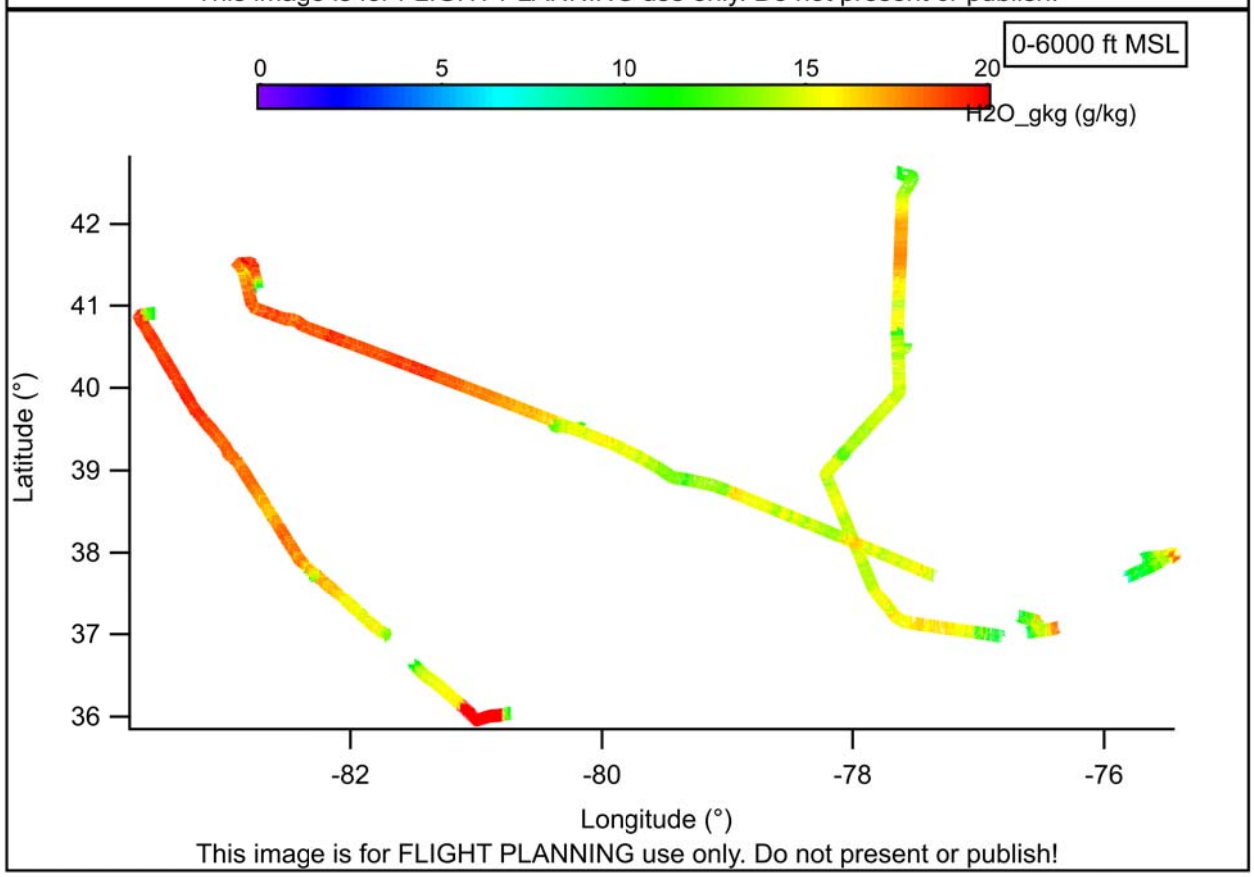

-30
-20
-10
0
10
20
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

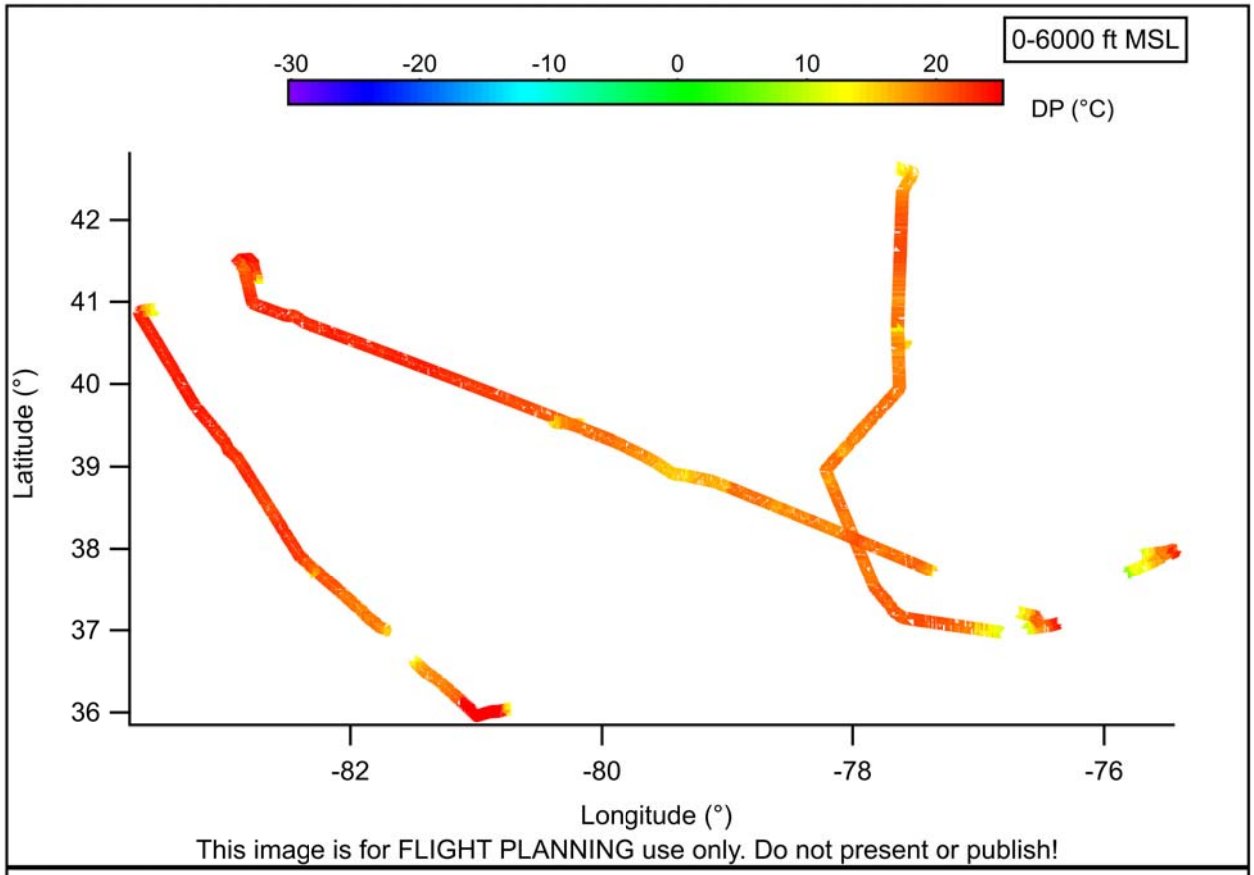

30
40
50
60
70
80
O3 (ppb)
Pressure Altitude (kft)
20
15
10
5
0
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

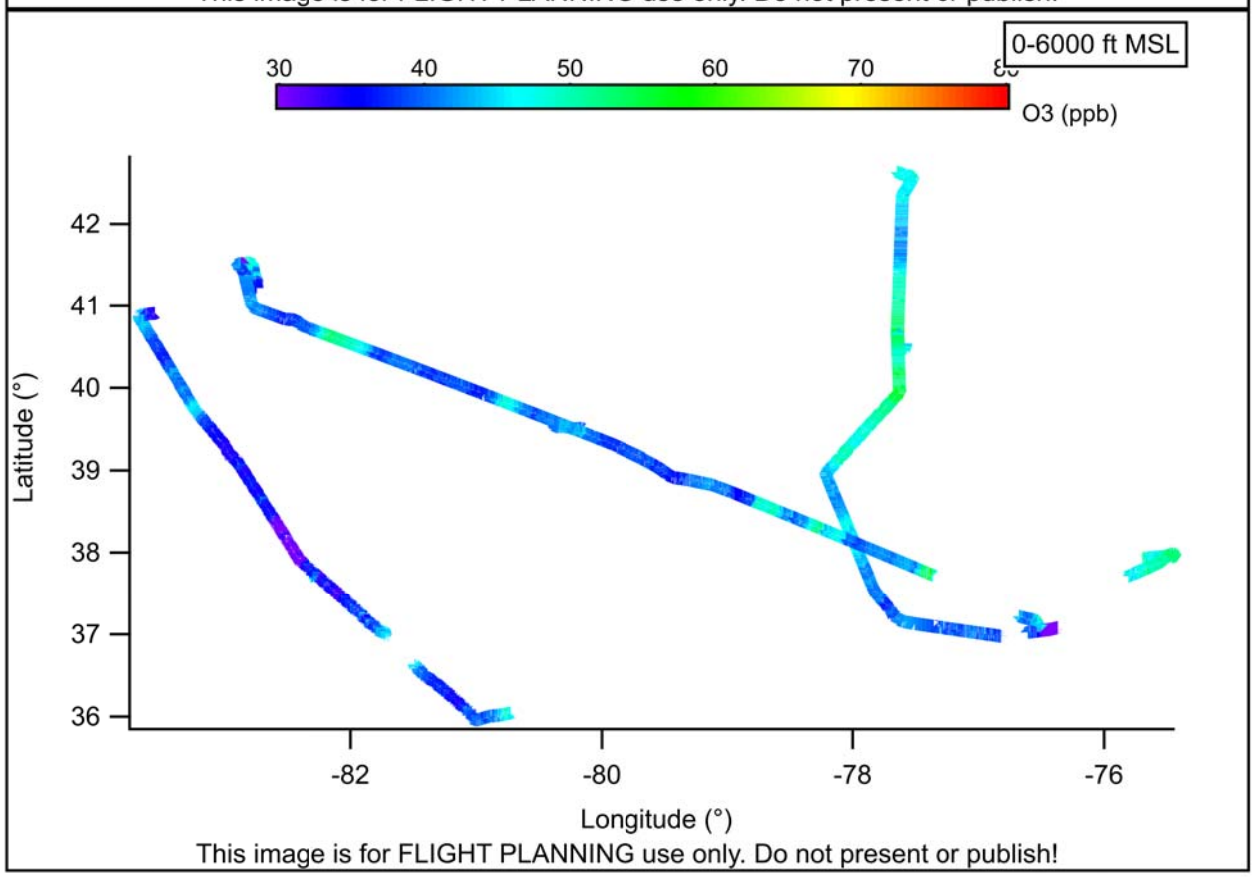

0-6000 ft MSL
400
402
404
406
408
410
CO2 (ppm)
Latitude (°)
42
41
40
39
38
37
36
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

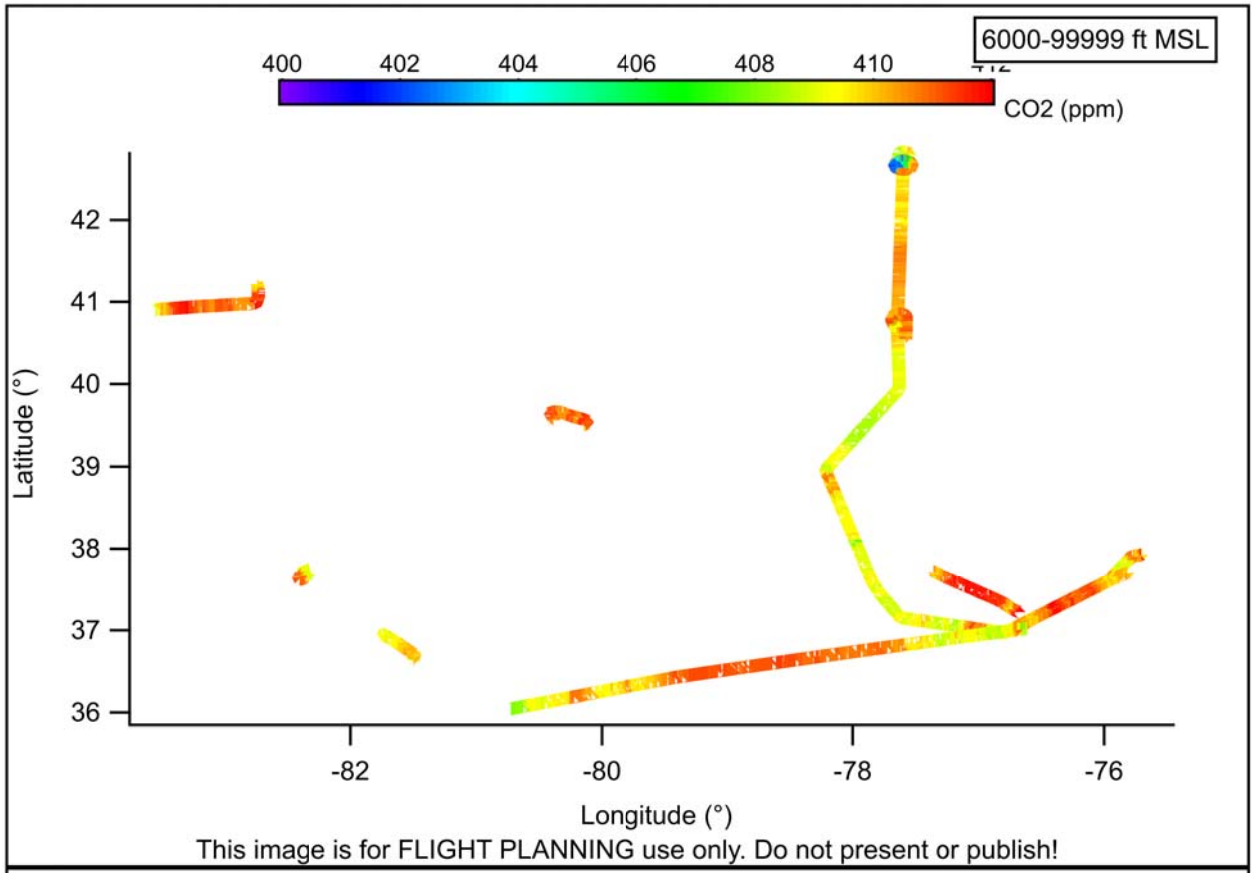

0-6000 ft MSL
1.85
1.90
1.95
2.00
CH4 (ppm)
Latitude (°)
42
41
40
39
38
37
36
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

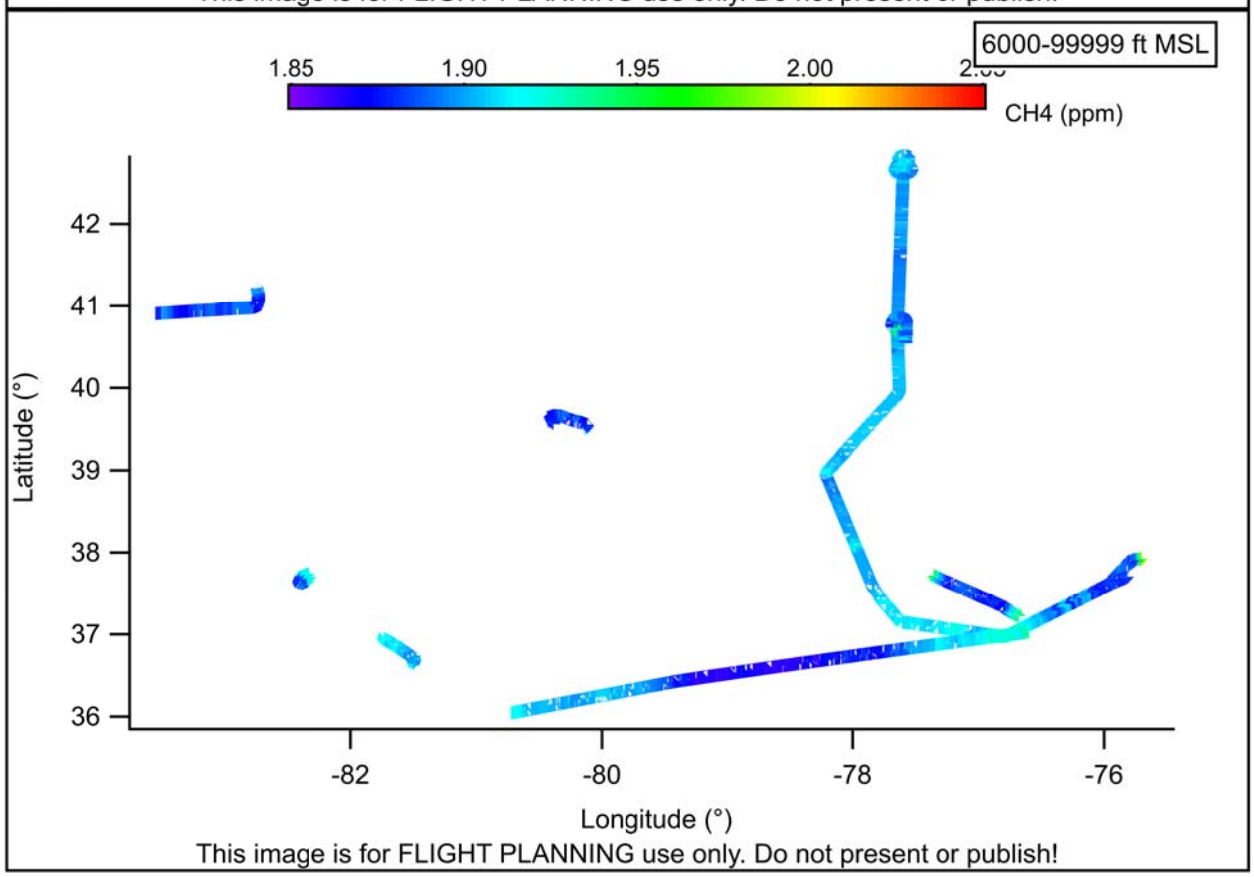

0-6000 ft MSL
0.08
0.10
0.12
0.14
CO (ppm)
Latitude (°)
42
41
40
39
38
37
36
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

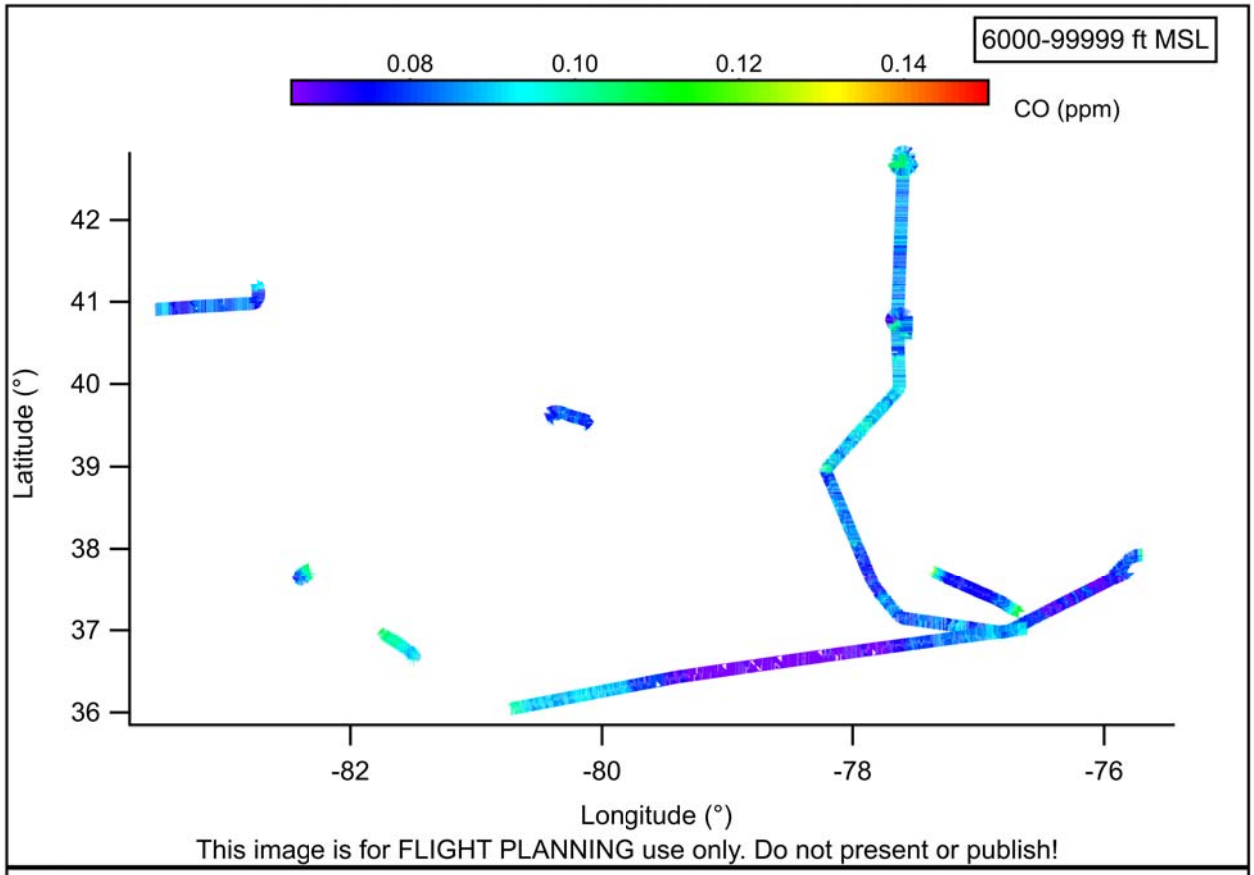

0-6000 ft MSL
0
5
10
15
20
H2O_gkg (g/kg)
Latitude (°)
42
41
40
39
38
37
36
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

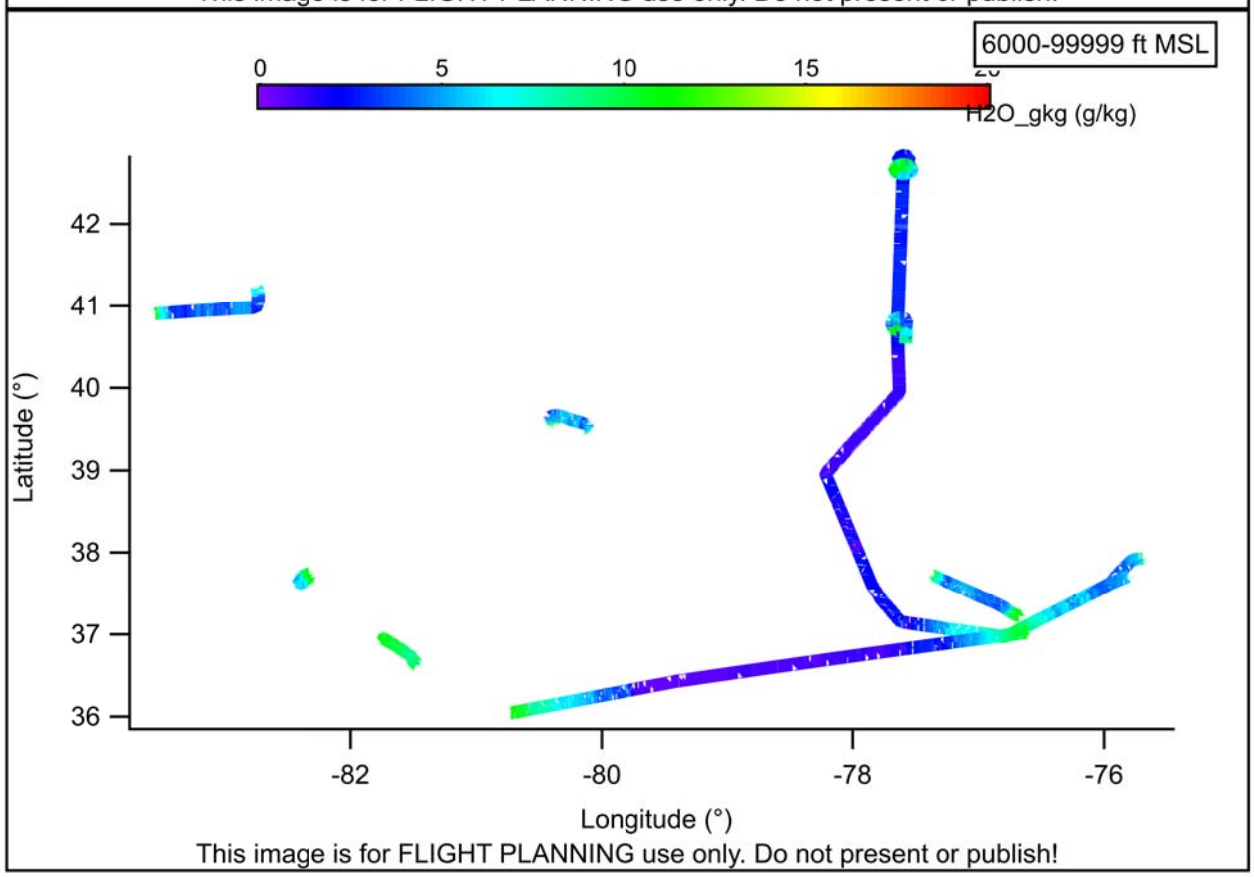

0-6000 ft MSL
-30
-20
-10
0
10
20
DP (°C)
42
41
40
39
38
37
36
Latitude (°)
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

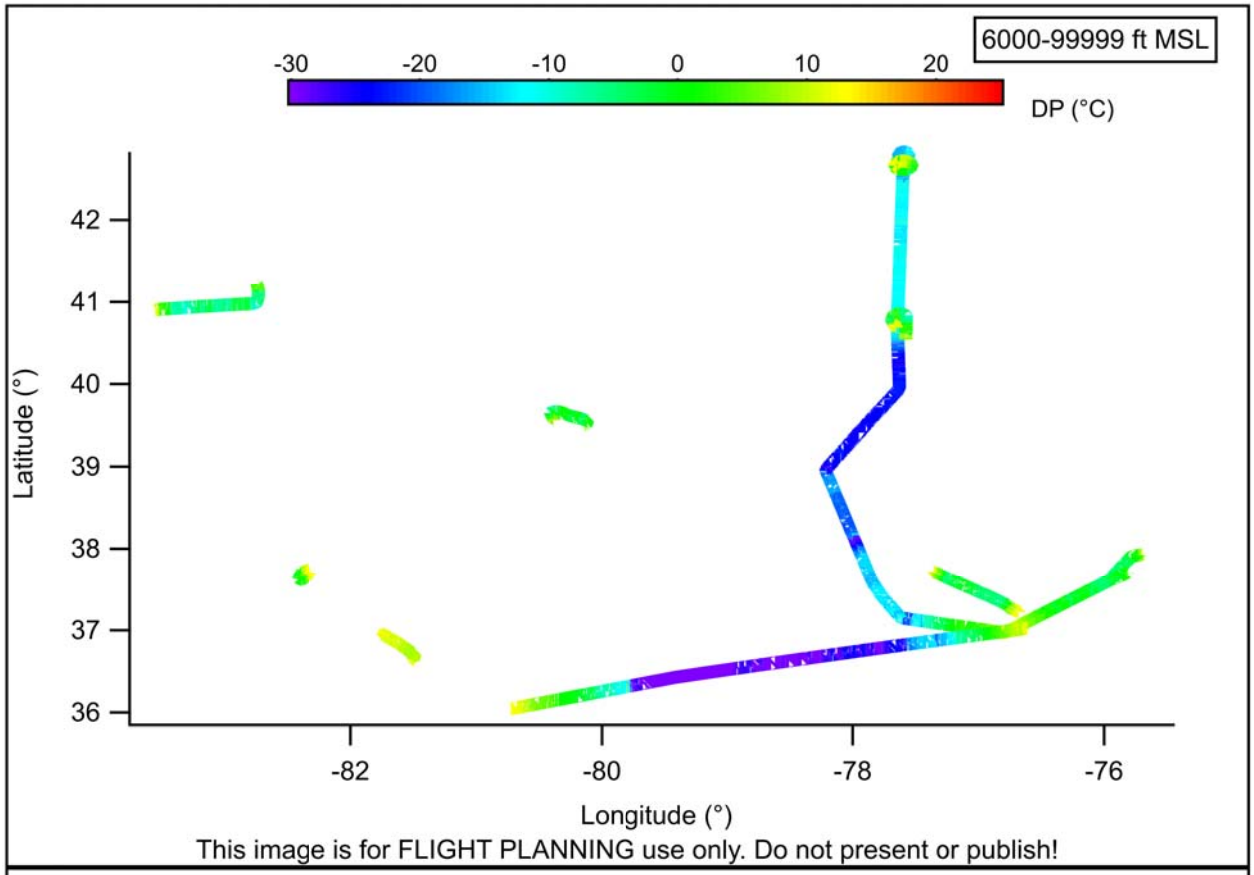

0-6000 ft MSL
30
40
50
60
70
O3 (ppb)
42
41
40
39
38
37
36
Latitude (°)
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

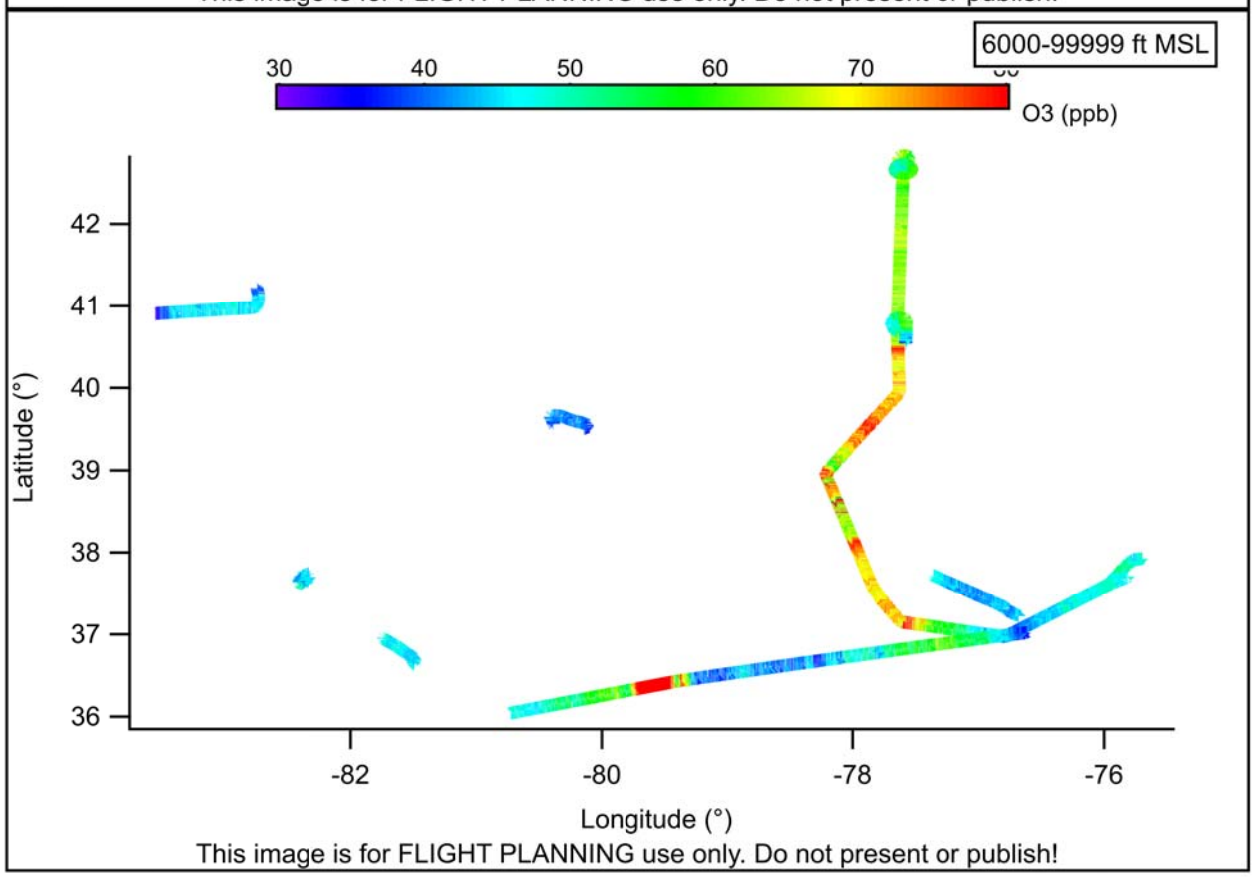

6000-99999 ft MSL
400
402
404
406
408
410
CO2 (ppm)
42
41
40
39
38
37
36
Latitude (°)
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

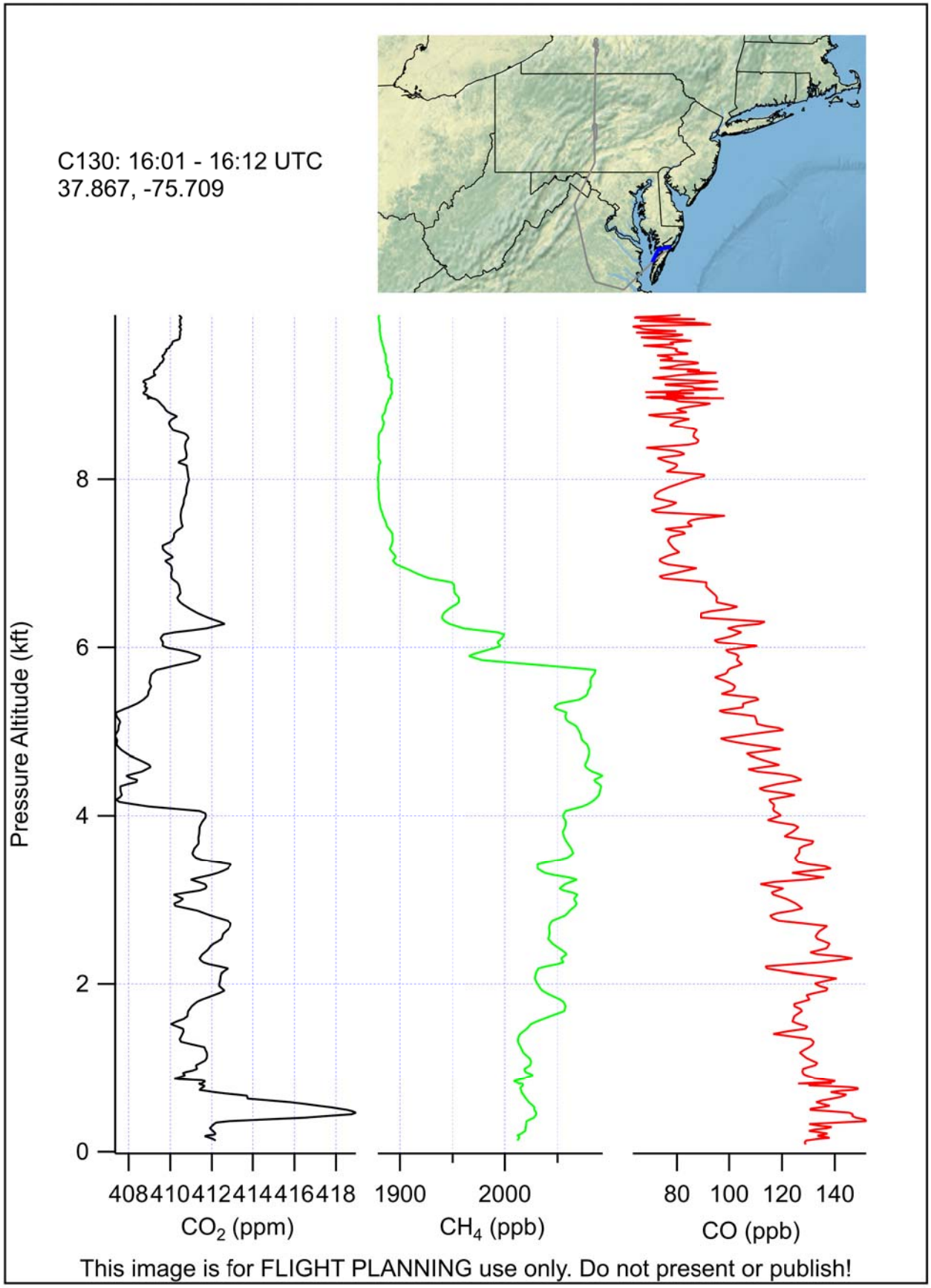

6000-99999 ft MSL
1.85
1.90
1.95
2.00
CH4 (ppm)
42
41
40
39
38
37
36
Latitude (°)
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

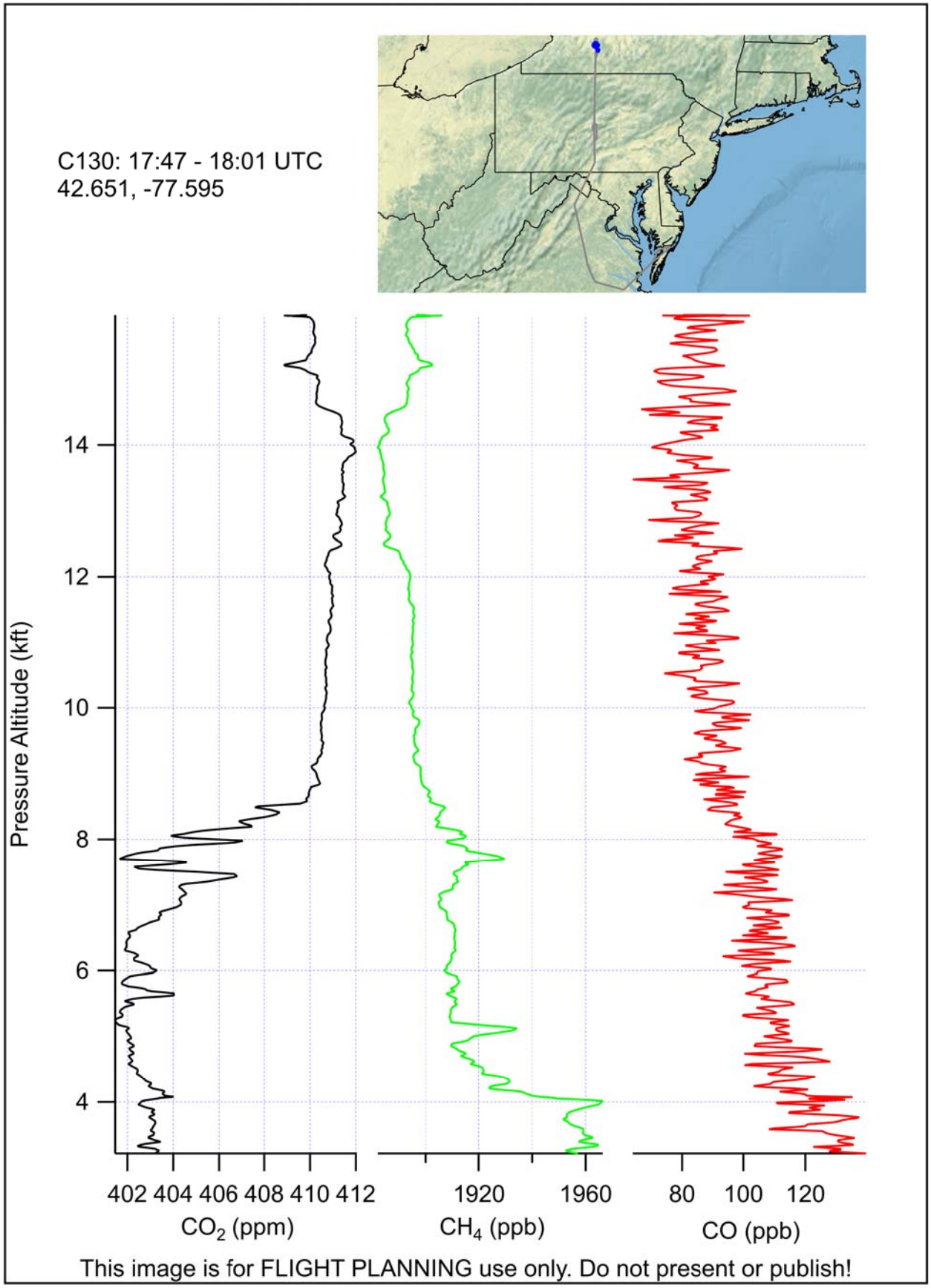

6000-99999 ft MSL
0.08
0.10
0.12
0.14
CO (ppm)
Latitude (°)
42
41
40
39
38
37
36
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

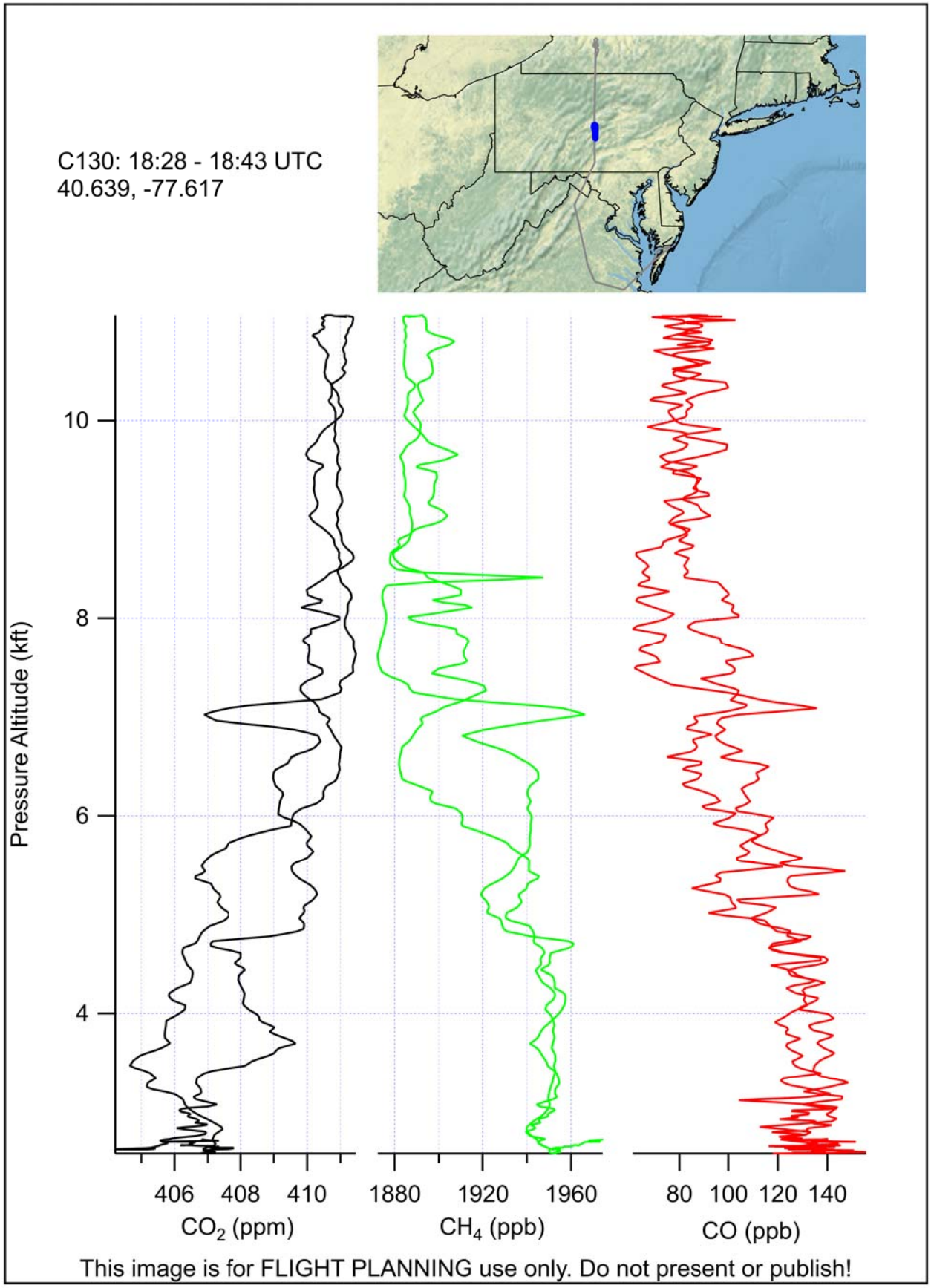

6000-99999 ft MSL
0
5
10
15
H2O_gkg (g/kg)
Latitude (°)
42
41
40
39
38
37
36
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

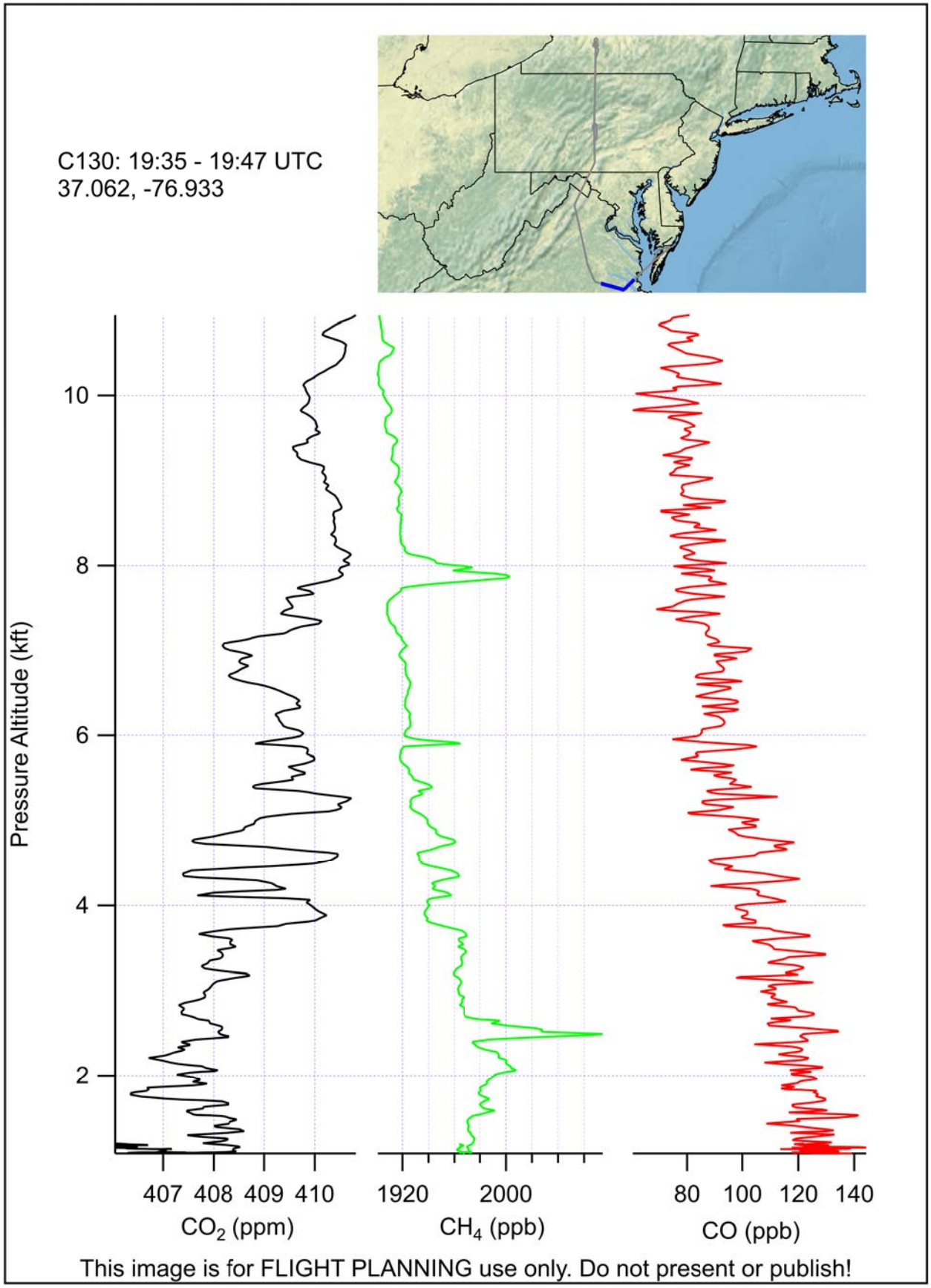

6000-99999 ft MSL
-30
-20
-10
0
10
20
DP (°C)
42
41
40
39
38
37
36
Latitude (°)
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

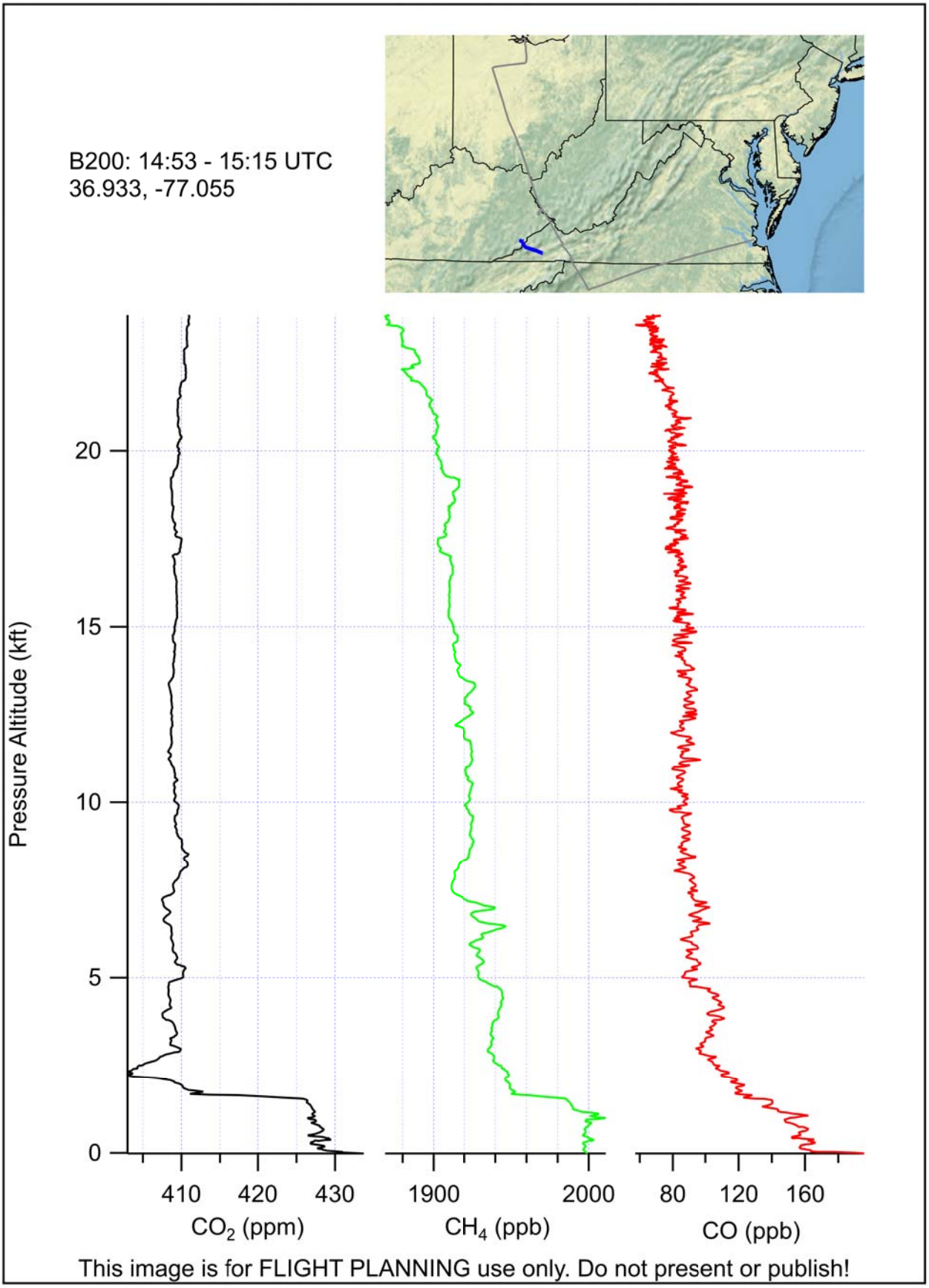

6000-99999 ft MSL
30
40
50
60
70
O3 (ppb)
42
41
40
39
38
37
36
Latitude (°)
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

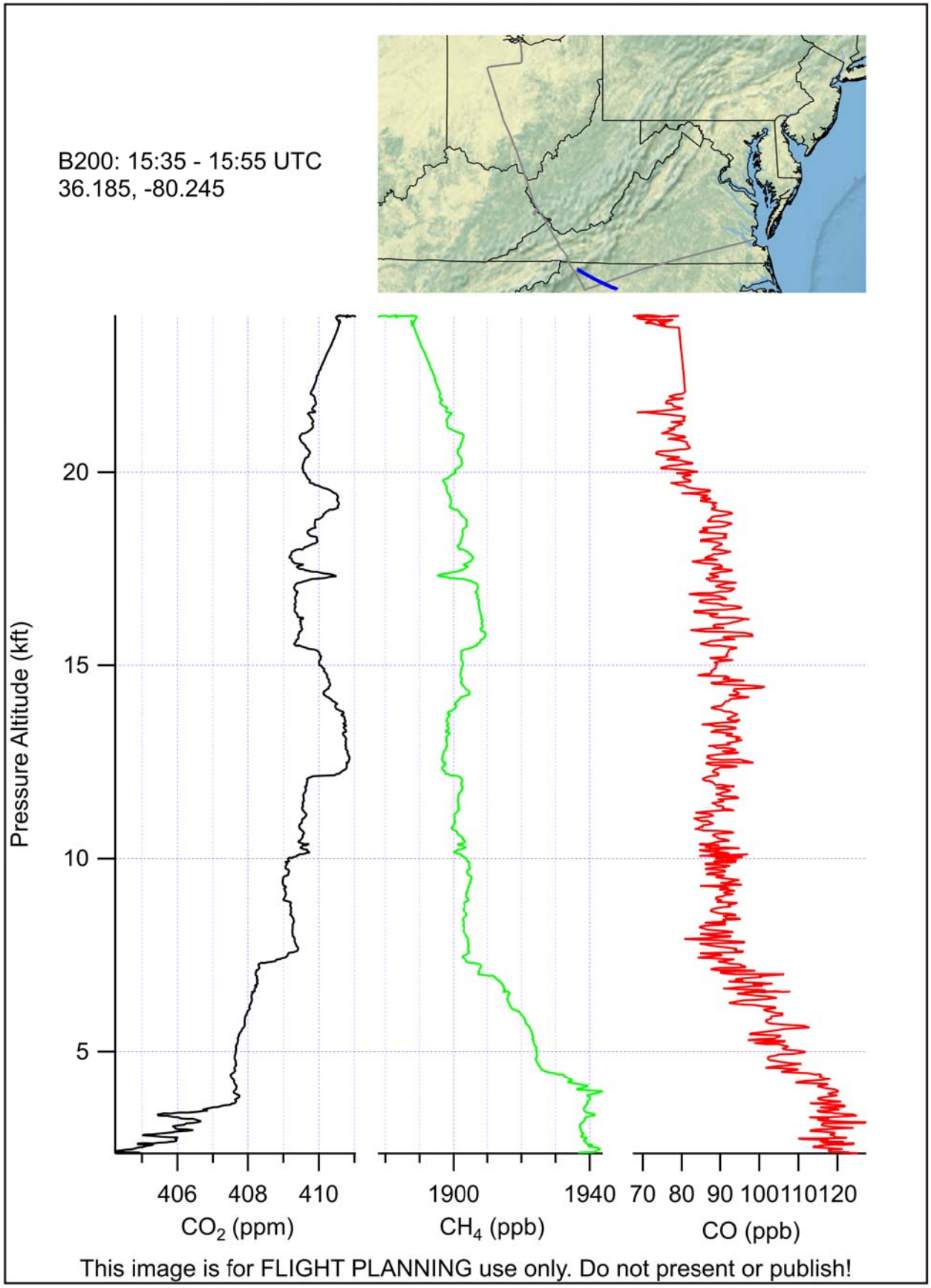

C130: 16:01 - 16:12 UTC
37.867, -75.709
Pressure Altitude (kft)
0
2
4
6
8
408410412414416418
CO2 (ppm)
1900
2000
CH4 (ppb)
80
100
120
140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

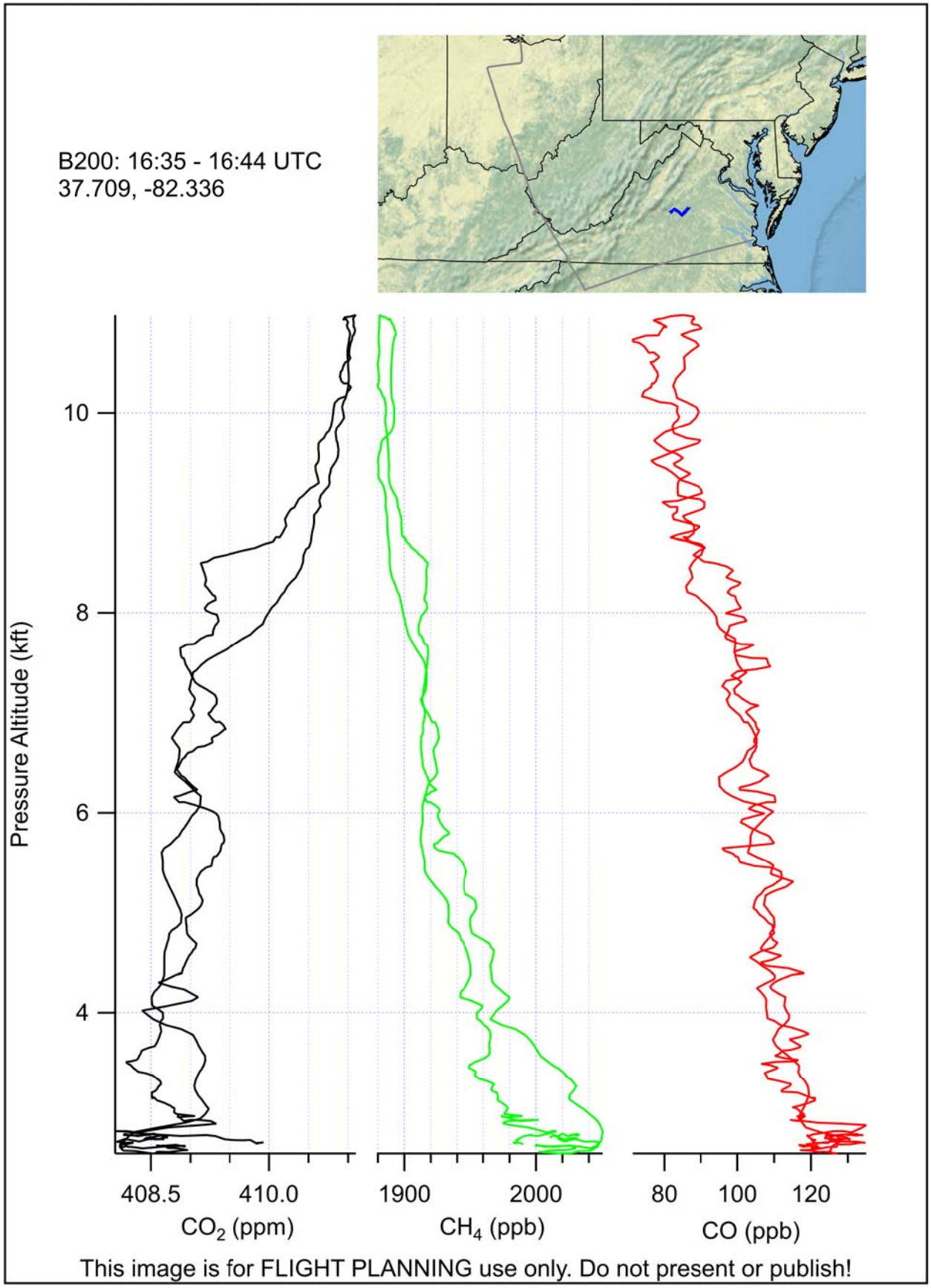

C130: 17:47 - 18:01 UTC
42.651, -77.595
Pressure Altitude (kft)
14
12
10
8
6
4
402 404 406 408 410 412
CO2 (ppm)
1920 1960
CH4 (ppb)
80 100 120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

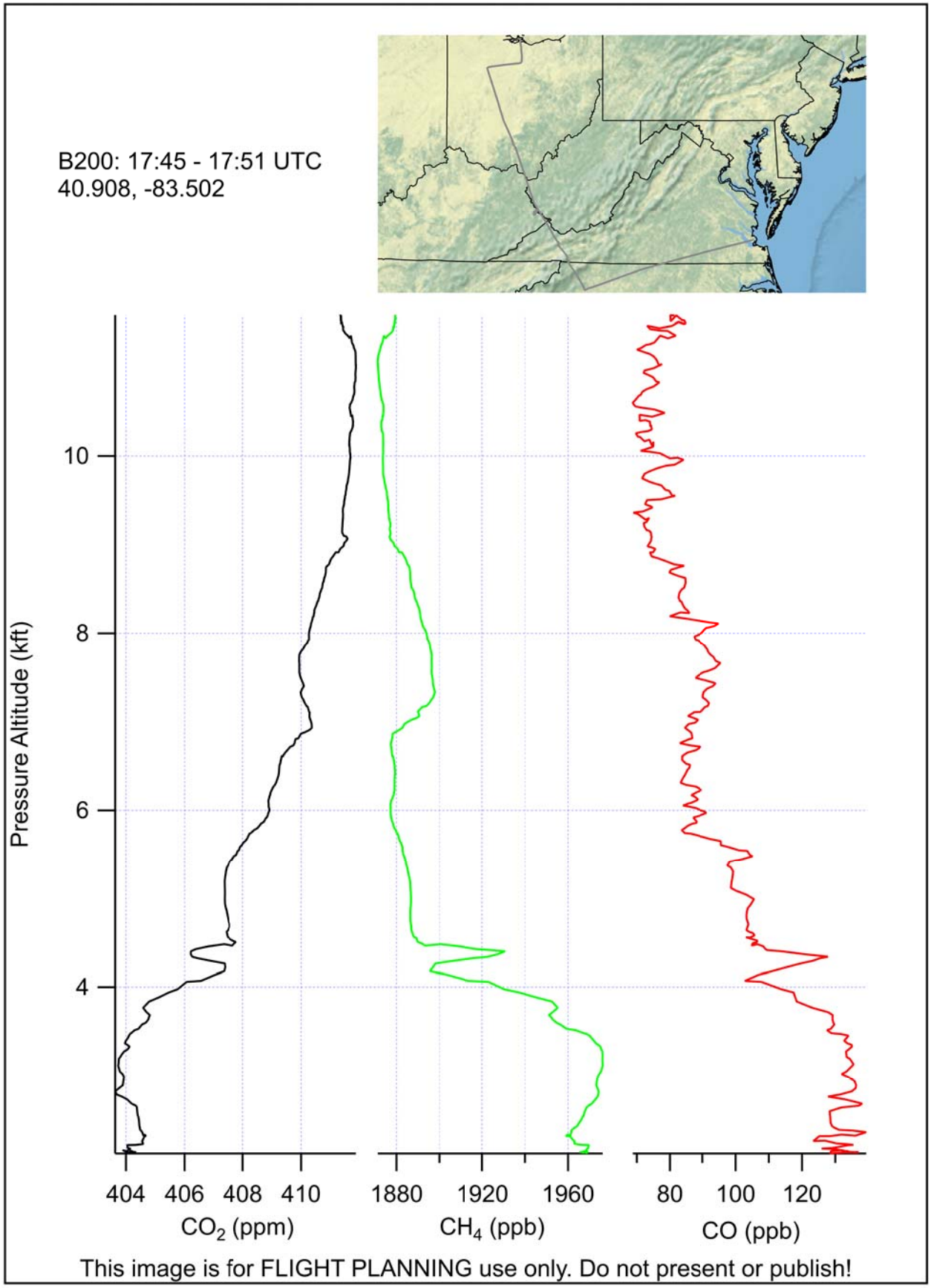

C130: 18:28 - 18:43 UTC
40.639, -77.617
Pressure Altitude (kft)
10
8
6
4
406
408
410
CO2 (ppm)
1880
1920
1960
CH4 (ppb)
80
100
120
140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

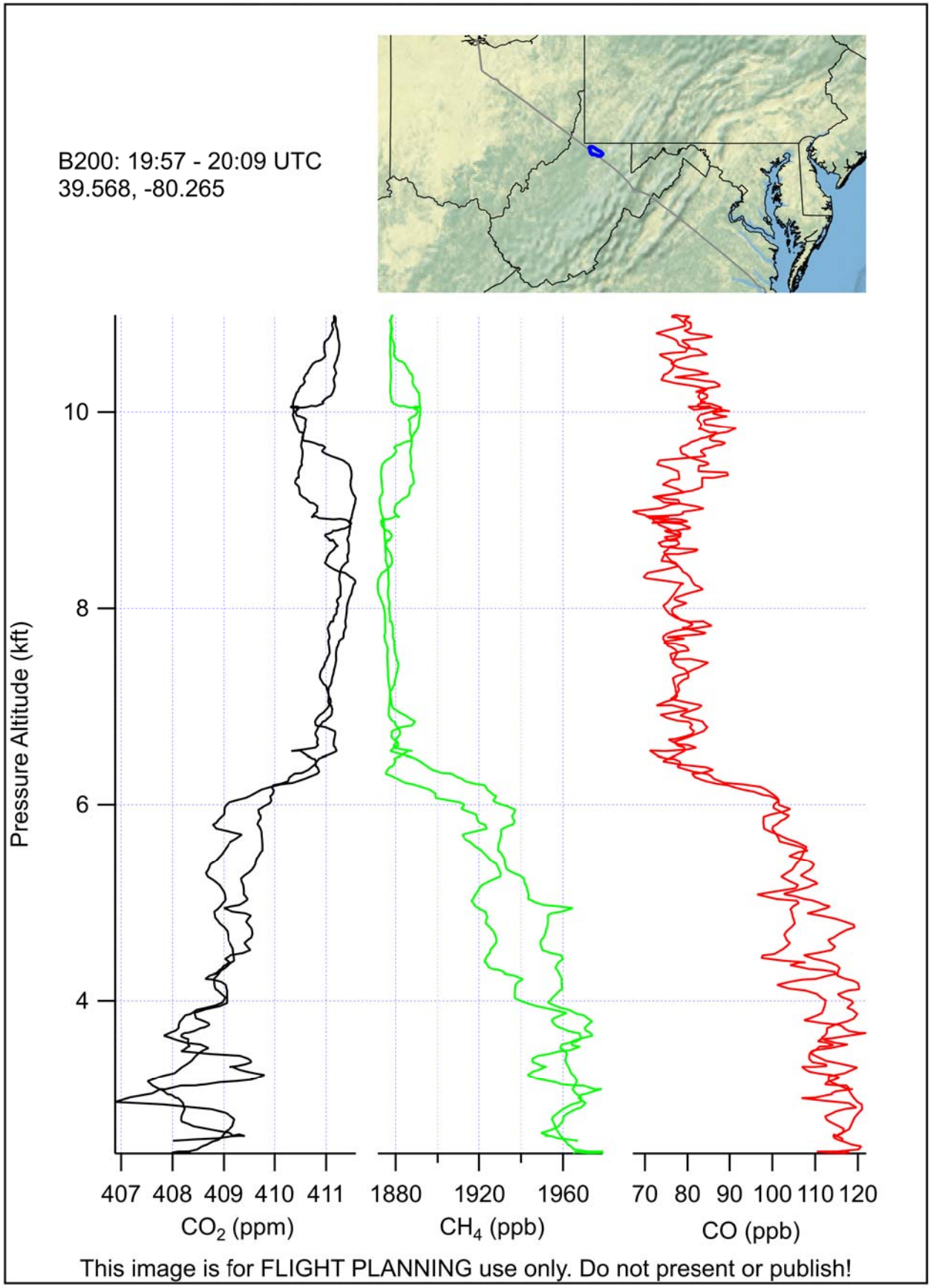

C130: 19:35 - 19:47 UTC
37.062, -76.933
Pressure Altitude (kft)
10
8
6
4
2
407 408 409 410
CO2 (ppm)
1920 2000
CH4 (ppb)
80 100 120 140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

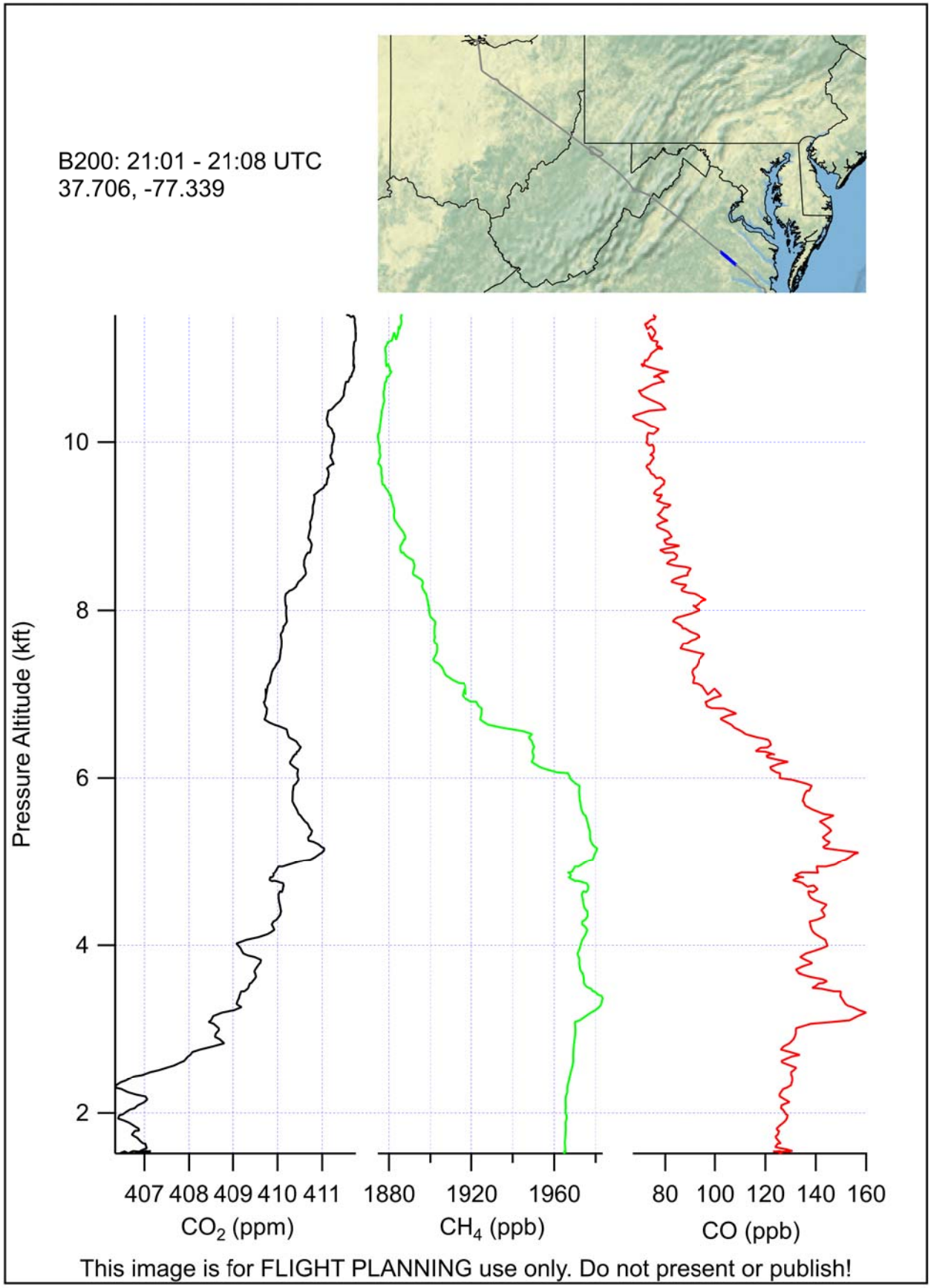

B200: 14:53 - 15:15 UTC
36.933, -77.055
Pressure Altitude (kft)
0
5
10
15
20
410
420
430
CO_2 (ppm)
1900
2000
CH_4 (ppb)
80
120
160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

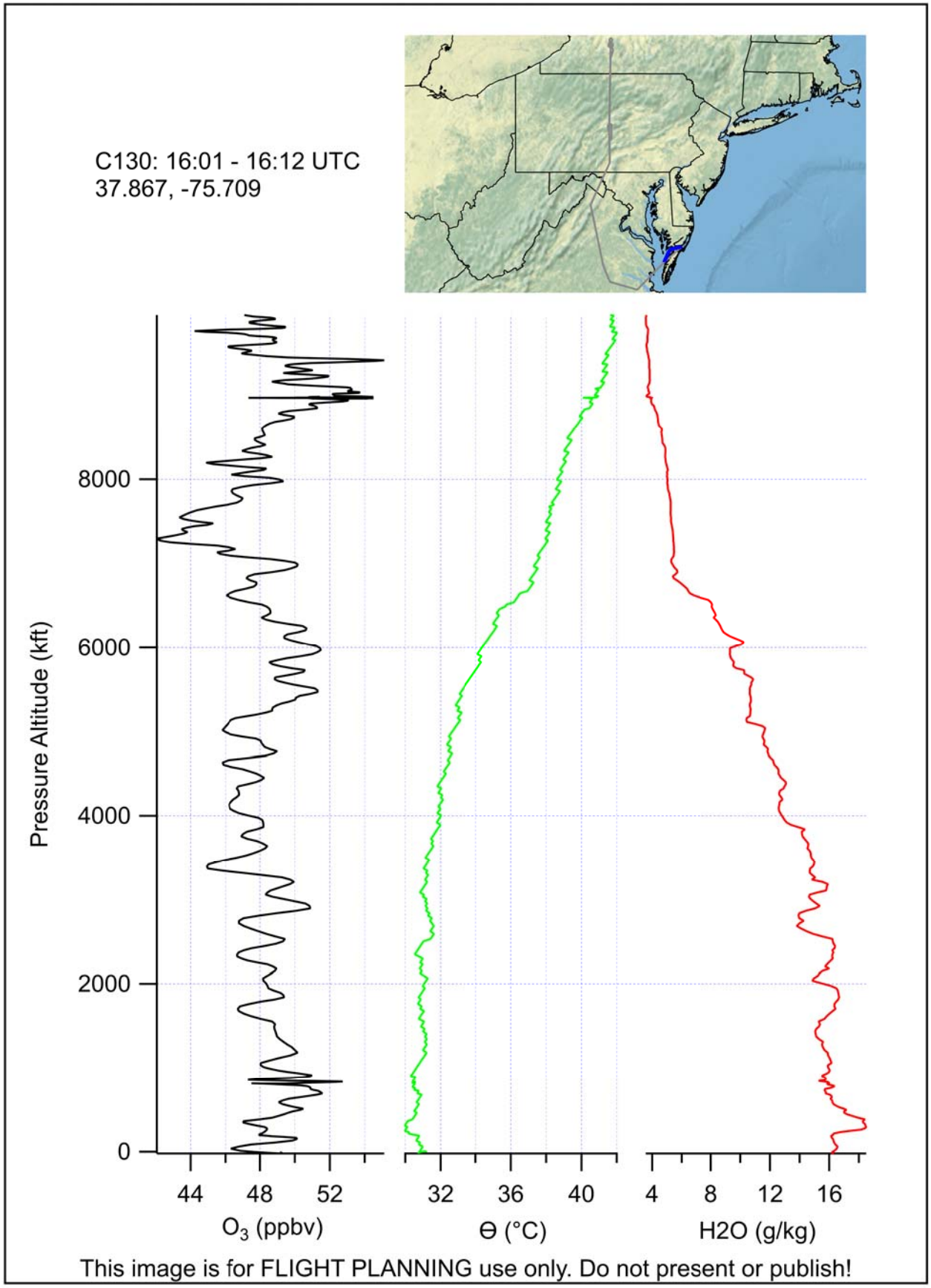

B200: 15:35 - 15:55 UTC
36.185, -80.245
Pressure Altitude (kft)
20
15
10
5
406
408
410
CO2 (ppm)
1900
1940
CH4 (ppb)
70
80
90
100
110
120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

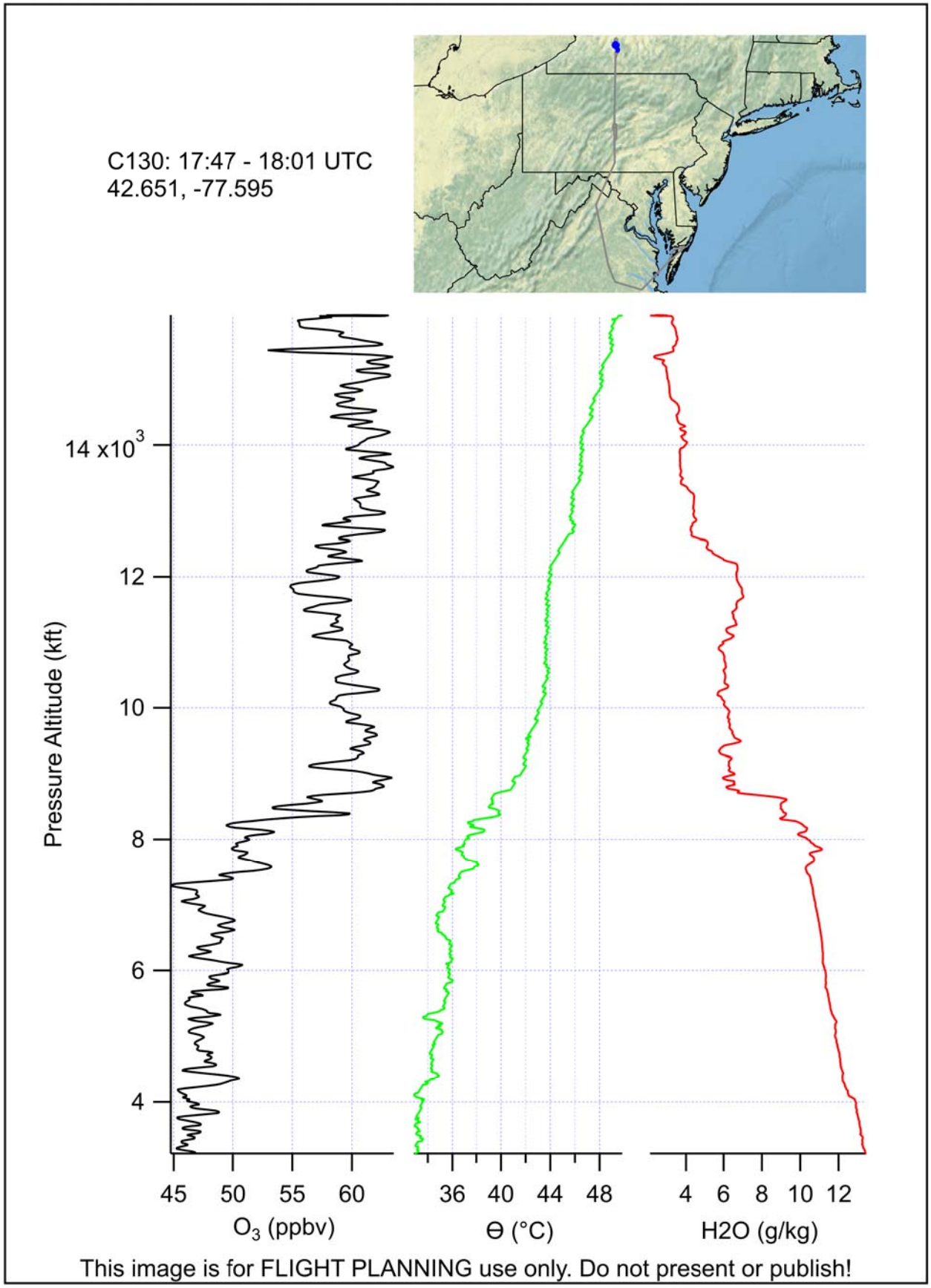

B200: 16:35 - 16:44 UTC
37.709, -82.336
Pressure Altitude (kft)
10
8
6
4
408.5
410.0
CO2 (ppm)
1900
2000
CH4 (ppb)
80
100
120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

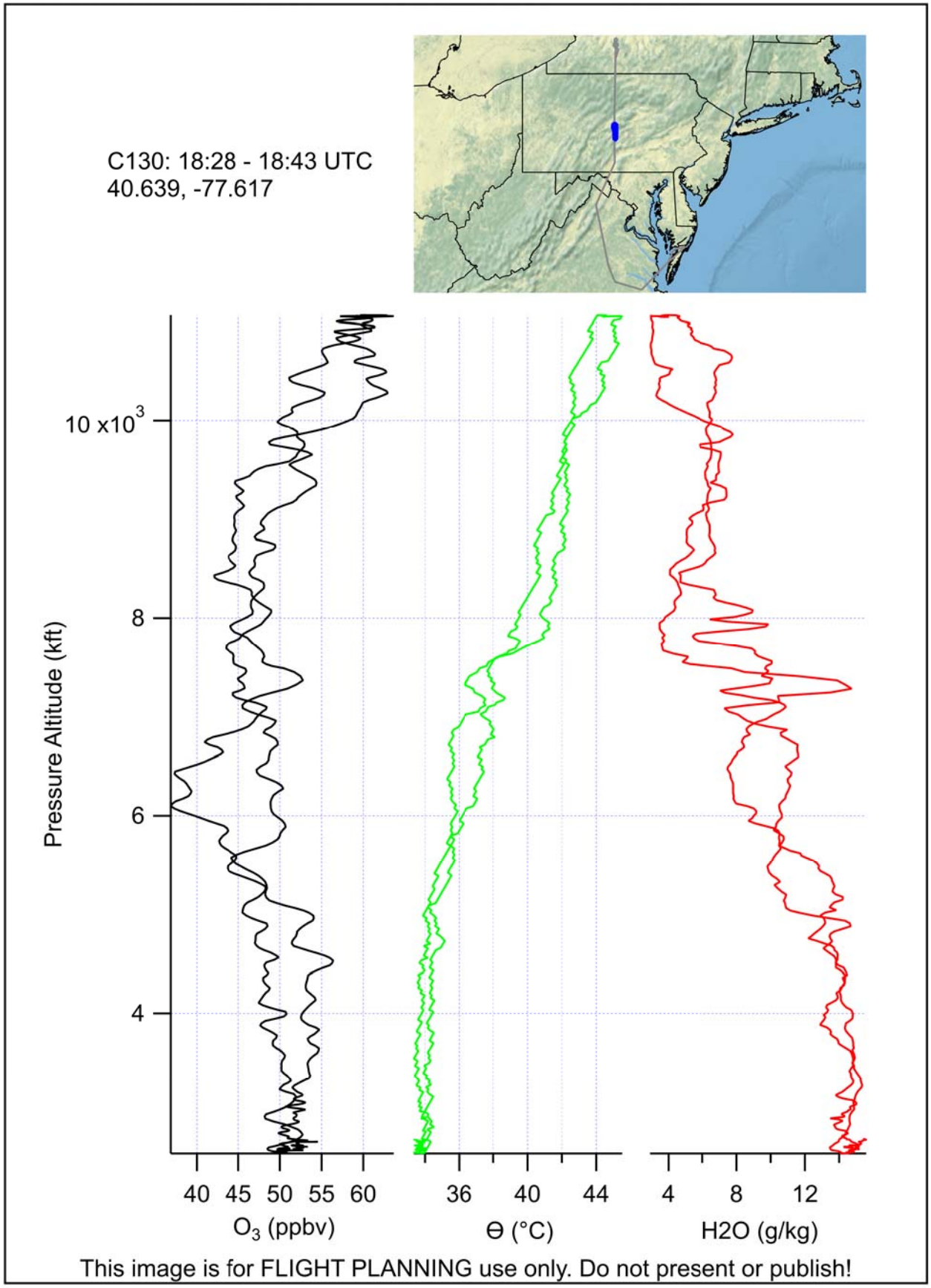

B200: 17:45 - 17:51 UTC
40.908, -83.502
Pressure Altitude (kft)
10
8
6
4
404 406 408 410
CO2 (ppm)
1880 1920 1960
CH4 (ppb)
80 100 120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

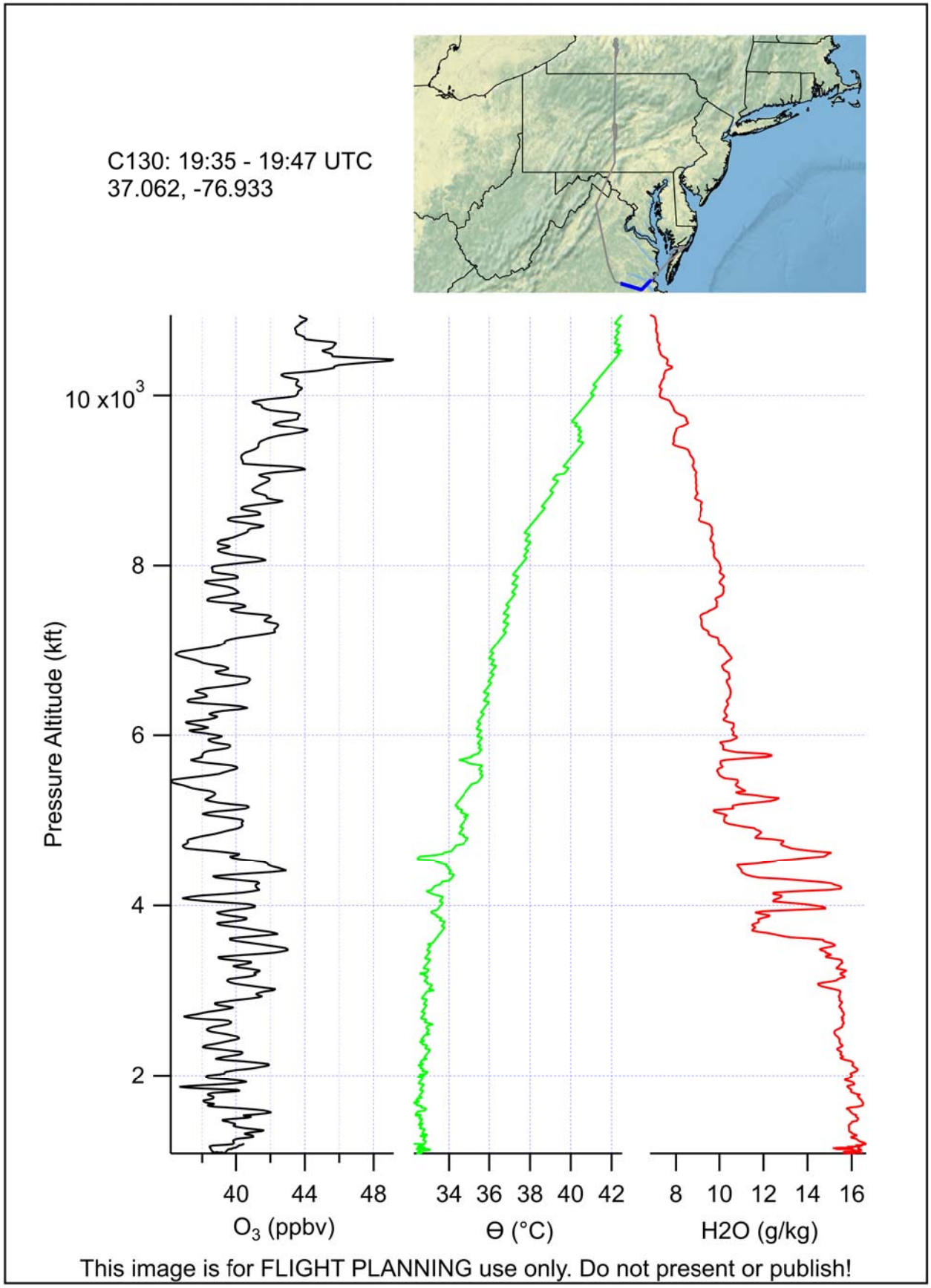

B200: 19:57 - 20:09 UTC
39.568, -80.265
Pressure Altitude (kft)
10
8
6
4
407 408 409 410 411
CO2 (ppm)
1880 1920 1960
CH4 (ppb)
70 80 90 100 110 120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 21:01 - 21:08 UTC
37.706, -77.339
Pressure Altitude (kft)
10
8
6
4
2
407 408 409 410 411
CO2 (ppm)
1880 1920 1960
CH4 (ppb)
80 100 120 140 160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

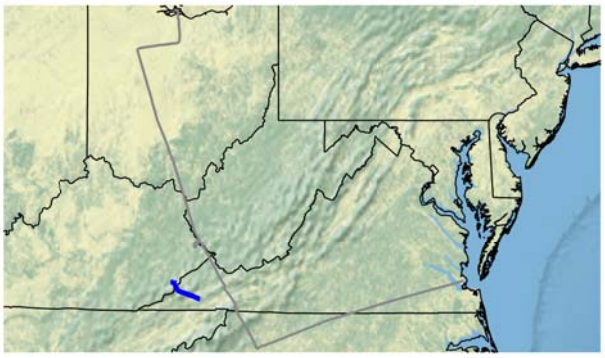

C130: 16:01 - 16:12 UTC
37.867, -75.709
Pressure Altitude (kft)
0
2000
4000
6000
8000
44
48
52
O3 (ppbv)
32
36
40
Θ (°C)
4
8
12
16
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

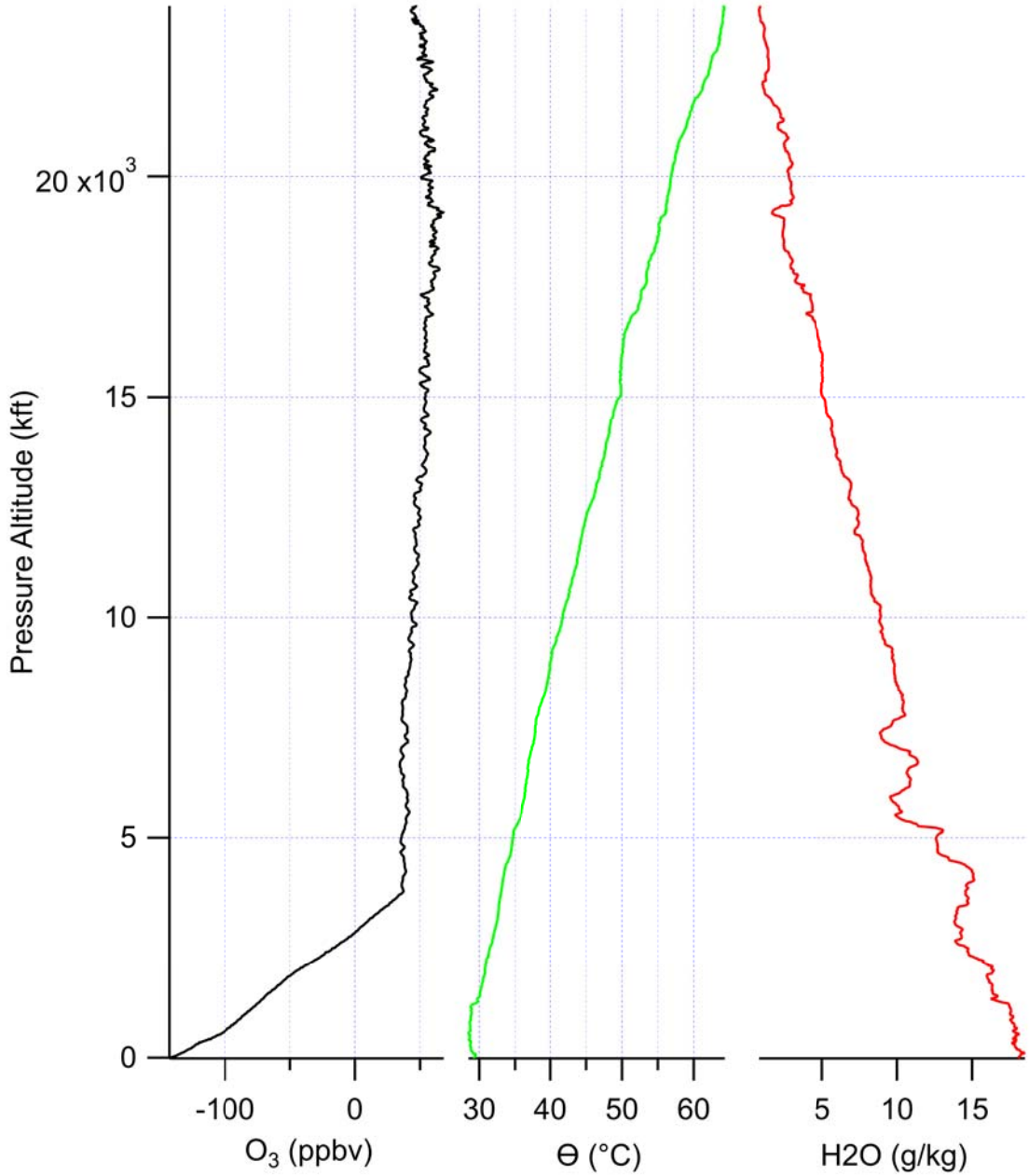

C130: 17:47 - 18:01 UTC
42.651, -77.595
Pressure Altitude (kft)
14 x10^3
12
10
8
6
4
45 50 55 60
O3 (ppbv)
36 40 44 48
Θ (°C)
4 6 8 10 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:28 - 18:43 UTC
40.639, -77.617
Pressure Altitude (kft)
10 x10^3
8
6
4
40 45 50 55 60
O3 (ppbv)
36 40 44
Θ (°C)
4 8 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

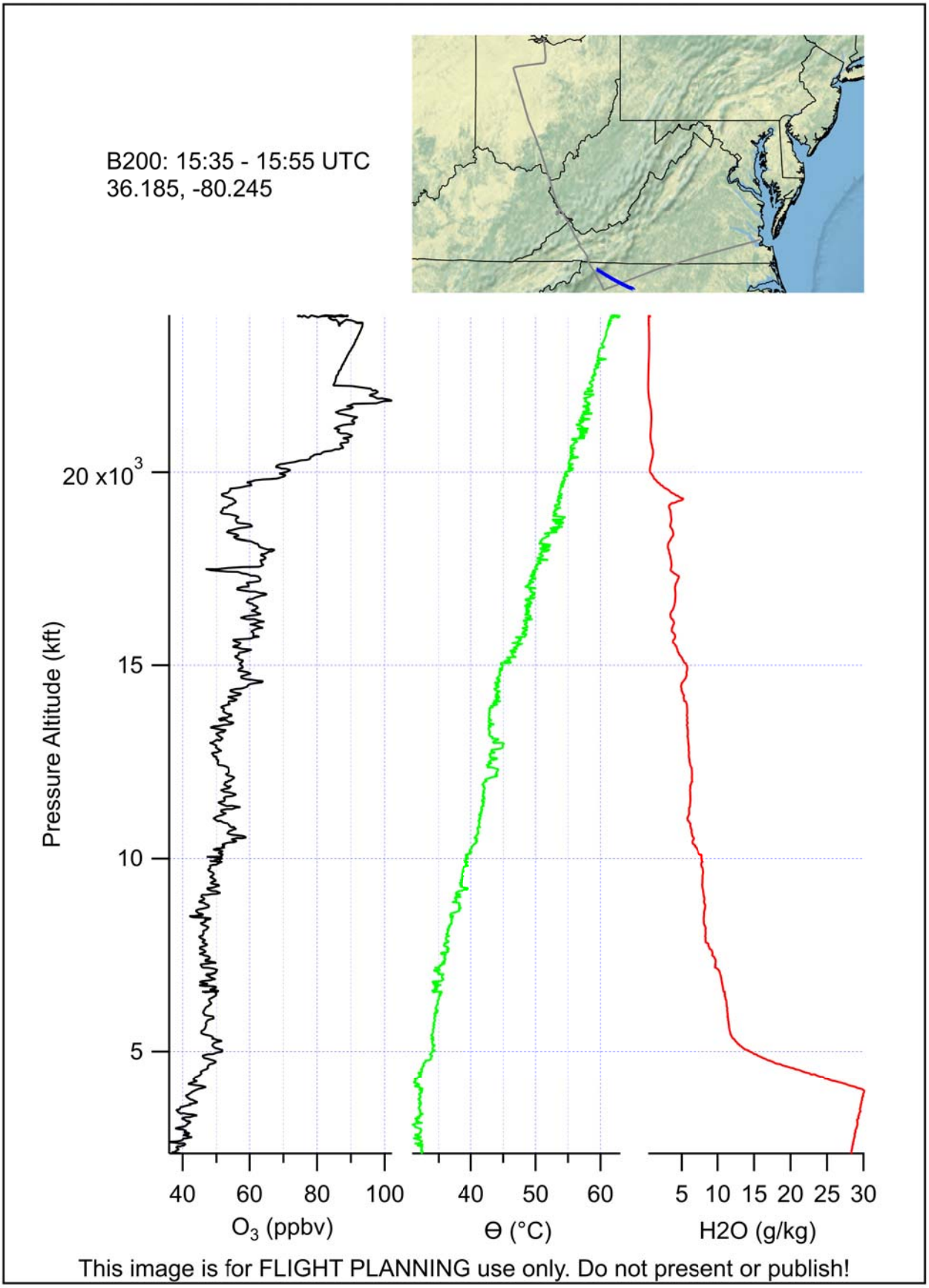

C130: 19:35 - 19:47 UTC
37.062, -76.933
10 x10^3
8
6
4
2
Pressure Altitude (kft)
40 44 48
O3 (ppbv)
34 36 38 40 42
Θ (°C)
8 10 12 14 16
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

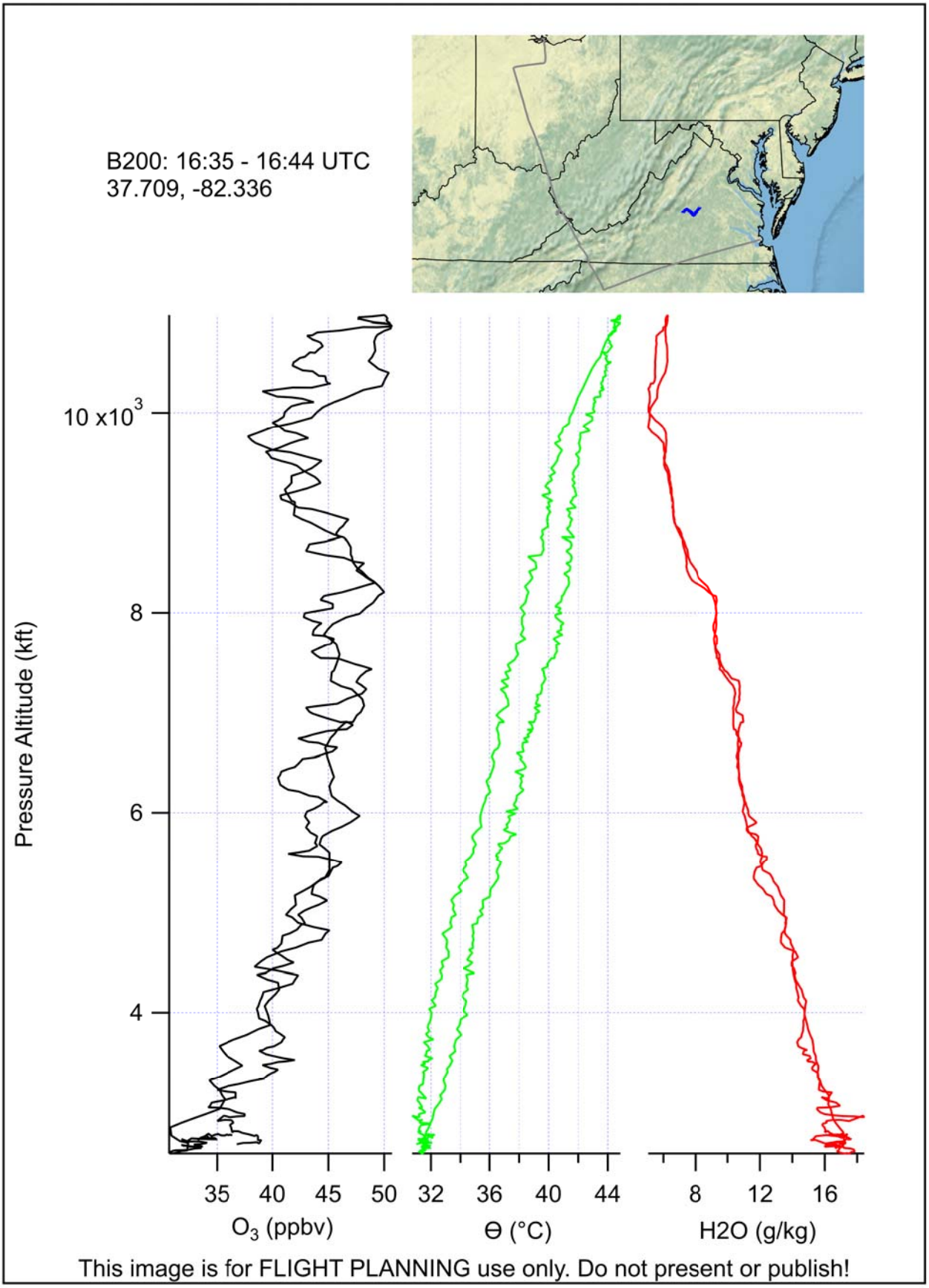
B200: 14:53 - 15:15 UTC
36.933, -77.055

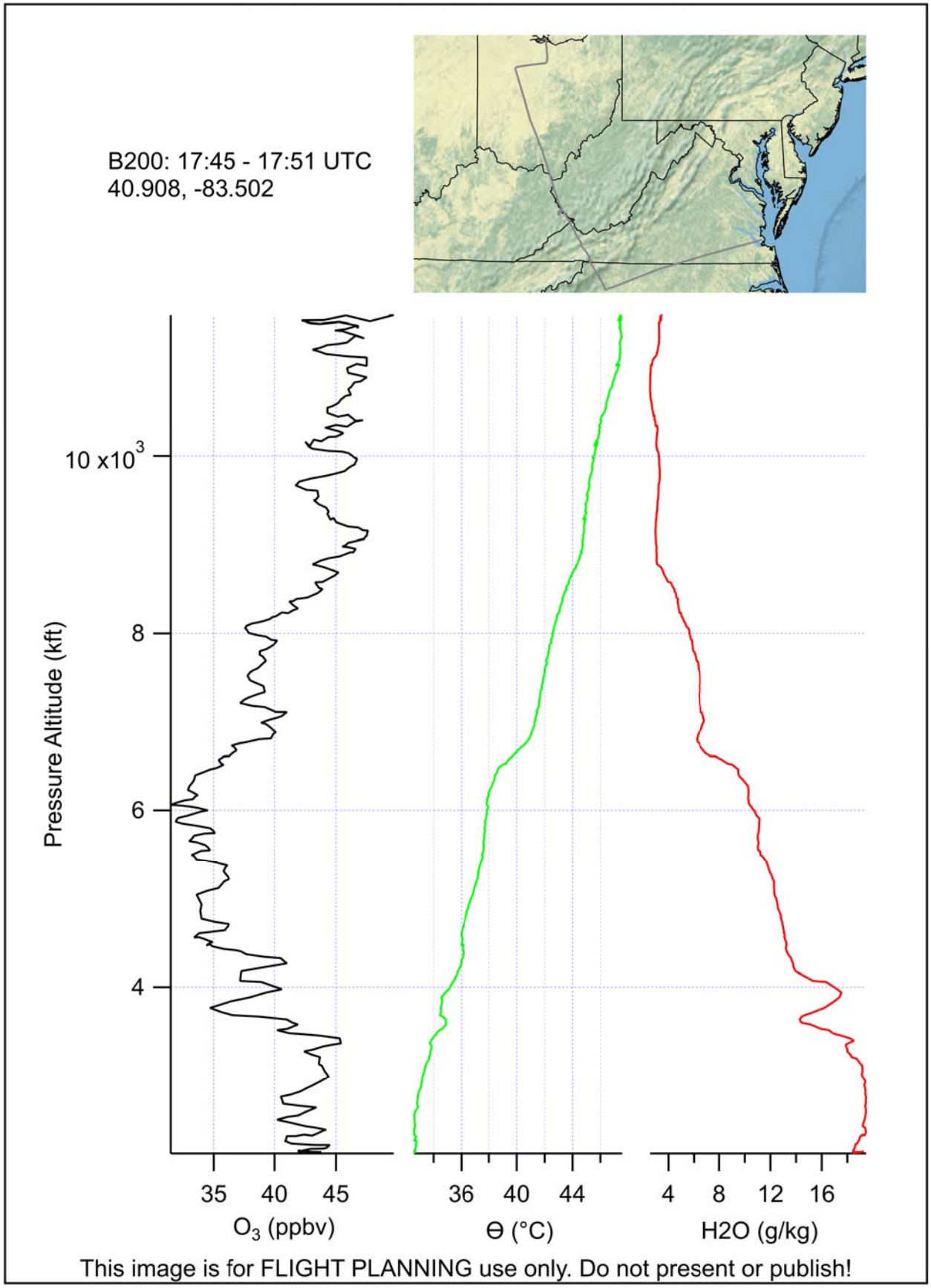


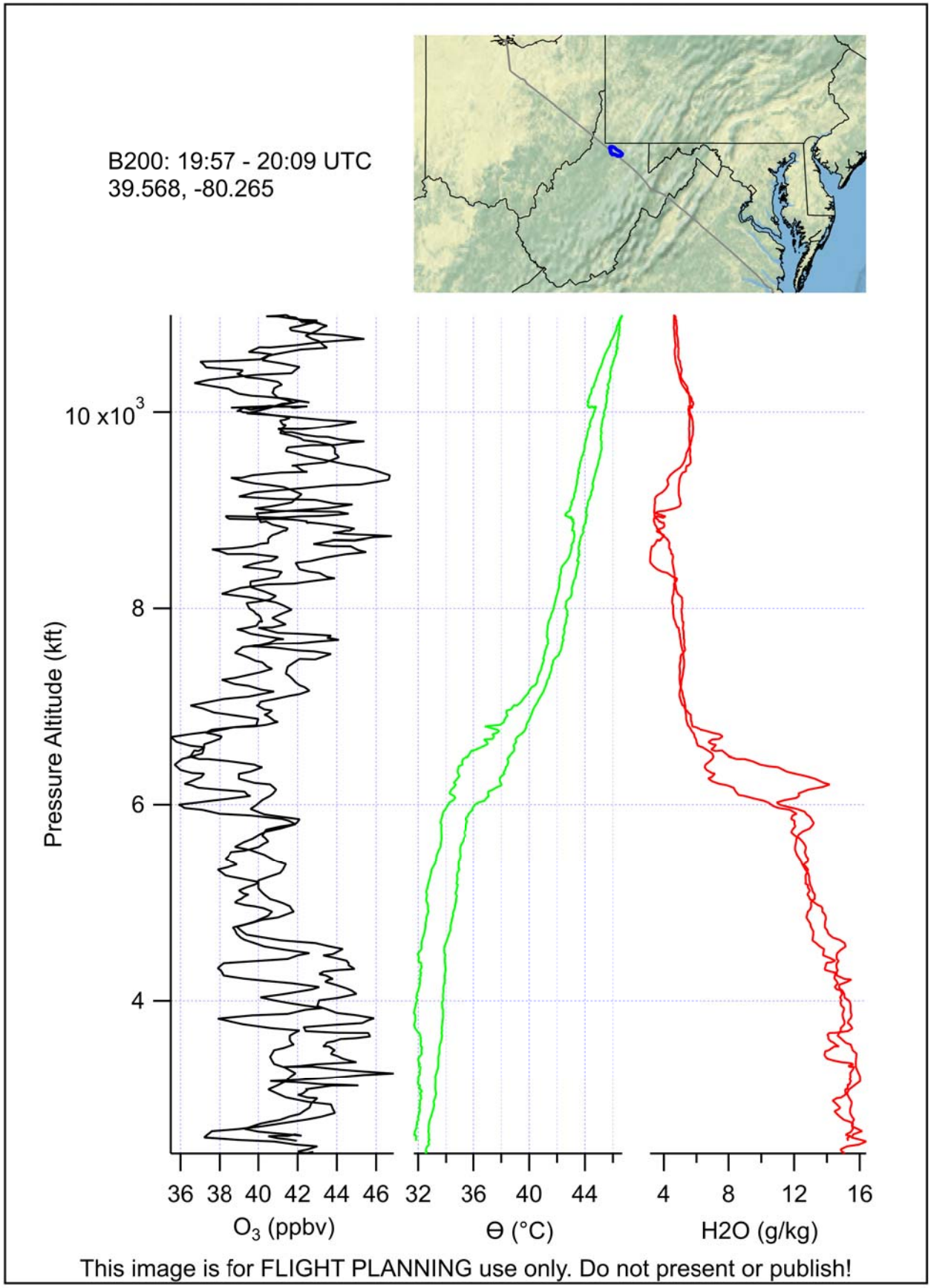


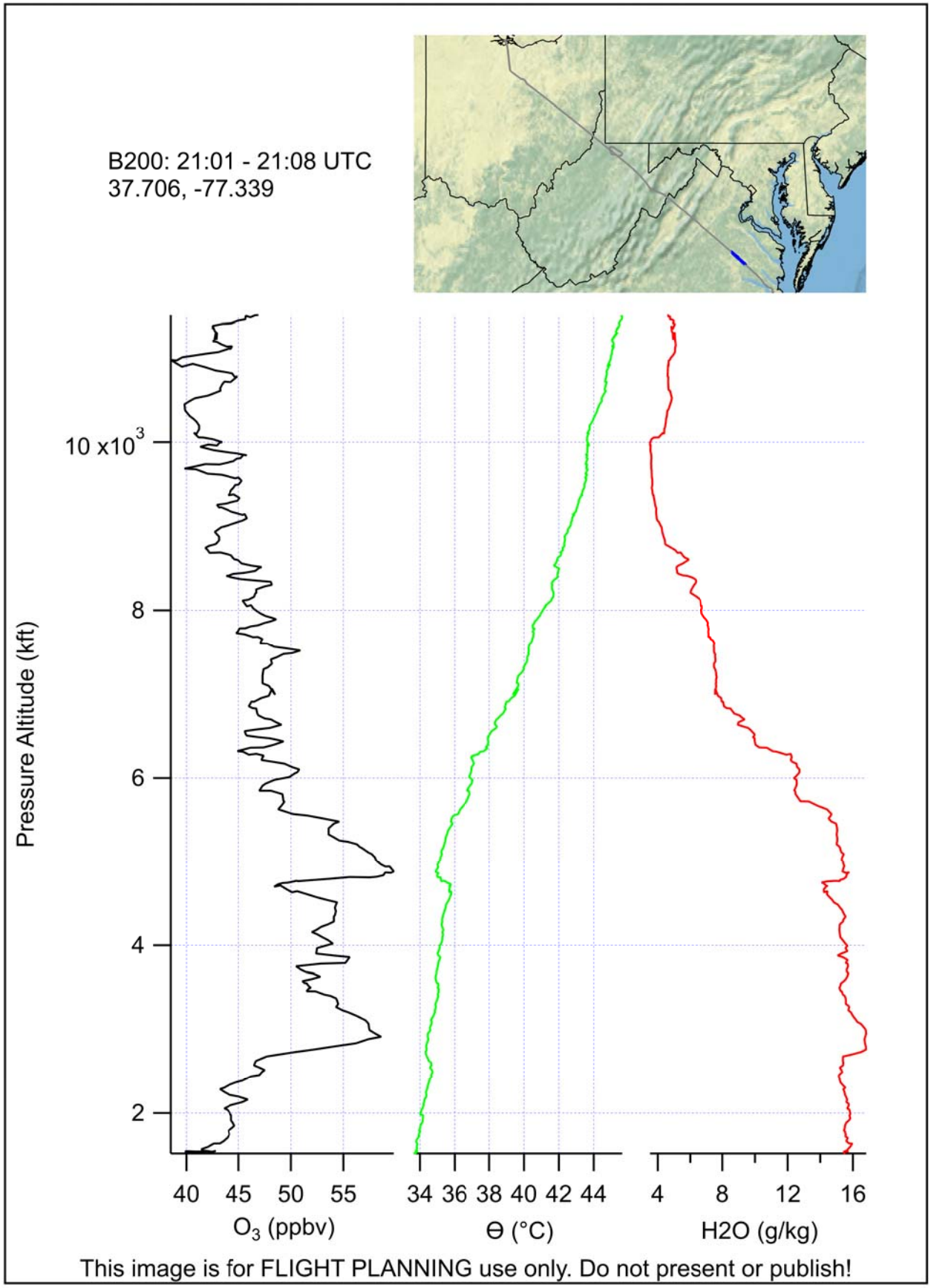
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 15:35 - 15:55 UTC
36.185, -80.245
Pressure Altitude (kft)
20 x10^3
15
10
5
40
60
80
100
O3 (ppbv)
40
50
60
Θ (°C)
5
10
15
20
25
30
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 16:35 - 16:44 UTC
37.709, -82.336
Pressure Altitude (kft)
10 x10^3
8
6
4
35 40 45 50
O3 (ppbv)
32 36 40 44
Θ (°C)
8 12 16
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:45 - 17:51 UTC
40.908, -83.502
Pressure Altitude (kft)
10 x10^3
8
6
4
35 40 45
O3 (ppbv)
36 40 44
Θ (°C)
4 8 12 16
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:57 - 20:09 UTC
39.568, -80.265
Pressure Altitude (kft)
10 x10^3
8
6
4
36 38 40 42 44 46
O3 (ppbv)
32 36 40 44
Θ (°C)
4 8 12 16
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 21:01 - 21:08 UTC
37.706, -77.339
Pressure Altitude (kft)
10 x10^3
8
6
4
2
40 45 50 55
O3 (ppbv)
34 36 38 40 42 44
Θ (°C)
4 8 12 16
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!