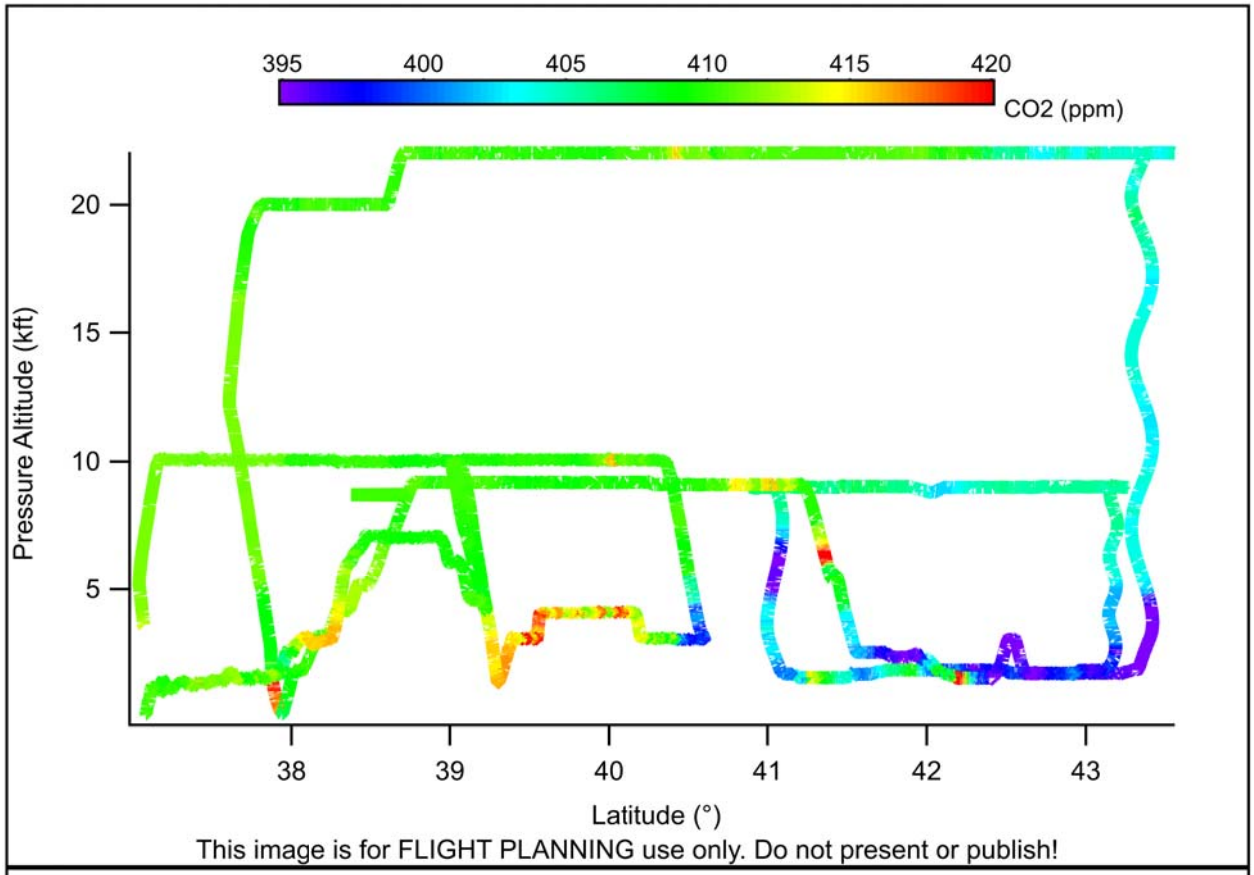
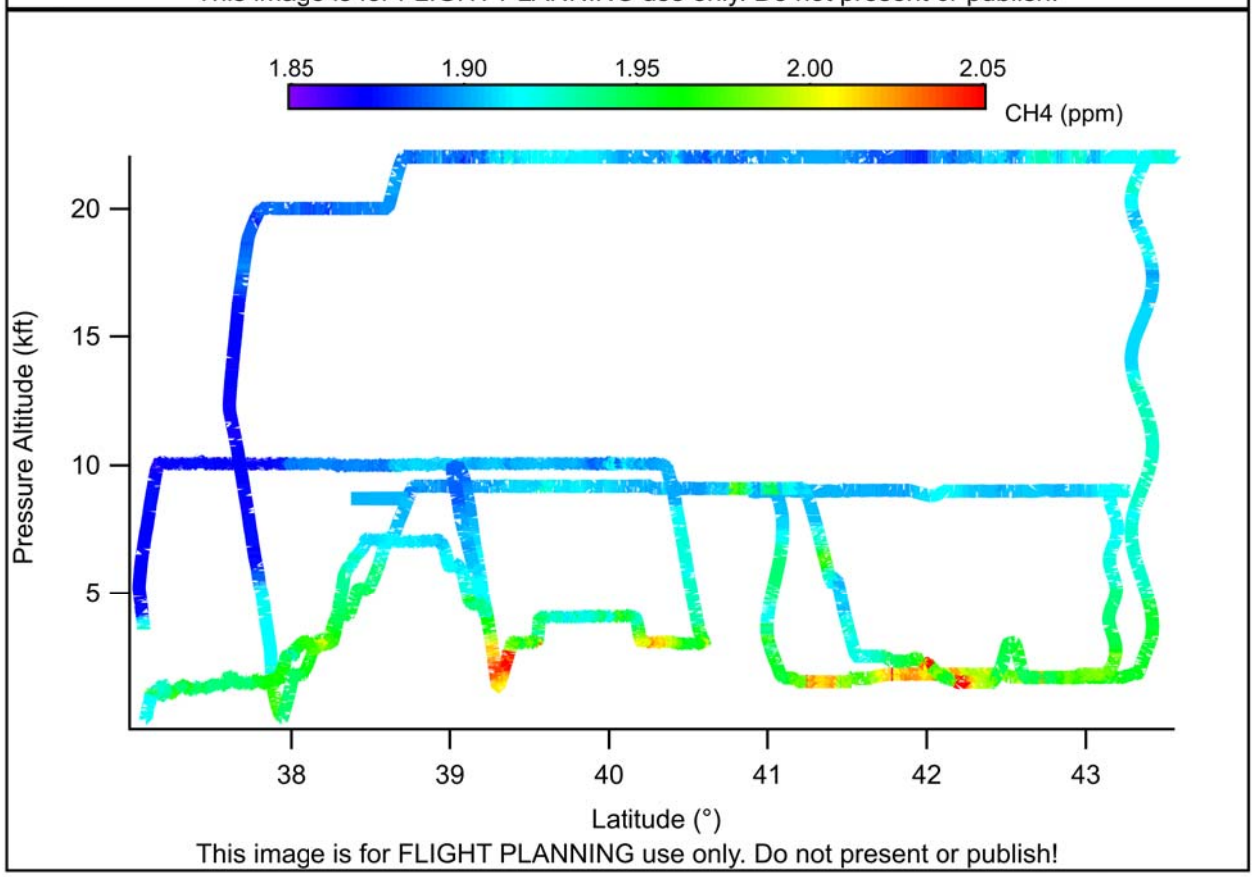
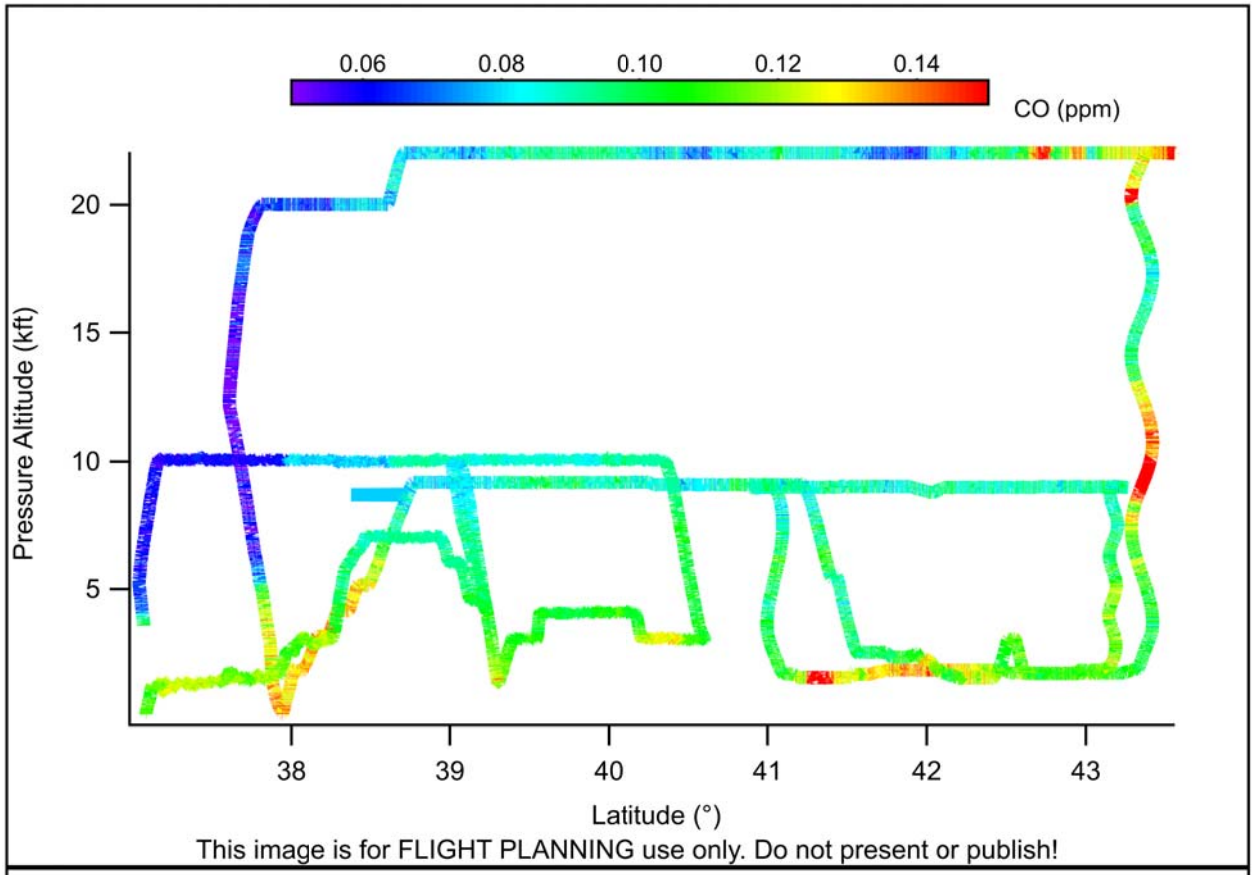
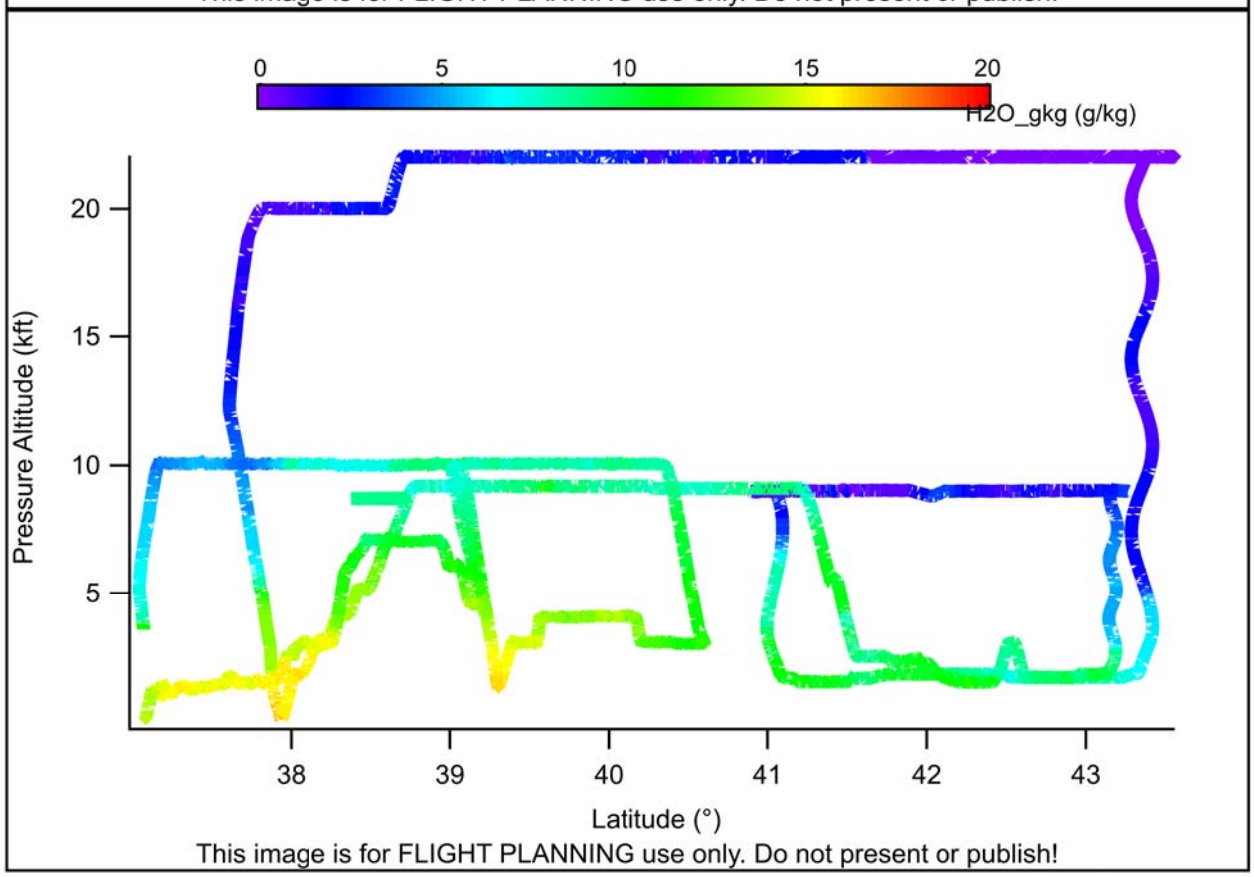
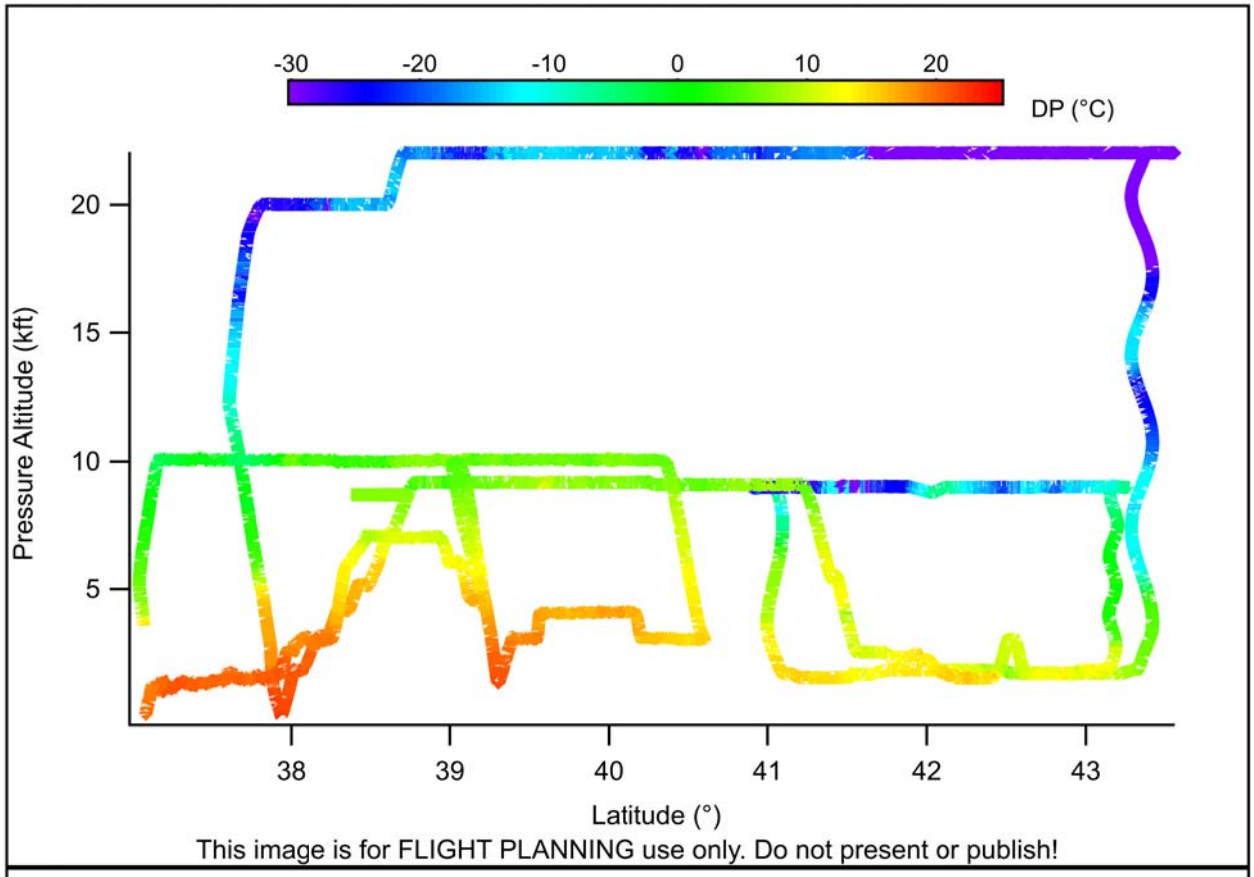
ACT-America 20190722

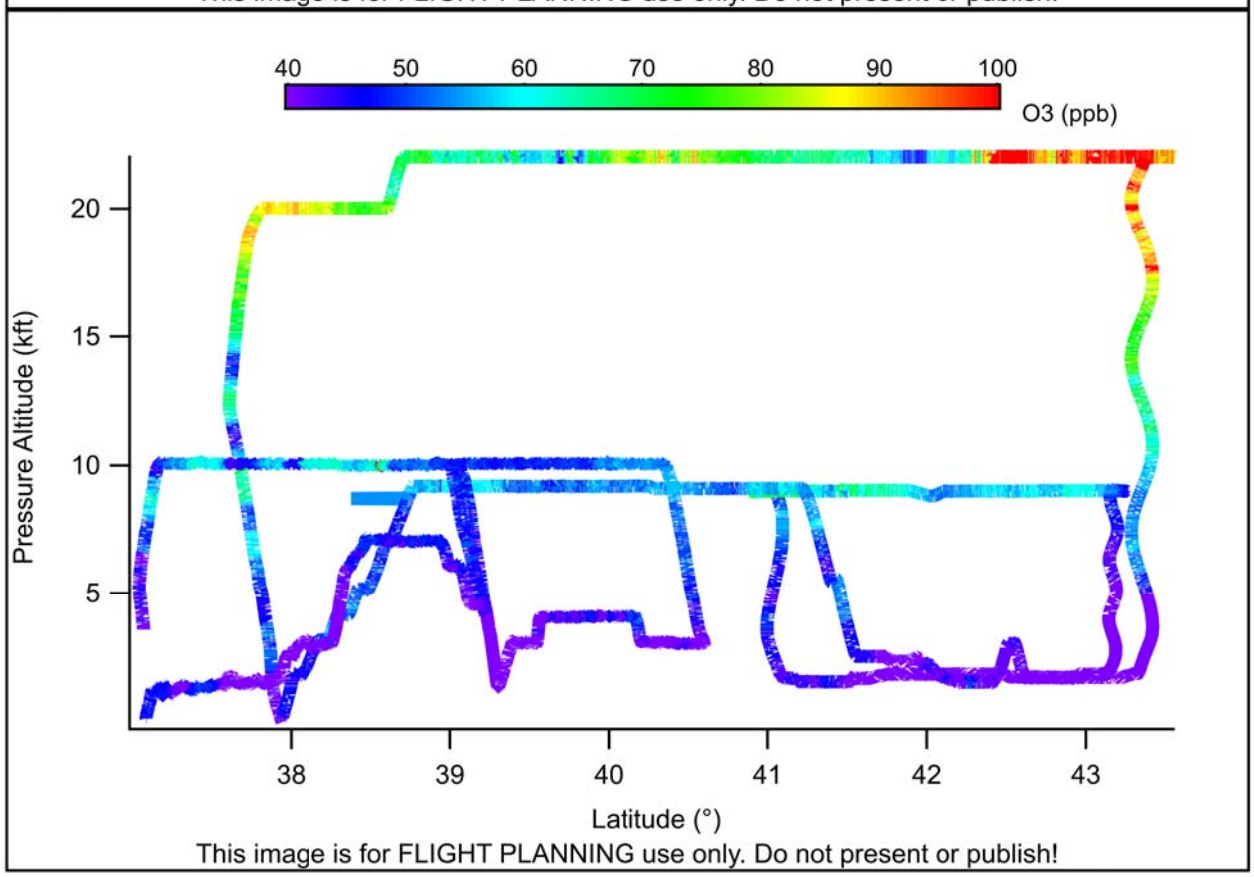

395
400
405
410
415
420
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
38
39
40
41
42
43
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

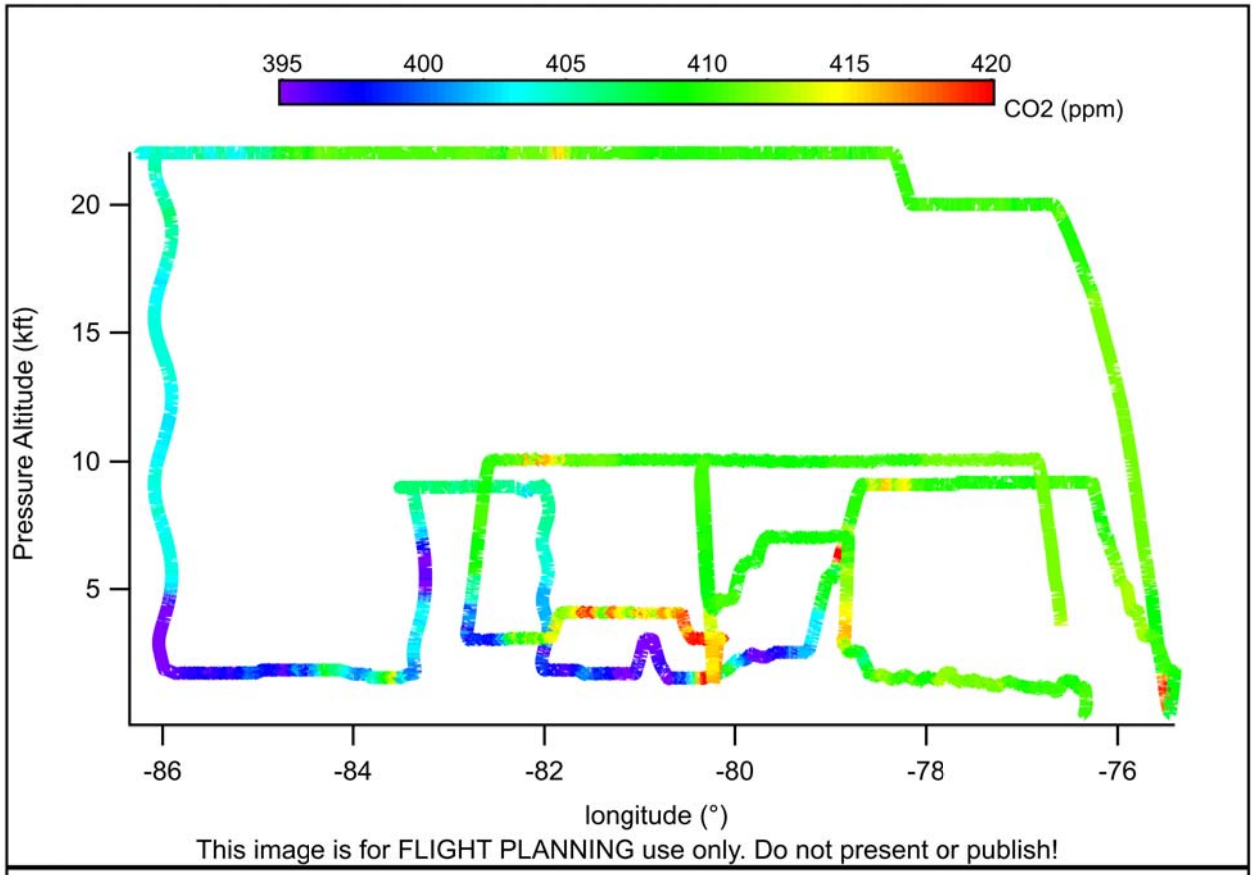

1.85
1.90
1.95
2.00
2.05
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
38
39
40
41
42
43
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

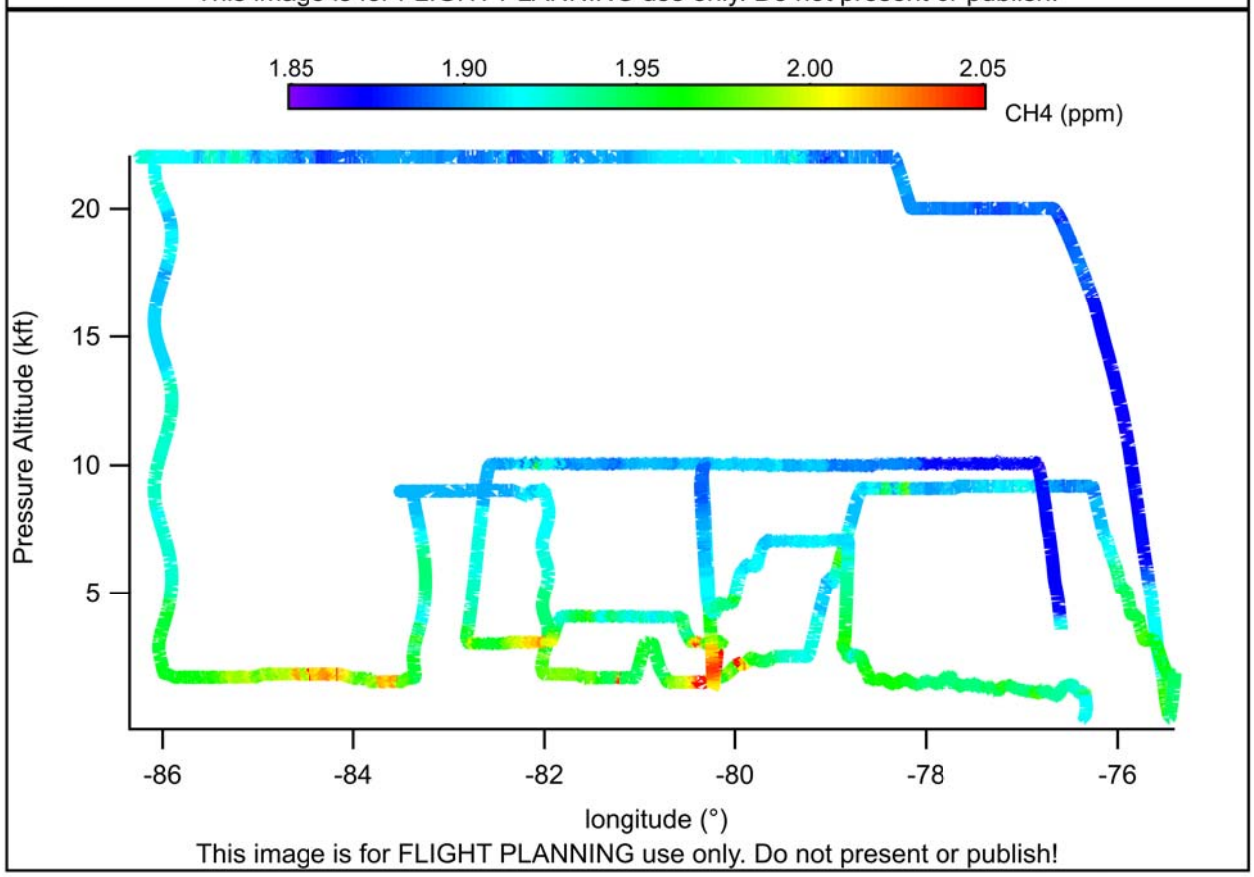

0.06
0.08
0.10
0.12
0.14
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
38
39
40
41
42
43
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

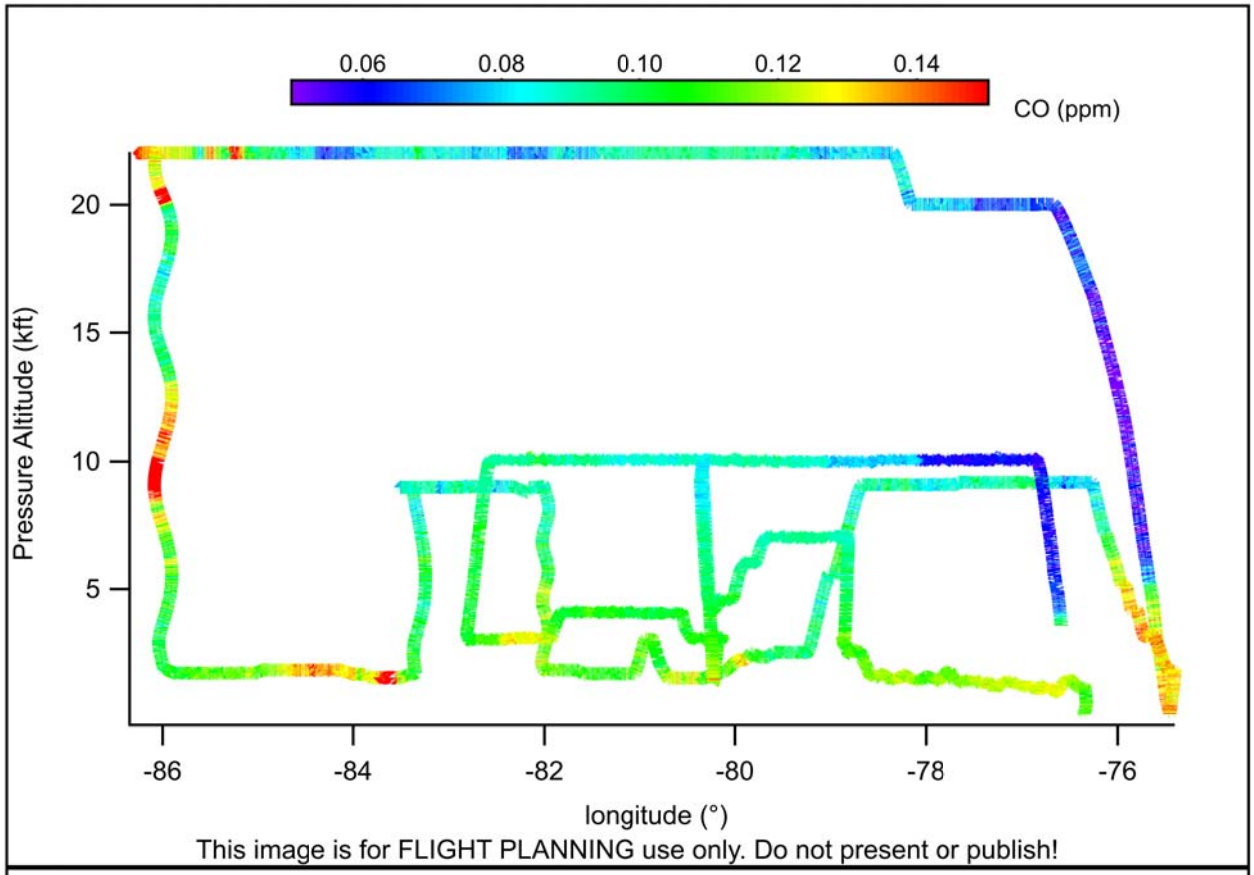

0
5
10
15
20
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
38
39
40
41
42
43
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

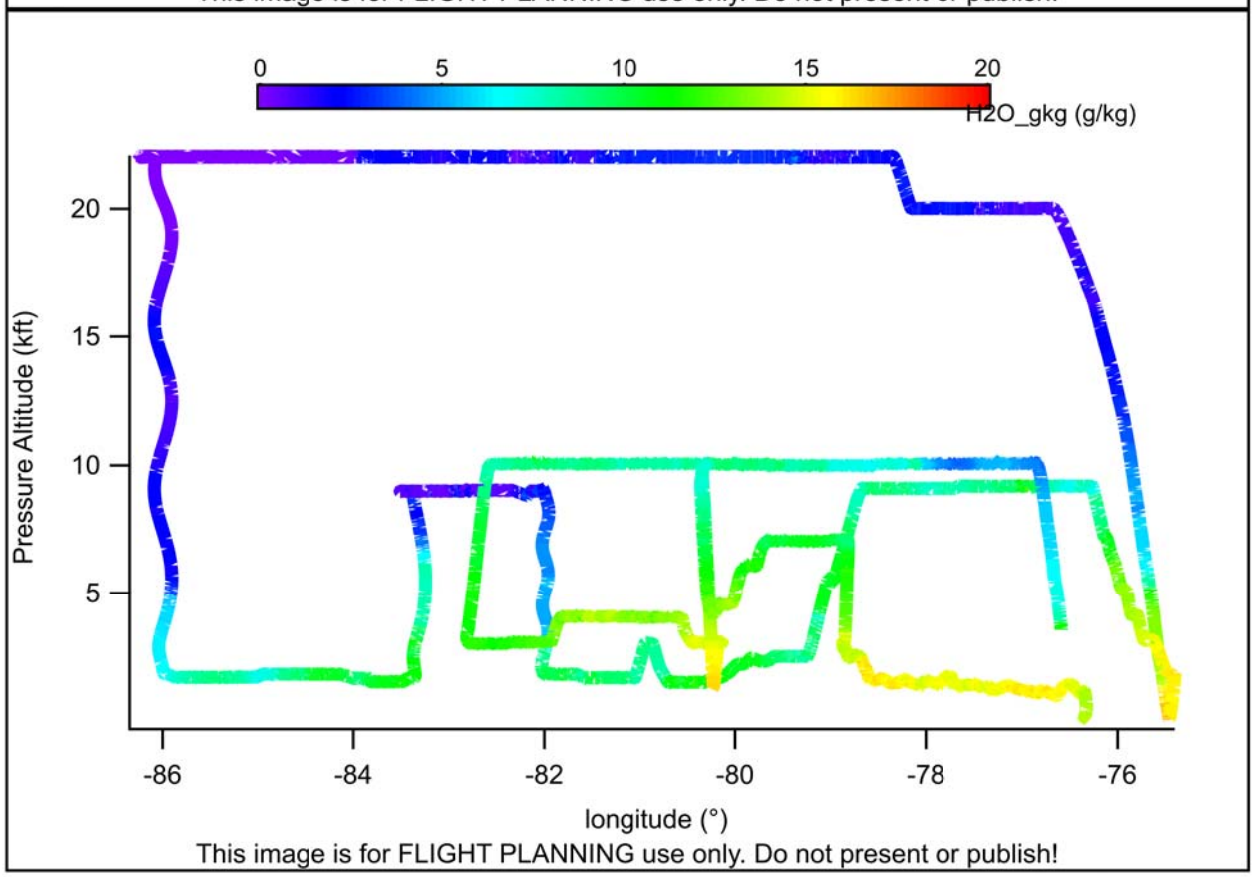

-30
-20
-10
0
10
20
DP (°C)
Pressure Altitude (kft)
20
15
10
5
38
39
40
41
42
43
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

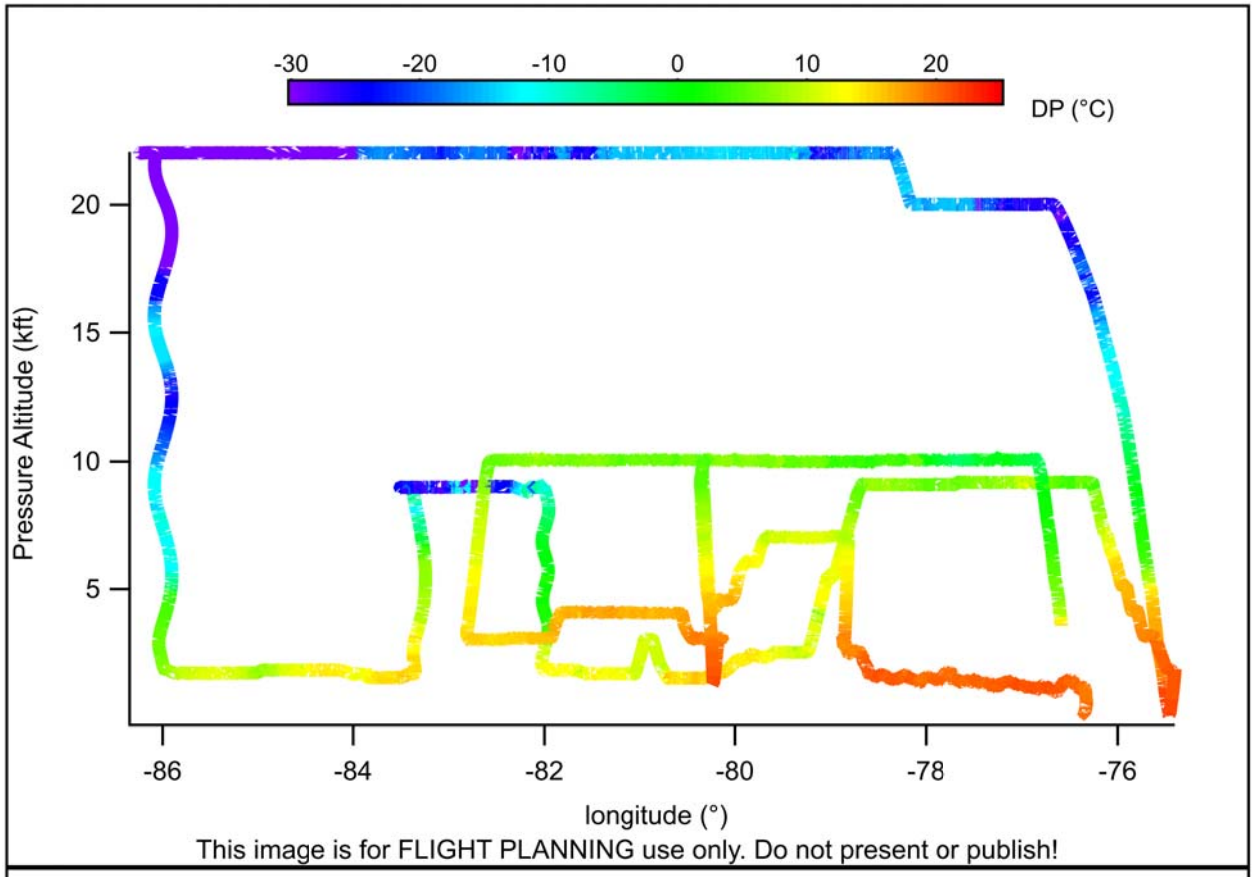

40
50
60
70
80
90
100
O3 (ppb)
Pressure Altitude (kft)
20
15
10
5
38
39
40
41
42
43
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

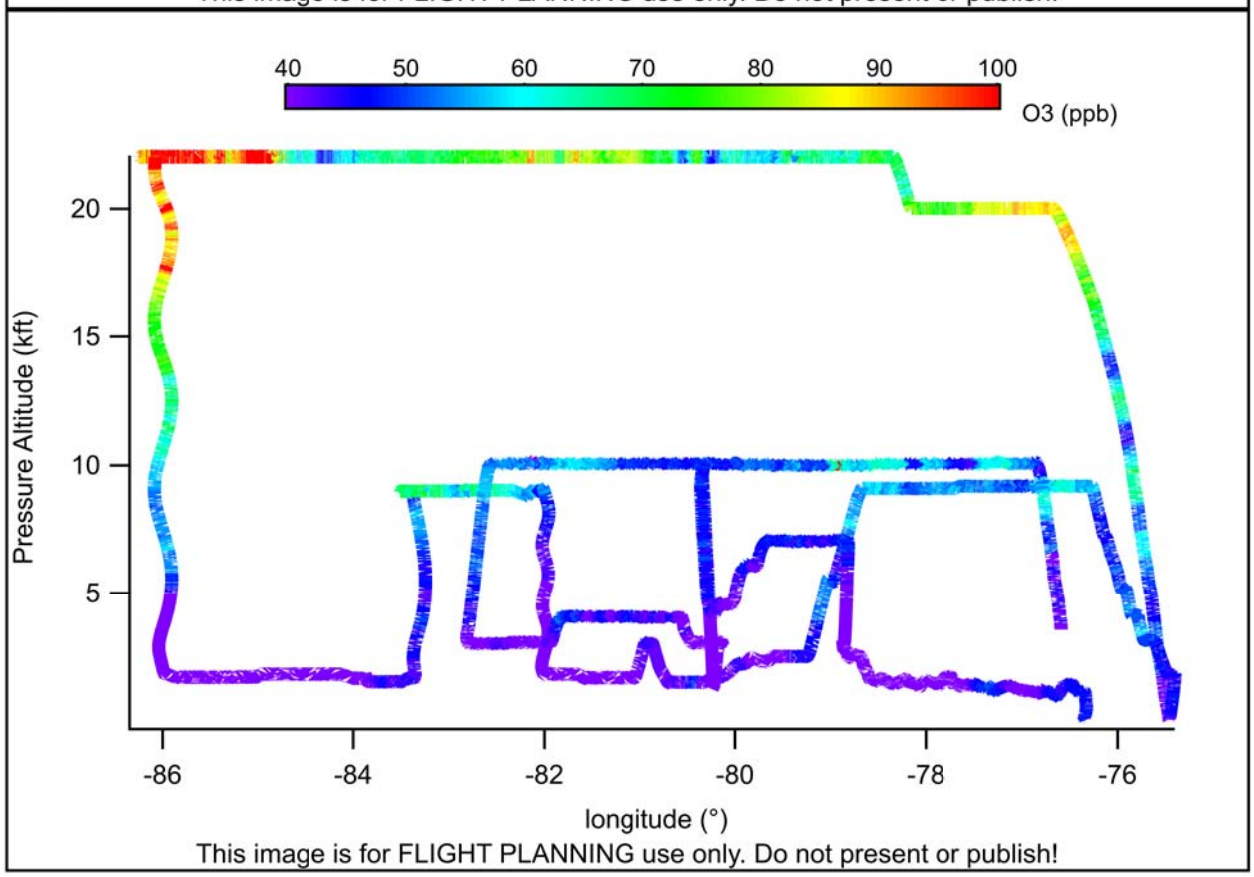

395
400
405
410
415
420
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
-86
-84
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

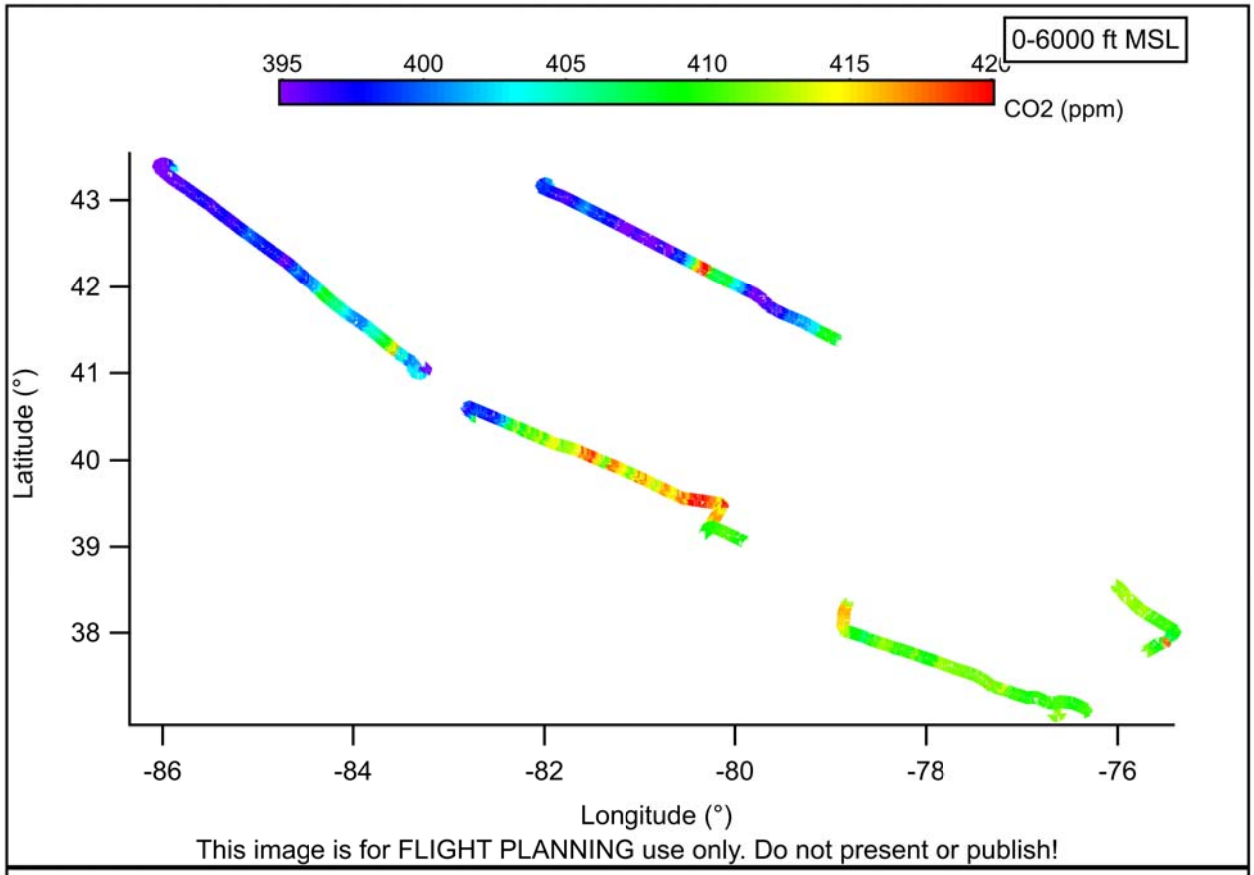

1.85
1.90
1.95
2.00
2.05
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
-86
-84
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

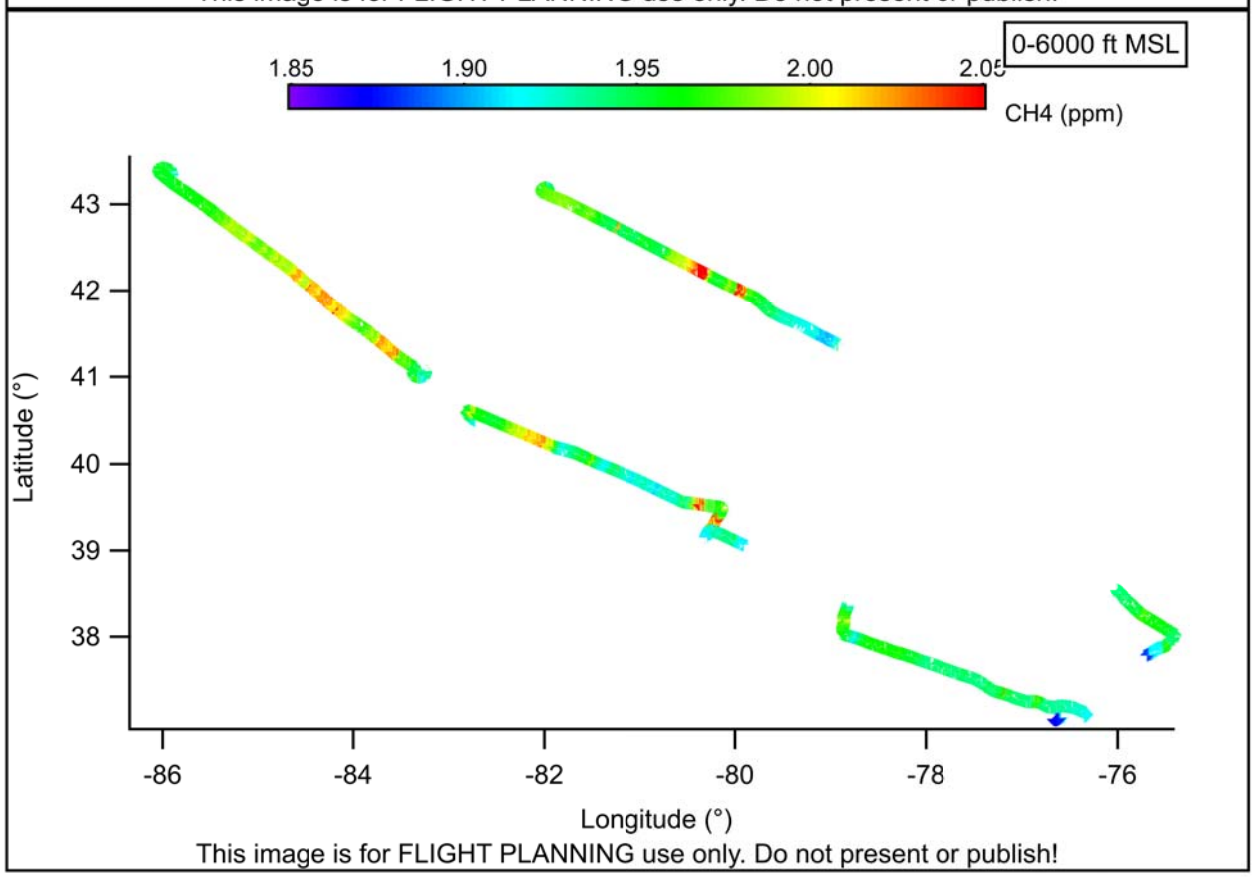

0.06
0.08
0.10
0.12
0.14
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
-86
-84
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

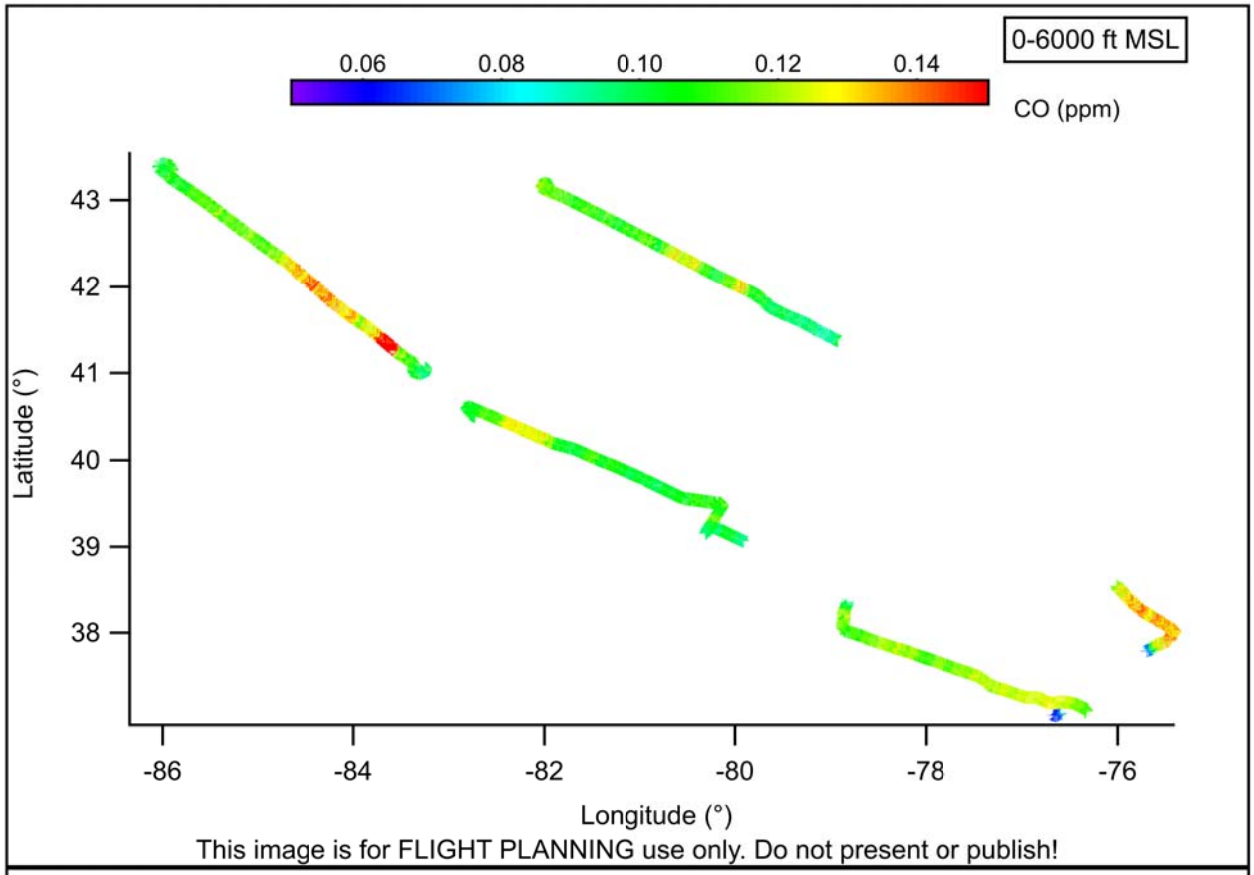

0
5
10
15
20
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
-86
-84
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

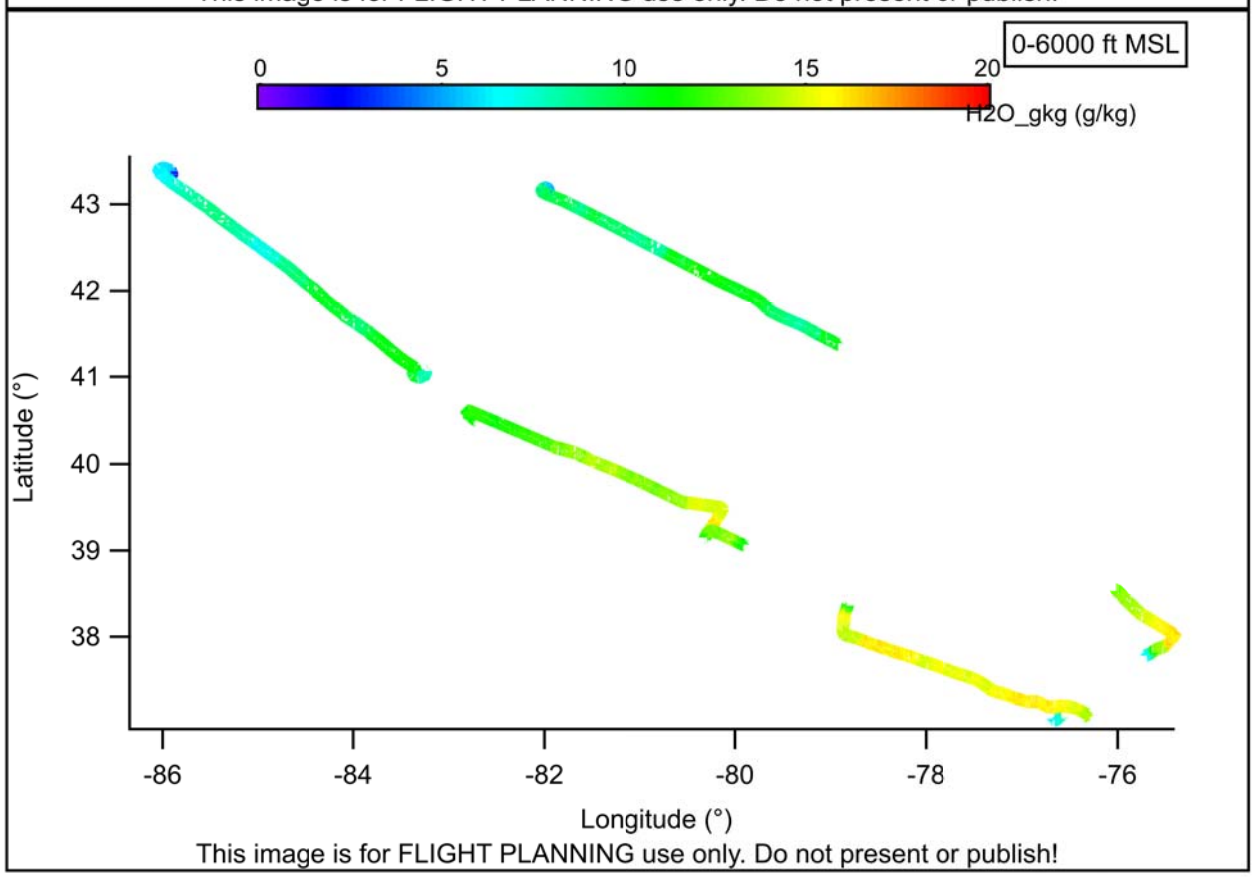

-30
-20
-10
0
10
20
DP (°C)
Pressure Altitude (kft)
20
15
10
5
-86
-84
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

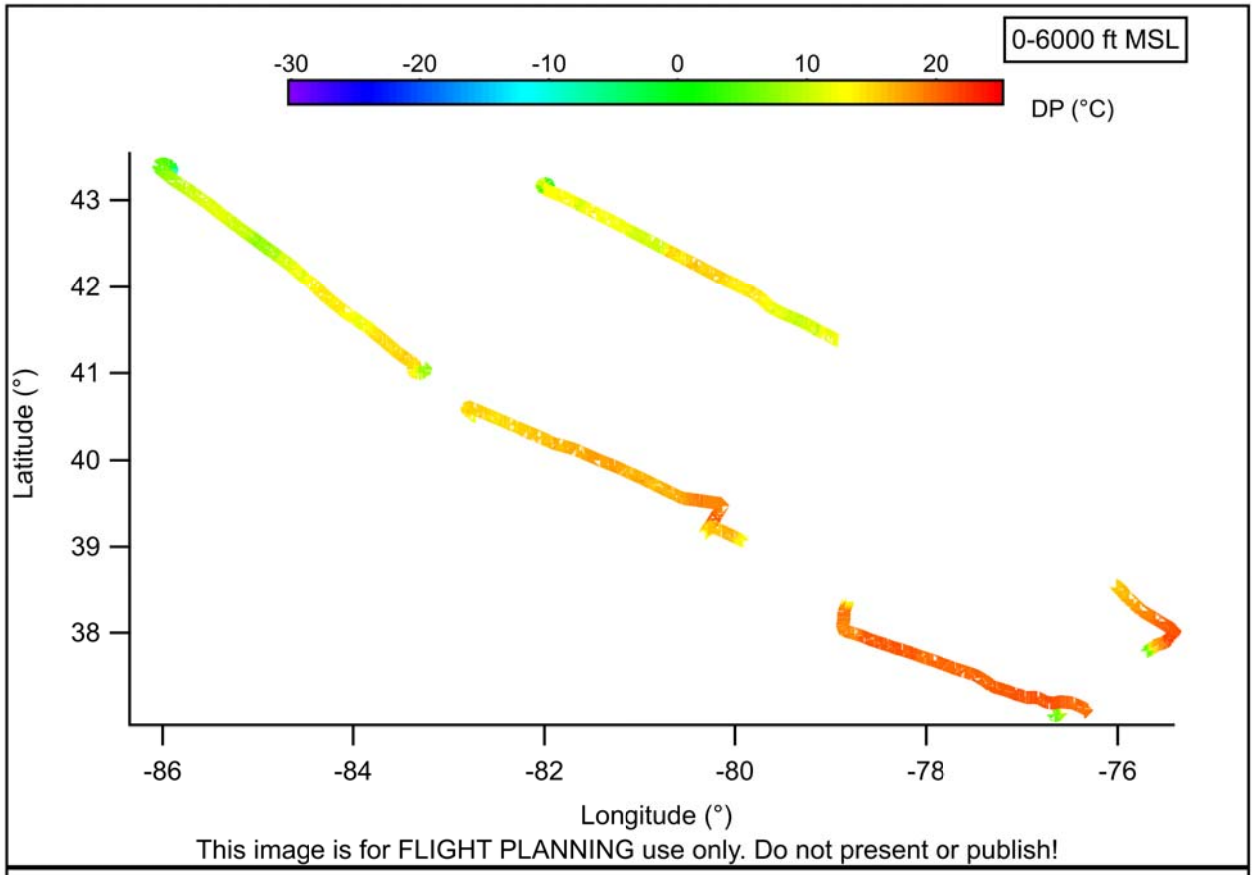

40
50
60
70
80
90
100
O3 (ppb)
Pressure Altitude (kft)
20
15
10
5
-86
-84
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

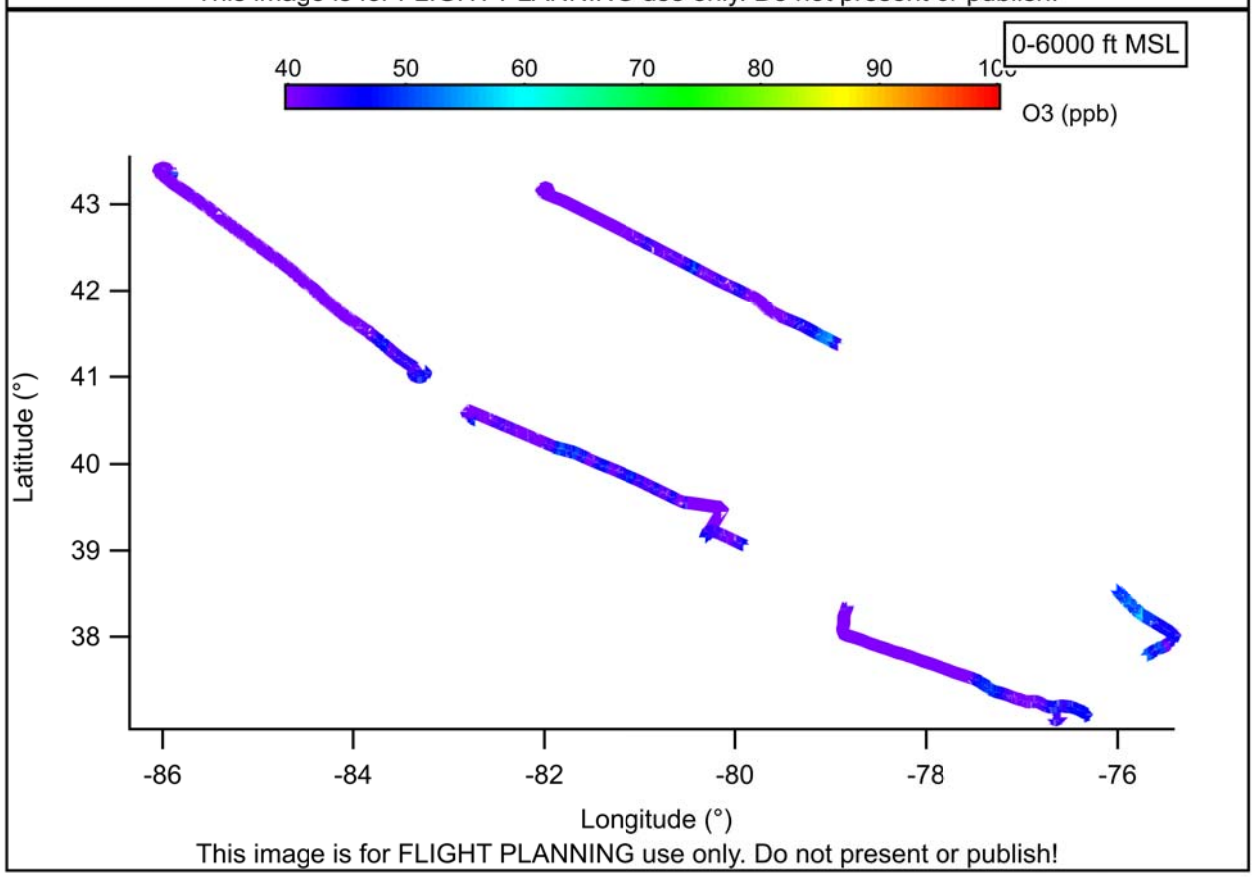

0-6000 ft MSL
395
400
405
410
415
420
CO2 (ppm)
43
42
41
40
39
38
Latitude (°)
-86
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
1.85
1.90
1.95
2.00
2.05
CH4 (ppm)
43
42
41
40
39
38
Latitude (°)
-86
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
0.06
0.08
0.10
0.12
0.14
CO (ppm)
Latitude (°)
43
42
41
40
39
38
-86
-84
-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 (°)
43
42
41
40
39
38
-86
-84
-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)
43
42
41
40
39
38
Latitude (°)
-86
-84
-82
-80
-78
-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
100
O3 (ppb)
43
42
41
40
39
38
Latitude (°)
-86
-84
-82
-80
-78
-76
Longitude (°)
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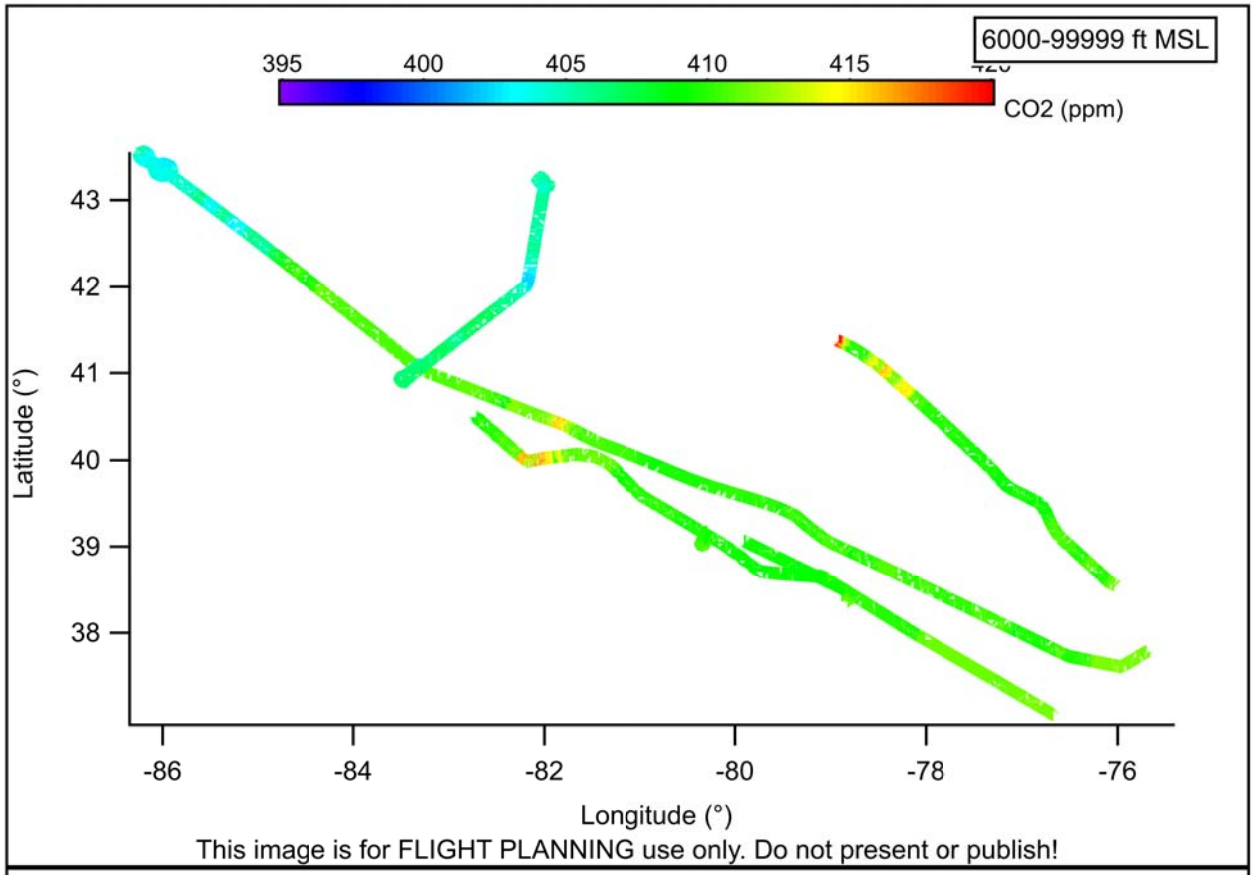
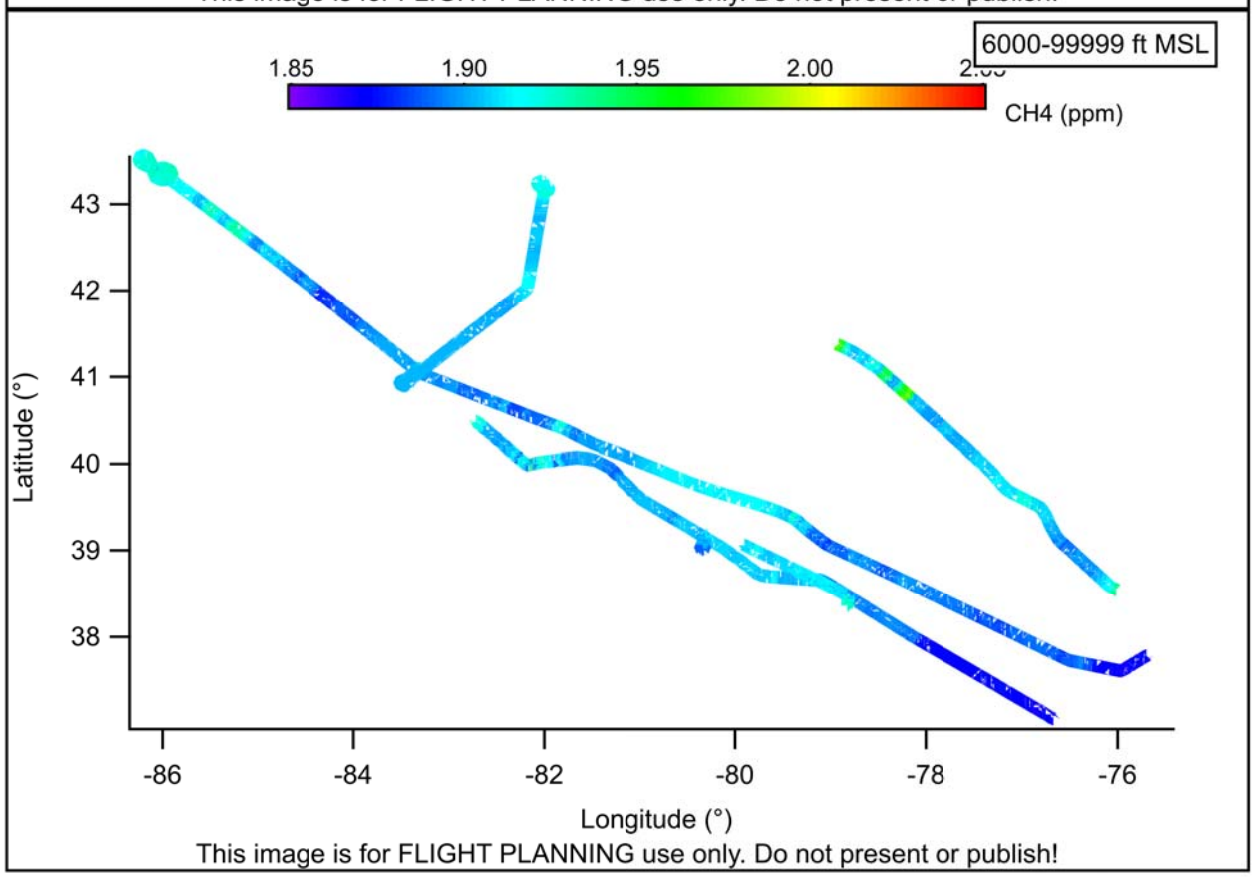
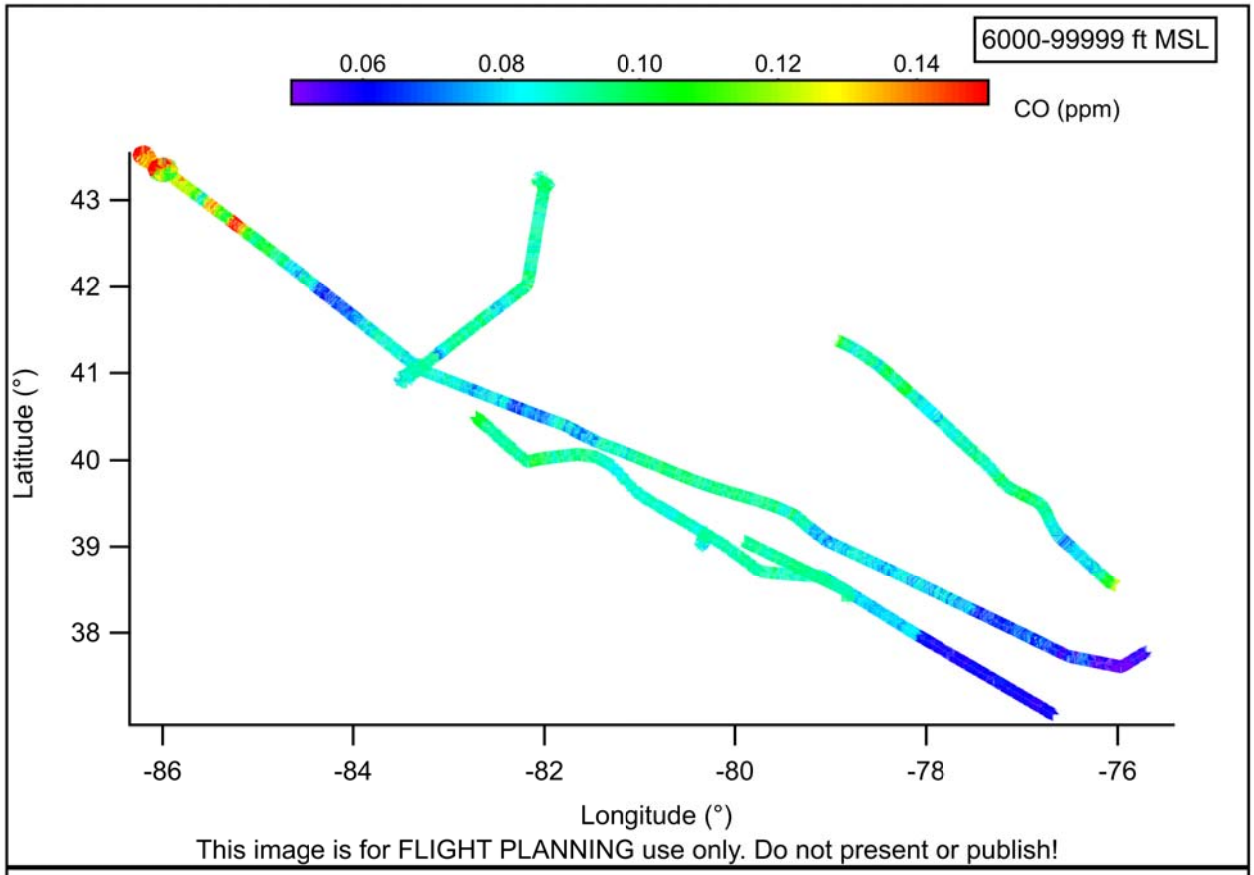
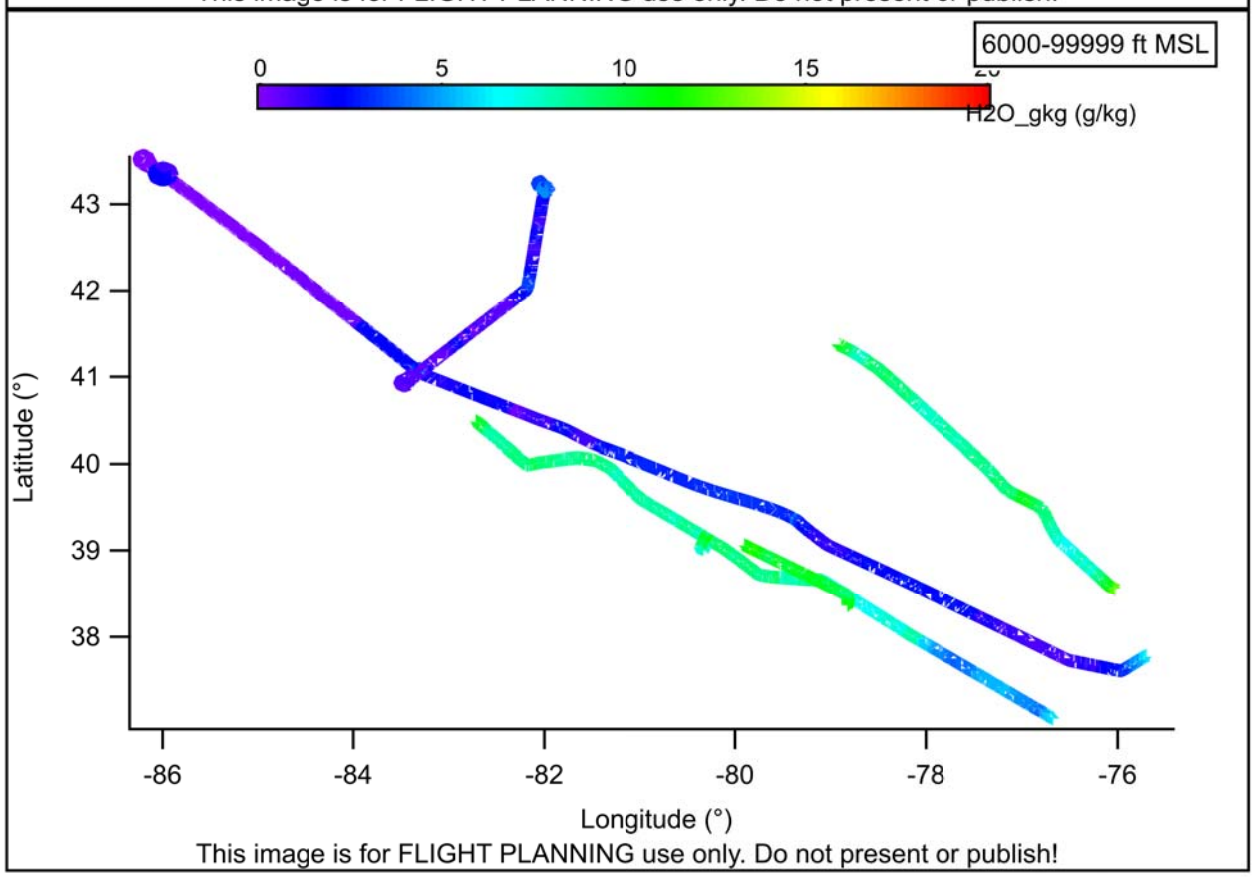
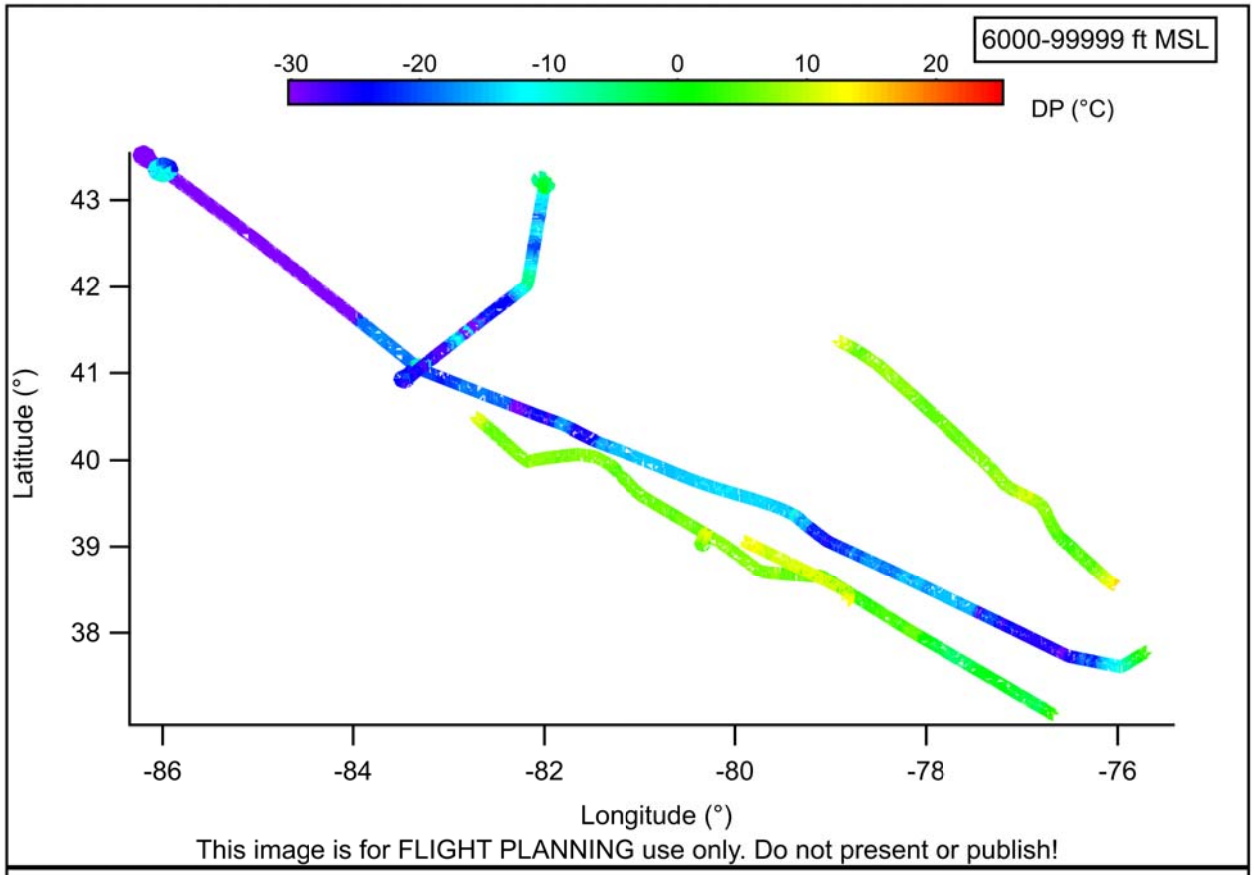
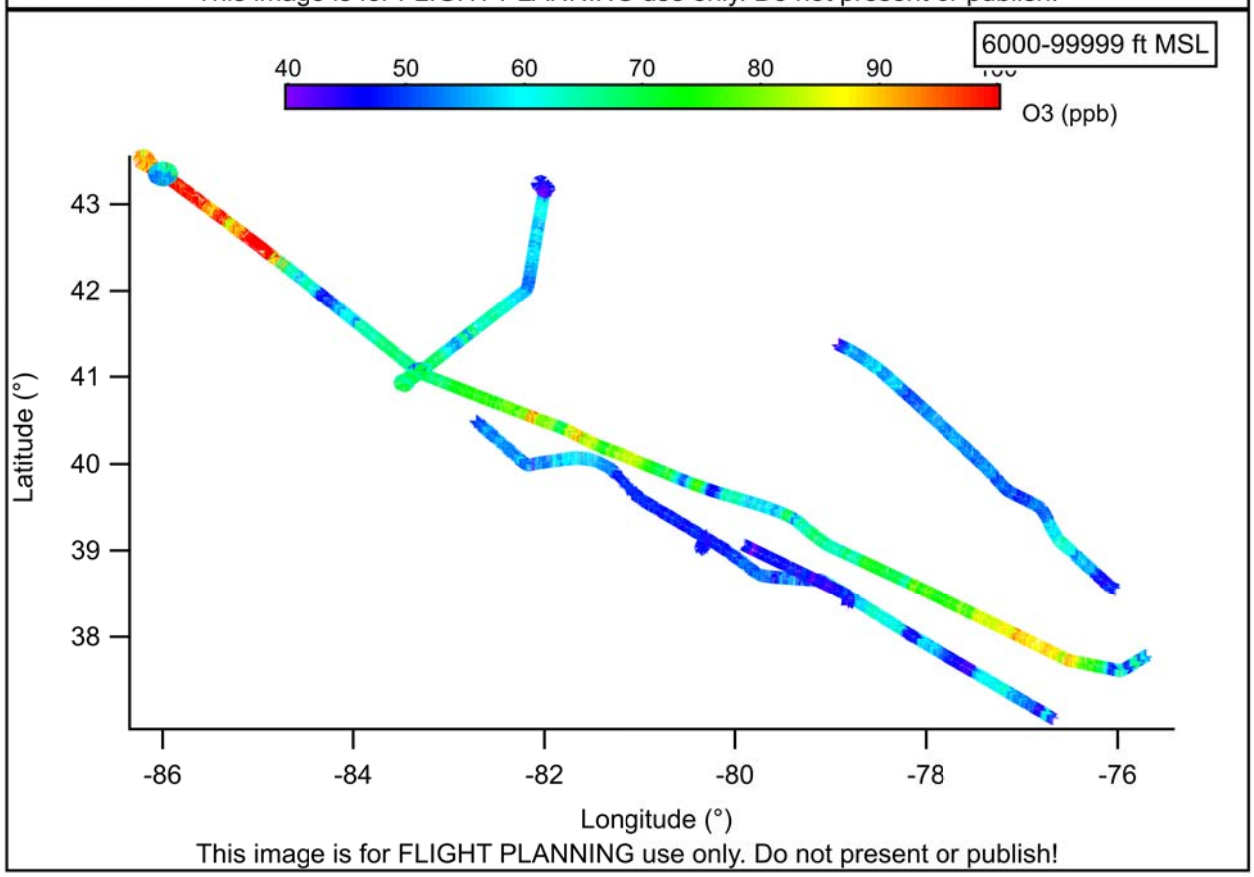

6000-99999 ft MSL
395
400
405
410
415
CO2 (ppm)
43
42
41
40
39
38
Latitude (°)
-86
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

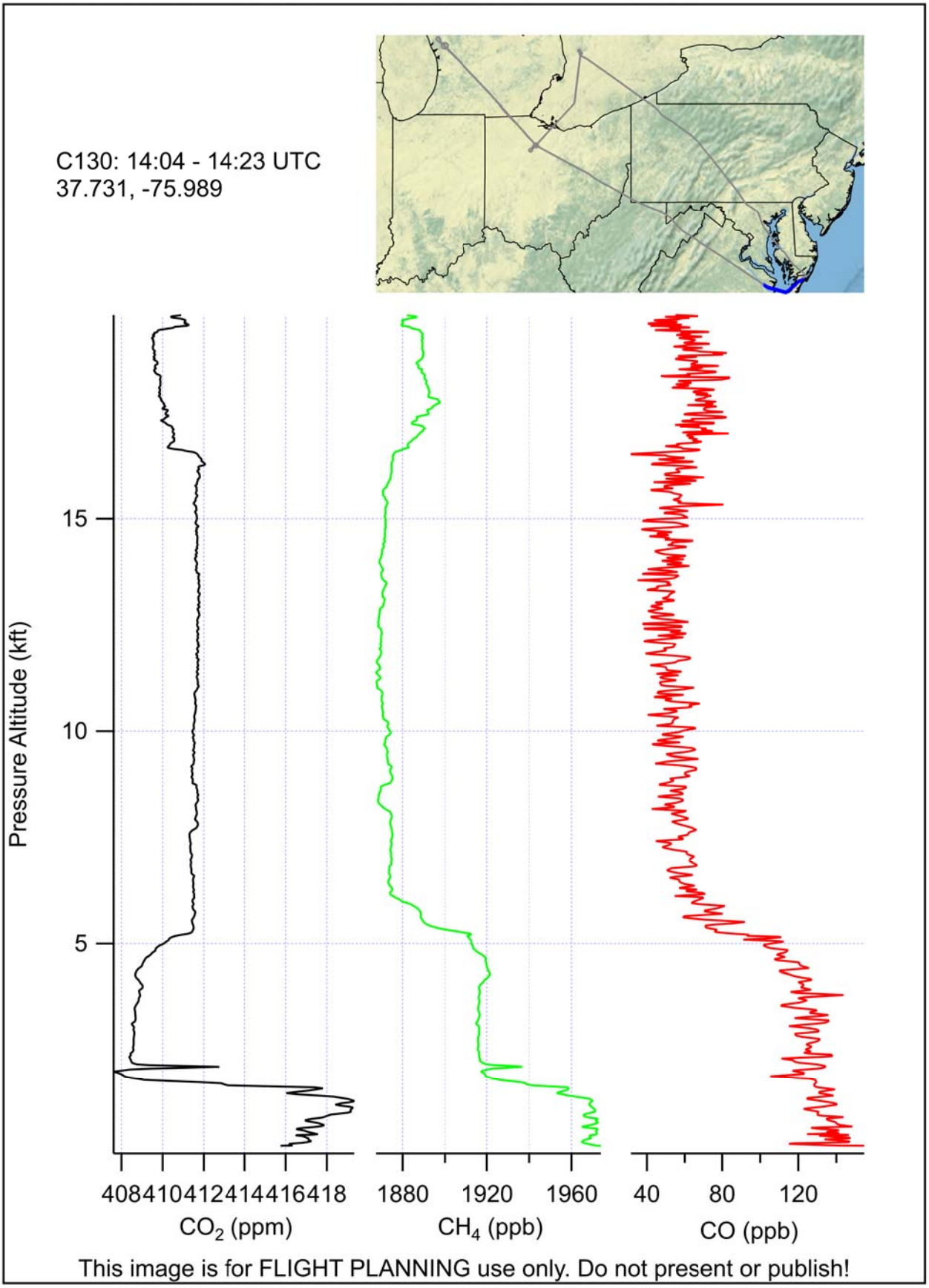

6000-99999 ft MSL
1.85
1.90
1.95
2.00
CH4 (ppm)
43
42
41
40
39
38
Latitude (°)
-86
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

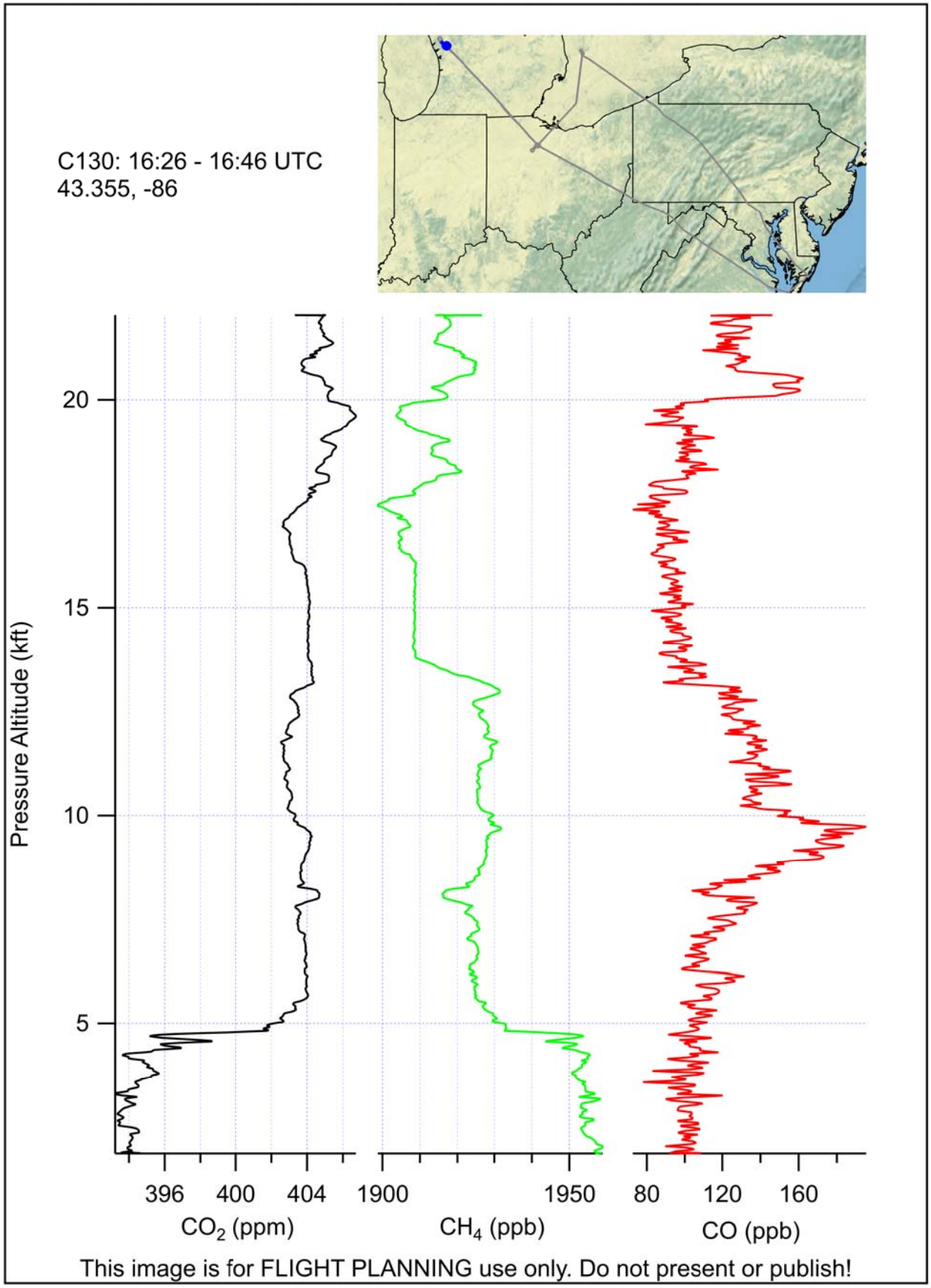

6000-99999 ft MSL
0.06
0.08
0.10
0.12
0.14
CO (ppm)
43
42
41
40
39
38
Latitude (°)
-86
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

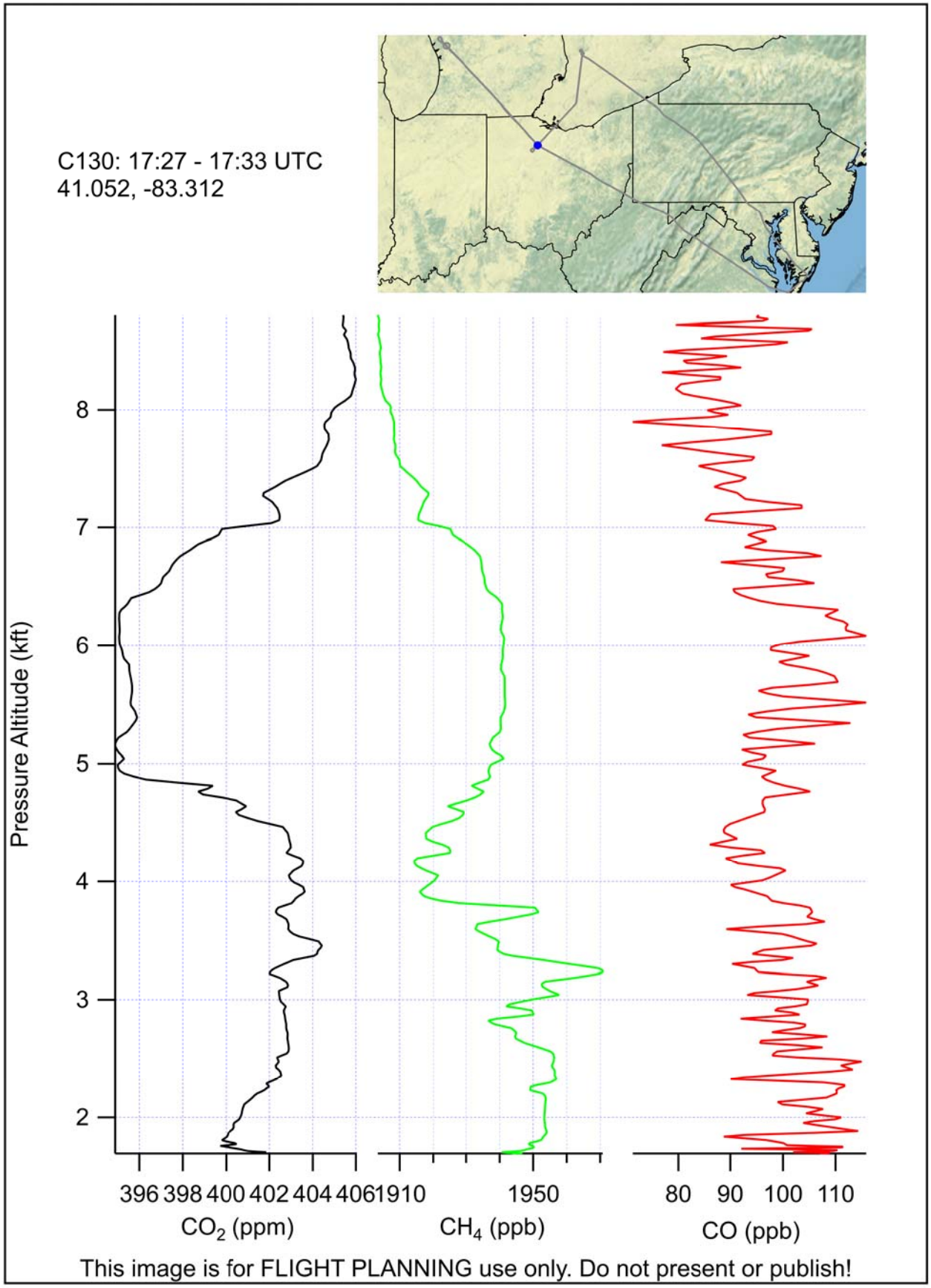

6000-99999 ft MSL
0
5
10
15
H2O_gkg (g/kg)
43
42
41
40
39
38
Latitude (°)
-86
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

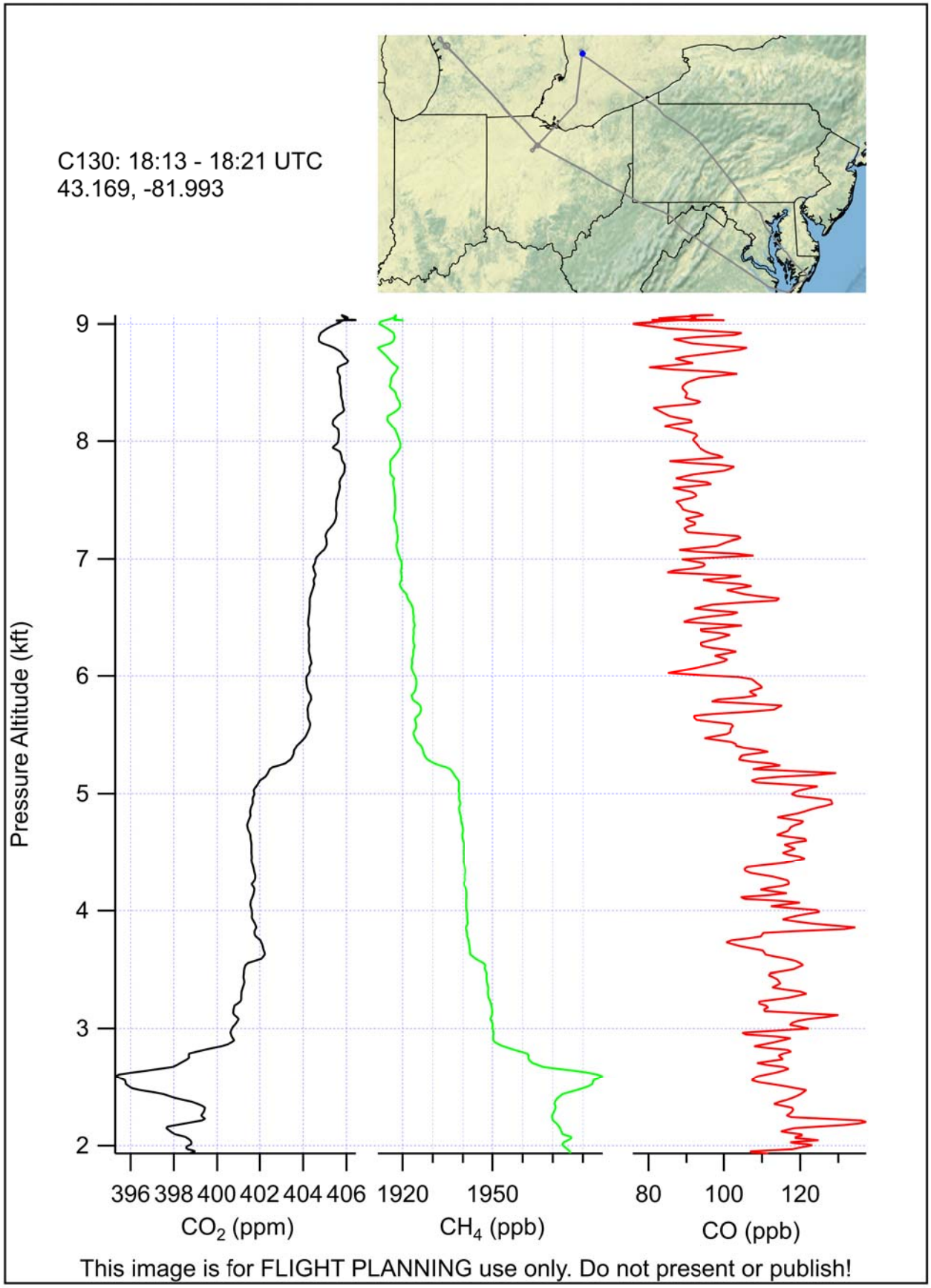

6000-99999 ft MSL
-30
-20
-10
0
10
20
DP (°C)
43
42
41
40
39
38
Latitude (°)
-86
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

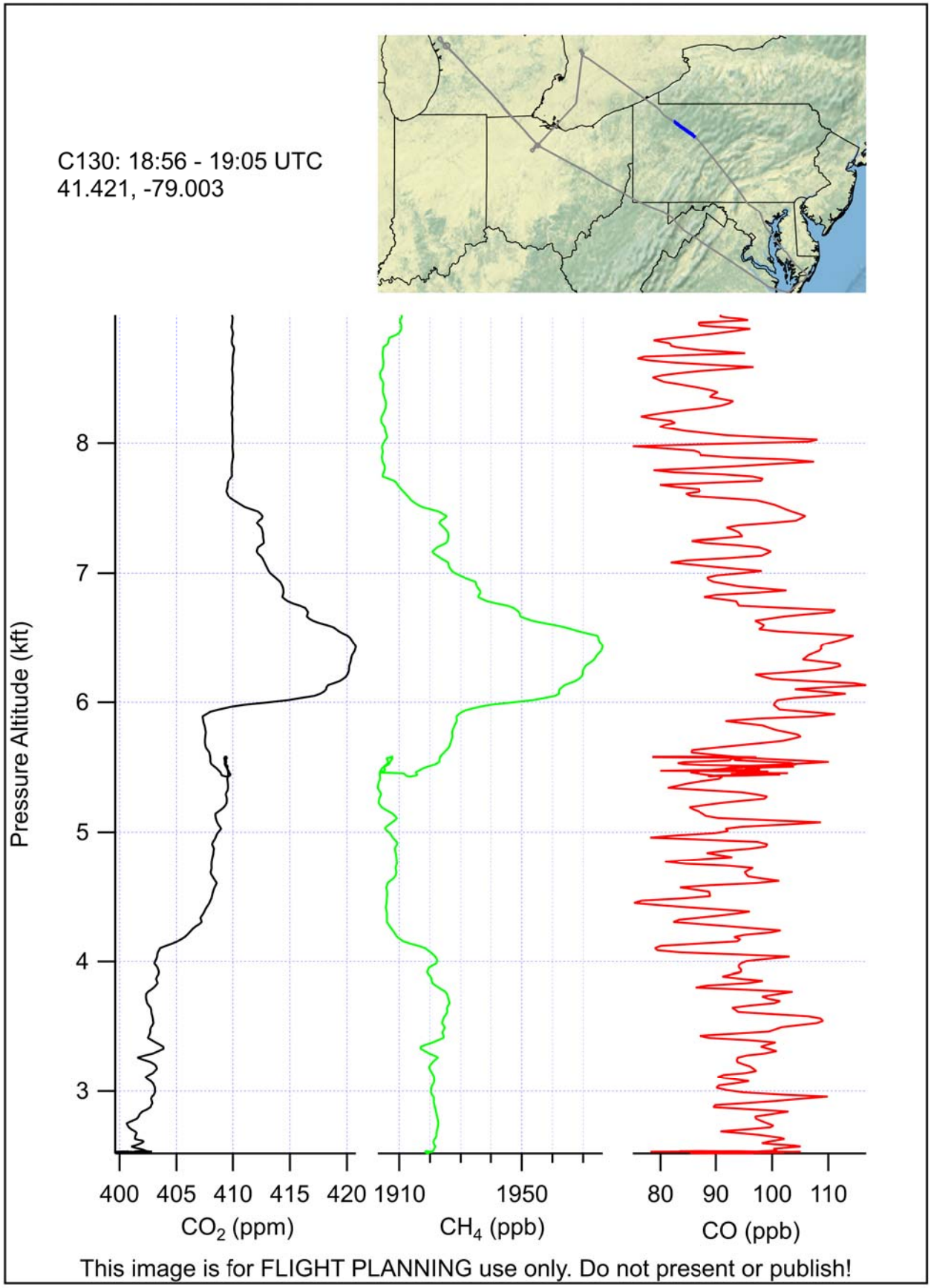

6000-99999 ft MSL
40
50
60
70
80
90
O3 (ppb)
43
42
41
40
39
38
Latitude (°)
-86
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

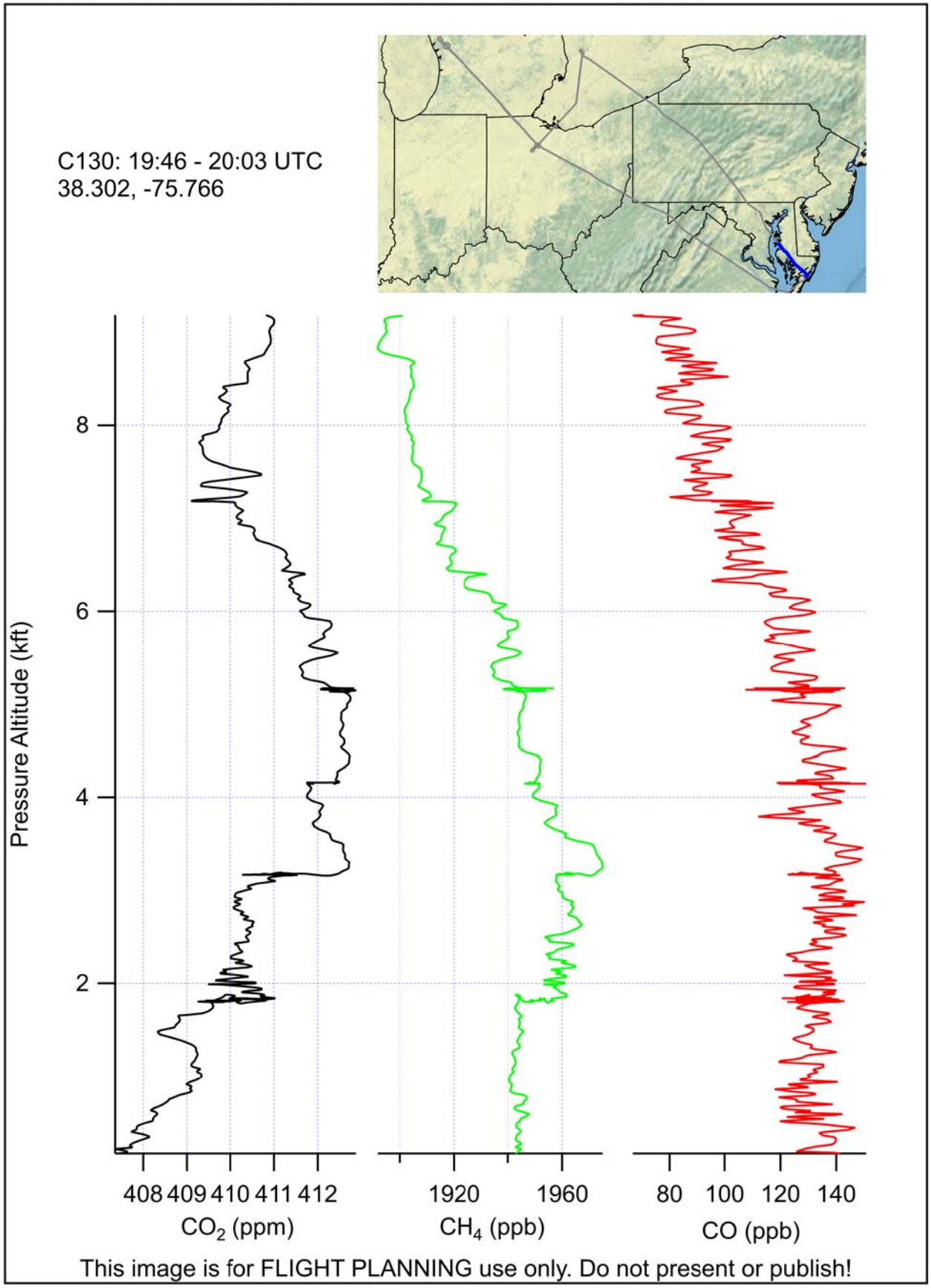

C130: 14:04 - 14:23 UTC
37.731, -75.989
Pressure Altitude (kft)
15
10
5
408410412414416418
CO_2 (ppm)
1880 1920 1960
CH_4 (ppb)
40 80 120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

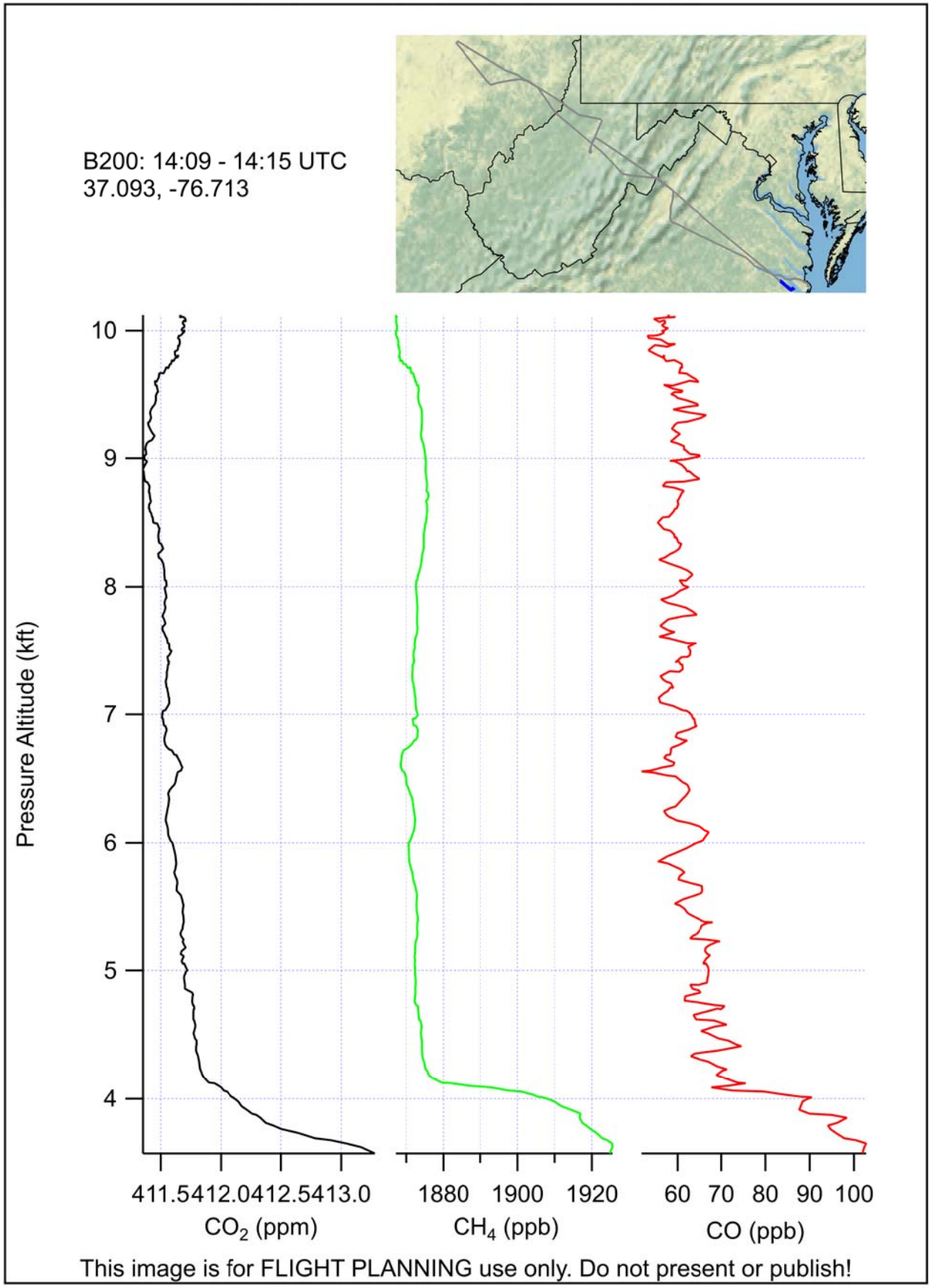

C130: 16:26 - 16:46 UTC
43.355, -86
Pressure Altitude (kft)
20
15
10
5
396
400
404
CO2 (ppm)
1900
1950
CH4 (ppb)
80
120
160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

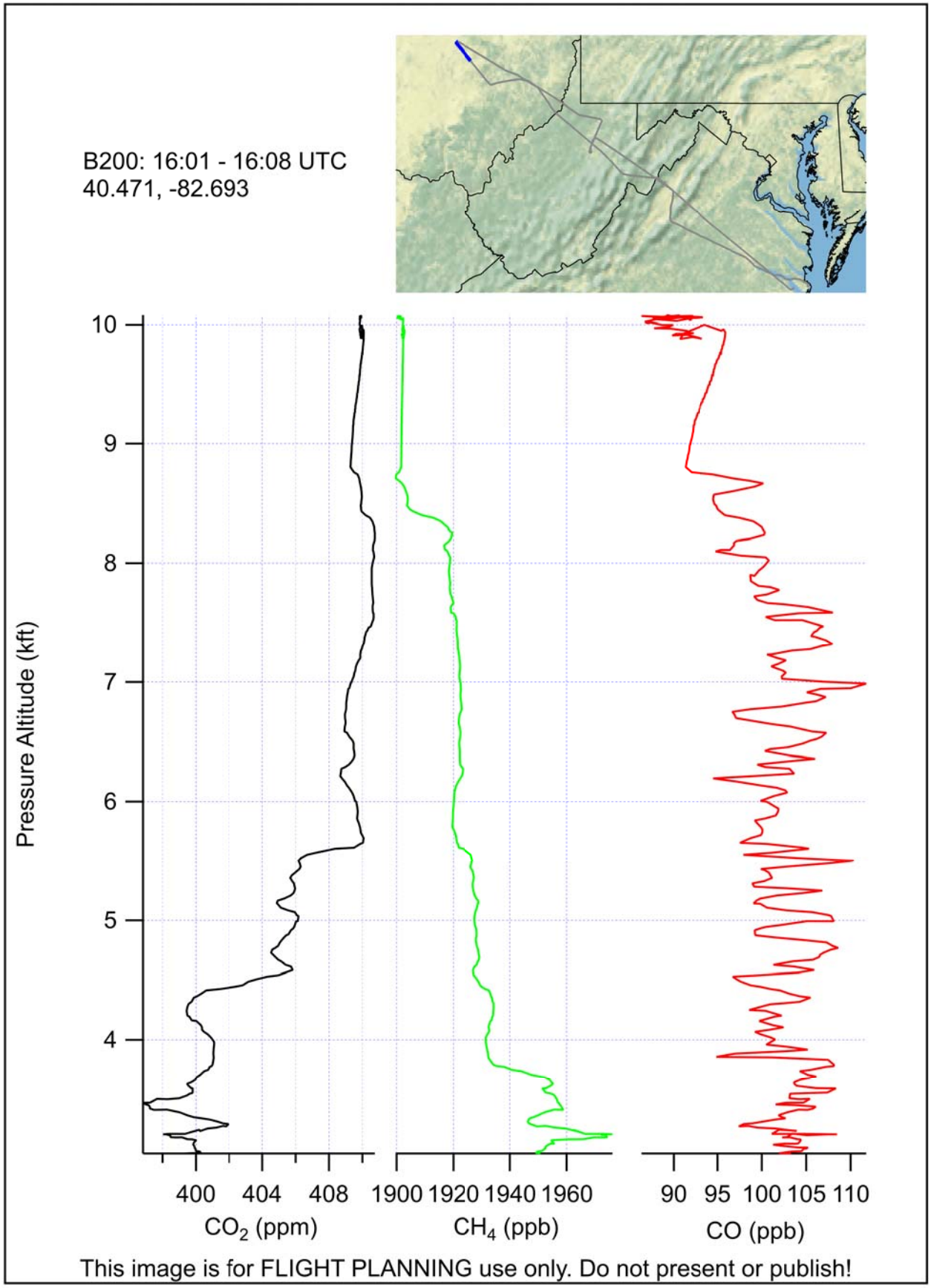

C130: 17:27 - 17:33 UTC
41.052, -83.312
Pressure Altitude (kft)
8
7
6
5
4
3
2
396 398 400 402 404 406
CO2 (ppm)
1910 1950
CH4 (ppb)
80 90 100 110
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

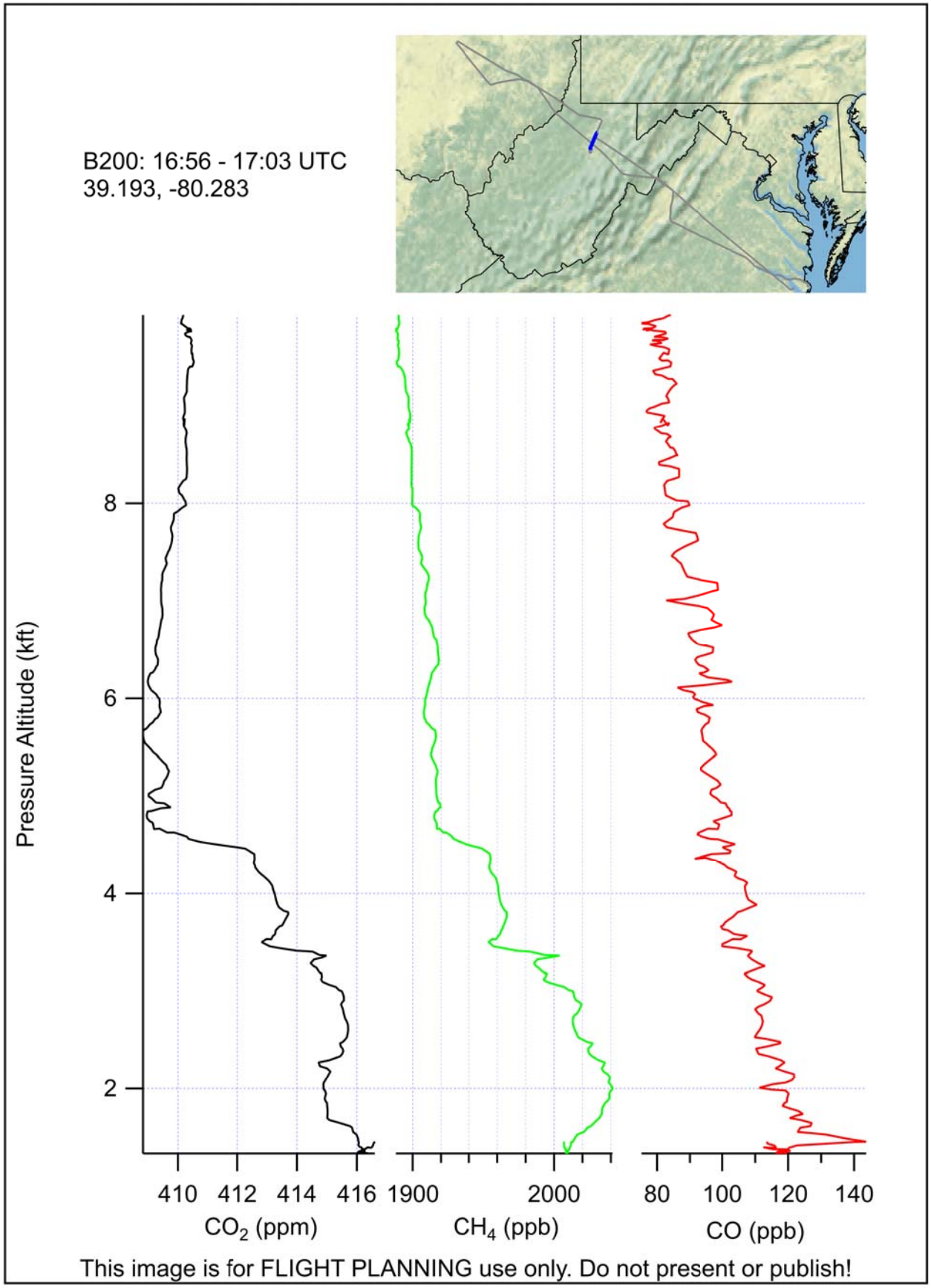

C130: 18:13 - 18:21 UTC
43.169, -81.993
Pressure Altitude (kft)
9
8
7
6
5
4
3
2
396 398 400 402 404 406
CO2 (ppm)
1920 1950
CH4 (ppb)
80 100 120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

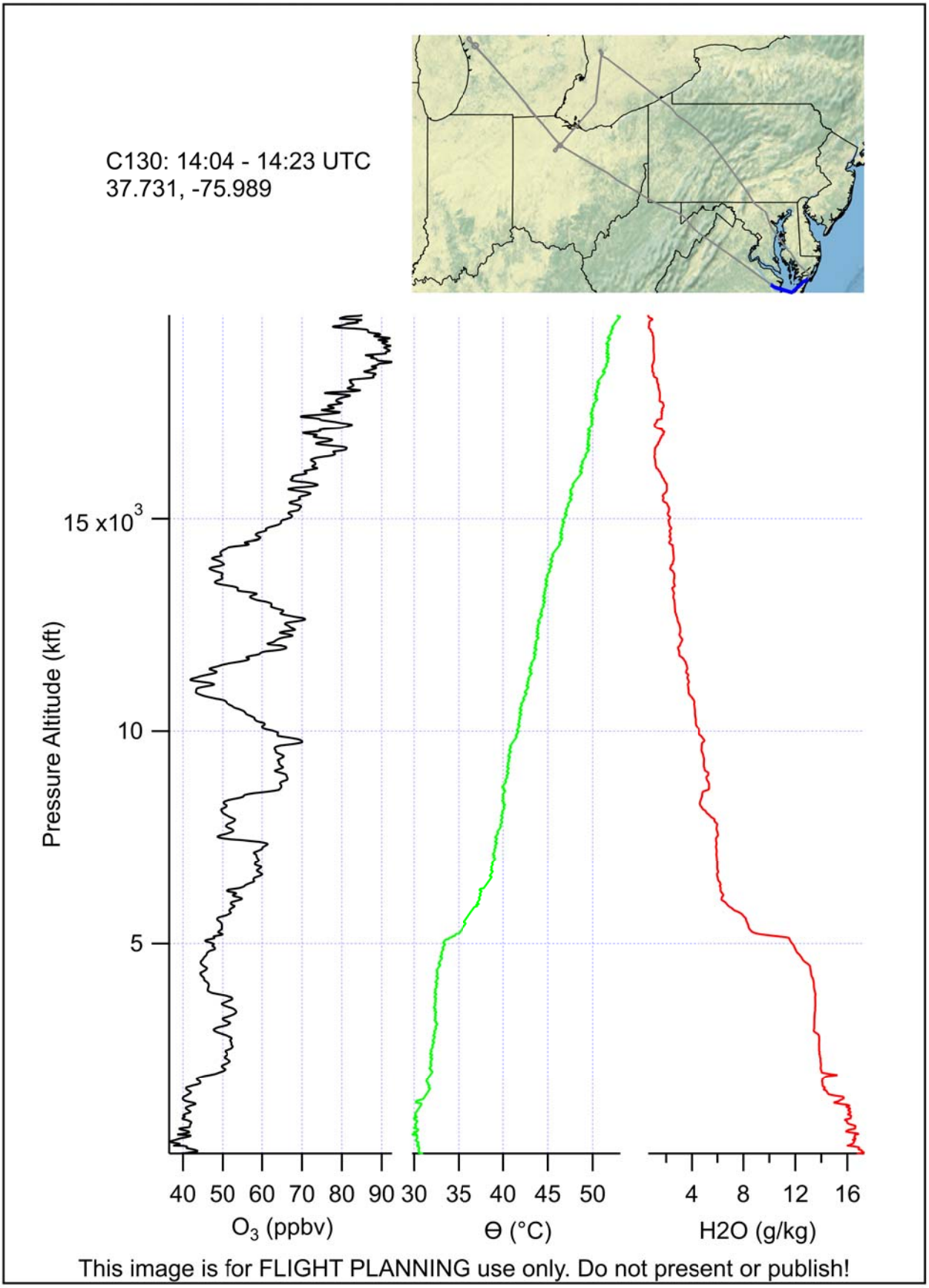

C130: 18:56 - 19:05 UTC
41.421, -79.003
Pressure Altitude (kft)
8
7
6
5
4
3
400 405 410 415 420
CO2 (ppm)
1910 1950
CH4 (ppb)
80 90 100 110
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

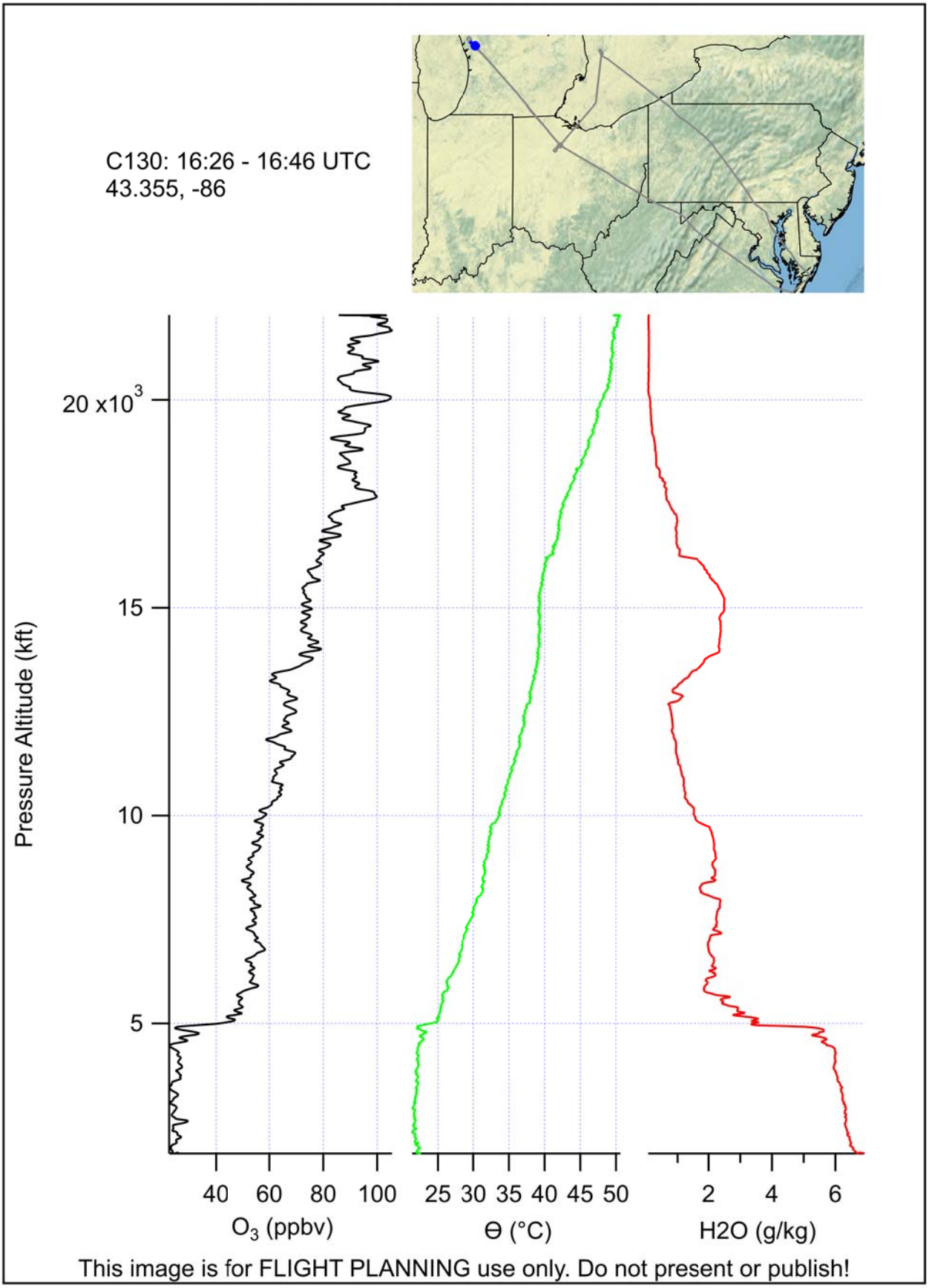

C130: 19:46 - 20:03 UTC
38.302, -75.766
Pressure Altitude (kft)
8
6
4
2
408 409 410 411 412
CO2 (ppm)
1920 1960
CH4 (ppb)
80 100 120 140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 14:09 - 14:15 UTC
37.093, -76.713
Pressure Altitude (kft)
10
9
8
7
6
5
4
411.5
412.0
412.5
413.0
CO2 (ppm)
1880
1900
1920
CH4 (ppb)
60
70
80
90
100
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 16:01 - 16:08 UTC
40.471, -82.693
Pressure Altitude (kft)
10
9
8
7
6
5
4
400 404 408
CO2 (ppm)
1900 1920 1940 1960
CH4 (ppb)
90 95 100 105 110
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 16:56 - 17:03 UTC
39.193, -80.283
Pressure Altitude (kft)
8
6
4
2
410 412 414 416
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: 14:04 - 14:23 UTC
37.731, -75.989
Pressure Altitude (kft)
15 x10^3
10
5
40 50 60 70 80 90
O3 (ppbv)
30 35 40 45 50
Θ (°C)
4 8 12 16
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:26 - 16:46 UTC
43.355, -86
Pressure Altitude (kft)
20 x10^3
15
10
5
40 60 80 100
O3 (ppbv)
25 30 35 40 45 50
Θ (°C)
2 4 6
H2O (g/kg)
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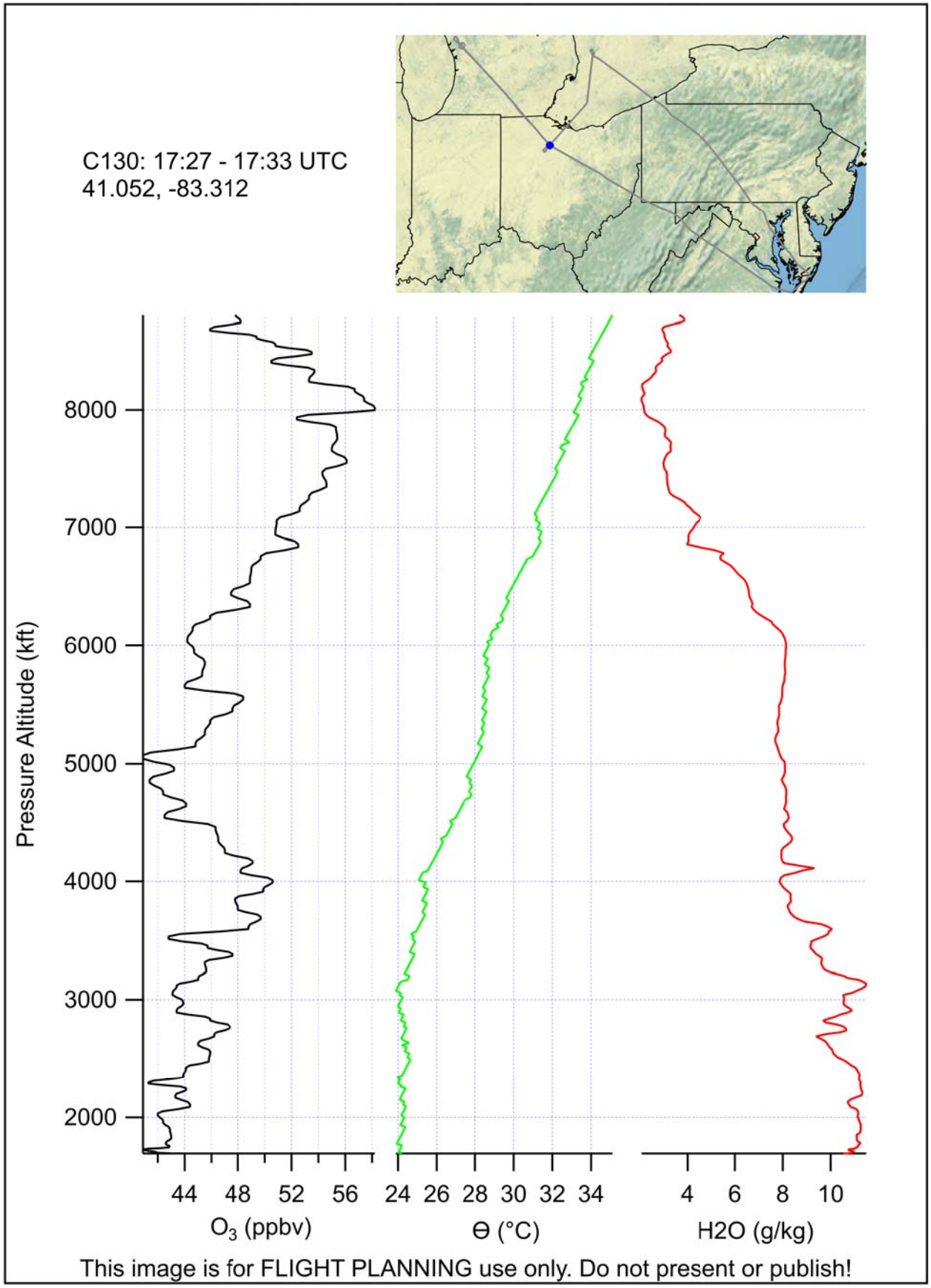
C130: 17:27 - 17:33 UTC
41.052, -83.312
Pressure Altitude (kft)
8000
7000
6000
5000
4000
3000
2000
44 48 52 56
O3 (ppbv)
24 26 28 30 32 34
Θ (°C)
4 6 8 10
H2O (g/kg)
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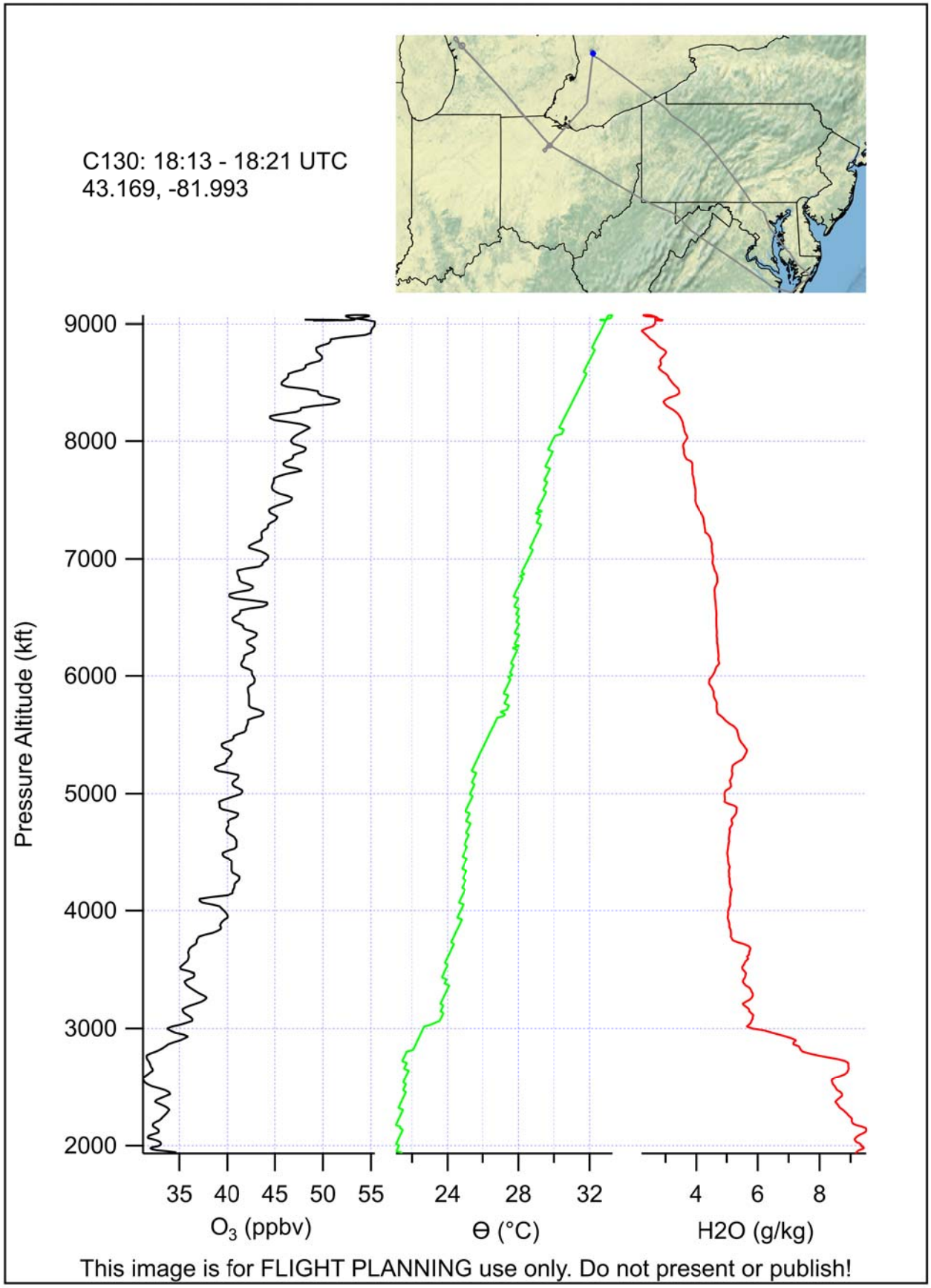
C130: 18:13 - 18:21 UTC
43.169, -81.993
Pressure Altitude (kft)
9000
8000
7000
6000
5000
4000
3000
2000
35 40 45 50 55
O3 (ppbv)
24 28 32
Θ (°C)
4 6 8
H2O (g/kg)
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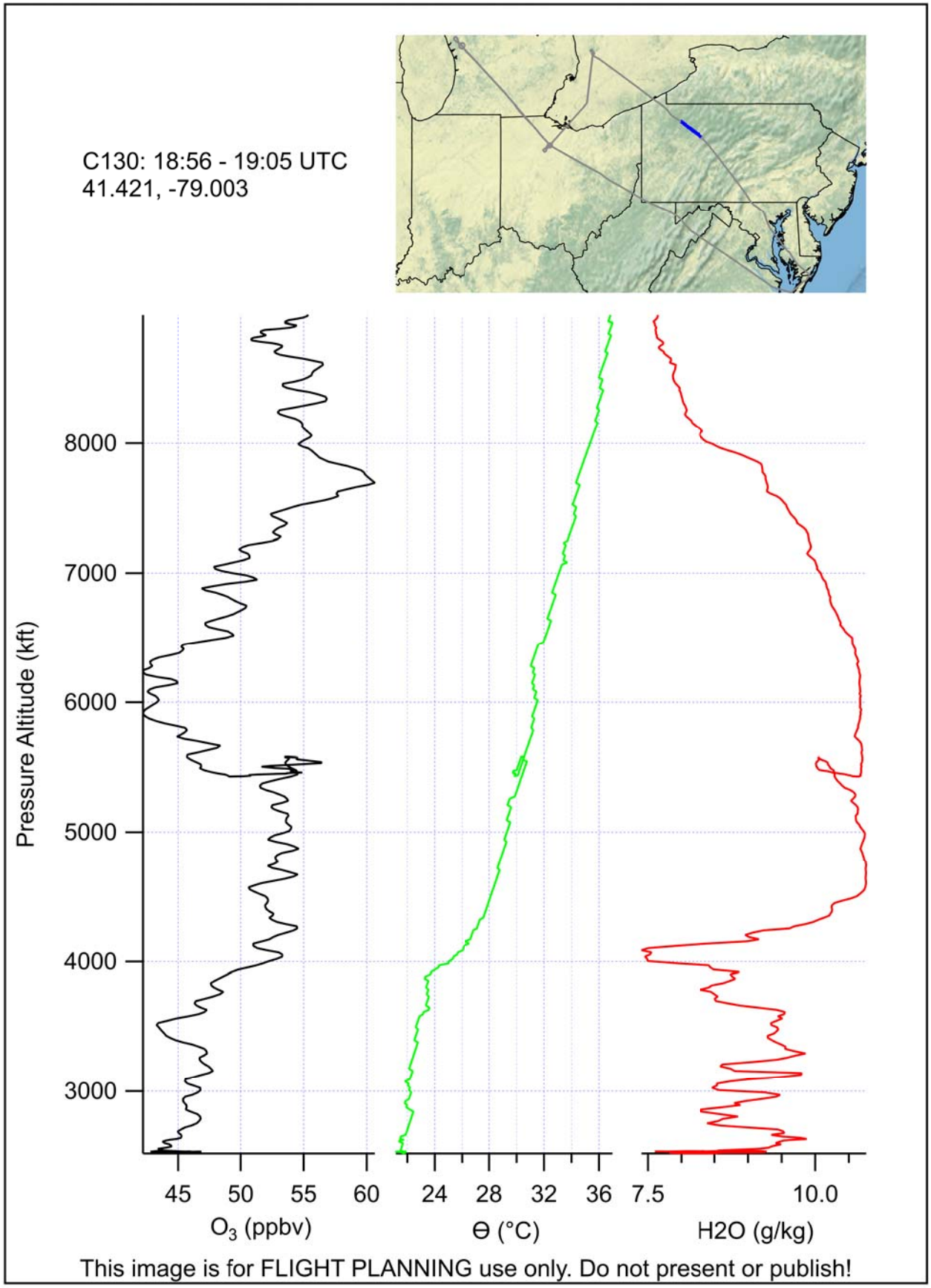
C130: 18:56 - 19:05 UTC
41.421, -79.003
Pressure Altitude (kft)
8000
7000
6000
5000
4000
3000
45
50
55
60
O3 (ppbv)
24
28
32
36
Θ (°C)
7.5
10.0
H2O (g/kg)
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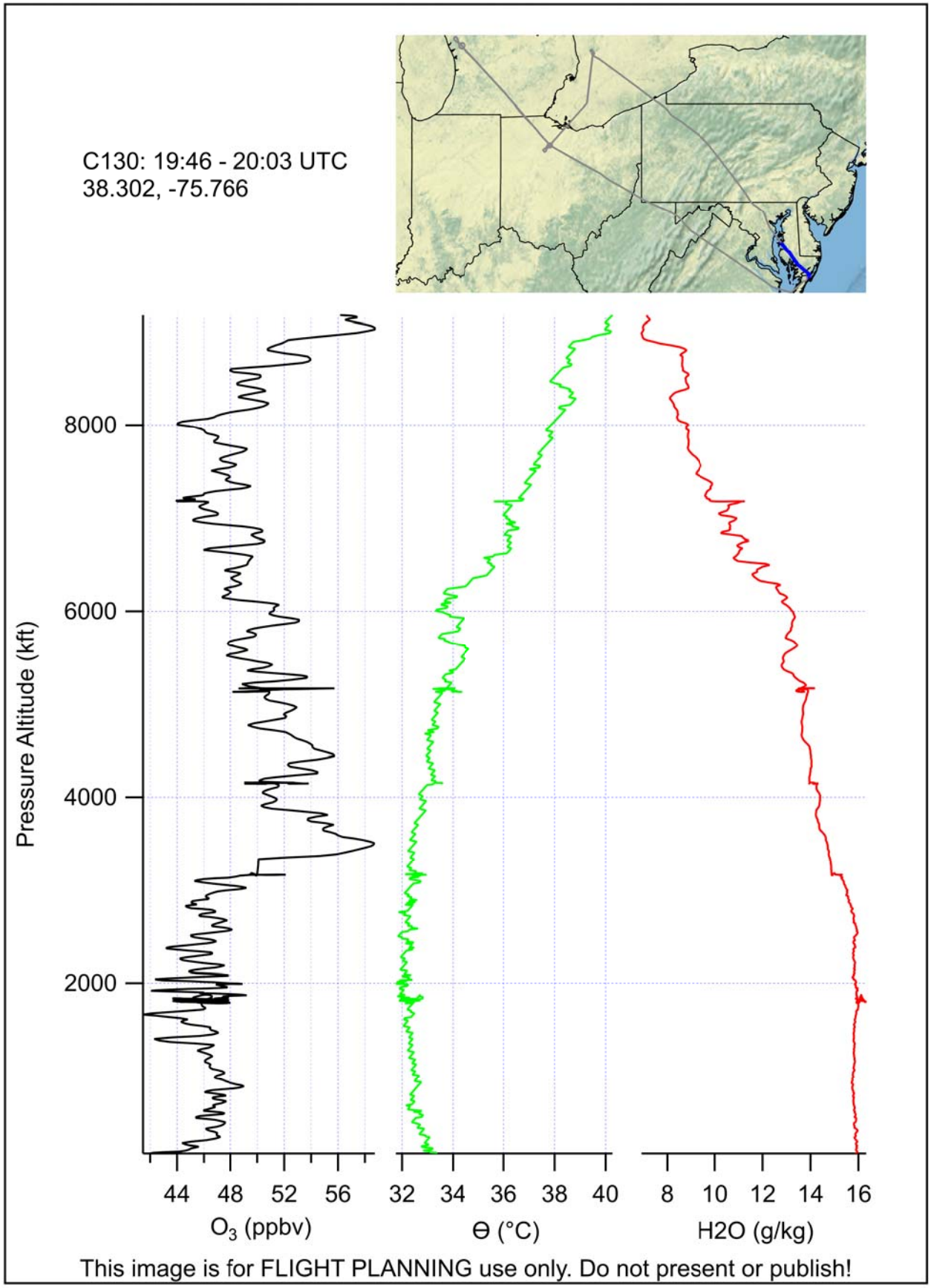
C130: 19:46 - 20:03 UTC
38.302, -75.766
Pressure Altitude (kft)
8000
6000
4000
2000
44 48 52 56
O3 (ppbv)
32 34 36 38 40
Θ (°C)
8 10 12 14 16
H2O (g/kg)
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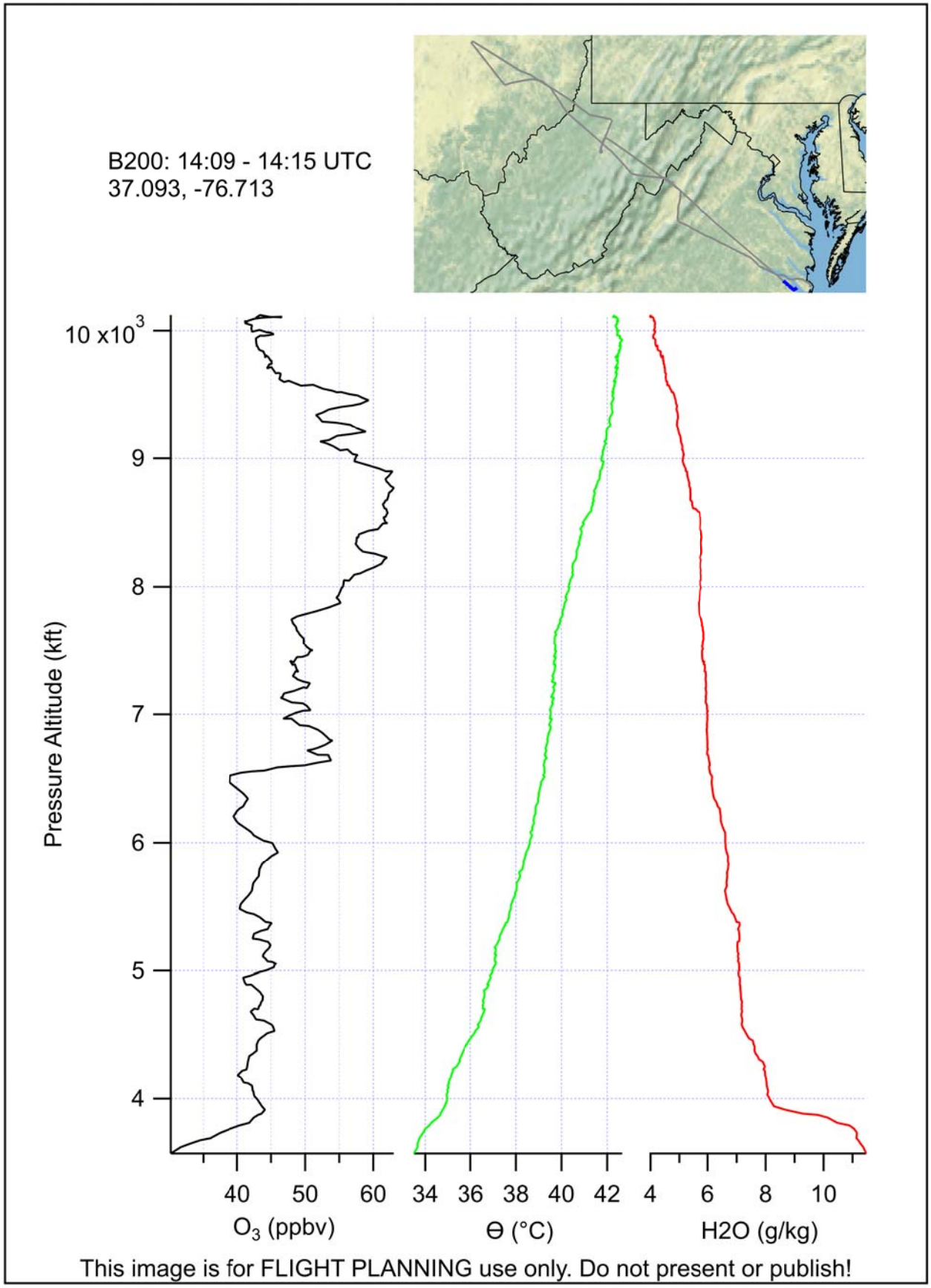
B200: 14:09 - 14:15 UTC
37.093, -76.713
10 x10^3
9
8
7
6
5
4
Pressure Altitude (kft)
40
50
60
O3 (ppbv)
34
36
38
40
42
Θ (°C)
4
6
8
10
H2O (g/kg)
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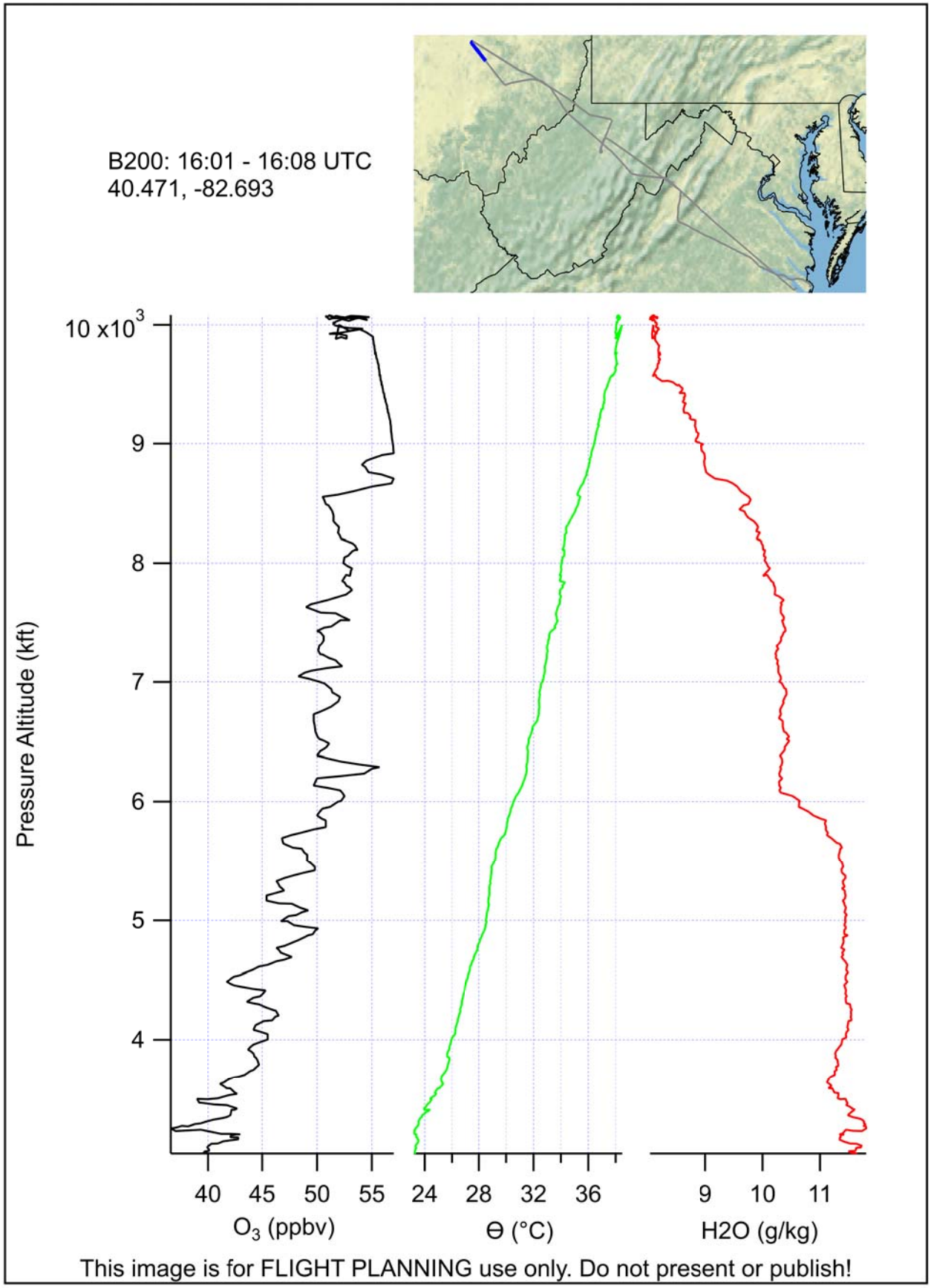
B200: 16:01 - 16:08 UTC
40.471, -82.693
10 x10^3
9
8
7
6
5
4
Pressure Altitude (kft)
40 45 50 55
O3 (ppbv)
24 28 32 36
Θ (°C)
9 10 11
H2O (g/kg)
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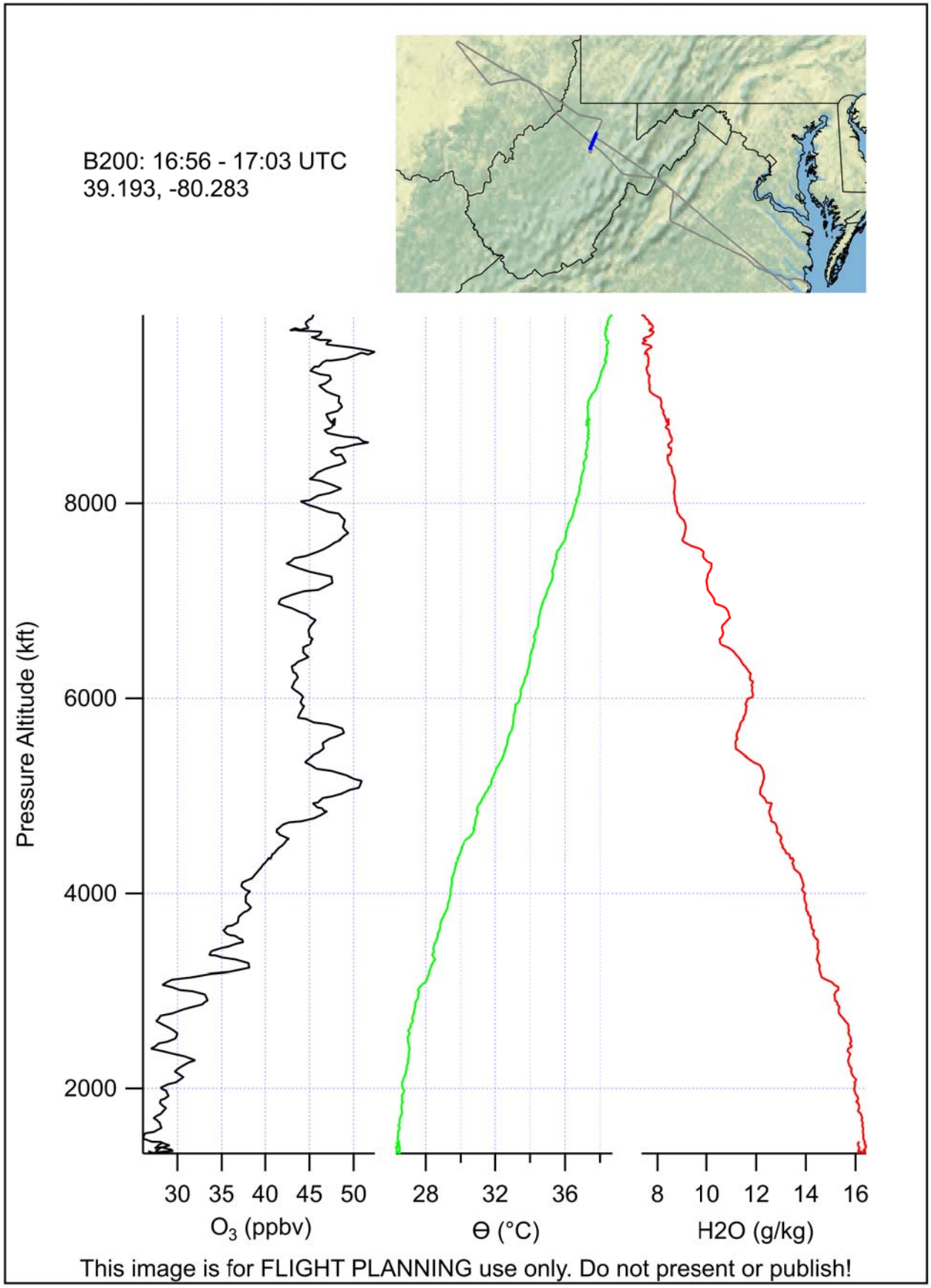
B200: 16:56 - 17:03 UTC
39.193, -80.283
Pressure Altitude (kft)
8000
6000
4000
2000
30 35 40 45 50
O3 (ppbv)
28 32 36
Θ (°C)
8 10 12 14 16
H2O (g/kg)
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