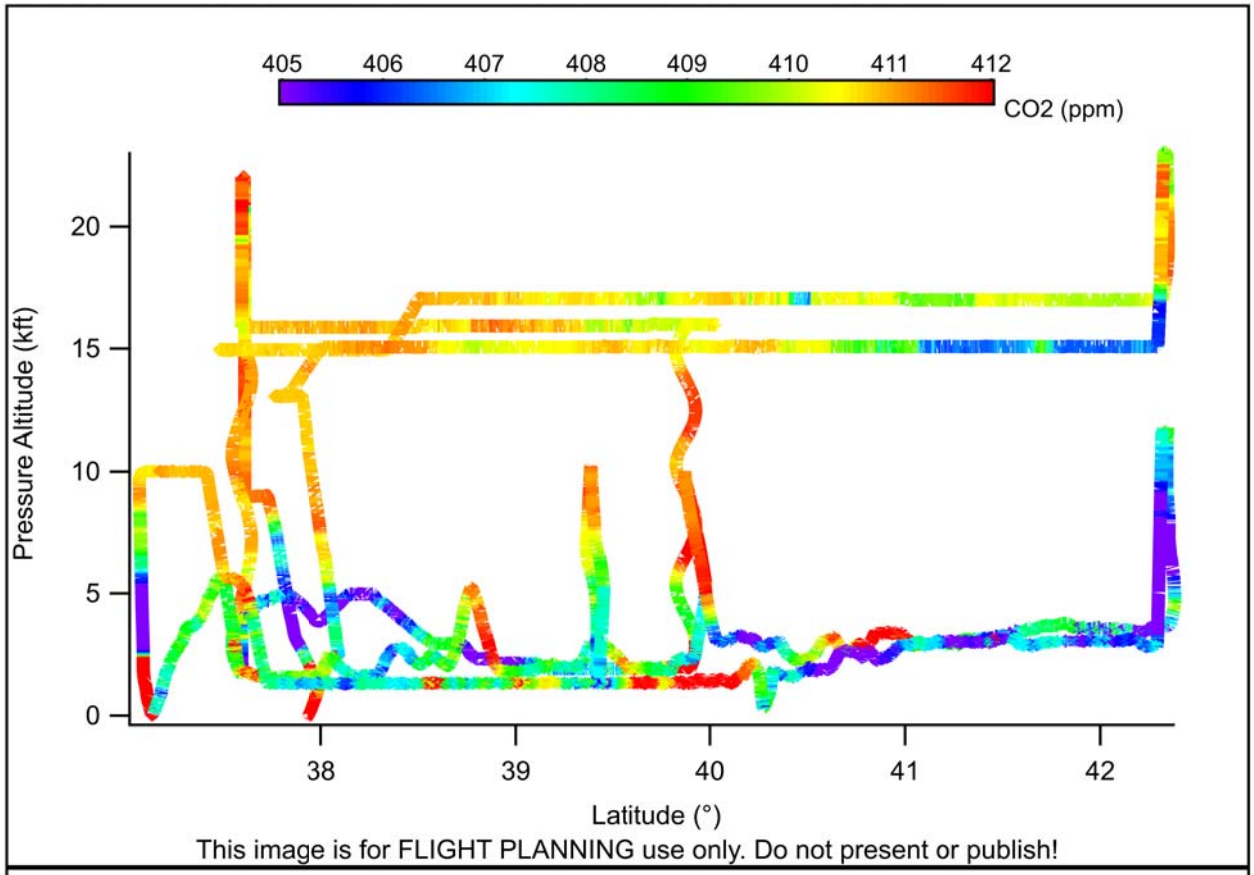
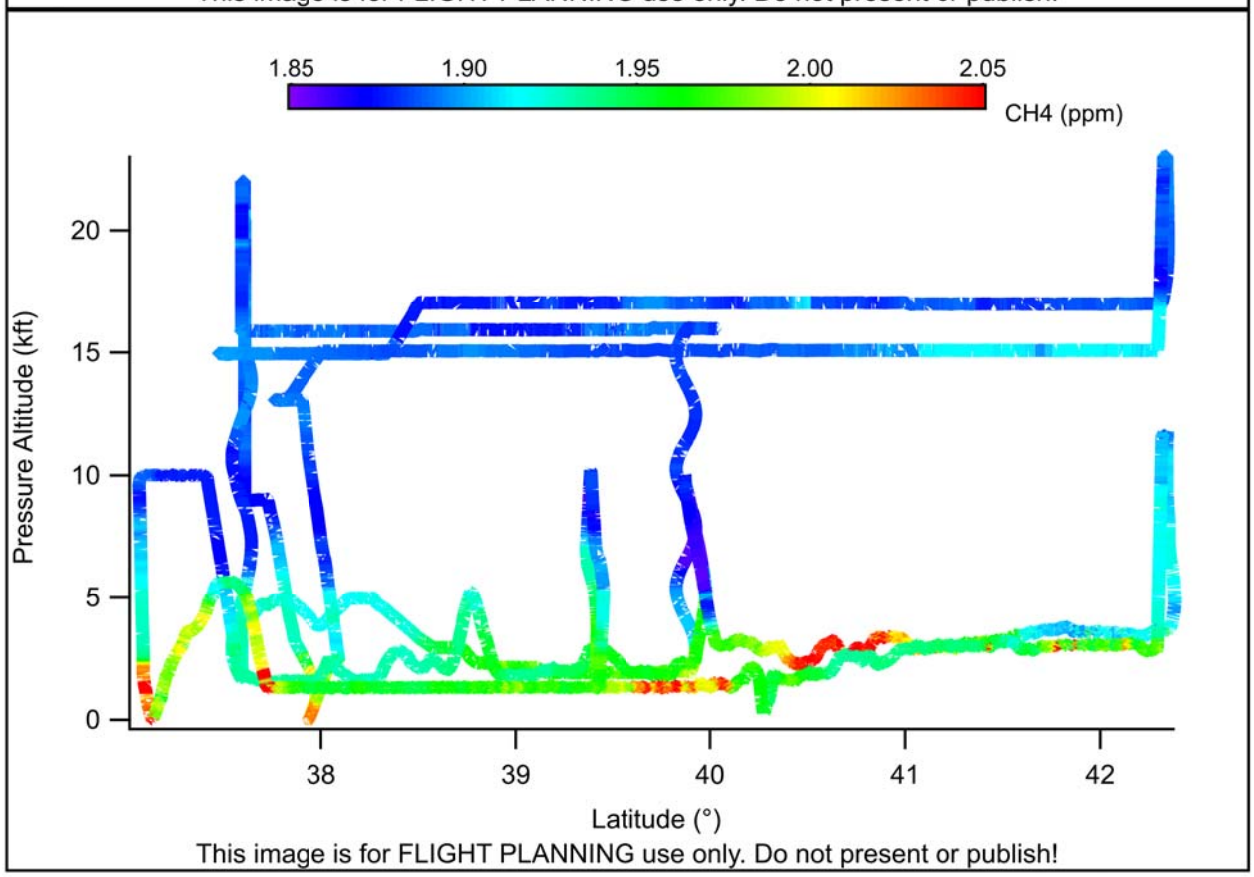
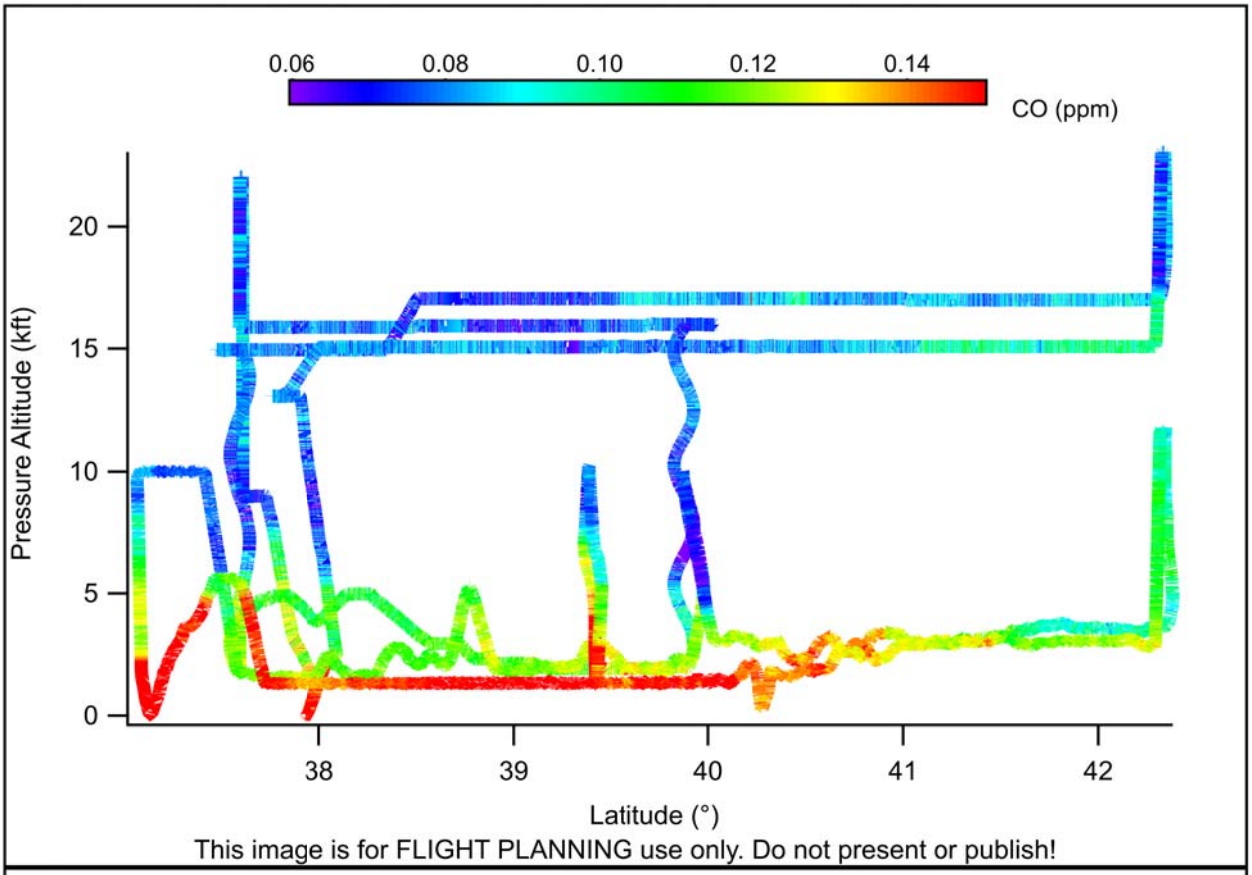
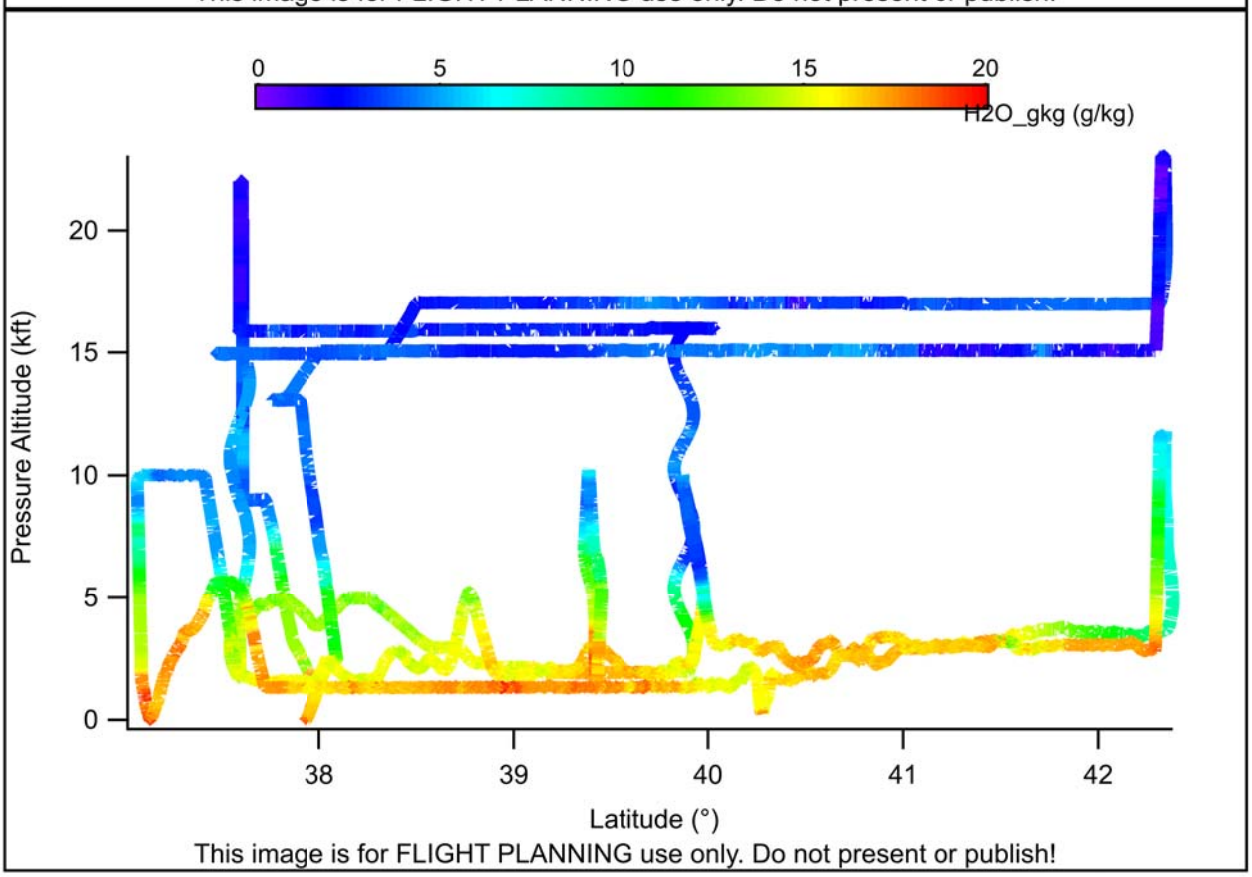
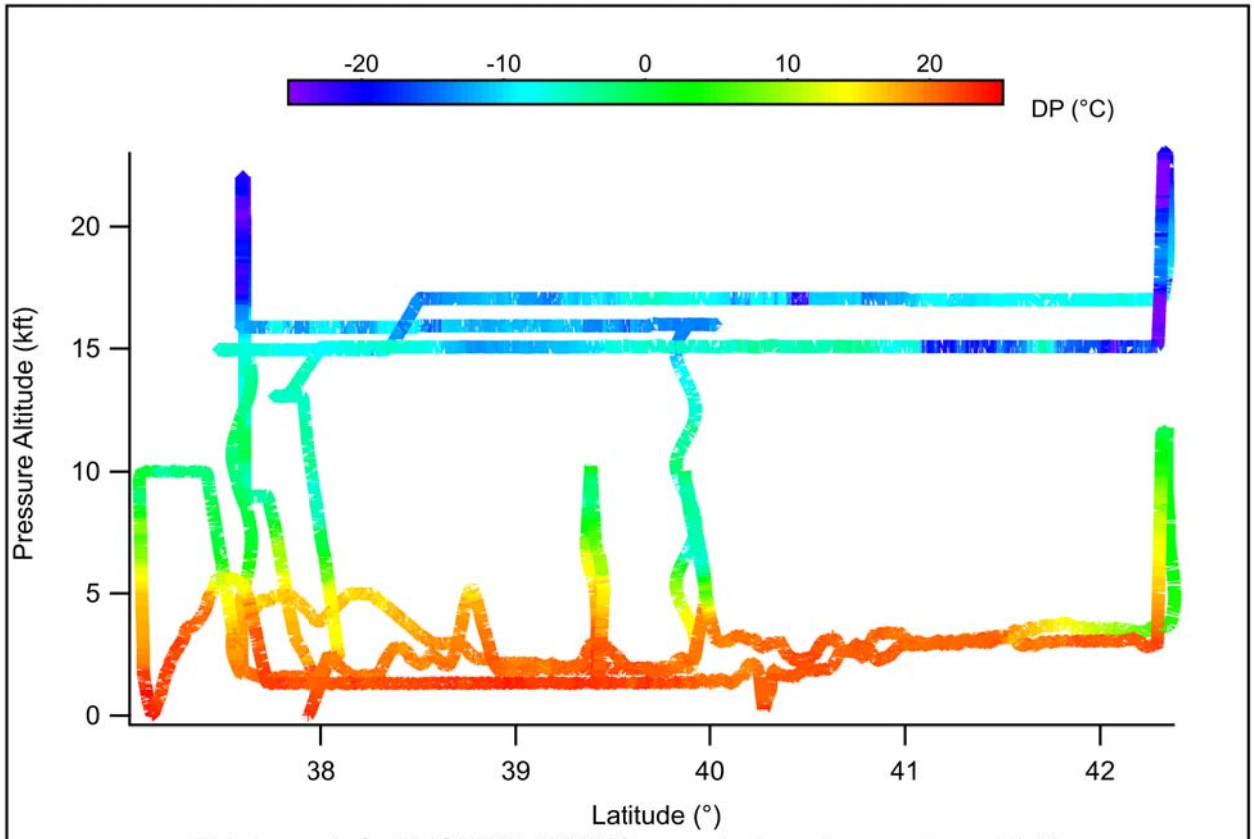
ACT-America 20190720


405
406
407
408
409
410
411
412
CO2 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

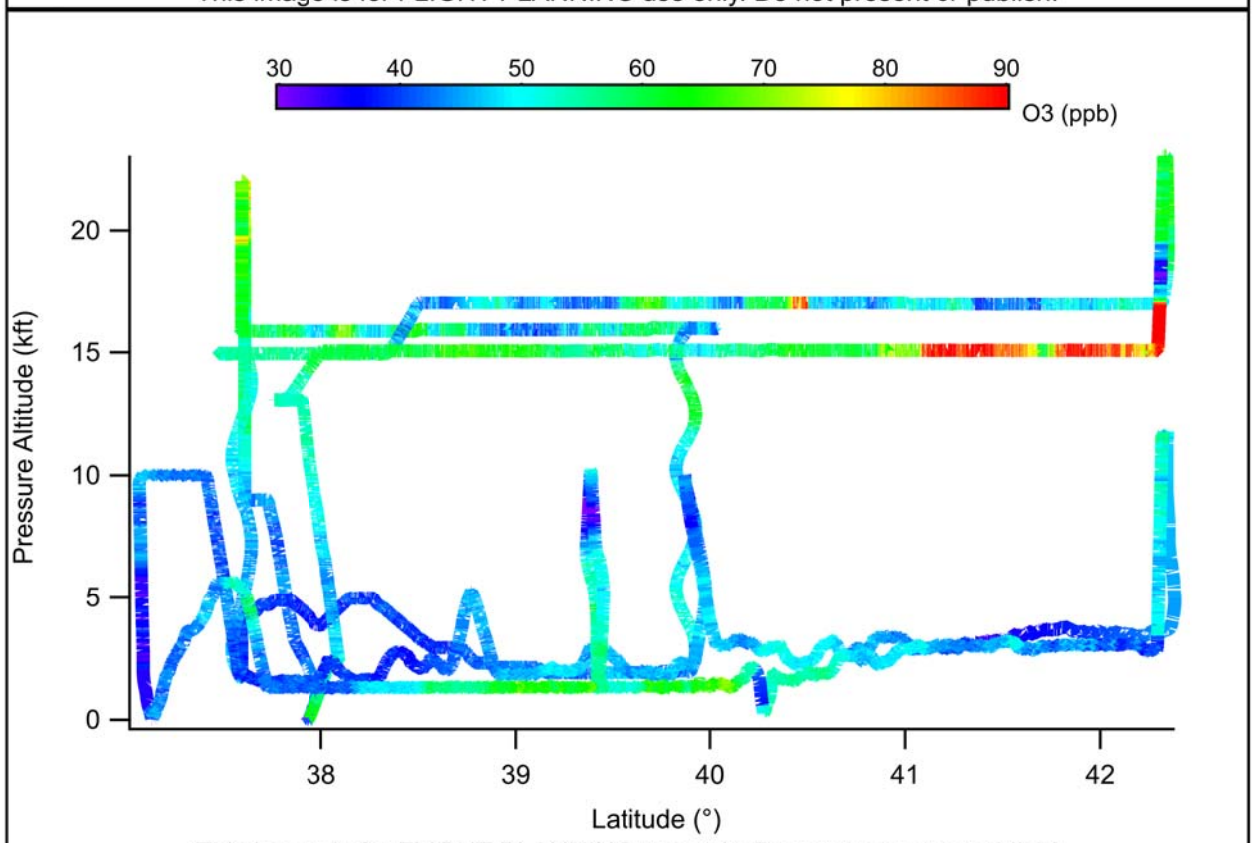

1.85
1.90
1.95
2.00
2.05
CH4 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0.06
0.08
0.10
0.12
0.14
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

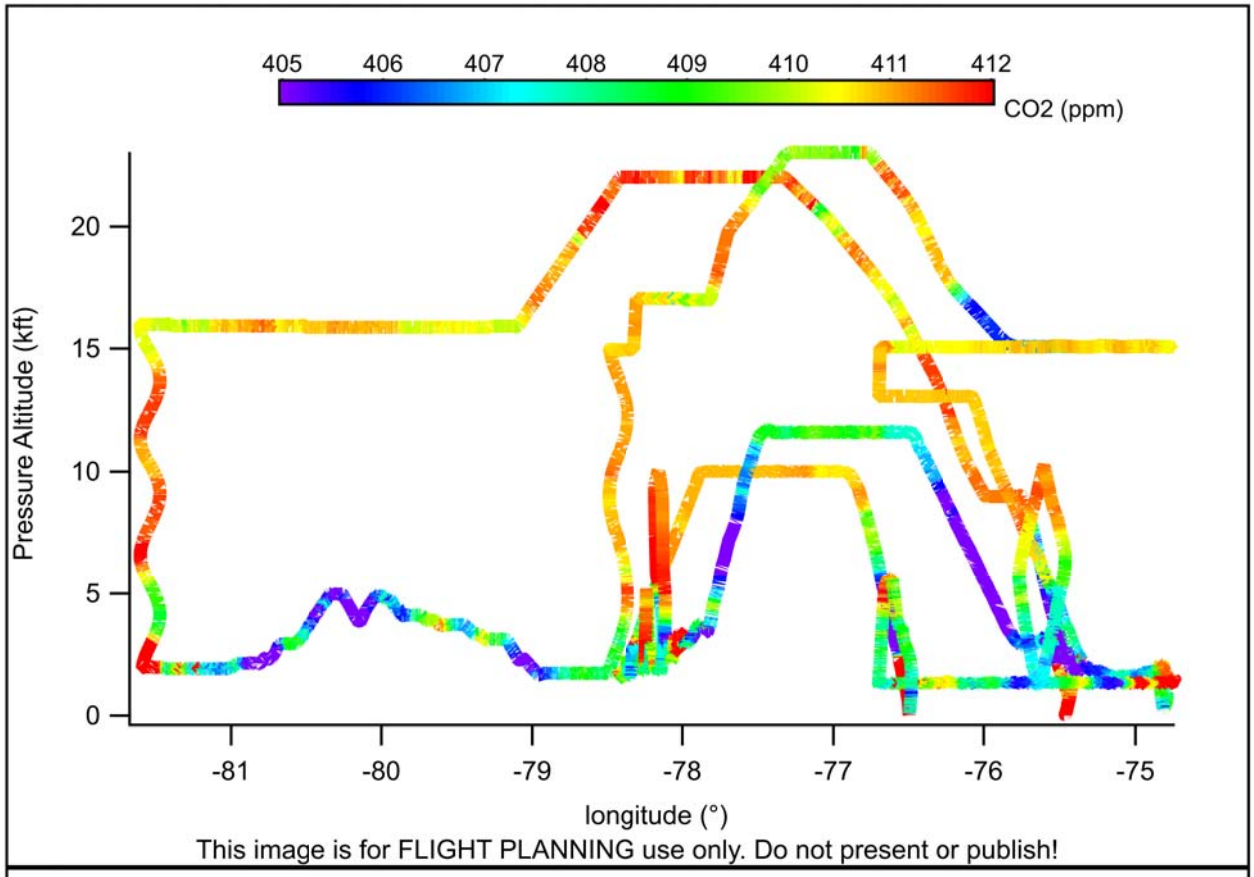

0
5
10
15
20
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

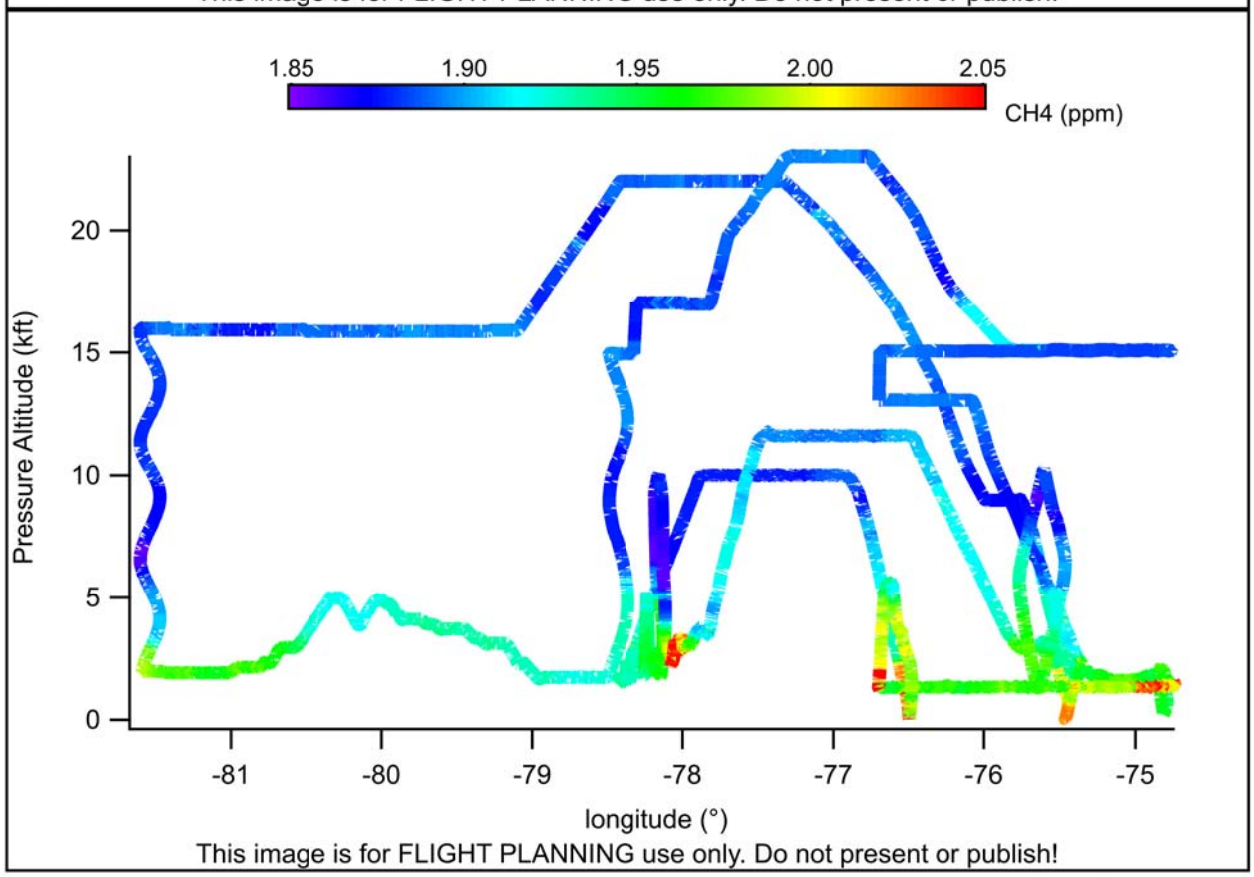


This image is for FLIGHT PLANNING use only. Do not present or publish!



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


405
406
407
408
409
410
411
412
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-81
-80
-79
-78
-77
-76
-75
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
-81
-80
-79
-78
-77
-76
-75
longitude (°)
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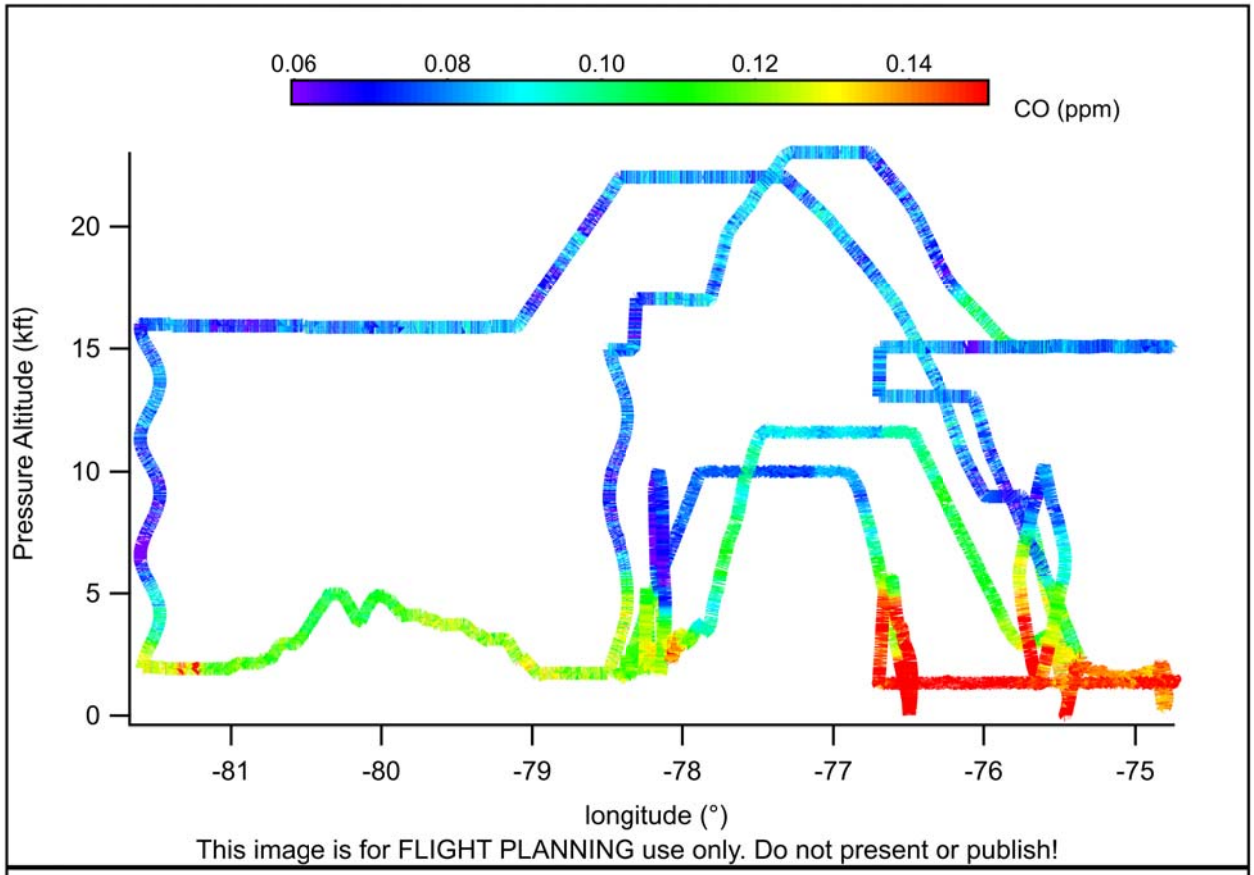
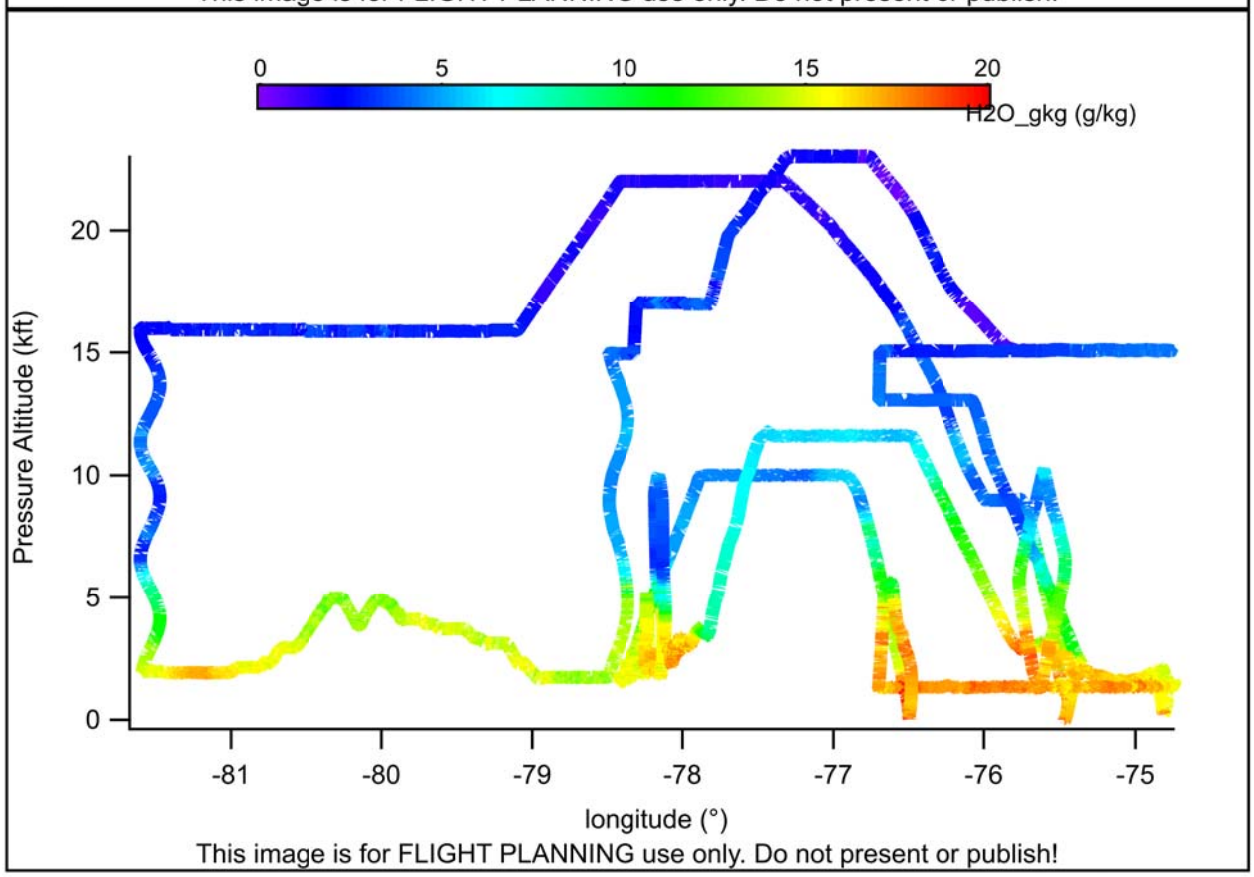
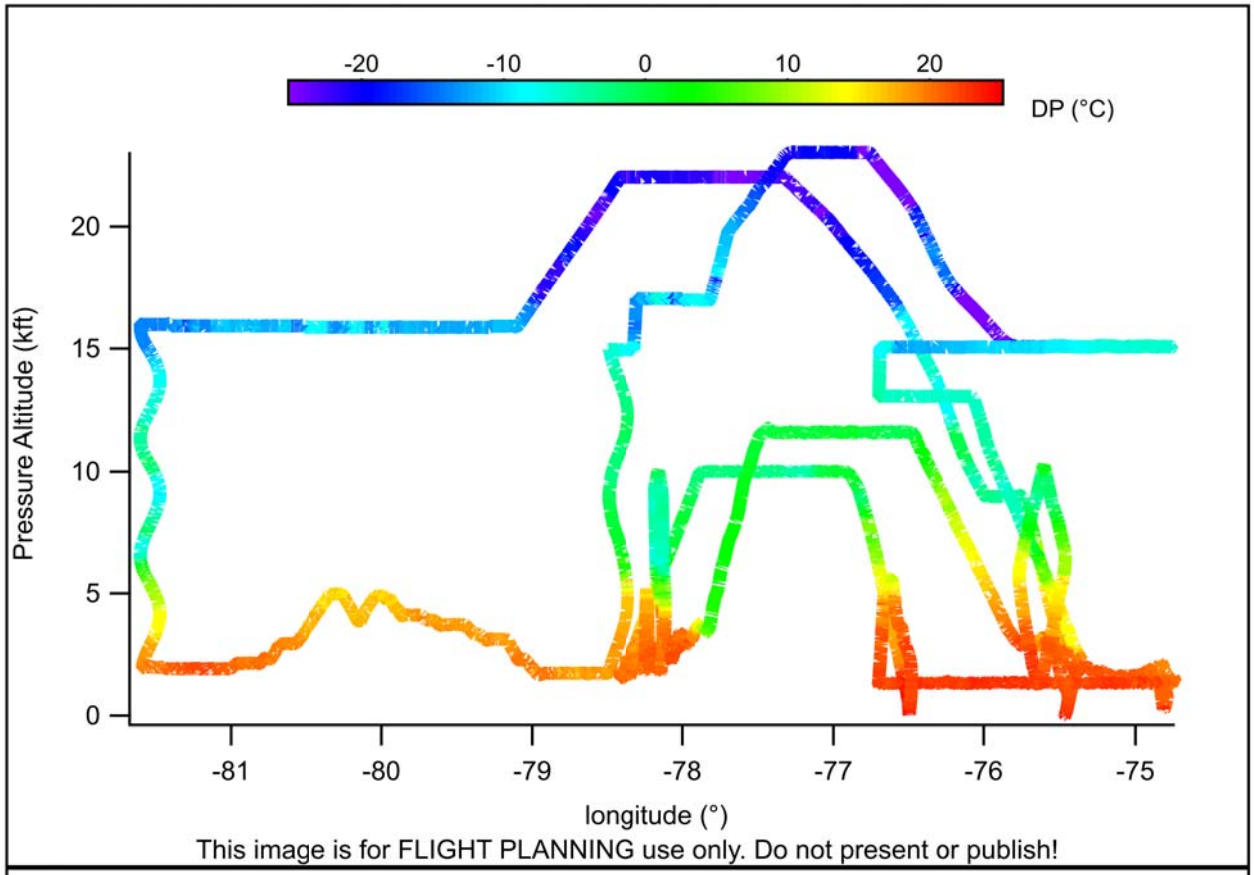
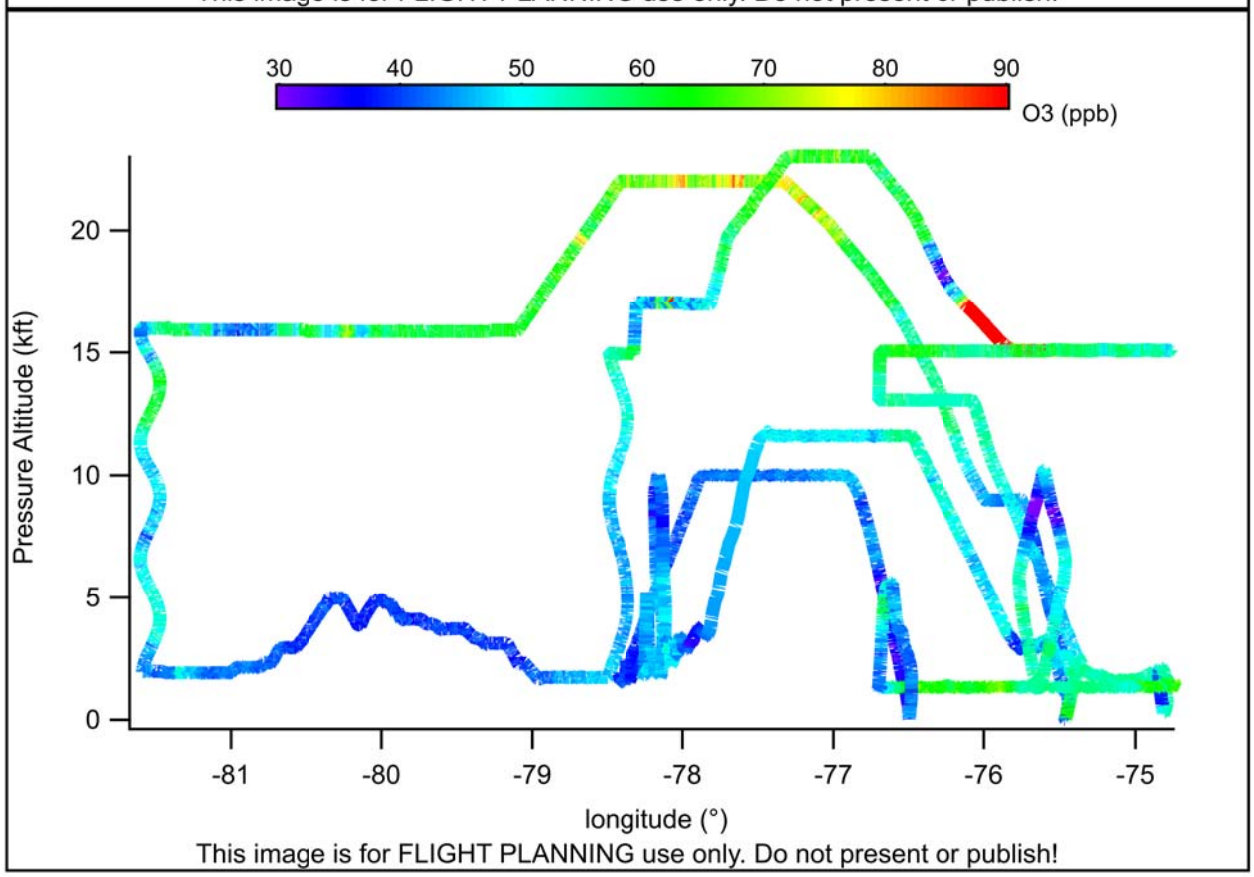
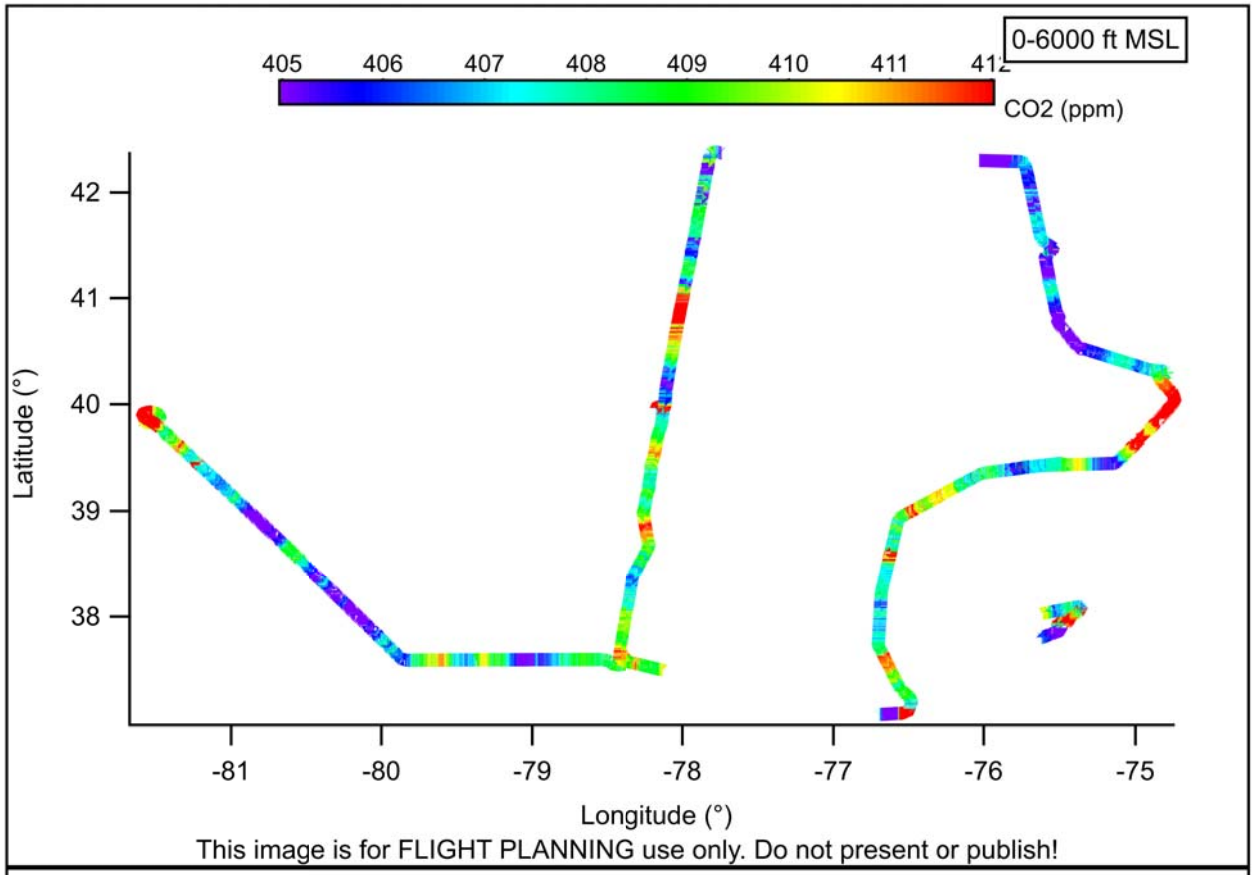
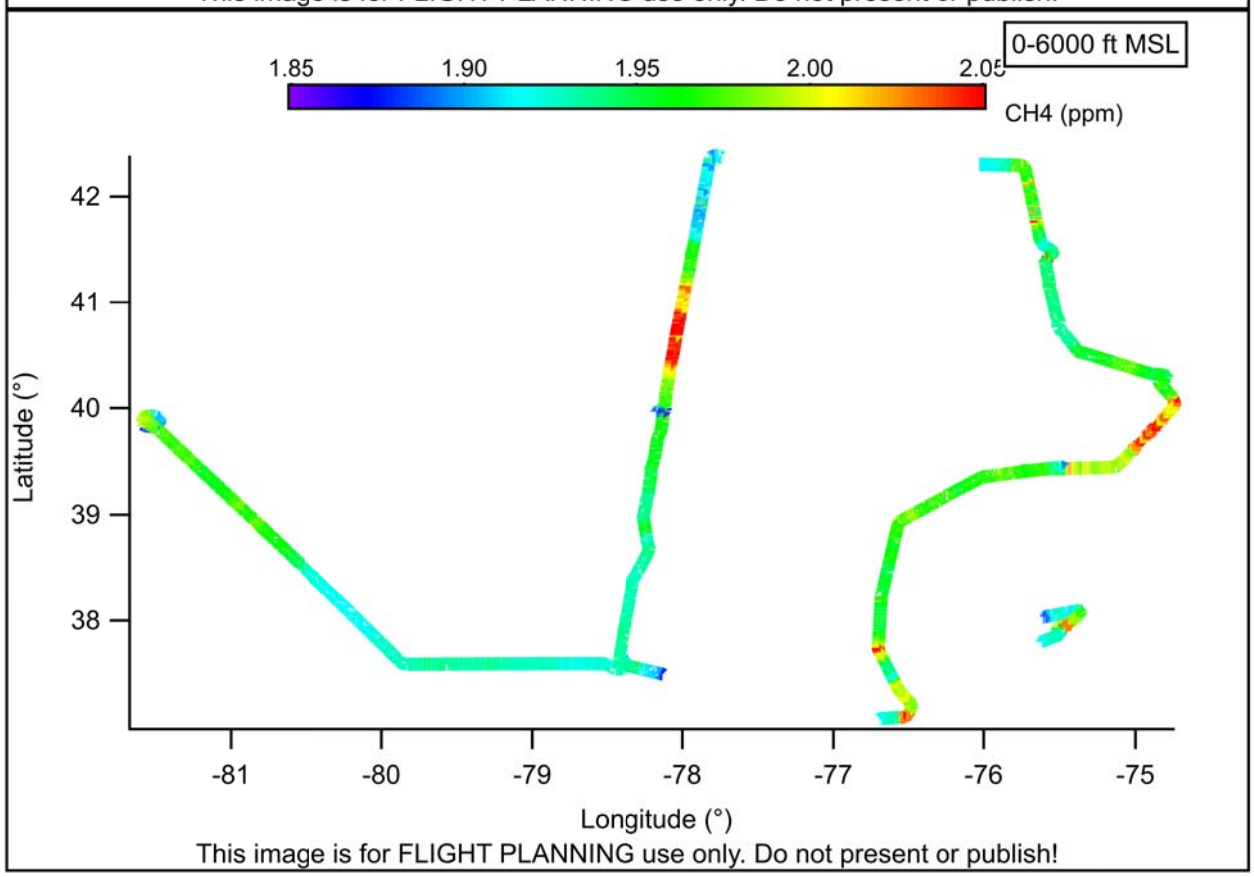

0.06
0.08
0.10
0.12
0.14
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-81
-80
-79
-78
-77
-76
-75
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

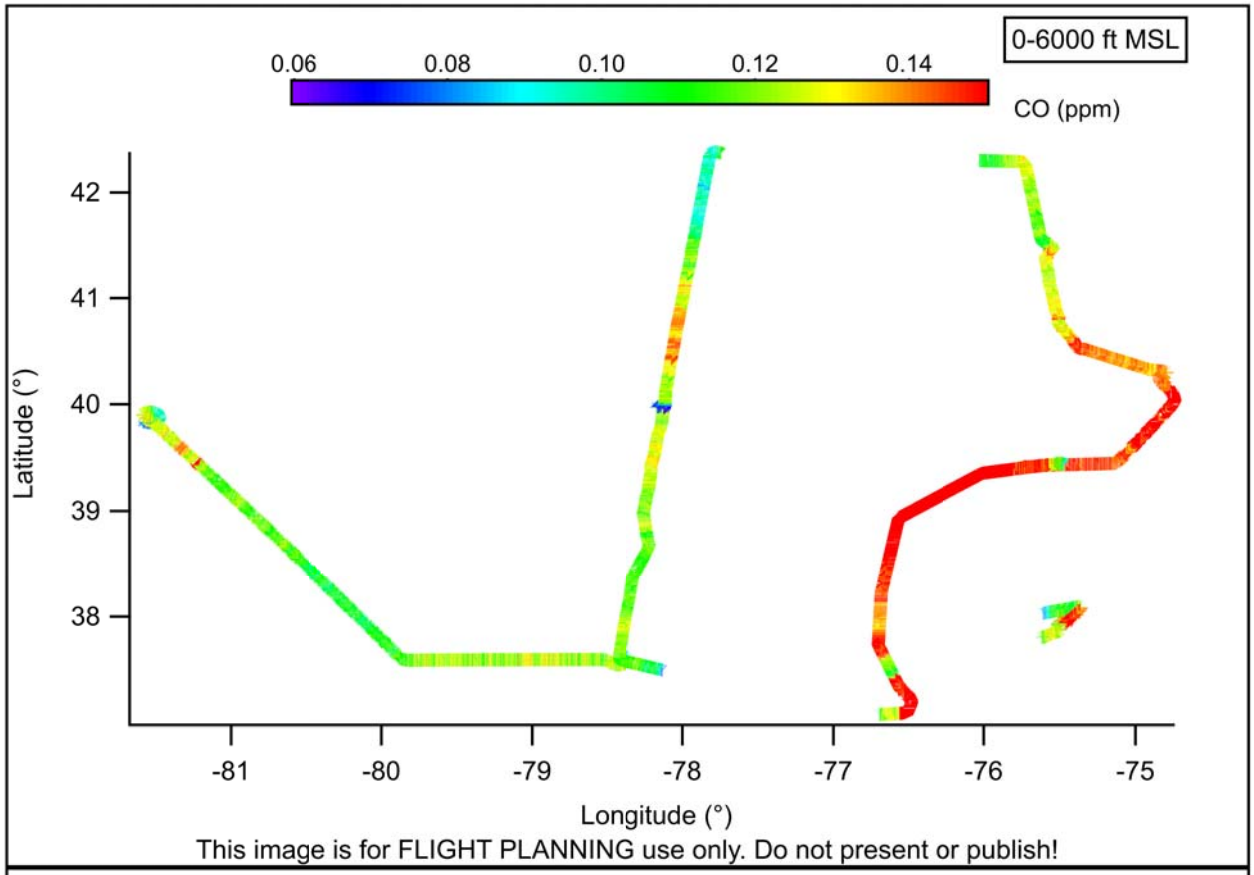

0
5
10
15
20
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
-81
-80
-79
-78
-77
-76
-75
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

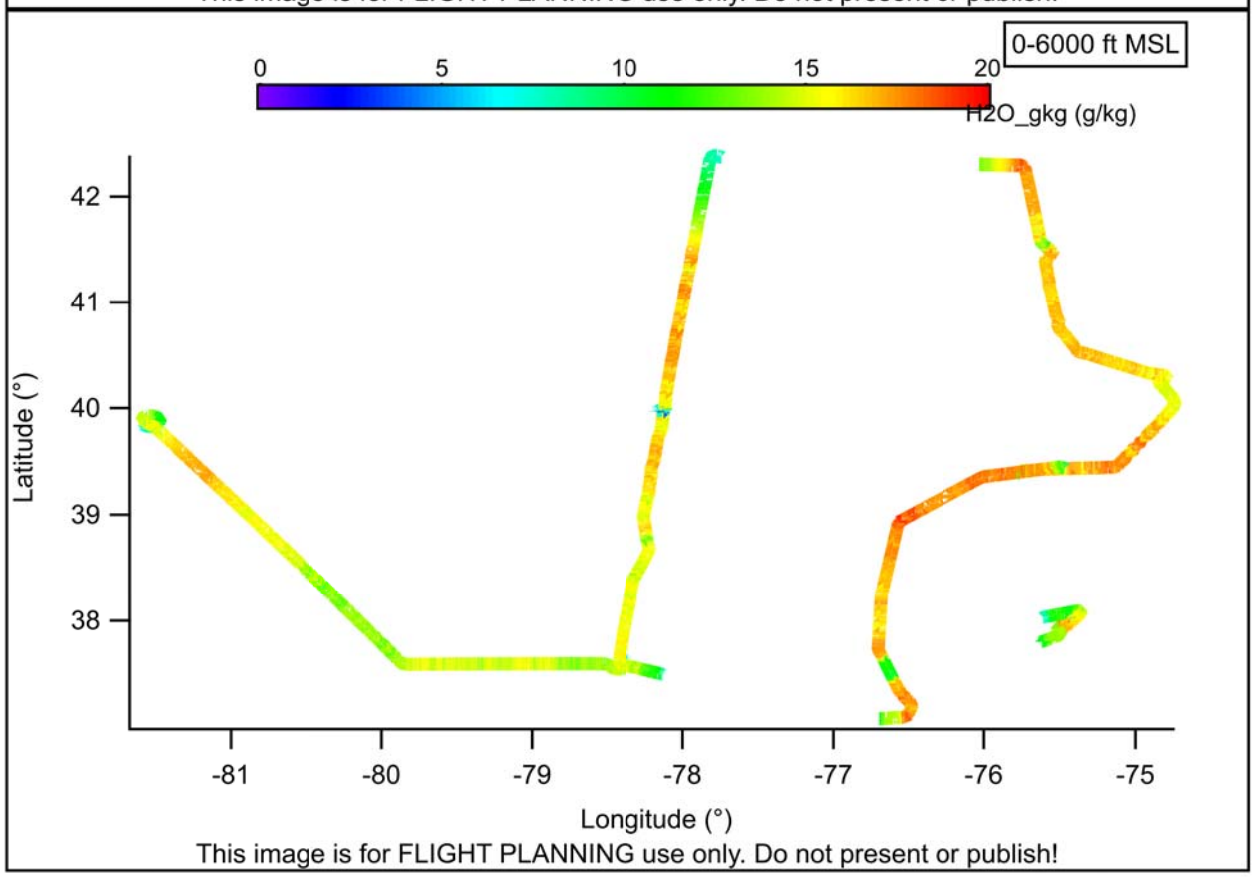

-20
-10
0
10
20
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
-81
-80
-79
-78
-77
-76
-75
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

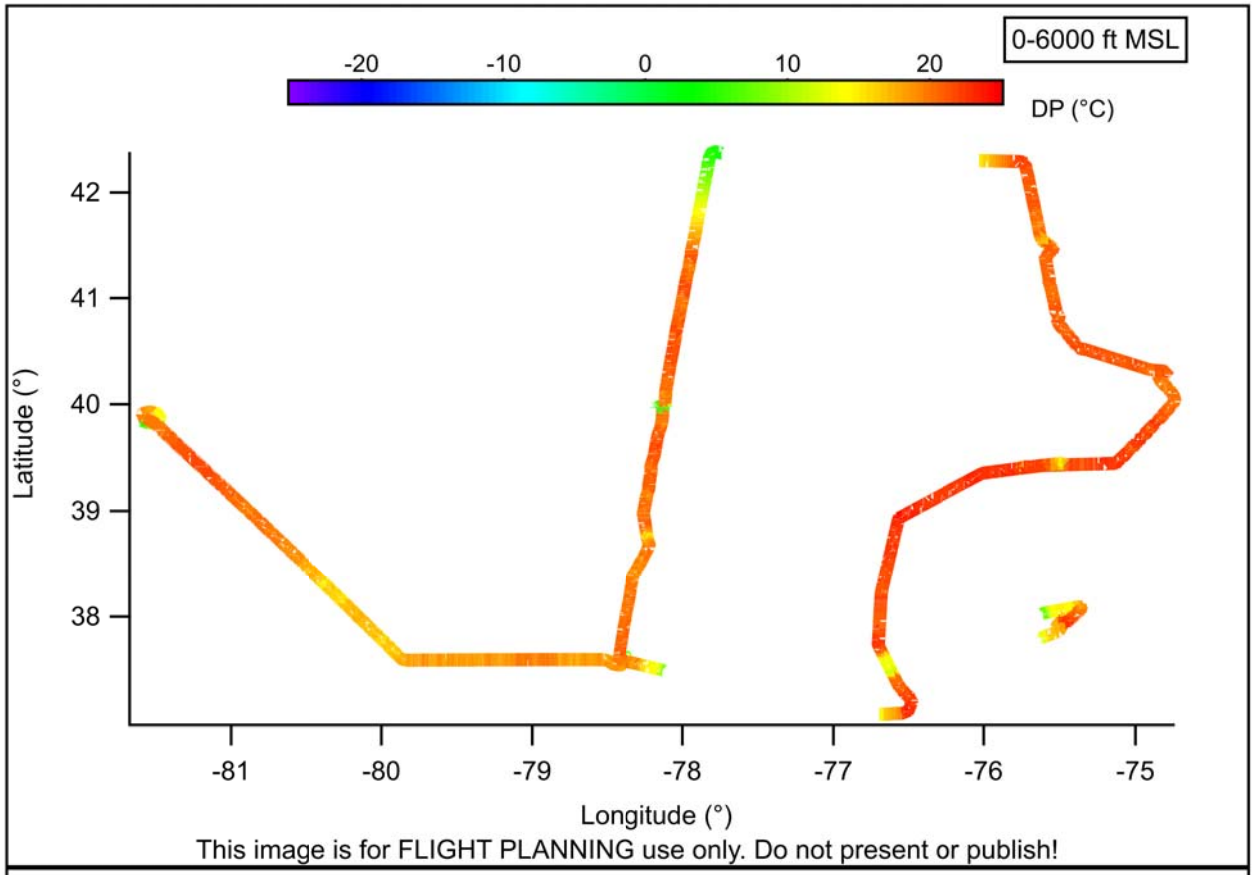

30
40
50
60
70
80
90
O3 (ppb)
Pressure Altitude (kft)
20
15
10
5
0
-81
-80
-79
-78
-77
-76
-75
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

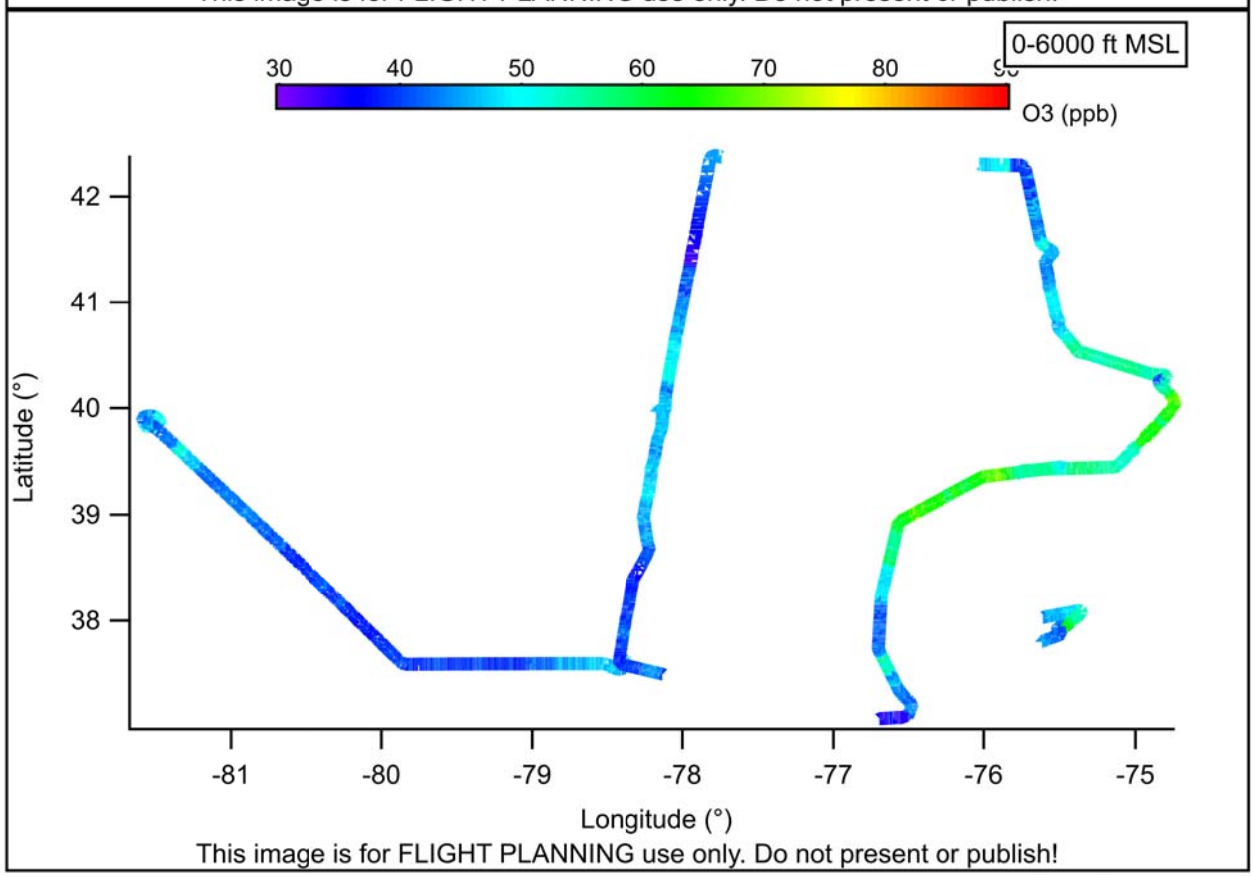

0-6000 ft MSL
405
406
407
408
409
410
411
412
CO2 (ppm)
42
41
40
39
38
Latitude (°)
-81
-80
-79
-78
-77
-76
-75
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
1.85
1.90
1.95
2.00
2.05
CH4 (ppm)
42
41
40
39
38
Latitude (°)
-81
-80
-79
-78
-77
-76
-75
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 (°)
42
41
40
39
38
-81
-80
-79
-78
-77
-76
-75
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
-81
-80
-79
-78
-77
-76
-75
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
-20
-10
0
10
20
DP (°C)
42
41
40
39
38
Latitude (°)
-81
-80
-79
-78
-77
-76
-75
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
30
40
50
60
70
80
O3 (ppb)
42
41
40
39
38
Latitude (°)
-81
-80
-79
-78
-77
-76
-75
Longitude (°)
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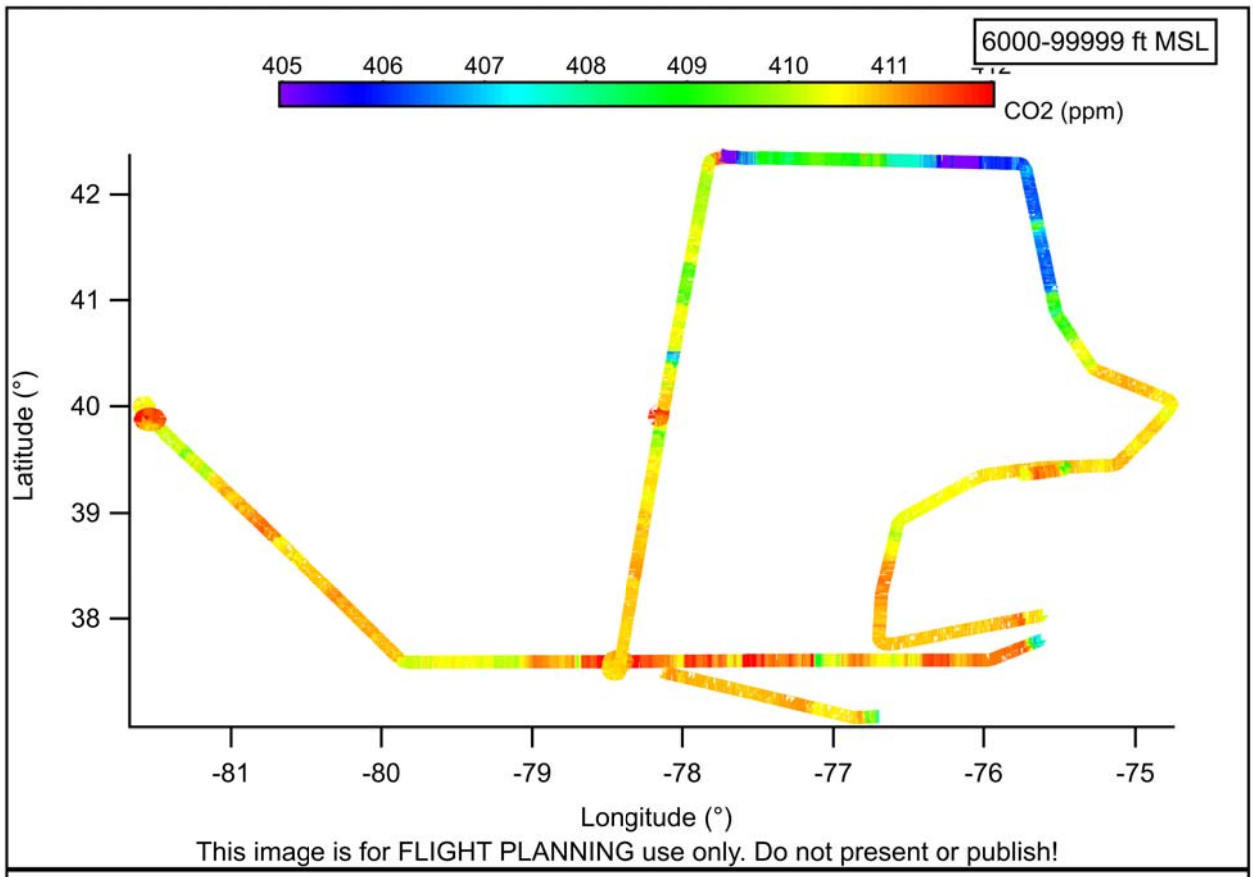
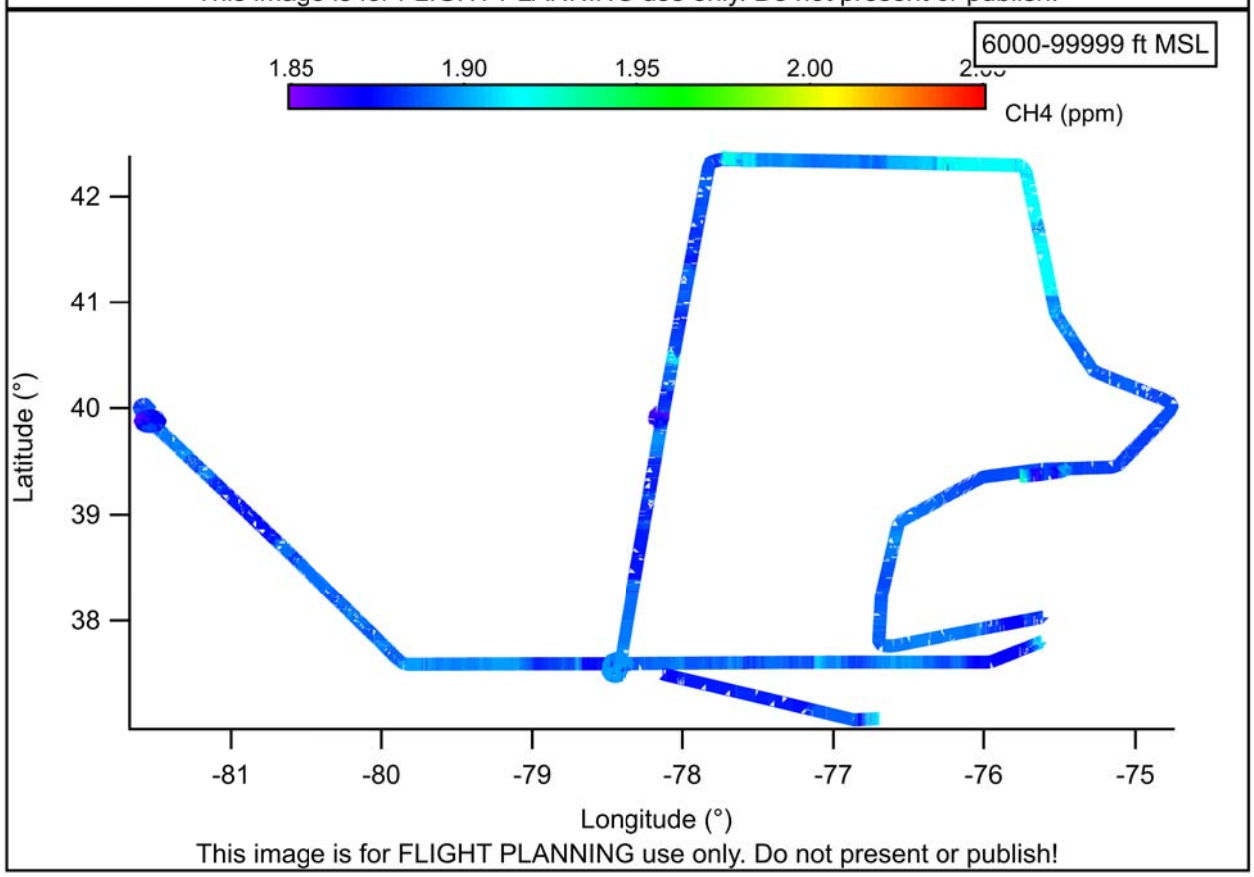
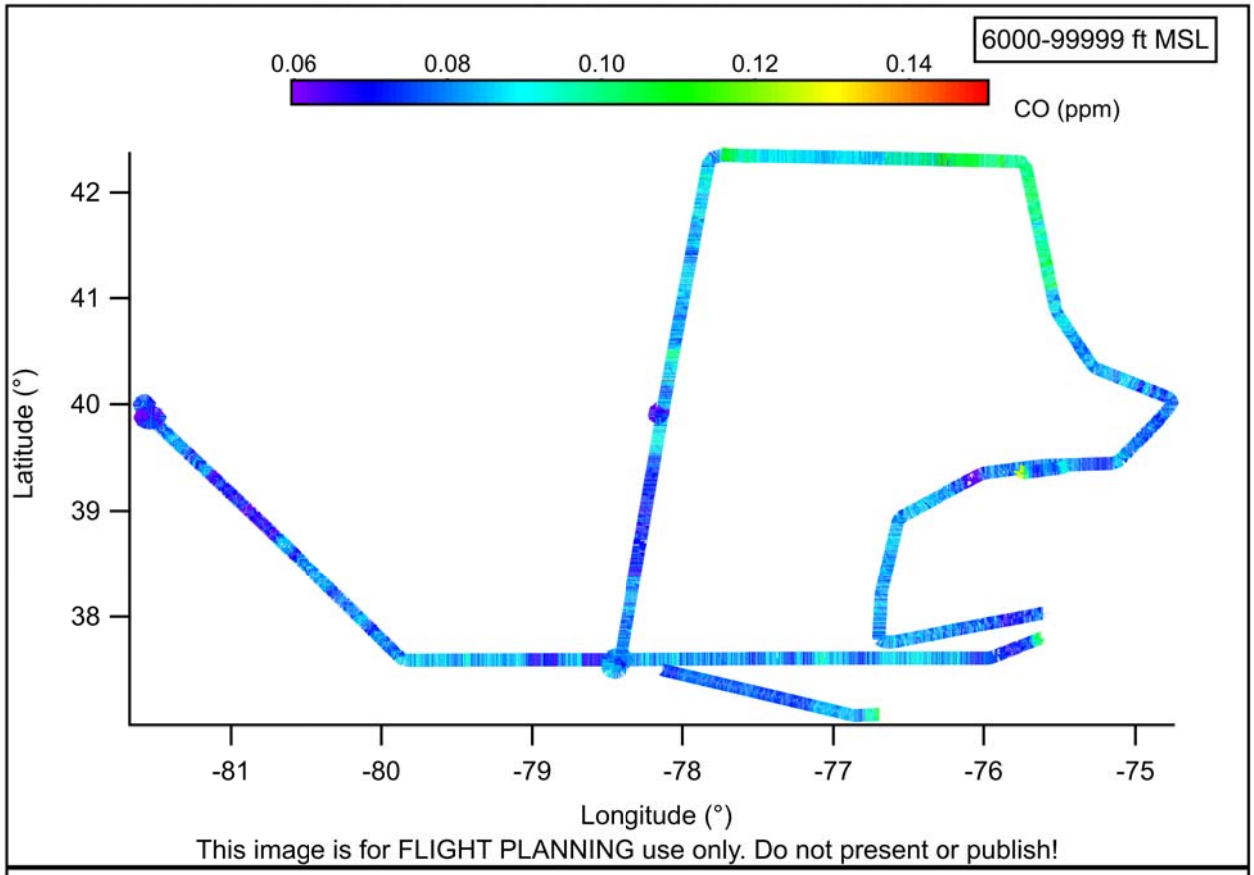

6000-99999 ft MSL
405
406
407
408
409
410
411
CO2 (ppm)
42
41
40
39
38
Latitude (°)
-81
-80
-79
-78
-77
-76
-75
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
1.85
1.90
1.95
2.00
CH4 (ppm)
42
41
40
39
38
Latitude (°)
-81
-80
-79
-78
-77
-76
-75
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)
42
41
40
39
38
Latitude (°)
-81
-80
-79
-78
-77
-76
-75
Longitude (°)
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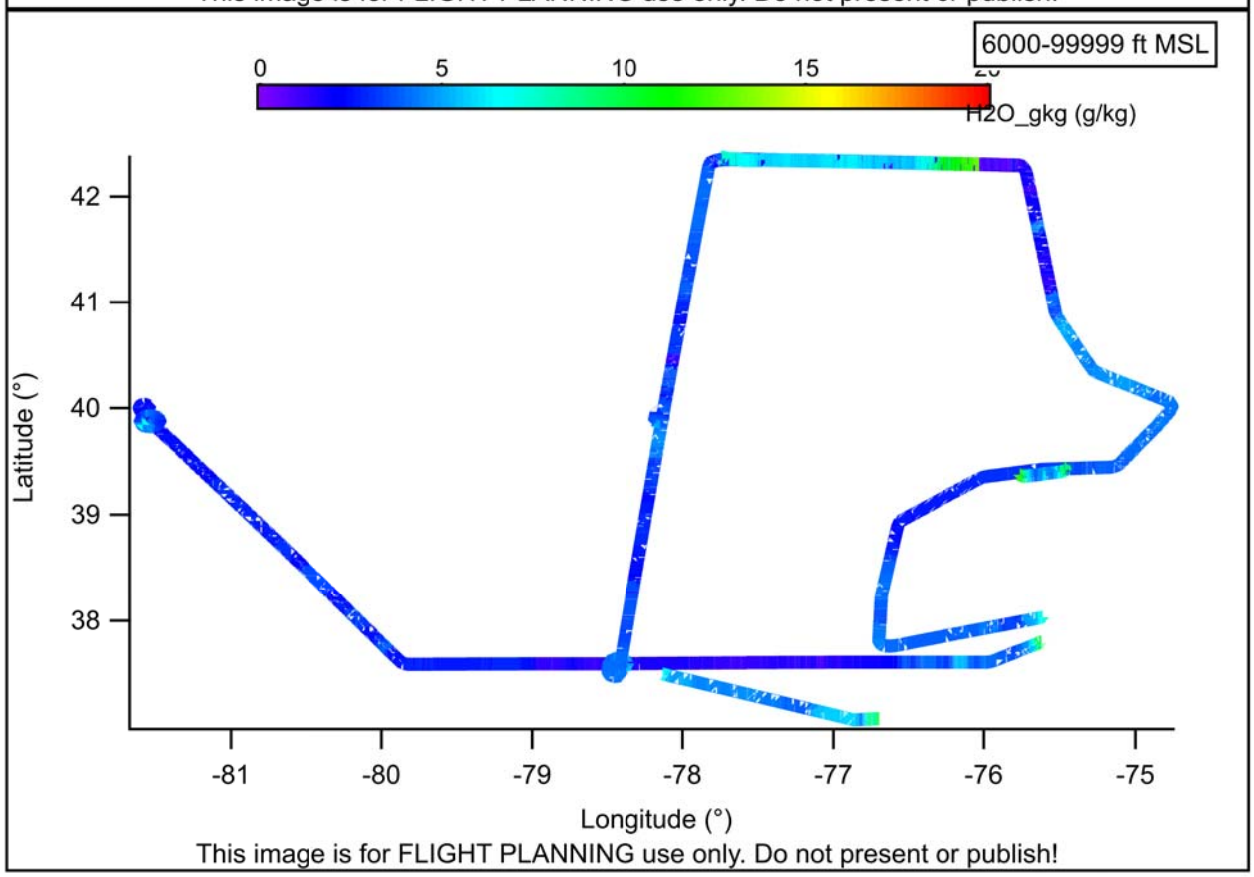
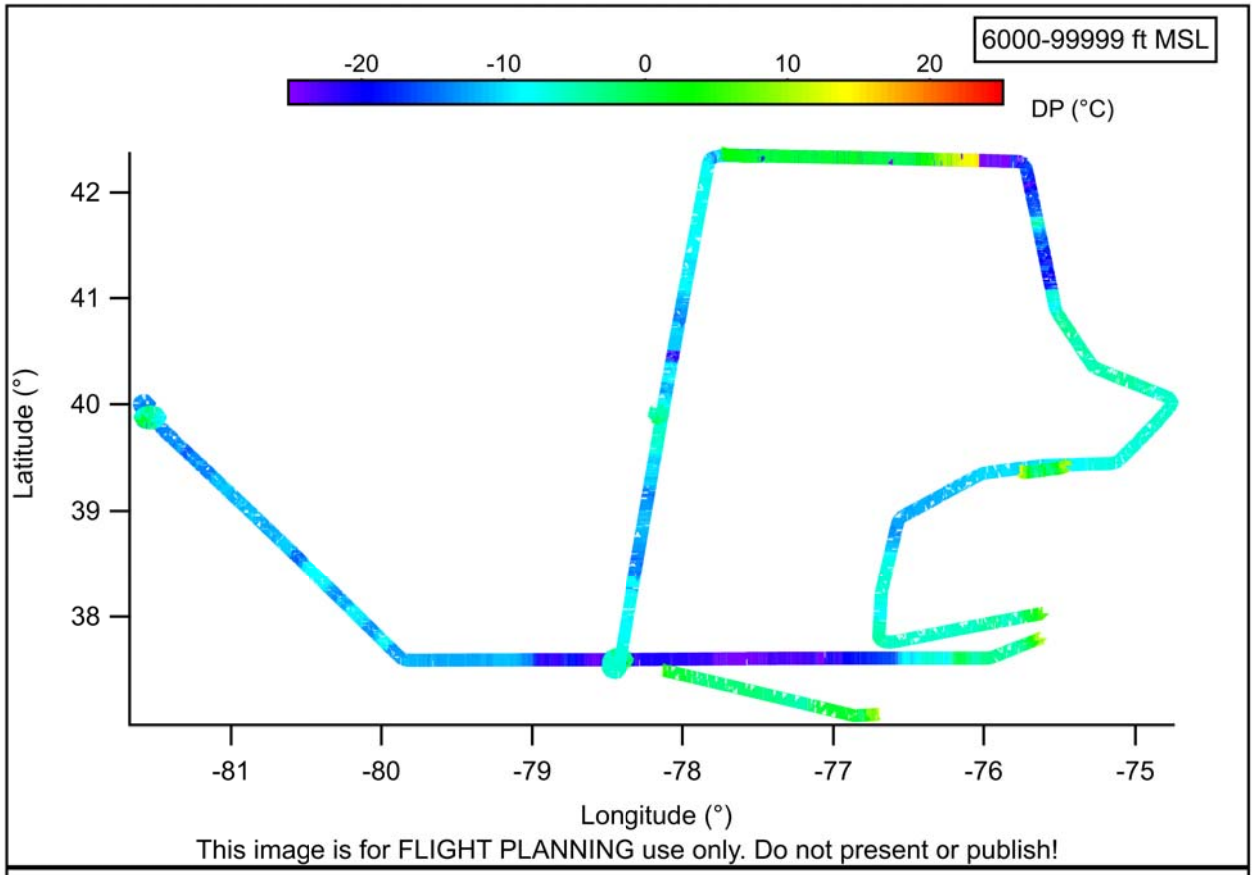

6000-99999 ft MSL
0
5
10
15
H2O_gkg (g/kg)
42
41
40
39
38
Latitude (°)
-81
-80
-79
-78
-77
-76
-75
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
-20
-10
0
10
20
DP (°C)
42
41
40
39
38
Latitude (°)
-81
-80
-79
-78
-77
-76
-75
Longitude (°)
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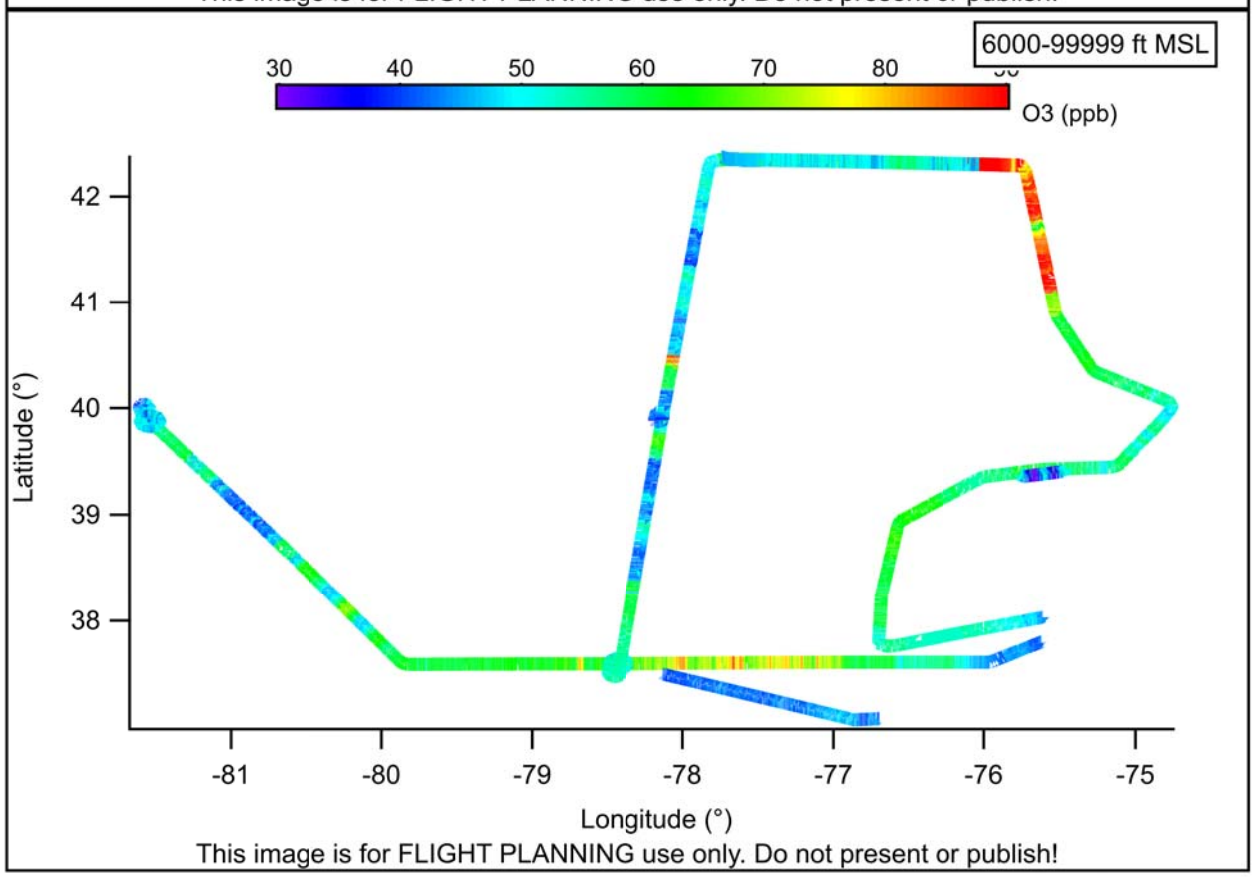
6000-99999 ft MSL
30
40
50
60
70
80
O3 (ppb)
42
41
40
39
38
Latitude (°)
-81
-80
-79
-78
-77
-76
-75
Longitude (°)
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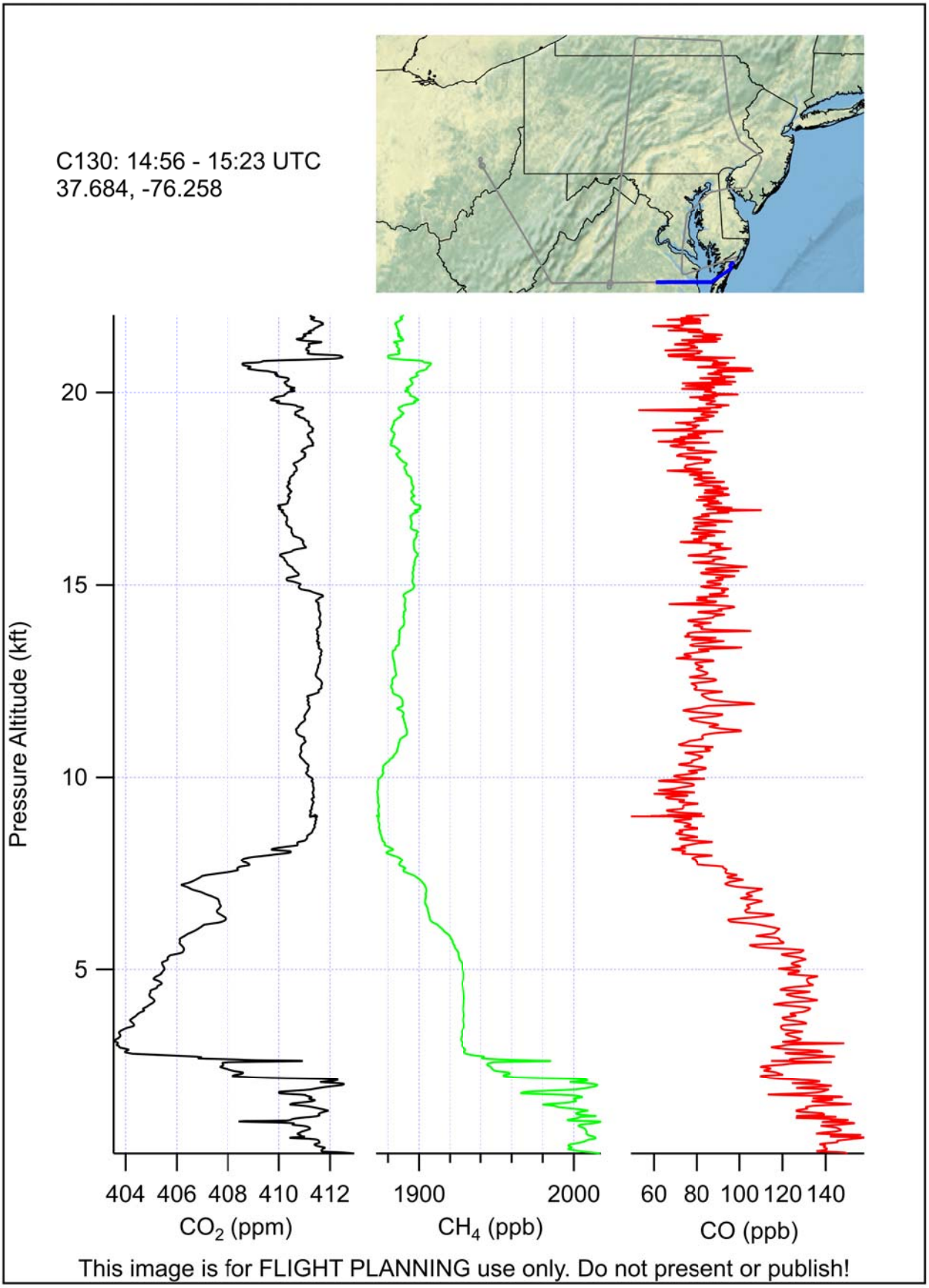
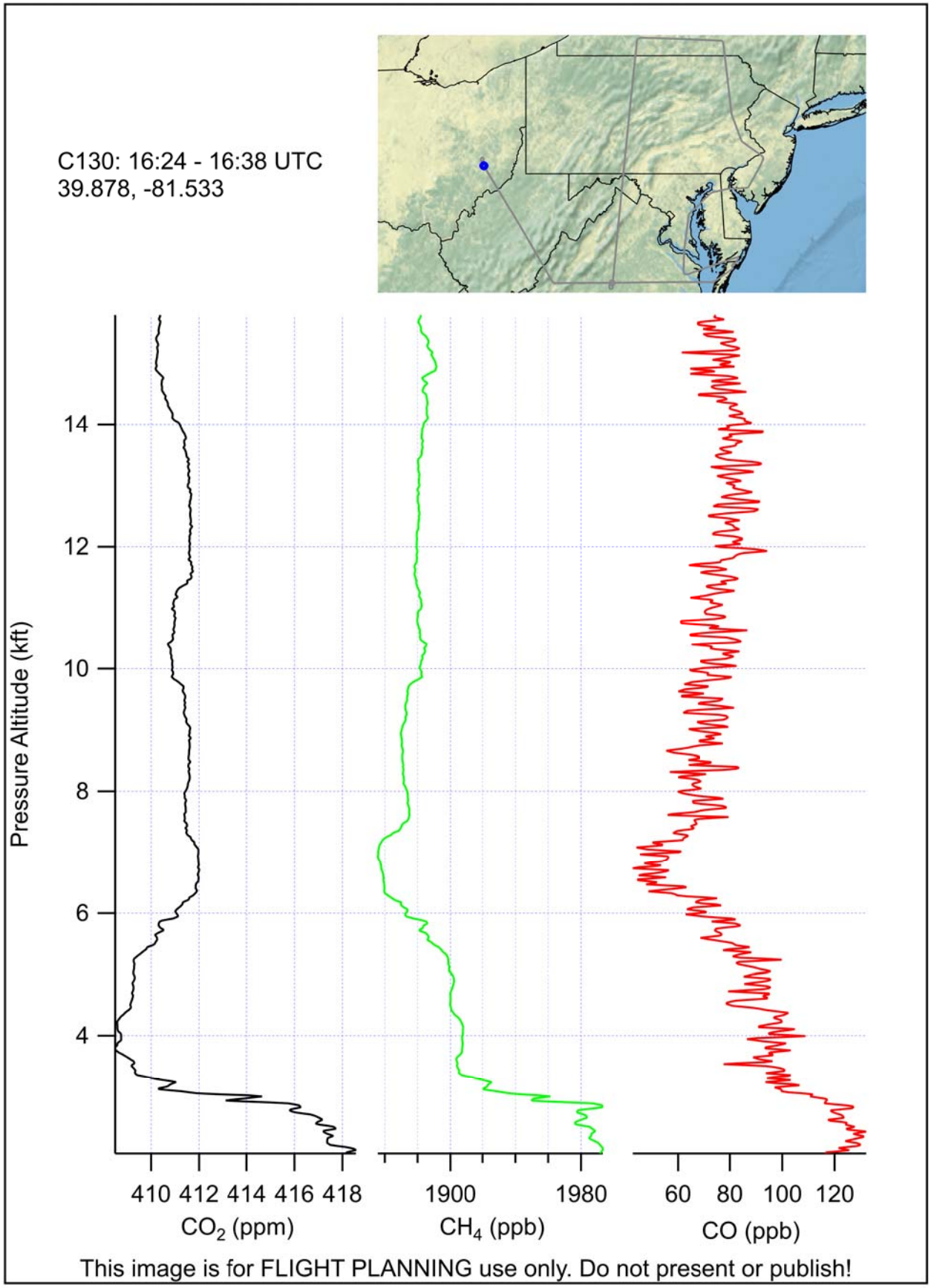
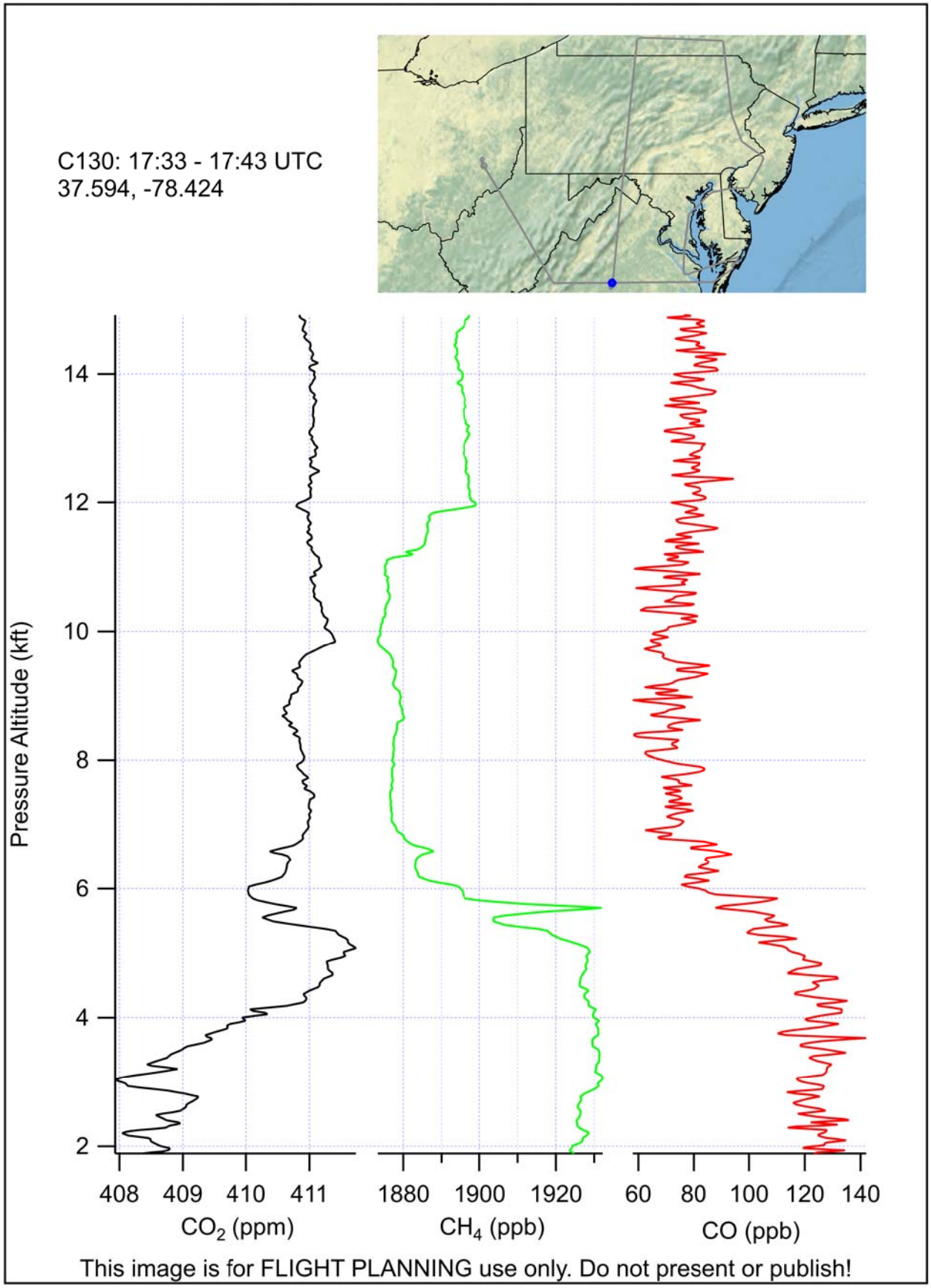
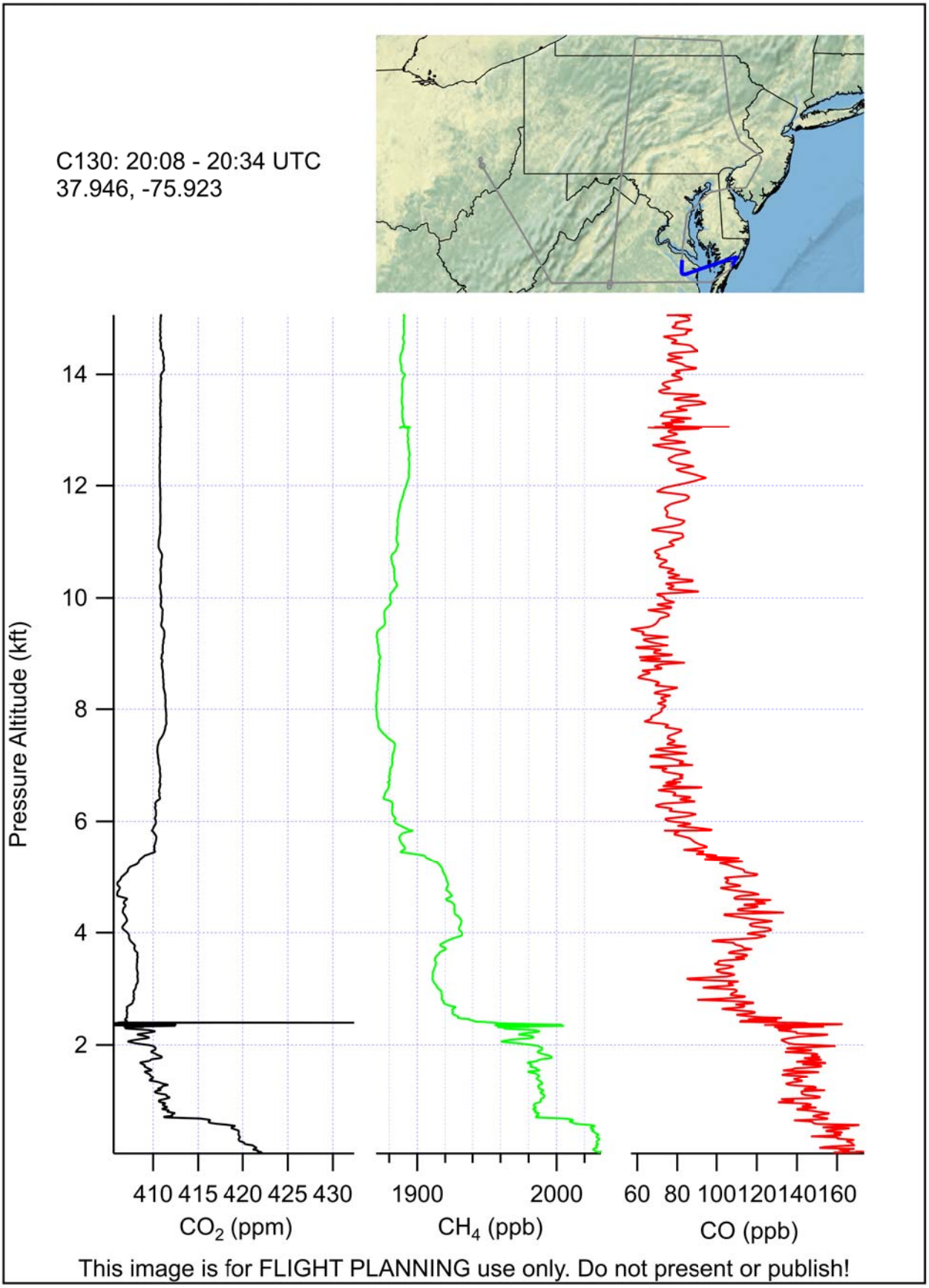

C130: 14:56 - 15:23 UTC
37.684, -76.258
Pressure Altitude (kft)
20
15
10
5
404 406 408 410 412
CO2 (ppm)
1900 2000
CH4 (ppb)
60 80 100 120 140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:24 - 16:38 UTC
39.878, -81.533
Pressure Altitude (kft)
14
12
10
8
6
4
410 412 414 416 418
CO_2 (ppm)
1900 1980
CH_4 (ppb)
60 80 100 120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:33 - 17:43 UTC
37.594, -78.424
Pressure Altitude (kft)
14
12
10
8
6
4
2
408
409
410
411
CO_2 (ppm)
1880
1900
1920
CH_4 (ppb)
60
80
100
120
140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:08 - 20:34 UTC
37.946, -75.923
Pressure Altitude (kft)
14
12
10
8
6
4
2
410 415 420 425 430
CO2 (ppm)
1900
2000
CH4 (ppb)
60 80 100120140160
CO (ppb)
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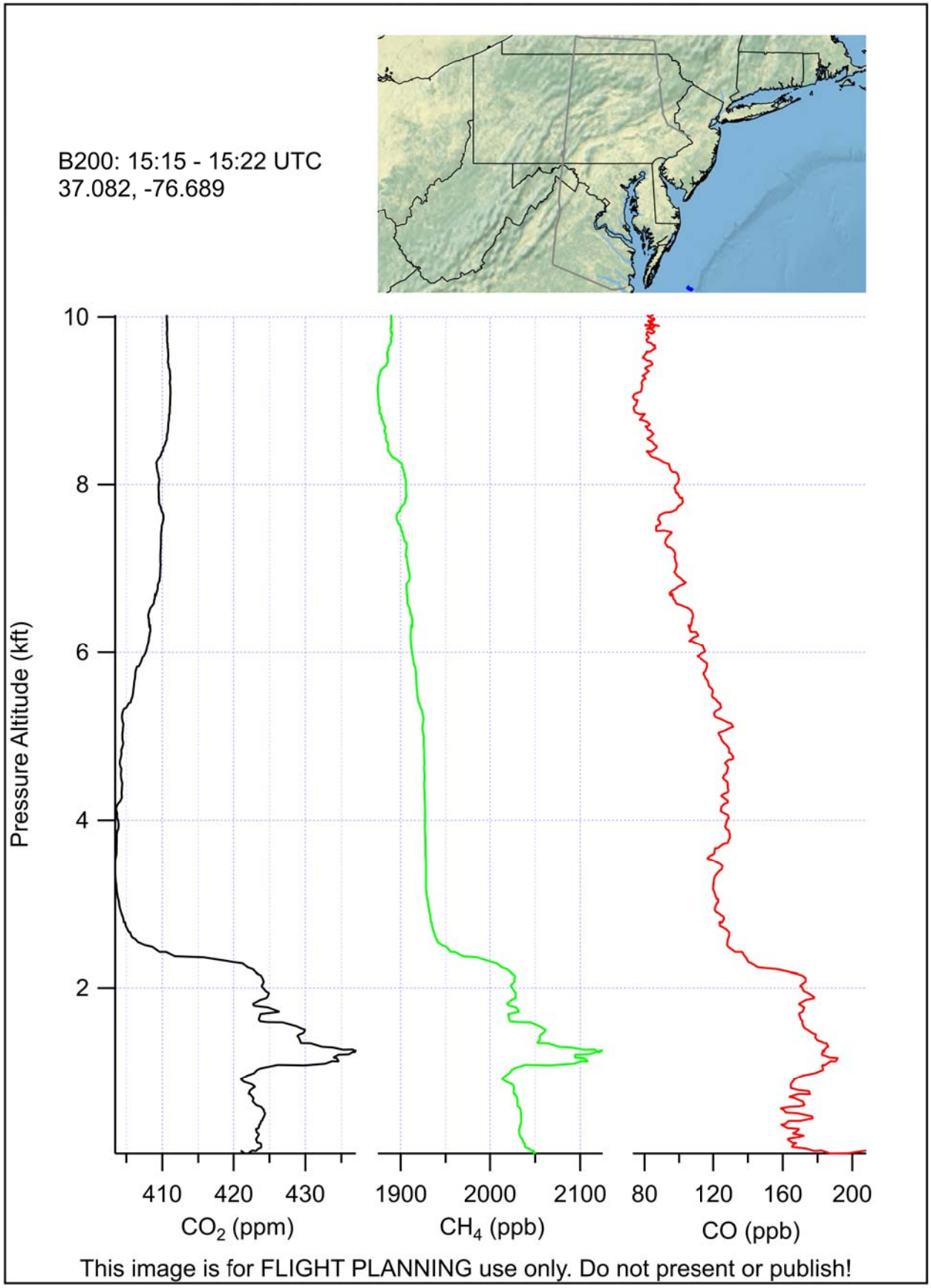
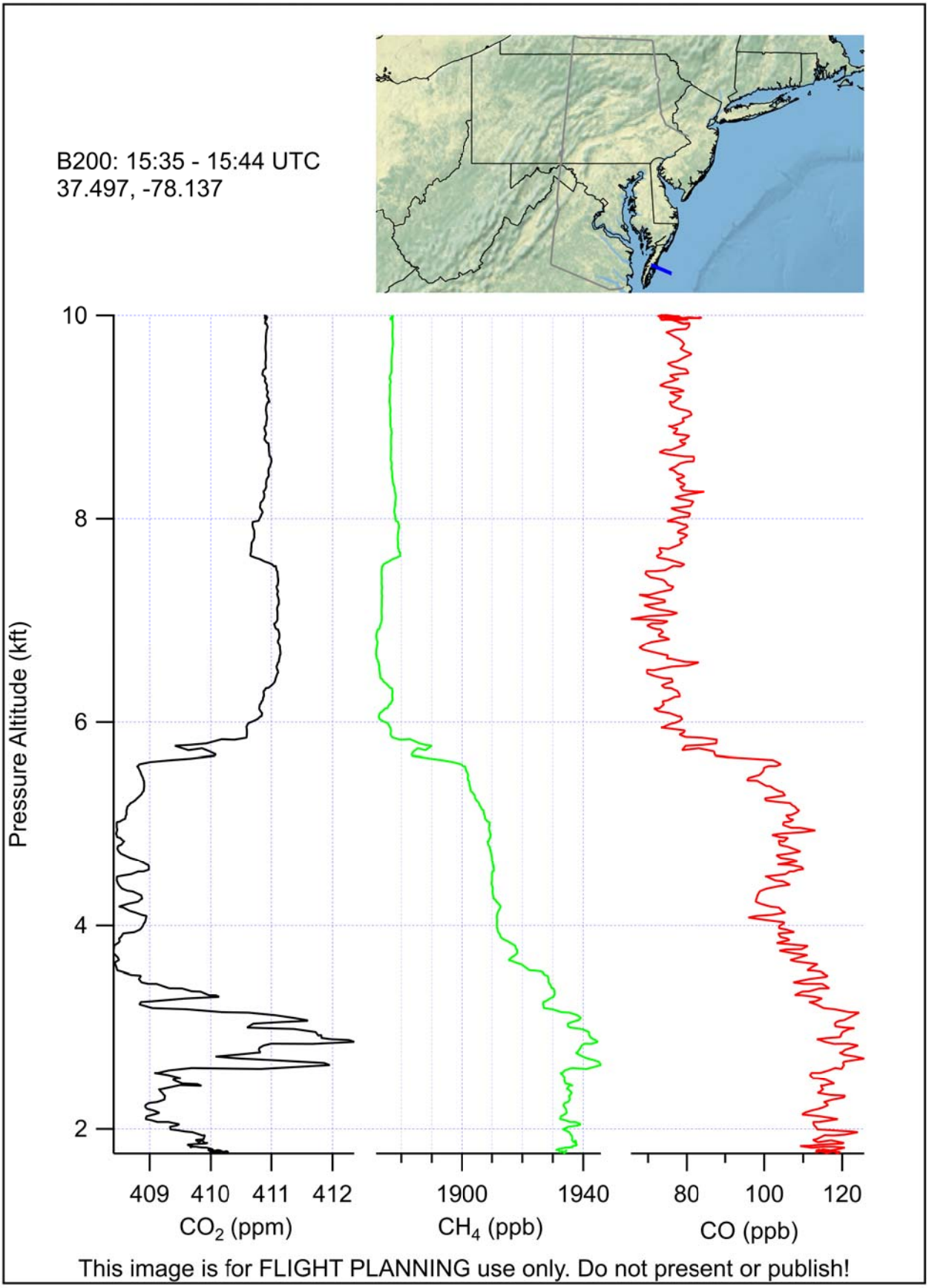
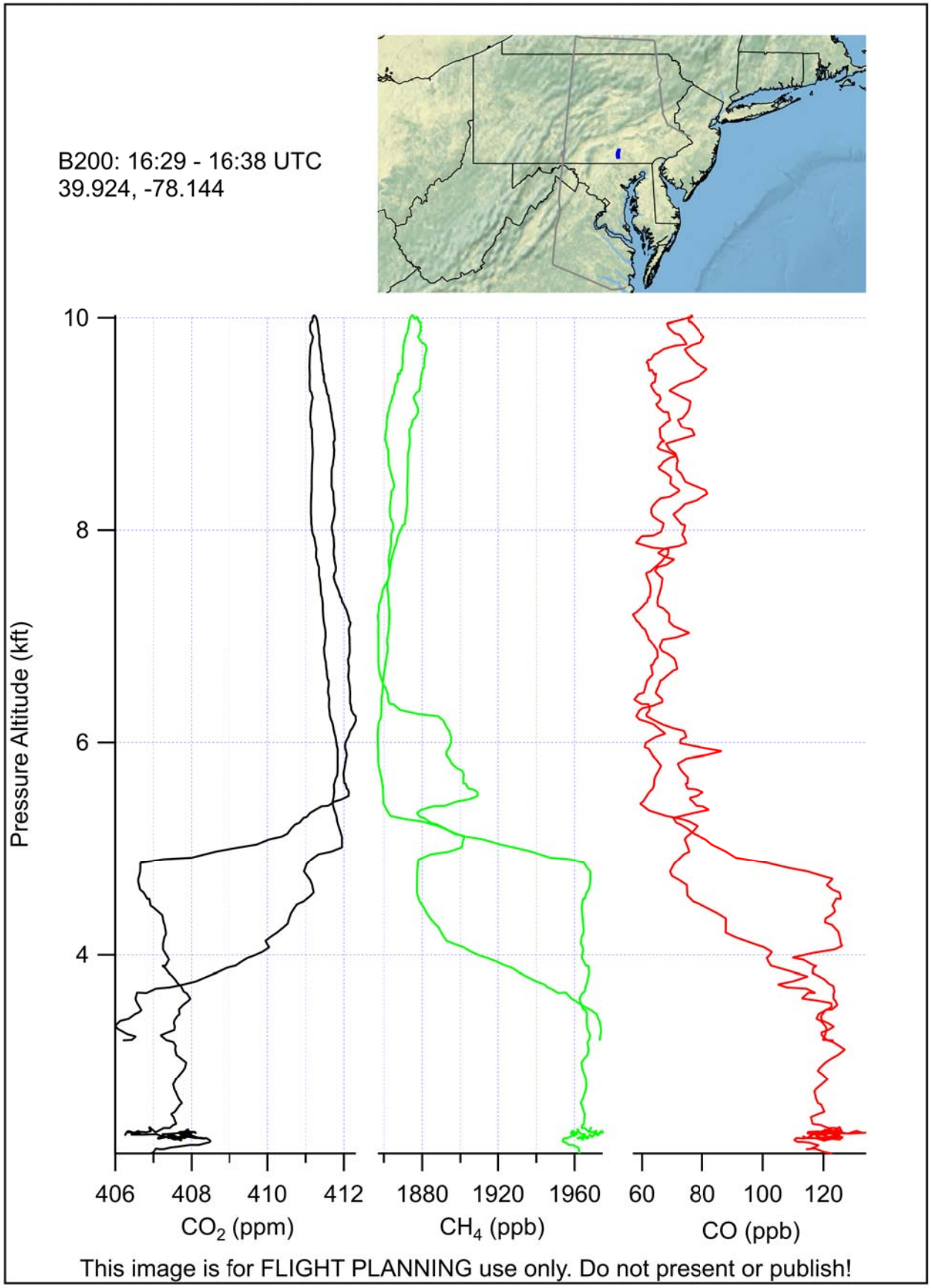
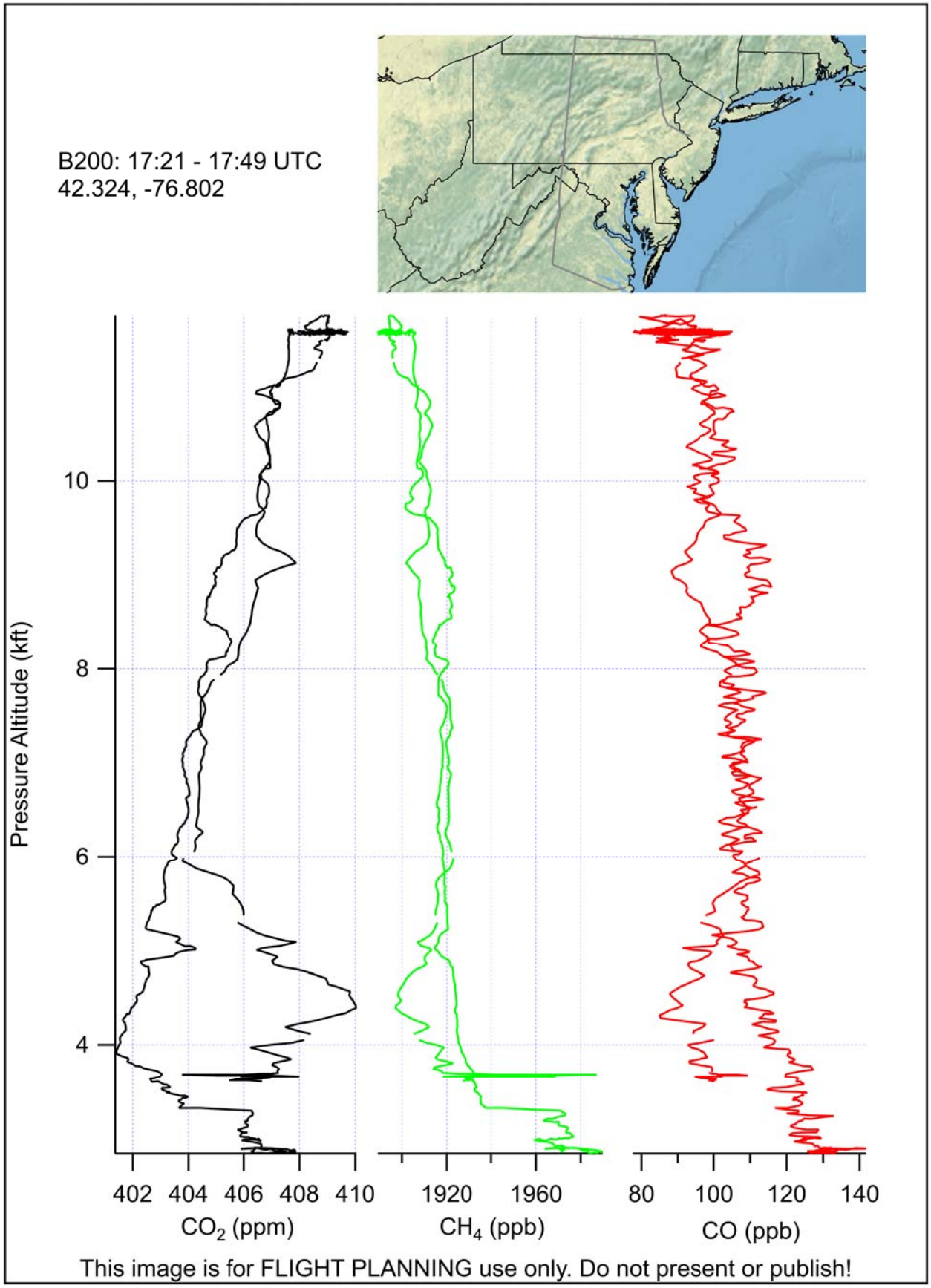
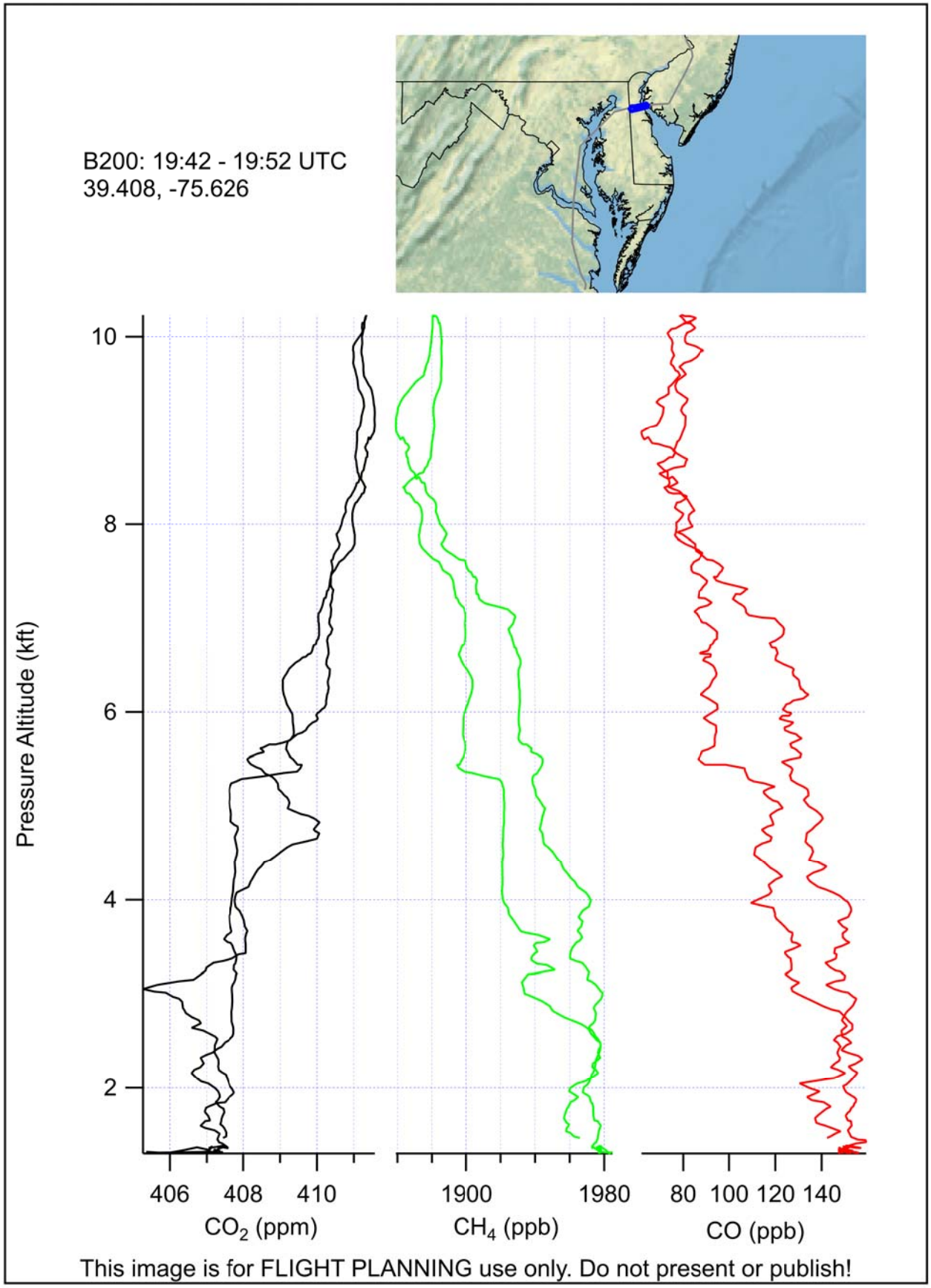
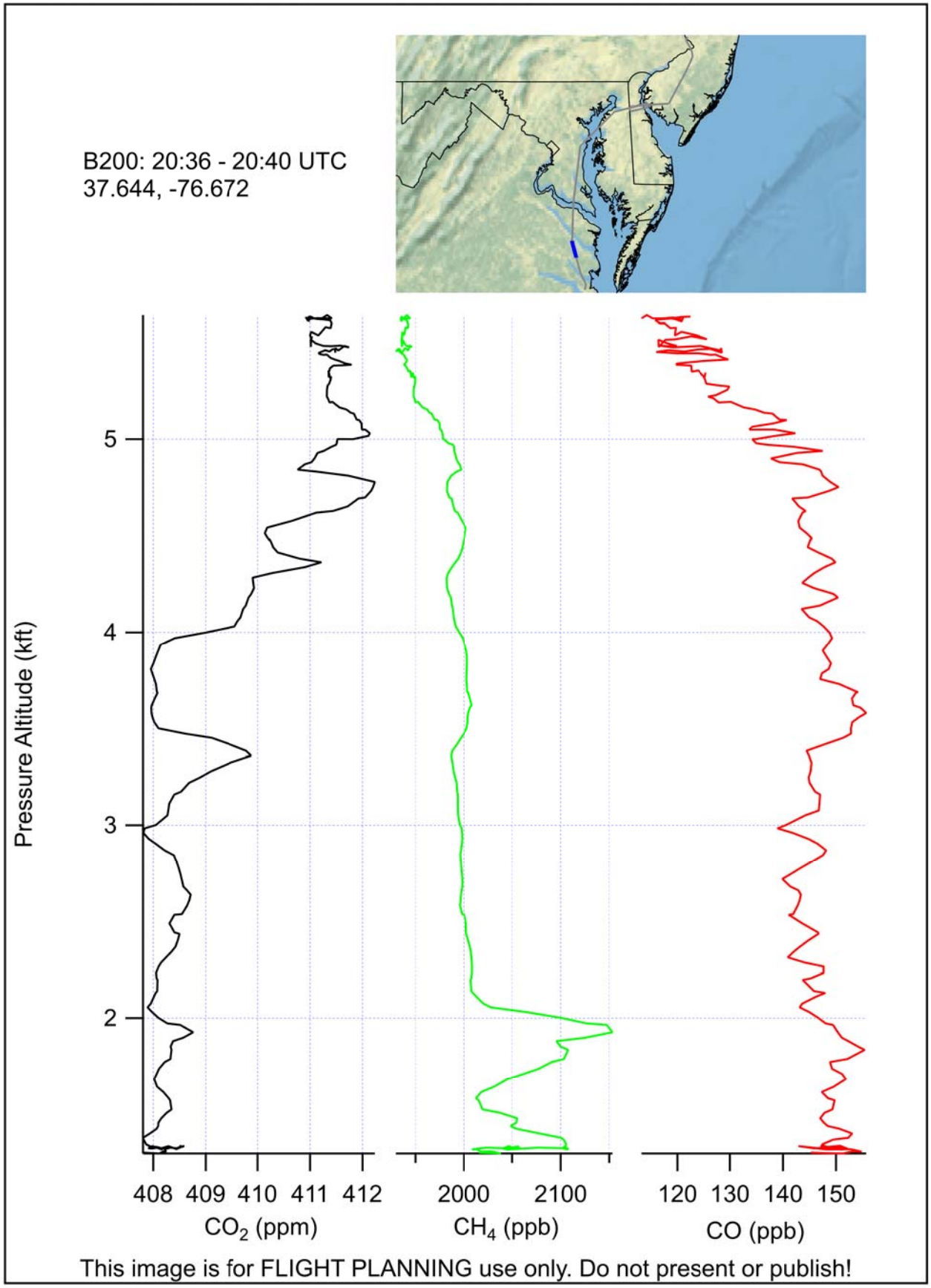

B200: 15:15 - 15:22 UTC
37.082, -76.689
Pressure Altitude (kft)
10
8
6
4
2
410
420
430
CO2 (ppm)
1900
2000
2100
CH4 (ppb)
80
120
160
200
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

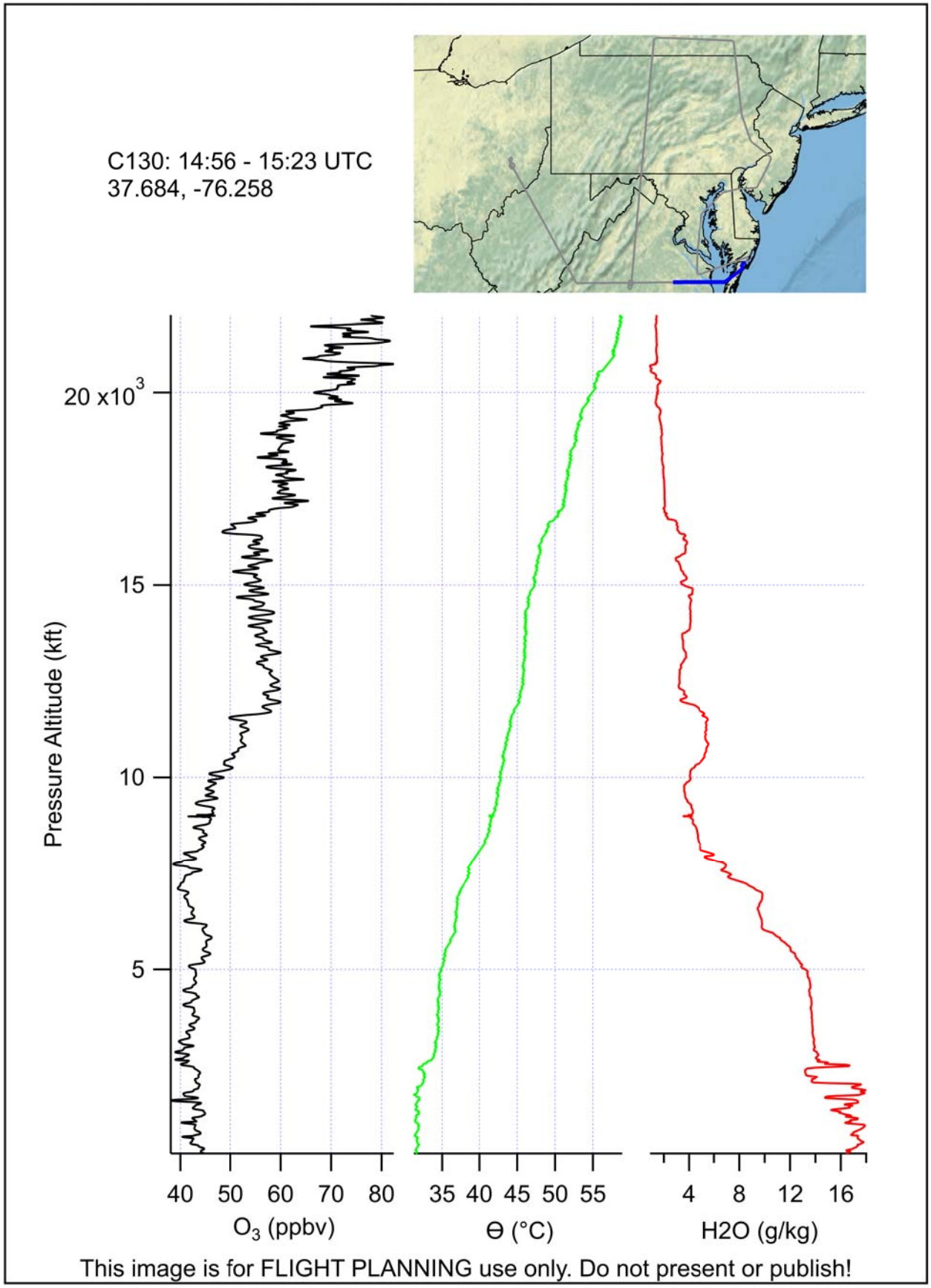

B200: 15:35 - 15:44 UTC
37.497, -78.137
Pressure Altitude (kft)
10
8
6
4
2
409
410
411
412
CO2 (ppm)
1900
1940
CH4 (ppb)
80
100
120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

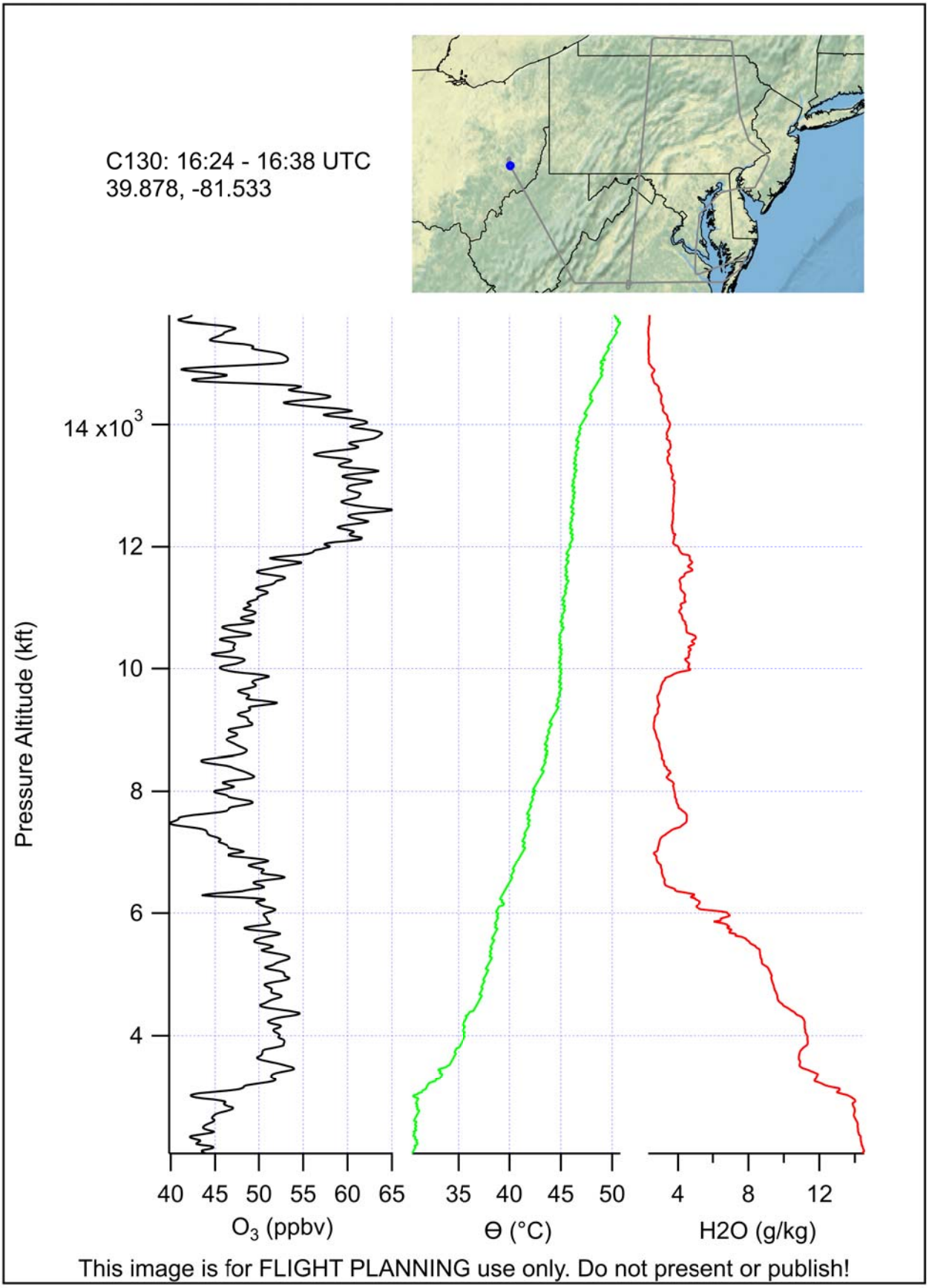

B200: 16:29 - 16:38 UTC
39.924, -78.144
Pressure Altitude (kft)
10
8
6
4
406
408
410
412
CO_2 (ppm)
1880
1920
1960
CH_4 (ppb)
60
80
100
120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

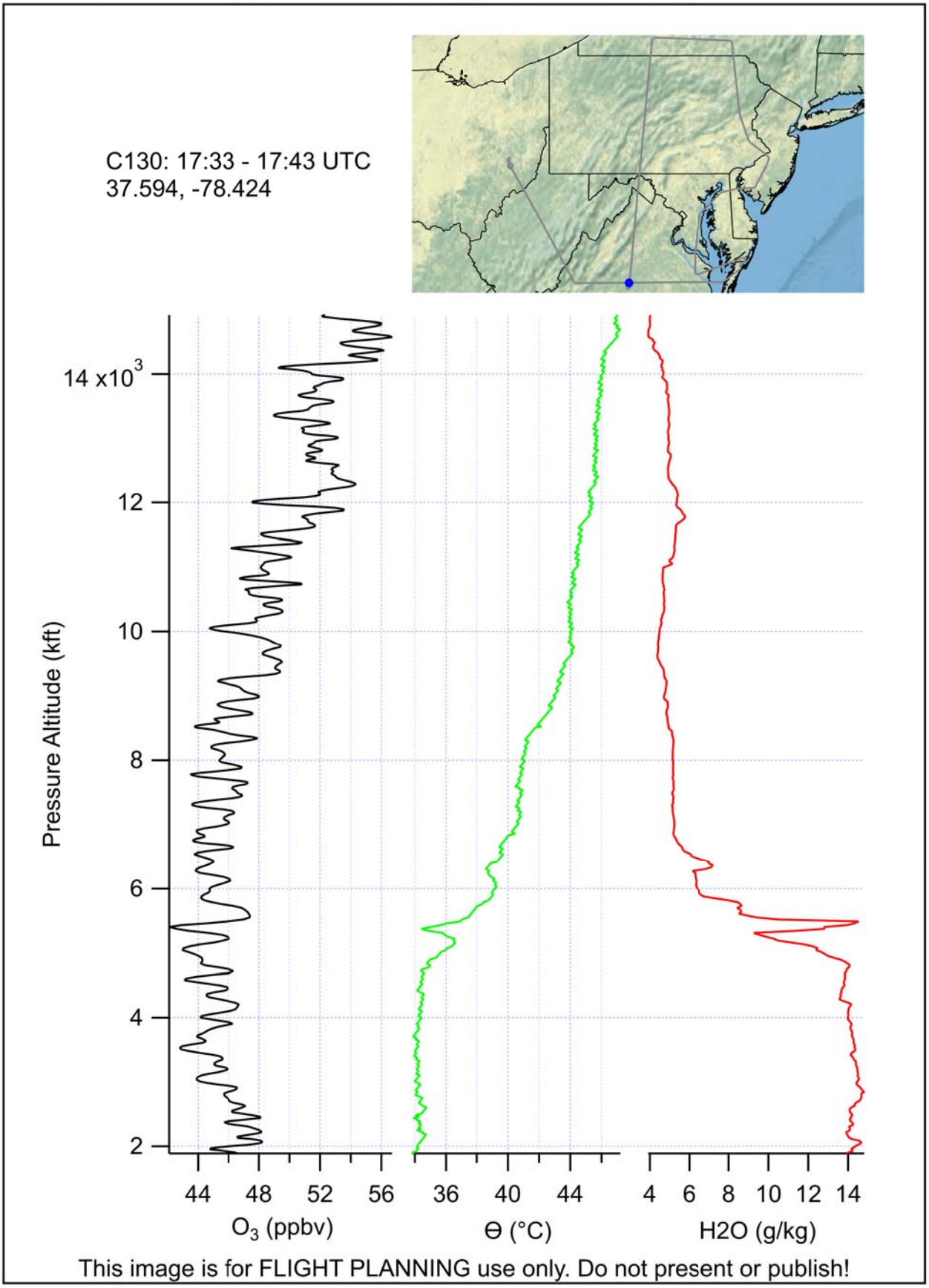

B200: 17:21 - 17:49 UTC
42.324, -76.802
Pressure Altitude (kft)
10
8
6
4
402 404 406 408 410
CO2 (ppm)
1920 1960
CH4 (ppb)
80 100 120 140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

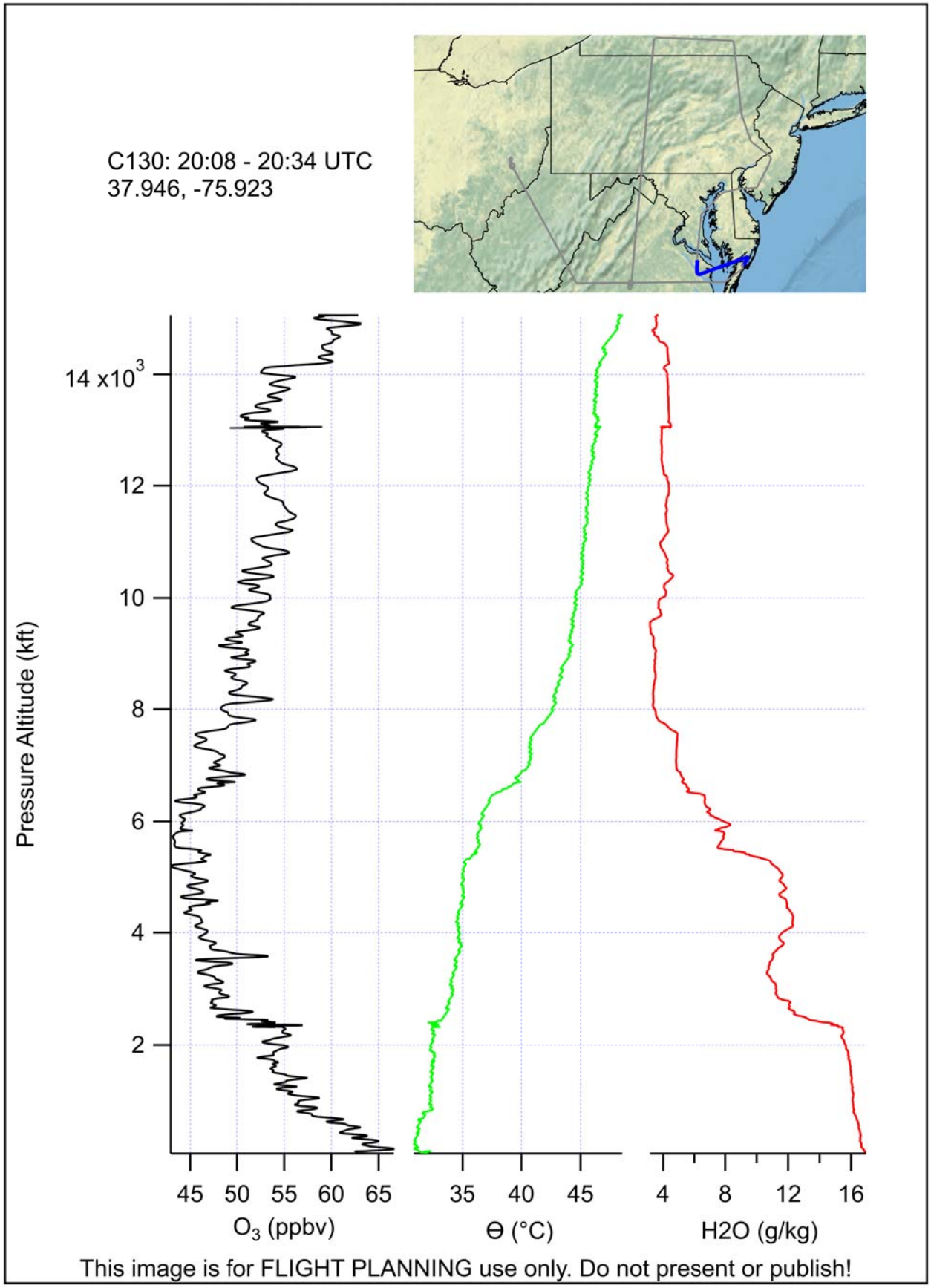

B200: 19:42 - 19:52 UTC
39.408, -75.626
Pressure Altitude (kft)
10
8
6
4
2
406
408
410
CO_2 (ppm)
1900
1980
CH_4 (ppb)
80
100
120
140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

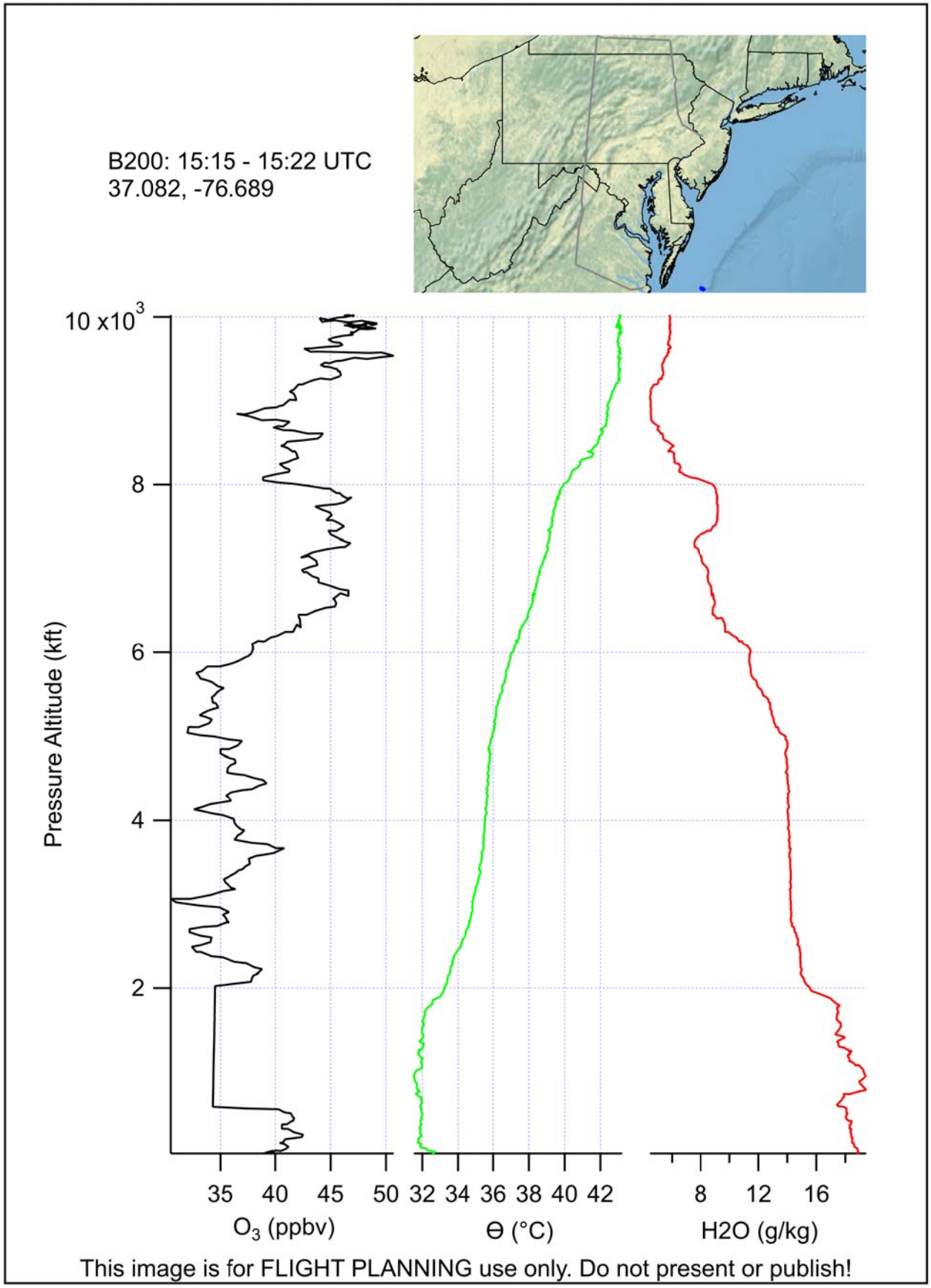

B200: 20:36 - 20:40 UTC
37.644, -76.672
Pressure Altitude (kft)
5
4
3
2
408 409 410 411 412
CO2 (ppm)
2000 2100
CH4 (ppb)
120 130 140 150
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

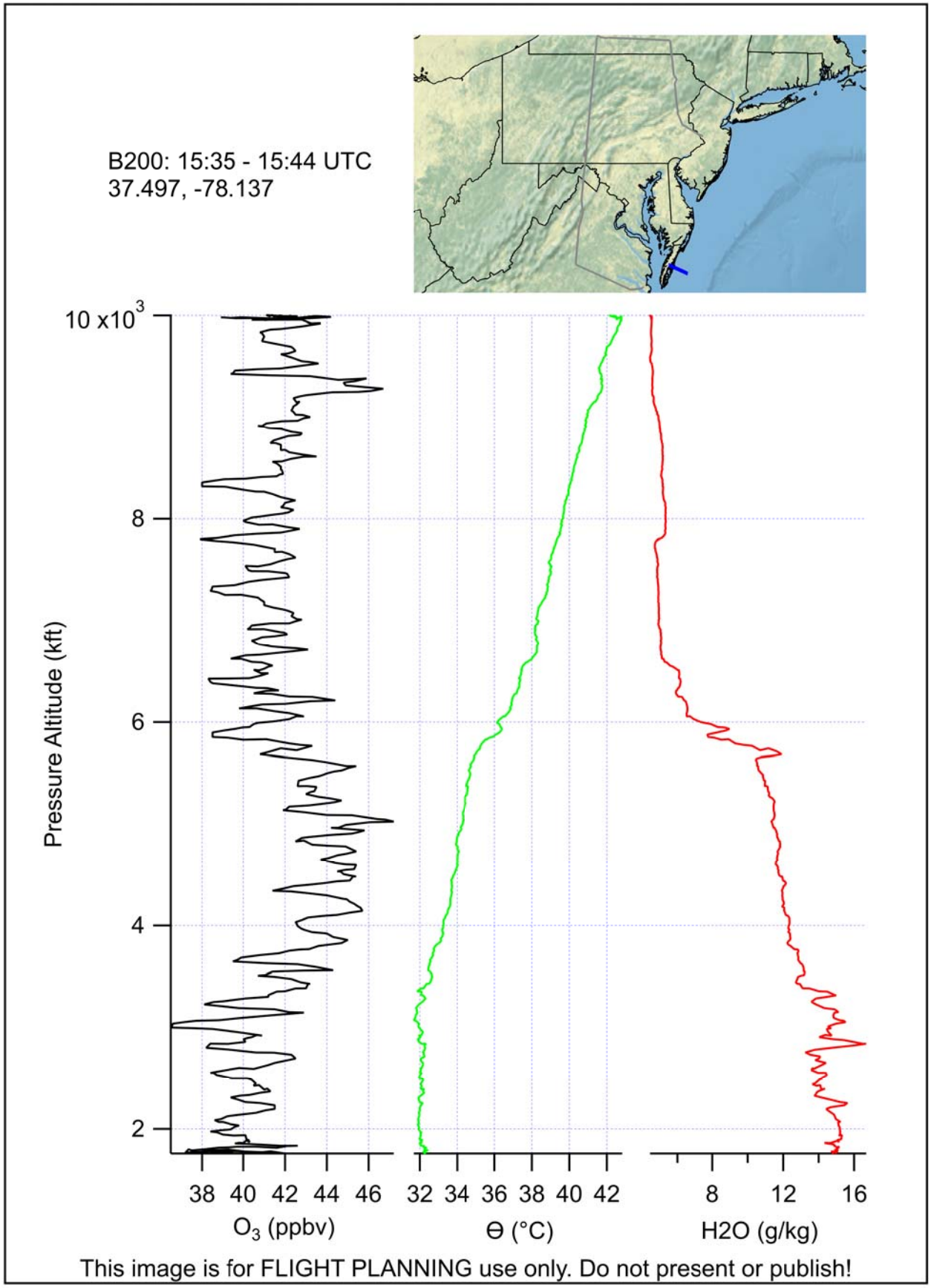

C130: 14:56 - 15:23 UTC
37.684, -76.258
Pressure Altitude (kft)
20 x10^3
15
10
5
40 50 60 70 80
O3 (ppbv)
35 40 45 50 55
Θ (°C)
4 8 12 16
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

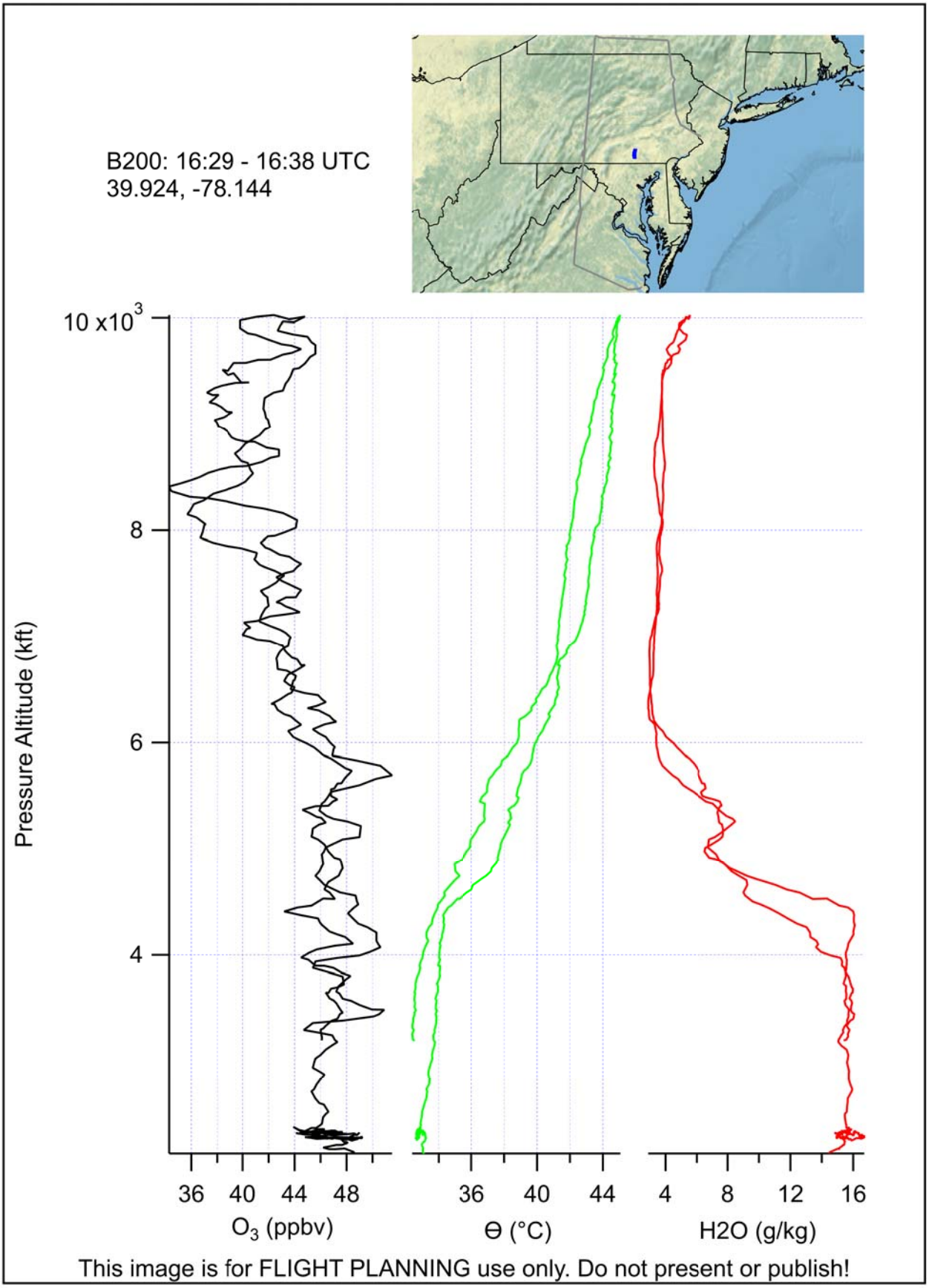

C130: 16:24 - 16:38 UTC
39.878, -81.533
Pressure Altitude (kft)
14 x10^3
12
10
8
6
4
40 45 50 55 60 65
O3 (ppbv)
35 40 45 50
Θ (°C)
4 8 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

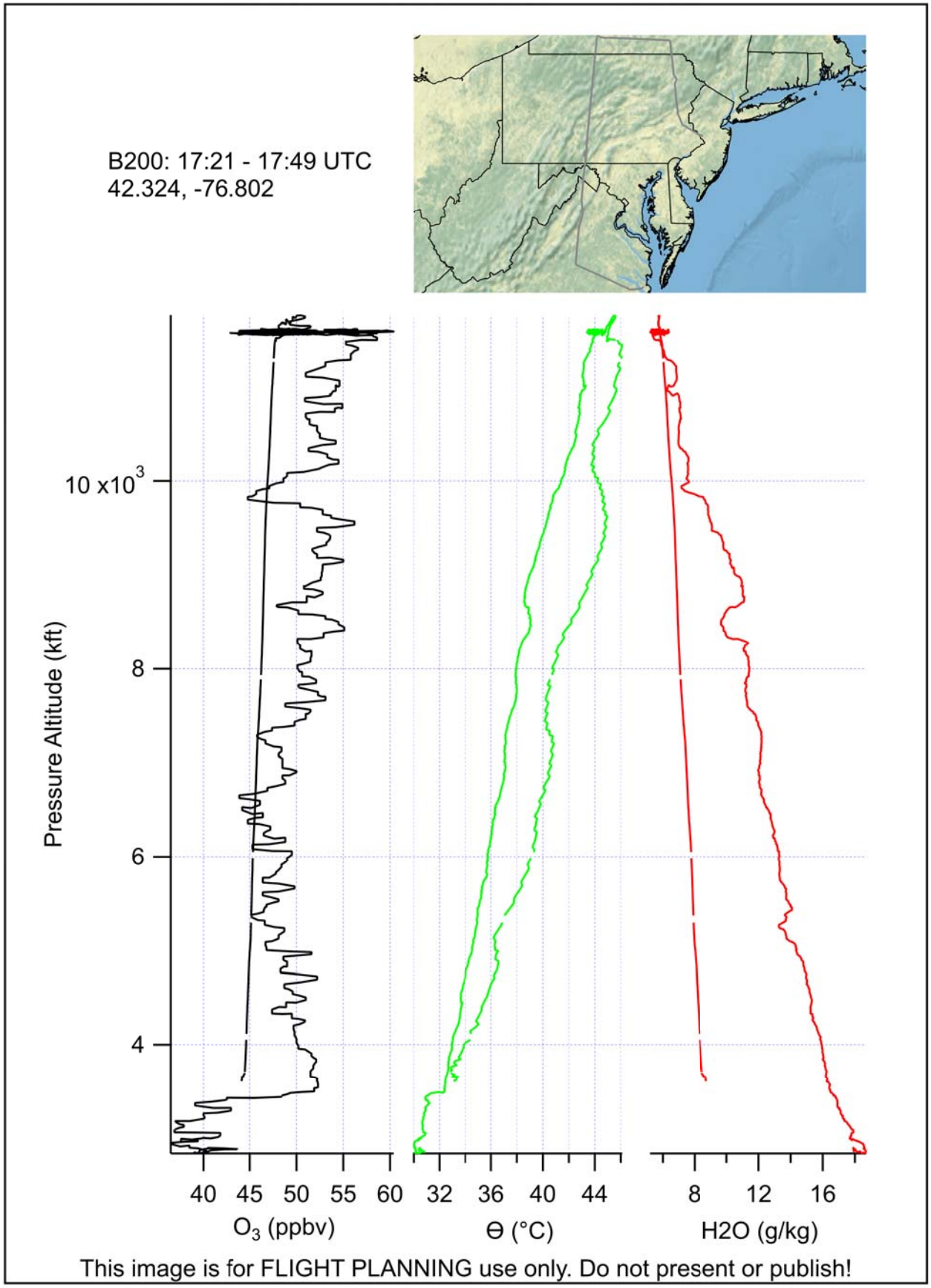

C130: 17:33 - 17:43 UTC
37.594, -78.424
Pressure Altitude (kft)
14 x10^3
12
10
8
6
4
2
44 48 52 56
O3 (ppbv)
36 40 44
Θ (°C)
4 6 8 10 12 14
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

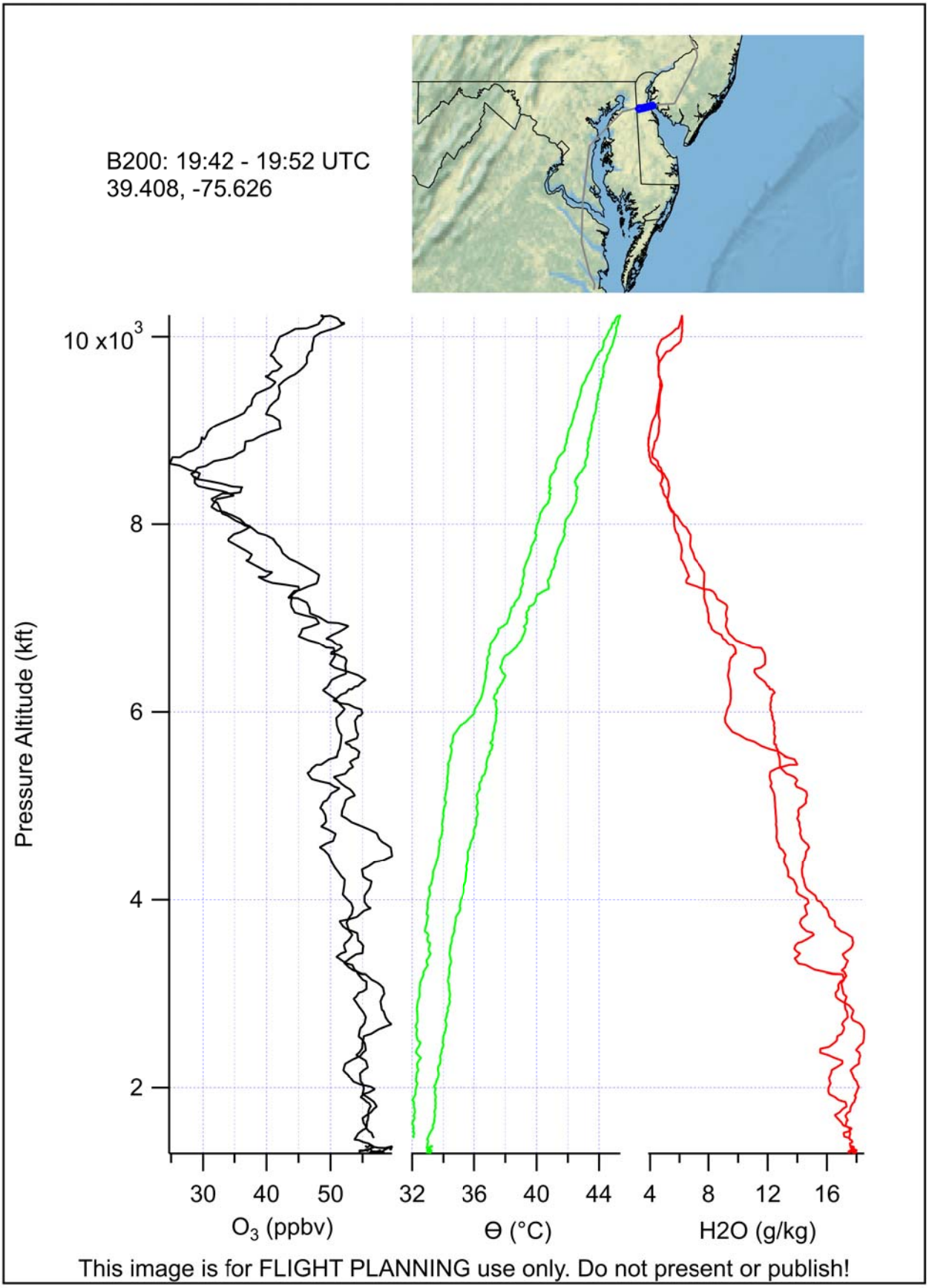

C130: 20:08 - 20:34 UTC
37.946, -75.923
Pressure Altitude (kft)
14 x10^3
12
10
8
6
4
2
45 50 55 60 65
O3 (ppbv)
35 40 45
Θ (°C)
4 8 12 16
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

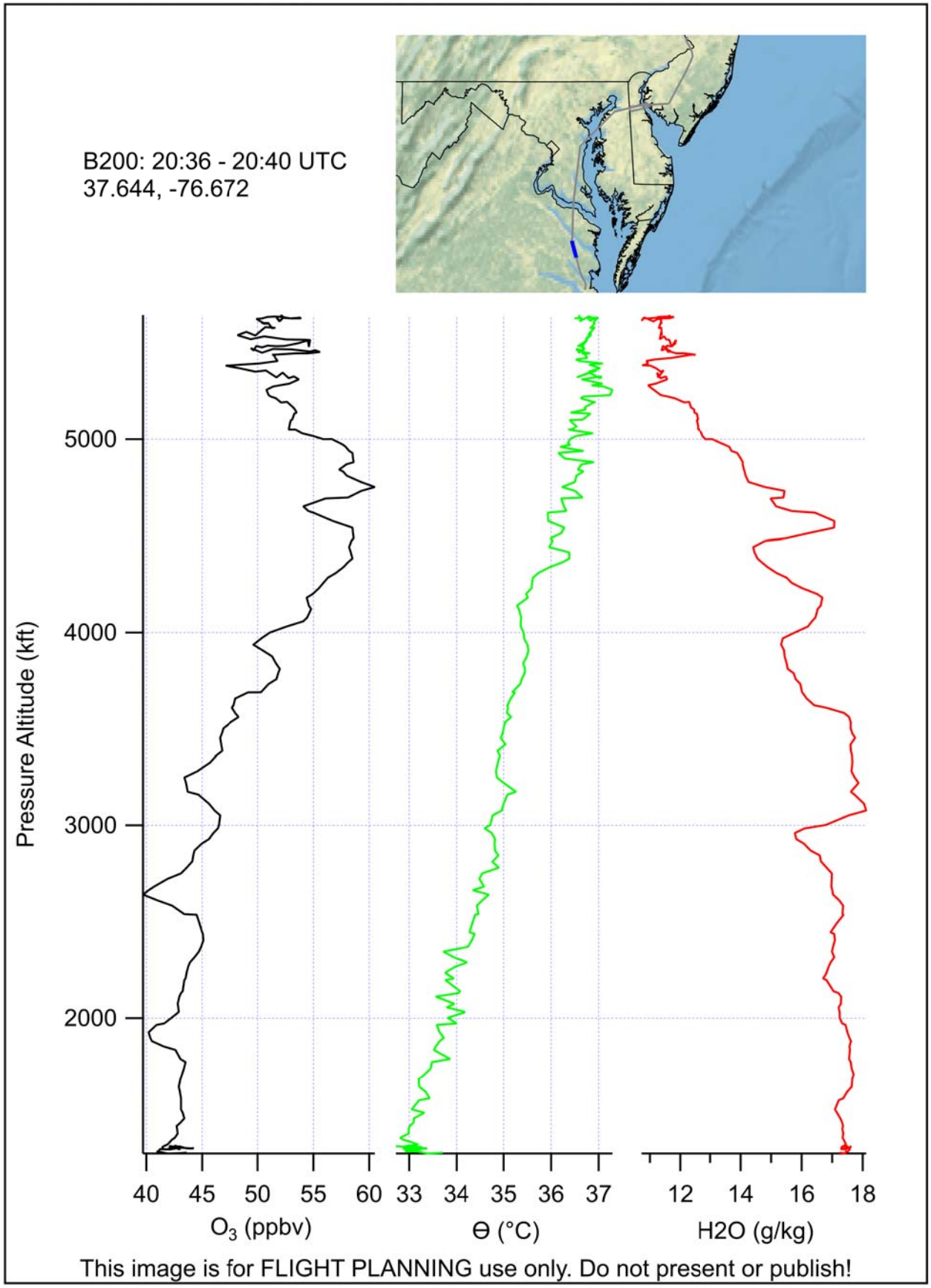

B200: 15:15 - 15:22 UTC
37.082, -76.689
10 x10^3
8
6
4
2
Pressure Altitude (kft)
35 40 45 50
O3 (ppbv)
32 34 36 38 40 42
Θ (°C)
8 12 16
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 15:35 - 15:44 UTC
37.497, -78.137
10 x10^3
8
6
4
2
Pressure Altitude (kft)
38 40 42 44 46
O3 (ppbv)
32 34 36 38 40 42
Θ (°C)
8 12 16
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 16:29 - 16:38 UTC
39.924, -78.144
10 x10^3
8
6
4
Pressure Altitude (kft)
36 40 44 48
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: 17:21 - 17:49 UTC
42.324, -76.802
Pressure Altitude (kft)
10 x10^3
8
6
4
40 45 50 55 60
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: 19:42 - 19:52 UTC
39.408, -75.626
10 x10^3
8
6
4
2
Pressure Altitude (kft)
30 40 50
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: 20:36 - 20:40 UTC
37.644, -76.672
Pressure Altitude (kft)
5000
4000
3000
2000
40 45 50 55 60
O3 (ppbv)
33 34 35 36 37
Θ (°C)
12 14 16 18
H2O (g/kg)
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