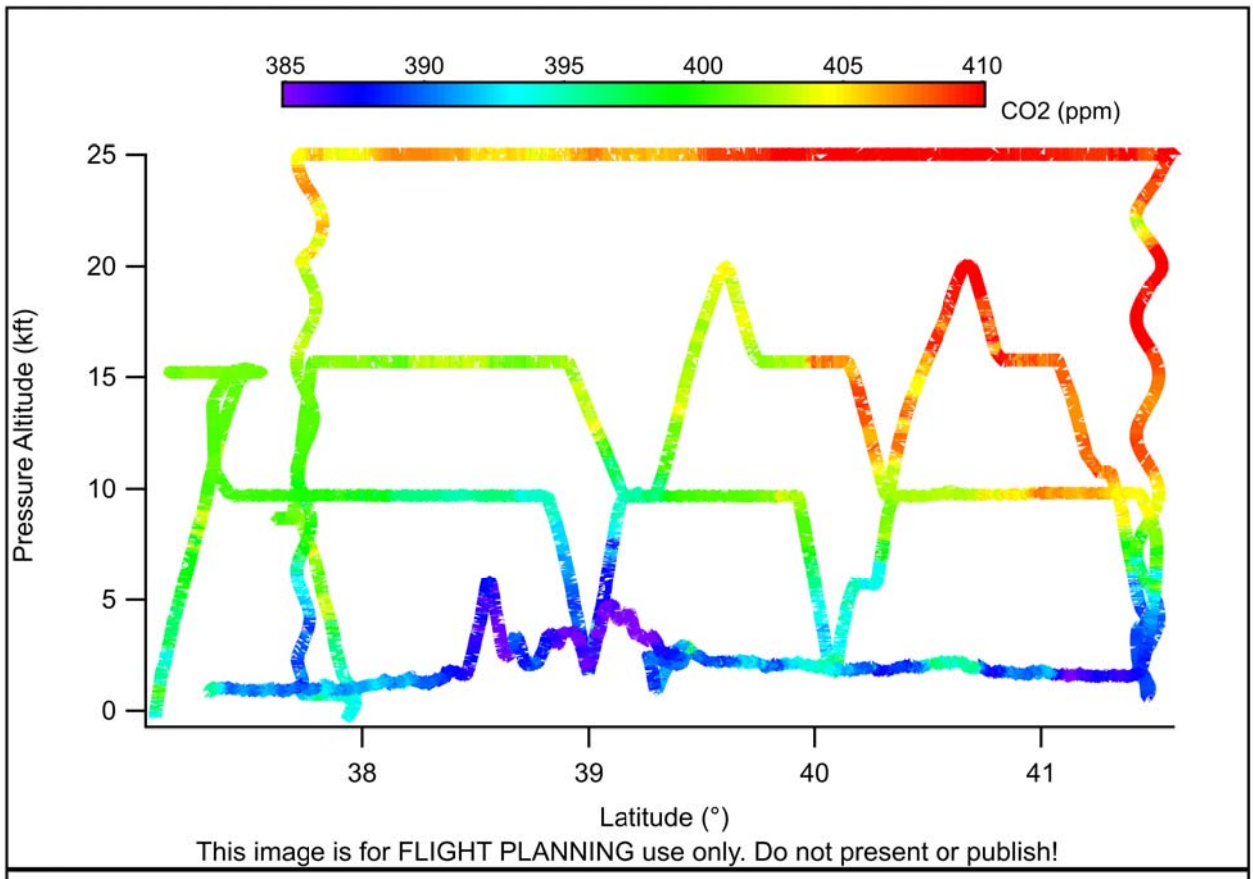
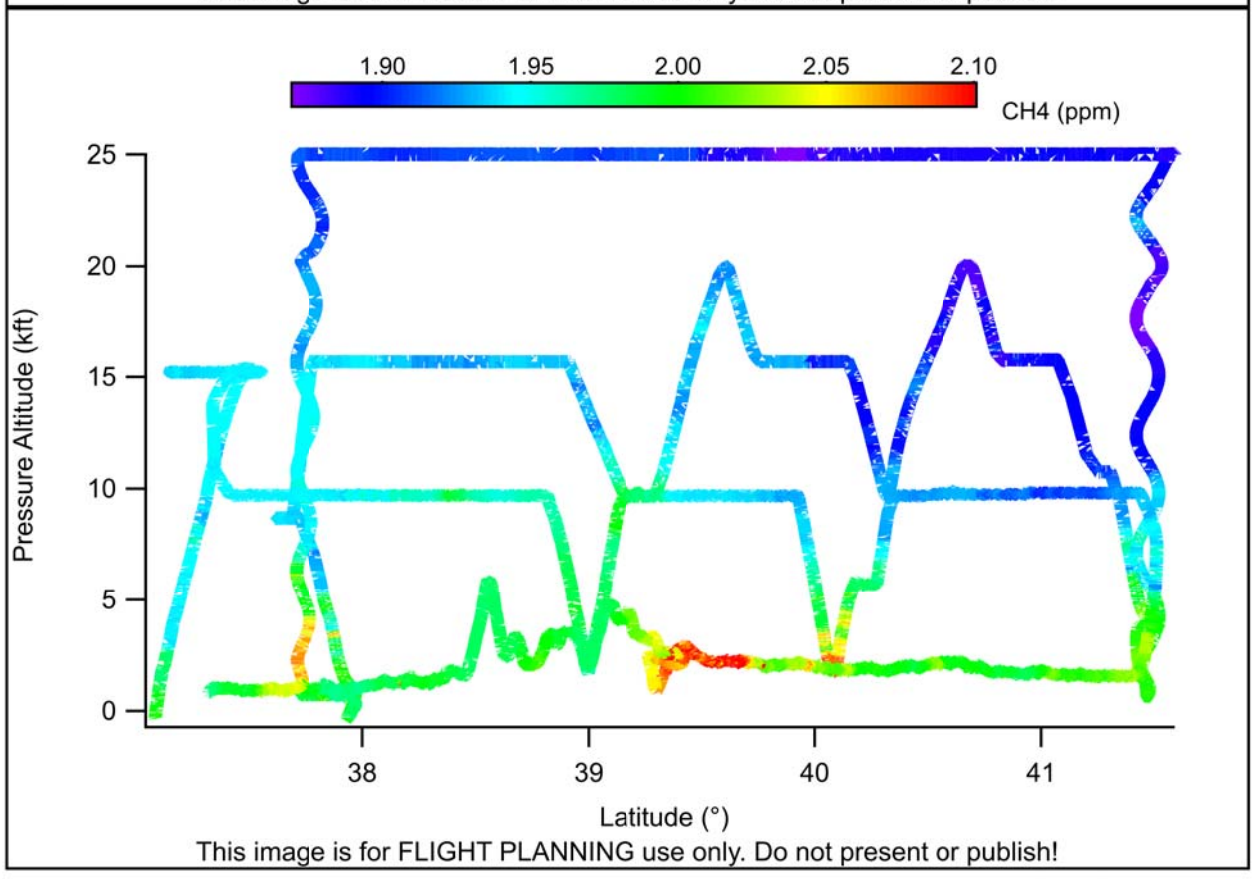
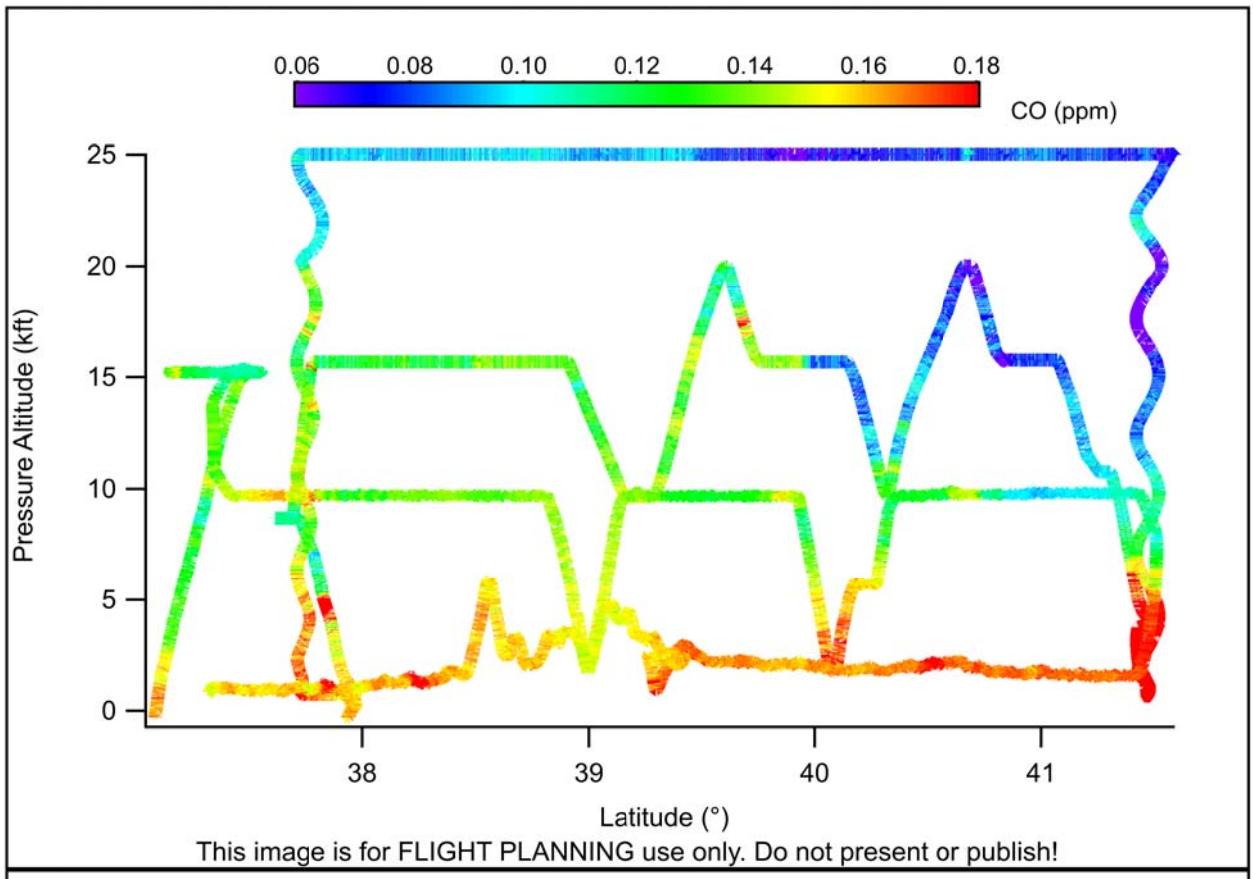
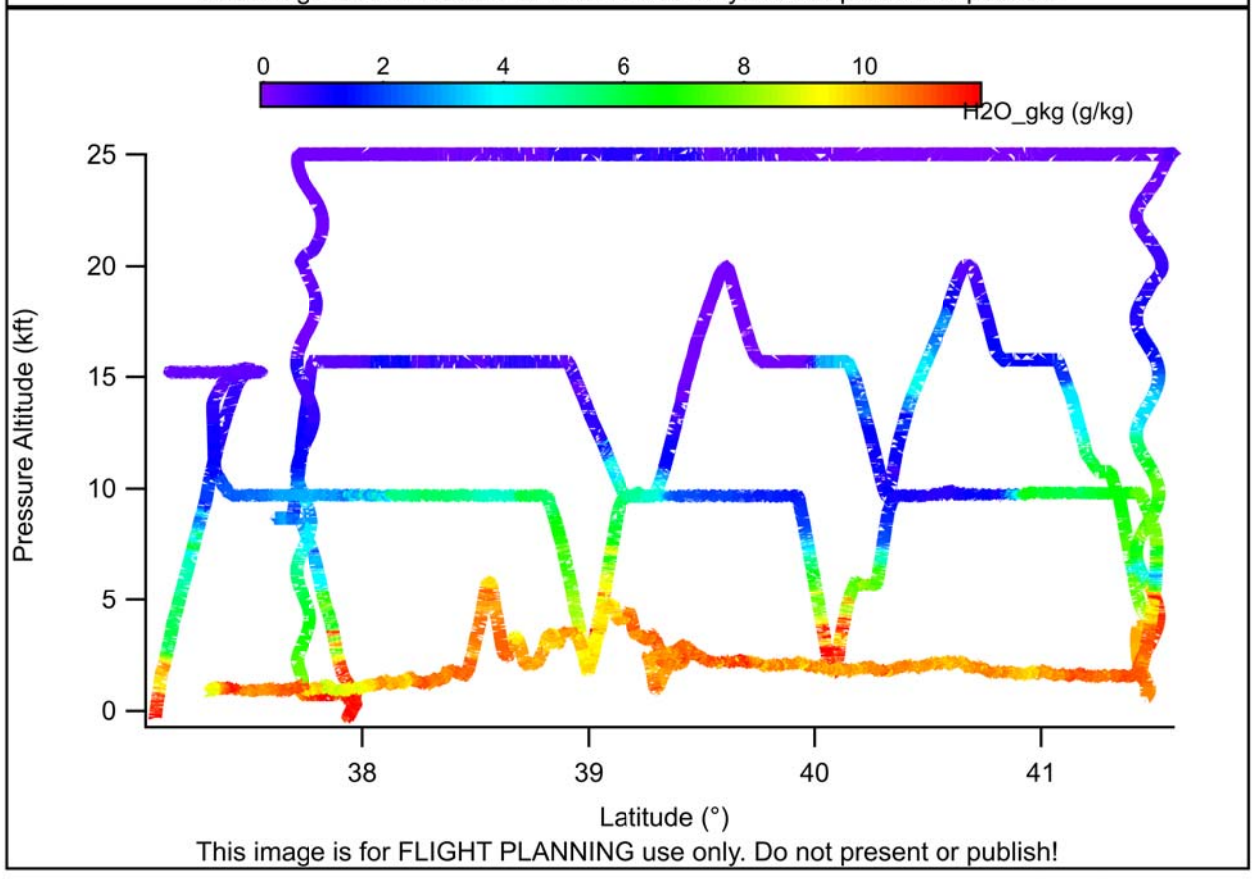
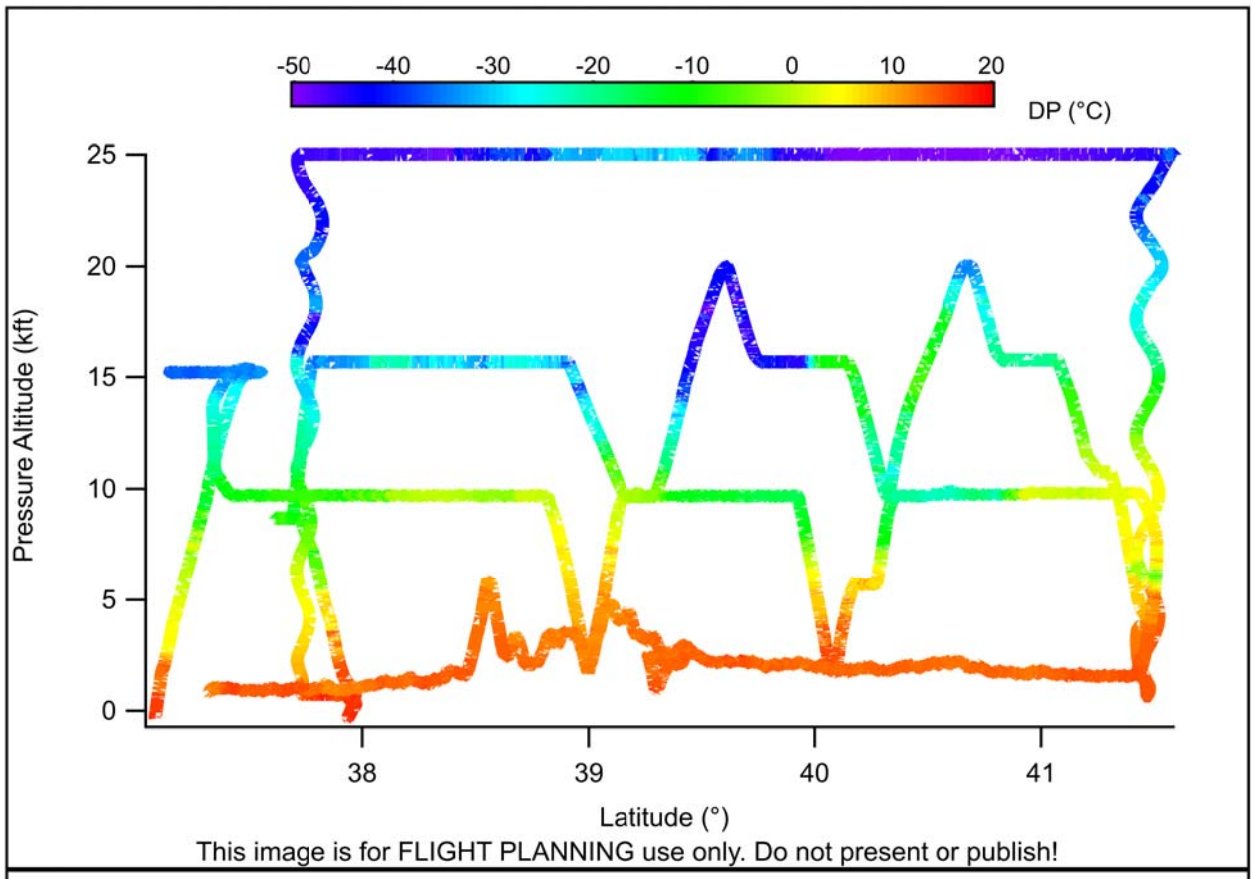
ACT-America 20190727

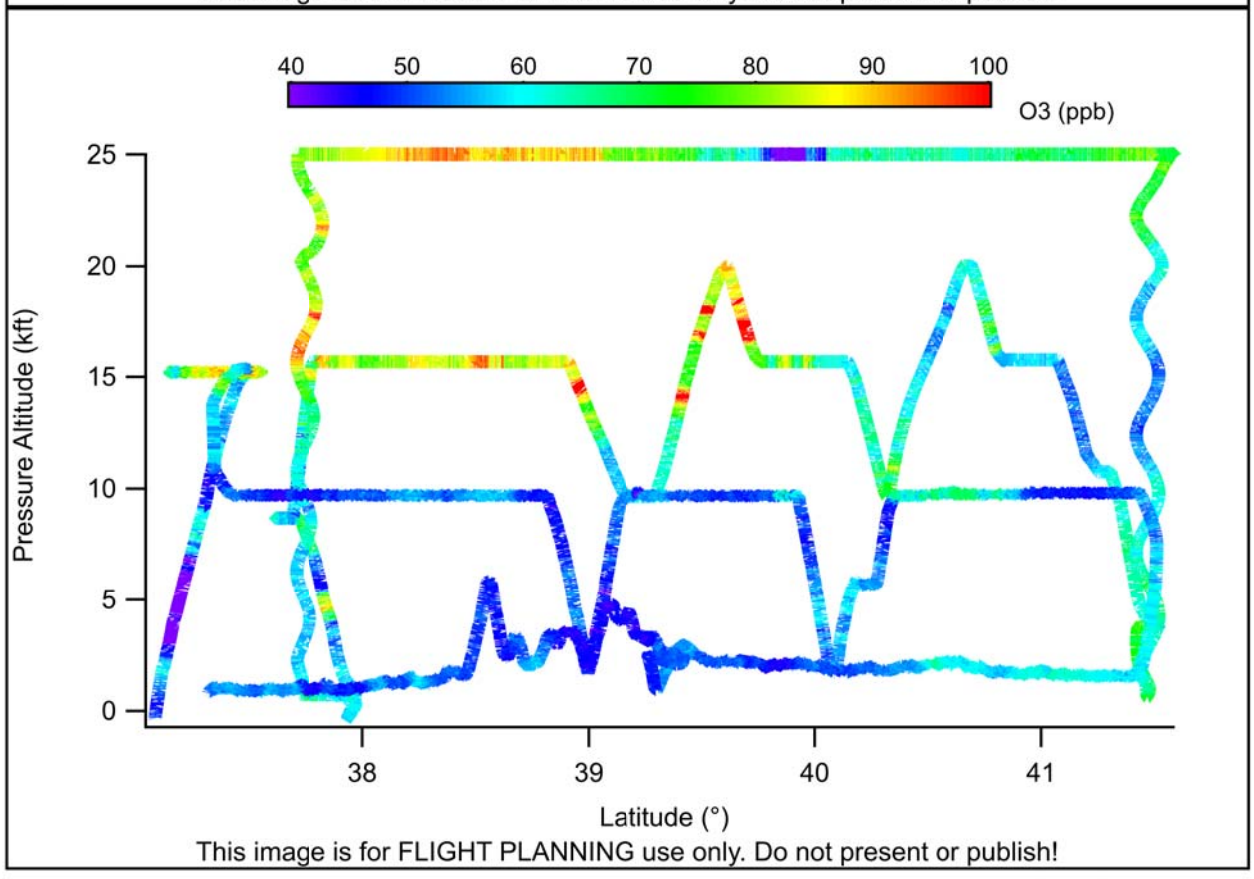

385
390
395
400
405
410
CO2 (ppm)
25
20
15
10
5
0
Pressure Altitude (kft)
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

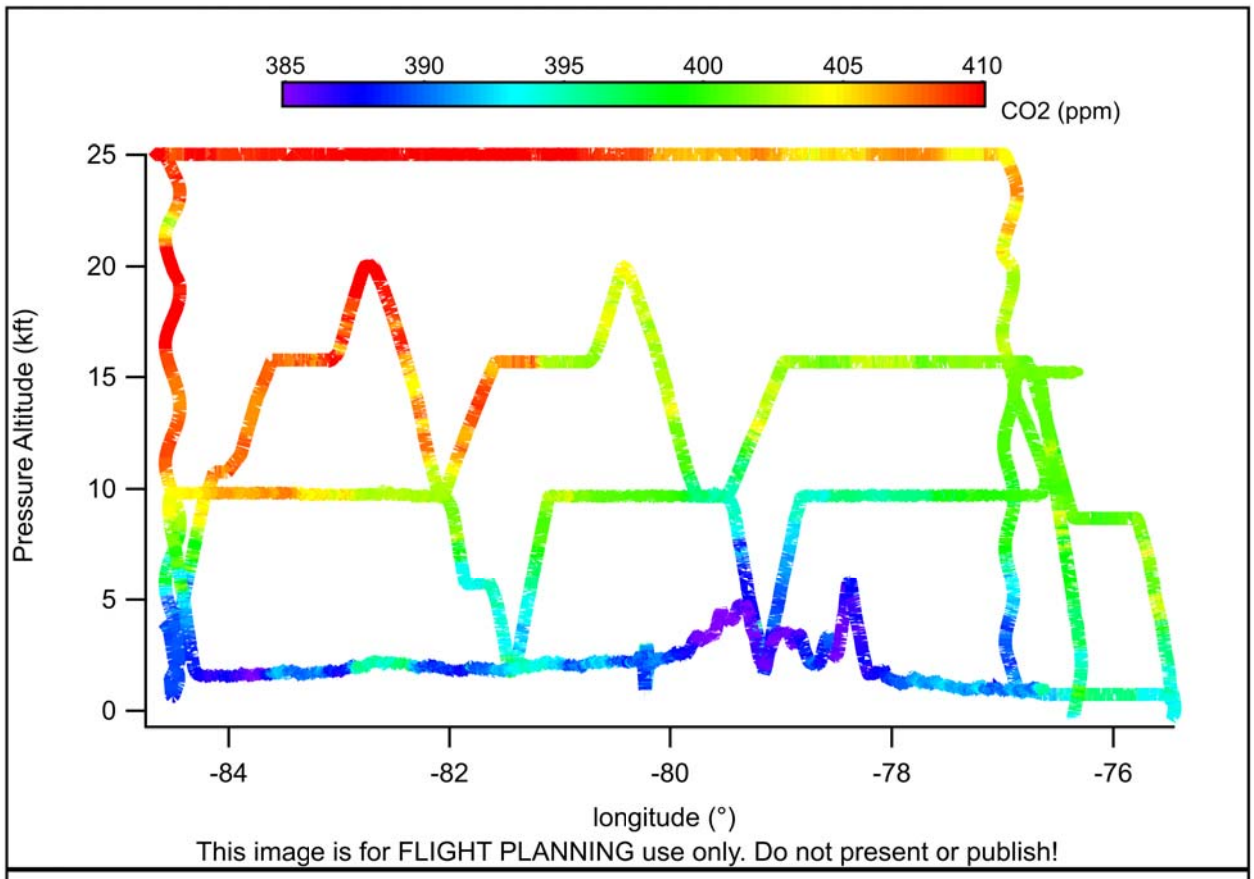

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
25
20
15
10
5
0
Pressure Altitude (kft)
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

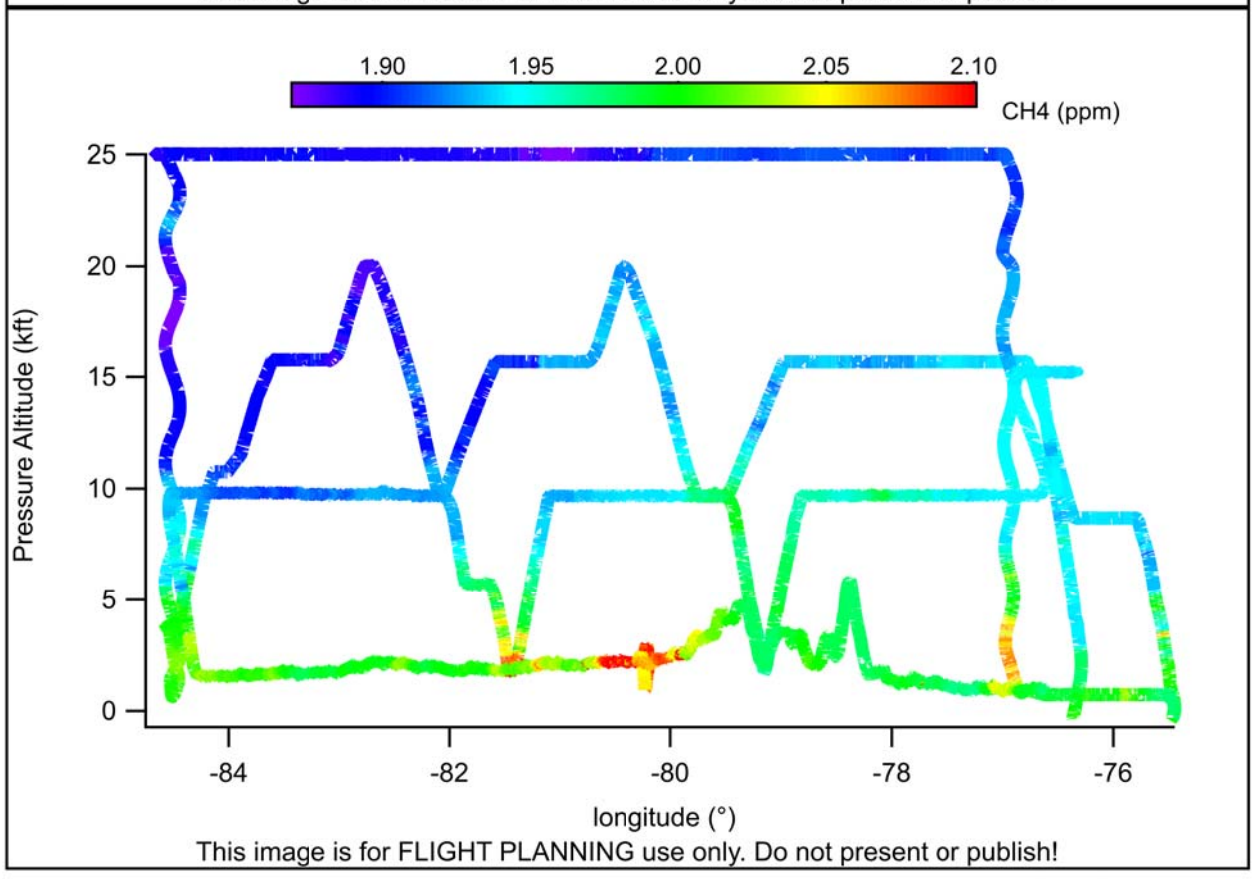

0.06
0.08
0.10
0.12
0.14
0.16
0.18
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

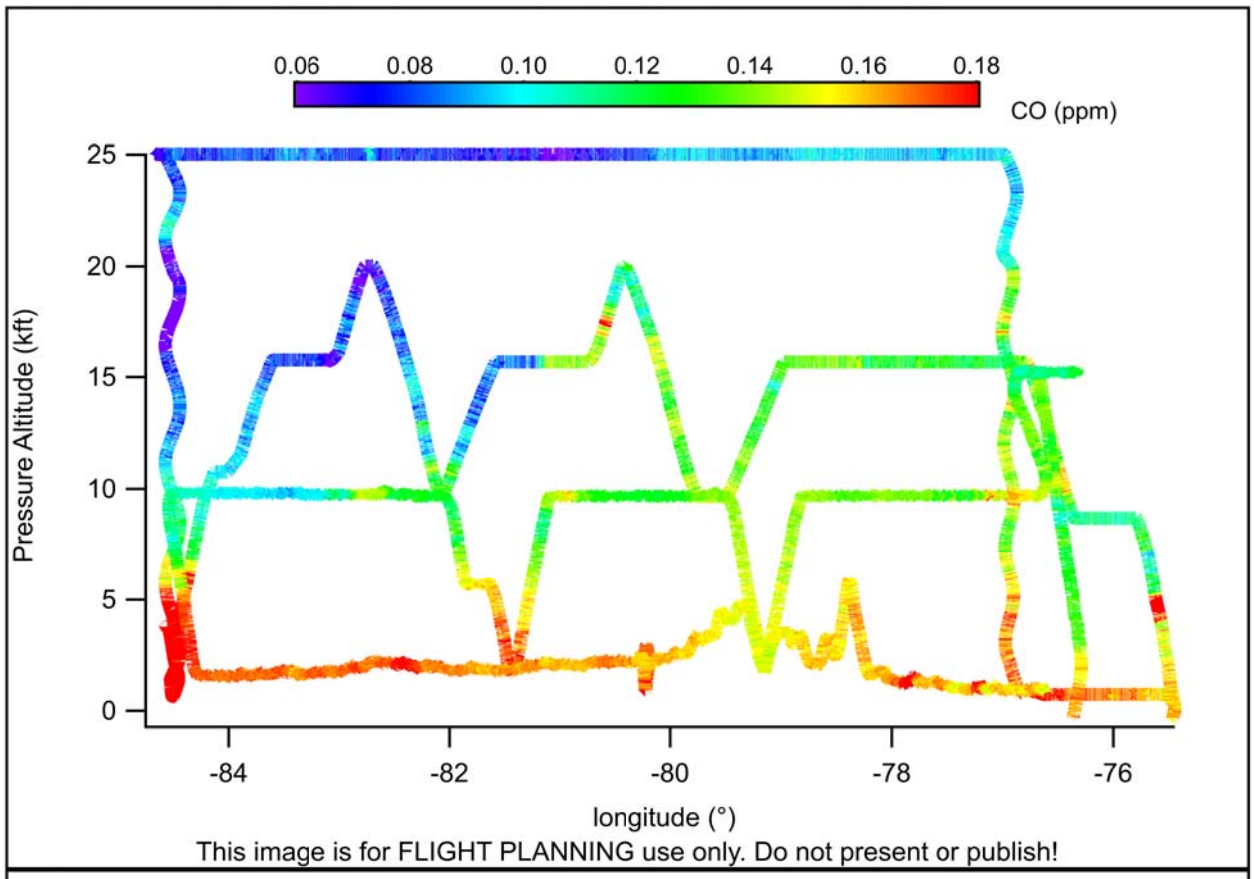

0
2
4
6
8
10
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

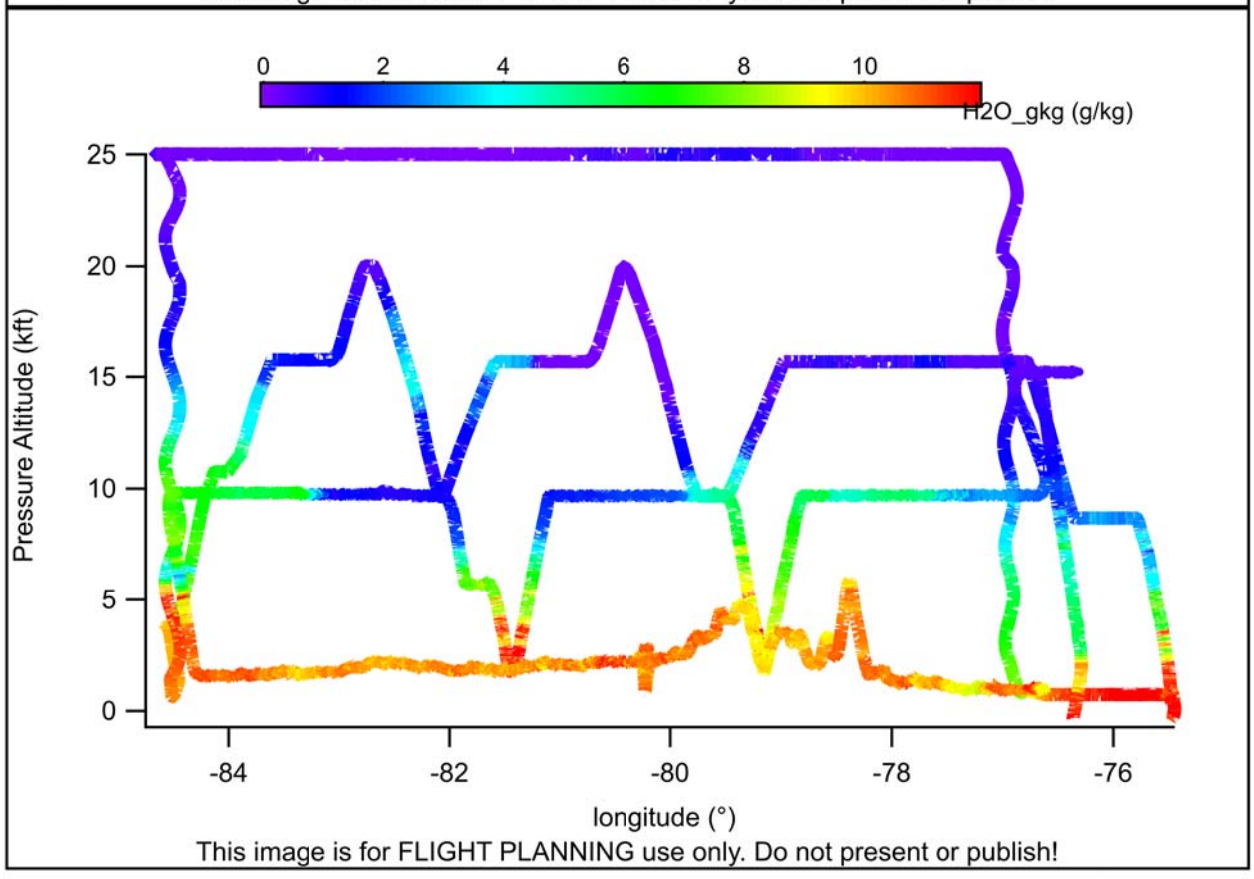

-50 -40 -30 -20 -10 0 10 20
DP (°C)
25
20
15
10
5
0
Pressure Altitude (kft)
38 39 40 41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

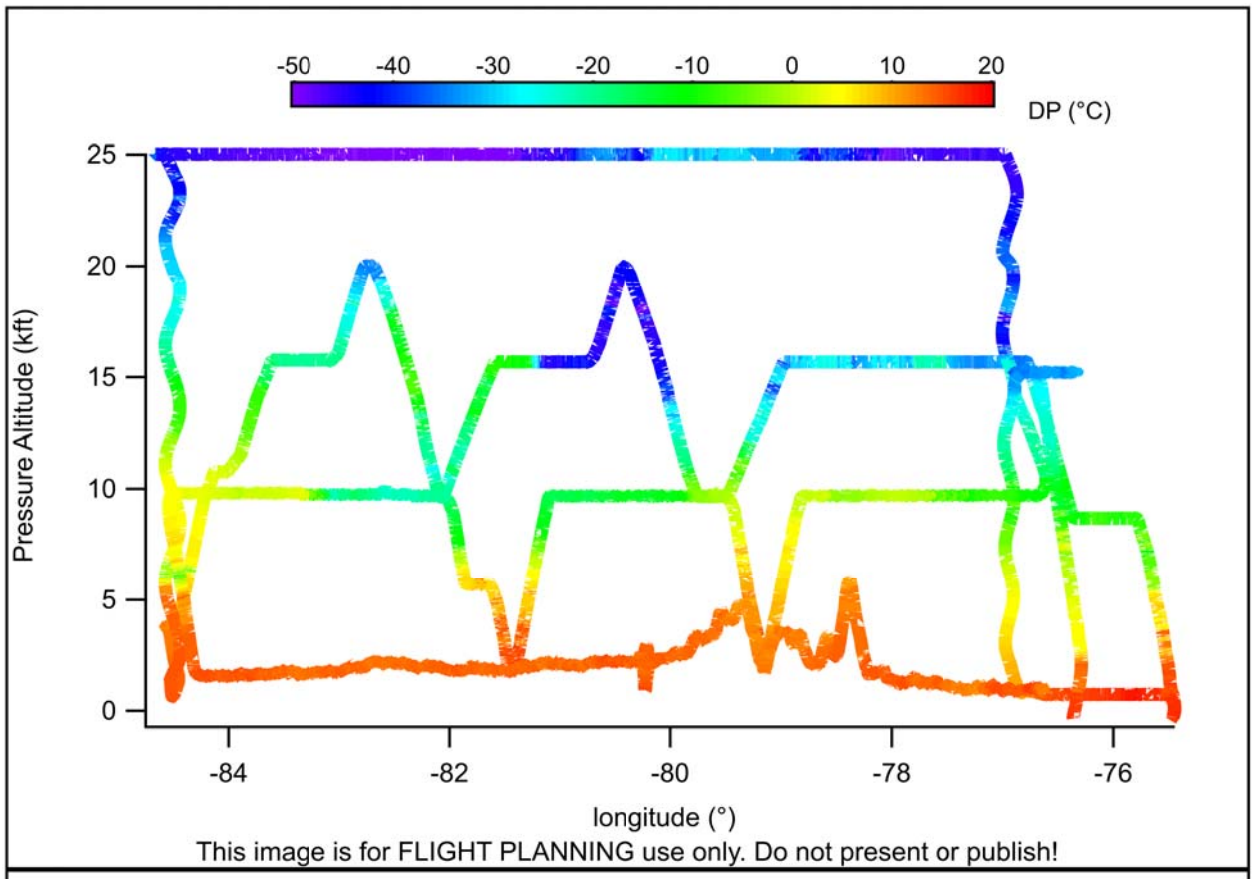

40 50 60 70 80 90 100
O3 (ppb)
25
20
15
10
5
0
Pressure Altitude (kft)
38 39 40 41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

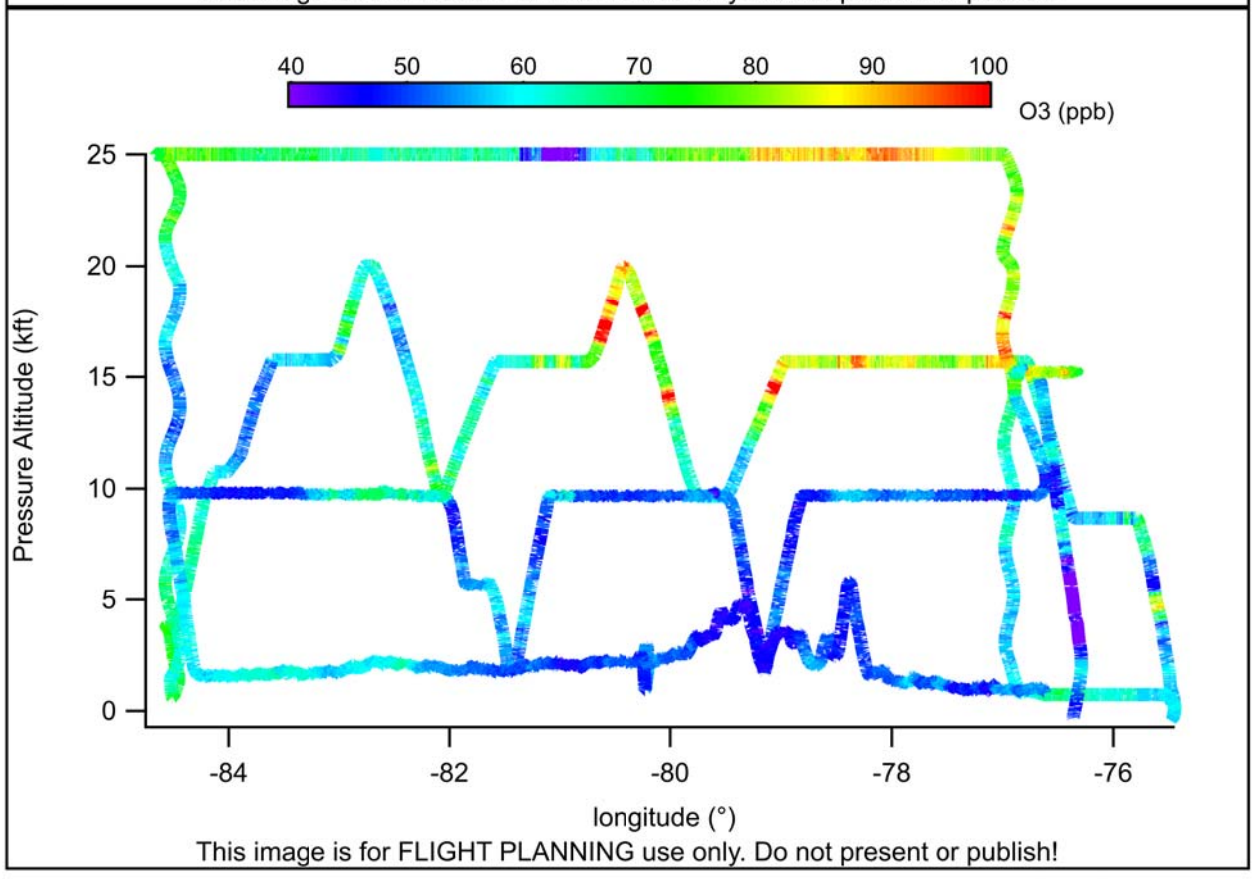

385
390
395
400
405
410
CO2 (ppm)
25
20
15
10
5
0
Pressure Altitude (kft)
-84
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

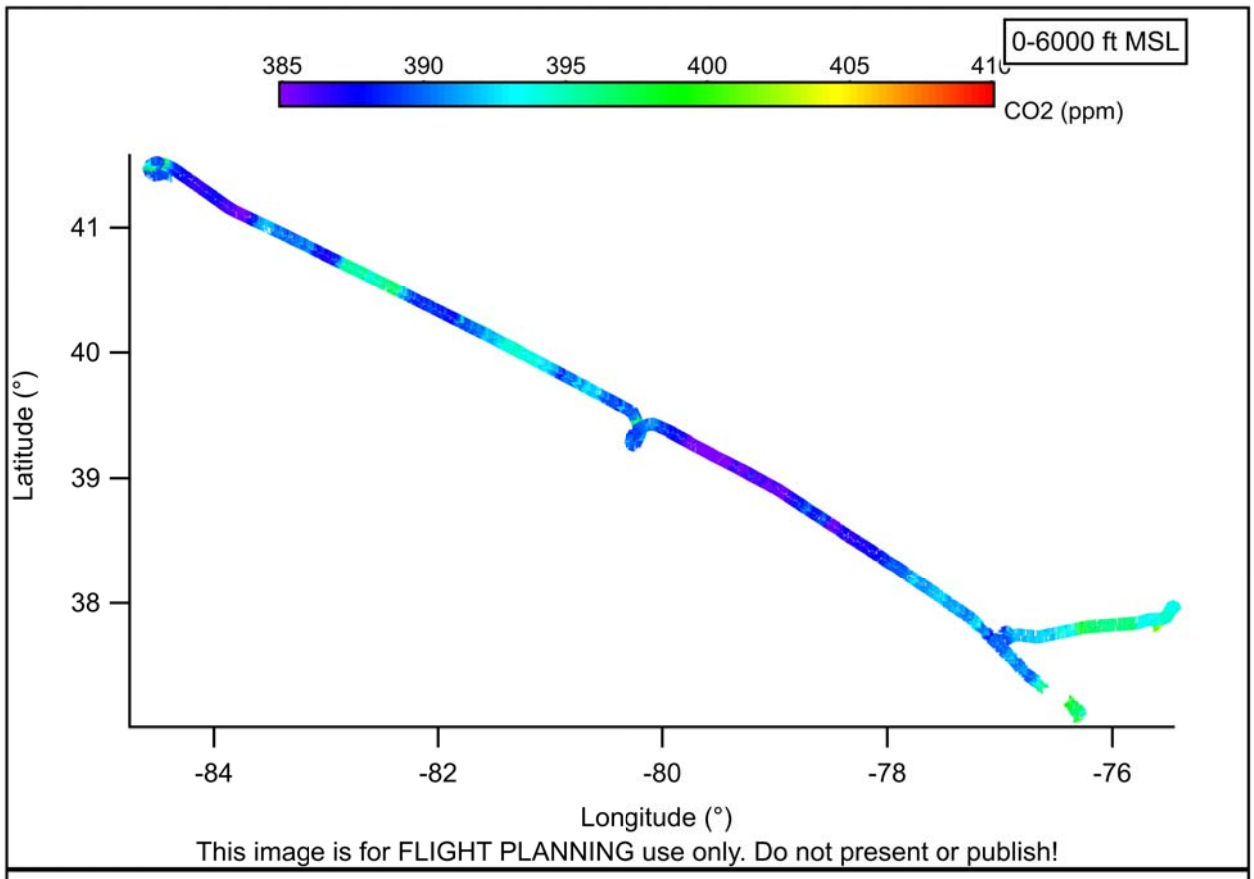

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
25
20
15
10
5
0
Pressure Altitude (kft)
-84
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

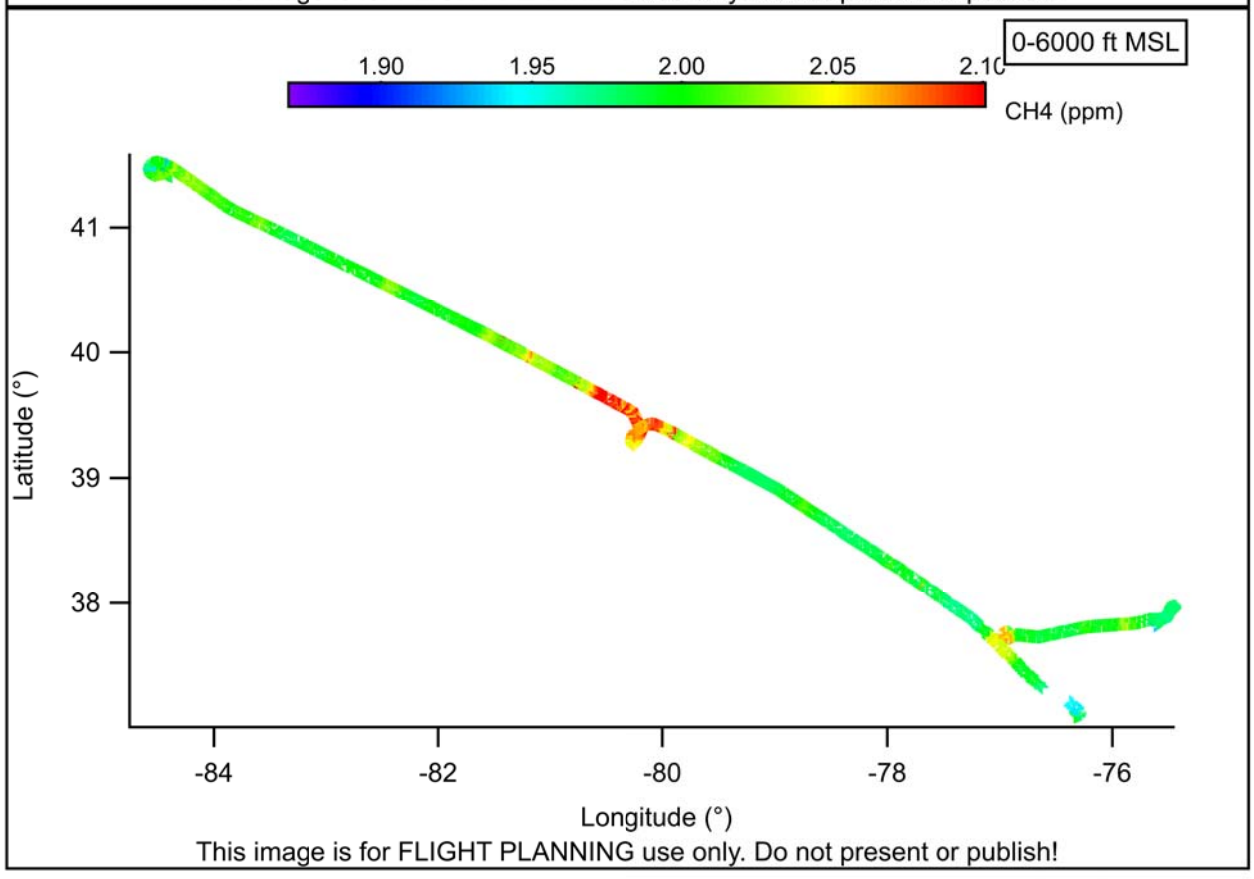

0.06
0.08
0.10
0.12
0.14
0.16
0.18
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-84
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

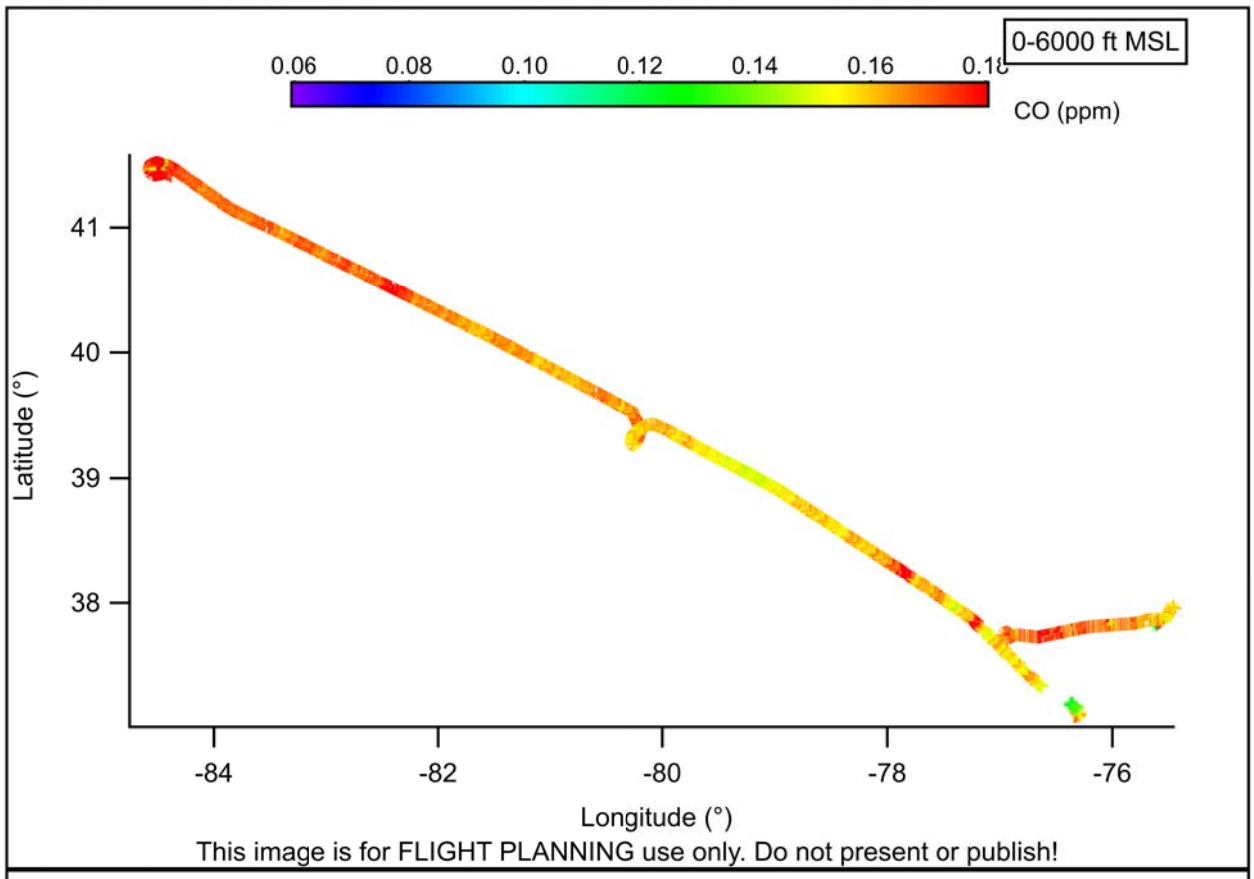

0
2
4
6
8
10
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
-84
-82
-80
-78
-76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

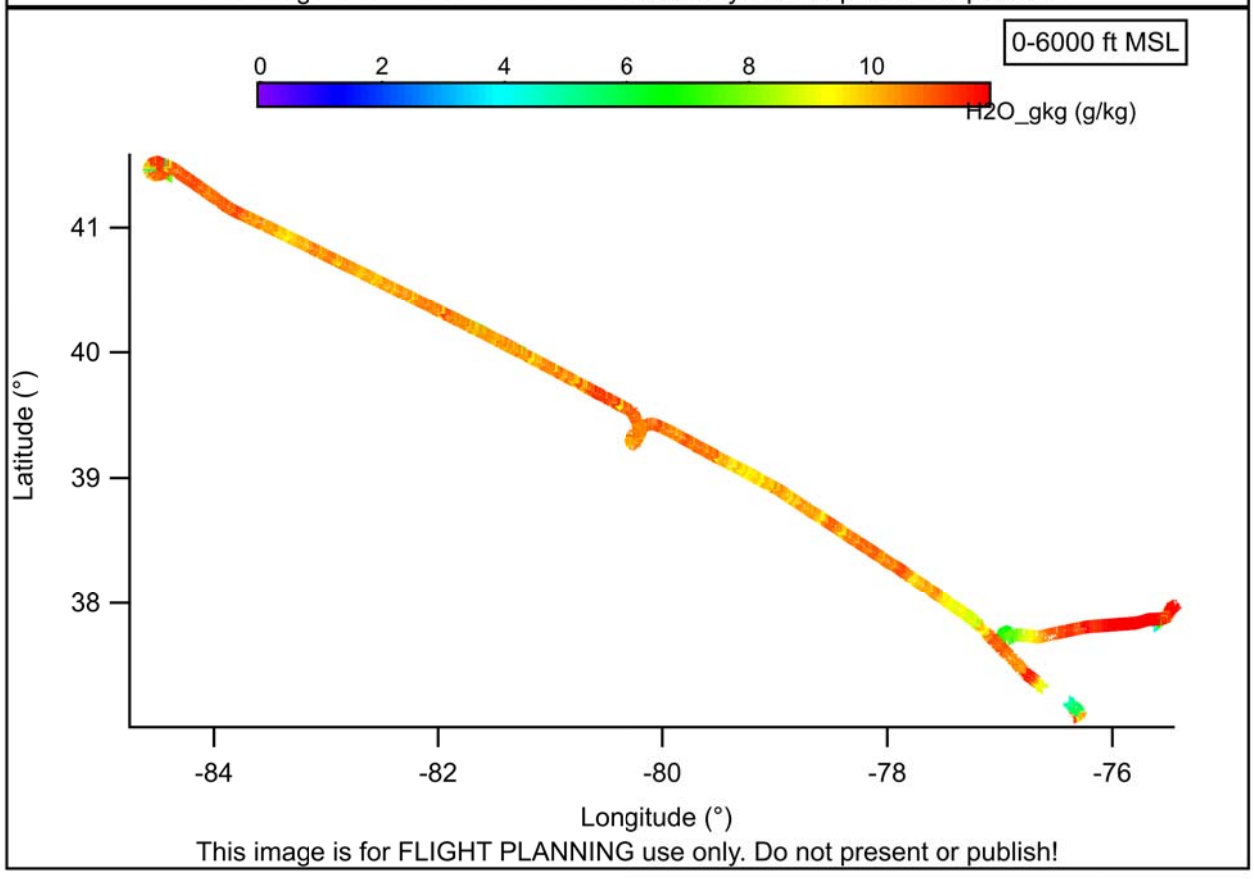

-50 -40 -30 -20 -10 0 10 20
DP (°C)
25
20
15
10
5
0
Pressure Altitude (kft)
-84 -82 -80 -78 -76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

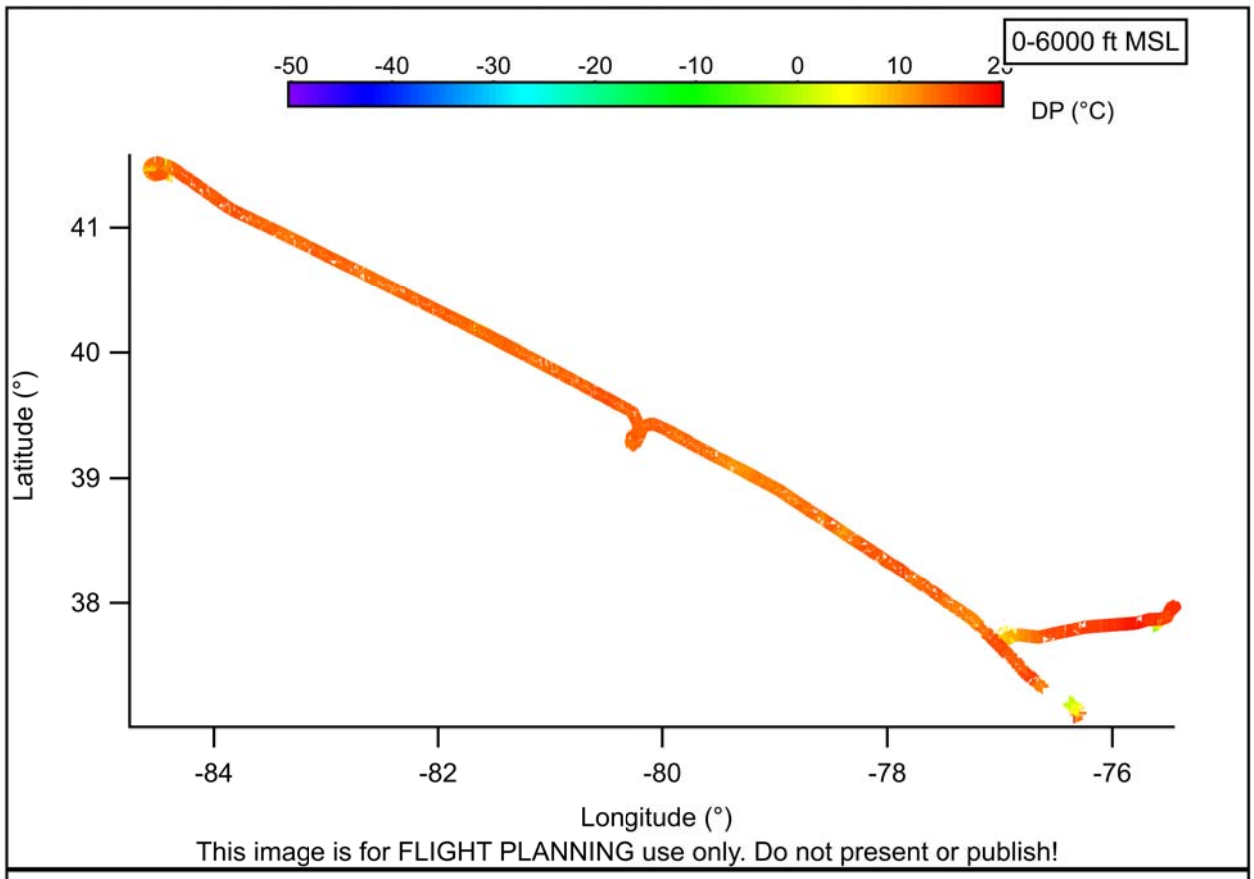

40 50 60 70 80 90 100
O3 (ppb)
25
20
15
10
5
0
Pressure Altitude (kft)
-84 -82 -80 -78 -76
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

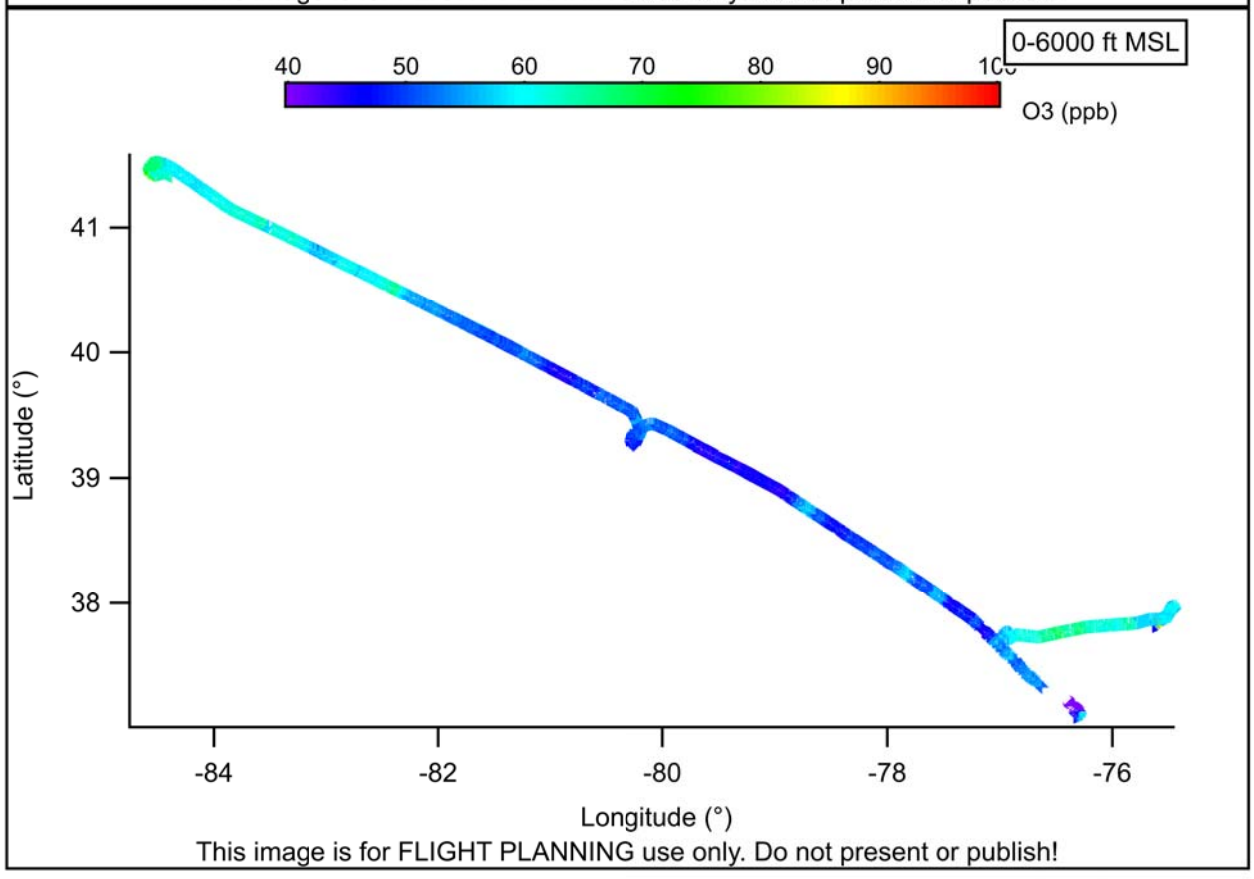

0-6000 ft MSL
385
390
395
400
405
CO2 (ppm)
41
40
39
38
Latitude (°)
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

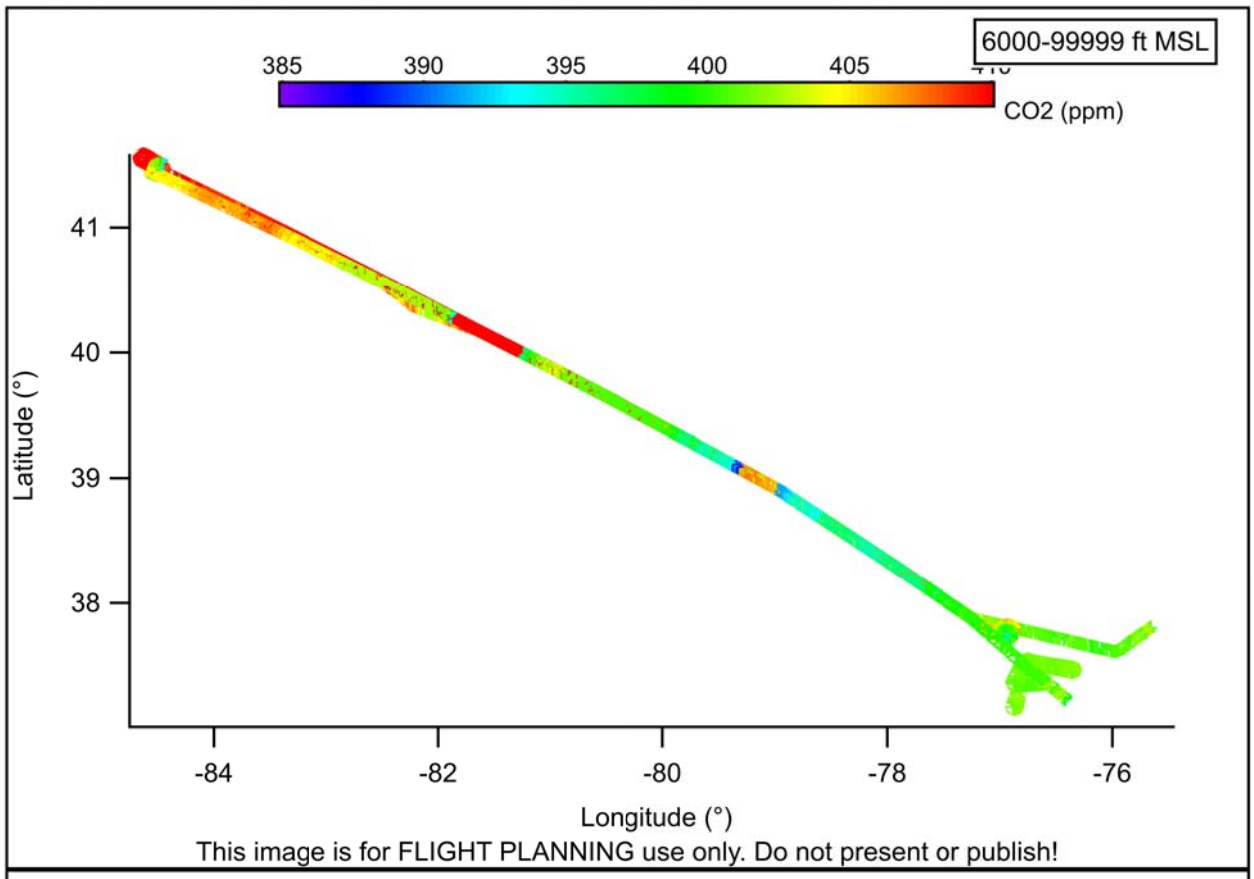

0-6000 ft MSL
1.90
1.95
2.00
2.05
CH4 (ppm)
41
40
39
38
Latitude (°)
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

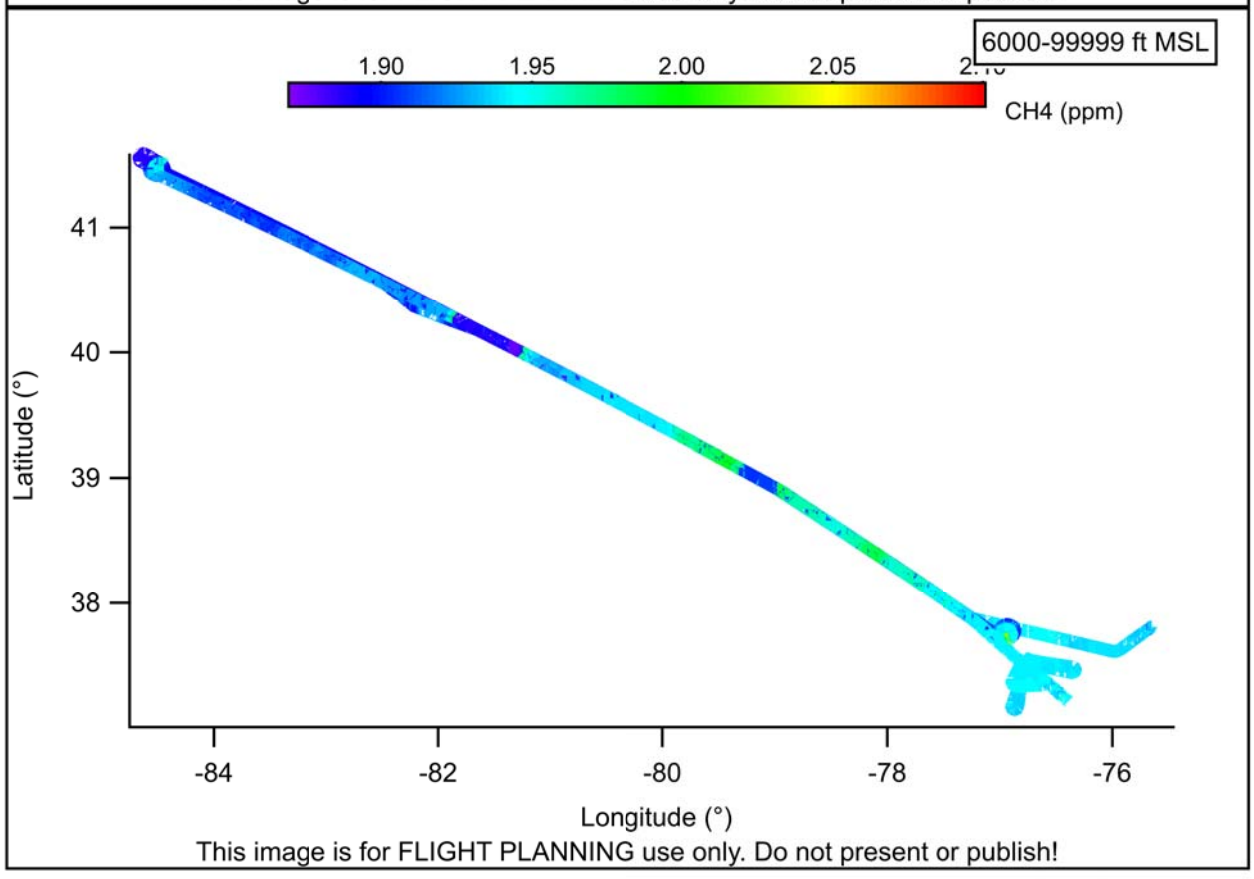

0-6000 ft MSL
0.06
0.08
0.10
0.12
0.14
0.16
CO (ppm)
41
40
39
38
Latitude (°)
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

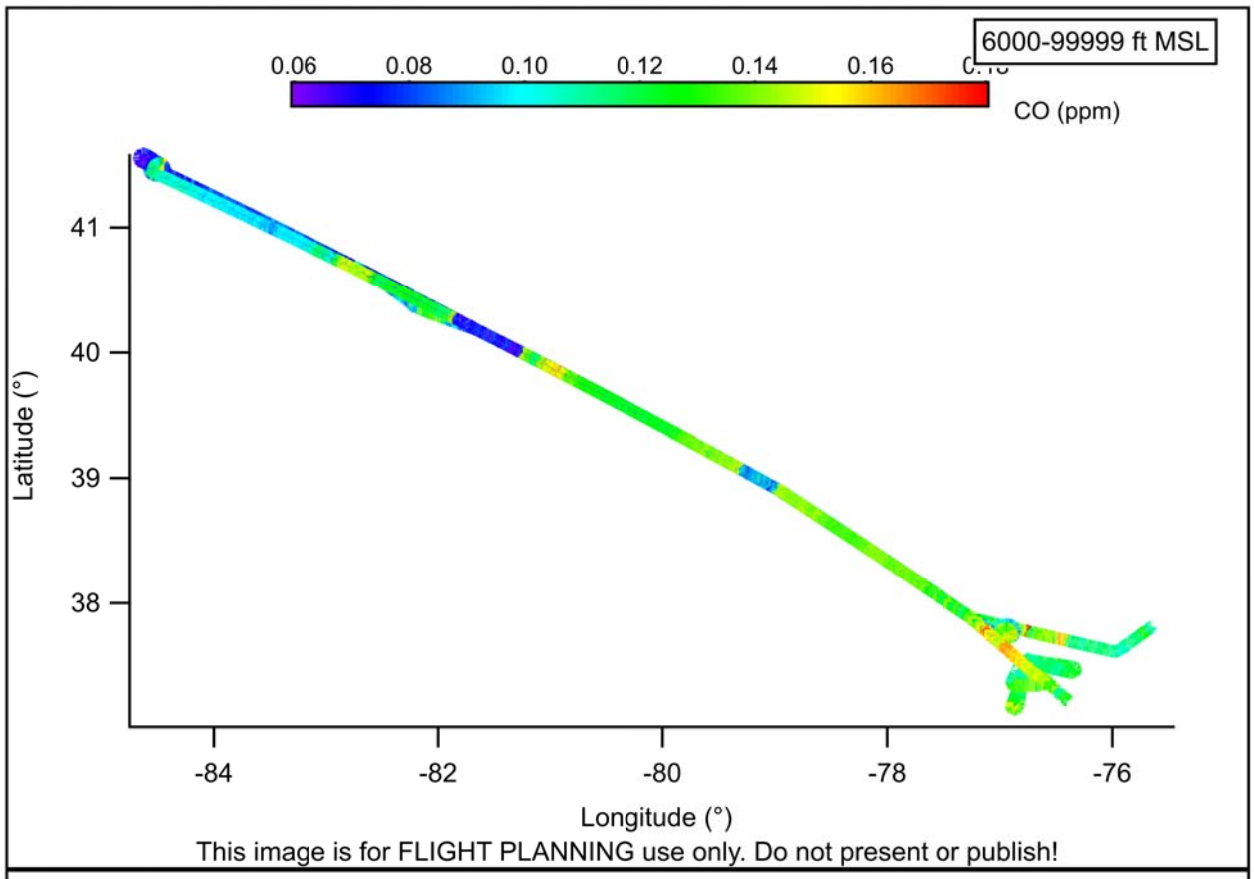

0-6000 ft MSL
0
2
4
6
8
10
H2O_gkg (g/kg)
41
40
39
38
Latitude (°)
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

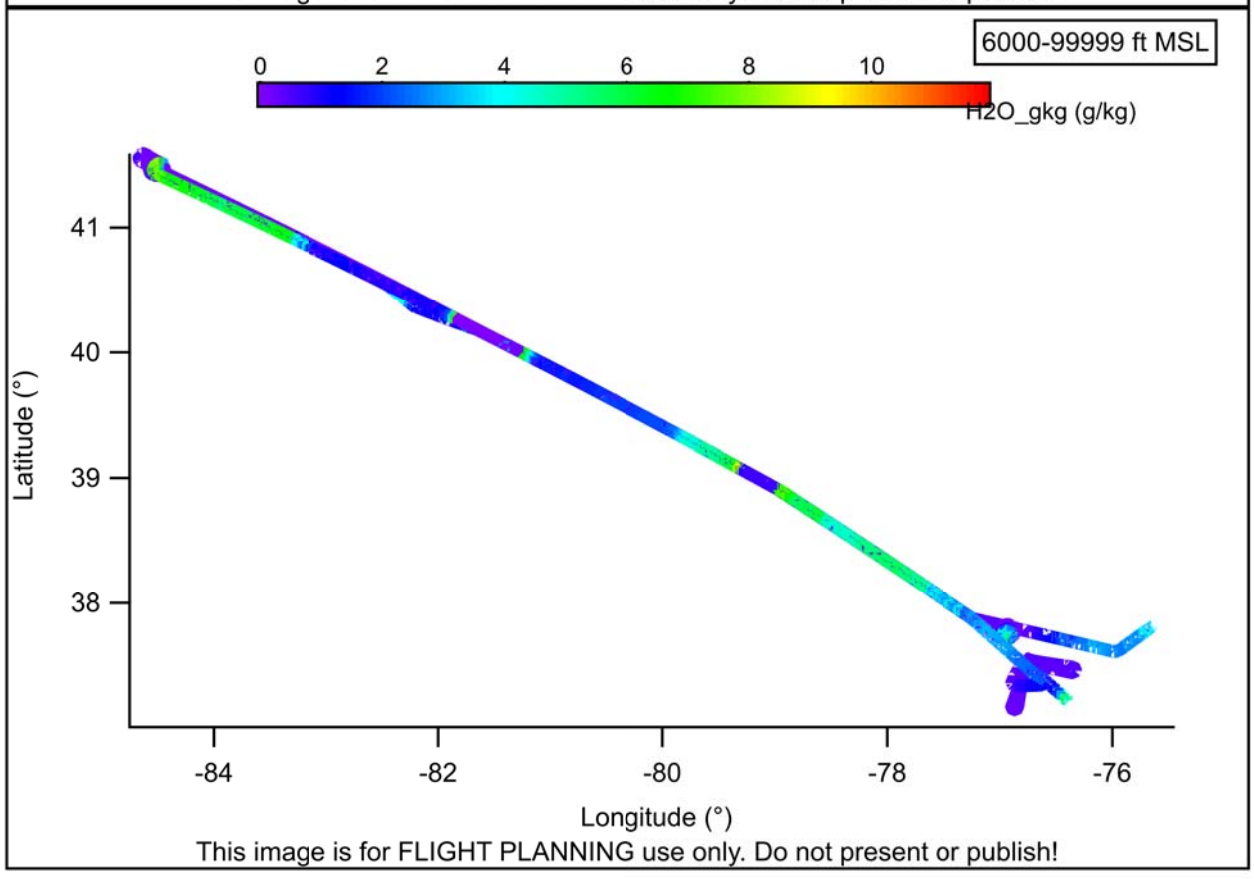

0-6000 ft MSL
-50 -40 -30 -20 -10 0 10
DP (°C)
41
40
39
38
Latitude (°)
-84 -82 -80 -78 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

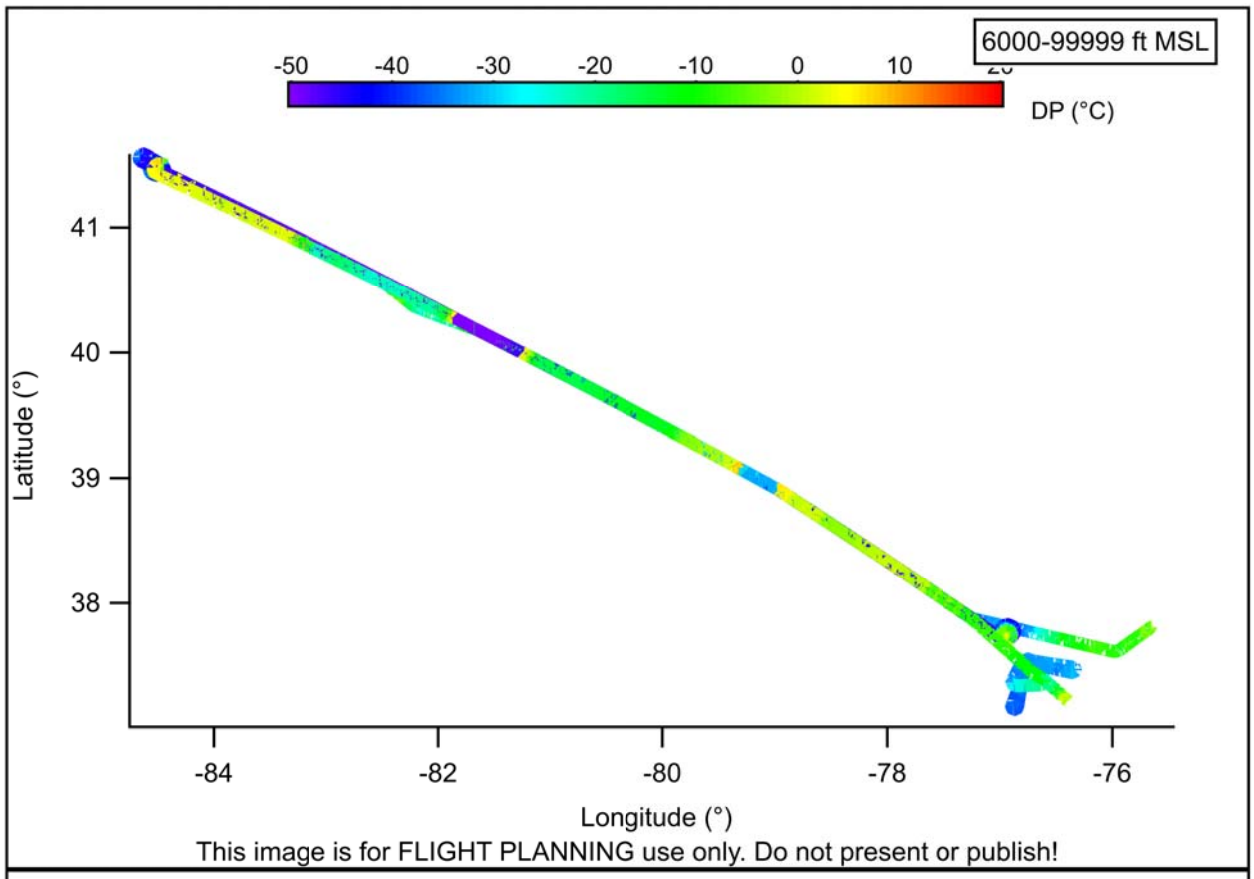

0-6000 ft MSL
40 50 60 70 80 90
O3 (ppb)
41
40
39
38
Latitude (°)
-84 -82 -80 -78 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

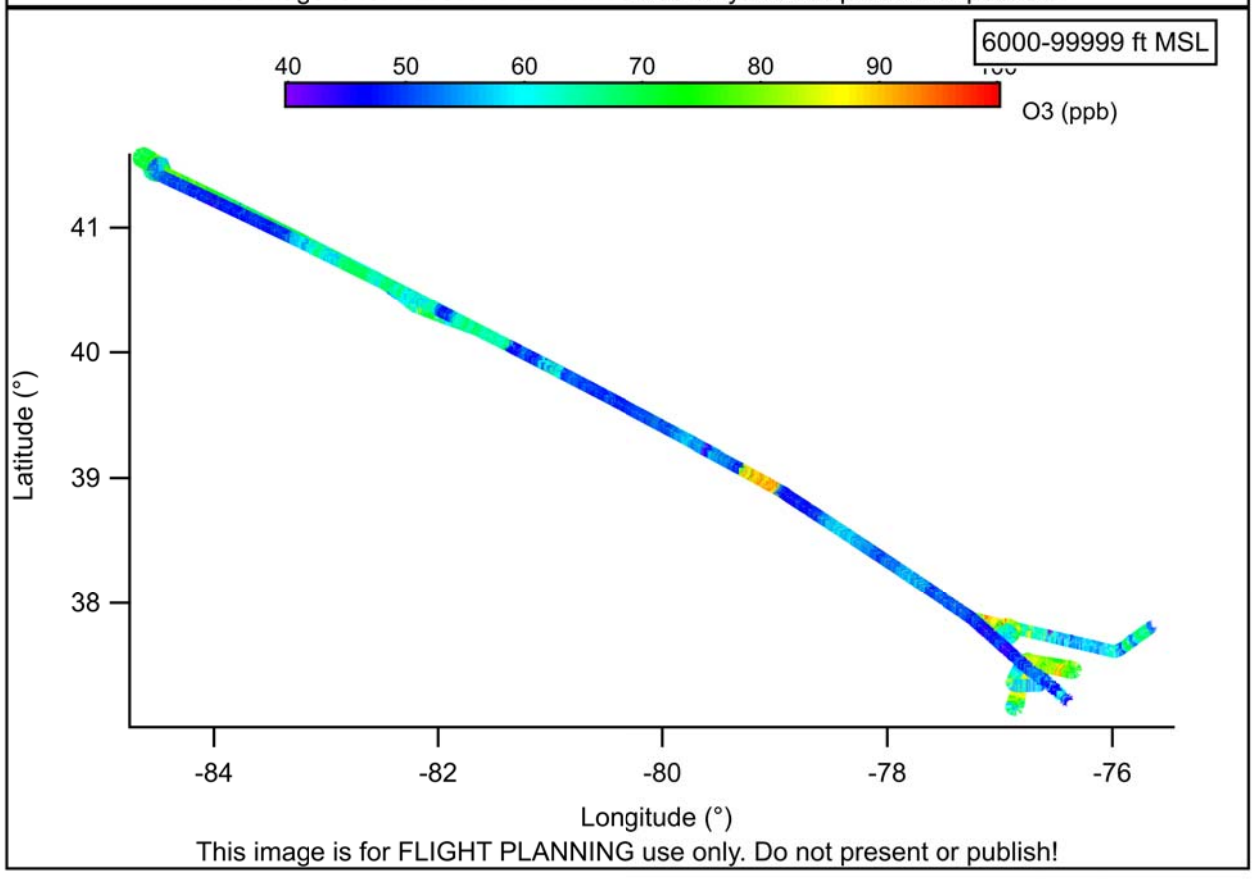

6000-99999 ft MSL
385
390
395
400
405
CO2 (ppm)
41
40
39
38
Latitude (°)
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

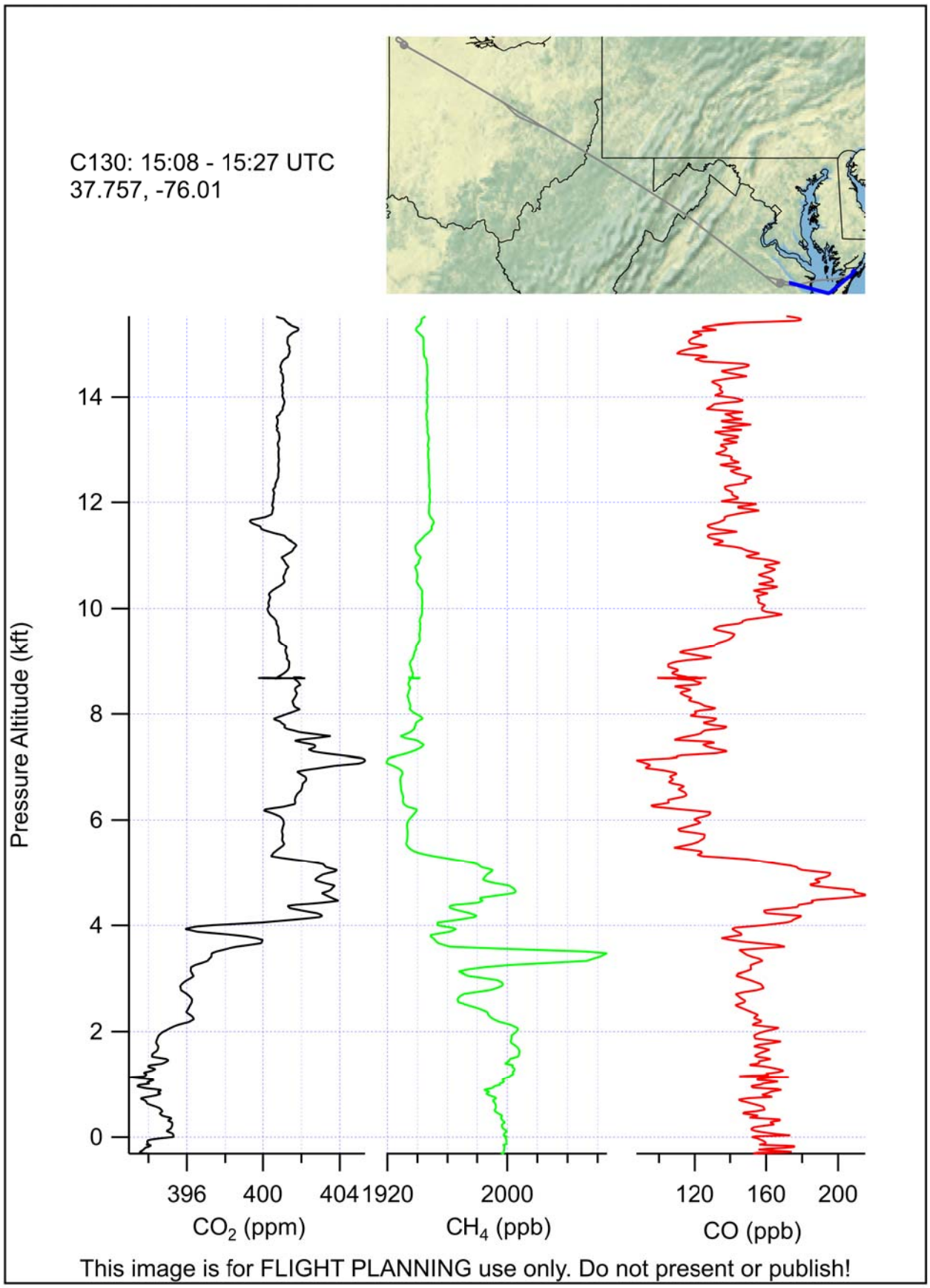

6000-99999 ft MSL
1.90
1.95
2.00
2.05
CH4 (ppm)
41
40
39
38
Latitude (°)
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

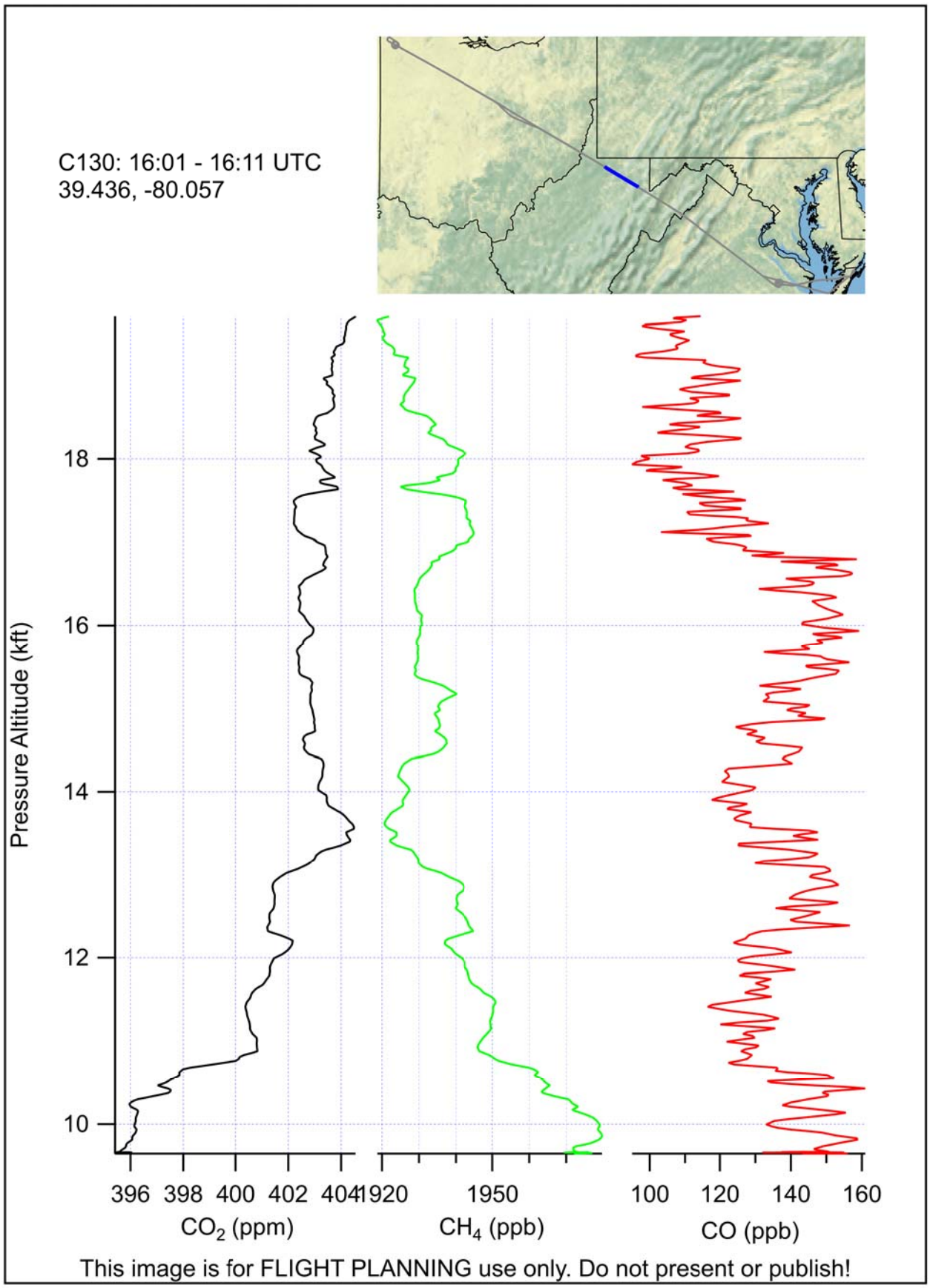

6000-99999 ft MSL
0.06
0.08
0.10
0.12
0.14
0.16
CO (ppm)
41
40
39
38
Latitude (°)
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

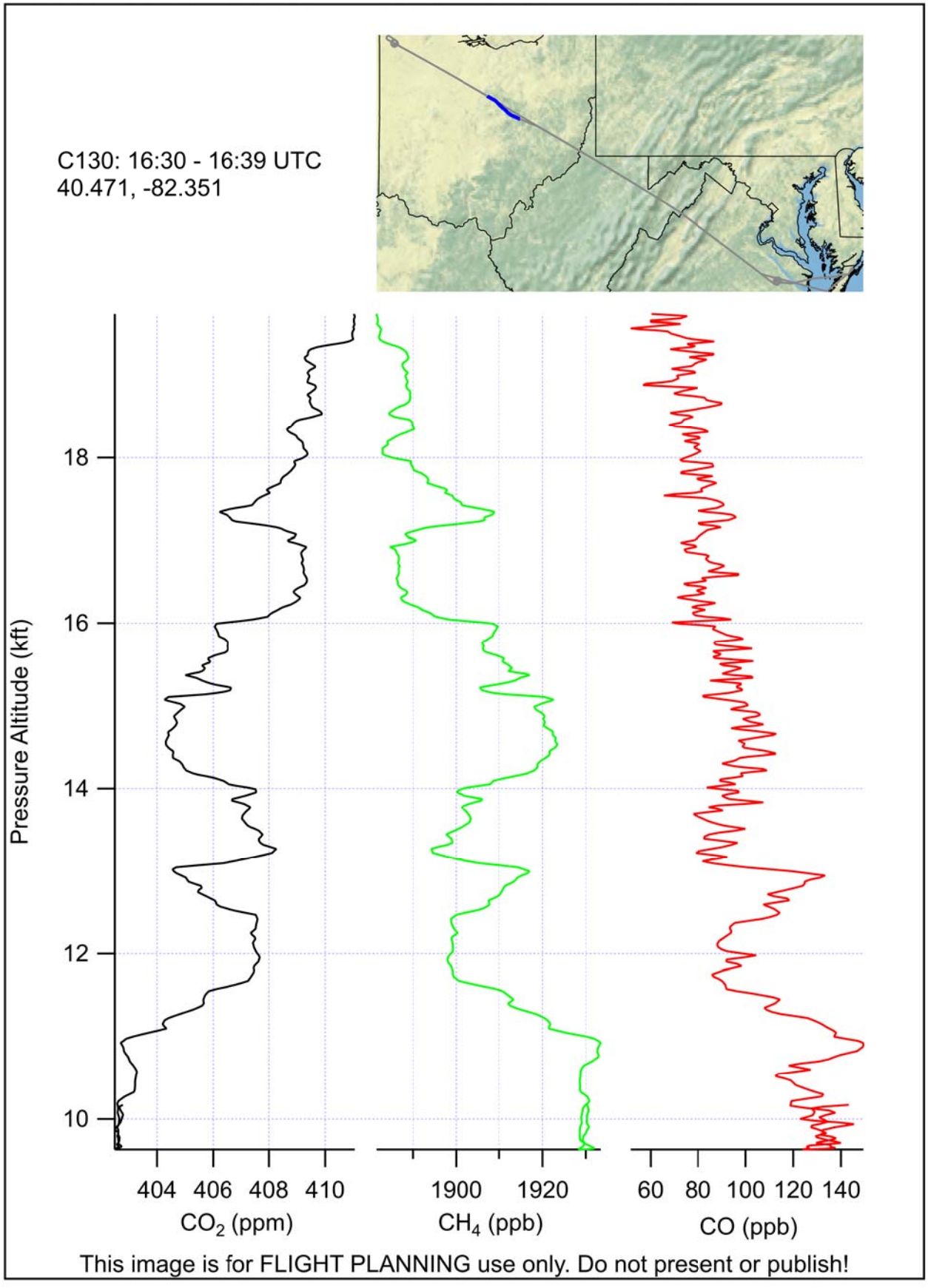

6000-99999 ft MSL
0
2
4
6
8
10
H2O_gkg (g/kg)
41
40
39
38
Latitude (°)
-84
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

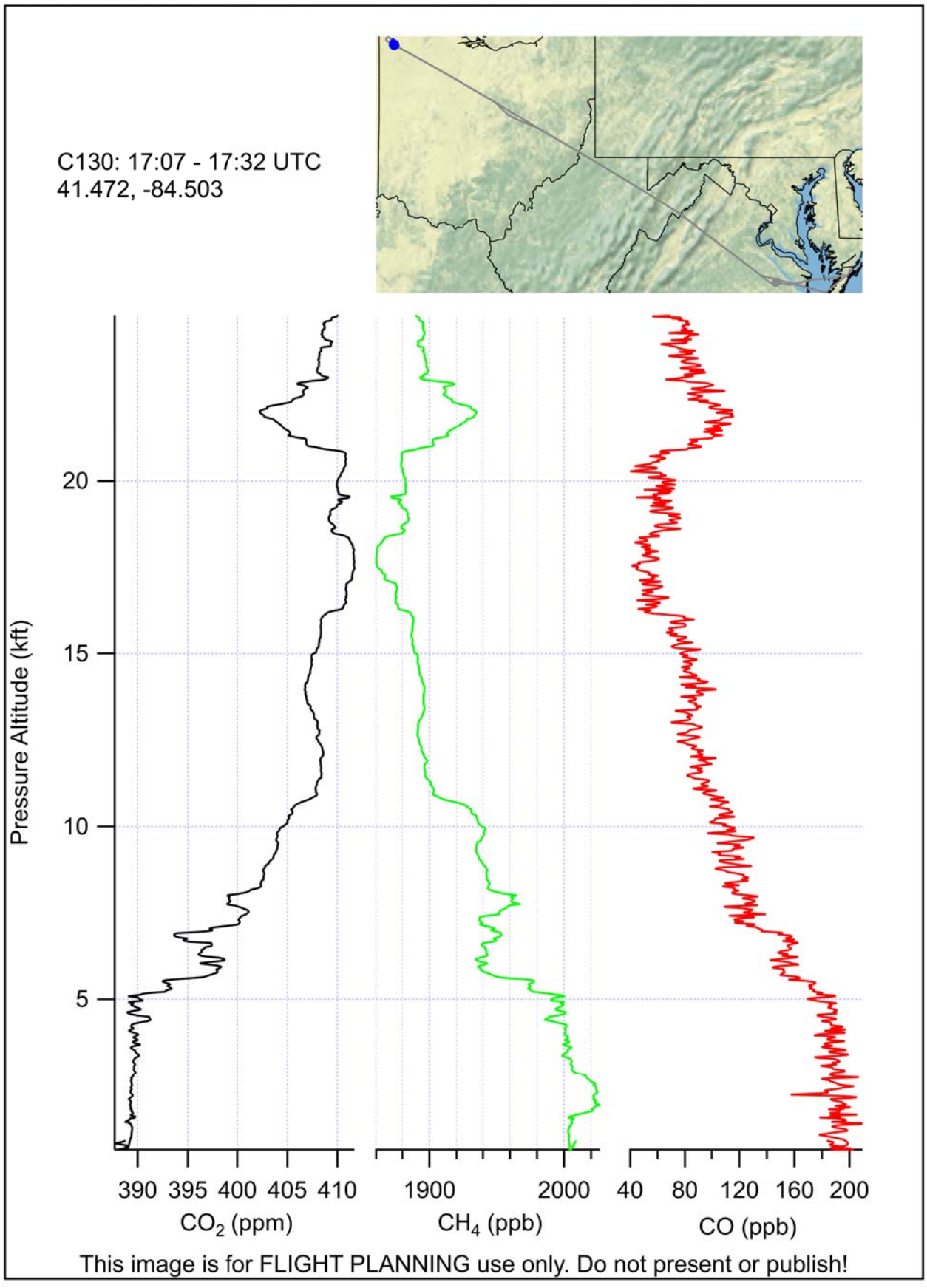

6000-99999 ft MSL
-50 -40 -30 -20 -10 0 10
DP (°C)
41
40
39
38
Latitude (°)
-84 -82 -80 -78 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

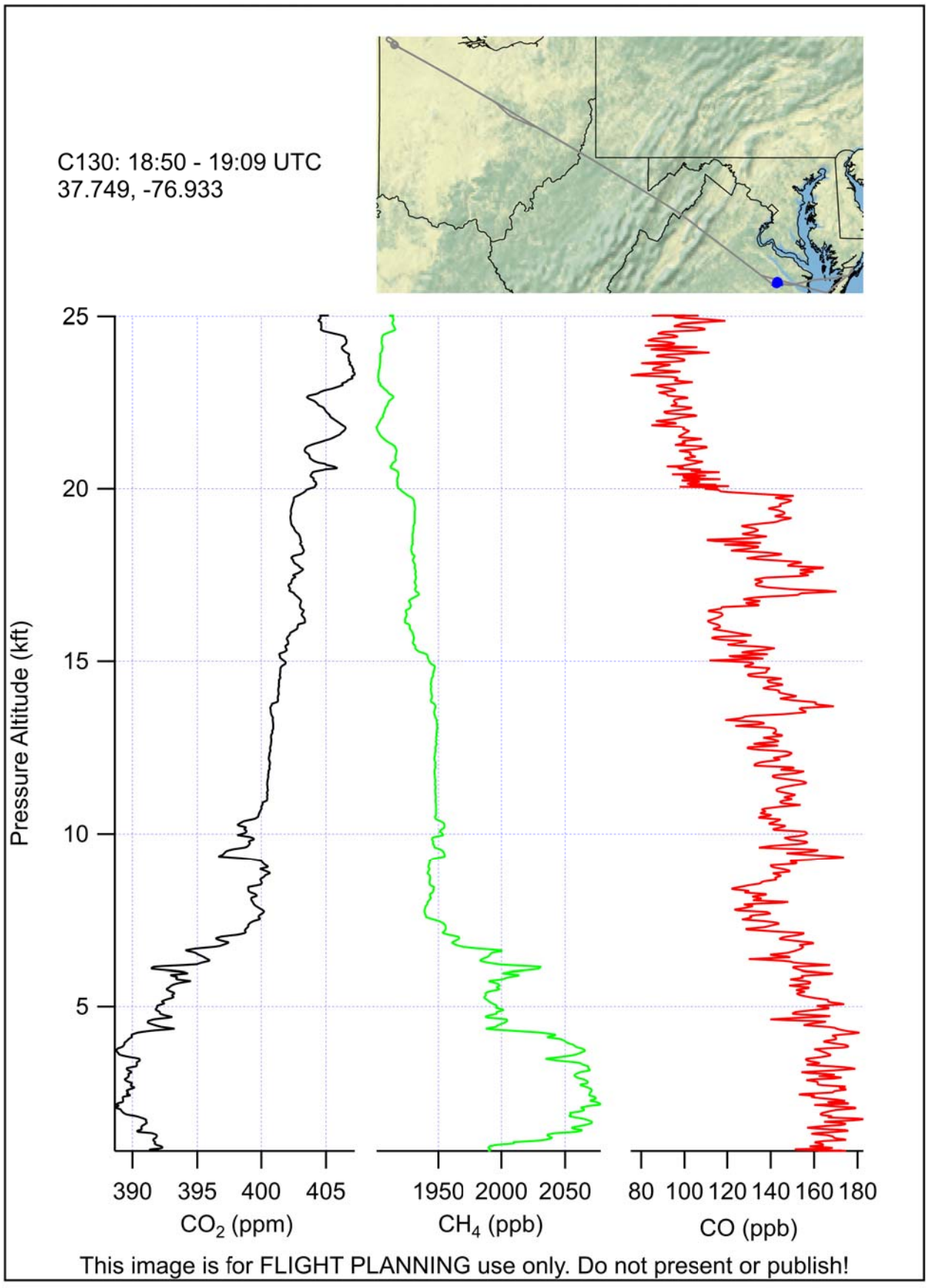

6000-99999 ft MSL
40 50 60 70 80 90
O3 (ppb)
41
40
39
38
Latitude (°)
-84 -82 -80 -78 -76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

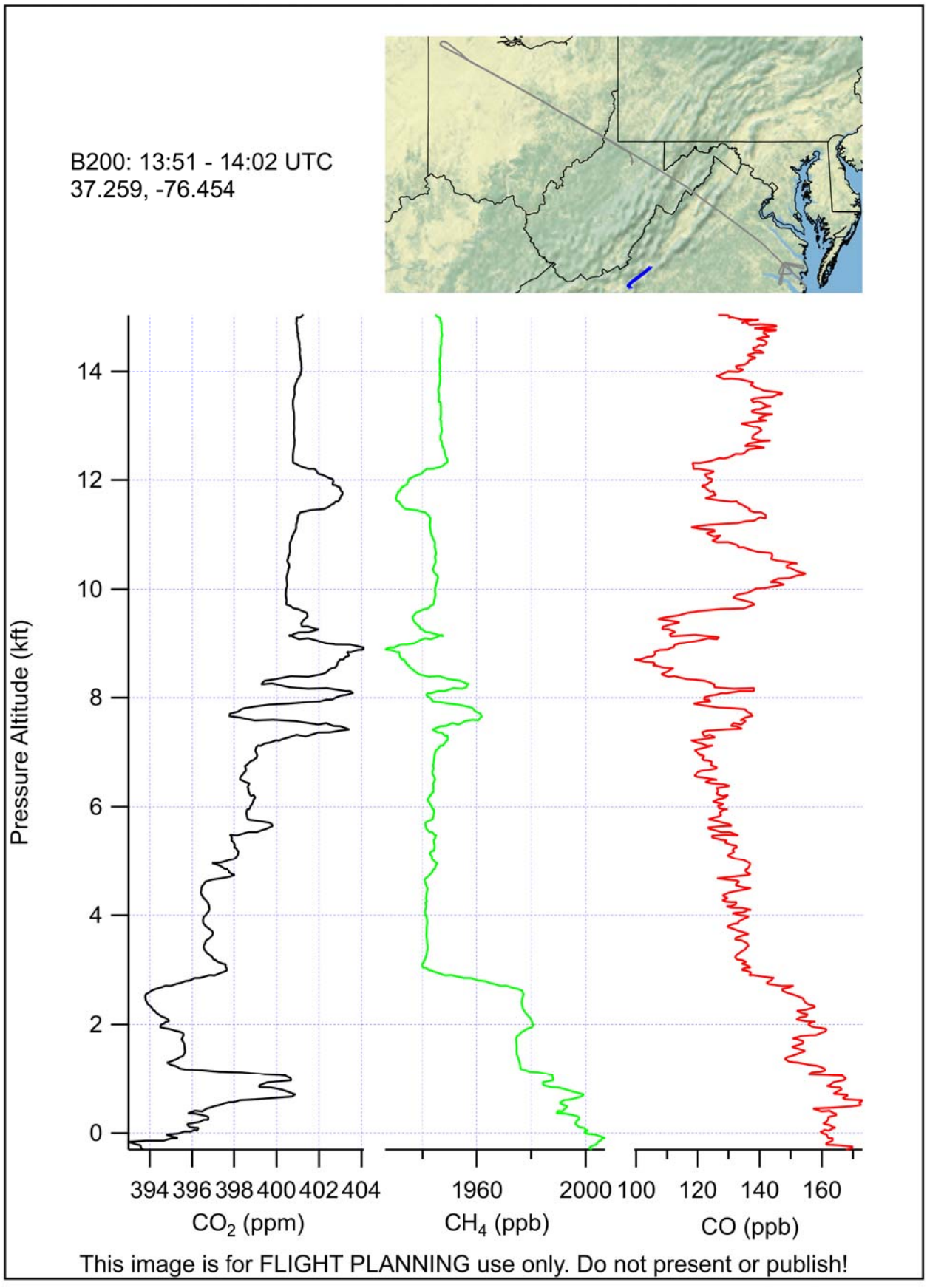

C130: 15:08 - 15:27 UTC
37.757, -76.01
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
396
400
404
CO2 (ppm)
1920
2000
CH4 (ppb)
120
160
200
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

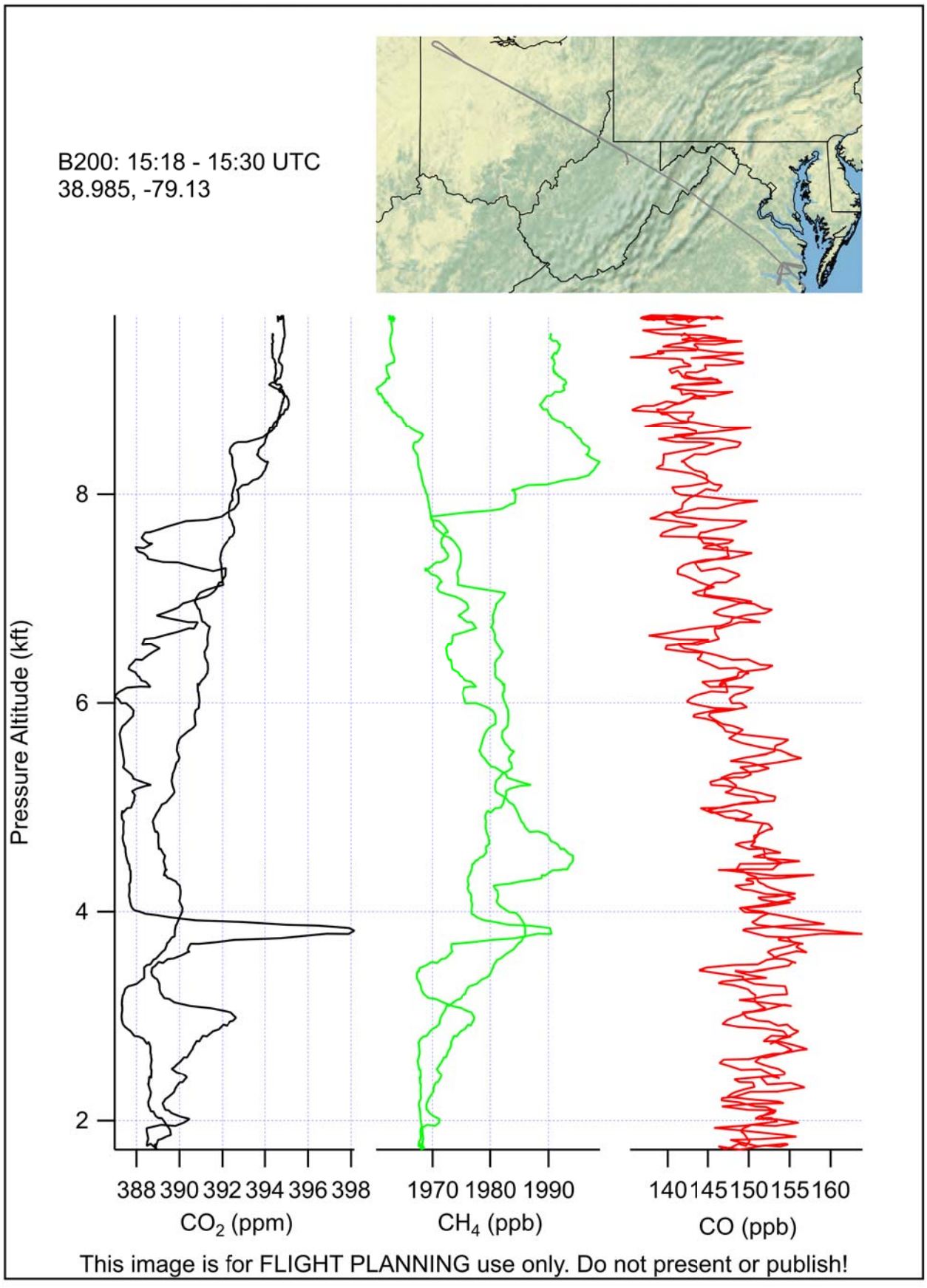

C130: 16:01 - 16:11 UTC
39.436, -80.057
Pressure Altitude (kft)
18
16
14
12
10
396 398 400 402 404
CO2 (ppm)
1920 1950
CH4 (ppb)
100 120 140 160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

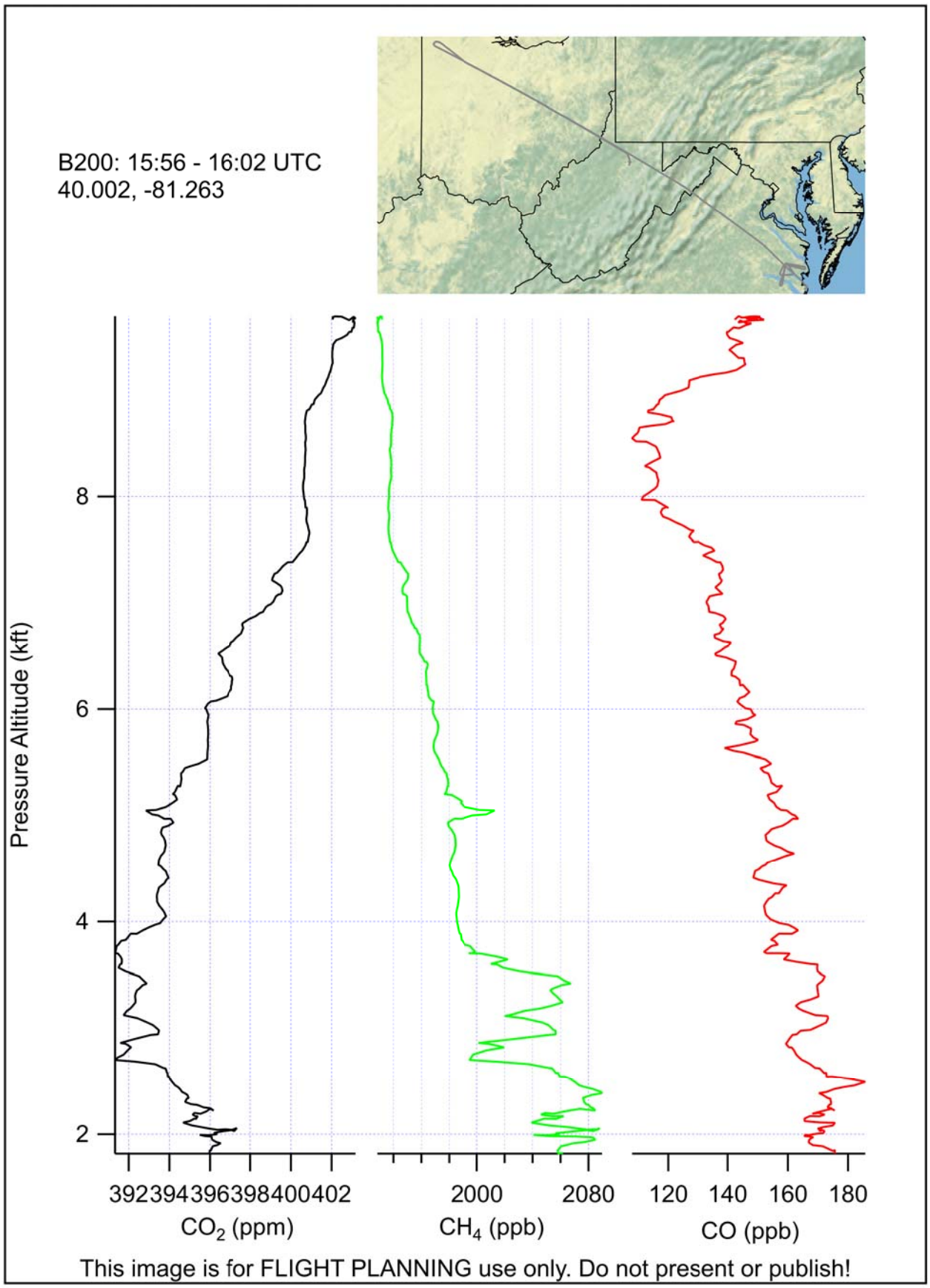

C130: 16:30 - 16:39 UTC
40.471, -82.351
Pressure Altitude (kft)
18
16
14
12
10
404 406 408 410
CO2 (ppm)
1900 1920
CH4 (ppb)
60 80 100 120 140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

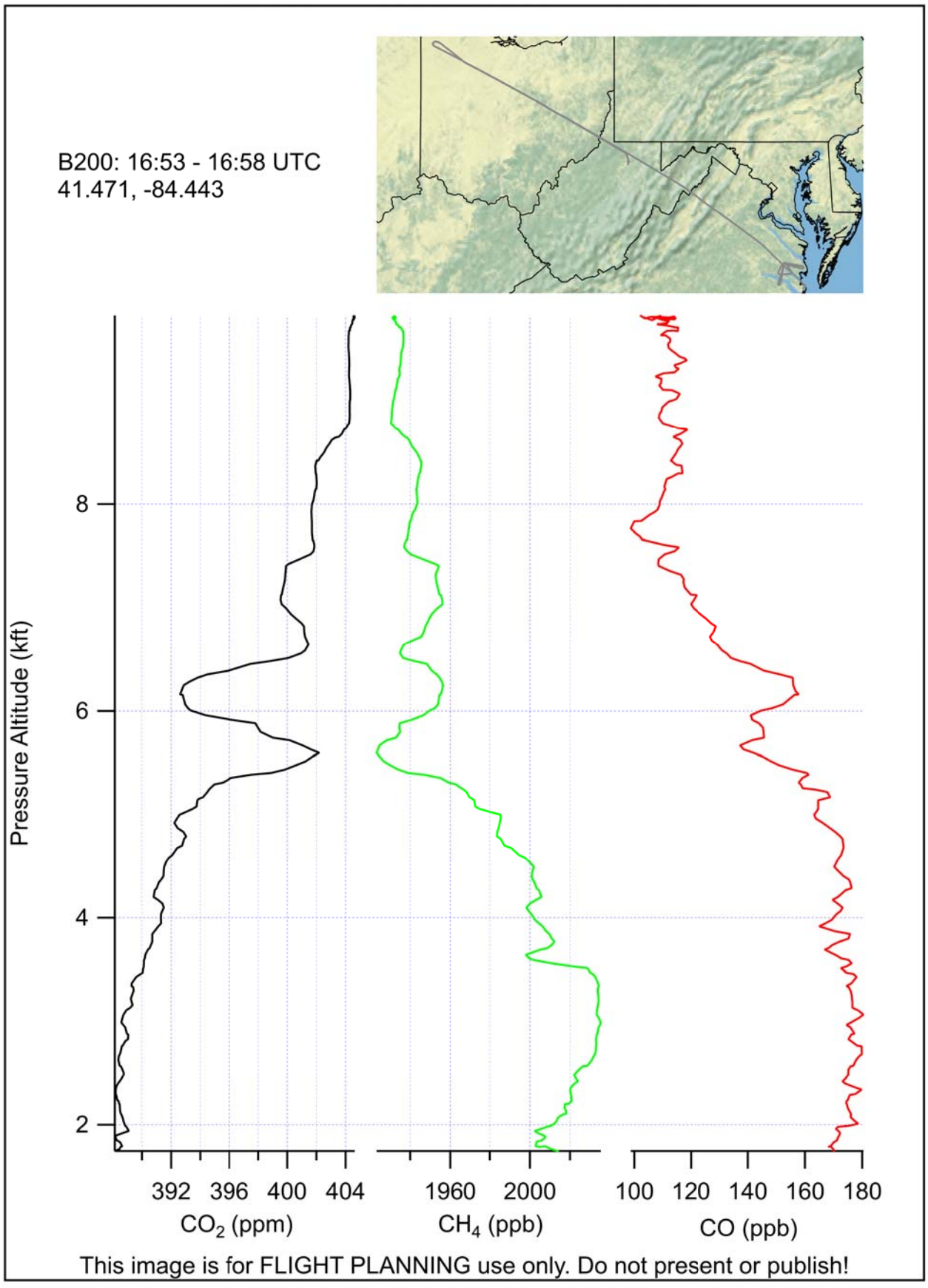

C130: 17:07 - 17:32 UTC
41.472, -84.503
Pressure Altitude (kft)
20
15
10
5
390 395 400 405 410
CO2 (ppm)
1900 2000
CH4 (ppb)
40 80 120 160 200
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

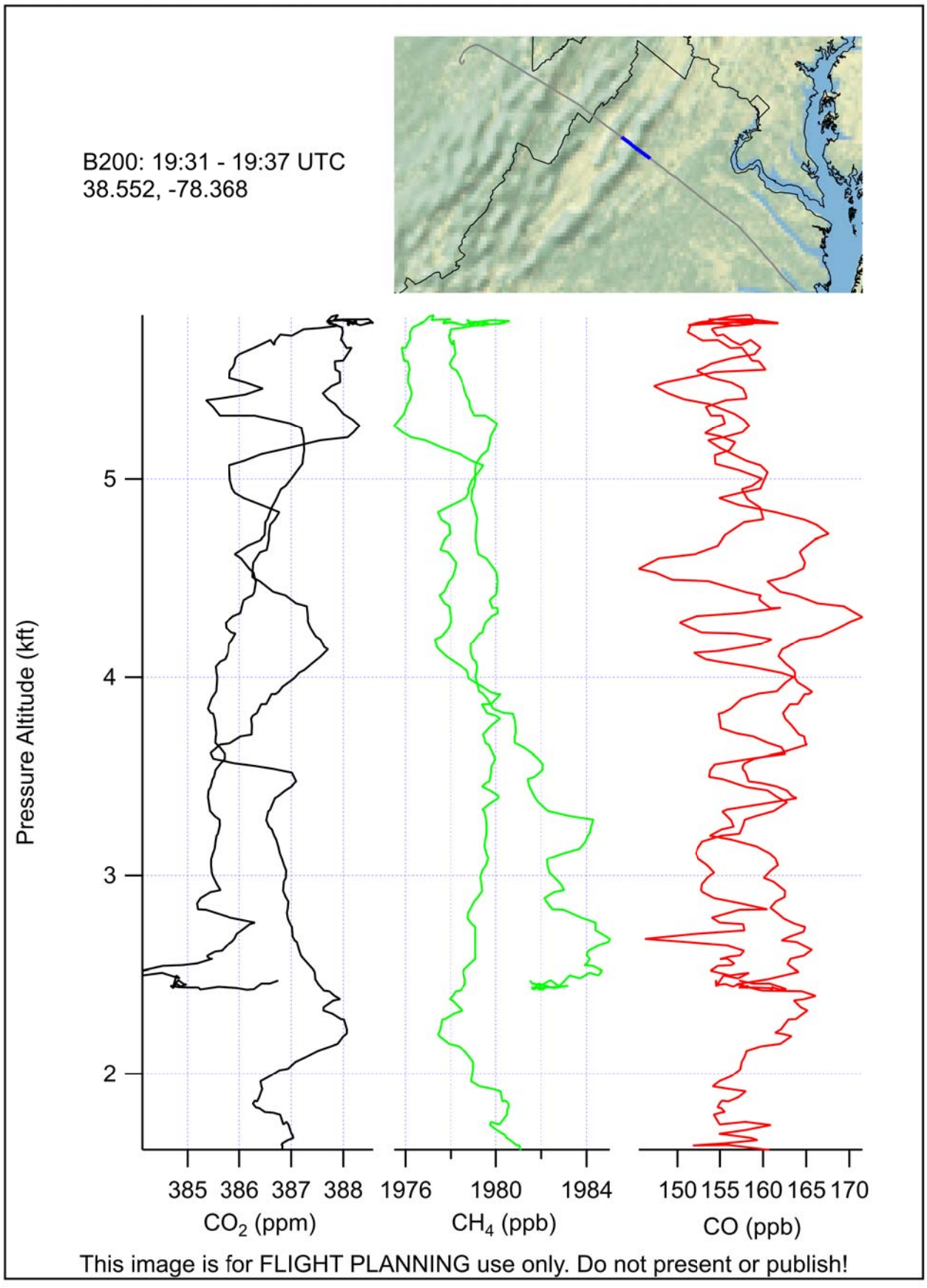

C130: 18:50 - 19:09 UTC
37.749, -76.933
Pressure Altitude (kft)
25
20
15
10
5
390 395 400 405
CO2 (ppm)
1950 2000 2050
CH4 (ppb)
80 100 120 140 160 180
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

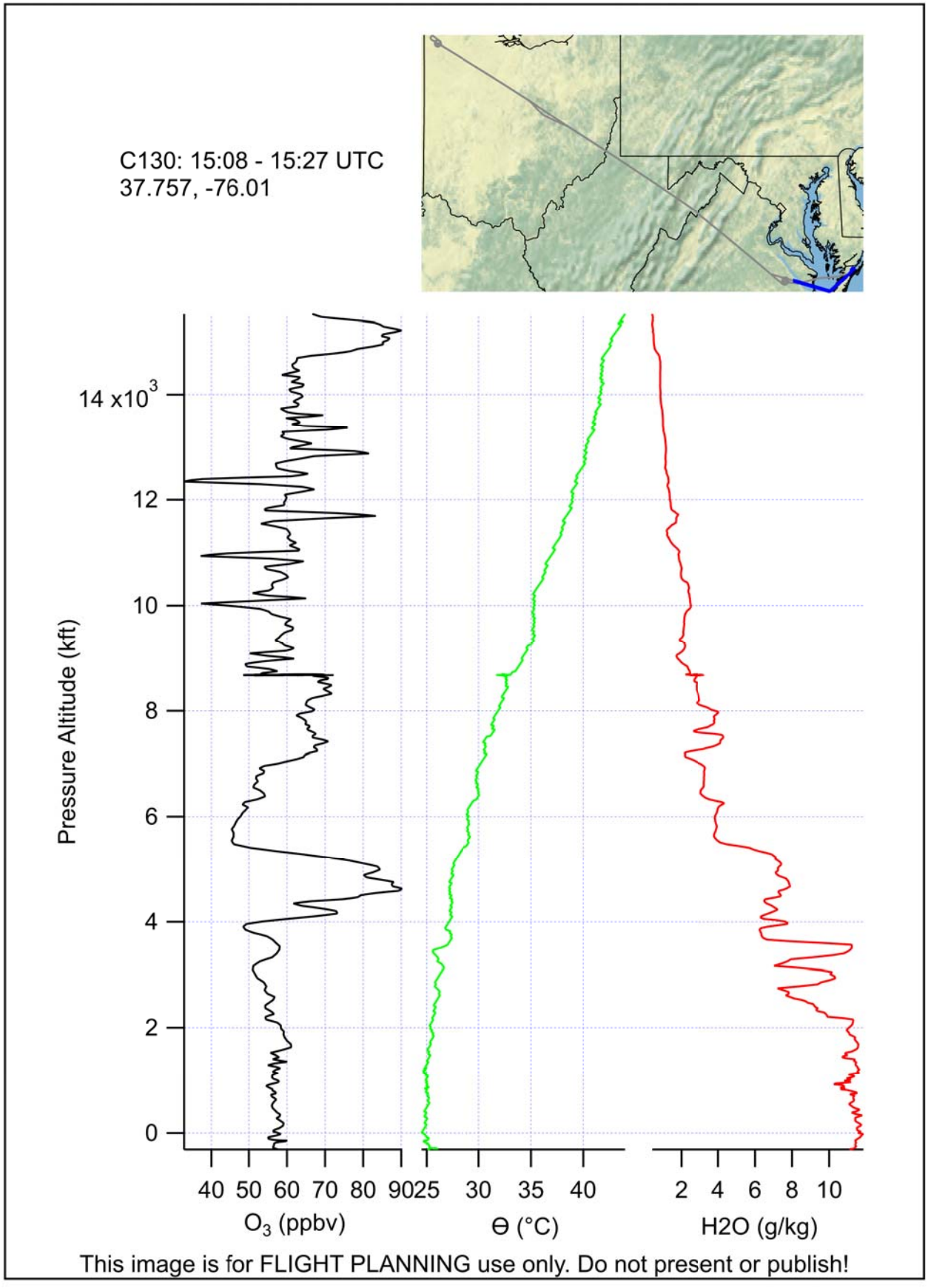

B200: 13:51 - 14:02 UTC
37.259, -76.454
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
394 396 398 400 402 404
CO2 (ppm)
1960 2000
CH4 (ppb)
100 120 140 160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

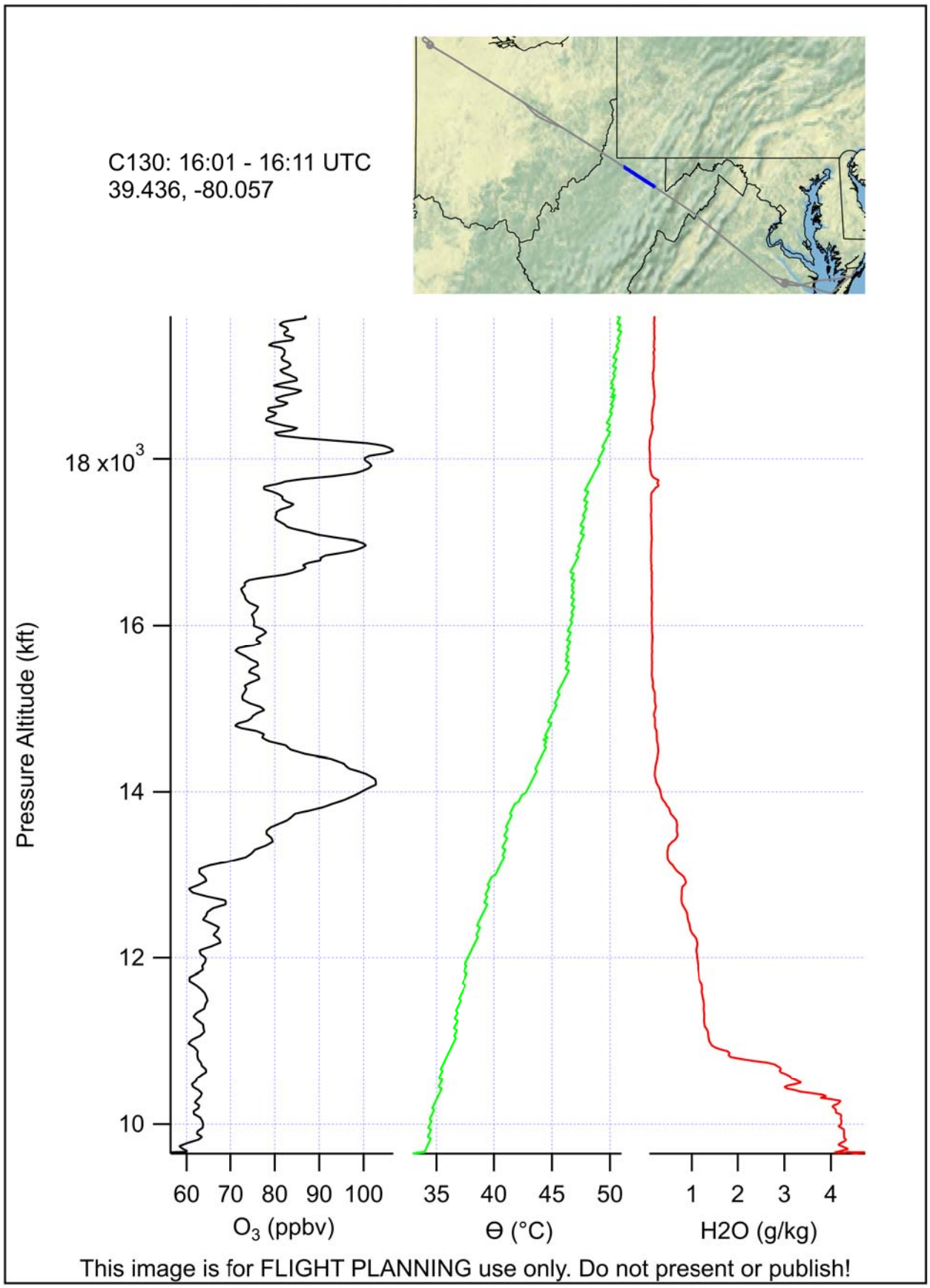

B200: 15:18 - 15:30 UTC
38.985, -79.13
Pressure Altitude (kft)
8
6
4
2
388 390 392 394 396 398
CO2 (ppm)
1970 1980 1990
CH4 (ppb)
140 145 150 155 160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

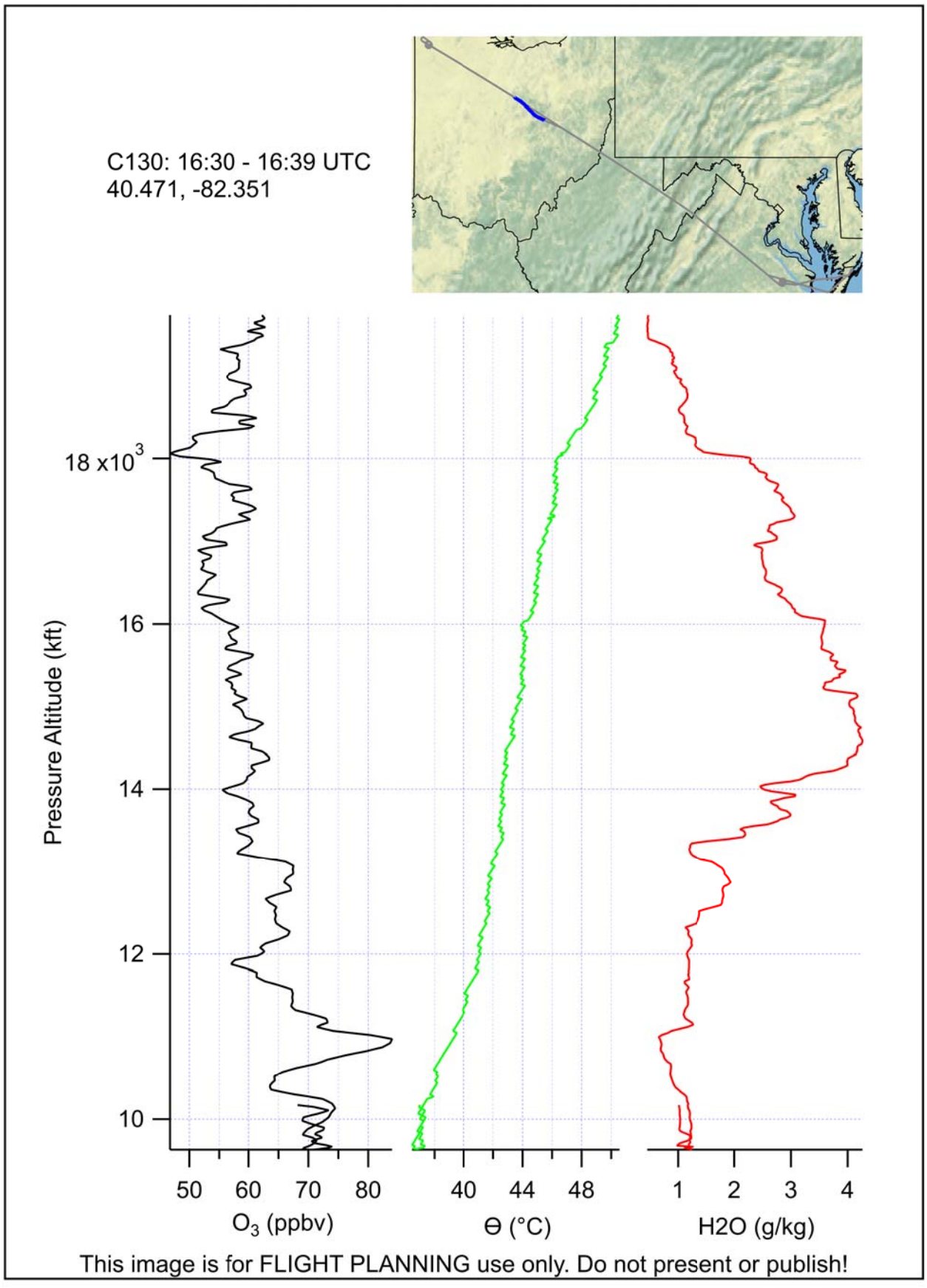

B200: 15:56 - 16:02 UTC
40.002, -81.263
Pressure Altitude (kft)
8
6
4
2
392394396398400402
CO_2 (ppm)
2000
2080
CH_4 (ppb)
120
140
160
180
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

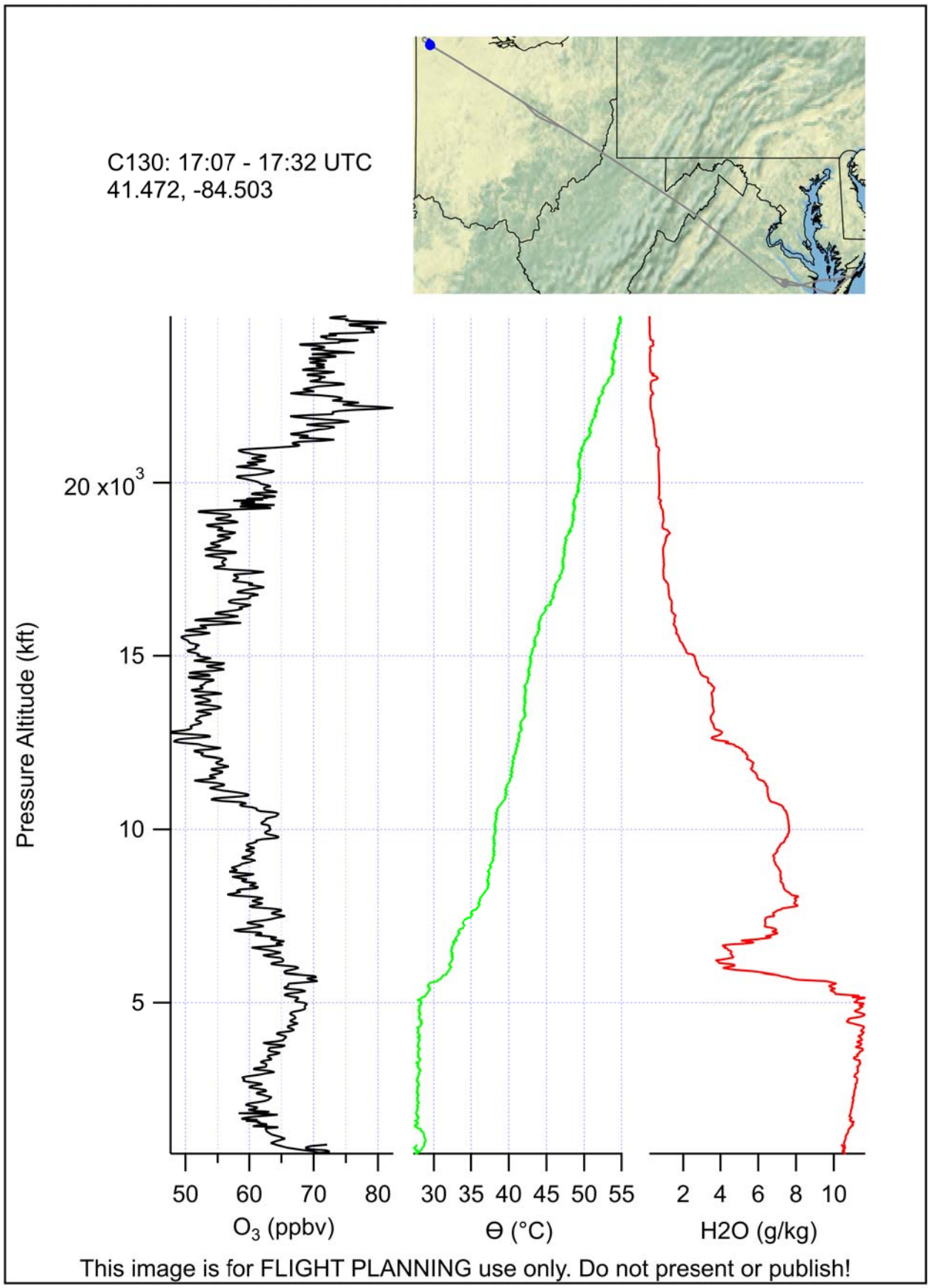

B200: 16:53 - 16:58 UTC
41.471, -84.443
Pressure Altitude (kft)
8
6
4
2
392 396 400 404
CO2 (ppm)
1960 2000
CH4 (ppb)
100 120 140 160 180
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

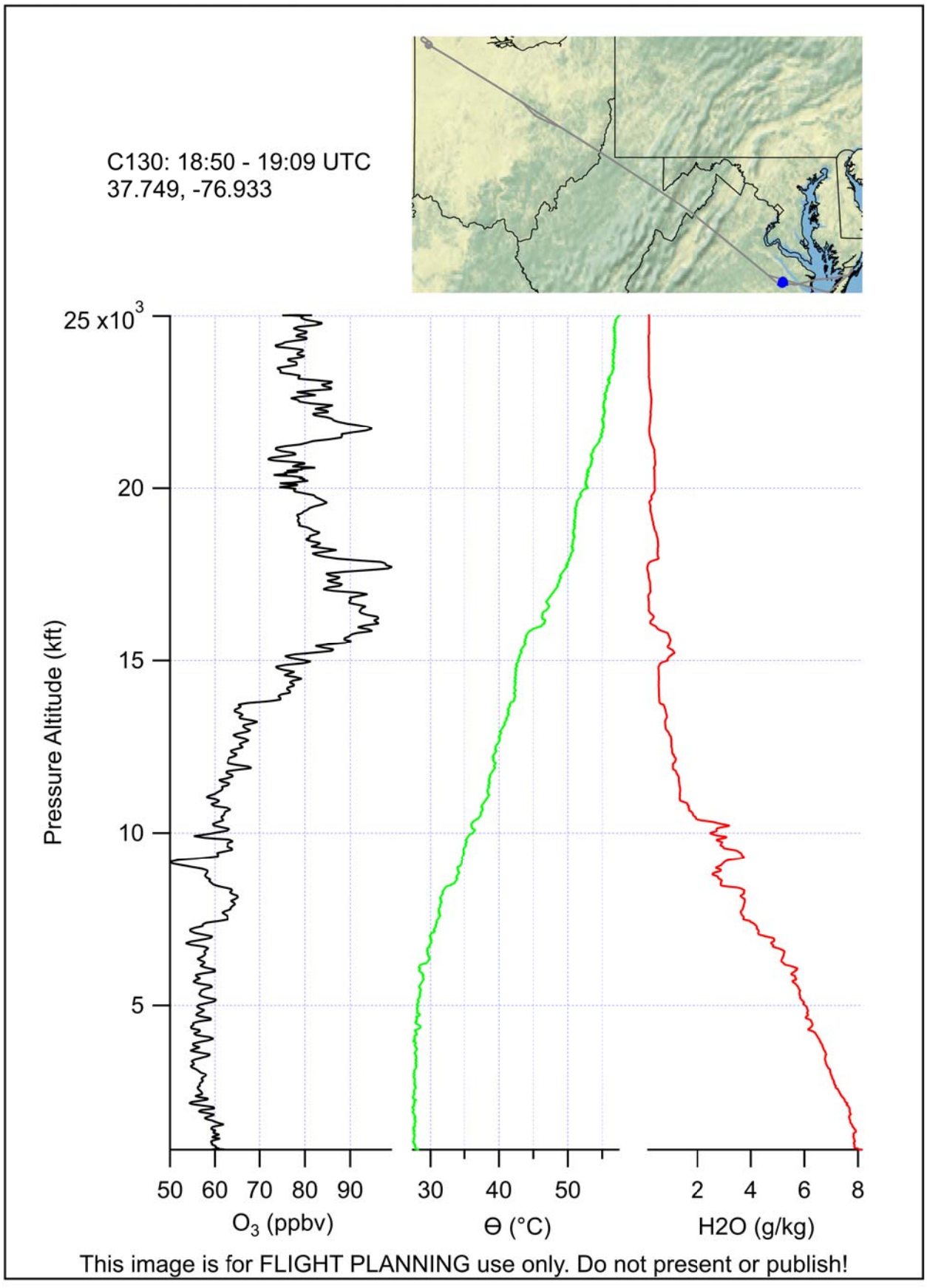

B200: 19:31 - 19:37 UTC
38.552, -78.368
Pressure Altitude (kft)
5
4
3
2
385 386 387 388
CO2 (ppm)
1976 1980 1984
CH4 (ppb)
150 155 160 165 170
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

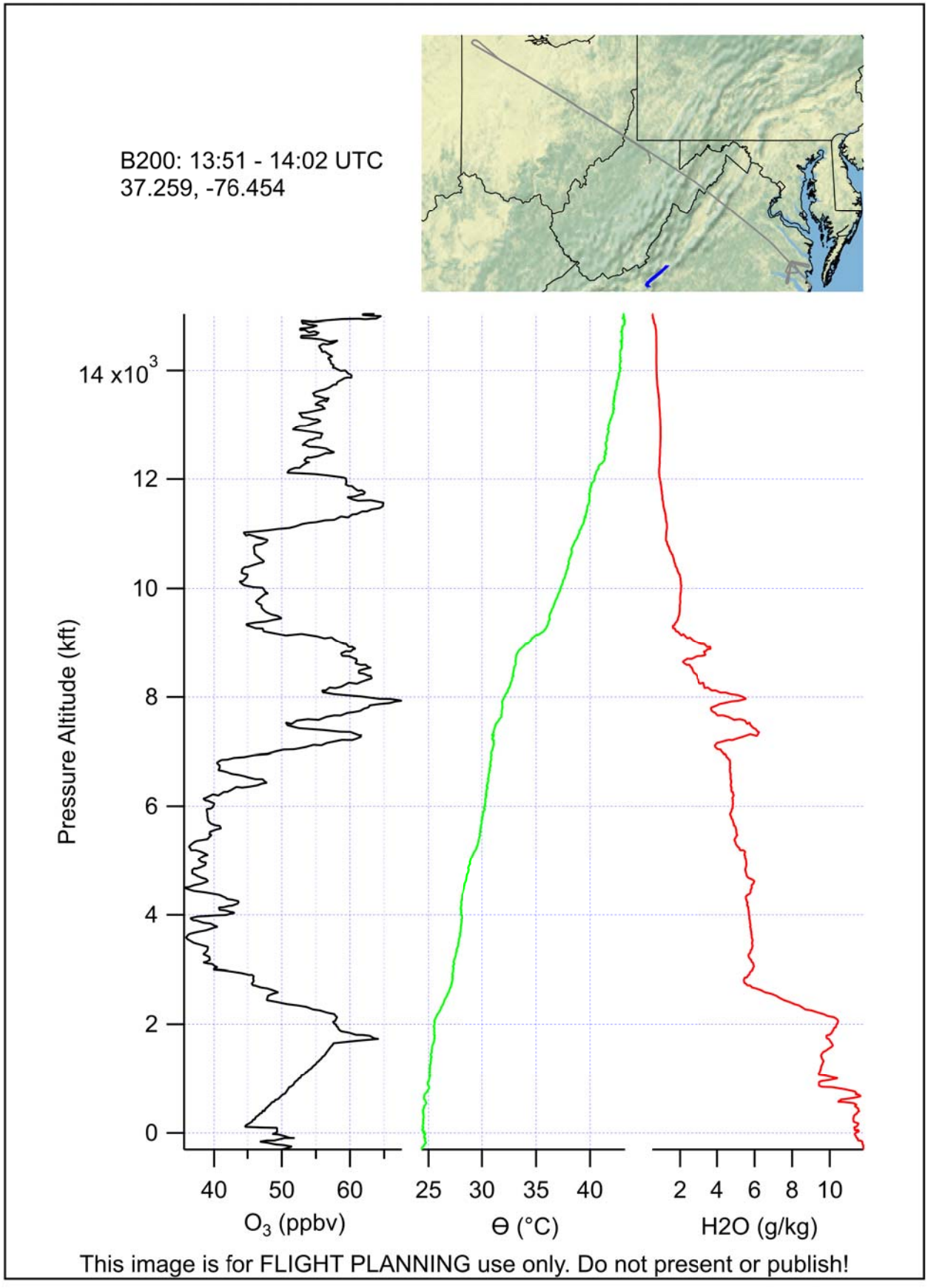

C130: 15:08 - 15:27 UTC
37.757, -76.01
Pressure Altitude (kft)
14 x10^3
12
10
8
6
4
2
0
40 50 60 70 80 90
O3 (ppbv)
25 30 35 40
Θ (°C)
2 4 6 8 10
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

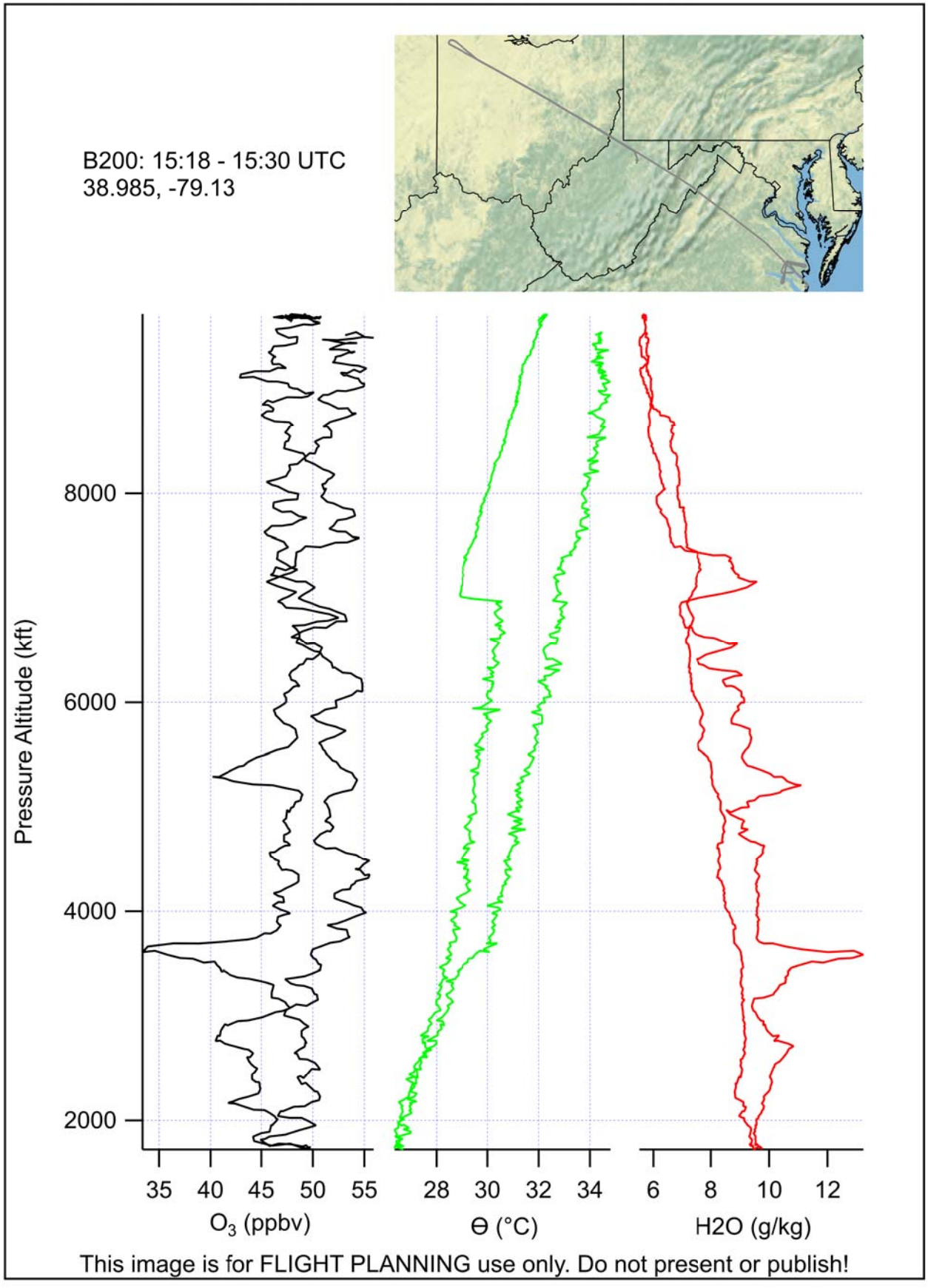

C130: 16:01 - 16:11 UTC
39.436, -80.057
Pressure Altitude (kft)
18 x10^3
16
14
12
10
60 70 80 90 100
O3 (ppbv)
35 40 45 50
Θ (°C)
1 2 3 4
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

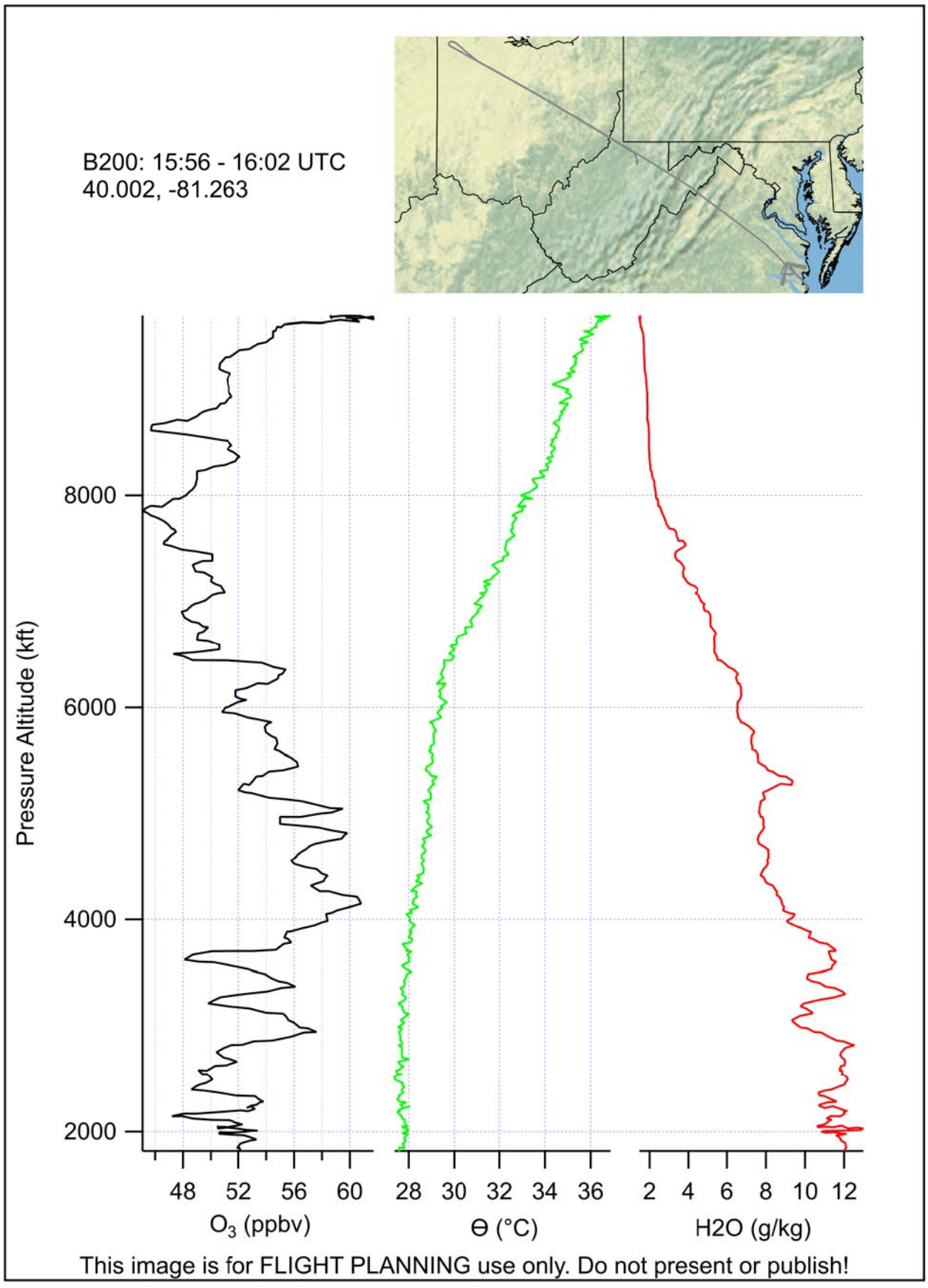

C130: 16:30 - 16:39 UTC
40.471, -82.351
Pressure Altitude (kft)
18 x10^3
16
14
12
10
50
60
70
80
O3 (ppbv)
40
44
48
Θ (°C)
1
2
3
4
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

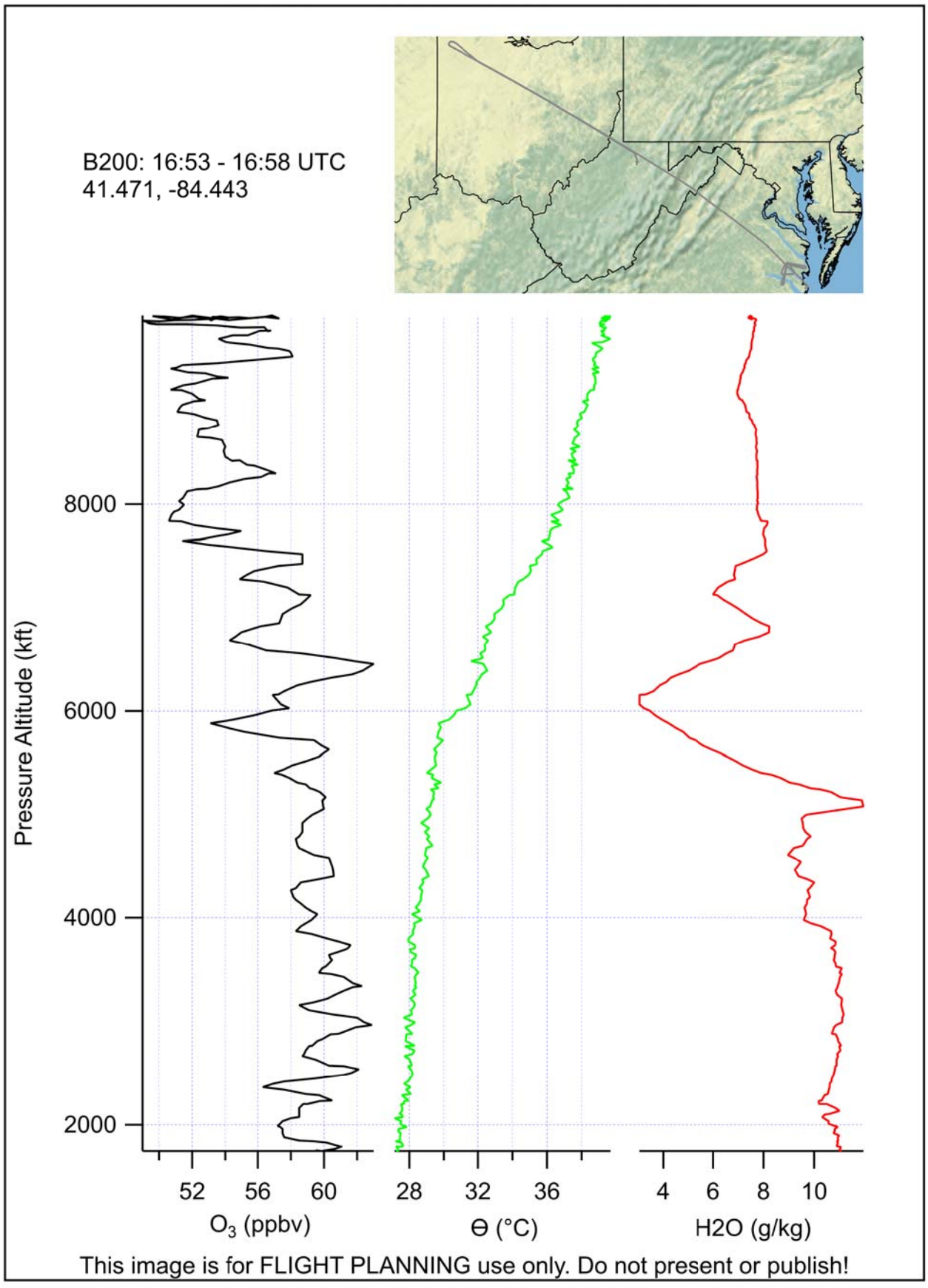

C130: 17:07 - 17:32 UTC
41.472, -84.503
Pressure Altitude (kft)
20 x10^3
15
10
5
50 60 70 80
O3 (ppbv)
30 35 40 45 50 55
Θ (°C)
2 4 6 8 10
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

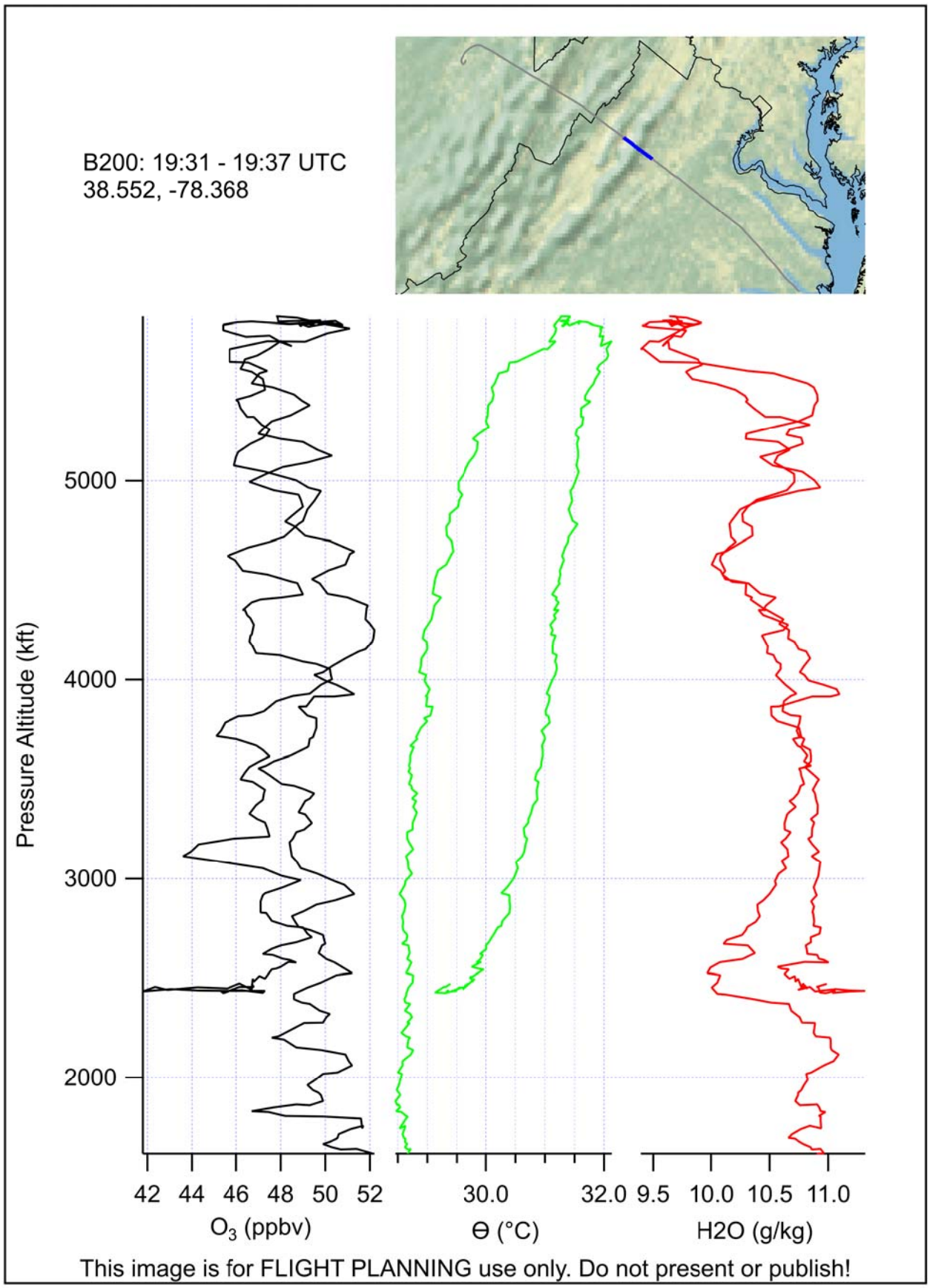

C130: 18:50 - 19:09 UTC
37.749, -76.933
25 x10^3
20
15
10
5
Pressure Altitude (kft)
50 60 70 80 90
O3 (ppbv)
30 40 50
Θ (°C)
2 4 6 8
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 13:51 - 14:02 UTC
37.259, -76.454
14 x10^3
12
10
8
6
4
2
0
Pressure Altitude (kft)
40
50
60
O3 (ppbv)
25
30
35
40
Θ (°C)
2
4
6
8
10
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 15:18 - 15:30 UTC
38.985, -79.13
Pressure Altitude (kft)
8000
6000
4000
2000
35 40 45 50 55
O3 (ppbv)
28 30 32 34
Θ (°C)
6 8 10 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 15:56 - 16:02 UTC
40.002, -81.263
Pressure Altitude (kft)
8000
6000
4000
2000
48 52 56 60
O3 (ppbv)
28 30 32 34 36
Θ (°C)
2 4 6 8 10 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 16:53 - 16:58 UTC
41.471, -84.443
Pressure Altitude (kft)
8000
6000
4000
2000
52
56
60
O3 (ppbv)
28
32
36
Θ (°C)
4
6
8
10
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:31 - 19:37 UTC
38.552, -78.368
Pressure Altitude (kft)
5000
4000
3000
2000
42 44 46 48 50 52
O3 (ppbv)
30.0 32.0
Θ (°C)
9.5 10.0 10.5 11.0
H2O (g/kg)
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