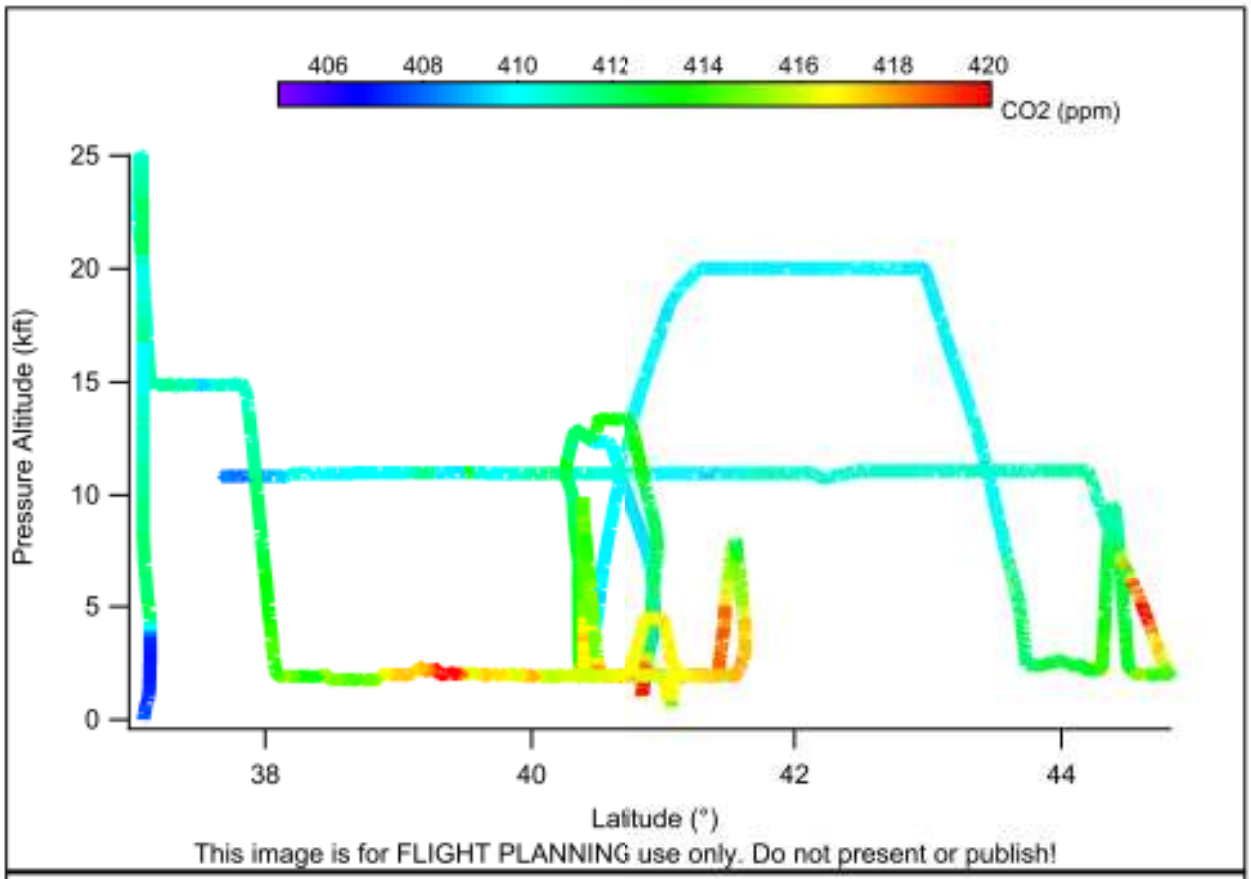
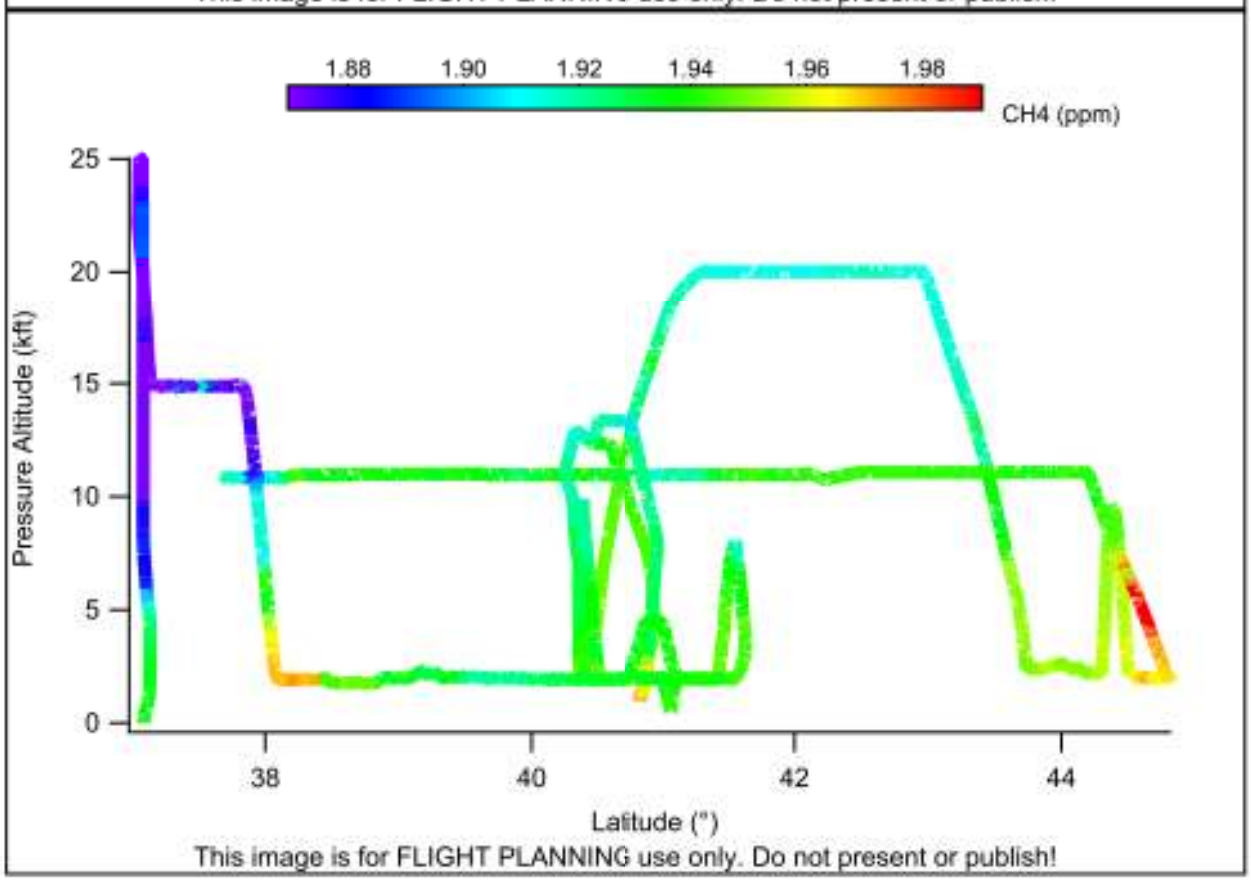
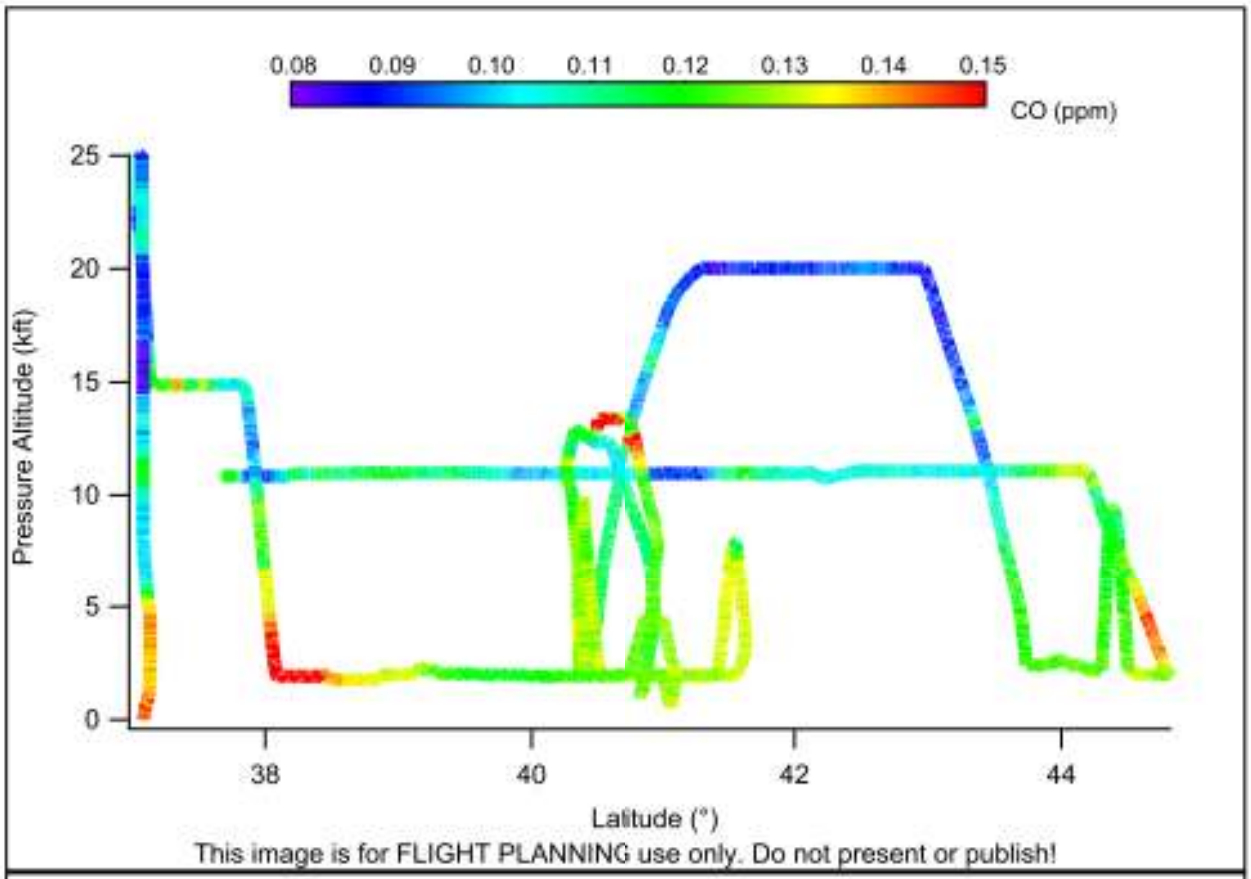
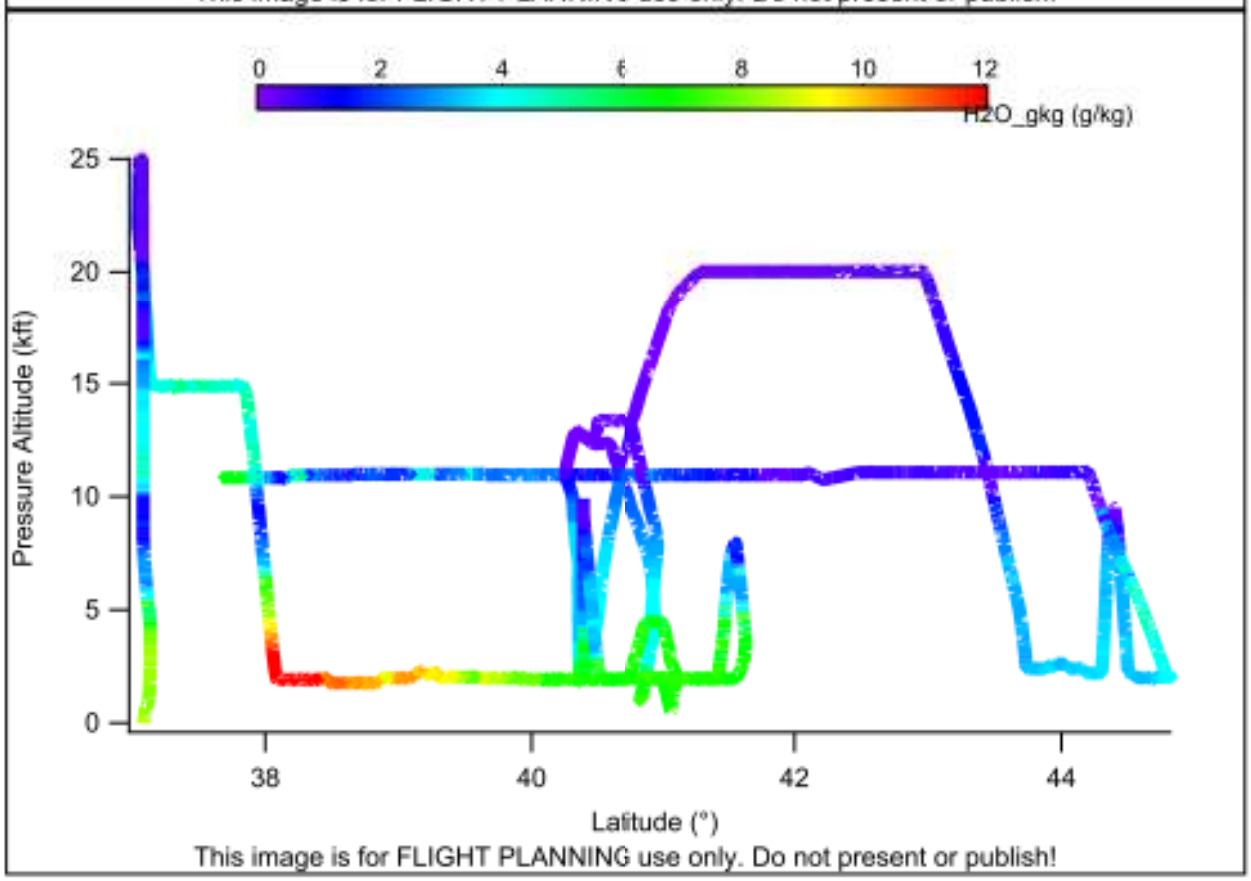
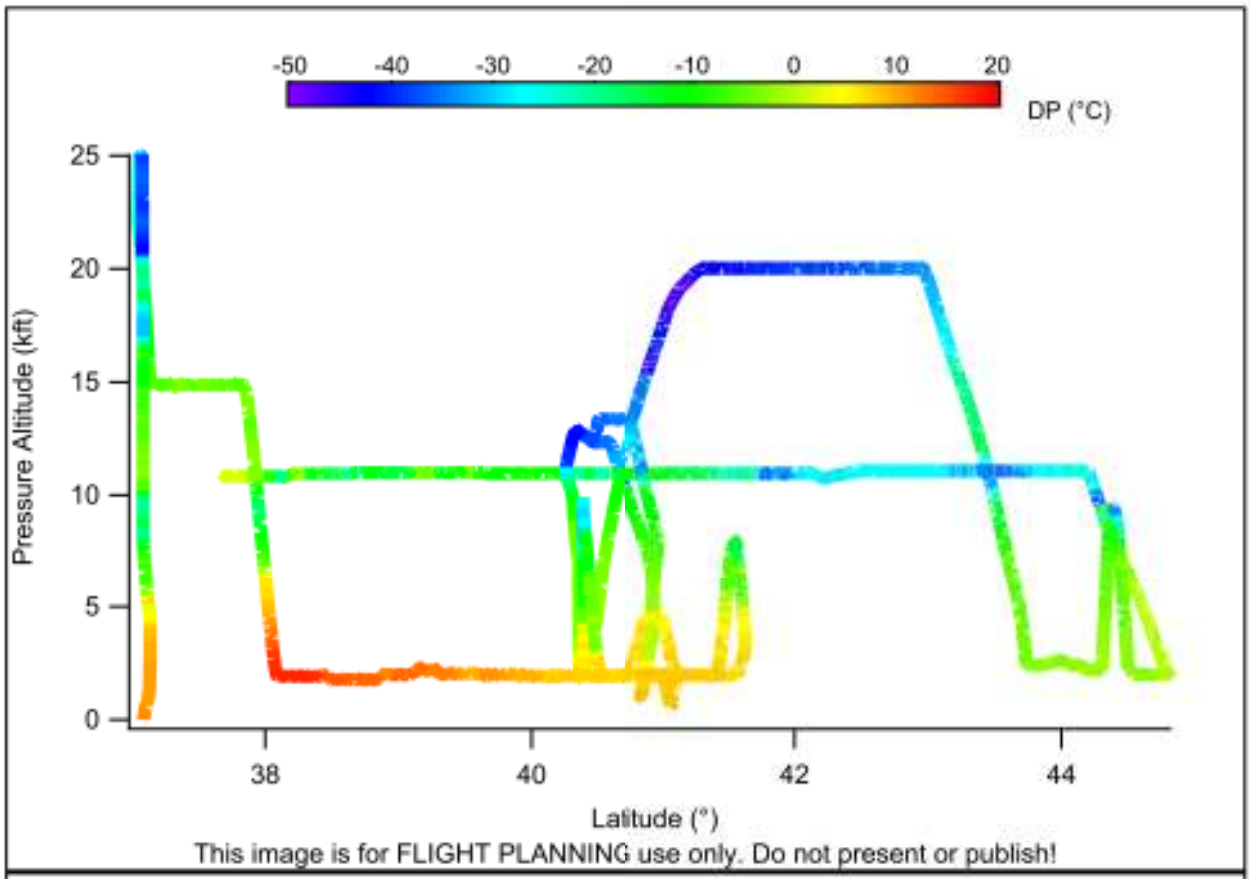
ACT-America 20180504

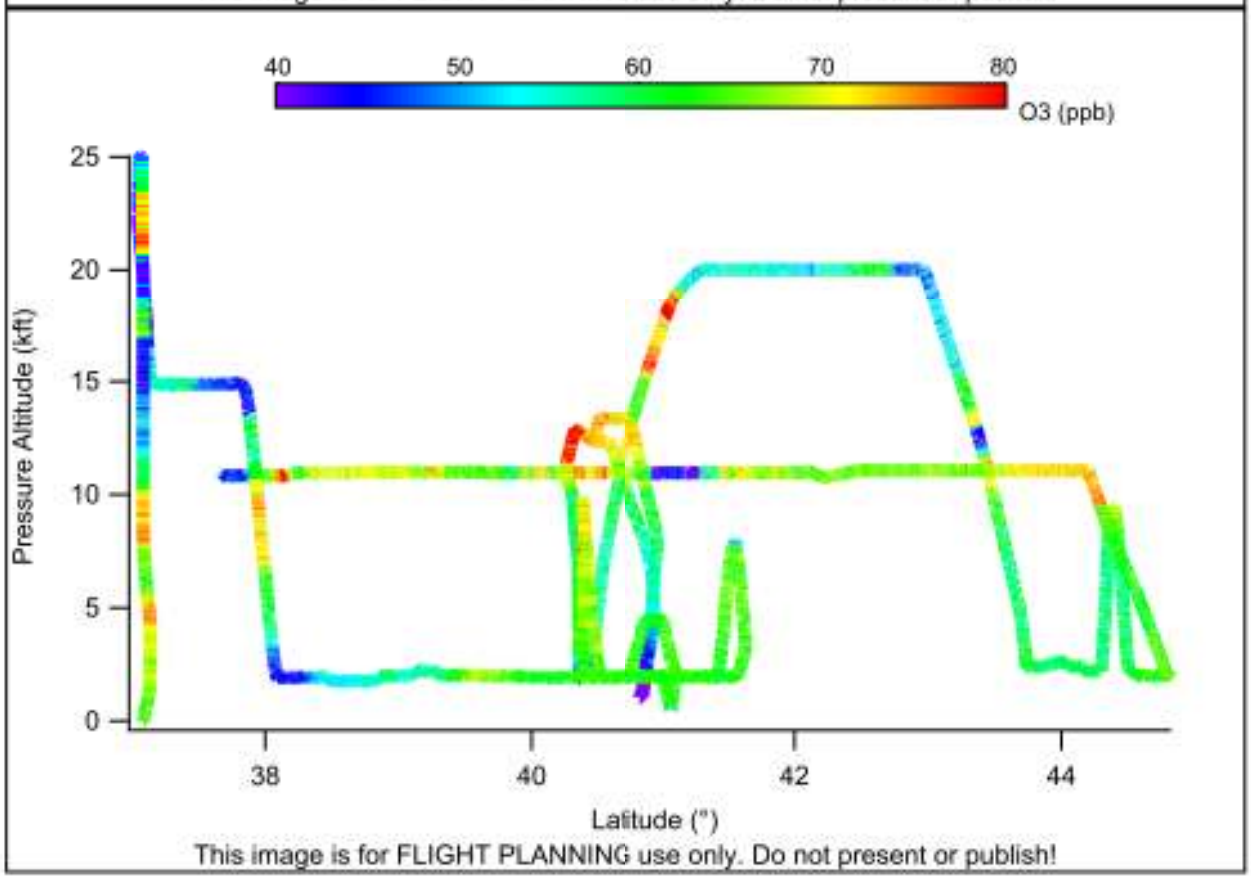

406
408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

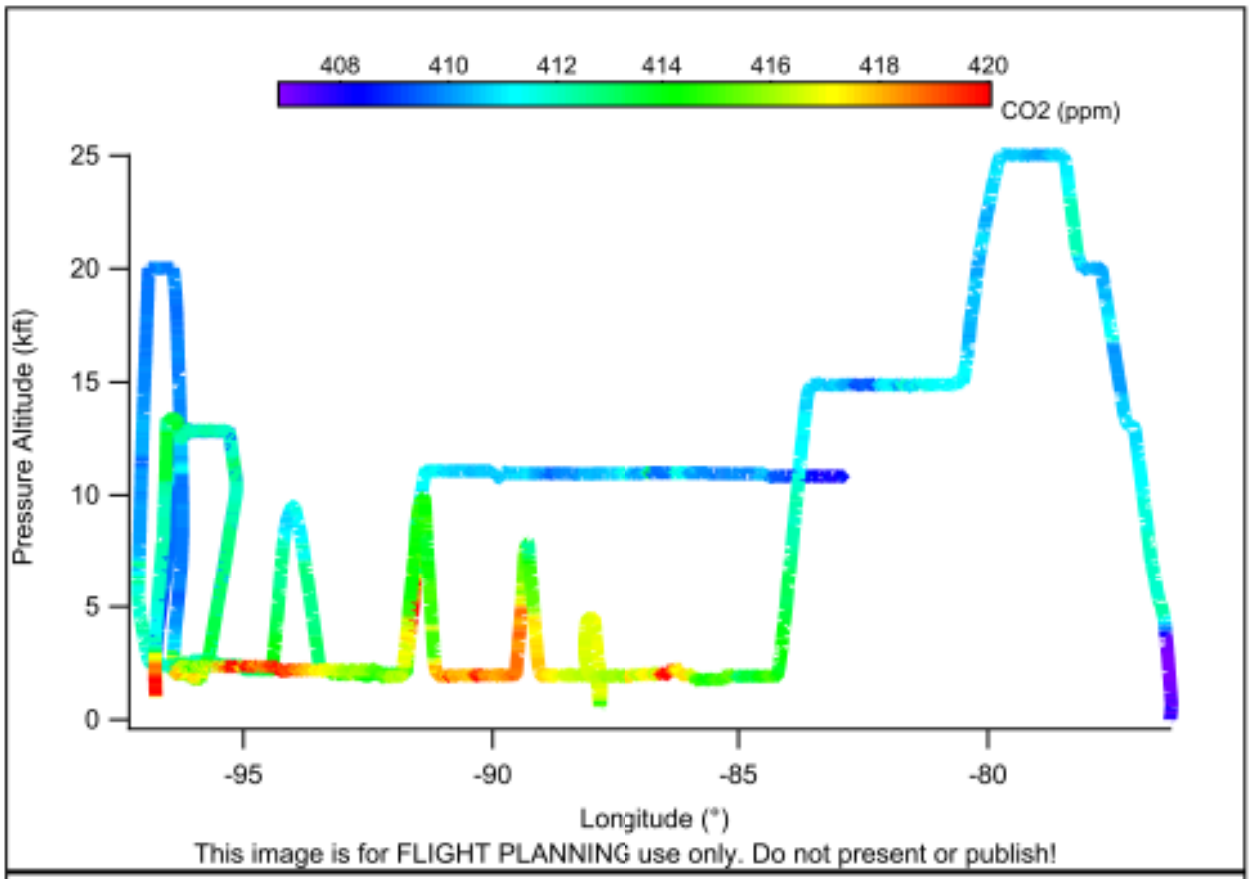

1.88
1.90
1.92
1.94
1.96
1.98
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

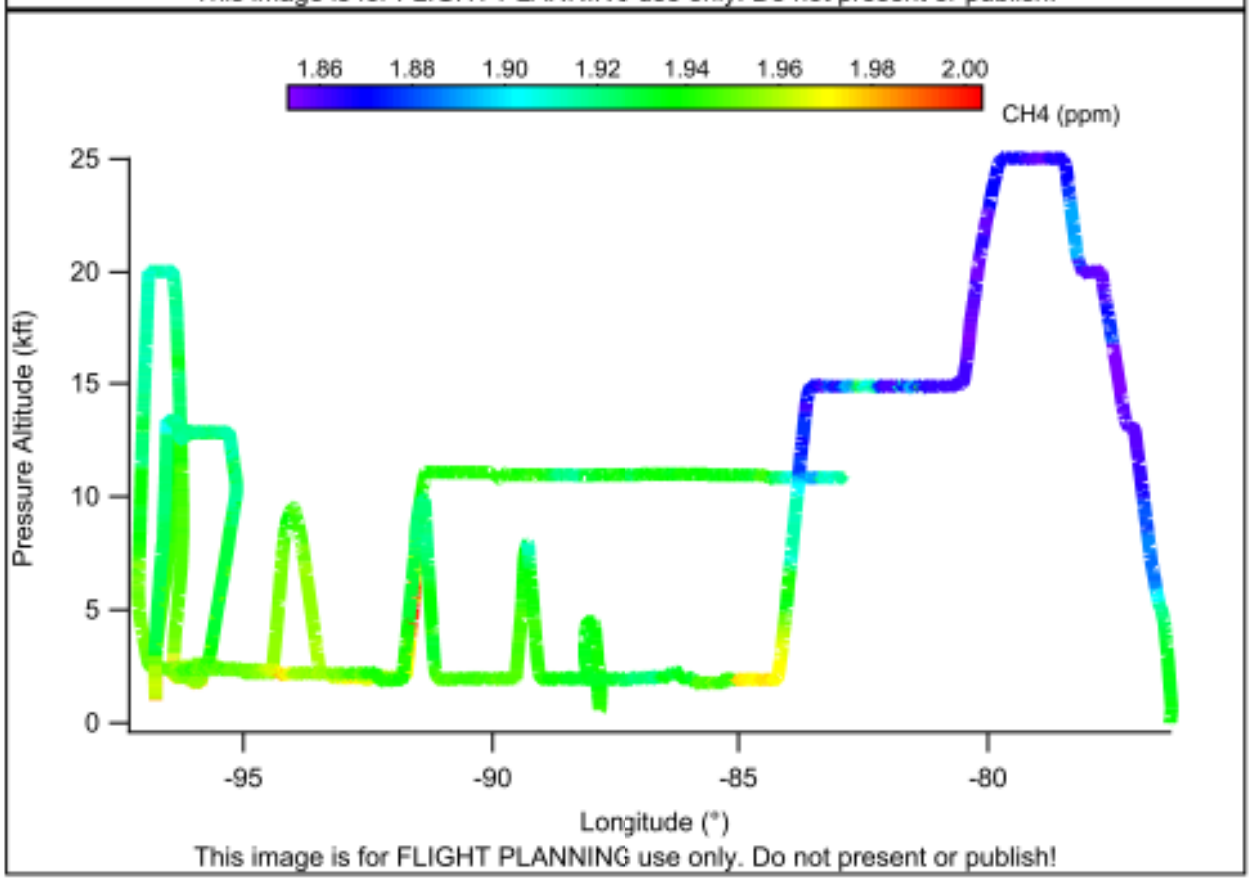

0.08
0.09
0.10
0.11
0.12
0.13
0.14
0.15
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

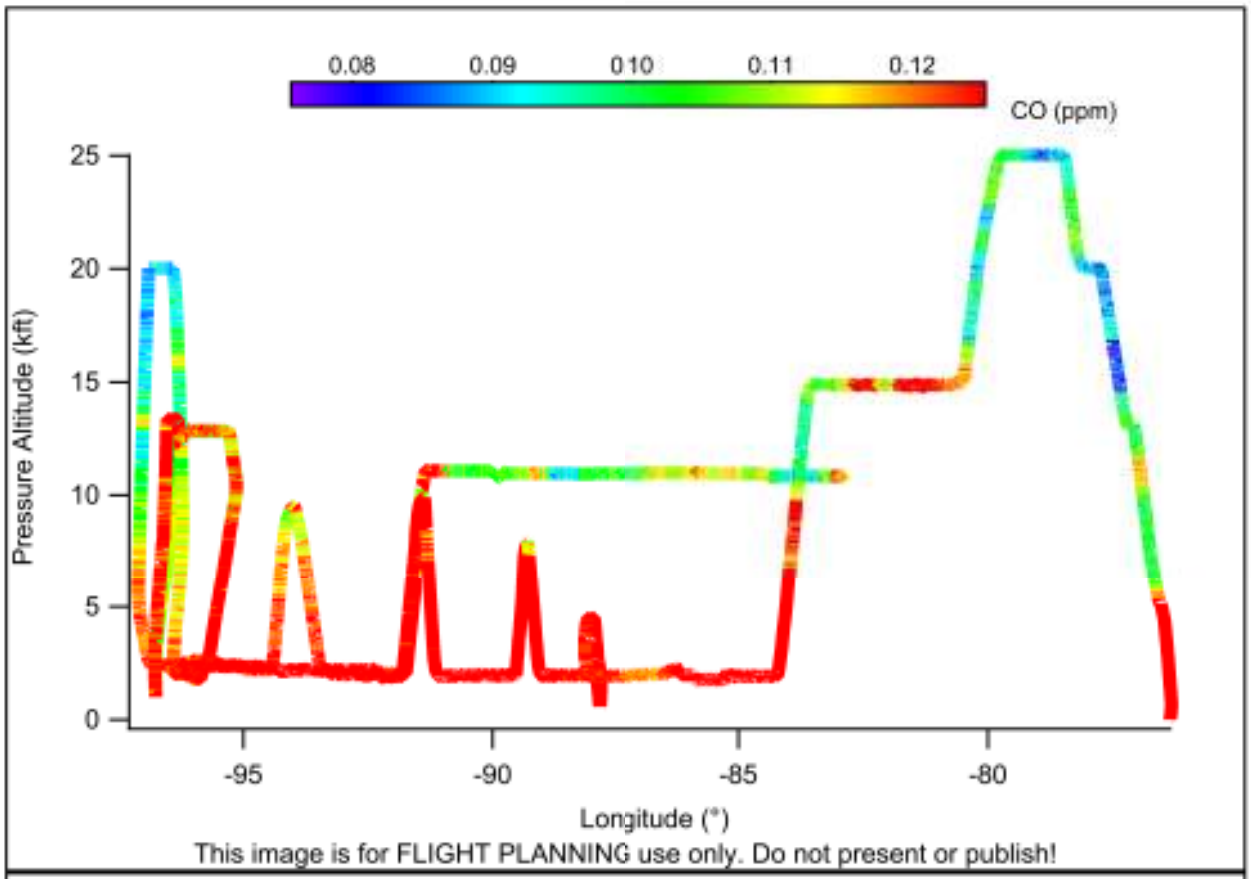

0
2
4
6
8
10
12
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

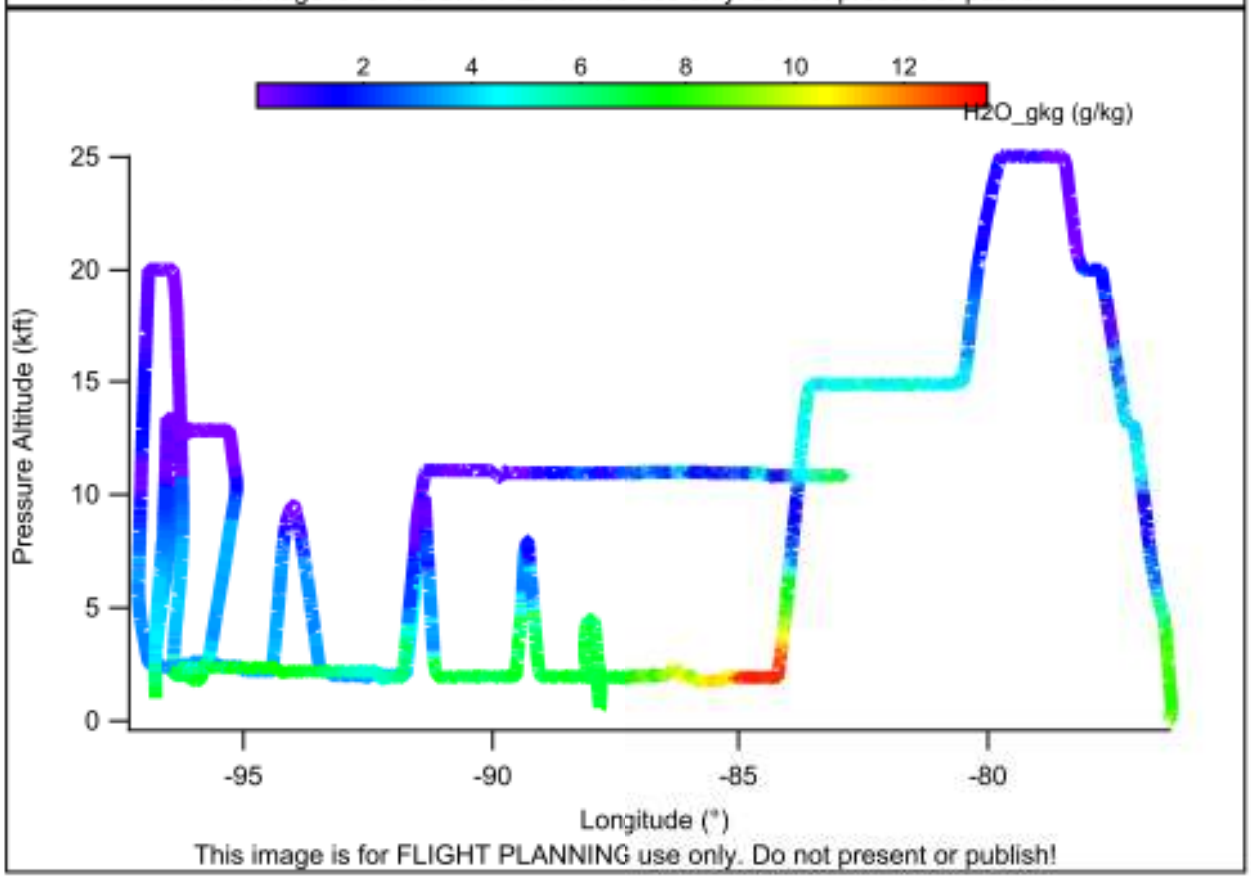

-50
-40
-30
-20
-10
0
10
20
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

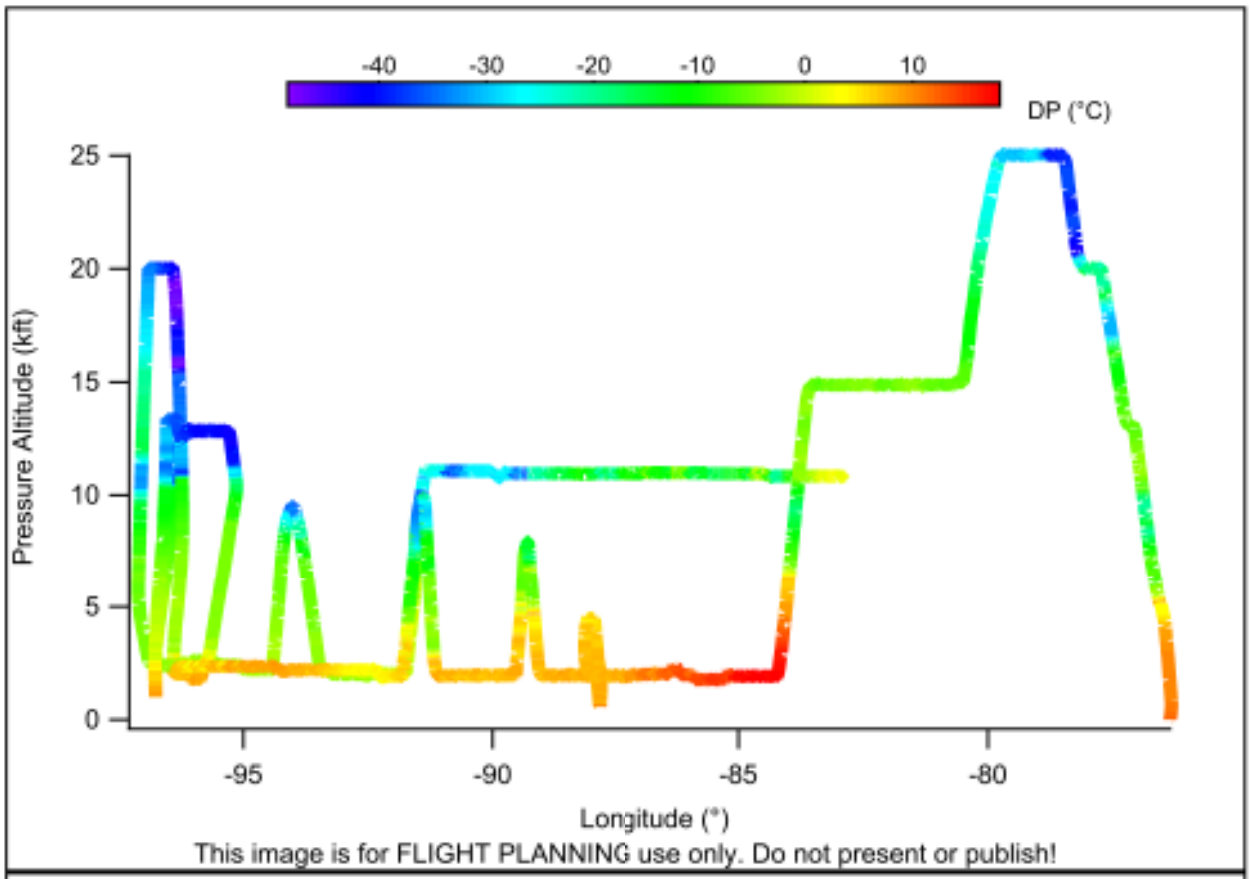

40
50
60
70
80
O3 (ppb)
Pressure Altitude (kft)
25
20
15
10
5
0
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

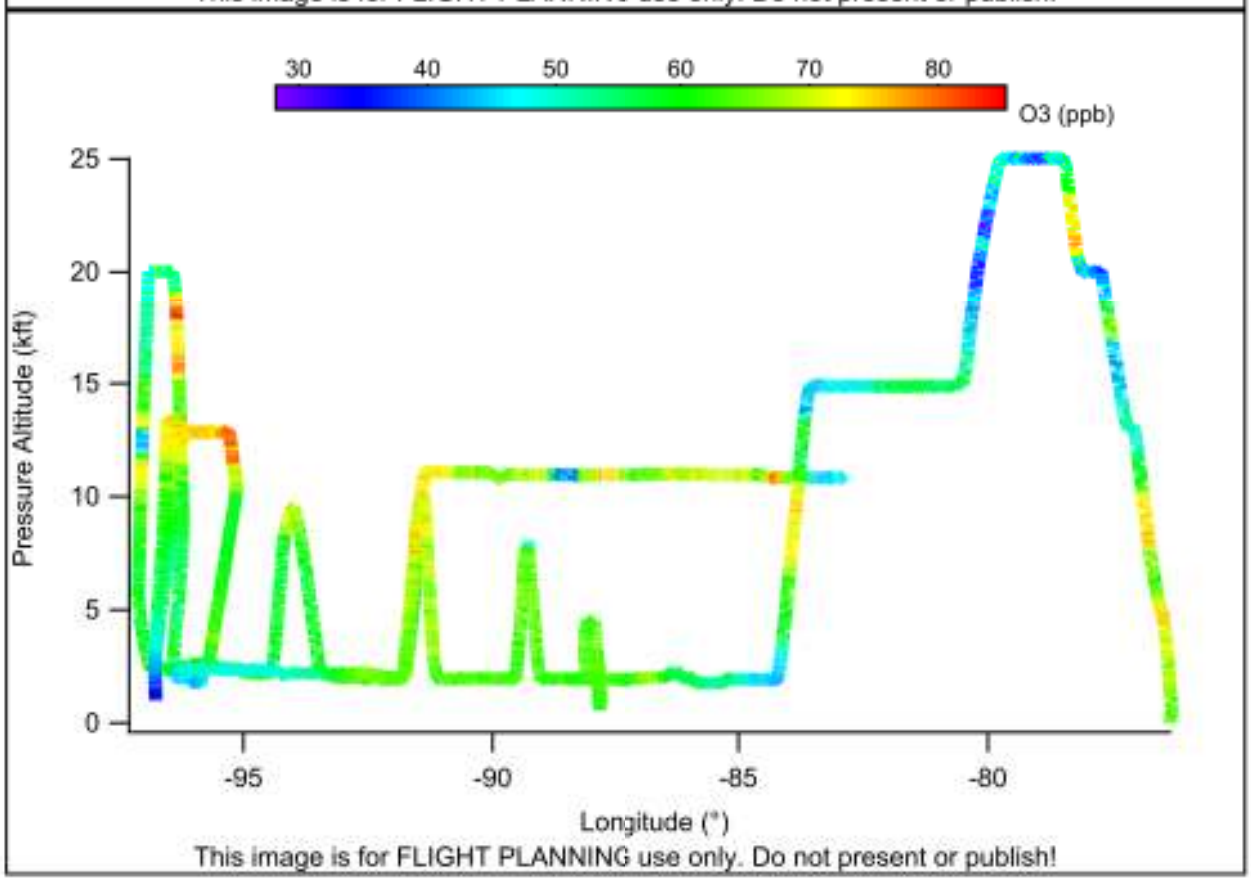

408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

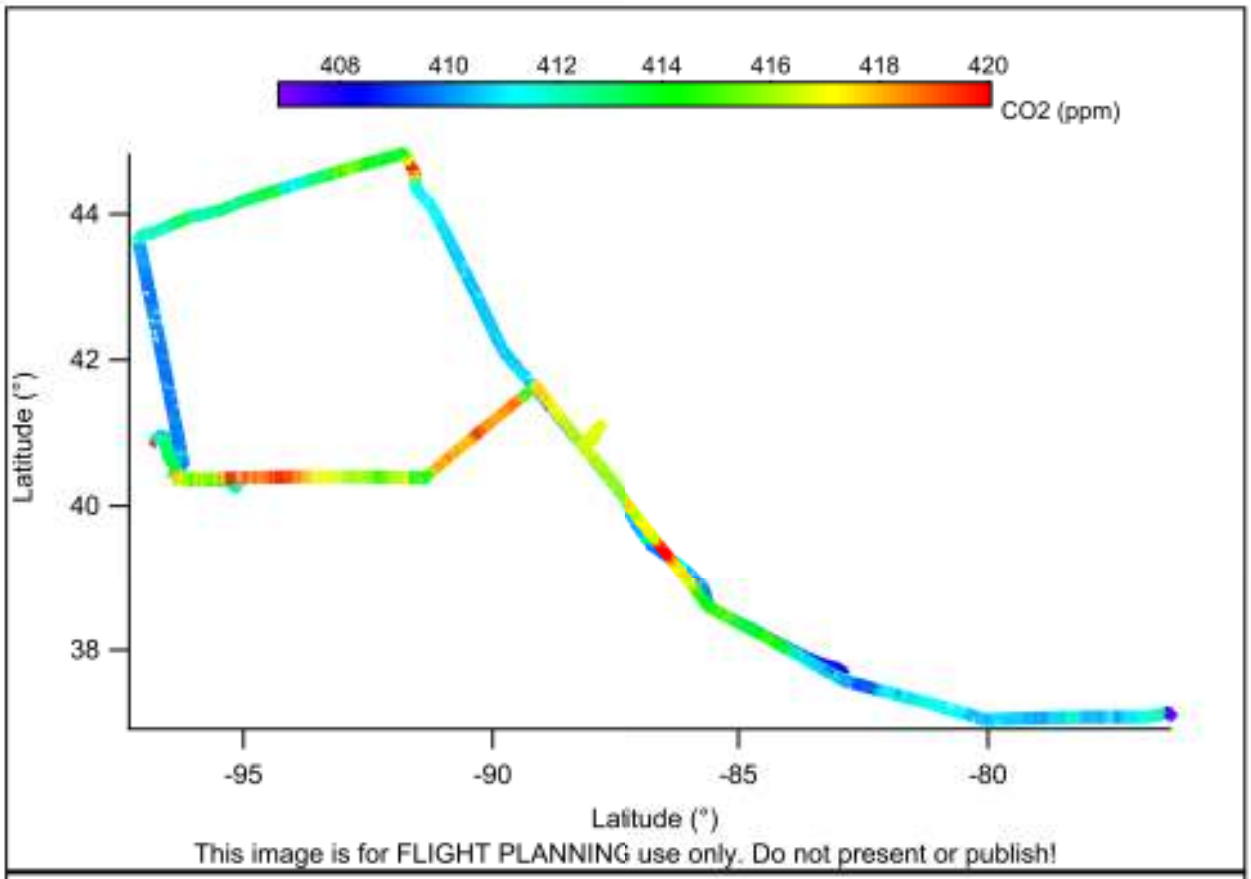

1.86
1.88
1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

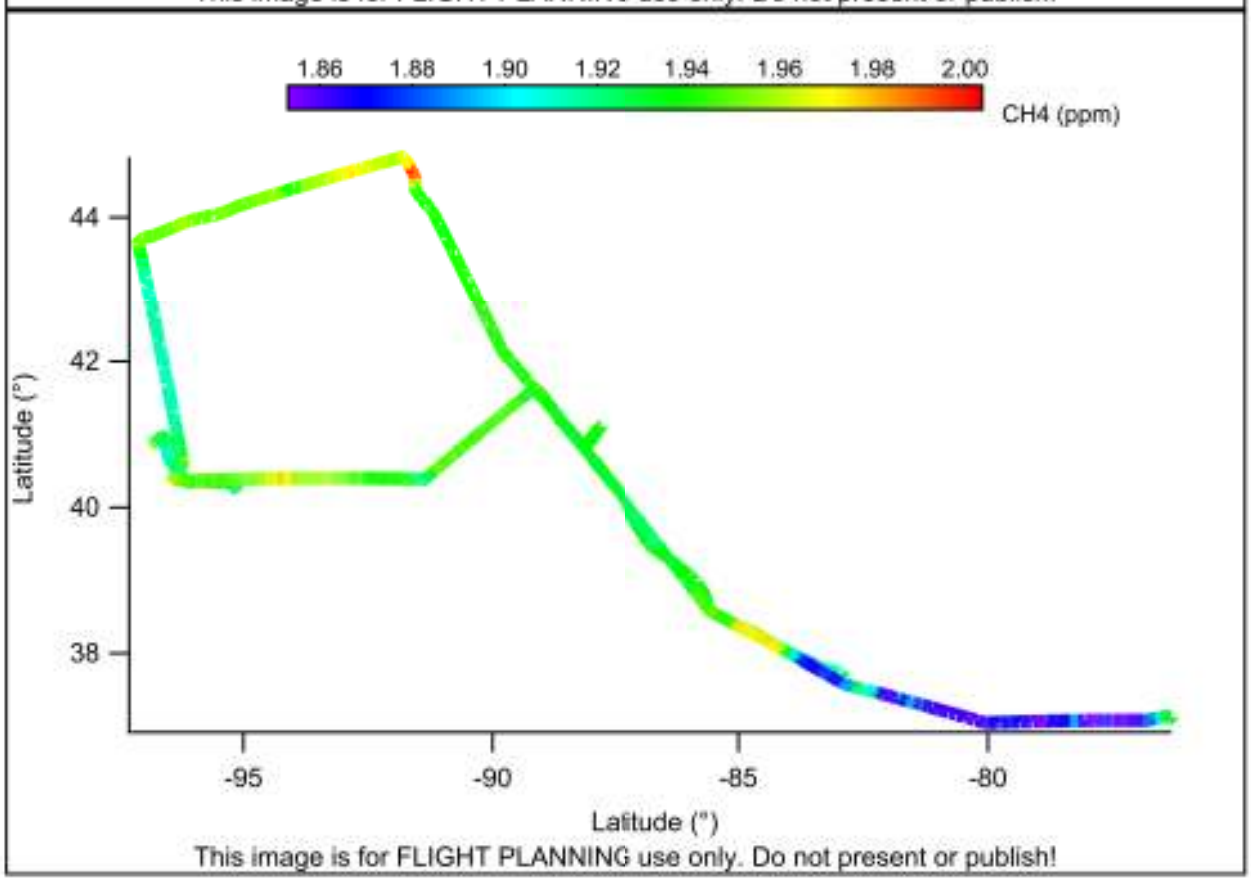

0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

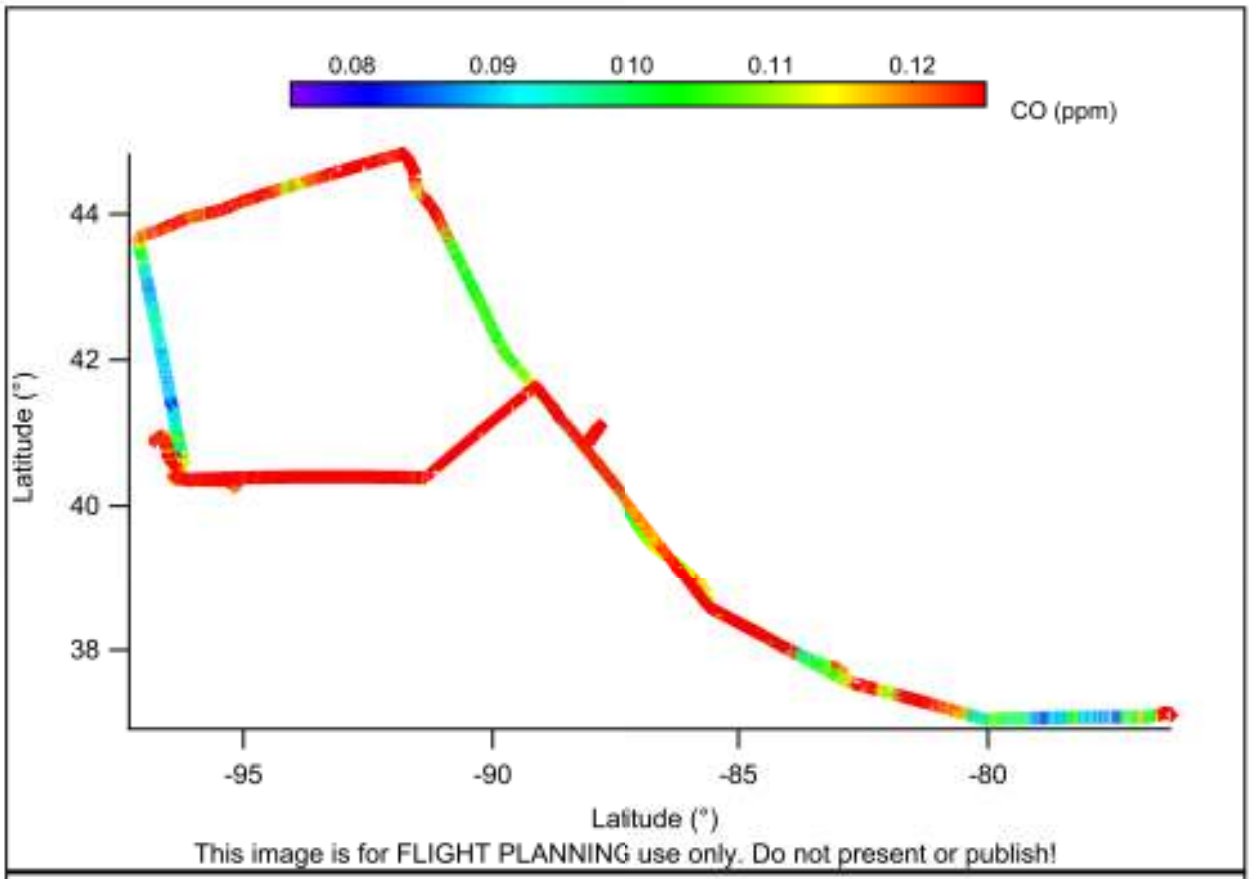

2
4
6
8
10
12
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

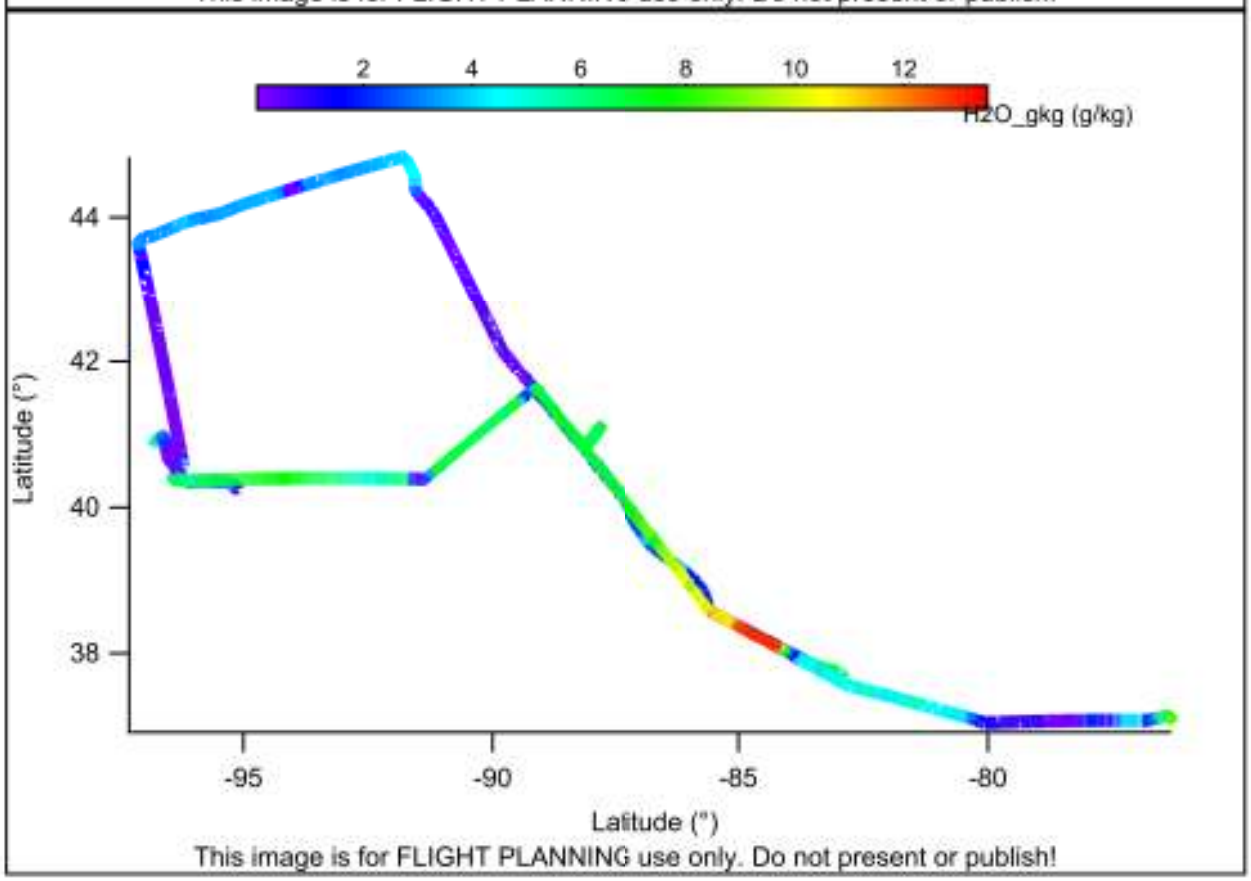

-40
-30
-20
-10
0
10
DP (°C)
25
20
15
10
5
0
Pressure Altitude (kft)
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

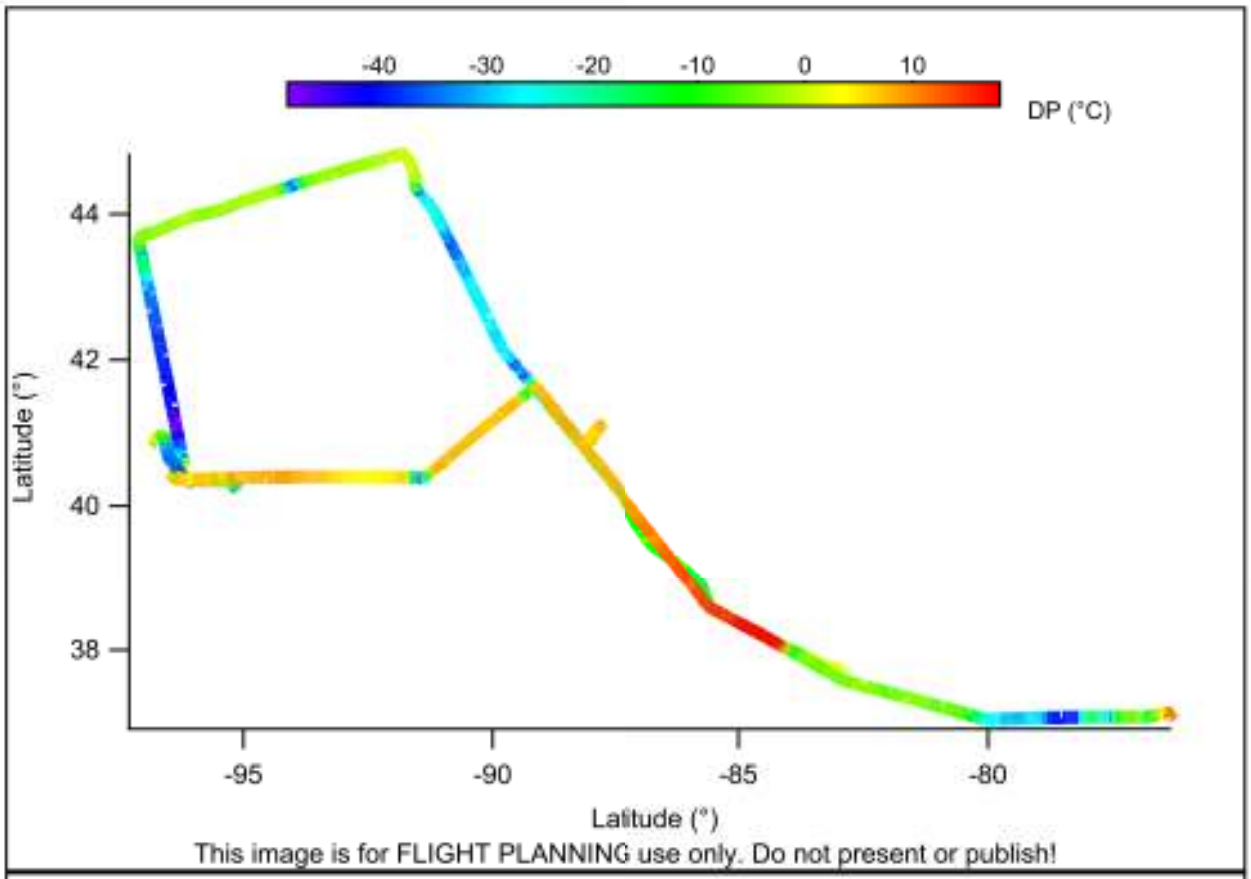

30
40
50
60
70
80
O3 (ppb)
25
20
15
10
5
0
Pressure Altitude (kft)
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


408
410
412
414
416
418
420
CO2 (ppm)
44
42
40
38
Latitude (°)
-95
-90
-85
-80
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)
44
42
40
38
Latitude (°)
-95
-90
-85
-80
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0.08
0.09
0.10
0.11
0.12
CO (ppm)
44
42
40
38
Latitude (°)
-95
-90
-85
-80
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


2
4
6
8
10
12
H2O_gkg (g/kg)
44
42
40
38
Latitude (°)
-95
-90
-85
-80
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-40
-30
-20
-10
0
10
DP (°C)
44
42
40
38
Latitude (°)
-95
-90
-85
-80
Latitude (°)
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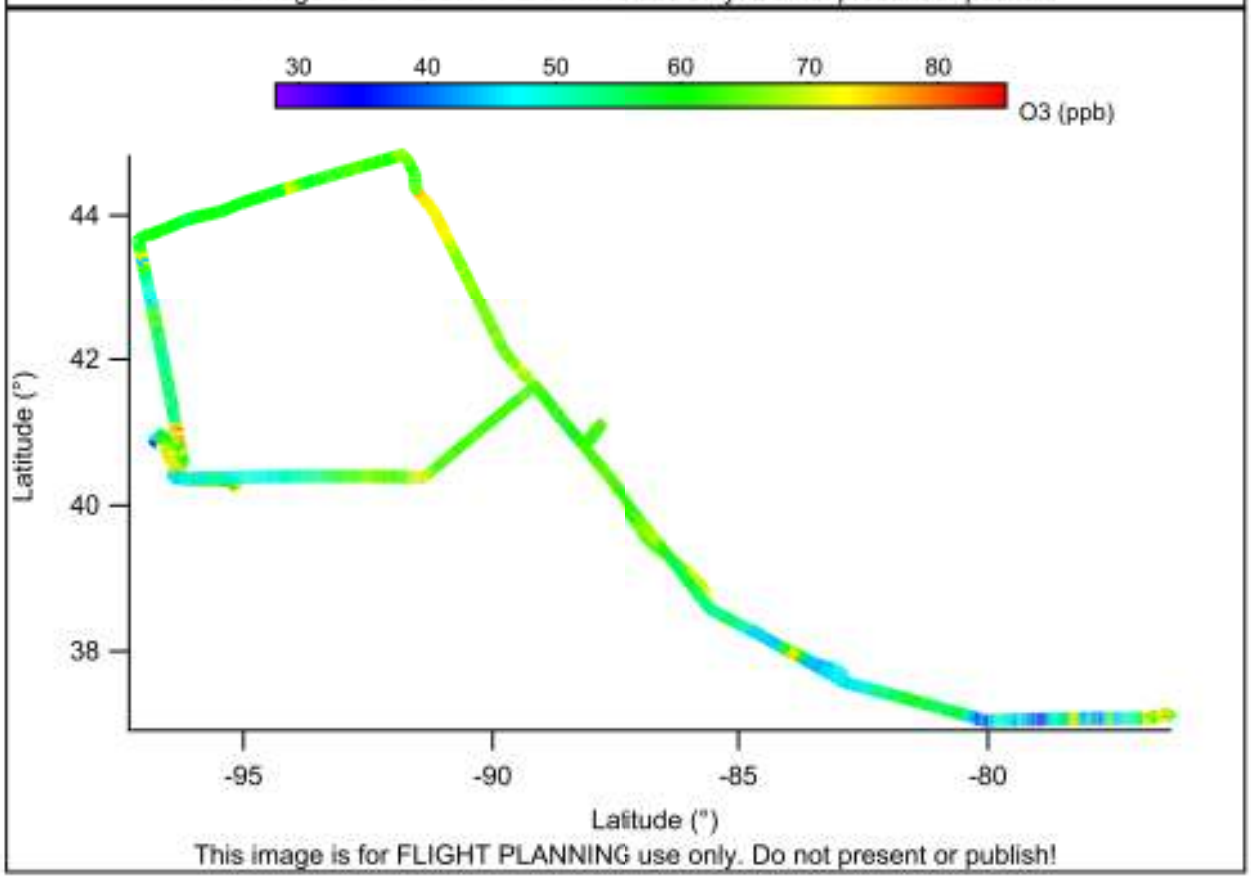
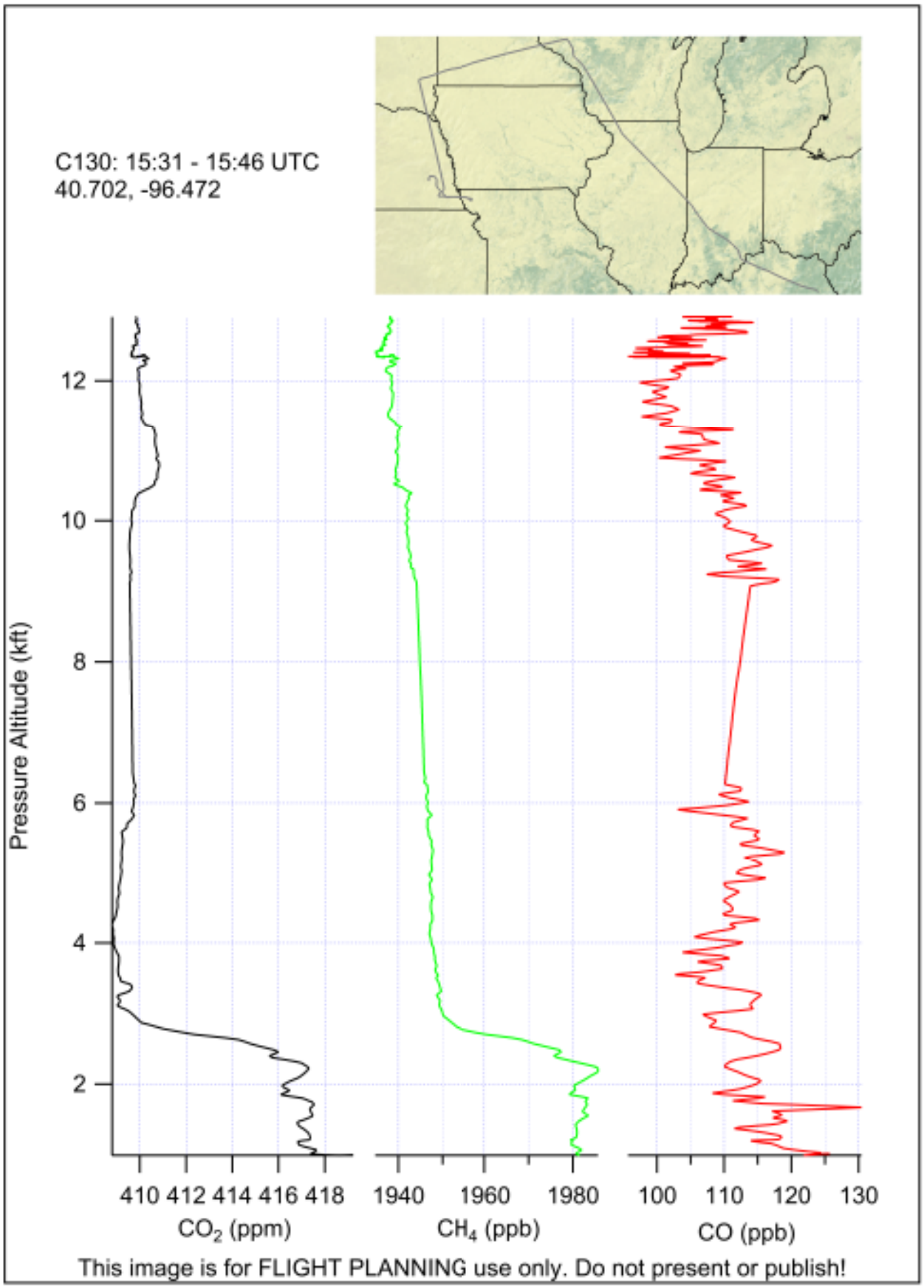
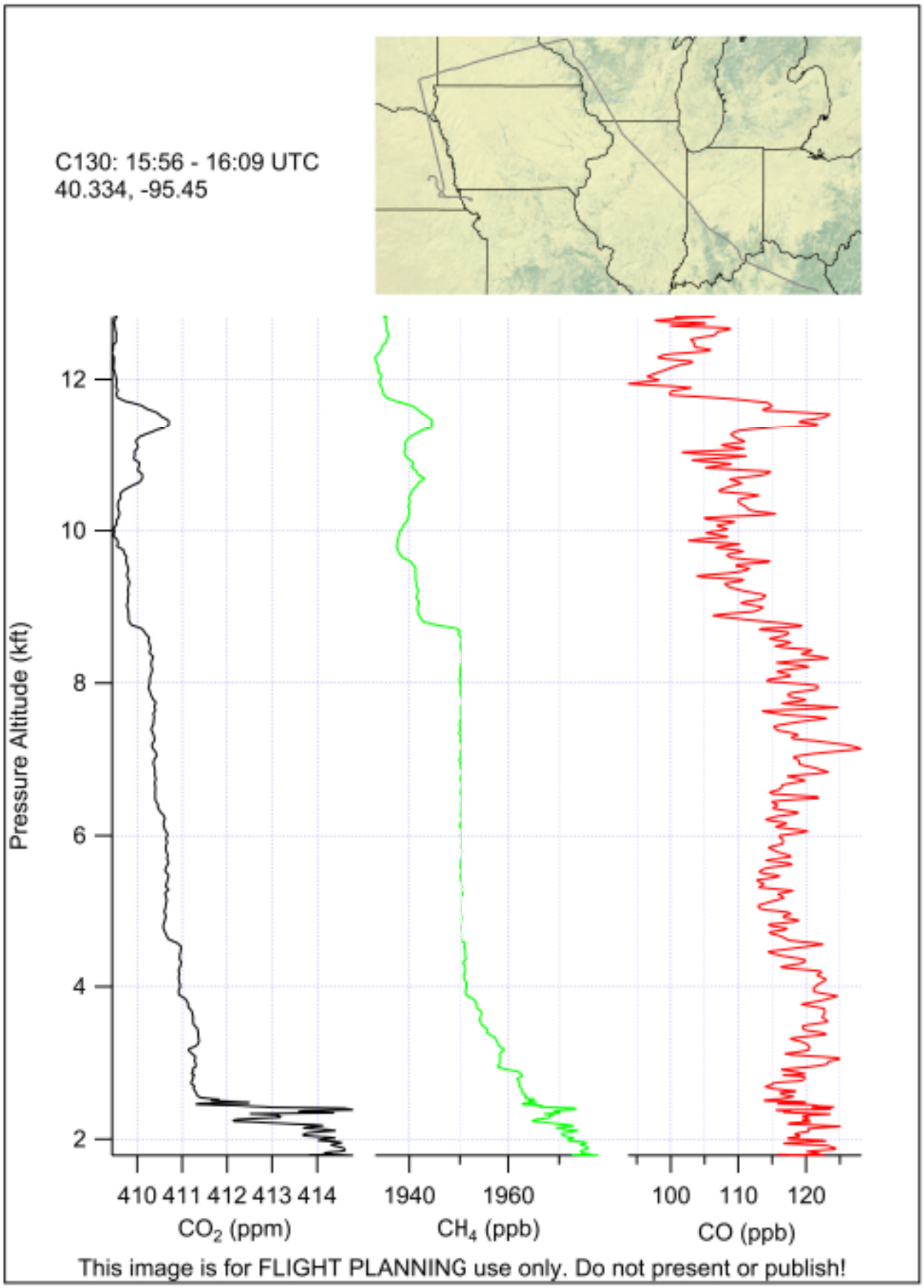
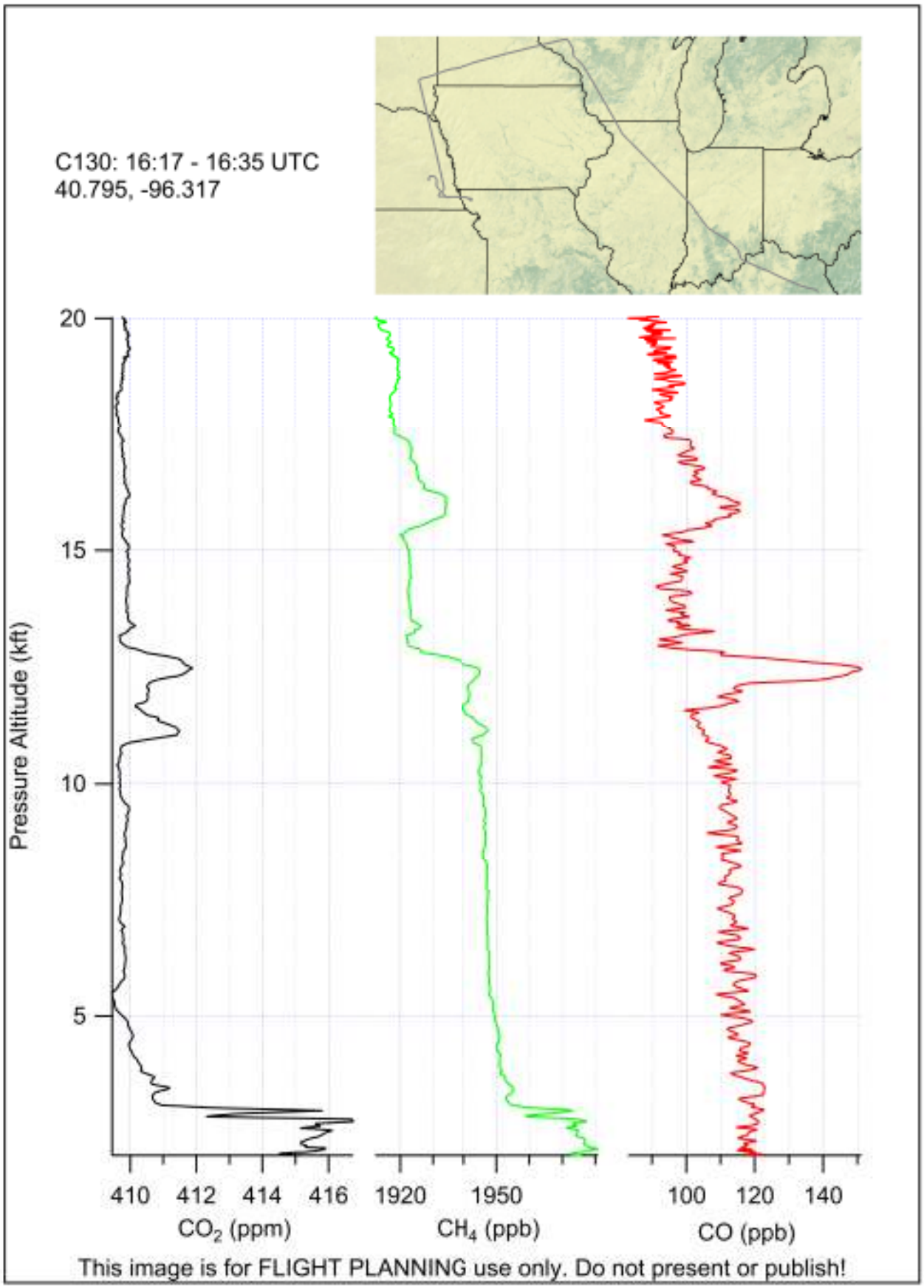
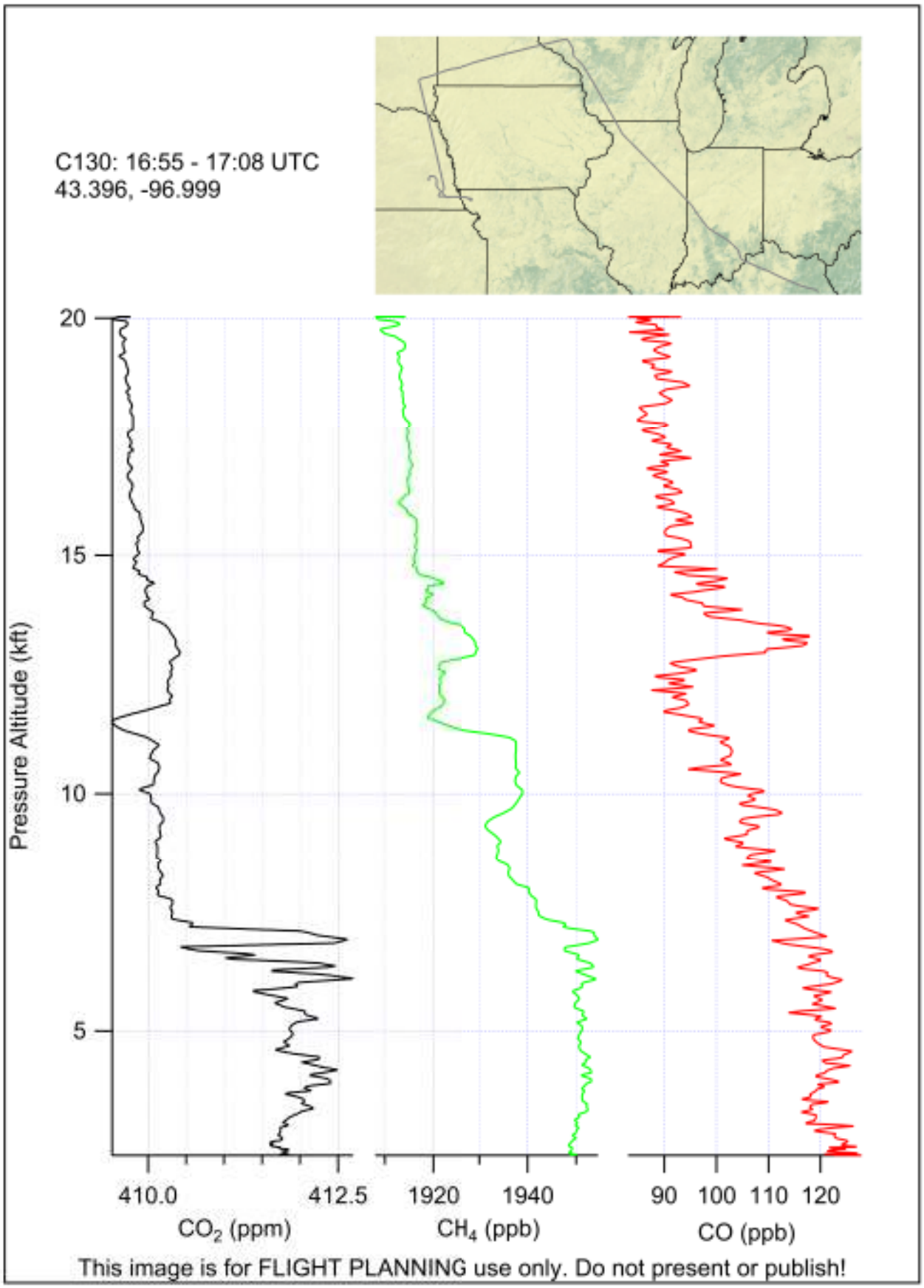
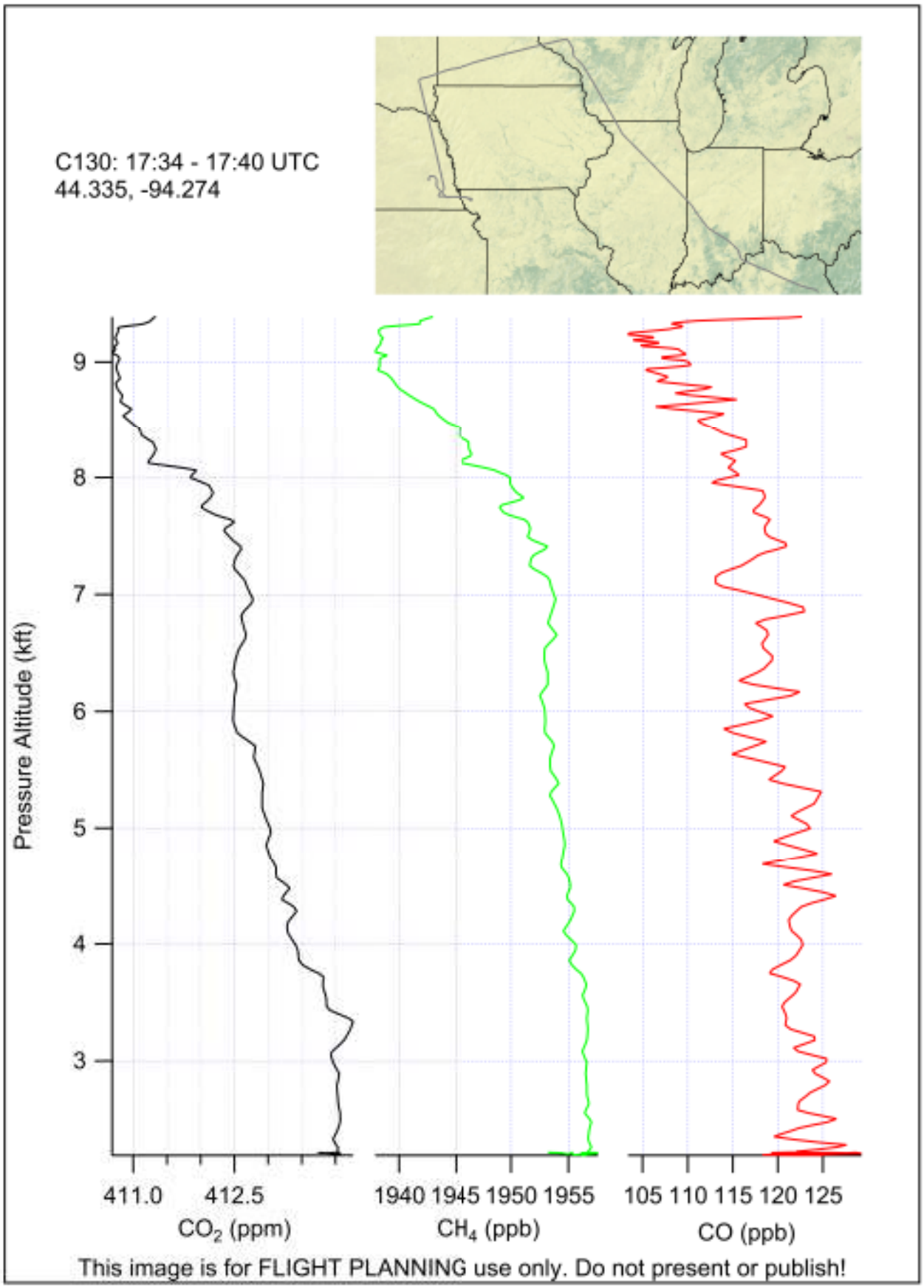

30
40
50
60
70
80
O3 (ppb)
44
42
40
38
Latitude (°)
-95
-90
-85
-80
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

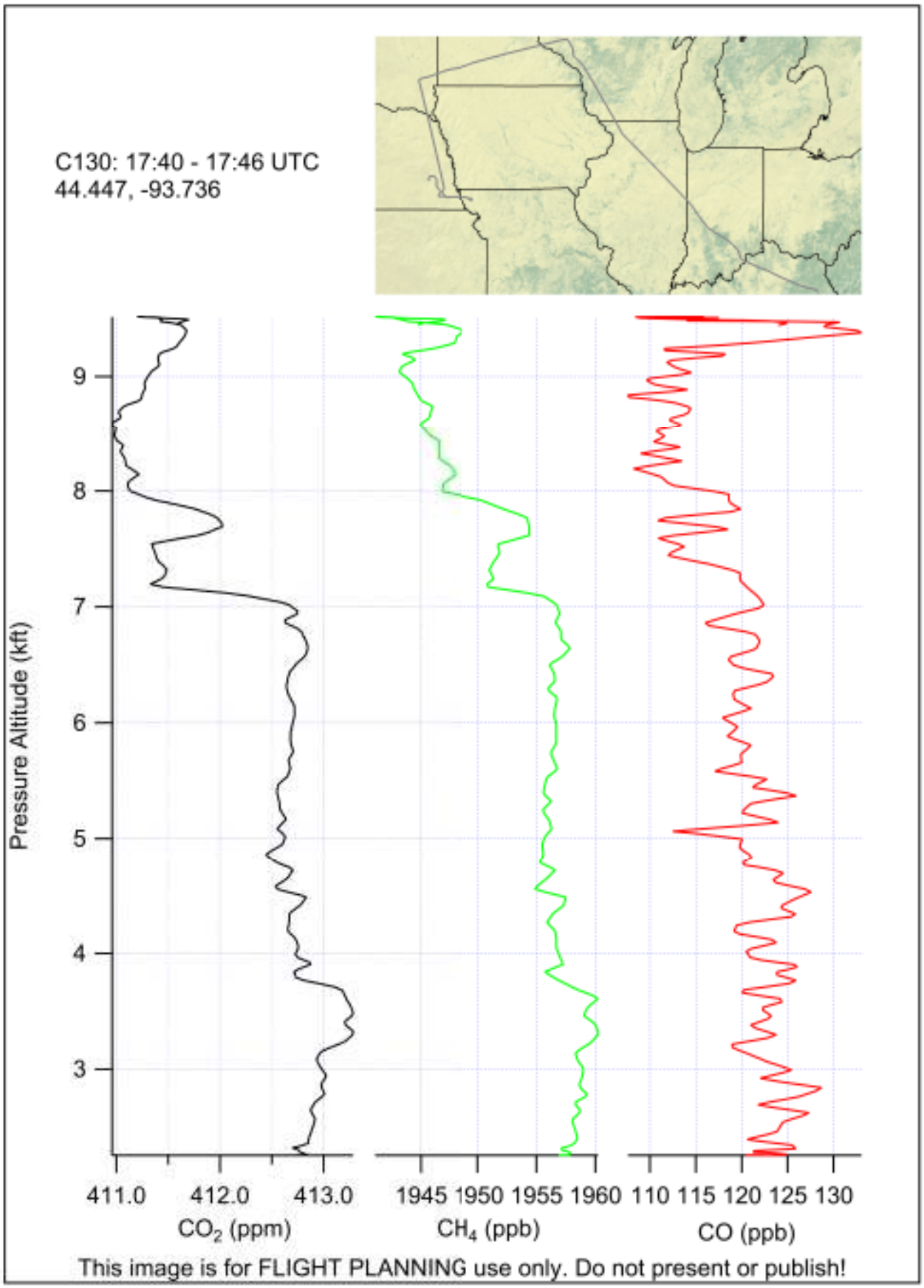

C130: 15:31 - 15:46 UTC
40.702, -96.472
Pressure Altitude (kft)
12
10
8
6
4
2
410 412 414 416 418
CO2 (ppm)
1940 1960 1980
CH4 (ppb)
100 110 120 130
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

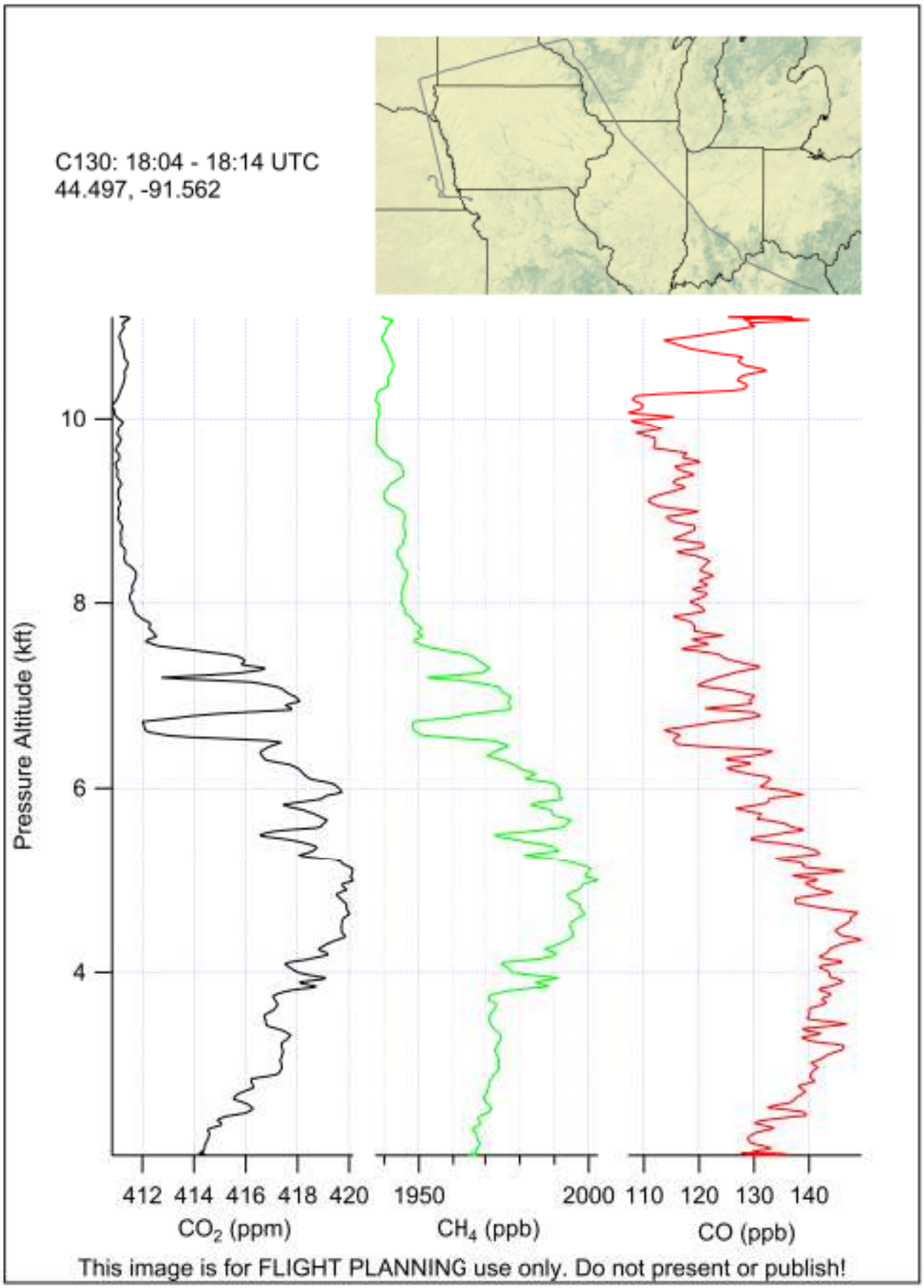

C130: 15:56 - 16:09 UTC
40.334, -95.45
Pressure Altitude (kft)
12
10
8
6
4
2
410 411 412 413 414
CO2 (ppm)
1940 1960
CH4 (ppb)
100 110 120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

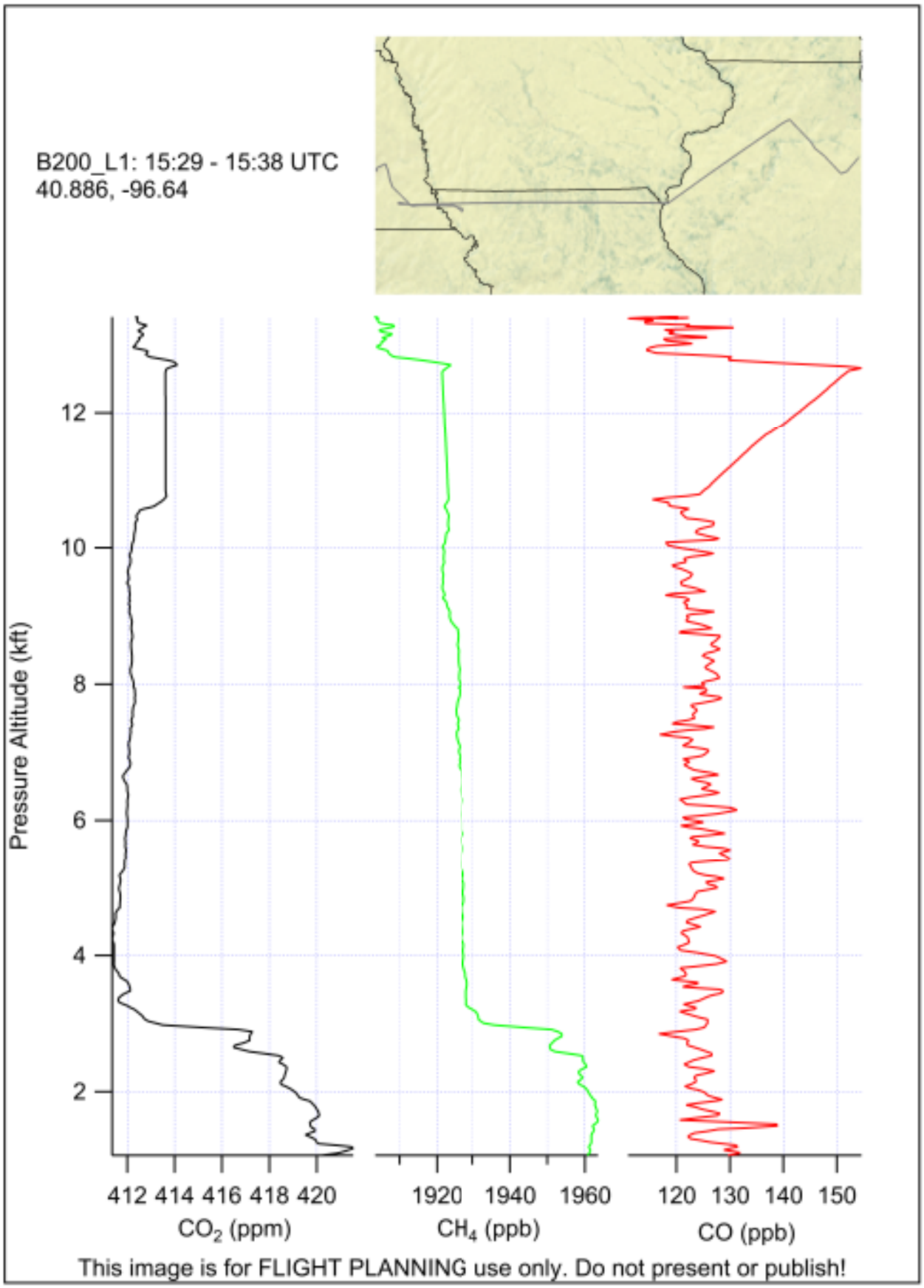

C130: 16:17 - 16:35 UTC
40.795, -96.317
Pressure Altitude (kft)
20
15
10
5
410
412
414
416
CO2 (ppm)
1920
1950
CH4 (ppb)
100
120
140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

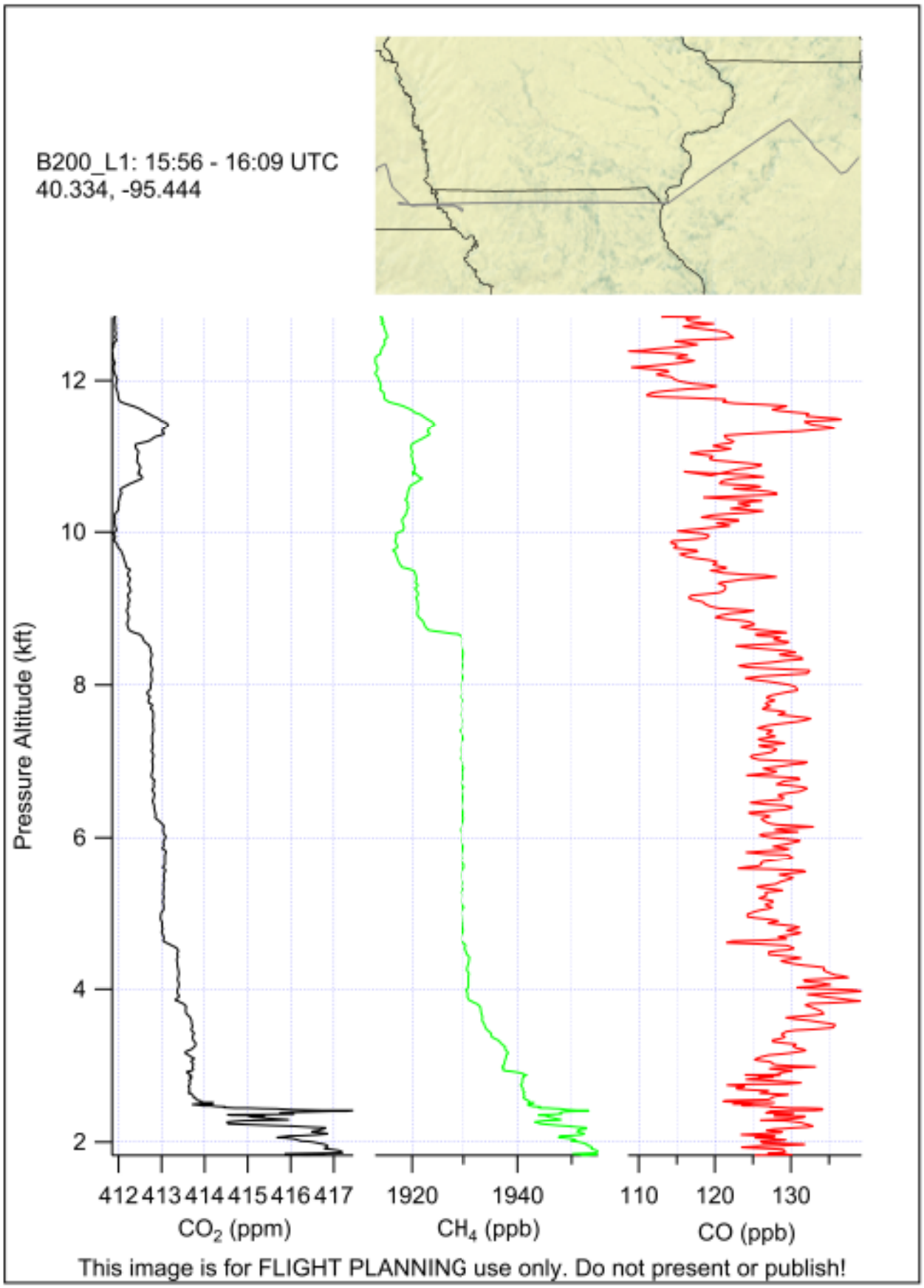

C130: 16:55 - 17:08 UTC
43.396, -96.999
Pressure Altitude (kft)
20
15
10
5
410.0
412.5
CO_2 (ppm)
1920
1940
CH_4 (ppb)
90
100
110
120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

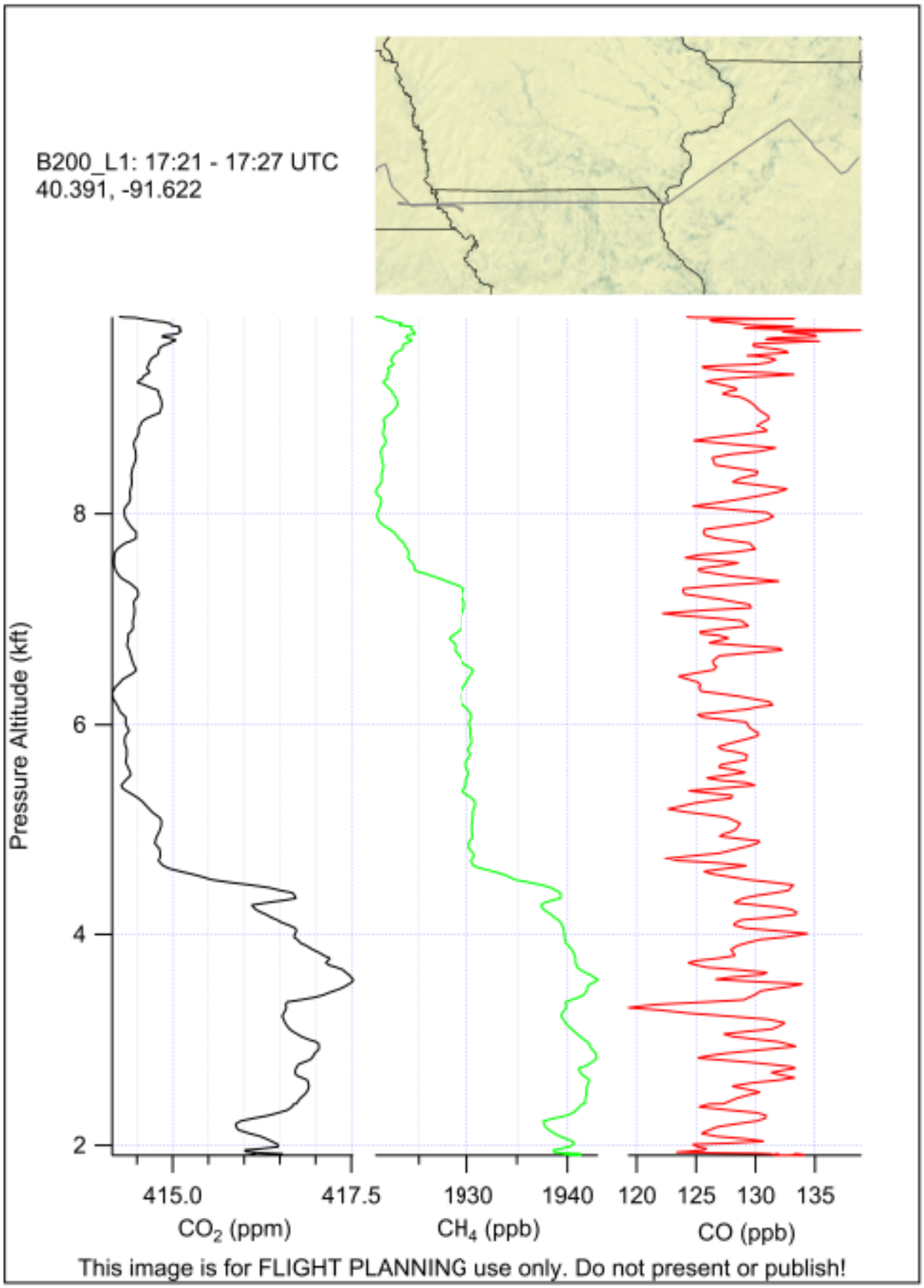

C130: 17:34 - 17:40 UTC
44.335, -94.274
Pressure Altitude (kft)
9
8
7
6
5
4
3
411.0
412.5
CO2 (ppm)
1940 1945 1950 1955
CH4 (ppb)
105 110 115 120 125
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

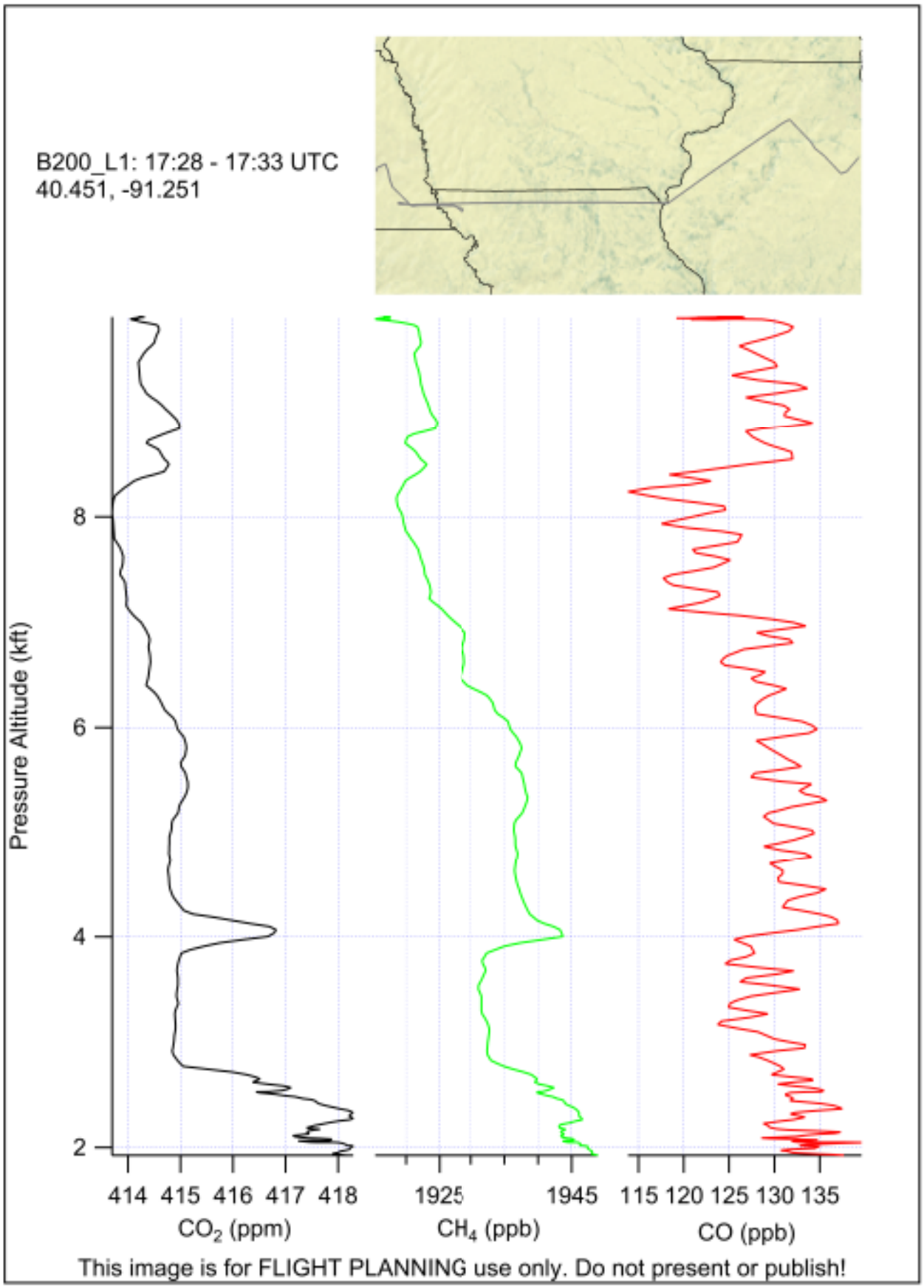

C130: 17:40 - 17:46 UTC
44.447, -93.736
Pressure Altitude (kft)
9
8
7
6
5
4
3
411.0
412.0
413.0
CO_2 (ppm)
1945 1950 1955 1960
CH_4 (ppb)
110 115 120 125 130
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

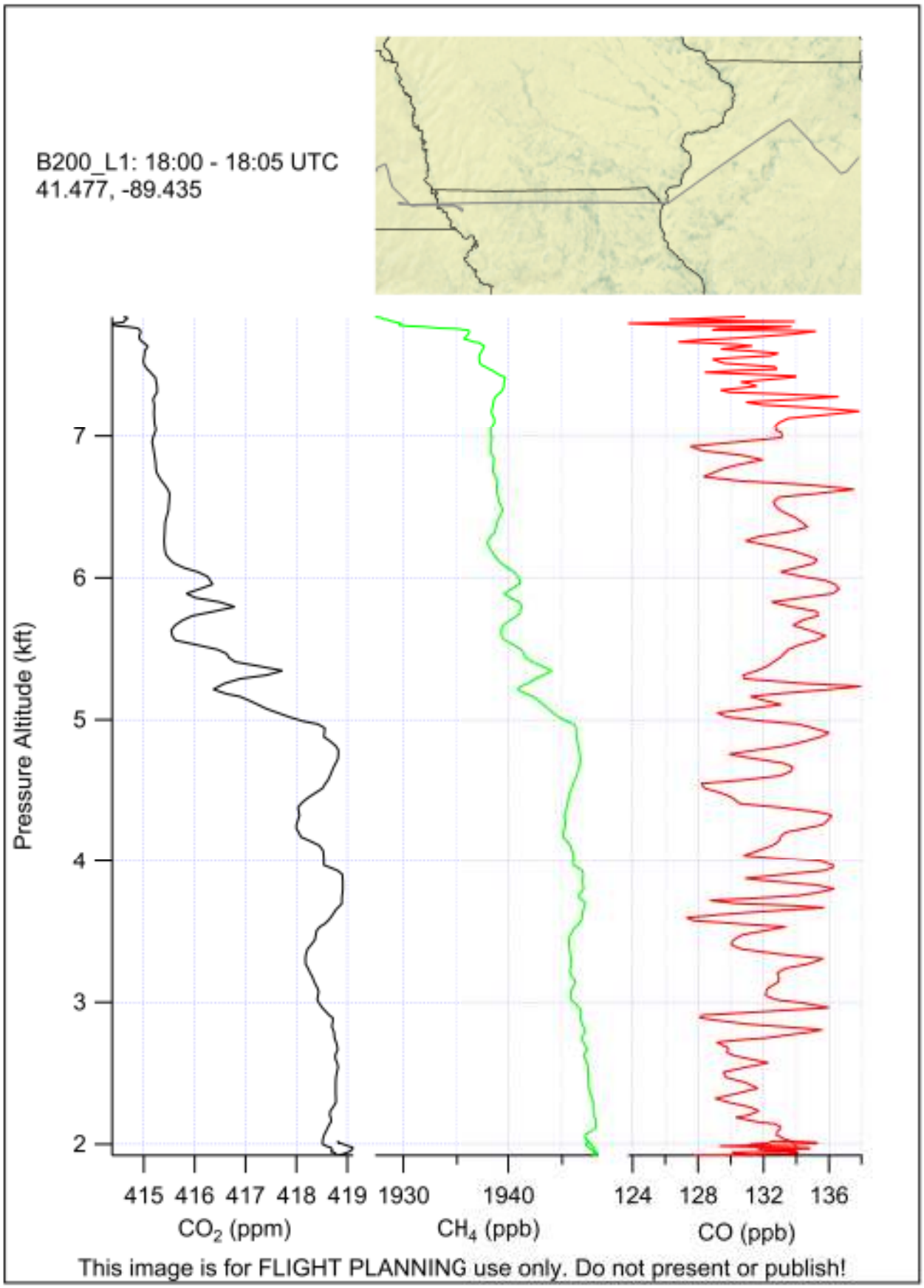

C130: 18:04 - 18:14 UTC
44.497, -91.562
Pressure Altitude (kft)
10
8
6
4
412 414 416 418 420
CO2 (ppm)
1950 2000
CH4 (ppb)
110 120 130 140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

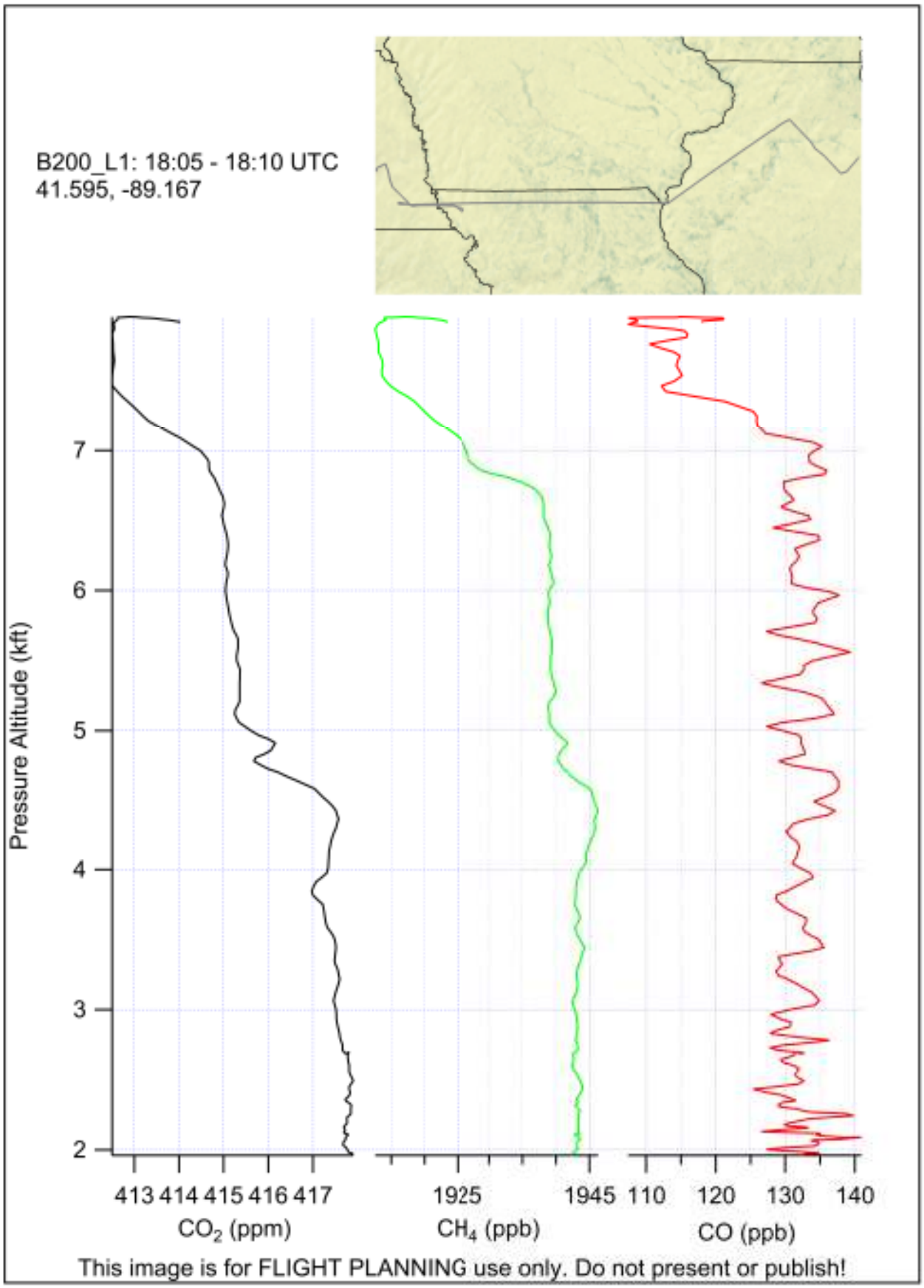

B200_L1: 15:29 - 15:38 UTC
40.886, -96.64
Pressure Altitude (kft)
12
10
8
6
4
2
412 414 416 418 420
CO2 (ppm)
1920 1940 1960
CH4 (ppb)
120 130 140 150
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

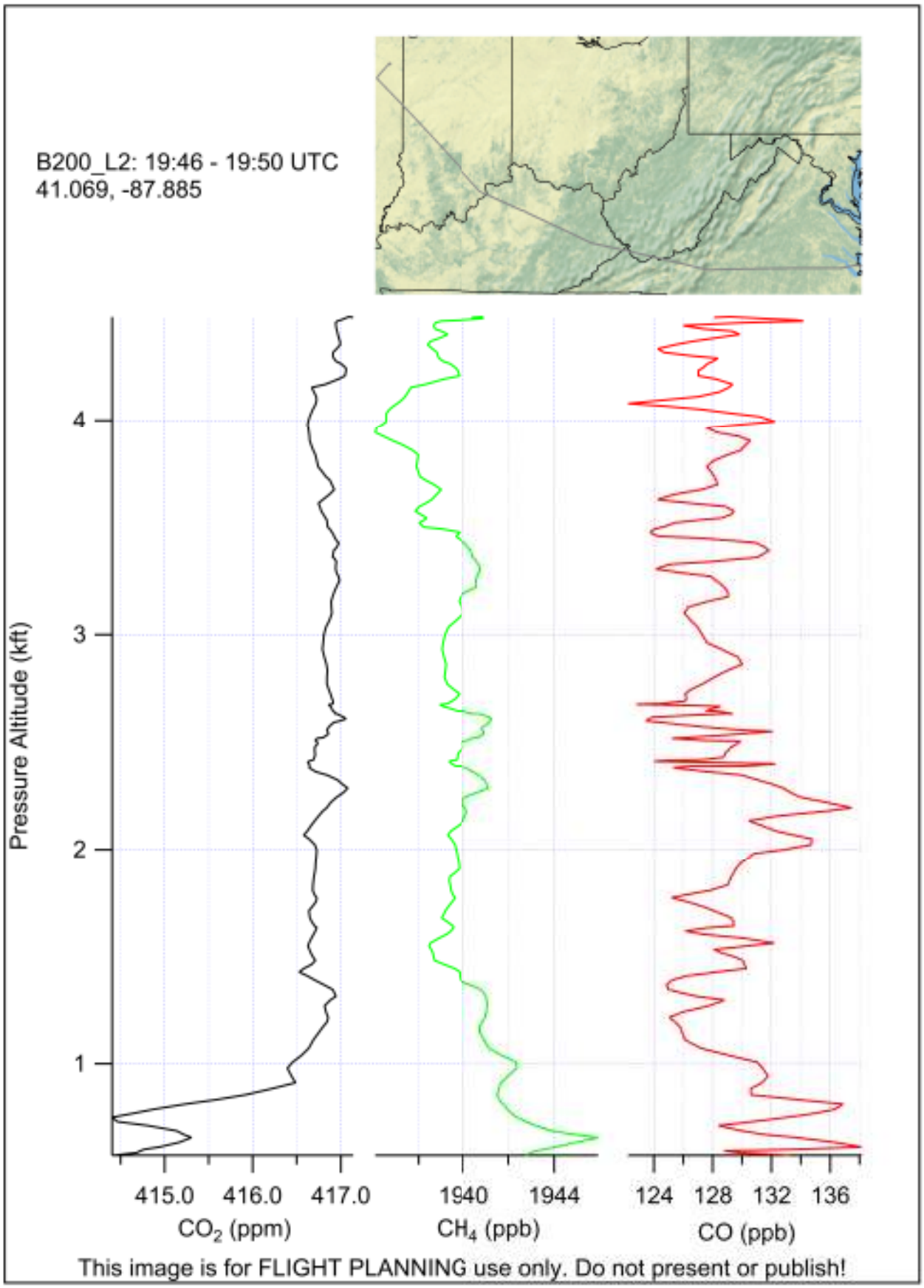

B200_L1: 15:56 - 16:09 UTC
40.334, -95.444
Pressure Altitude (kft)
12
10
8
6
4
2
412 413 414 415 416 417
CO2 (ppm)
1920 1940
CH4 (ppb)
110 120 130
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

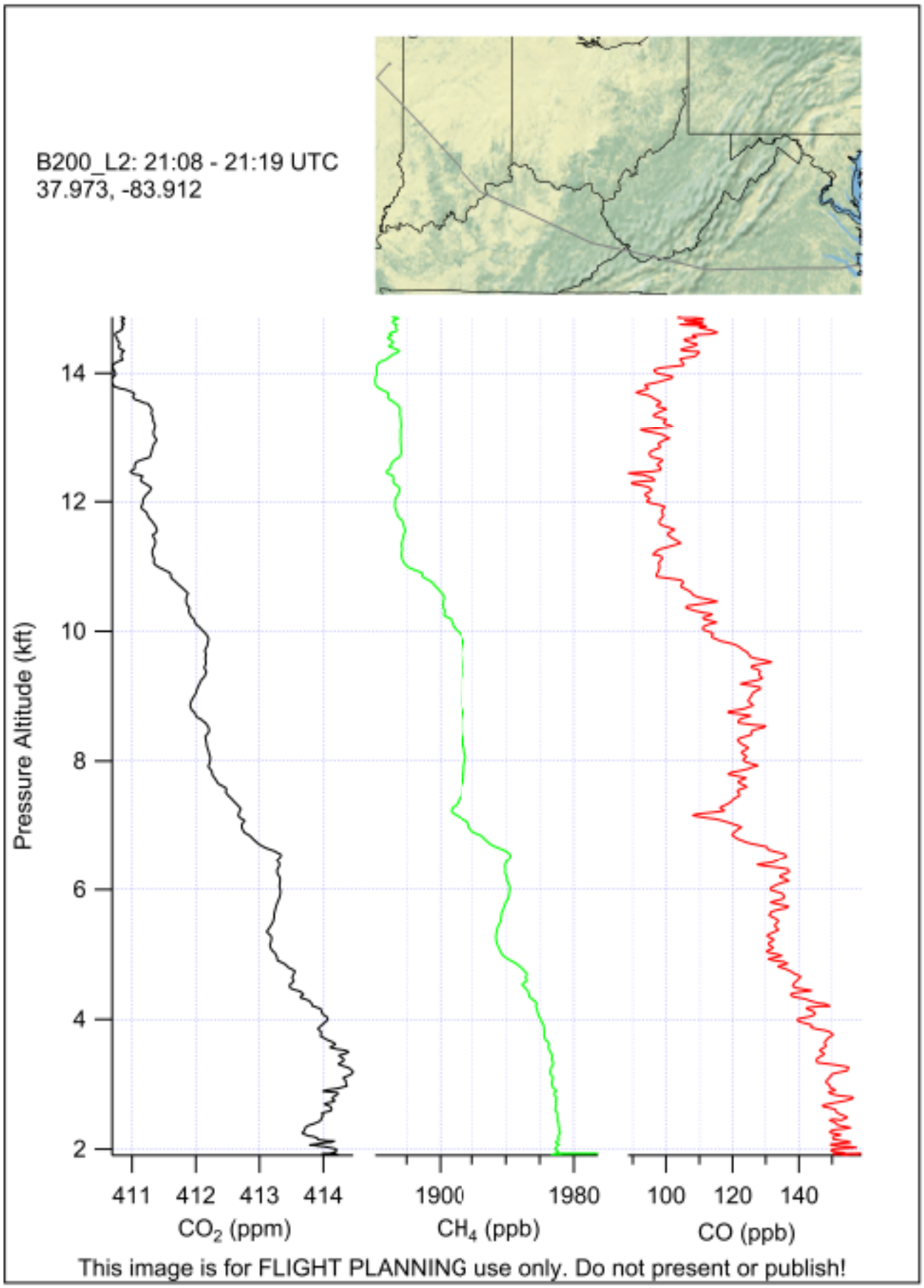

B200_L1: 17:21 - 17:27 UTC
40.391, -91.622
Pressure Altitude (kft)
8
6
4
2
415.0
417.5
CO2 (ppm)
1930
1940
CH4 (ppb)
120
125
130
135
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

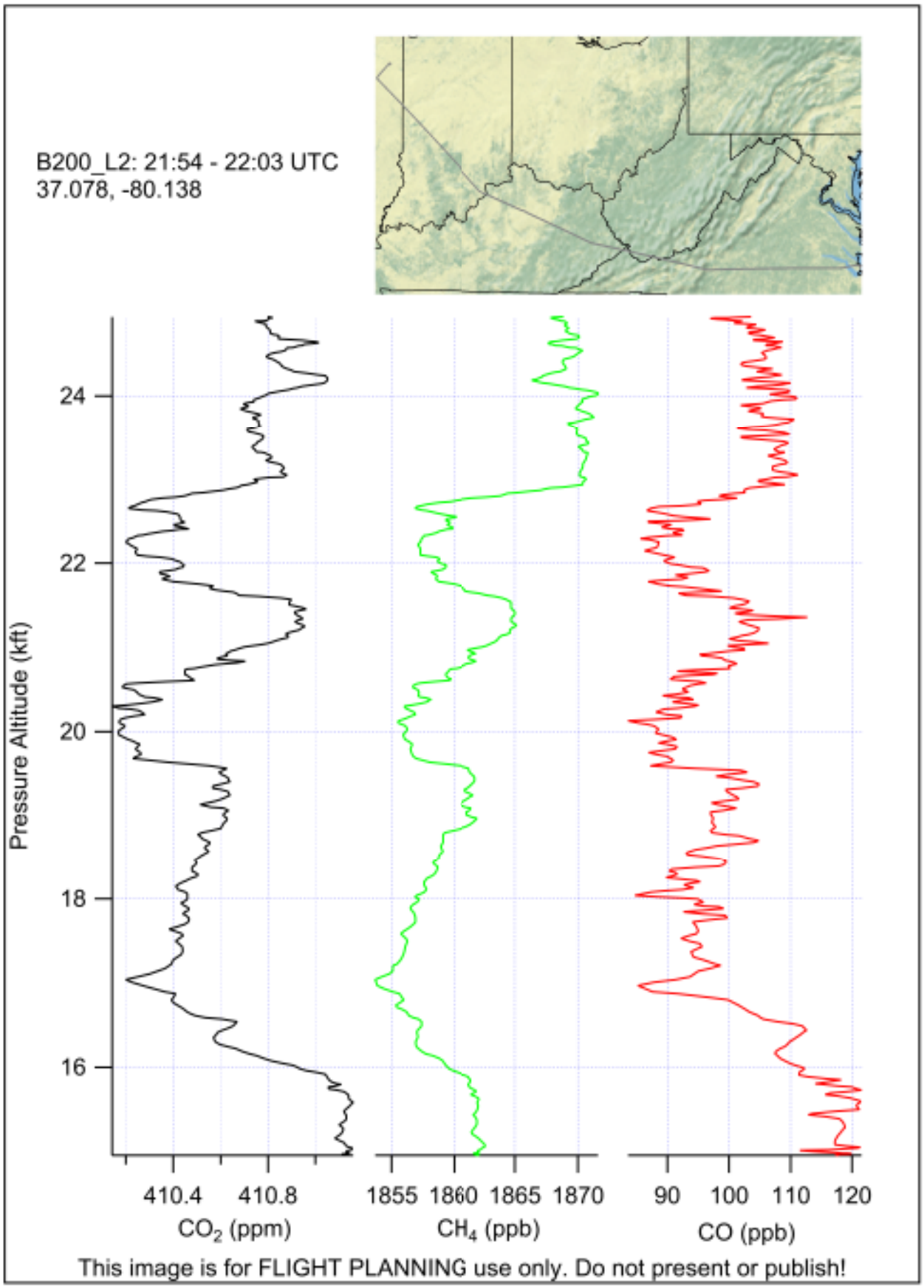

B200_L1: 17:28 - 17:33 UTC
40.451, -91.251
Pressure Altitude (kft)
8
6
4
2
414 415 416 417 418
CO2 (ppm)
1925
1945
CH4 (ppb)
115 120 125 130 135
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

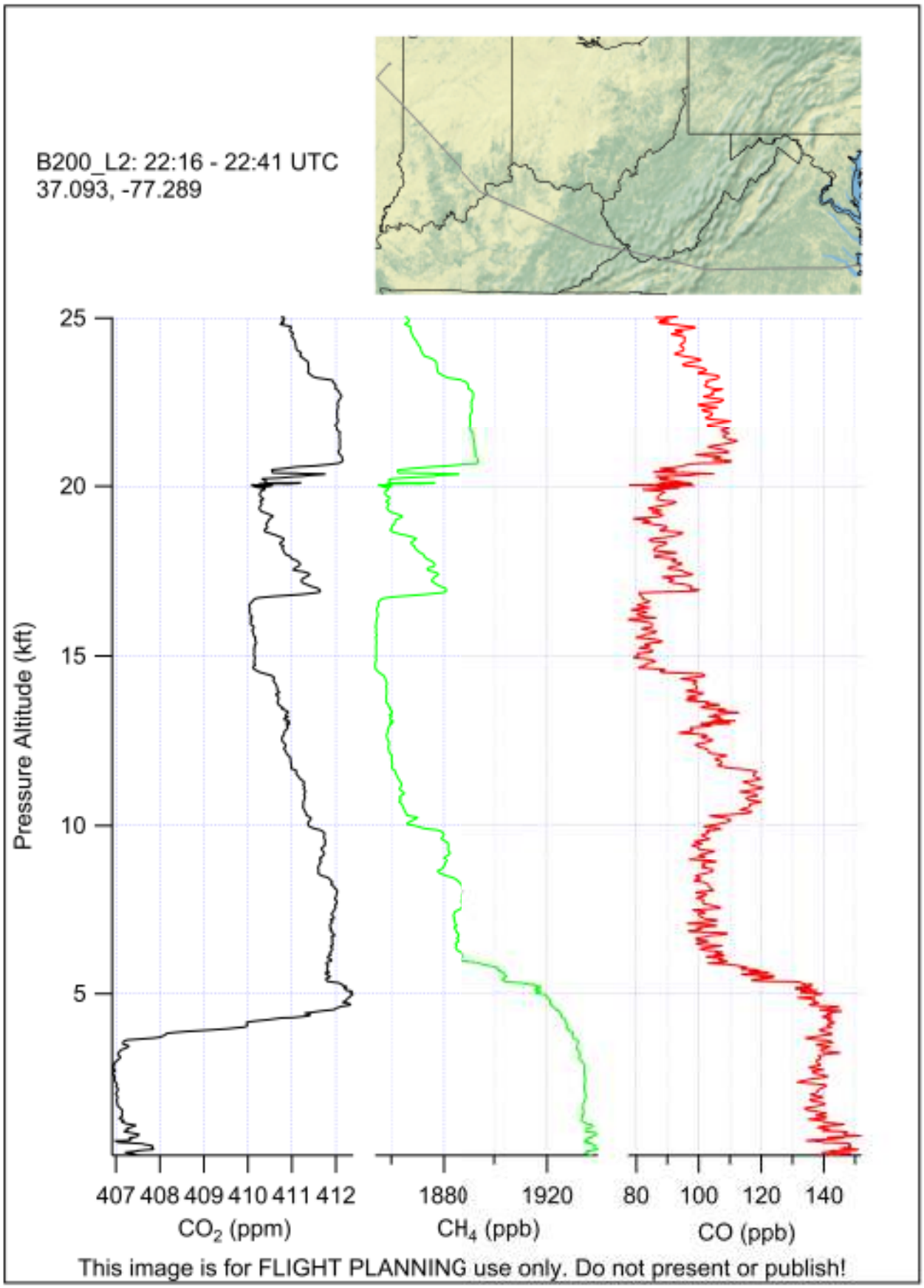

B200_L1: 18:00 - 18:05 UTC
41.477, -89.435
Pressure Altitude (kft)
7
6
5
4
3
2
415 416 417 418 419
CO2 (ppm)
1930 1940
CH4 (ppb)
124 128 132 136
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 18:05 - 18:10 UTC
41.595, -89.167
Pressure Altitude (kft)
7
6
5
4
3
2
413 414 415 416 417
CO2 (ppm)
1925
1945
CH4 (ppb)
110
120
130
140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 19:46 - 19:50 UTC
41.069, -87.885
Pressure Altitude (kft)
4
3
2
1
415.0
416.0
417.0
CO2 (ppm)
1940
1944
CH4 (ppb)
124
128
132
136
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 21:08 - 21:19 UTC
37.973, -83.912
Pressure Altitude (kft)
14
12
10
8
6
4
2
411
412
413
414
CO2 (ppm)
1900
1980
CH4 (ppb)
100
120
140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 21:54 - 22:03 UTC
37.078, -80.138
Pressure Altitude (kft)
24
22
20
18
16
410.4
410.8
CO2 (ppm)
1855
1860
1865
1870
CH4 (ppb)
90
100
110
120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 22:16 - 22:41 UTC
37.093, -77.289
Pressure Altitude (kft)
25
20
15
10
5
407 408 409 410 411 412
CO2 (ppm)
1880 1920
CH4 (ppb)
80 100 120 140
CO (ppb)
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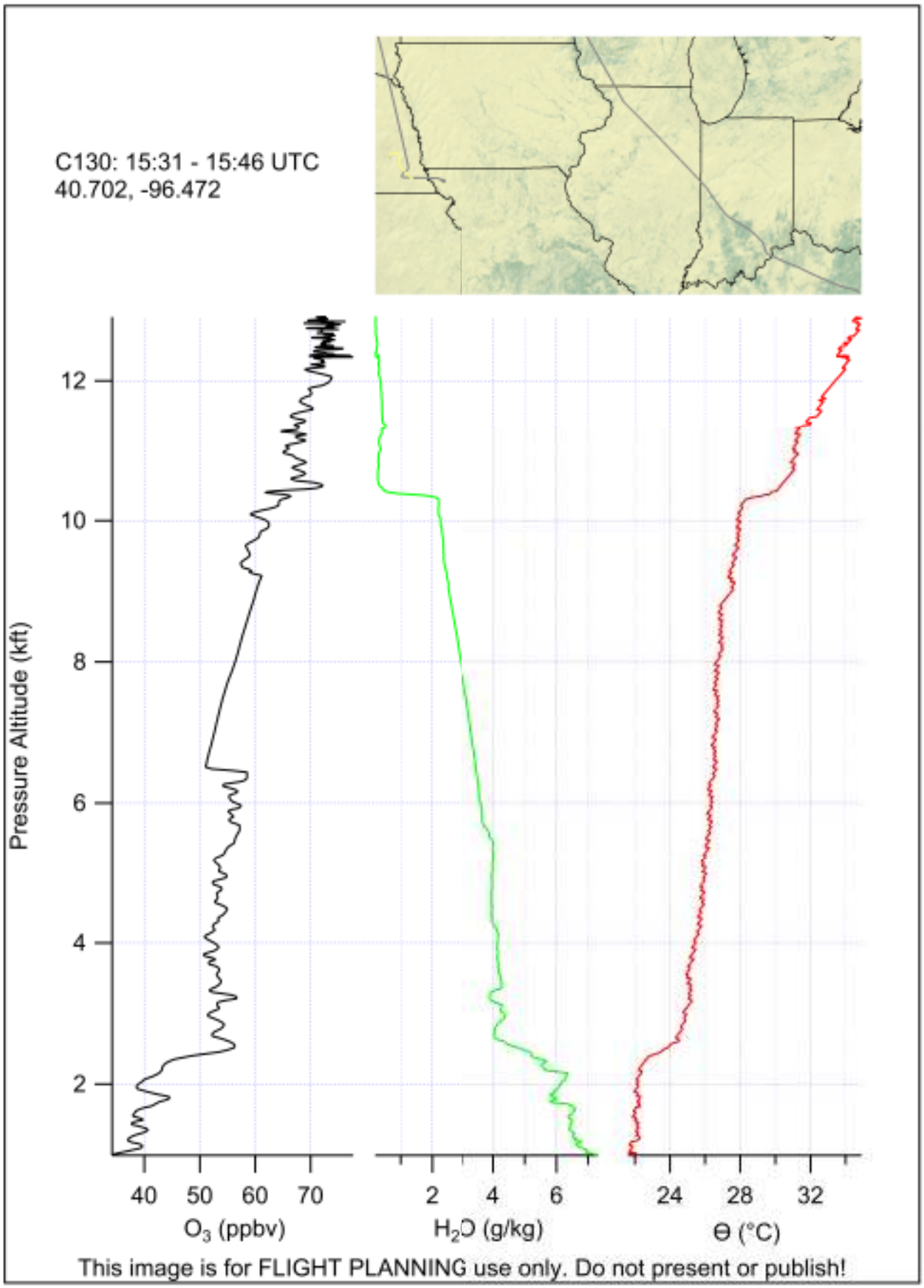
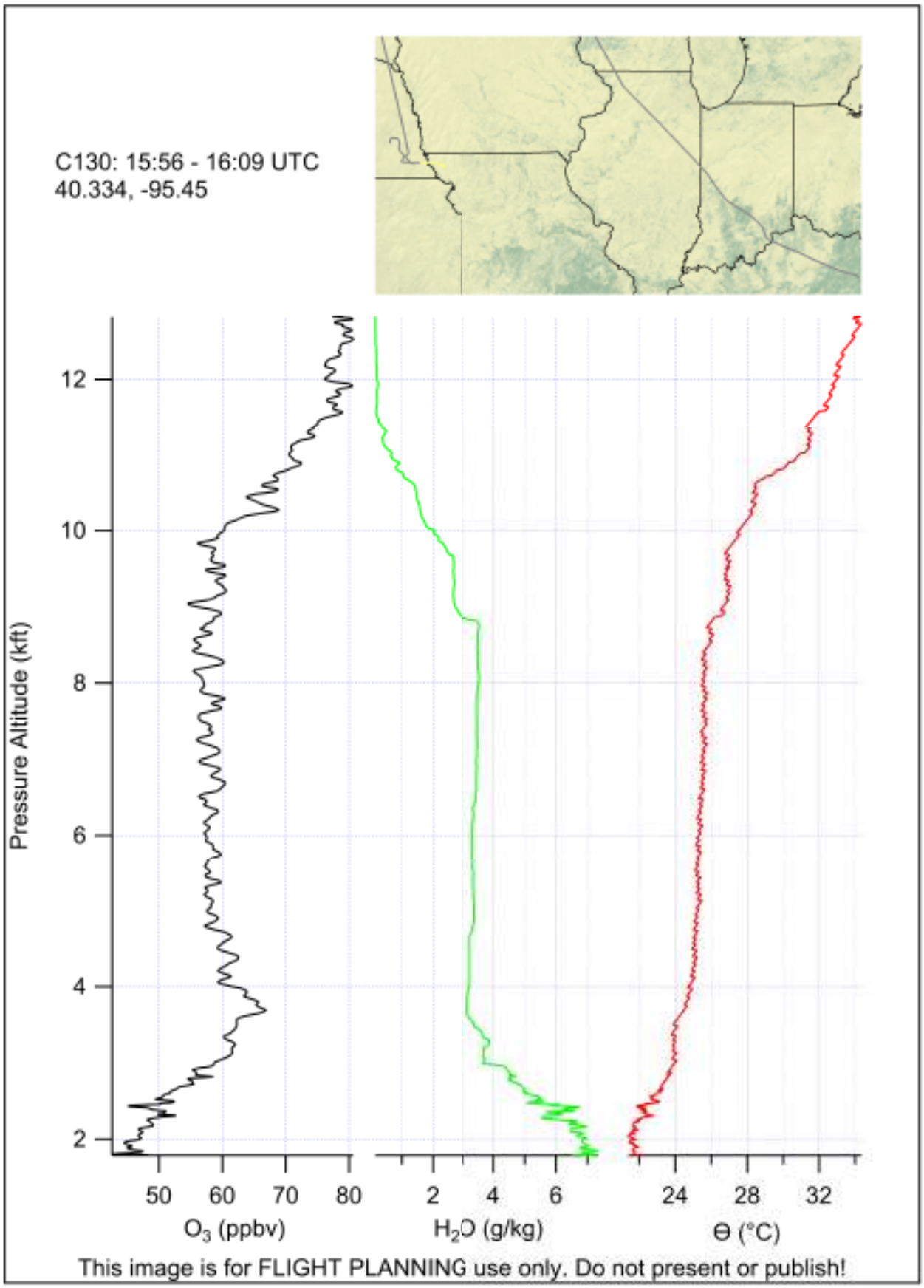
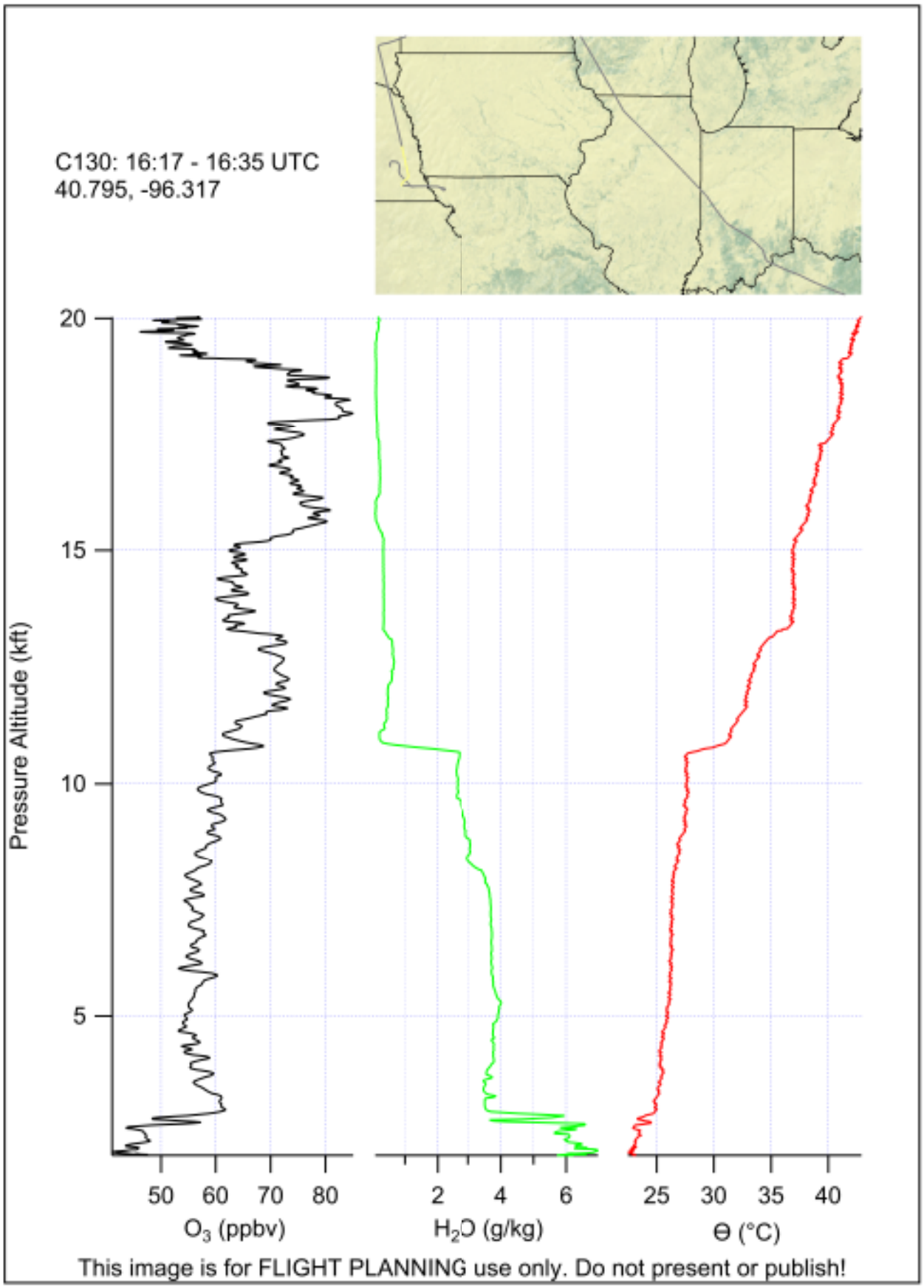
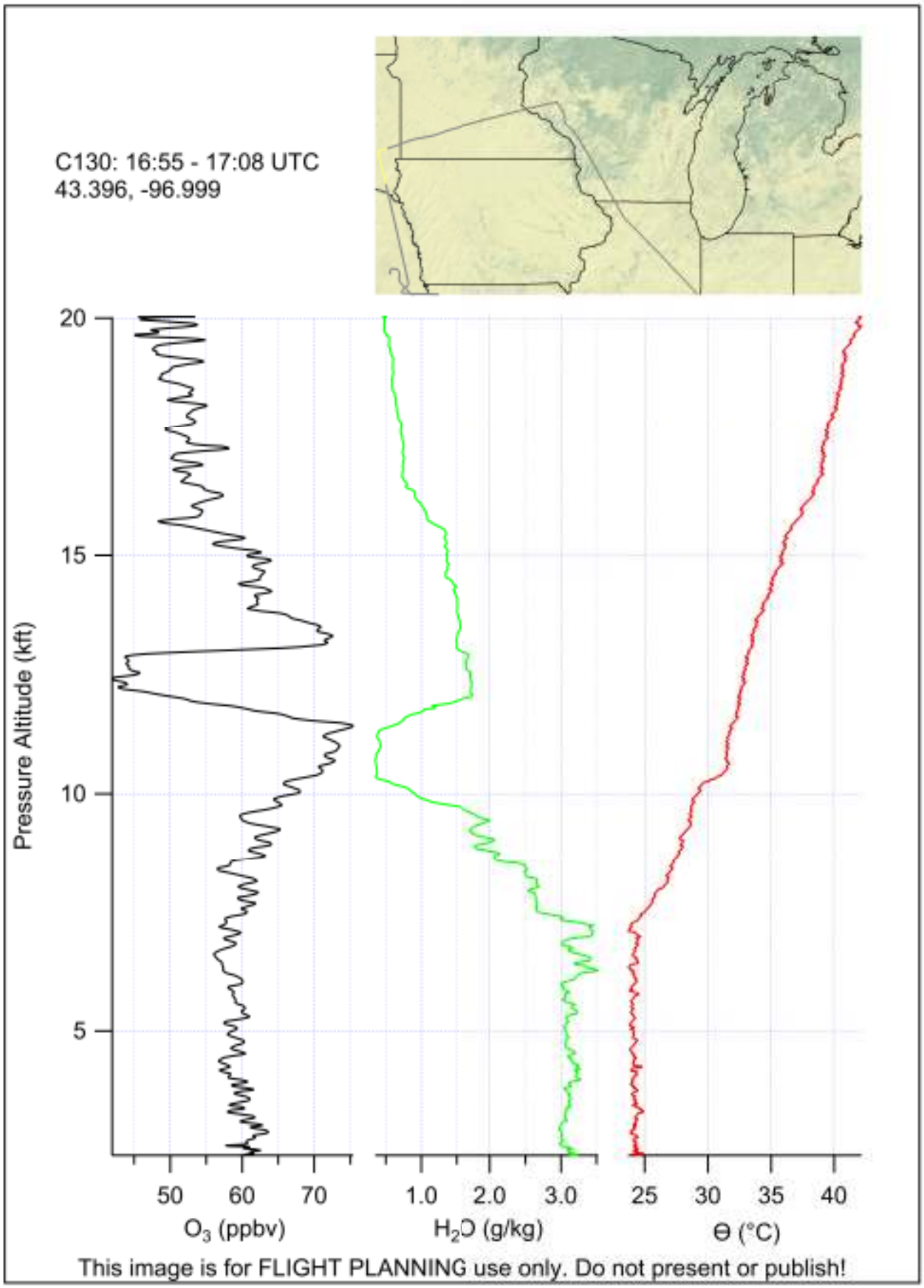
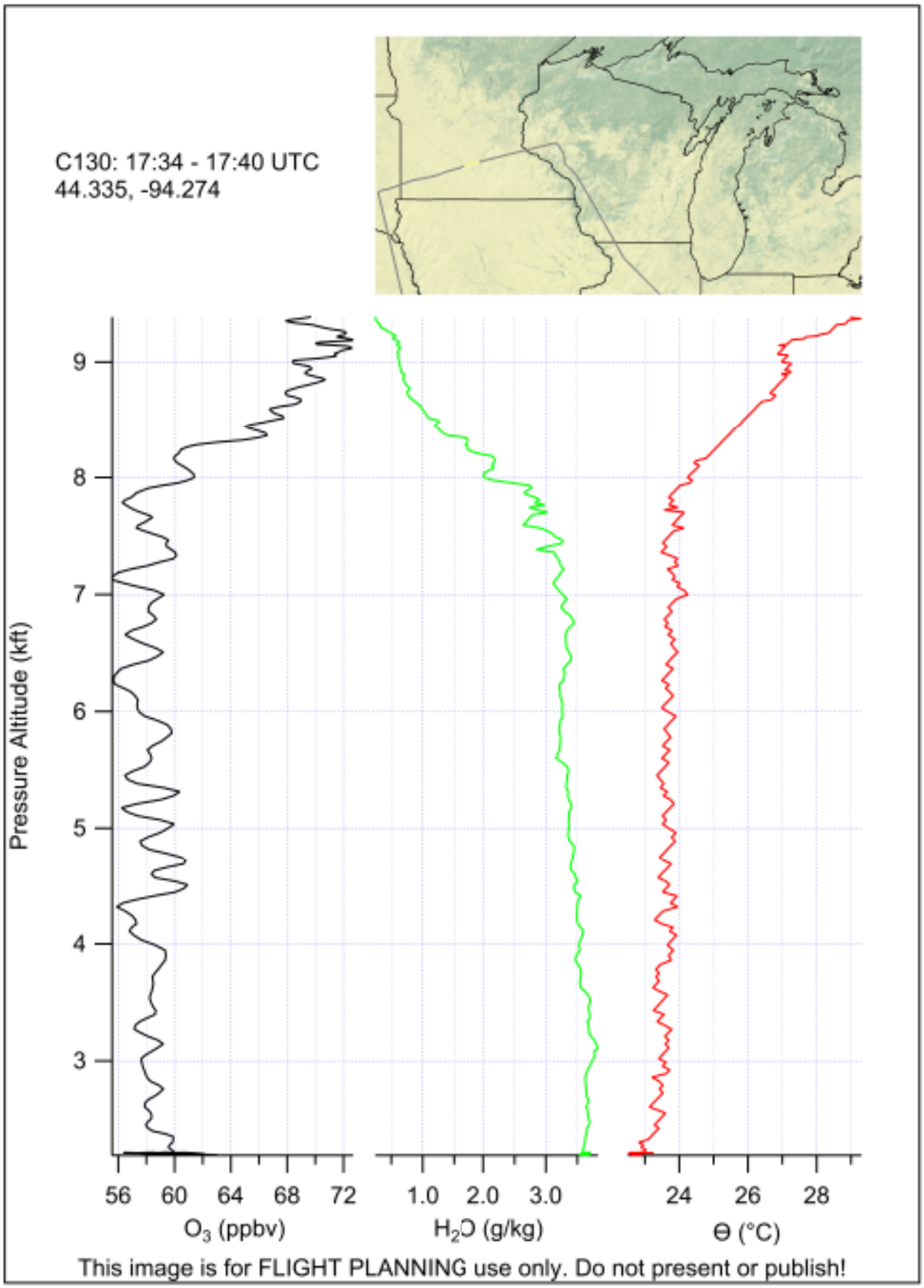
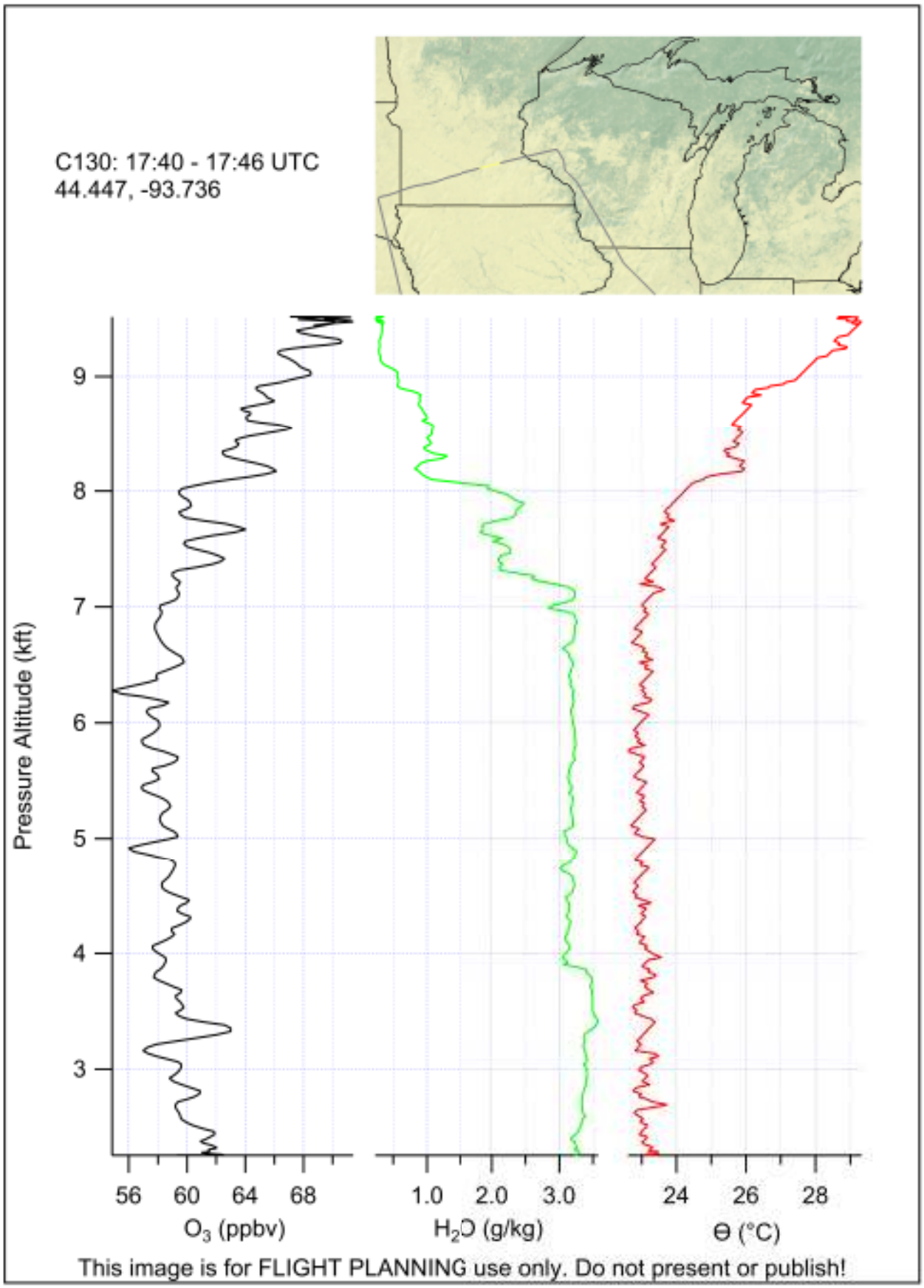

C130: 15:31 - 15:46 UTC
40.702, -96.472
Pressure Altitude (kft)
12
10
8
6
4
2
40
50
60
70
O3 (ppbv)
2
4
6
H2O (g/kg)
24
28
32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

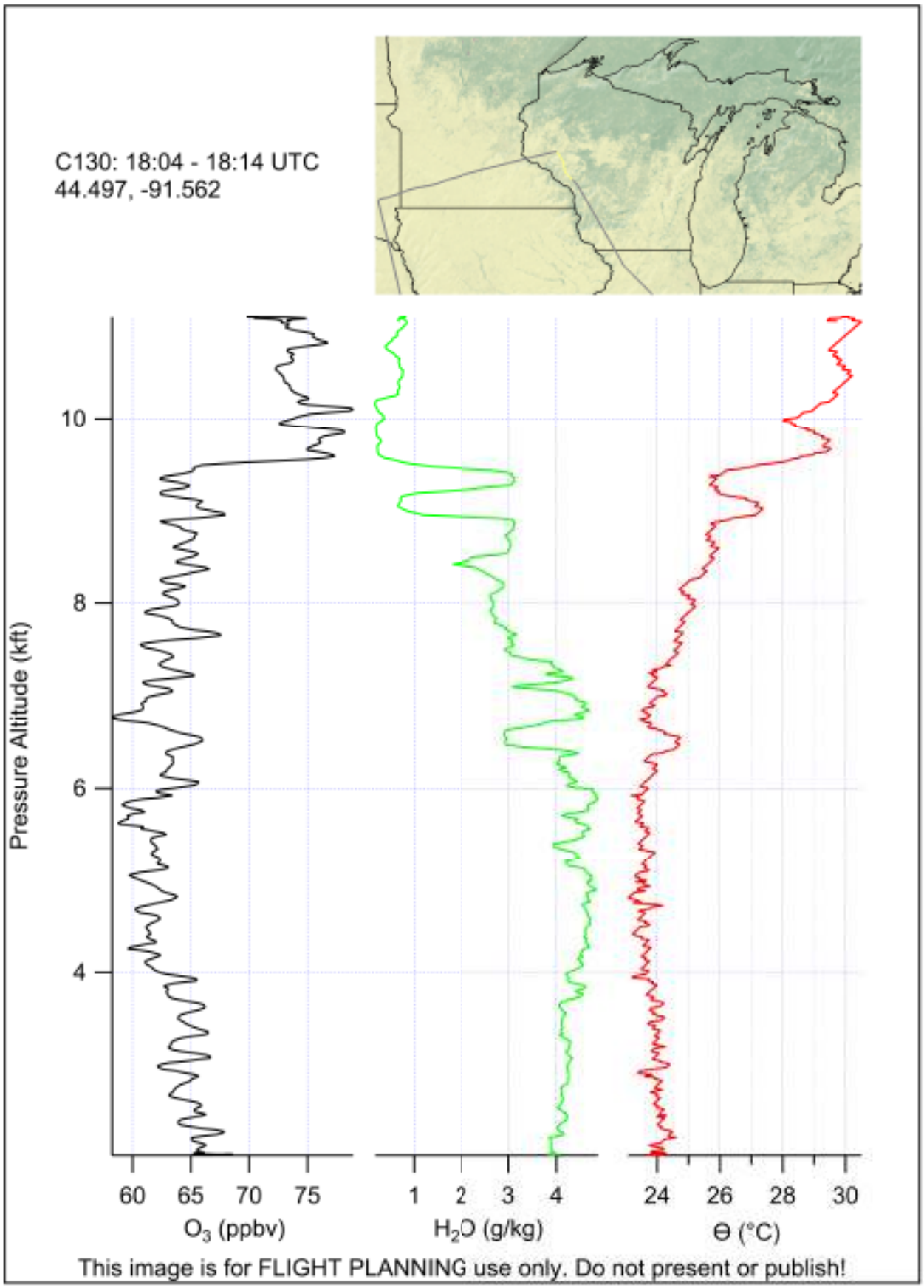

C130: 15:56 - 16:09 UTC
40.334, -95.45
Pressure Altitude (kft)
12
10
8
6
4
2
50
60
70
80
O3 (ppbv)
2
4
6
H2O (g/kg)
24
28
32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

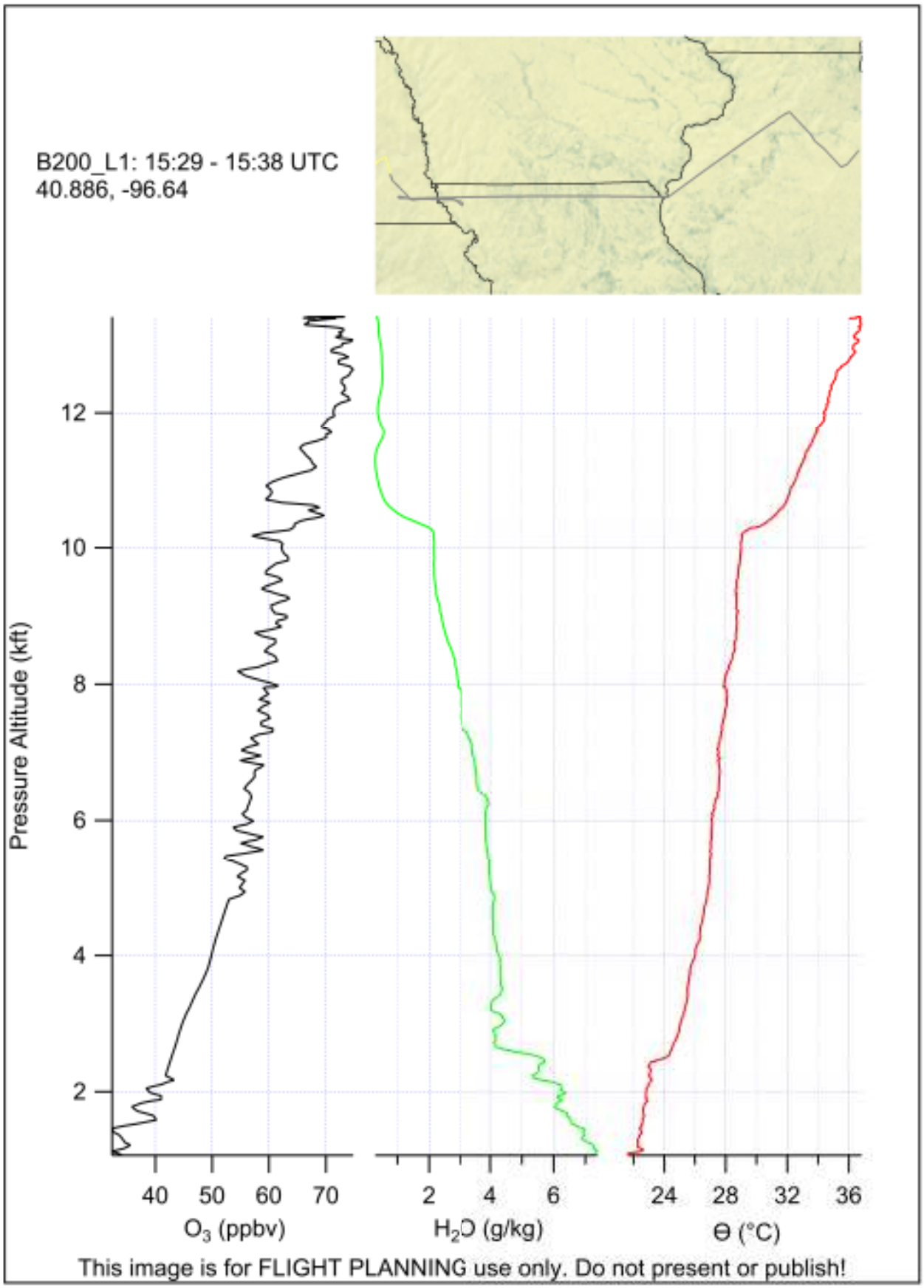

C130: 16:17 - 16:35 UTC
40.795, -96.317
Pressure Altitude (kft)
20
15
10
5
50 60 70 80
O3 (ppbv)
2 4 6
H2O (g/kg)
25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

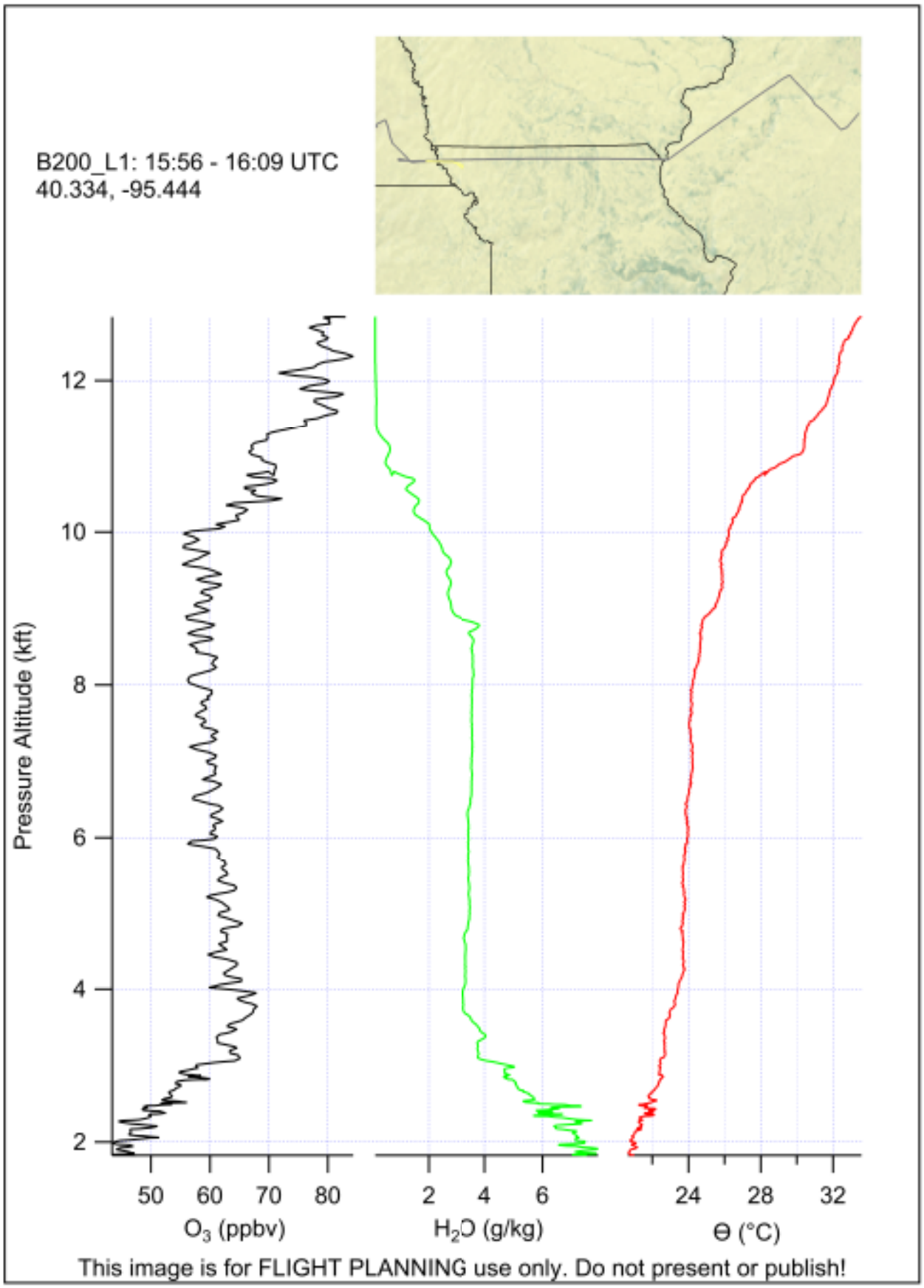

C130: 16:55 - 17:08 UTC
43.396, -96.999
Pressure Altitude (kft)
20
15
10
5
50
60
70
O3 (ppbv)
1.0
2.0
3.0
H2O (g/kg)
25
30
35
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

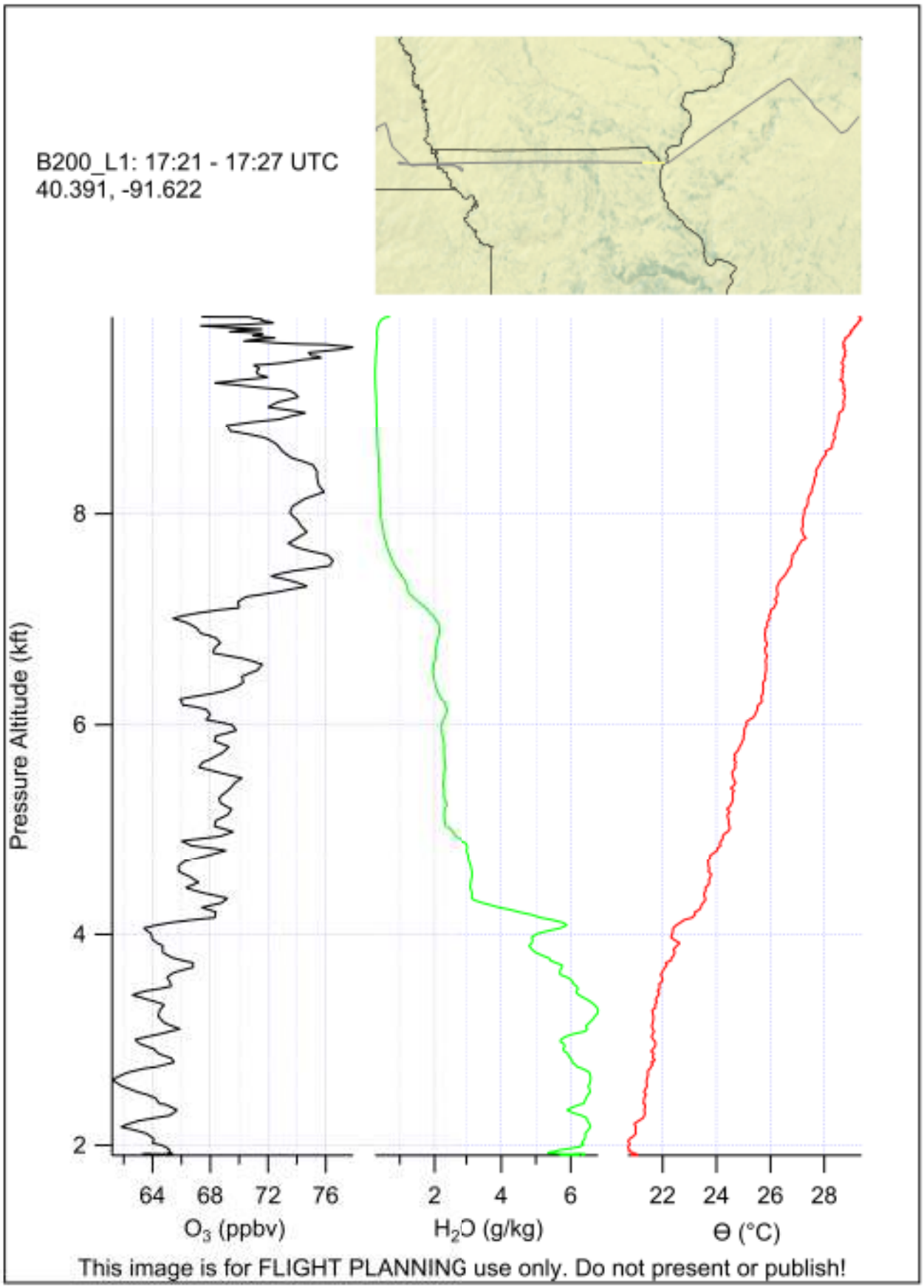

C130: 17:34 - 17:40 UTC
44.335, -94.274
Pressure Altitude (kft)
9
8
7
6
5
4
3
56
60
64
68
72
O3 (ppbv)
1.0
2.0
3.0
H2O (g/kg)
24
26
28
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

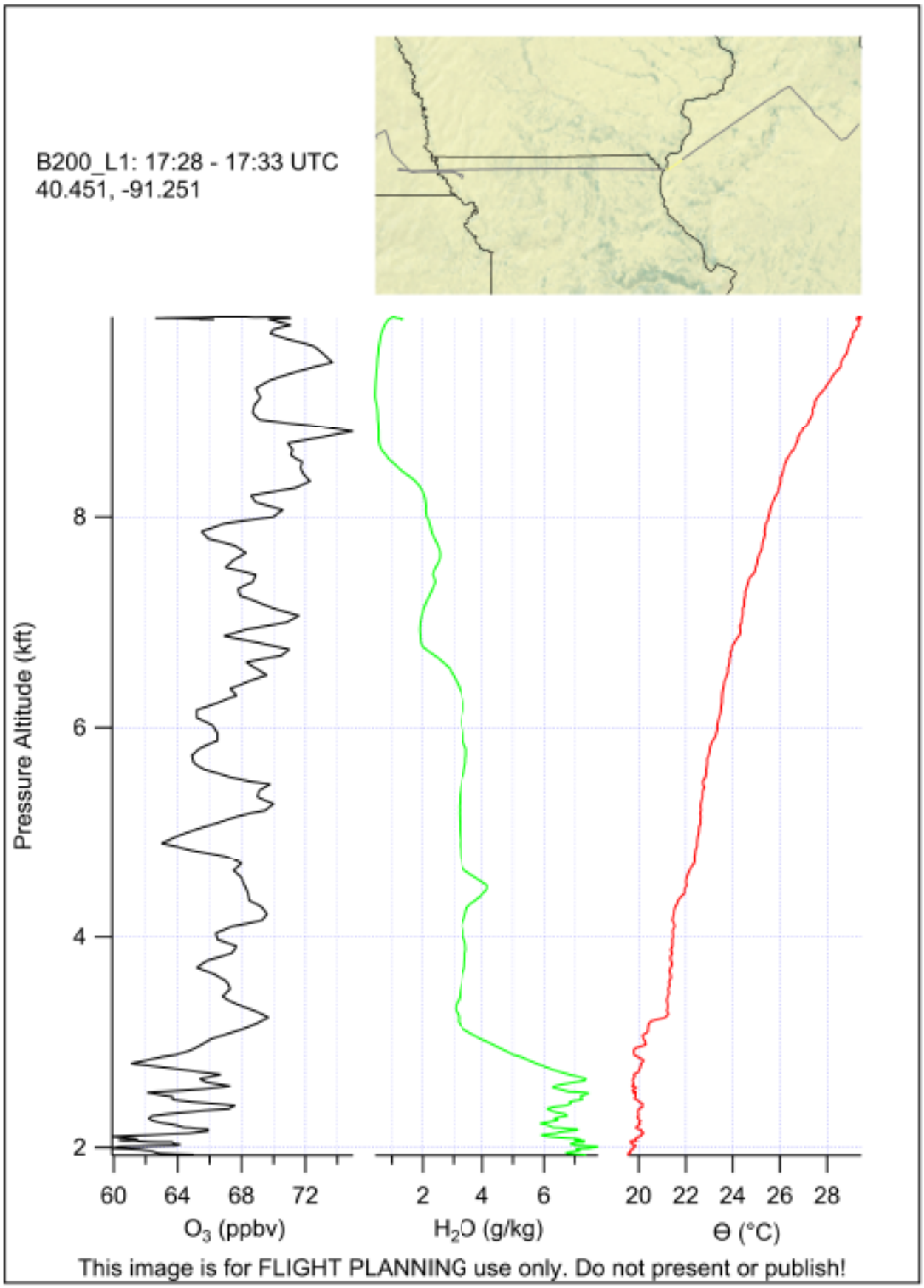

C130: 17:40 - 17:46 UTC
44.447, -93.736
Pressure Altitude (kft)
9
8
7
6
5
4
3
56
60
64
68
O3 (ppbv)
1.0
2.0
3.0
H2O (g/kg)
24
26
28
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

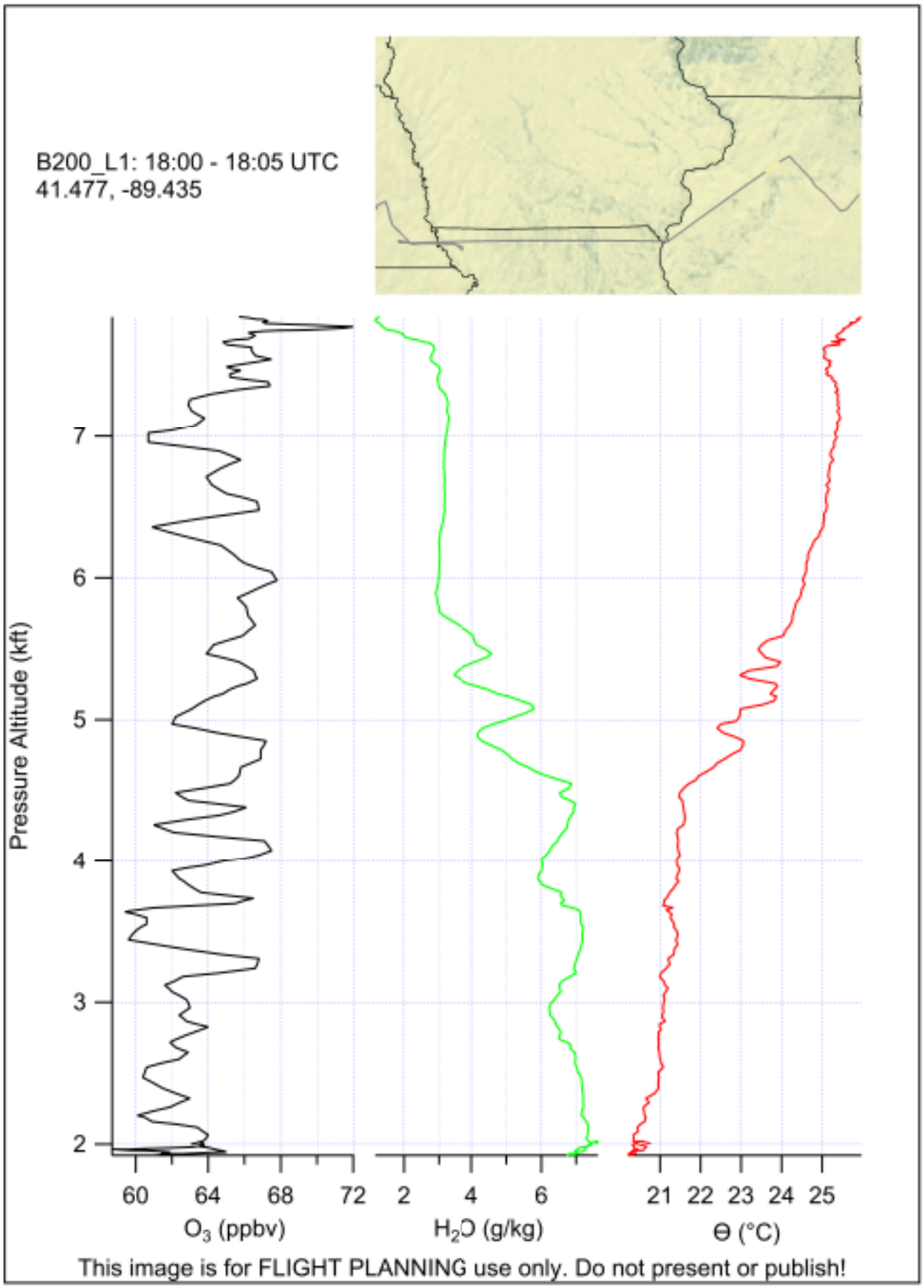

C130: 18:04 - 18:14 UTC
44.497, -91.562
Pressure Altitude (kft)
10
8
6
4
60
65
70
75
O3 (ppbv)
1
2
3
4
H2O (g/kg)
24
26
28
30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

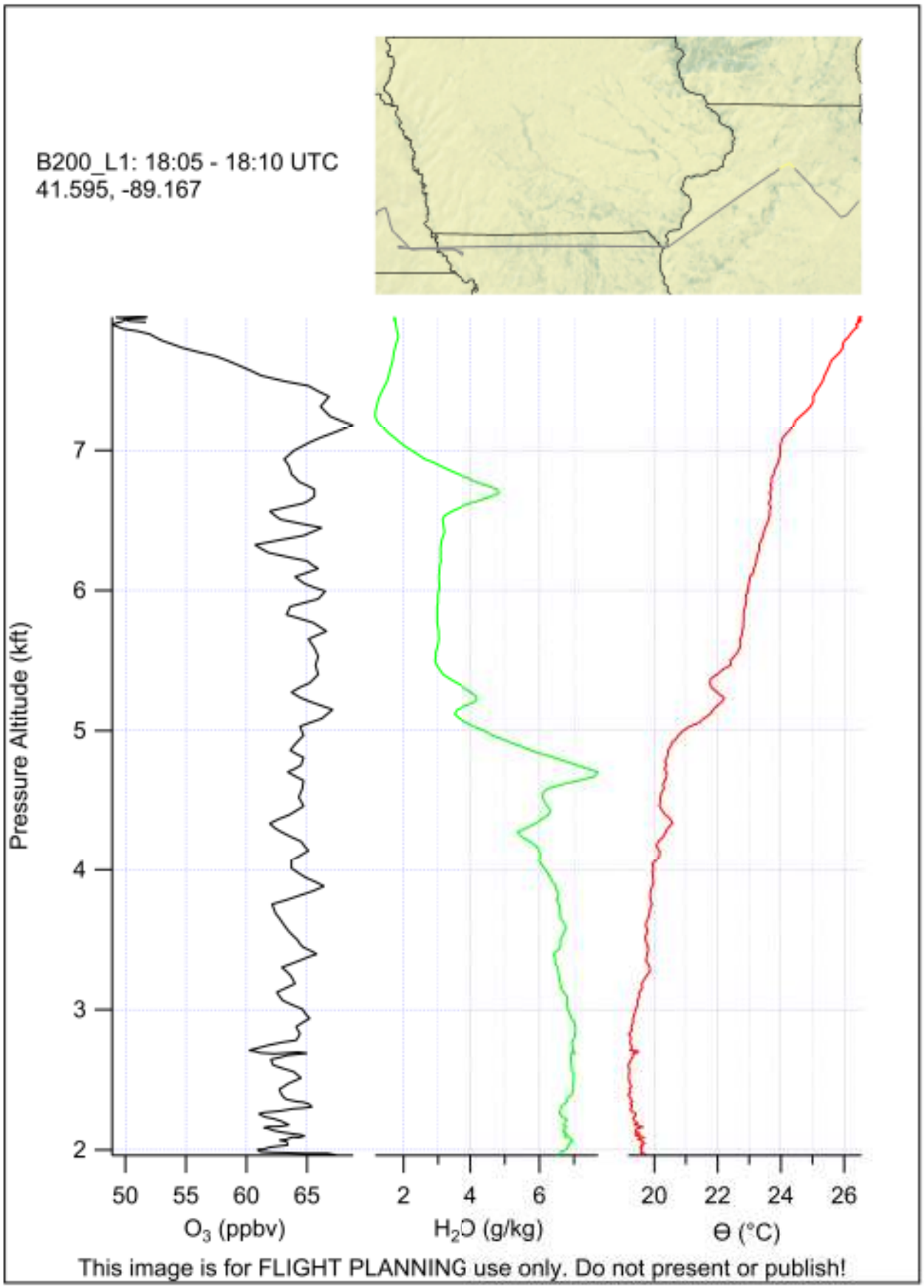

B200_L1: 15:29 - 15:38 UTC
40.886, -96.64
Pressure Altitude (kft)
12
10
8
6
4
2
40
50
60
70
O3 (ppbv)
2
4
6
H2O (g/kg)
24
28
32
36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

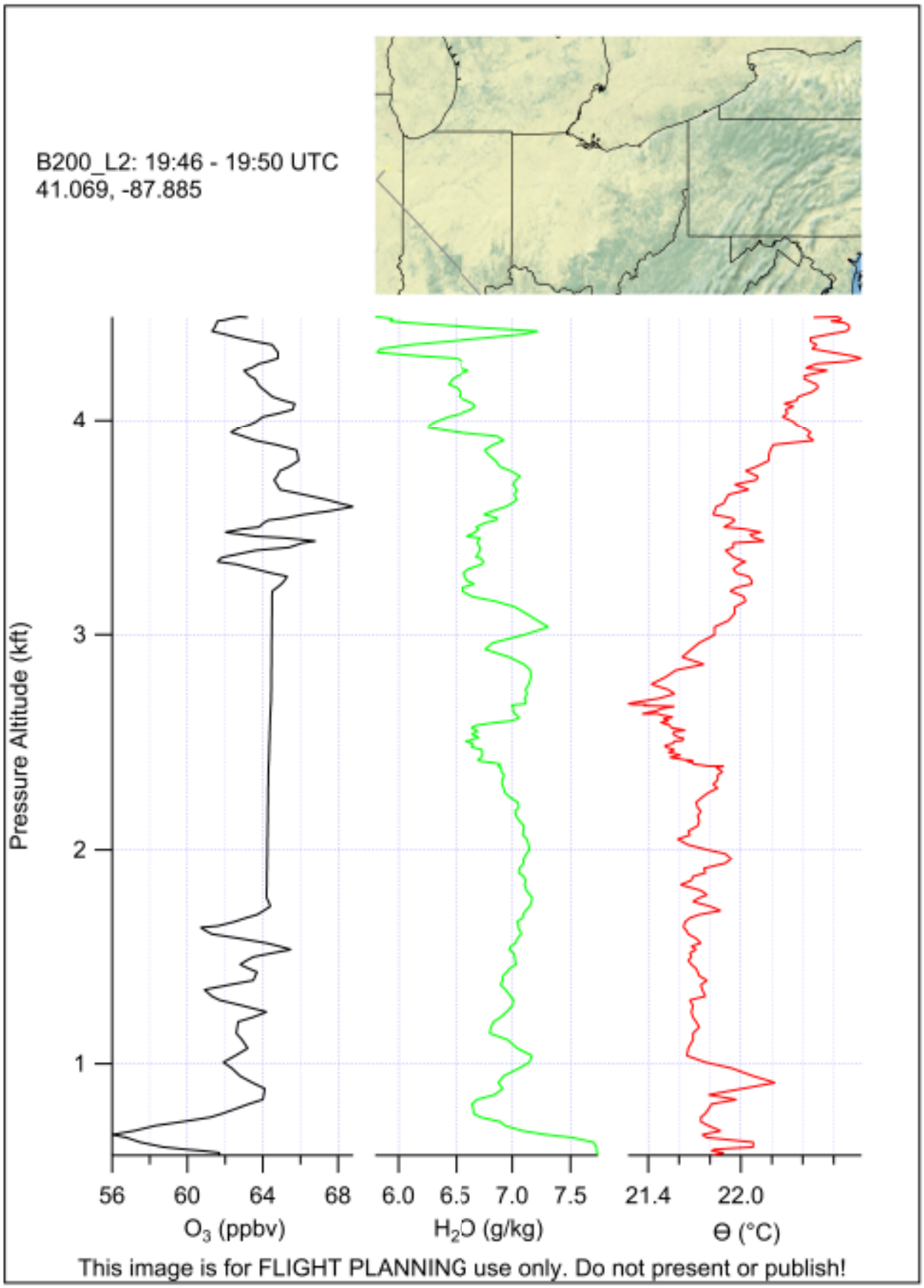

B200_L1: 15:56 - 16:09 UTC
40.334, -95.444
Pressure Altitude (kft)
12
10
8
6
4
2
50
60
70
80
O3 (ppbv)
2
4
6
H2O (g/kg)
24
28
32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

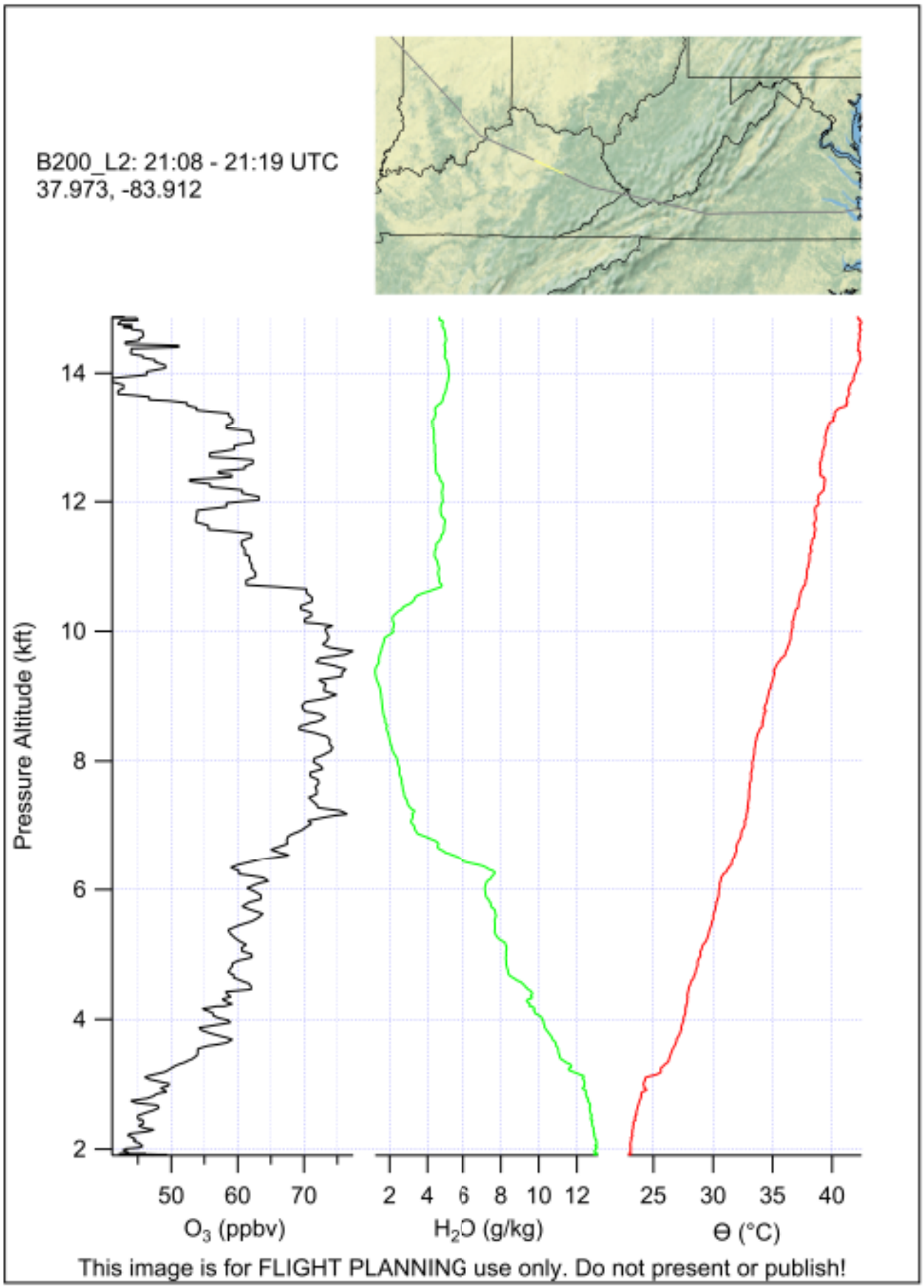

B200_L1: 17:21 - 17:27 UTC
40.391, -91.622
Pressure Altitude (kft)
8
6
4
2
64
68
72
76
O3 (ppbv)
2
4
6
H2O (g/kg)
22
24
26
28
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

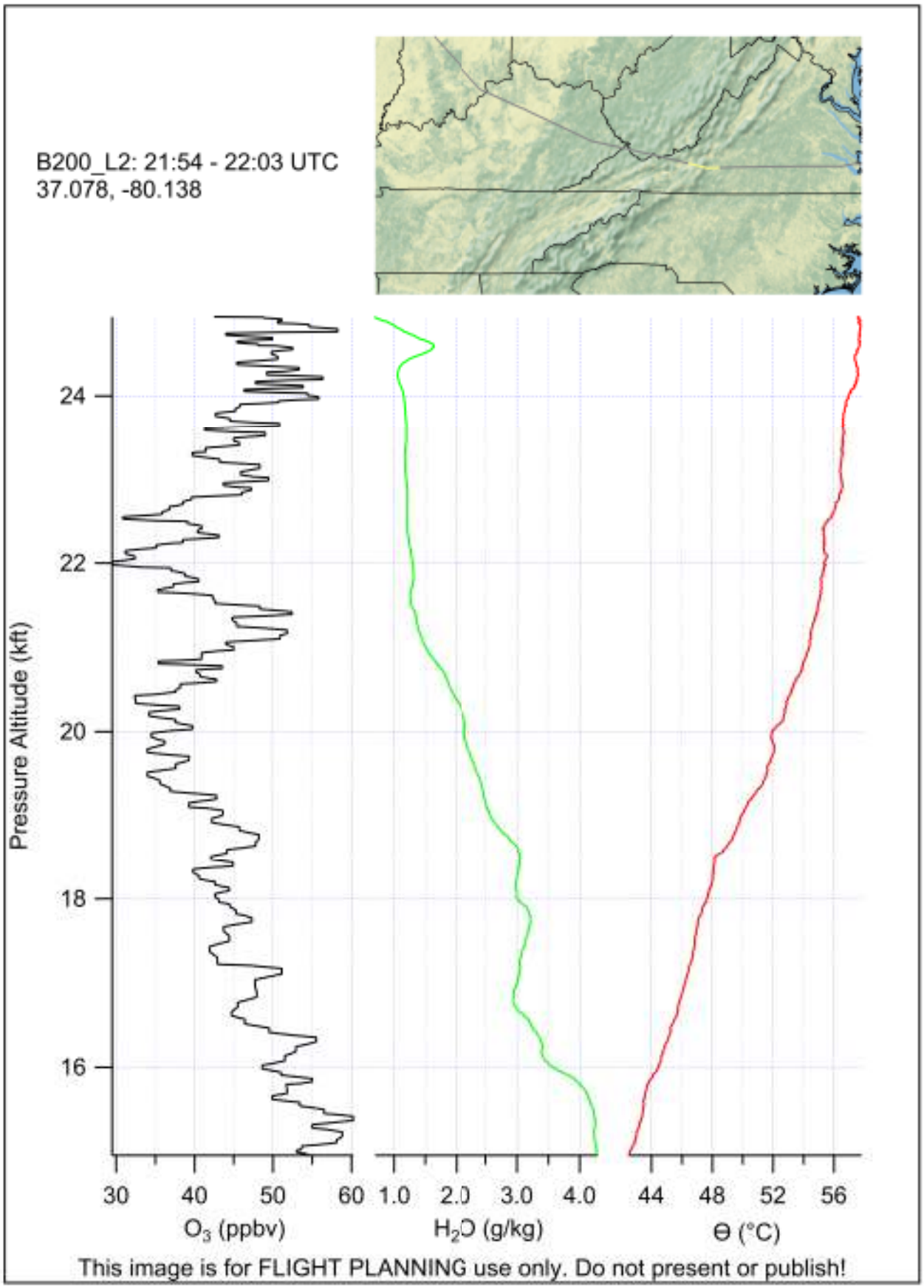

B200_L1: 17:28 - 17:33 UTC
40.451, -91.251
Pressure Altitude (kft)
8
6
4
2
60
64
68
72
O3 (ppbv)
2
4
6
H2O (g/kg)
20
22
24
26
28
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

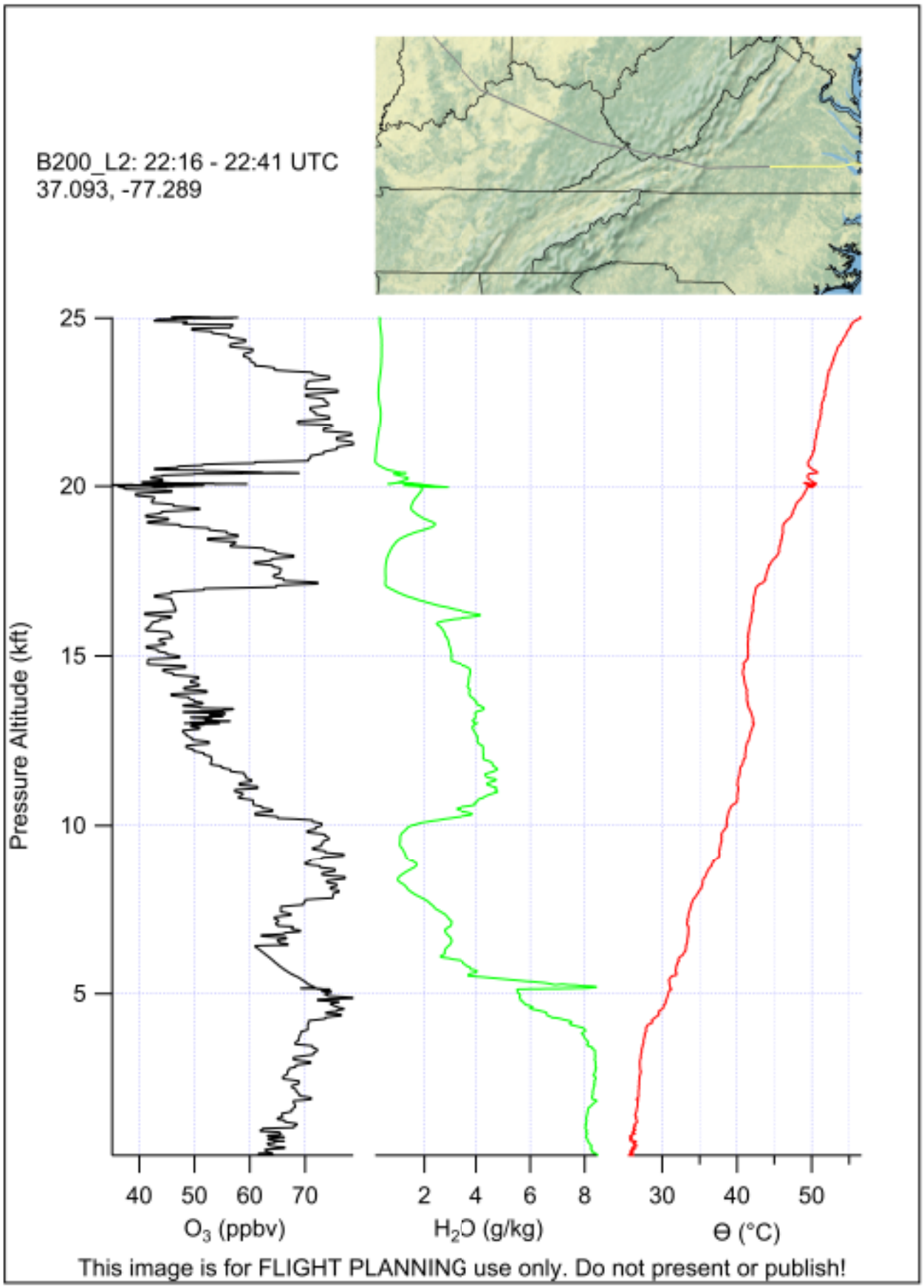

B200_L1: 18:00 - 18:05 UTC
41.477, -89.435
Pressure Altitude (kft)
7
6
5
4
3
2
60
64
68
72
O3 (ppbv)
2
4
6
H2O (g/kg)
21
22
23
24
25
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 18:05 - 18:10 UTC
41.595, -89.167
Pressure Altitude (kft)
7
6
5
4
3
2
50
55
60
65
O3 (ppbv)
2
4
6
H2O (g/kg)
20
22
24
26
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 19:46 - 19:50 UTC
41.069, -87.885
Pressure Altitude (kft)
4
3
2
1
56
60
64
68
O3 (ppbv)
6.0
6.5
7.0
7.5
H2O (g/kg)
21.4
22.0
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 21:08 - 21:19 UTC
37.973, -83.912
Pressure Altitude (kft)
14
12
10
8
6
4
2
50
60
70
O3 (ppbv)
2
4
6
8
10
12
H2O (g/kg)
25
30
35
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 21:54 - 22:03 UTC
37.078, -80.138
Pressure Altitude (kft)
24
22
20
18
16
30
40
50
60
O_3 (ppbv)
1.0
2.0
3.0
4.0
H_2O (g/kg)
44
48
52
56
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 22:16 - 22:41 UTC
37.093, -77.289
Pressure Altitude (kft)
25
20
15
10
5
40 50 60 70
O3 (ppbv)
2 4 6 8
H2O (g/kg)
30 40 50
Θ (°C)
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