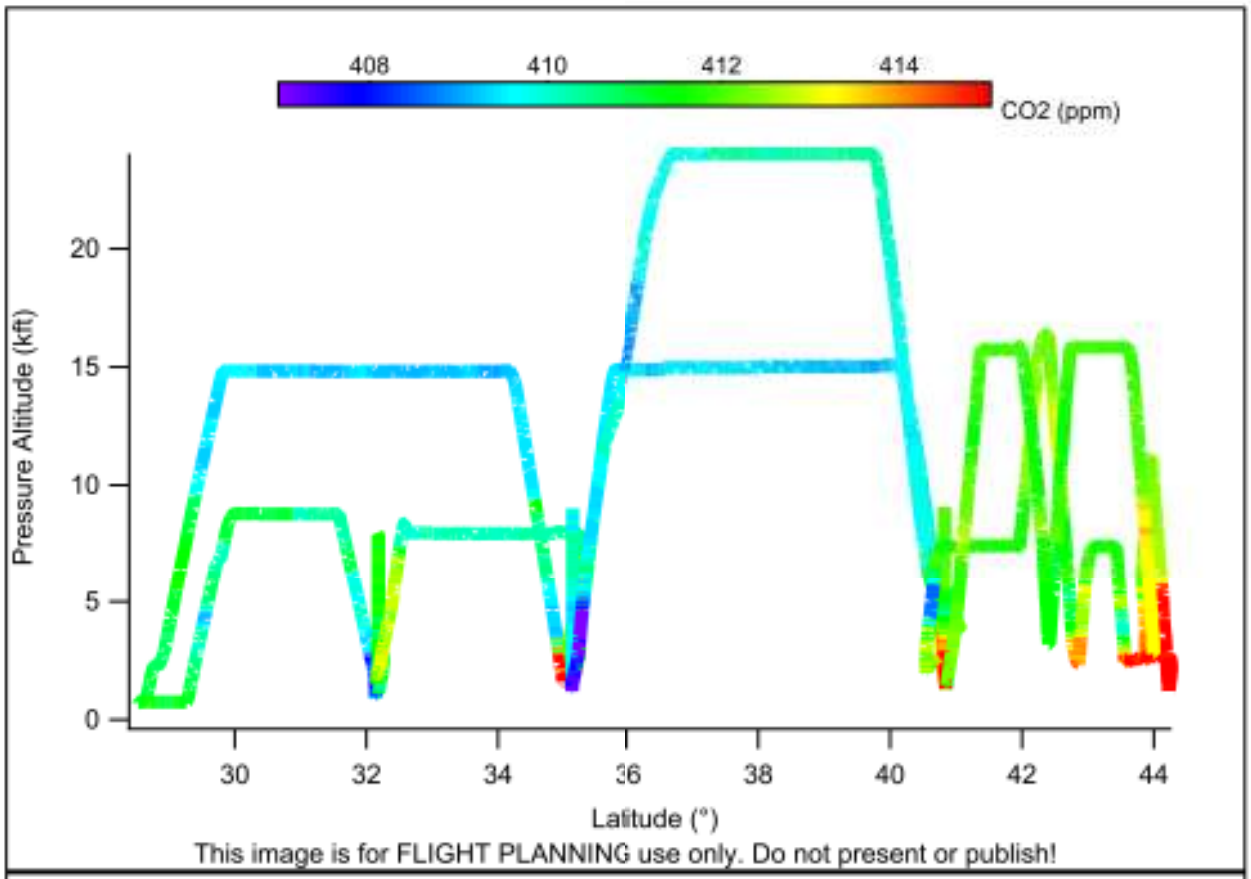
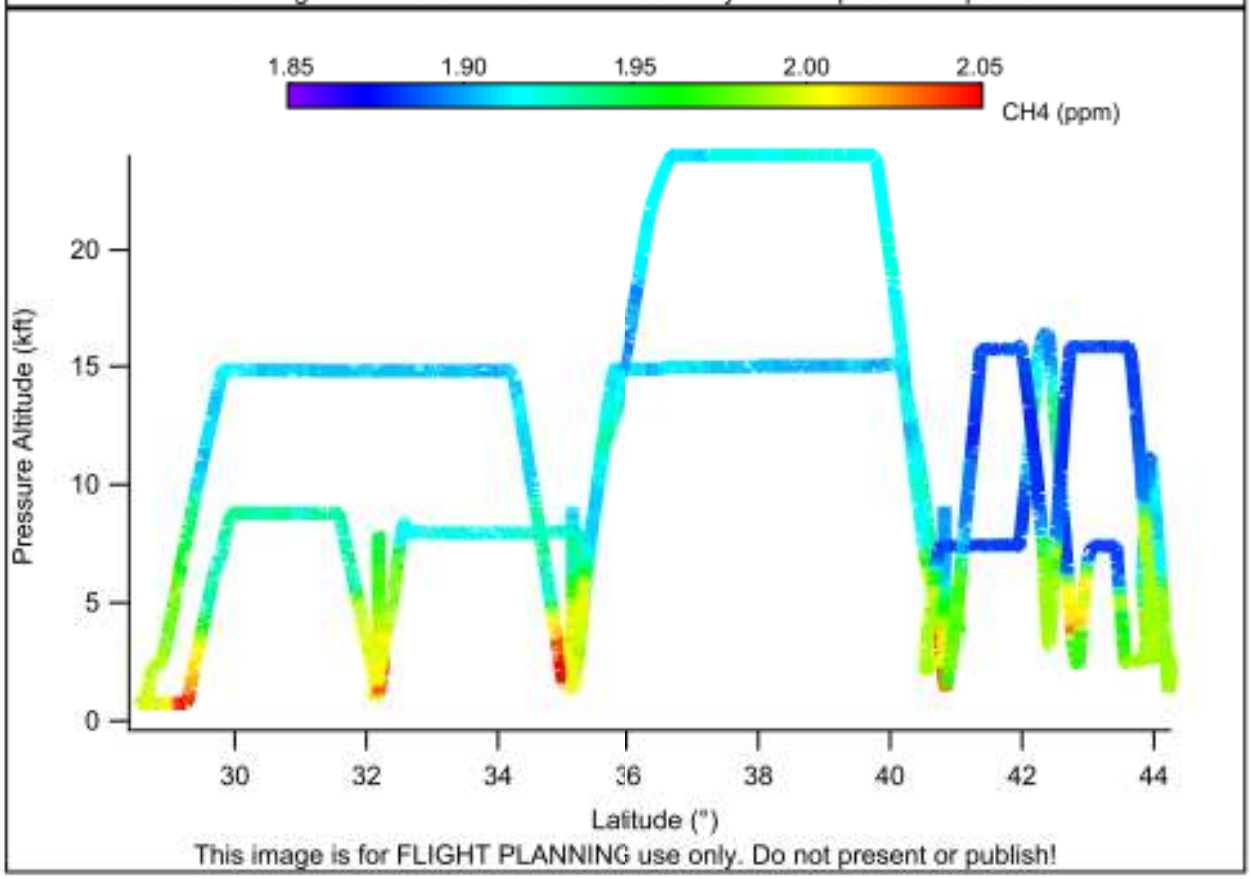
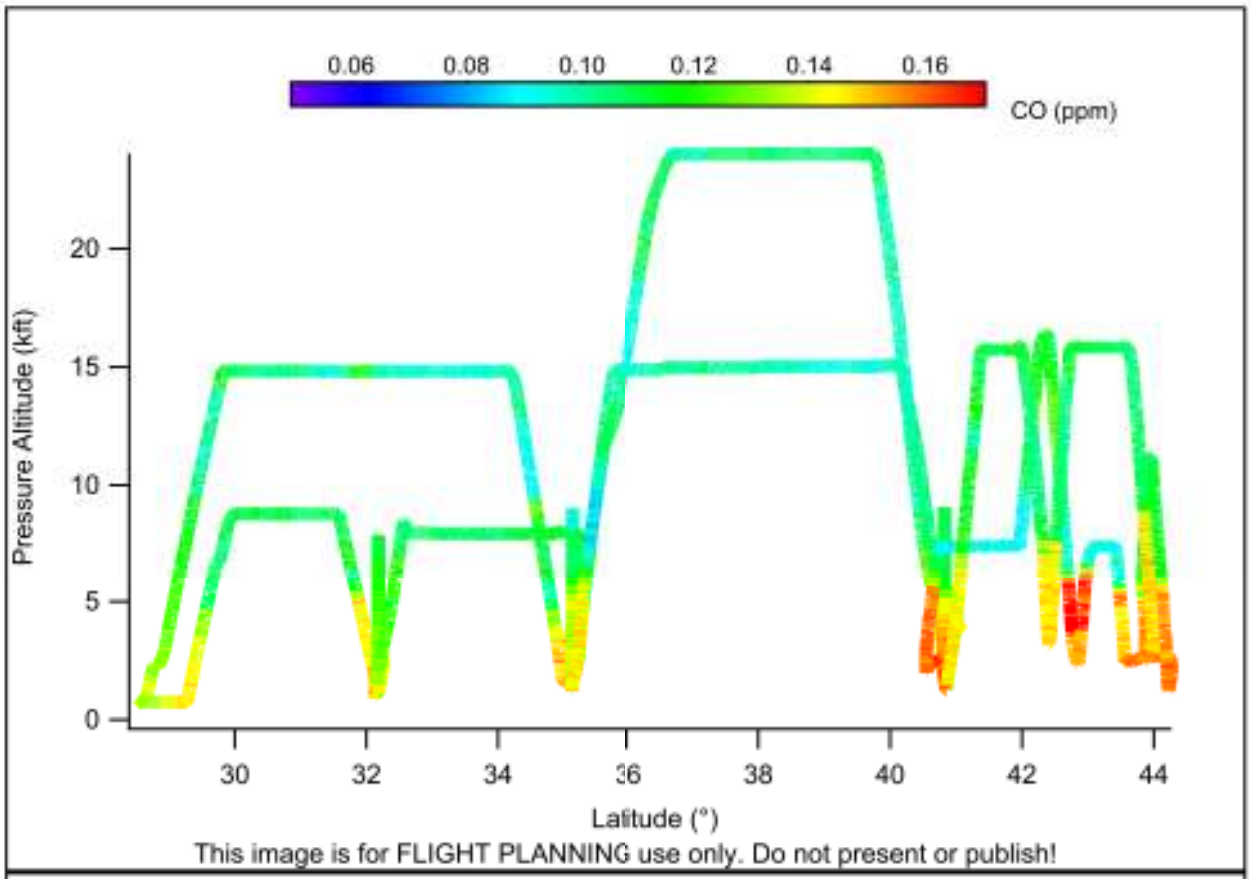
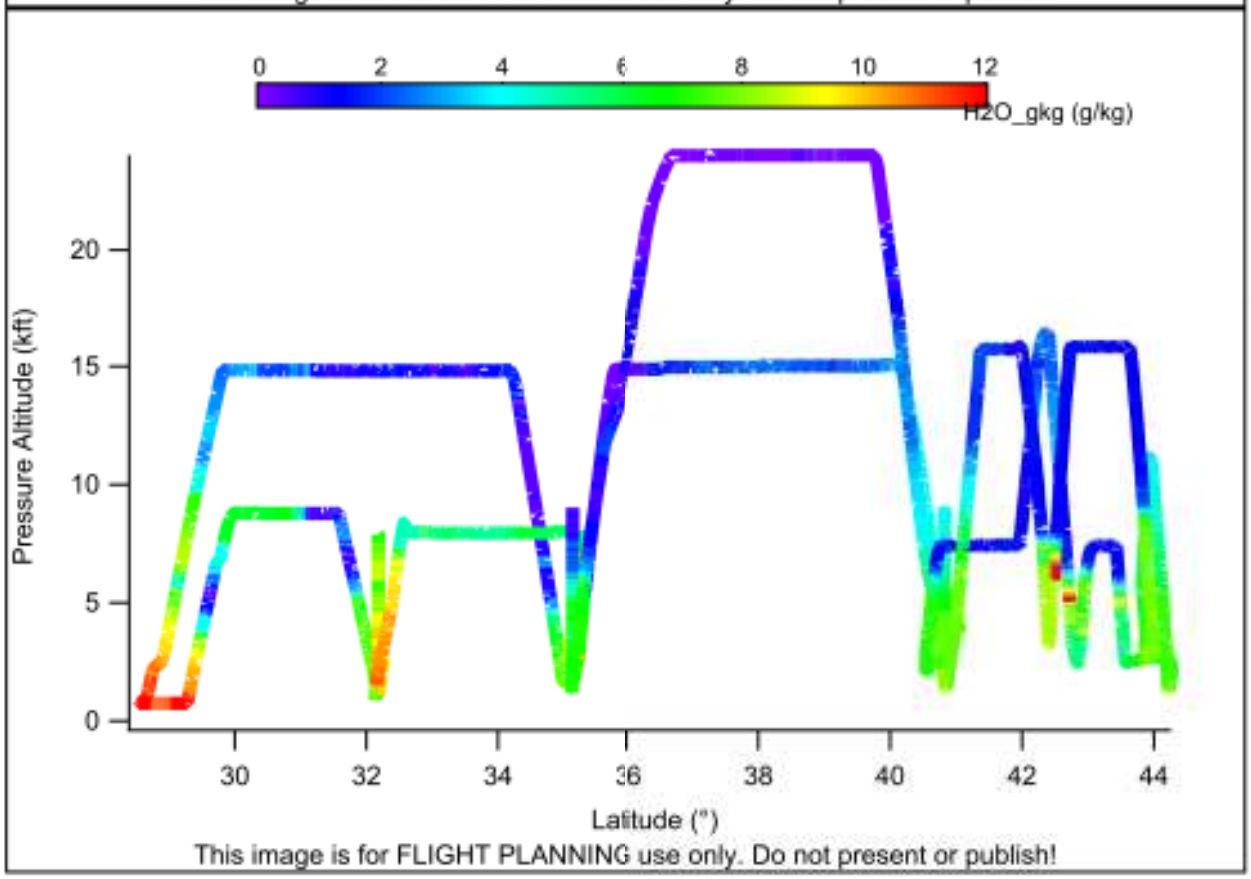
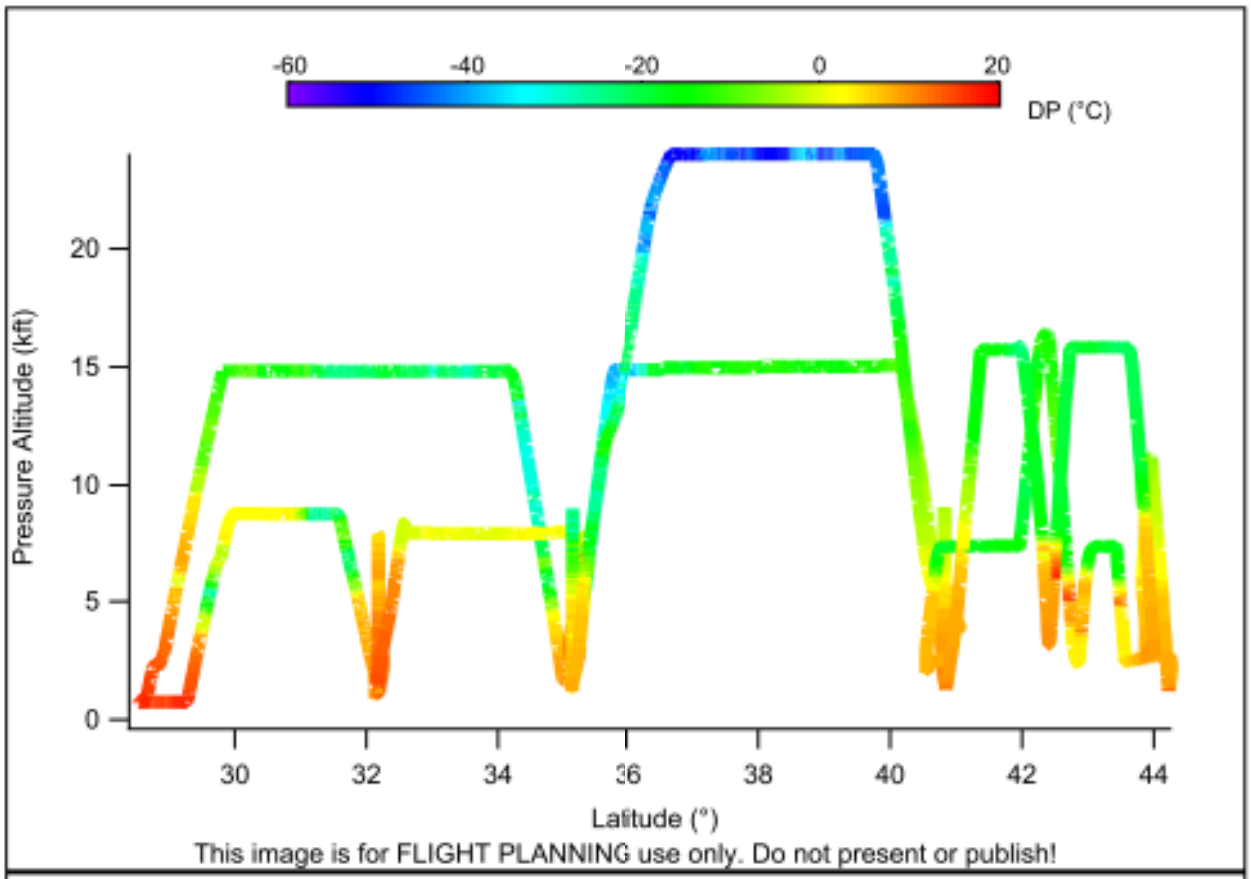
ACT-America 20180430

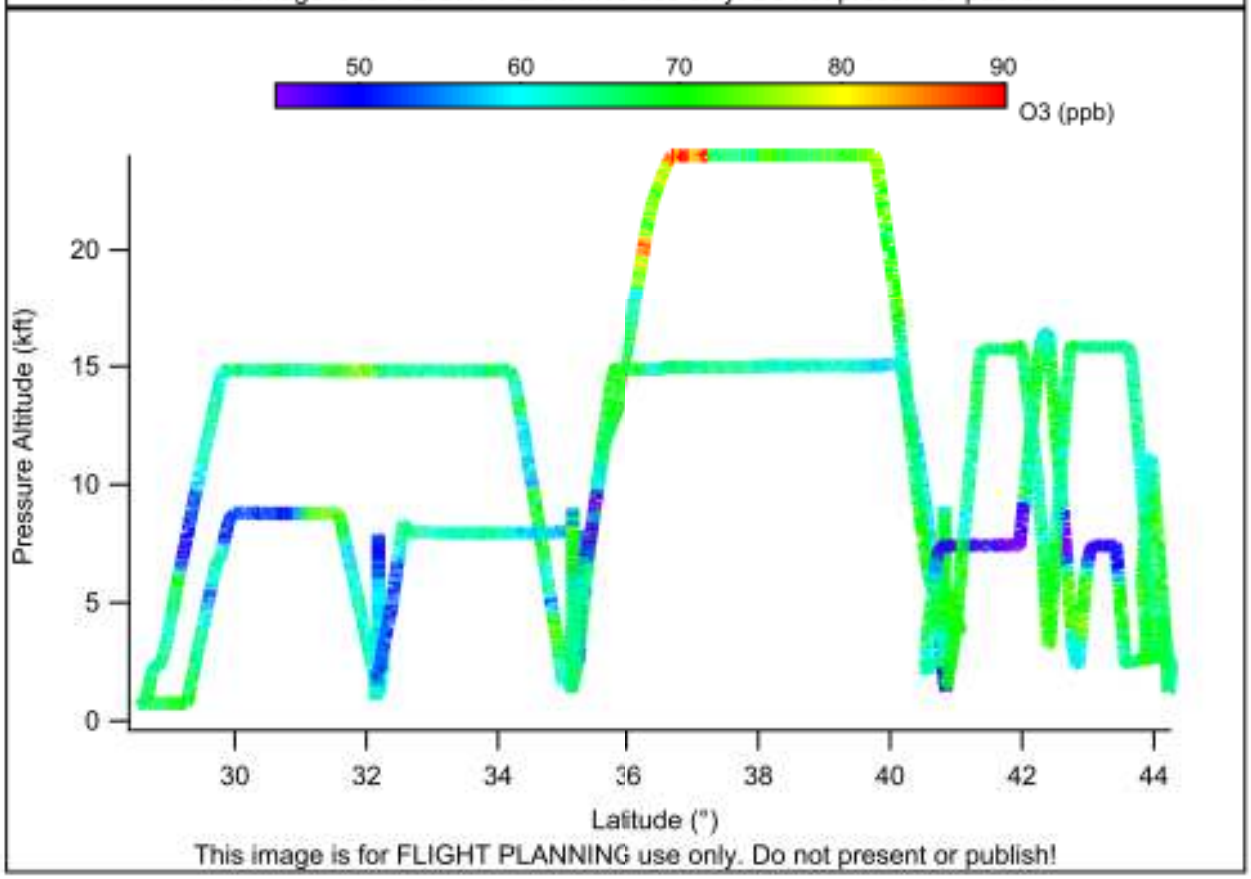

408
410
412
414
CO2 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
30
32
34
36
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

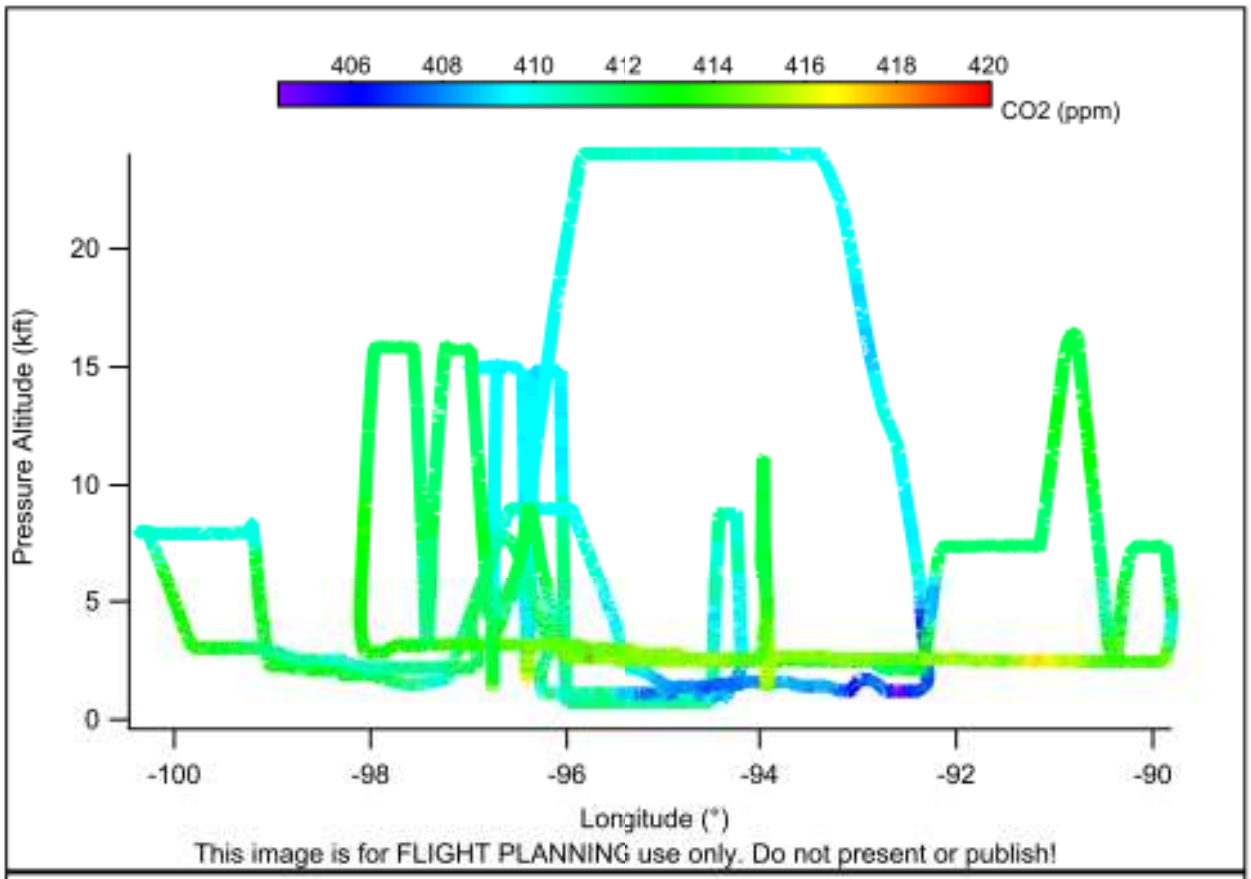

1.85
1.90
1.95
2.00
2.05
CH4 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
30
32
34
36
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

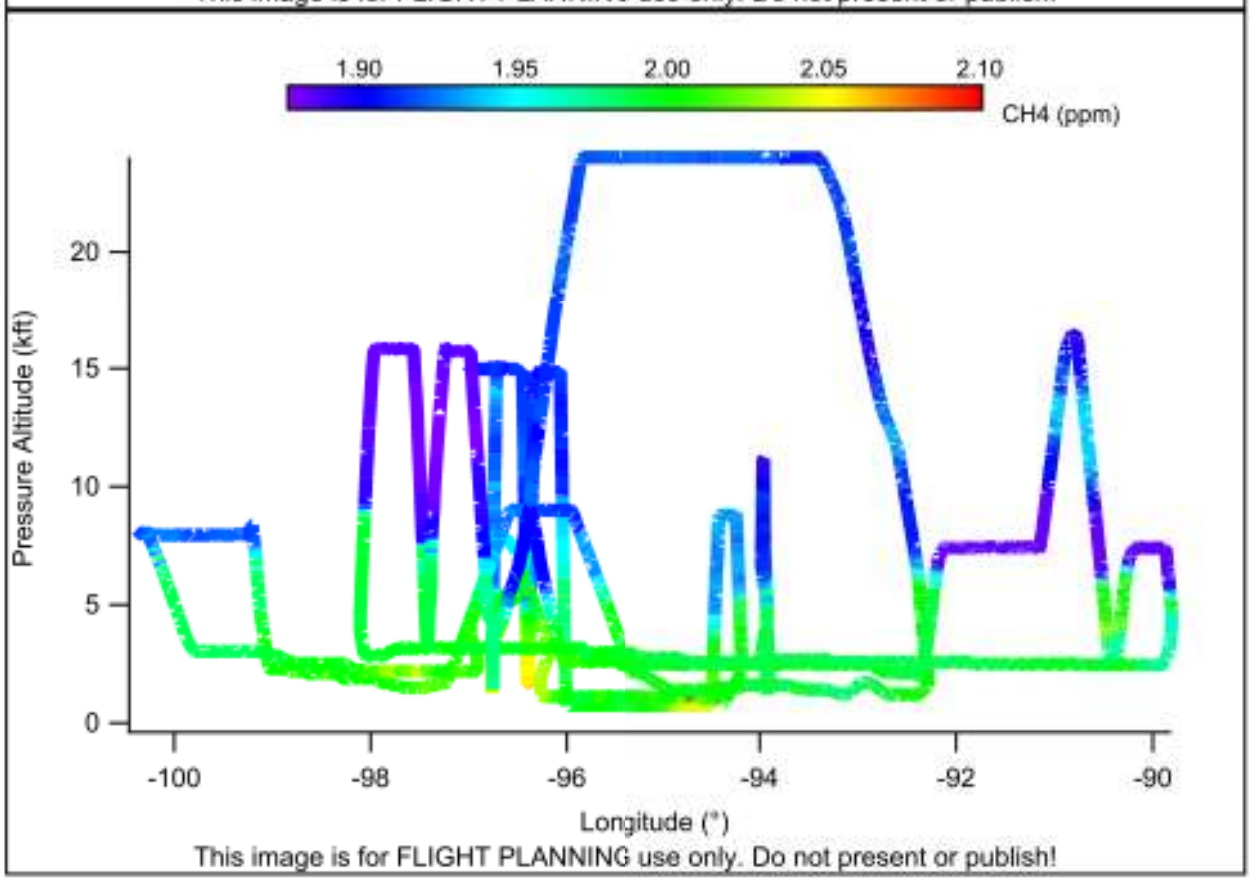

0.06
0.08
0.10
0.12
0.14
0.16
CO (ppm)
Pressure Altitude (kft)
0
5
10
15
20
30
32
34
36
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

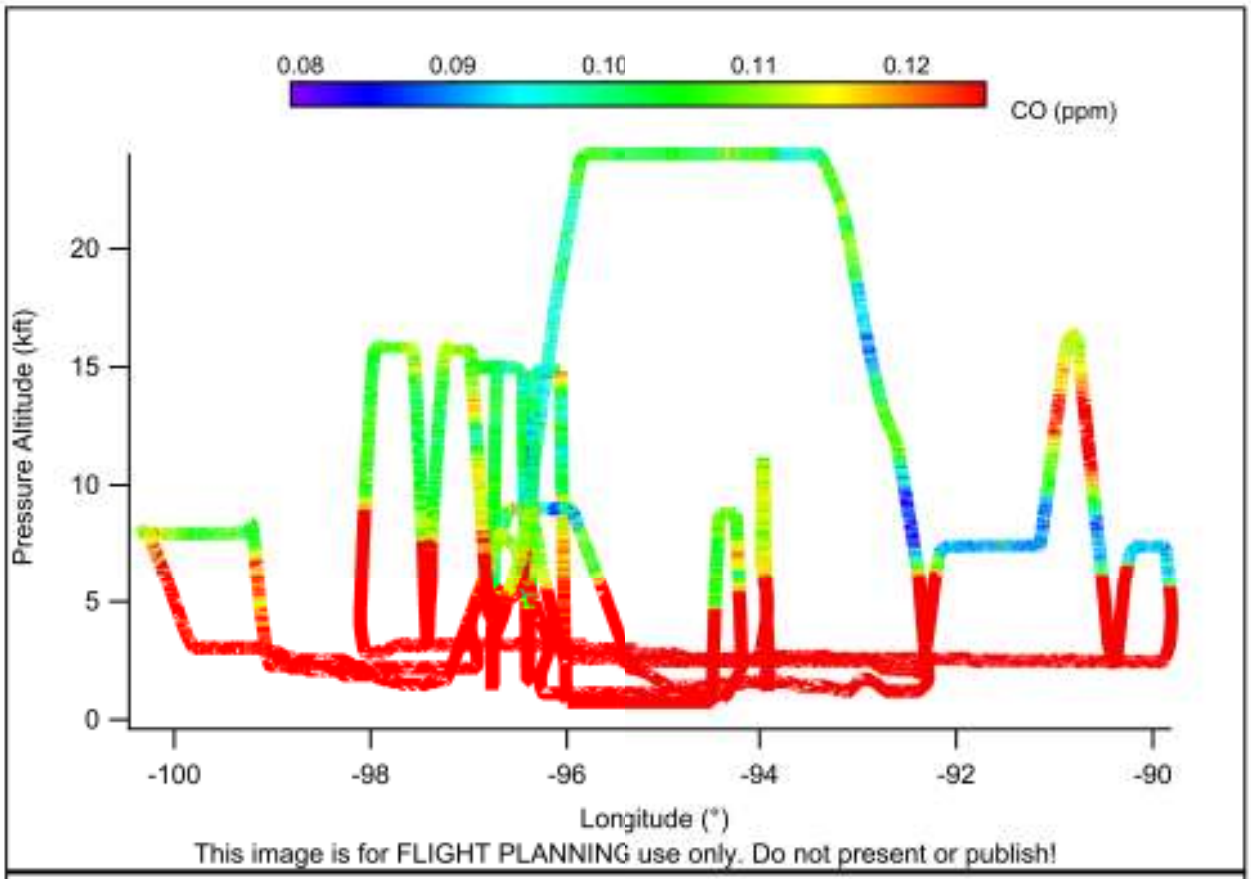

0
2
4
6
8
10
12
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
5
10
15
20
30
32
34
36
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

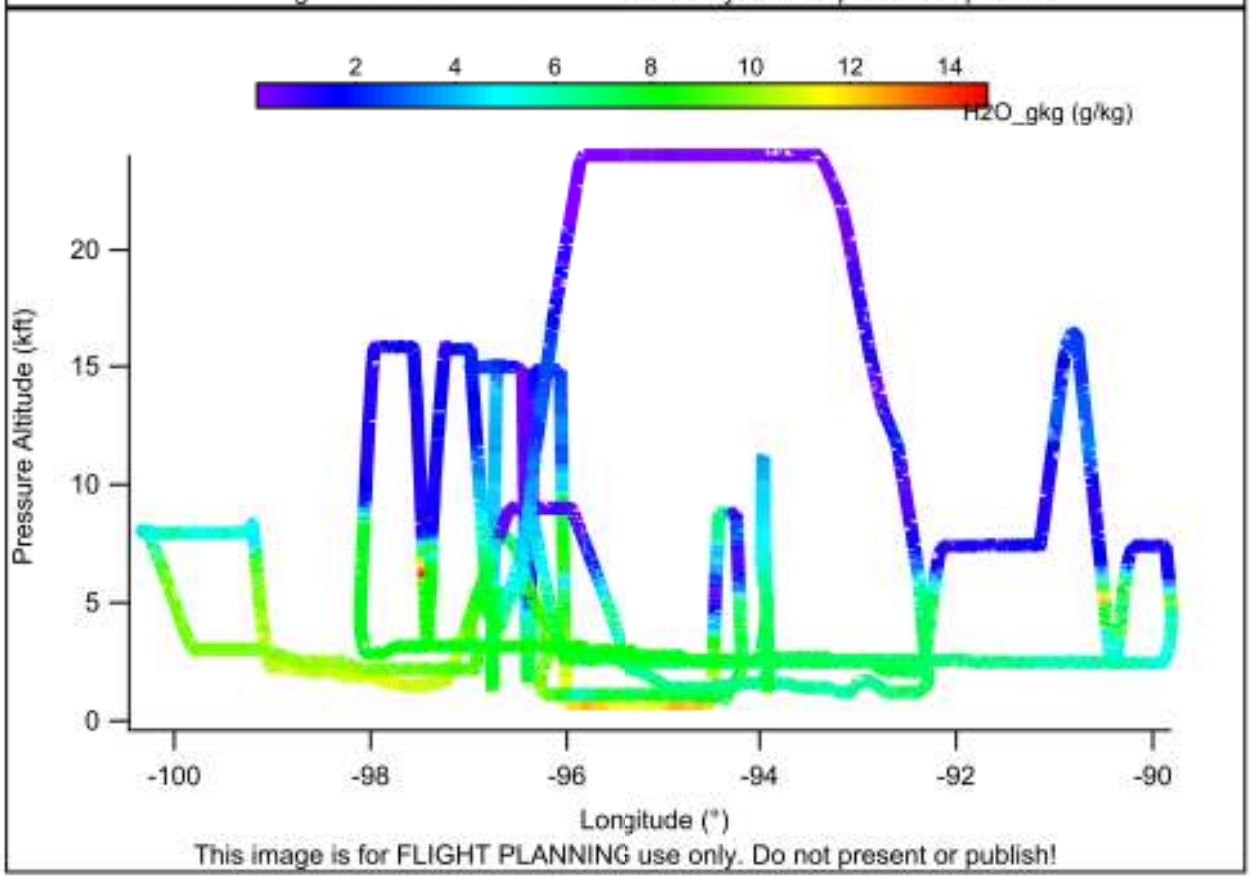

-60
-40
-20
0
20
DP (°C)
Pressure Altitude (kft)
0
5
10
15
20
30
32
34
36
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

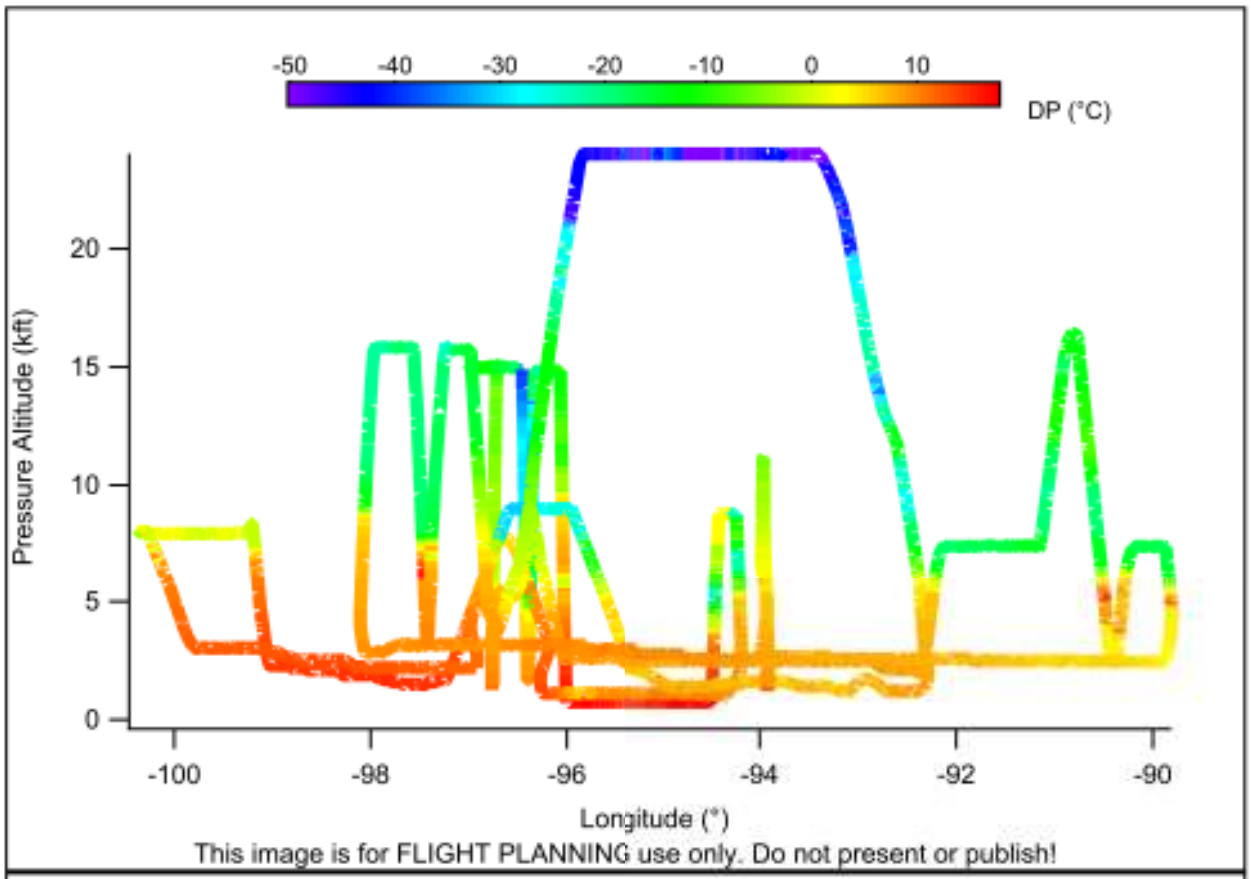

50
60
70
80
90
O3 (ppb)
Pressure Altitude (kft)
0
5
10
15
20
30
32
34
36
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

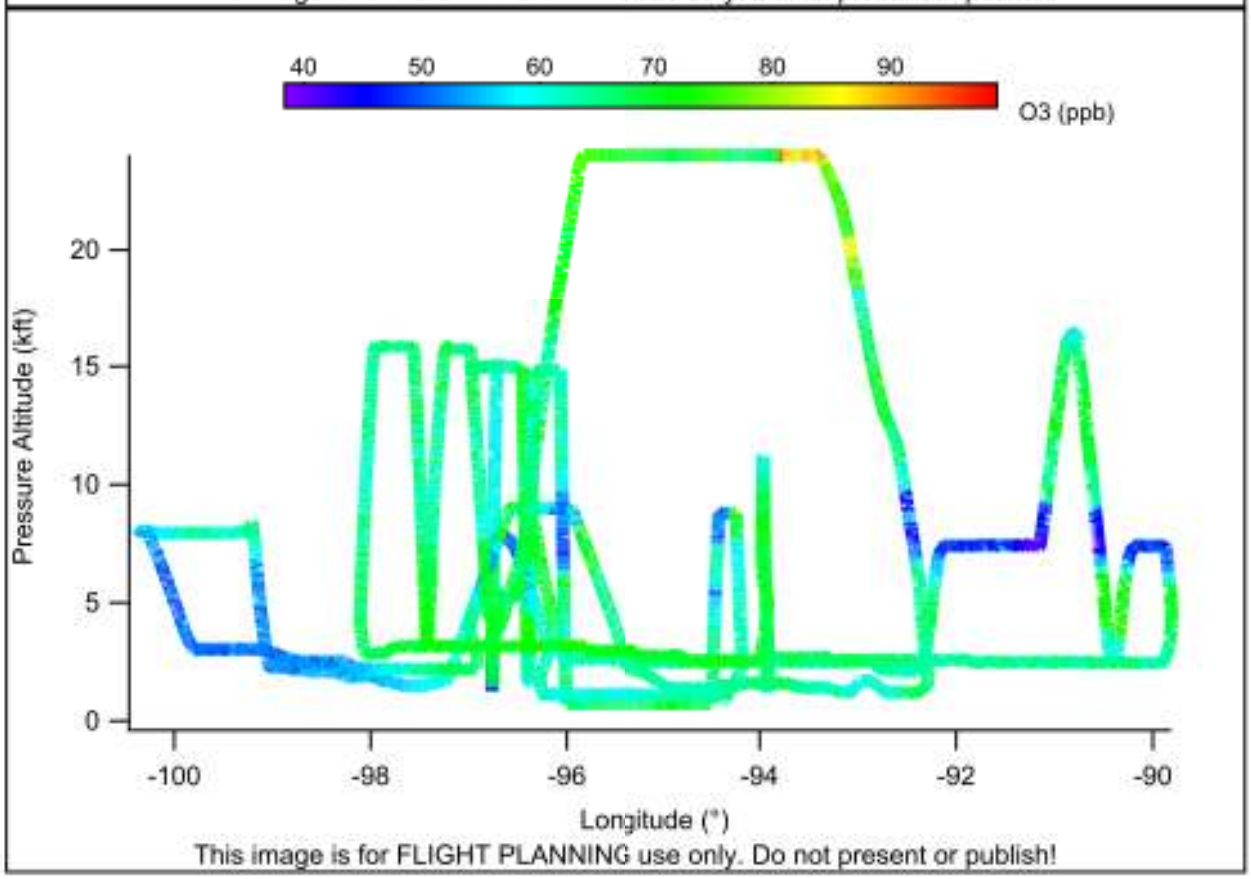

406
408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-100
-98
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

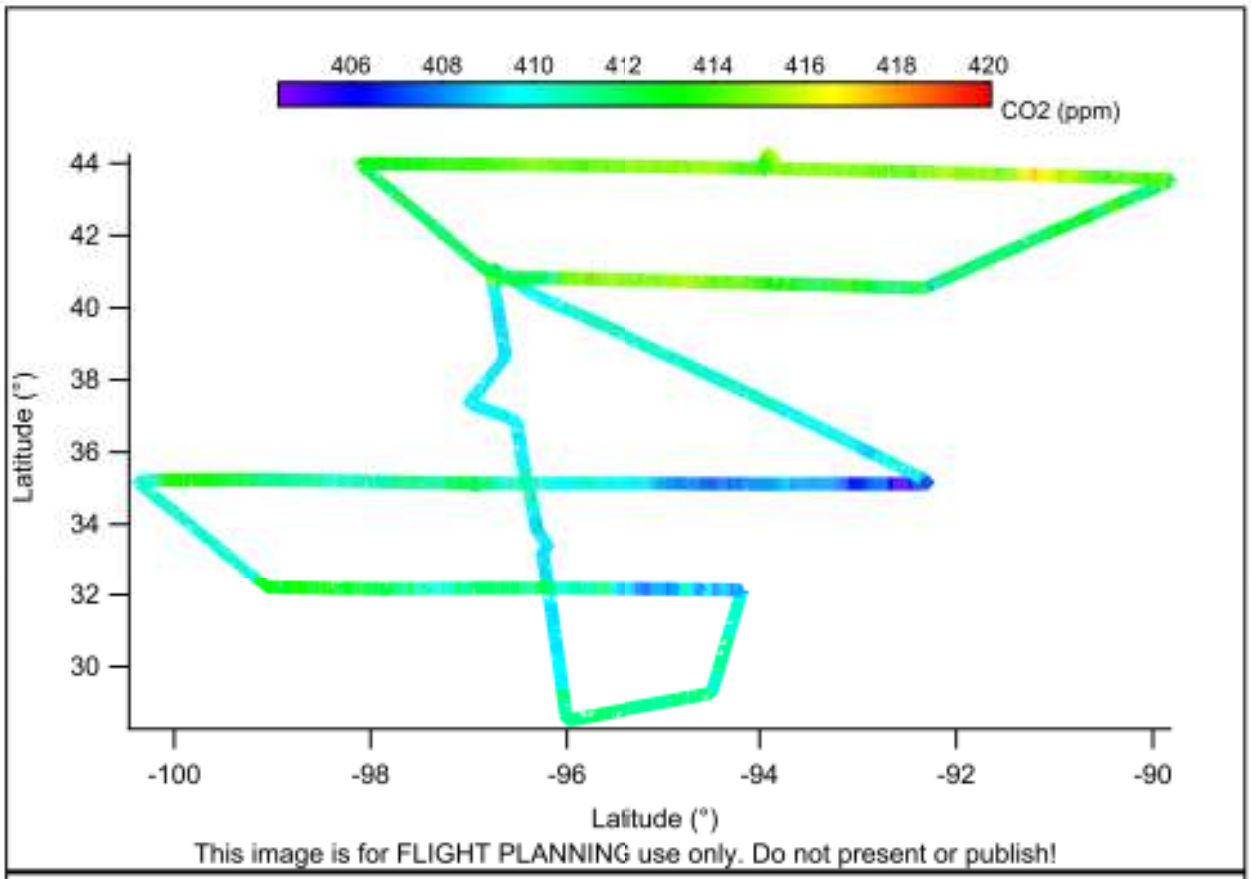

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-100
-98
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

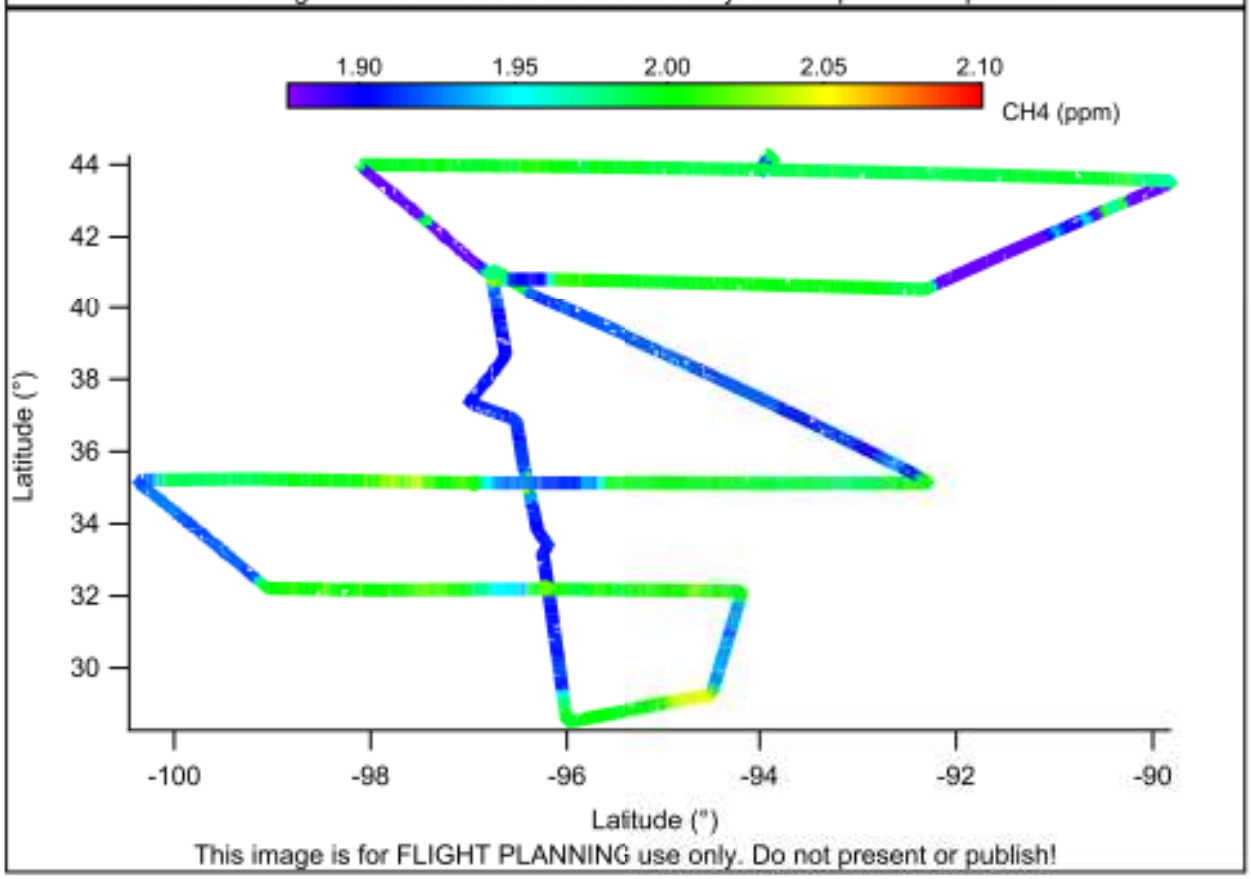

0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-100
-98
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

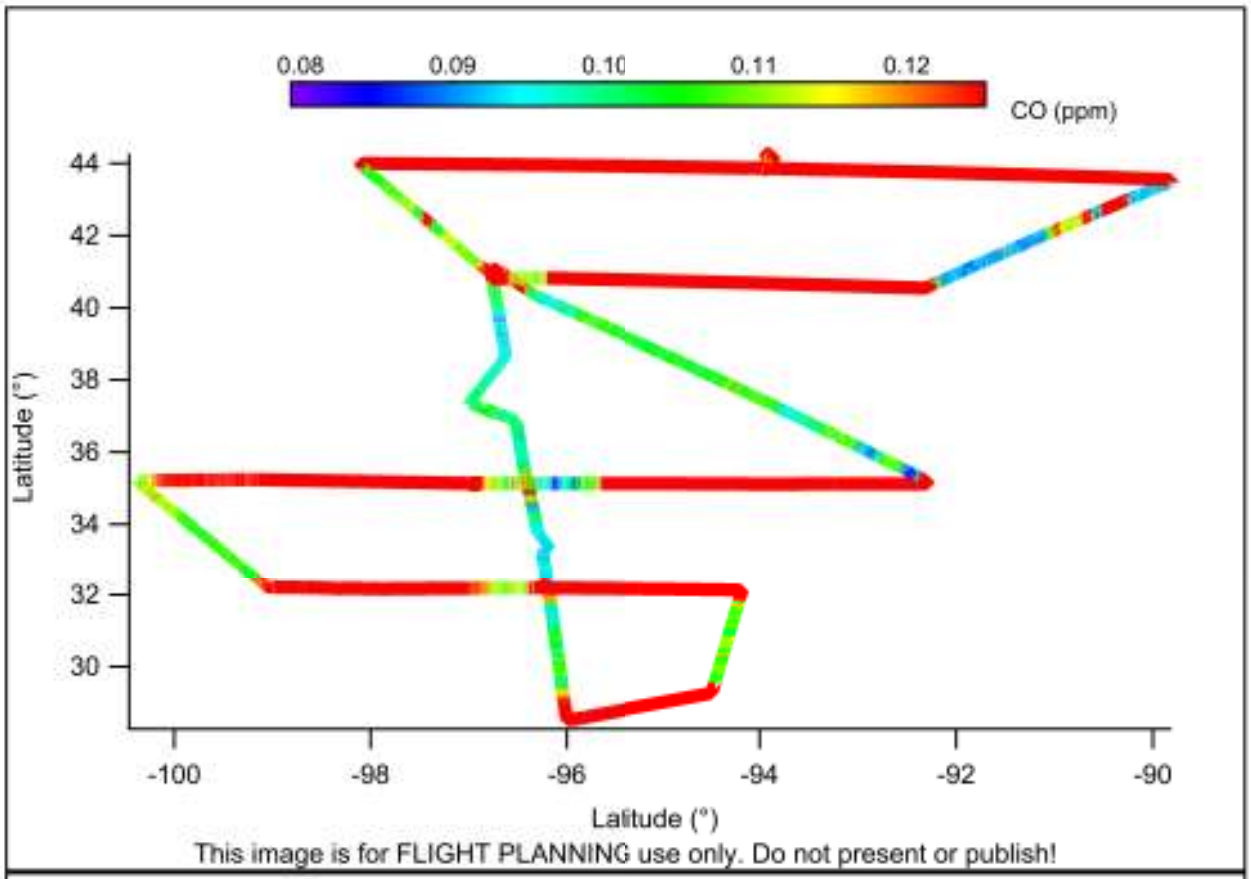

2
4
6
8
10
12
14
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
-100
-98
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

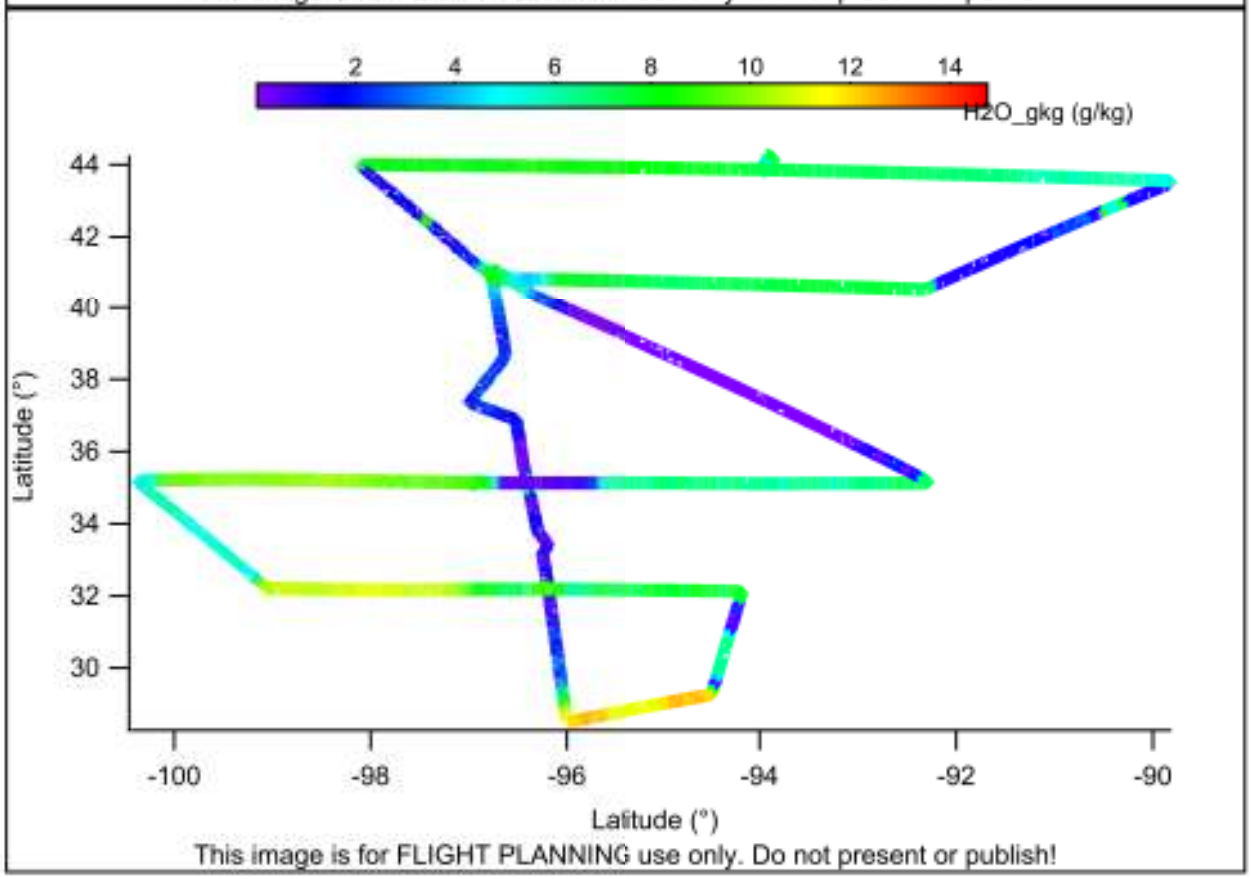

-50
-40
-30
-20
-10
0
10
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
-100
-98
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


40
50
60
70
80
90
O3 (ppb)
Pressure Altitude (kft)
20
15
10
5
0
-100
-98
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


406
408
410
412
414
416
418
420
CO2 (ppm)
44
42
40
38
36
34
32
30
Latitude (°)
-100
-98
-96
-94
-92
-90
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)
44
42
40
38
36
34
32
30
Latitude (°)
-100
-98
-96
-94
-92
-90
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
36
34
32
30
Latitude (°)
-100
-98
-96
-94
-92
-90
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


2
4
6
8
10
12
14
H2O_gkg (g/kg)
44
42
40
38
36
34
32
30
Latitude (°)
-100
-98
-96
-94
-92
-90
Latitude (°)
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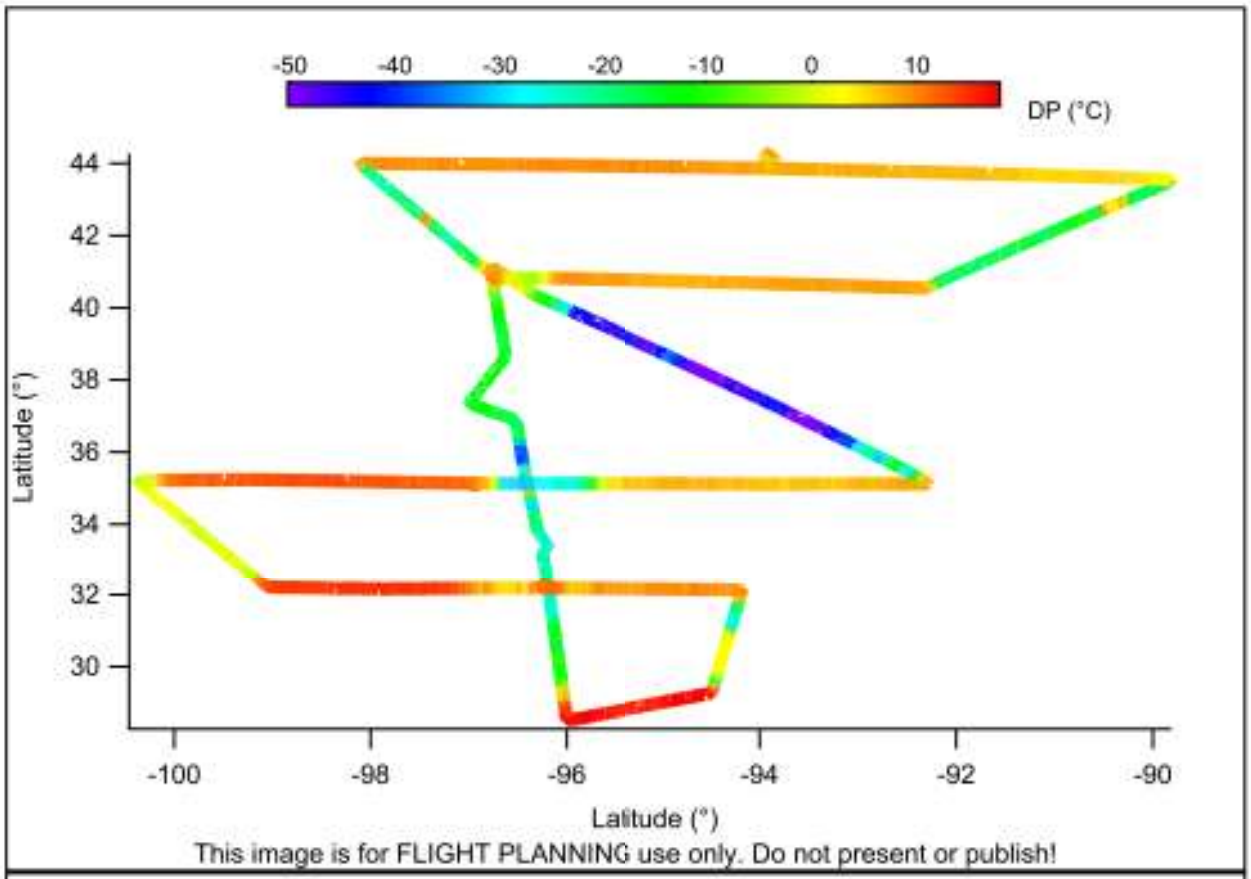
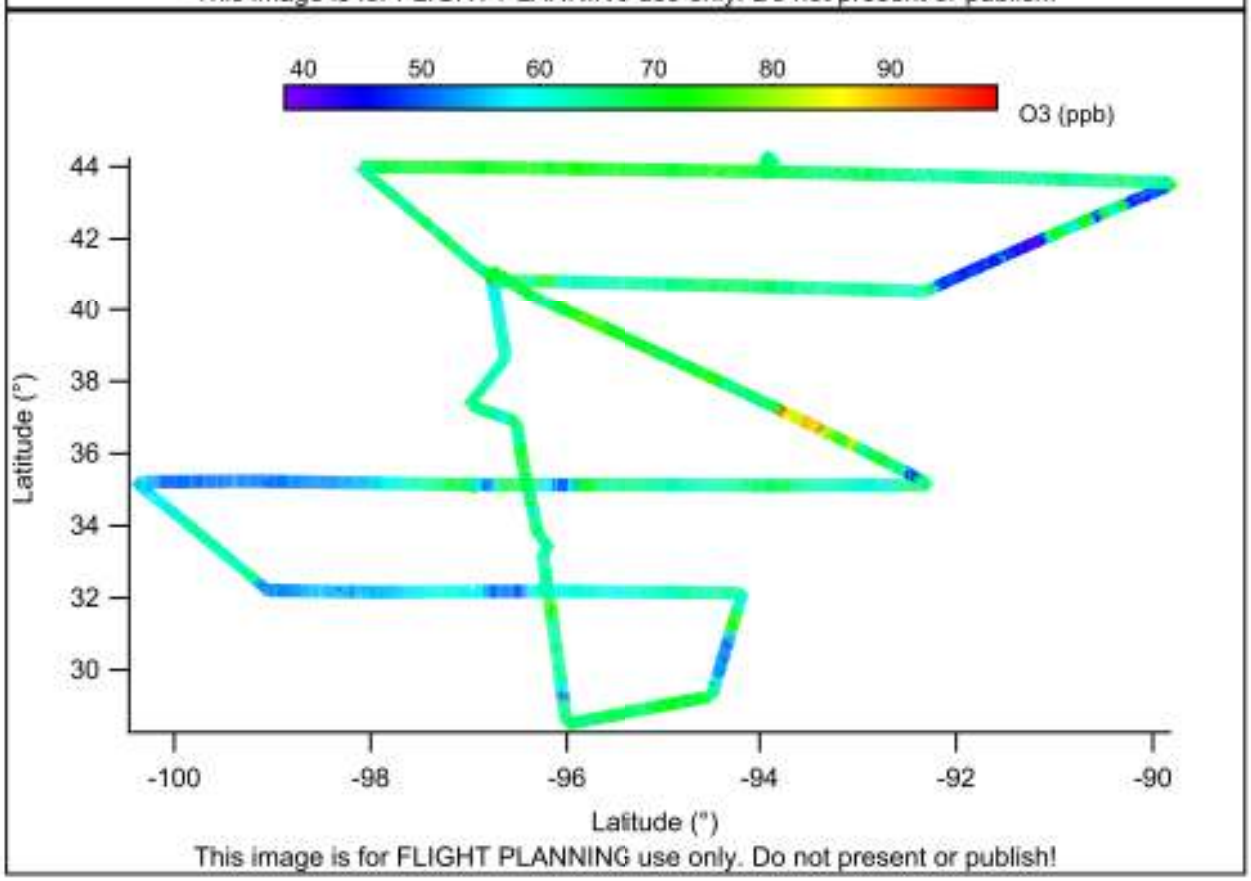
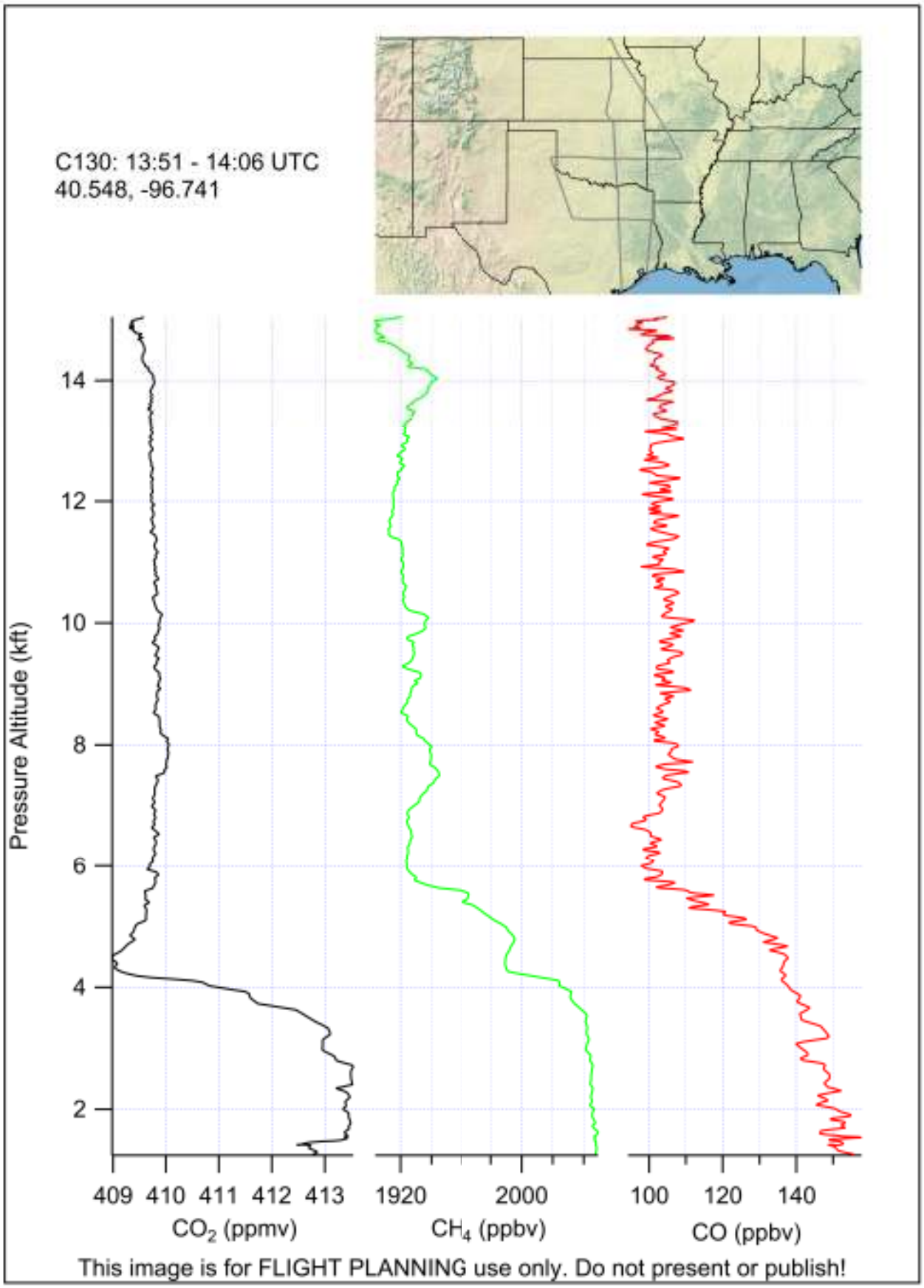
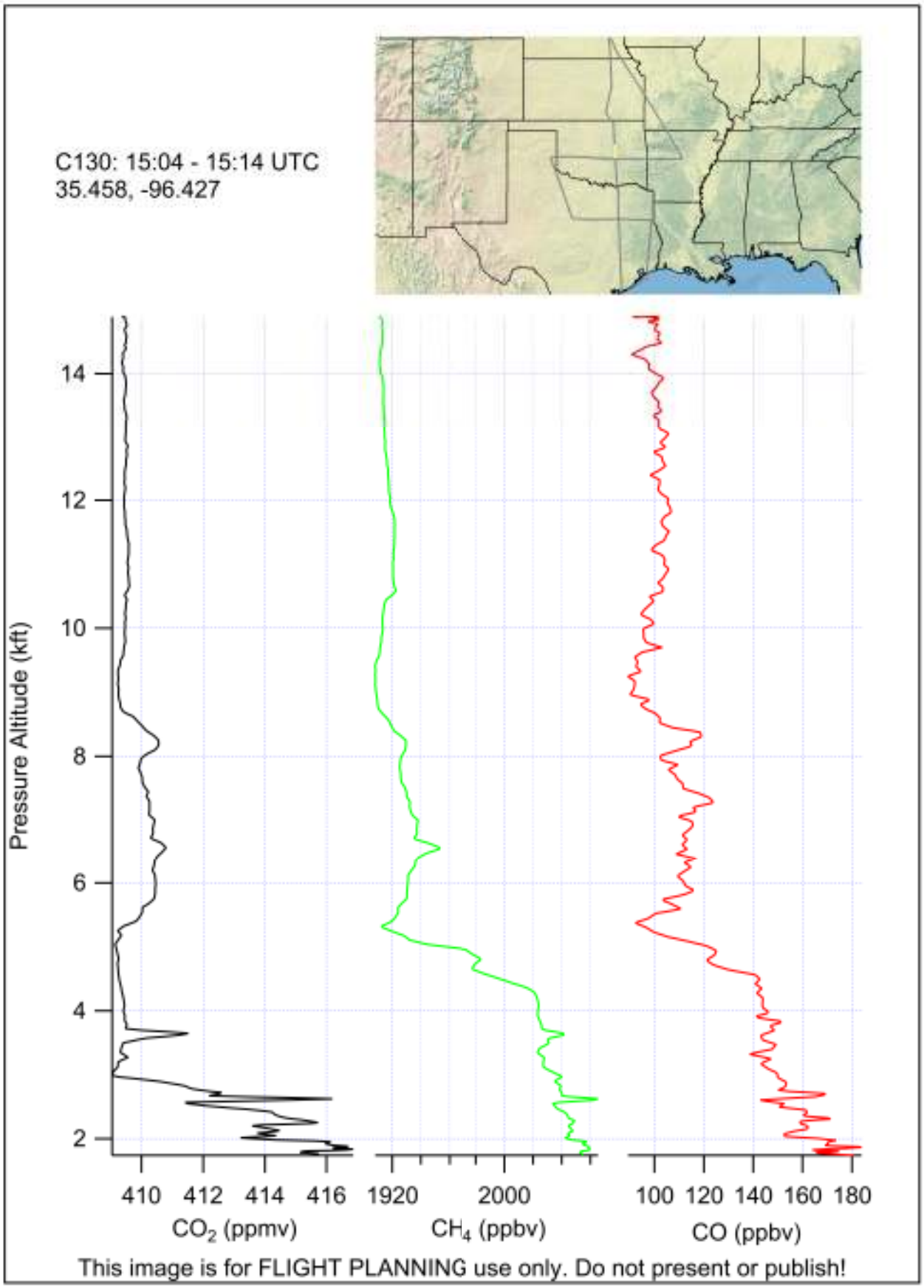
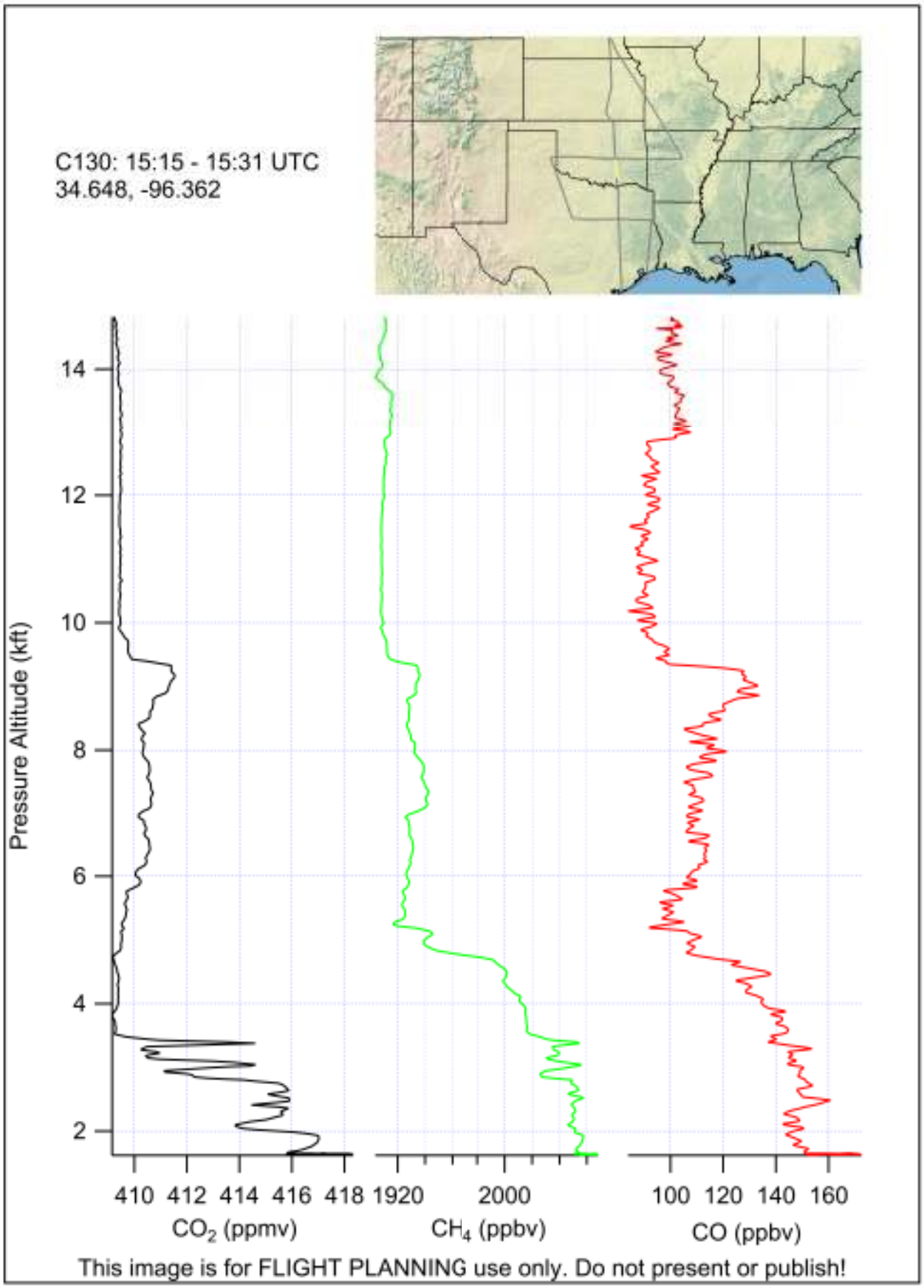
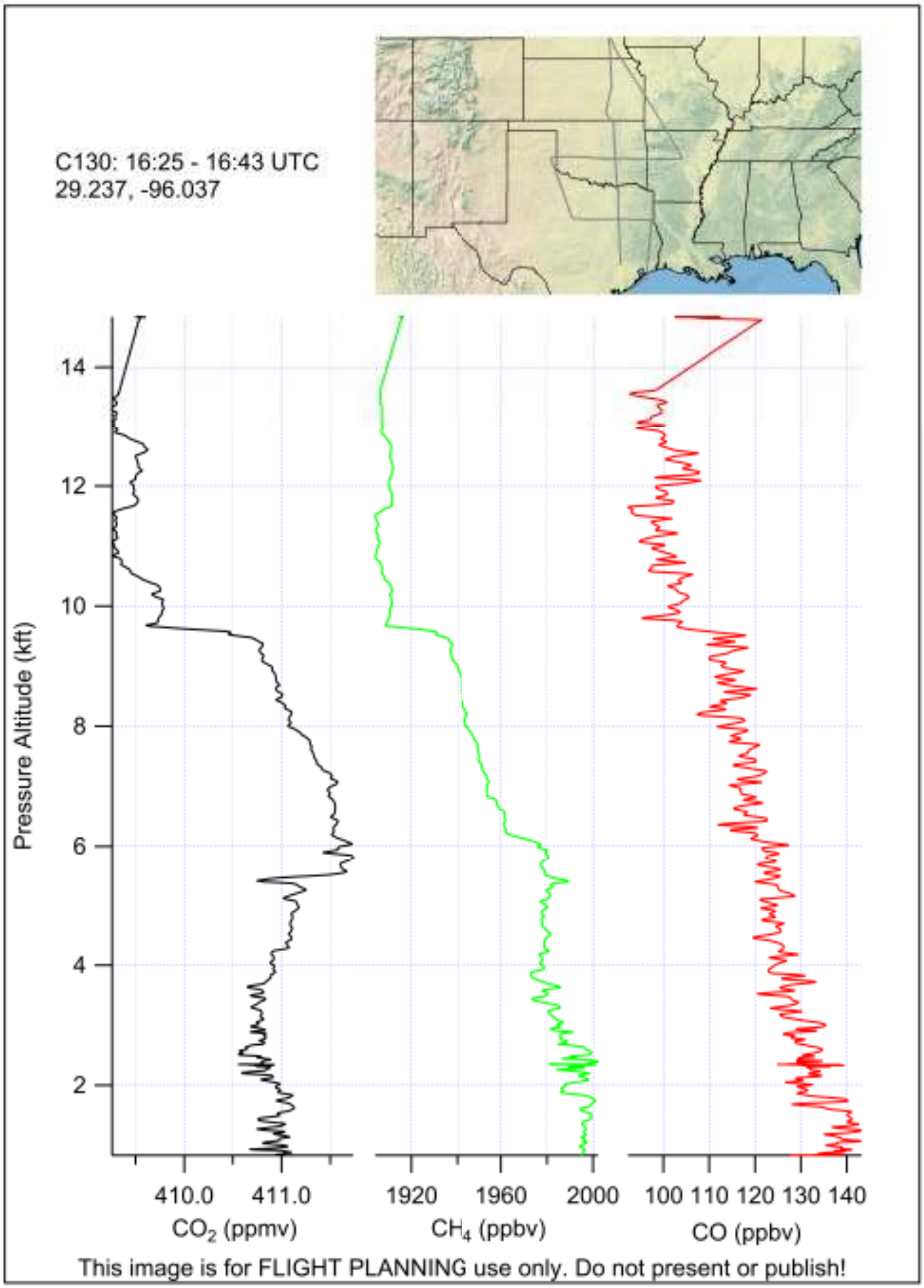

-50
-40
-30
-20
-10
0
10
DP (°C)
44
42
40
38
36
34
32
30
Latitude (°)
-100
-98
-96
-94
-92
-90
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

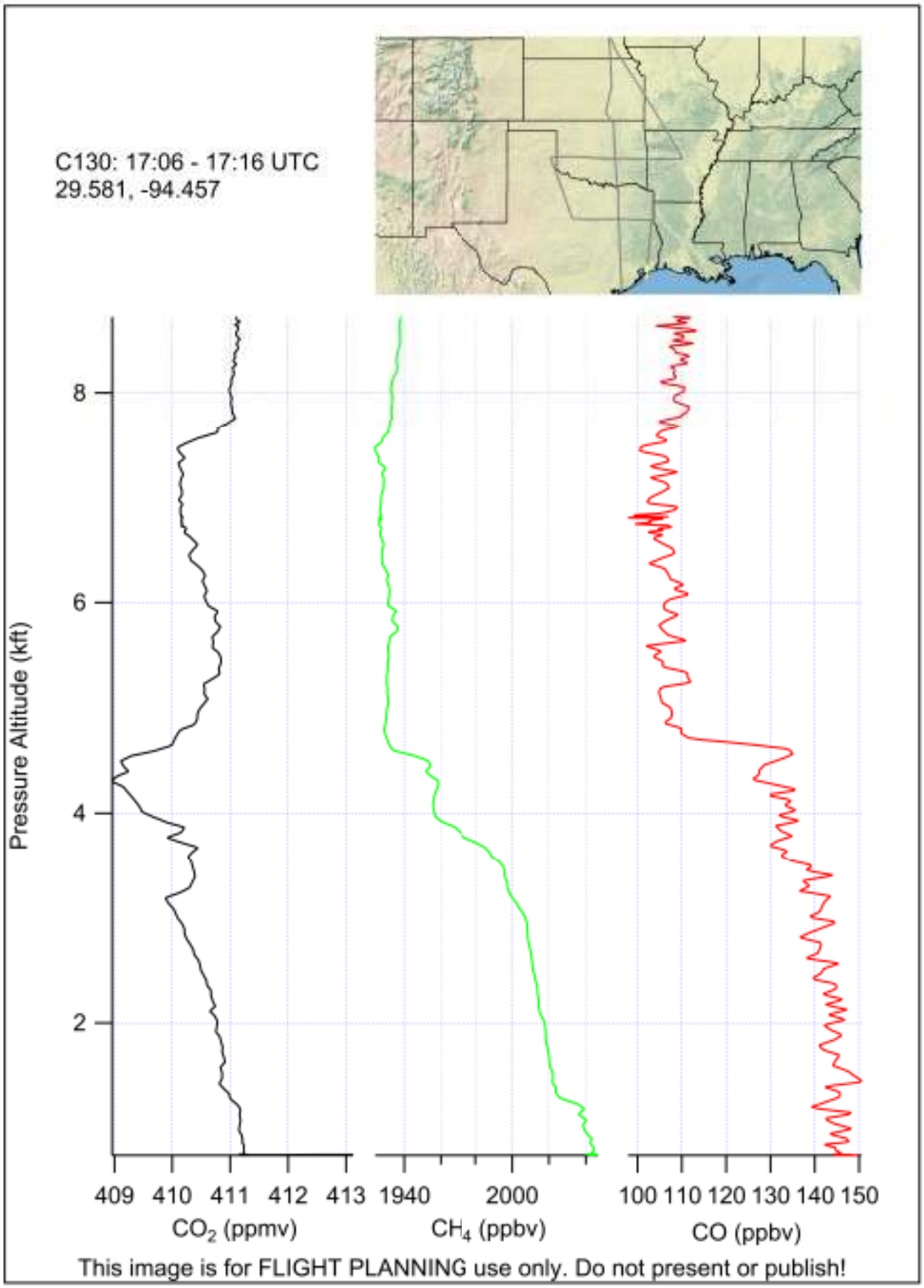

40
50
60
70
80
90
O3 (ppb)
44
42
40
38
36
34
32
30
Latitude (°)
-100
-98
-96
-94
-92
-90
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 13:51 - 14:06 UTC
40.548, -96.741
Pressure Altitude (kft)
14
12
10
8
6
4
2
409 410 411 412 413
CO2 (ppmv)
1920 2000
CH4 (ppbv)
100 120 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 15:04 - 15:14 UTC
35.458, -96.427
Pressure Altitude (kft)
14
12
10
8
6
4
2
410 412 414 416
CO2 (ppmv)
1920 2000
CH4 (ppbv)
100 120 140 160 180
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 15:15 - 15:31 UTC
34.648, -96.362
Pressure Altitude (kft)
14
12
10
8
6
4
2
410 412 414 416 418
CO2 (ppmv)
1920 2000
CH4 (ppbv)
100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:25 - 16:43 UTC
29.237, -96.037
Pressure Altitude (kft)
14
12
10
8
6
4
2
410.0
411.0
CO2 (ppmv)
1920
1960
2000
CH4 (ppbv)
100 110 120 130 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:06 - 17:16 UTC
29.581, -94.457
Pressure Altitude (kft)
8
6
4
2
409 410 411 412 413
CO2 (ppmv)
1940 2000
CH4 (ppbv)
100 110 120 130 140 150
CO (ppbv)
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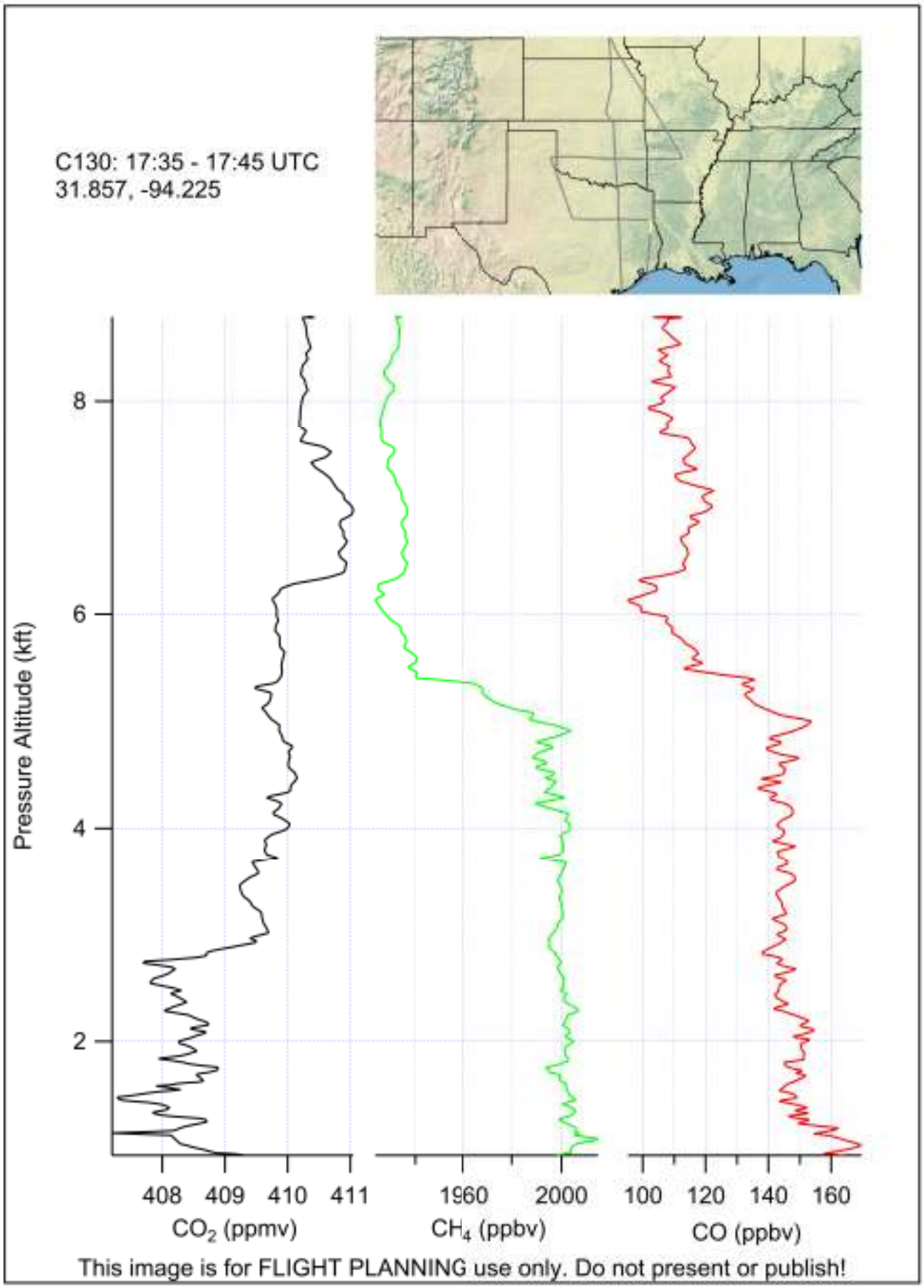
C130: 17:35 - 17:45 UTC
31.857, -94.225
Pressure Altitude (kft)
8
6
4
2
408 409 410 411
CO2 (ppmv)
1960 2000
CH4 (ppbv)
100 120 140 160
CO (ppbv)
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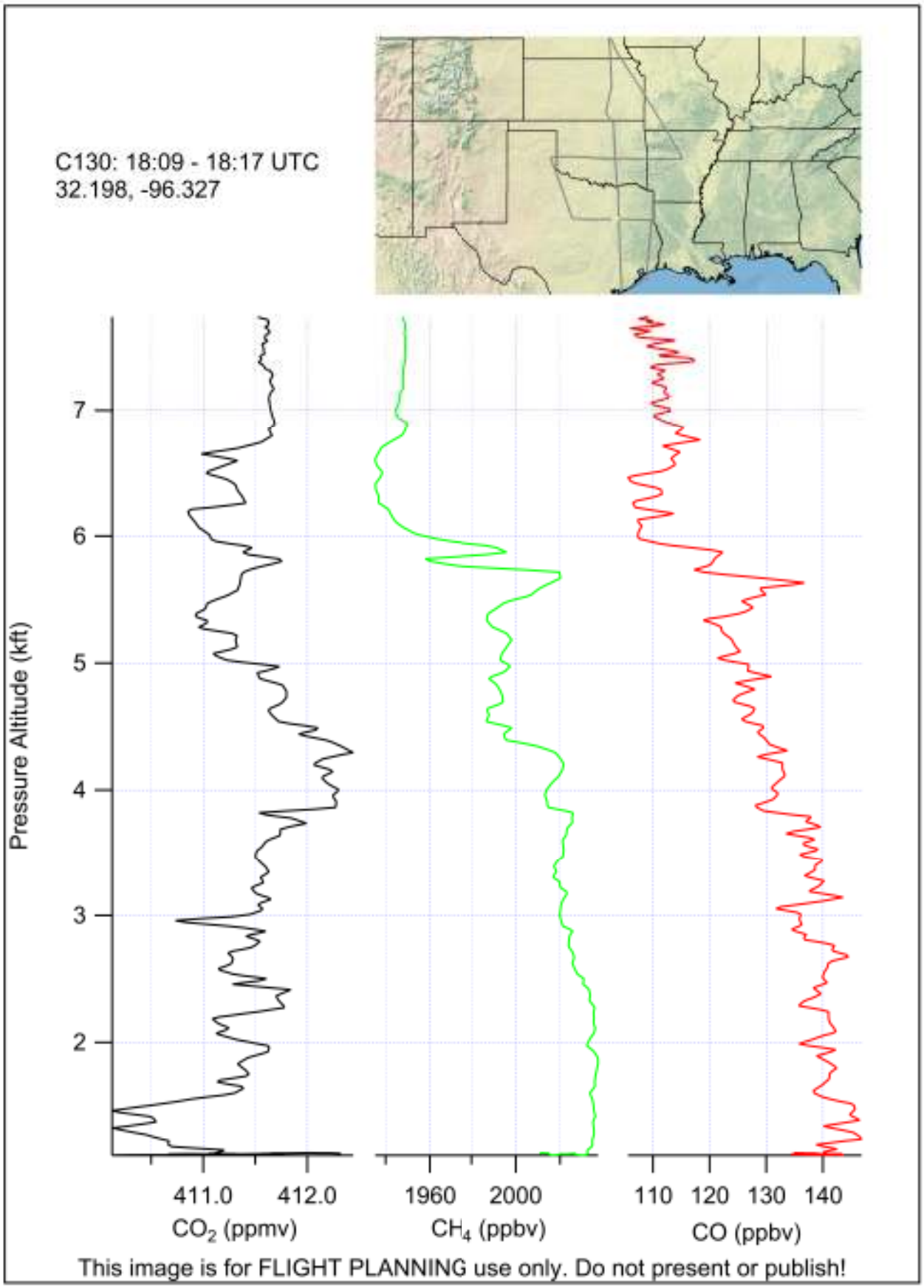
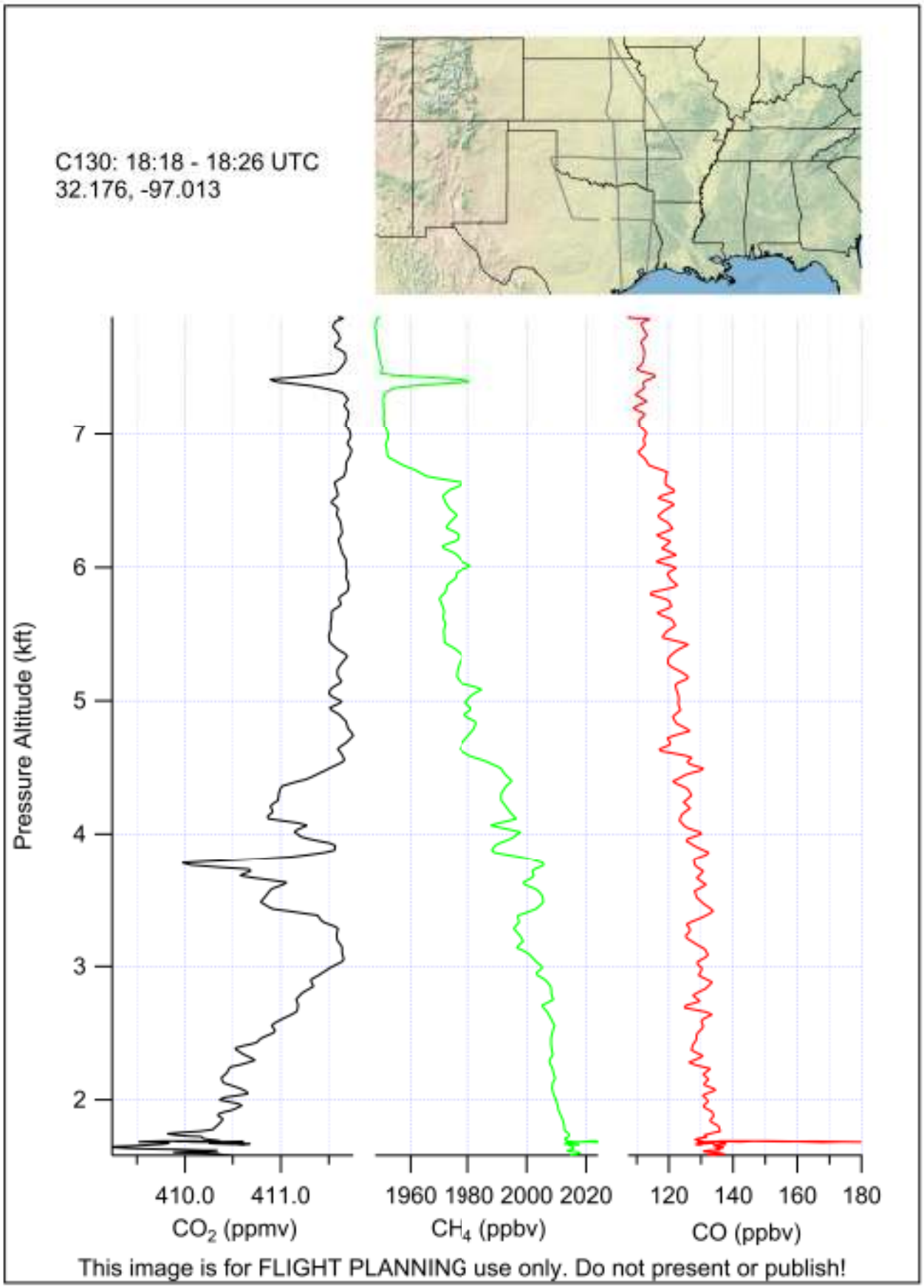
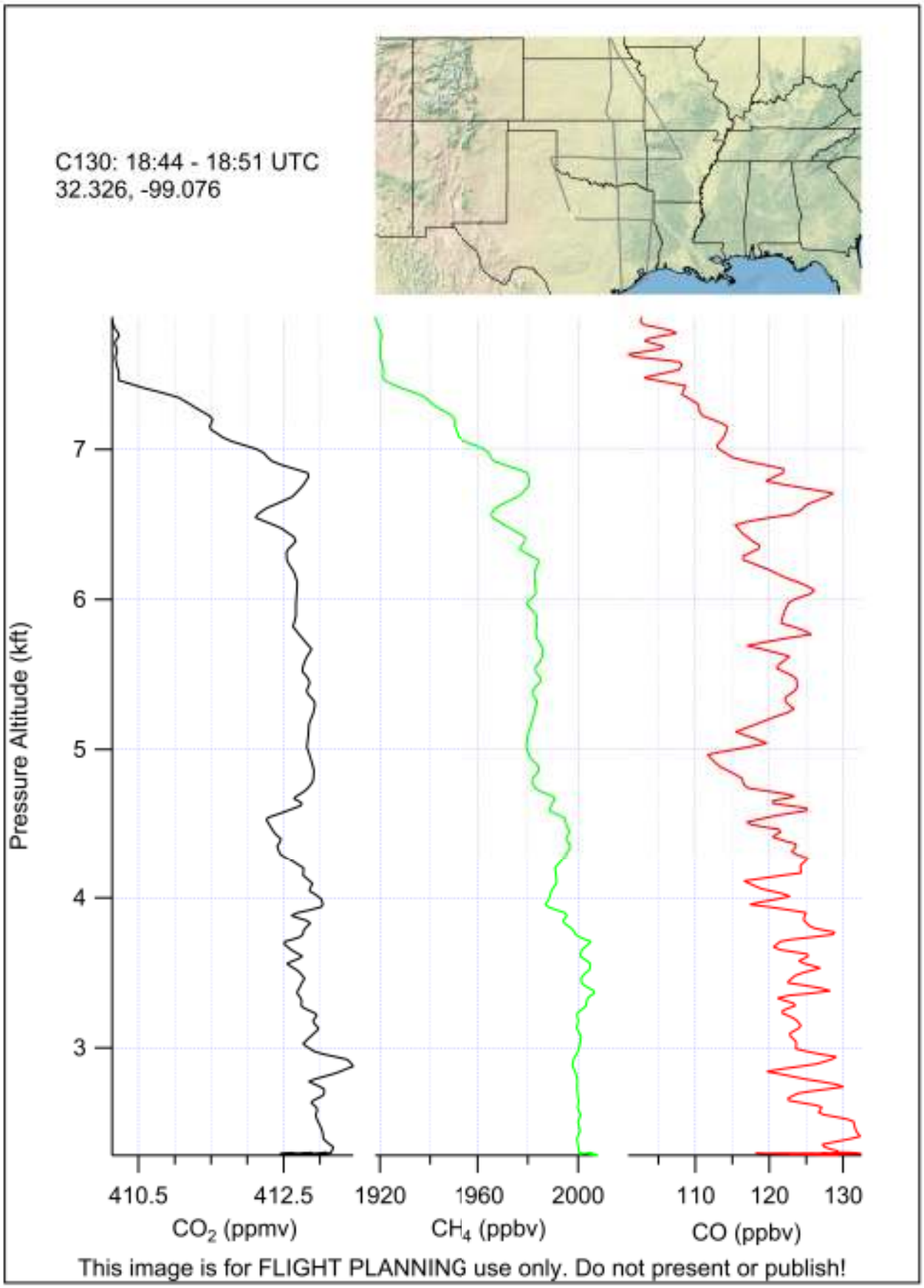
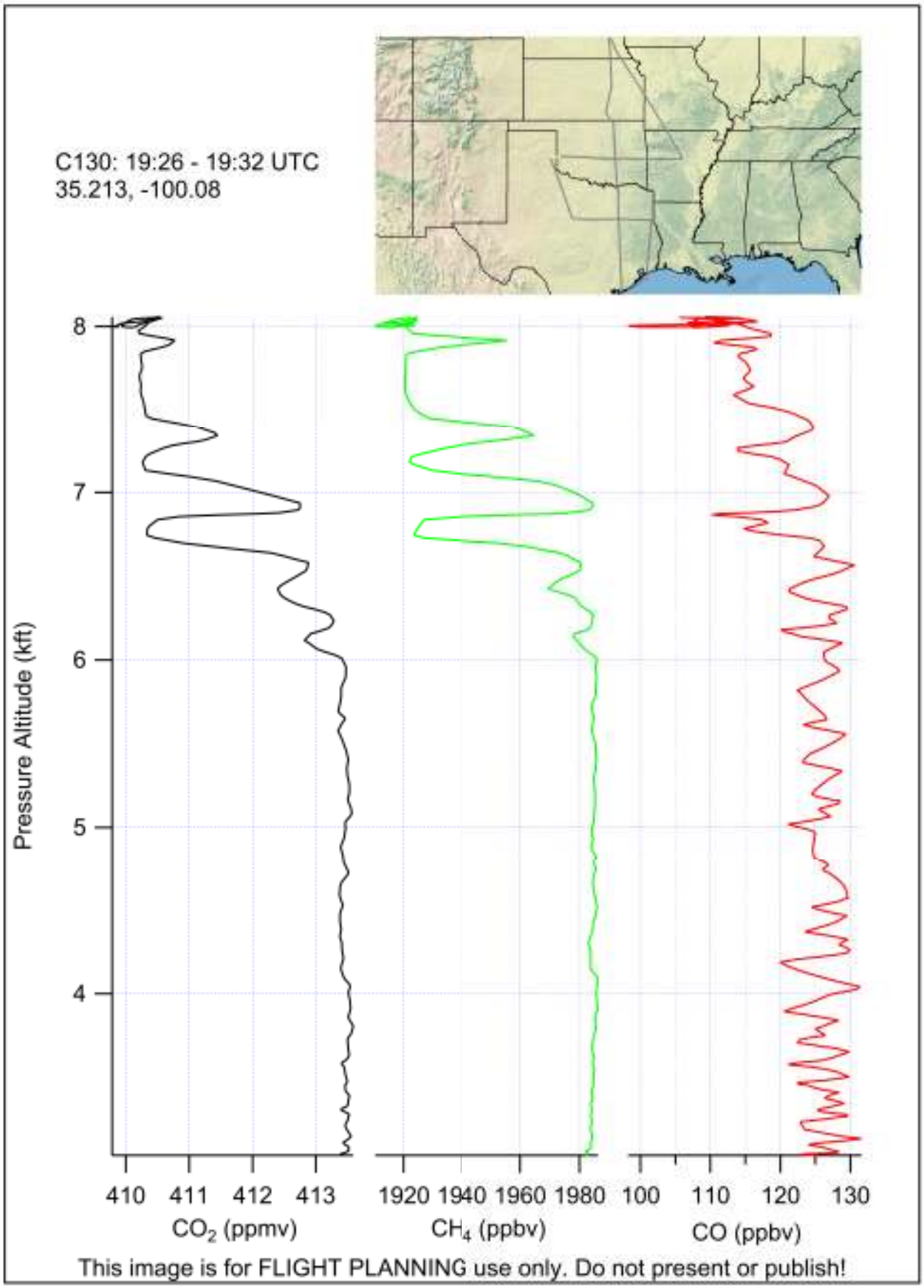
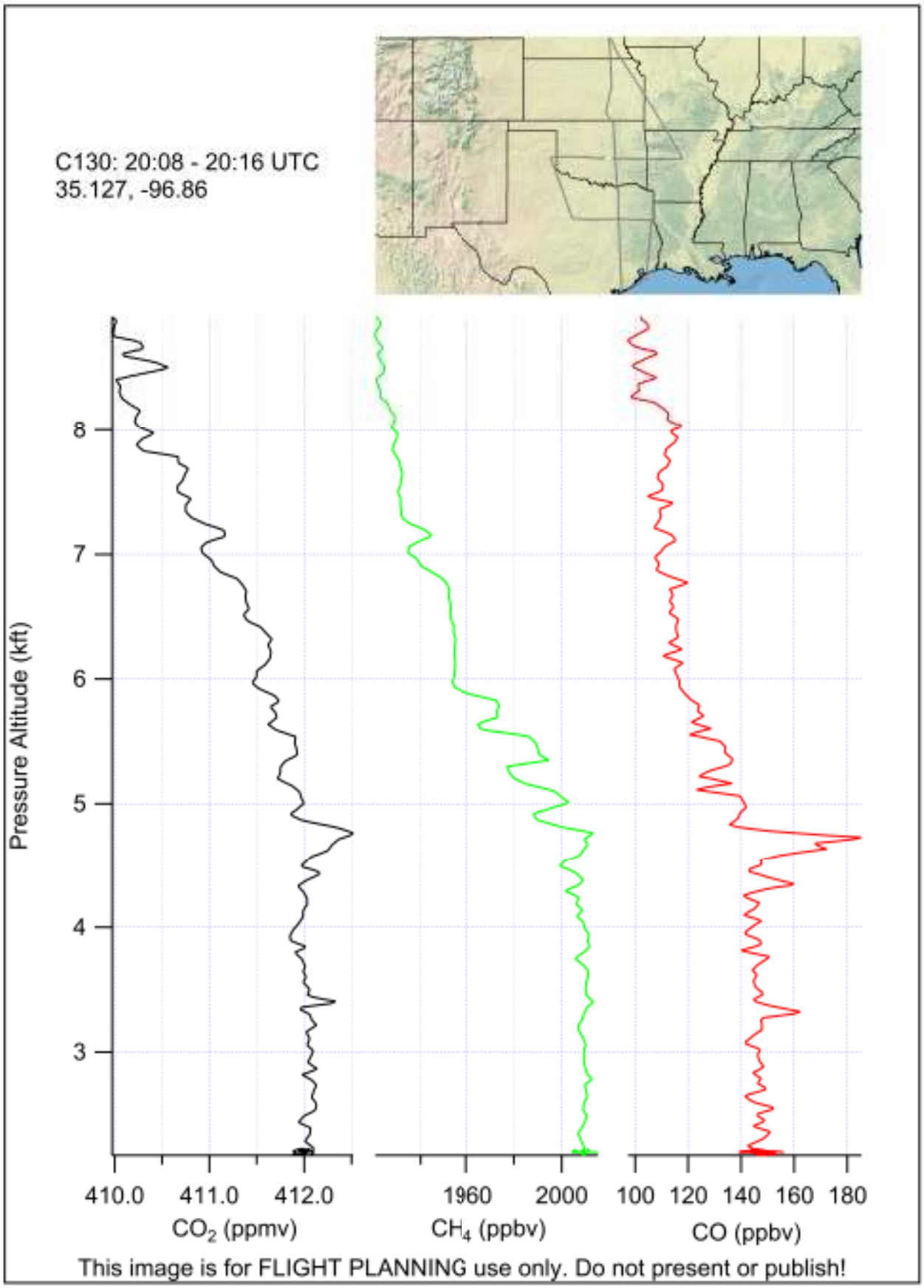
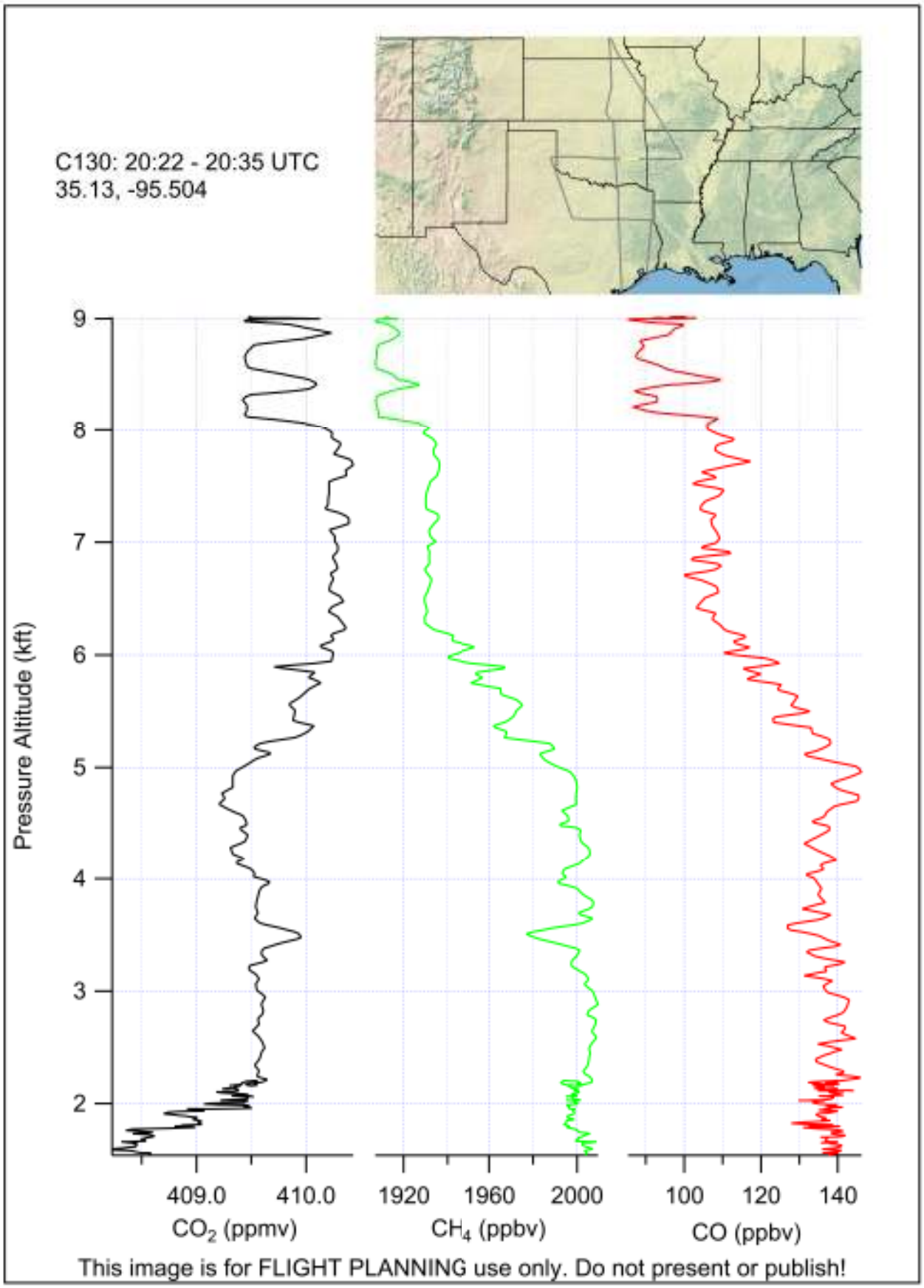

C130: 18:09 - 18:17 UTC
32.198, -96.327
Pressure Altitude (kft)
7
6
5
4
3
2
411.0
412.0
CO_2 (ppmv)
1960
2000
CH_4 (ppbv)
110
120
130
140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

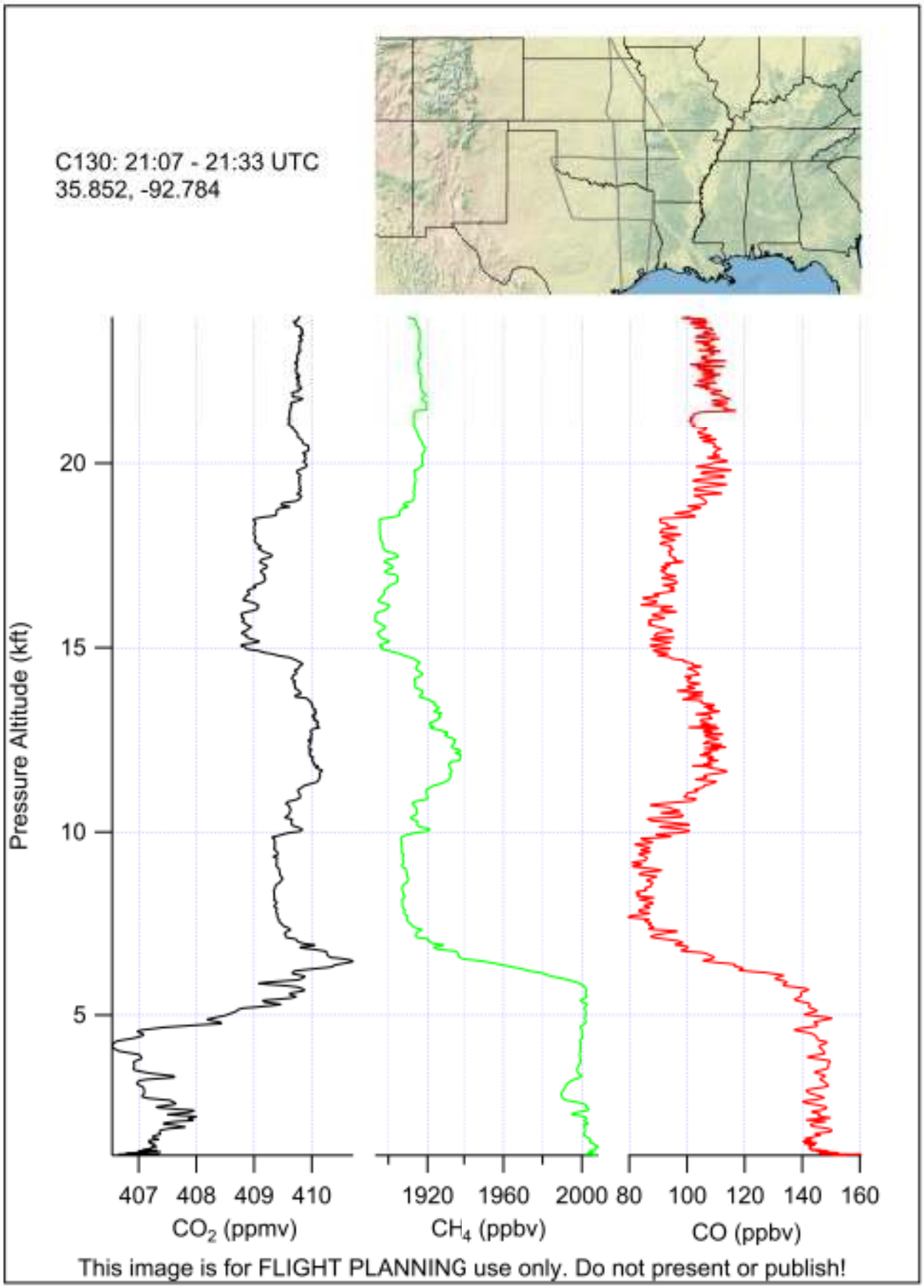

C130: 18:18 - 18:26 UTC
32.176, -97.013
Pressure Altitude (kft)
7
6
5
4
3
2
410.0
411.0
CO2 (ppmv)
1960 1980 2000 2020
CH4 (ppbv)
120 140 160 180
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

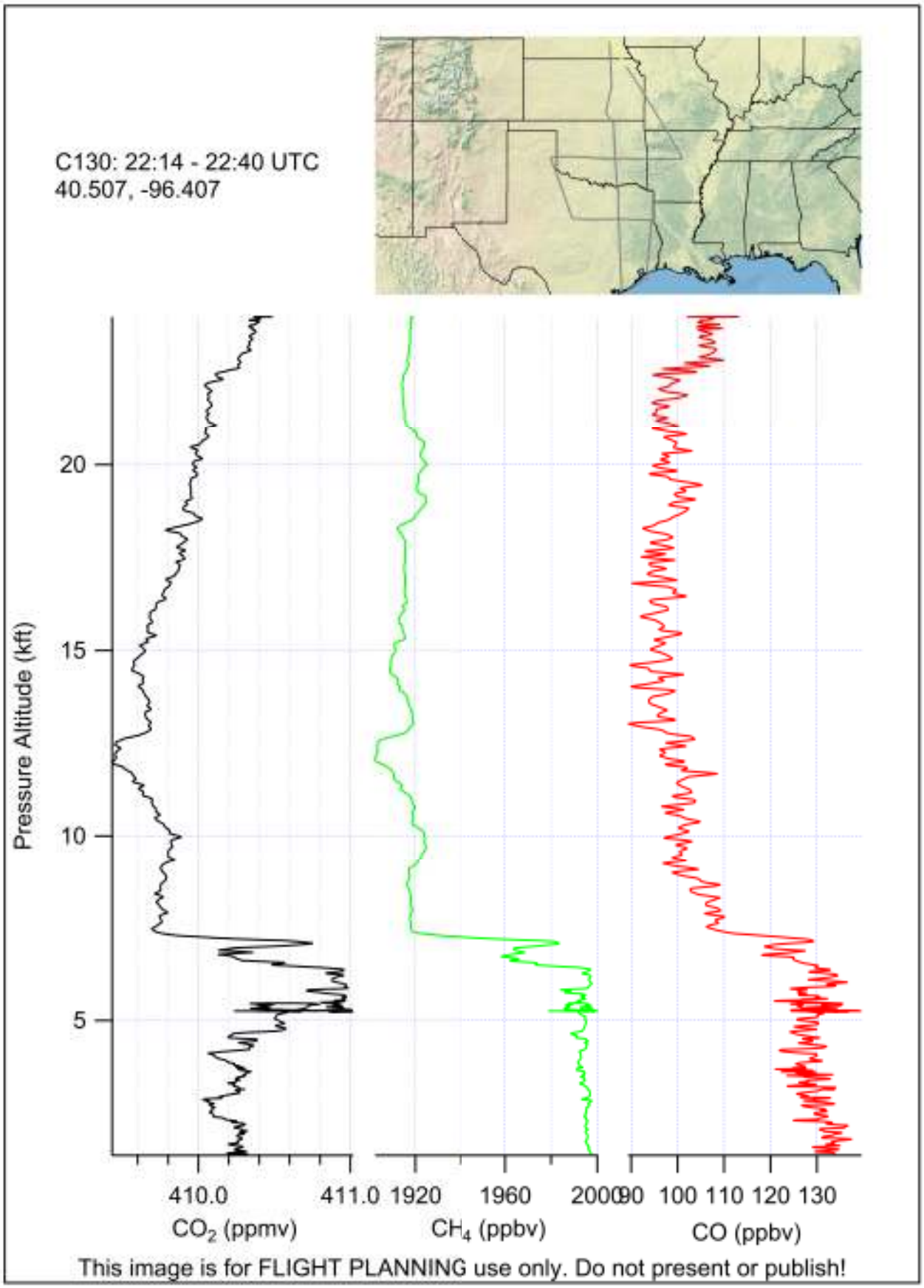

C130: 18:44 - 18:51 UTC
32.326, -99.076
Pressure Altitude (kft)
7
6
5
4
3
410.5
412.5
CO_2 (ppmv)
1920
1960
2000
CH_4 (ppbv)
110
120
130
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

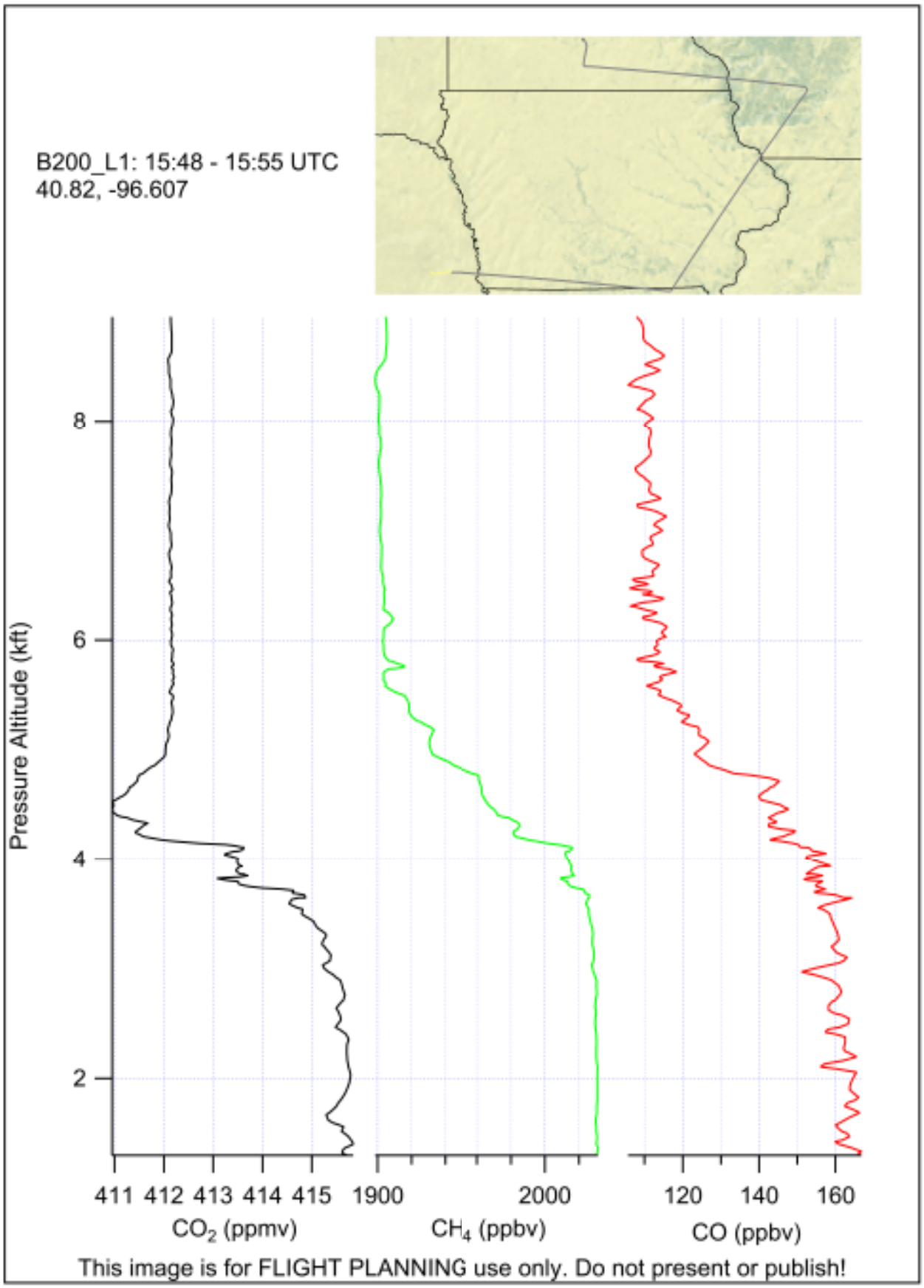

C130: 19:26 - 19:32 UTC
35.213, -100.08
Pressure Altitude (kft)
8
7
6
5
4
410 411 412 413
CO2 (ppmv)
1920 1940 1960 1980
CH4 (ppbv)
100 110 120 130
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

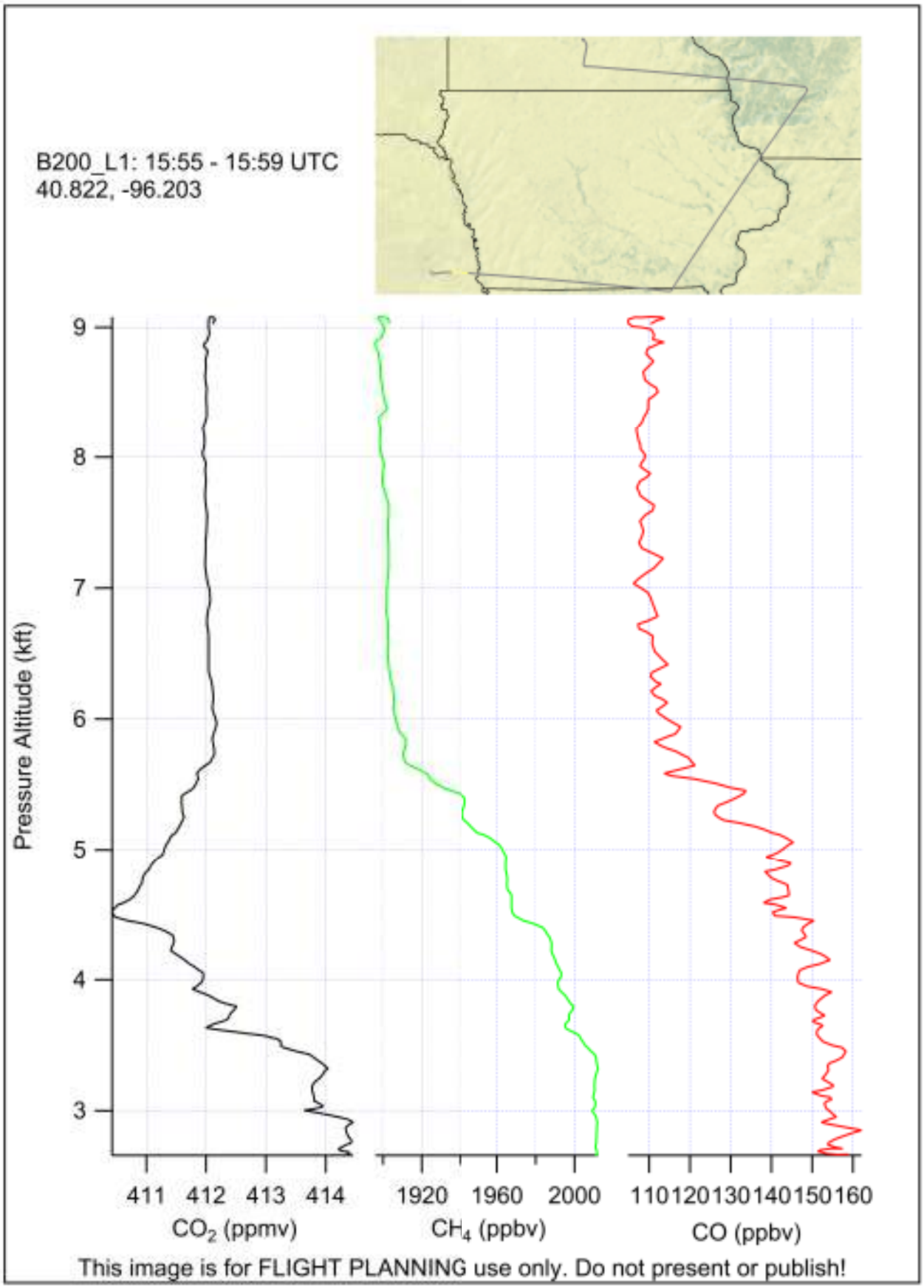

C130: 20:08 - 20:16 UTC
35.127, -96.86
Pressure Altitude (kft)
8
7
6
5
4
3
410.0
411.0
412.0
CO2 (ppmv)
1960
2000
CH4 (ppbv)
100
120
140
160
180
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

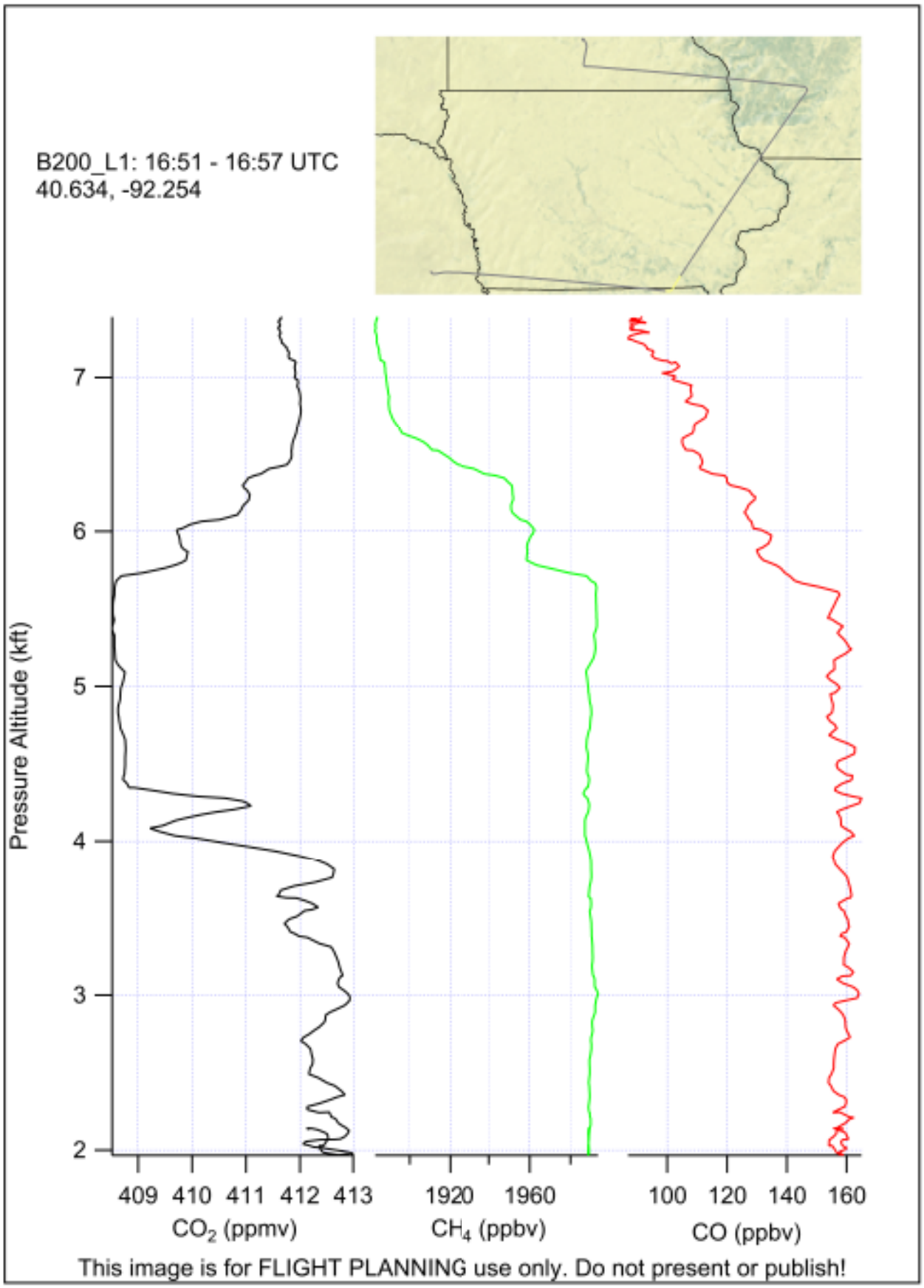

C130: 20:22 - 20:35 UTC
35.13, -95.504
Pressure Altitude (kft)
9
8
7
6
5
4
3
2
409.0
410.0
CO2 (ppmv)
1920
1960
2000
CH4 (ppbv)
100
120
140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

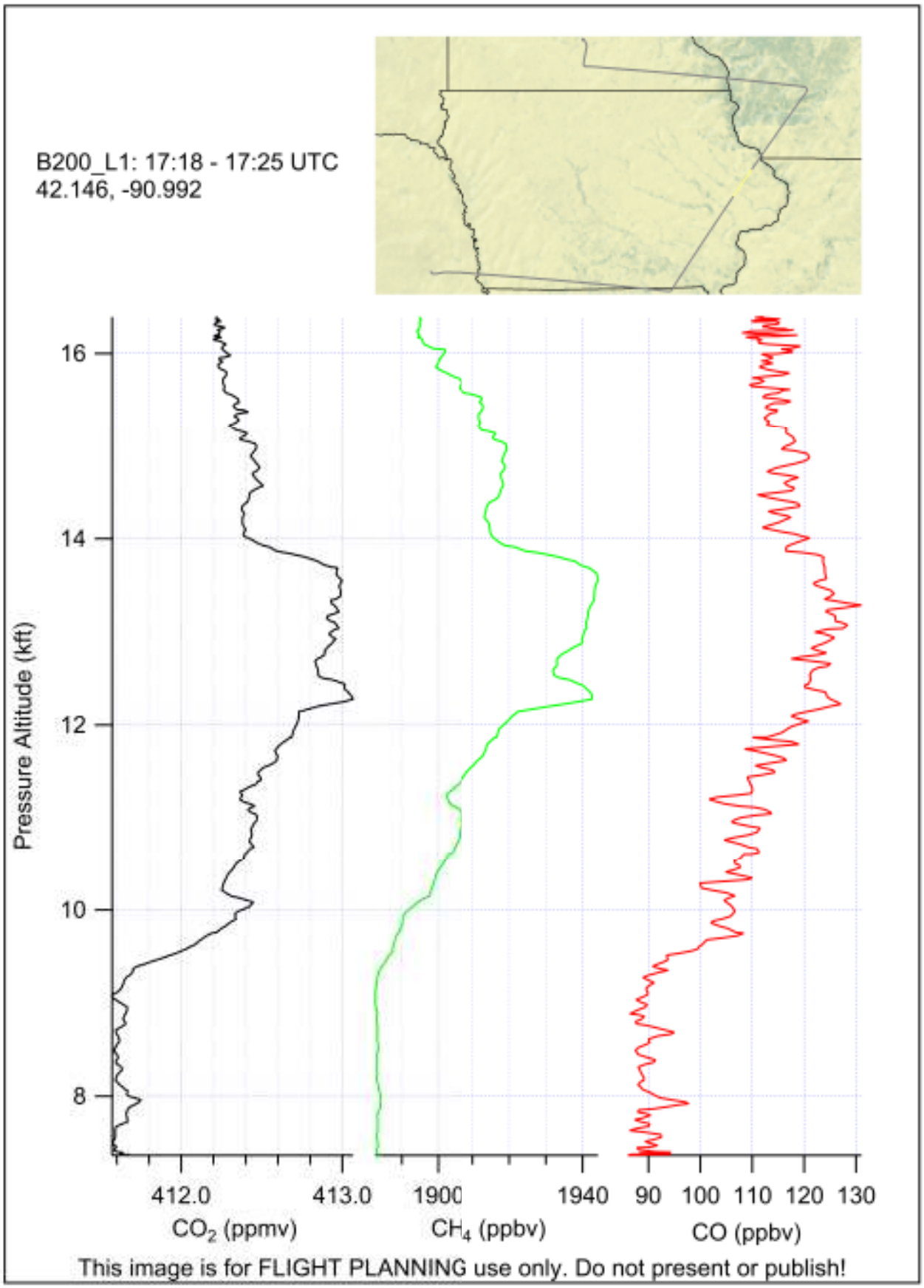

C130: 21:07 - 21:33 UTC
35.852, -92.784
Pressure Altitude (kft)
20
15
10
5
407 408 409 410
CO2 (ppmv)
1920 1960 2000
CH4 (ppbv)
80 100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

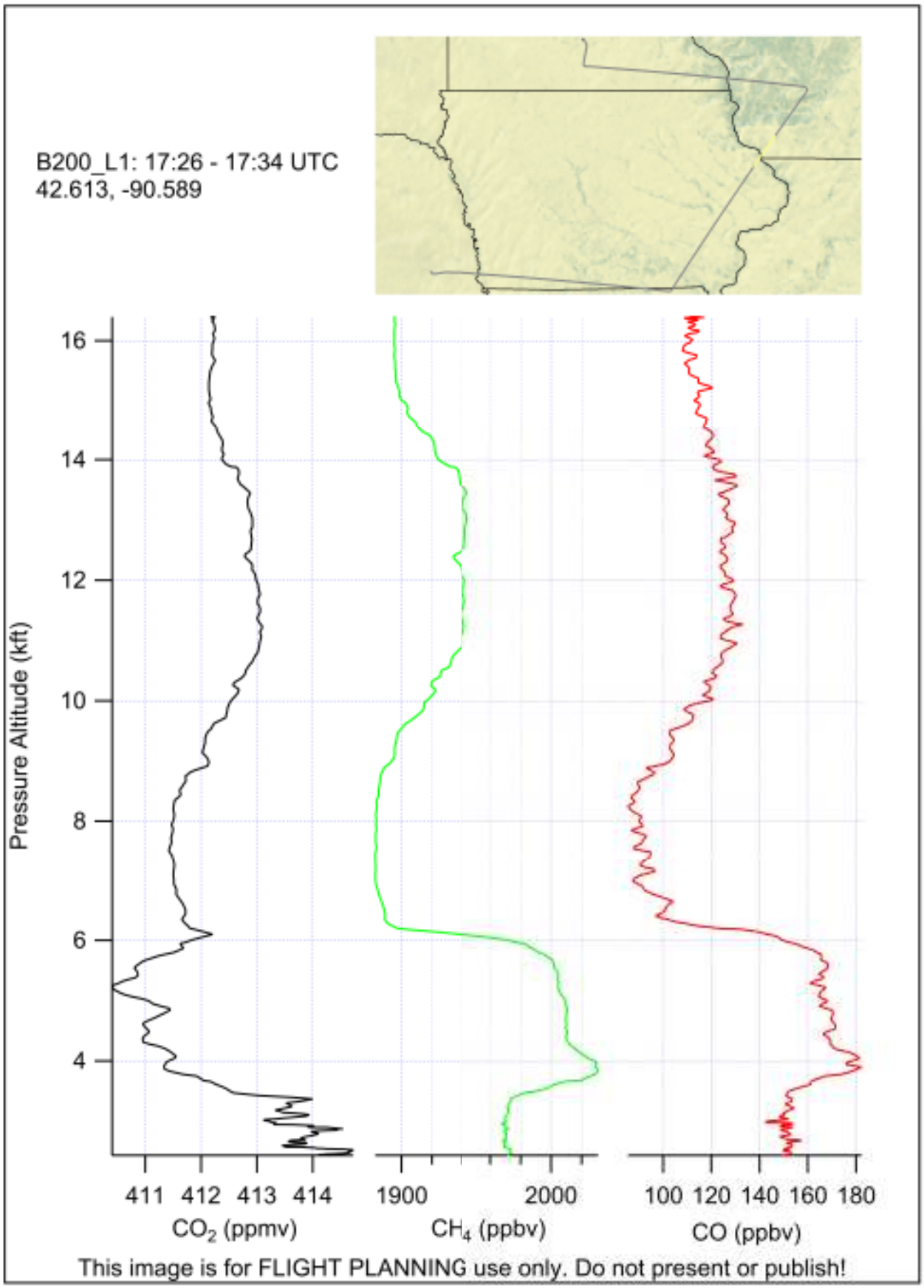

C130: 22:14 - 22:40 UTC
40.507, -96.407
Pressure Altitude (kft)
20
15
10
5
410.0
411.0
CO_2 (ppmv)
1920
1960
2000
CH_4 (ppbv)
90
100
110
120
130
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

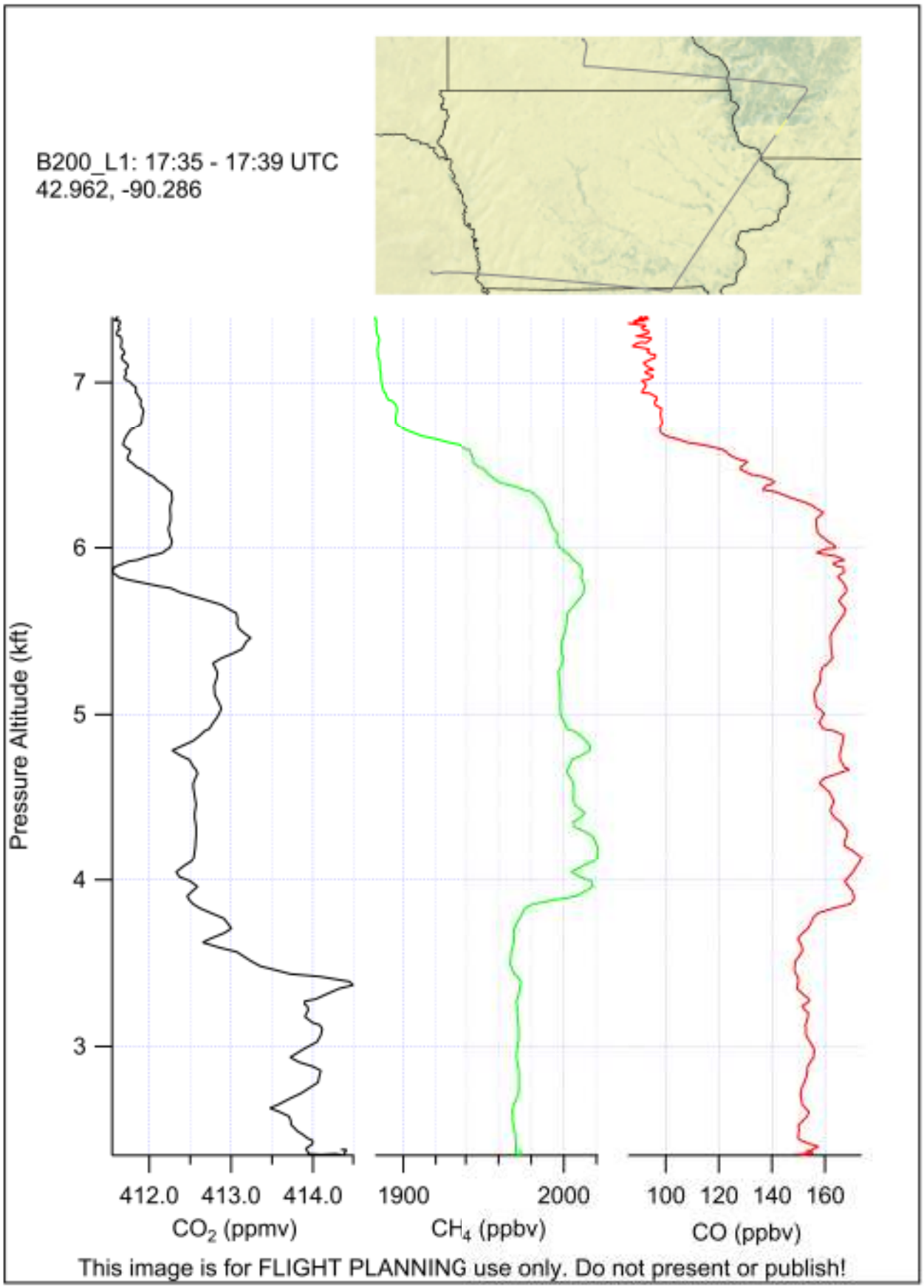

B200_L1: 15:48 - 15:55 UTC
40.82, -96.607
Pressure Altitude (kft)
8
6
4
2
411 412 413 414 415
CO2 (ppmv)
1900
2000
CH4 (ppbv)
120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

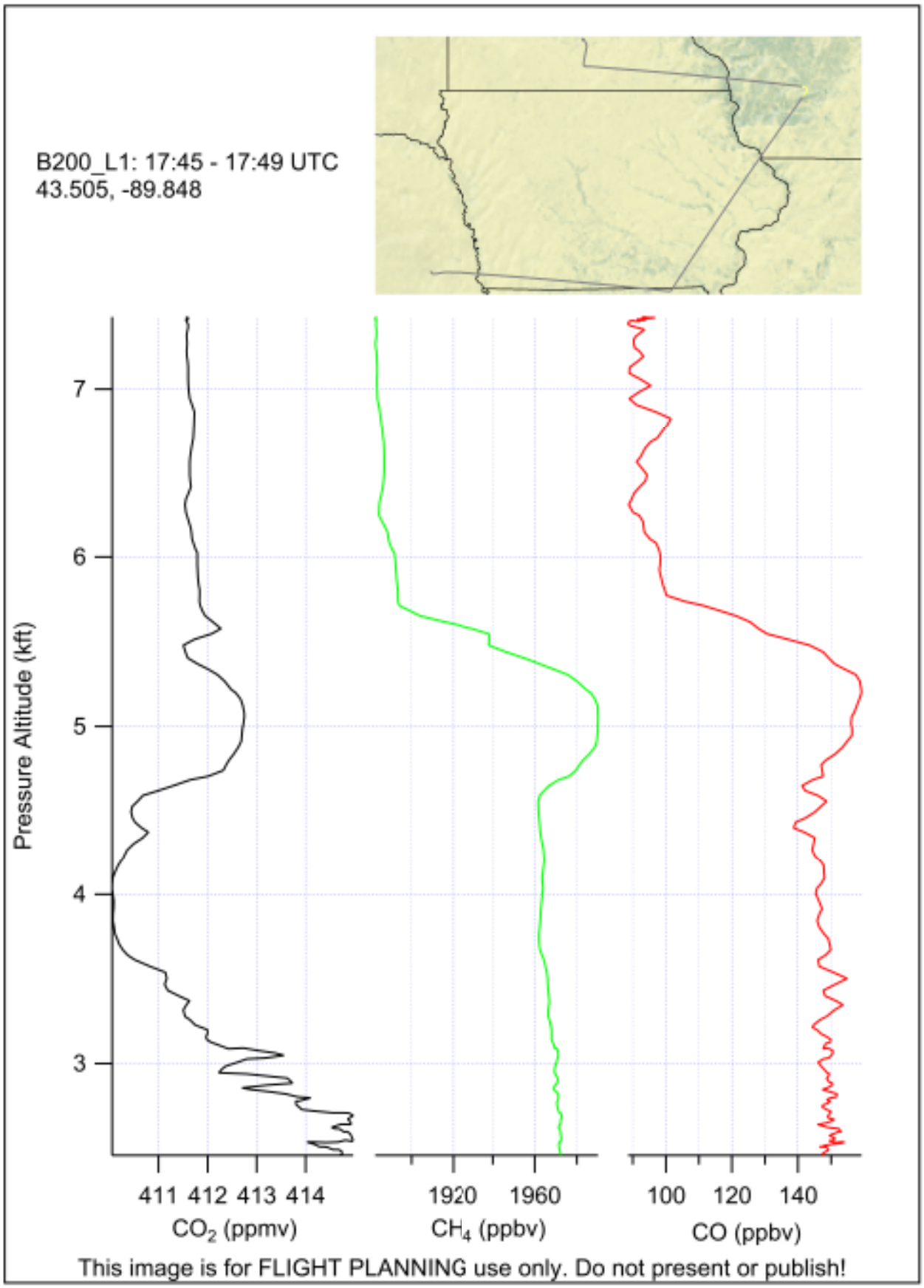

B200_L1: 15:55 - 15:59 UTC
40.822, -96.203
Pressure Altitude (kft)
9
8
7
6
5
4
3
411 412 413 414
CO2 (ppmv)
1920 1960 2000
CH4 (ppbv)
110120130140150160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

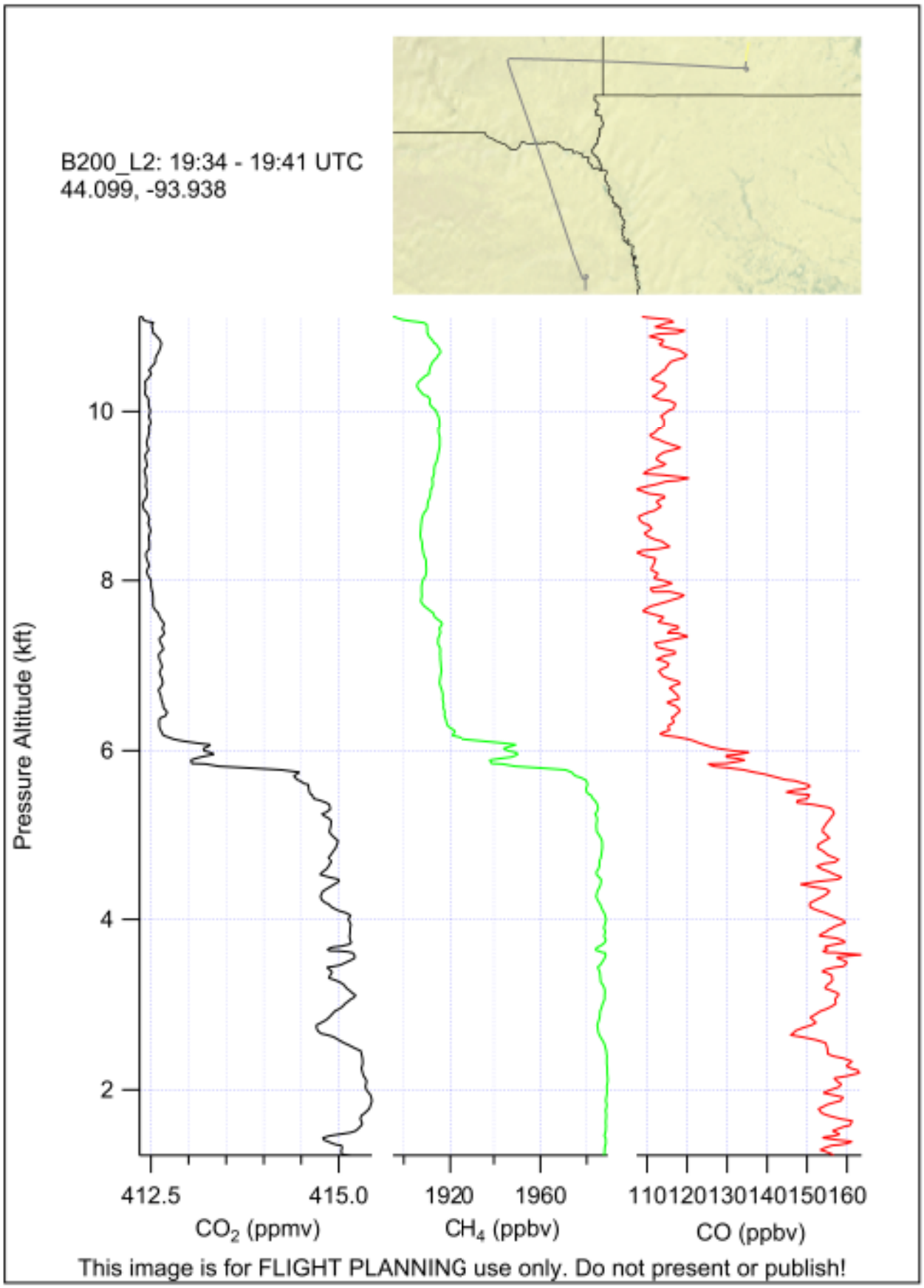

B200_L1: 16:51 - 16:57 UTC
40.634, -92.254
Pressure Altitude (kft)
7
6
5
4
3
2
409 410 411 412 413
CO2 (ppmv)
1920 1960
CH4 (ppbv)
100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

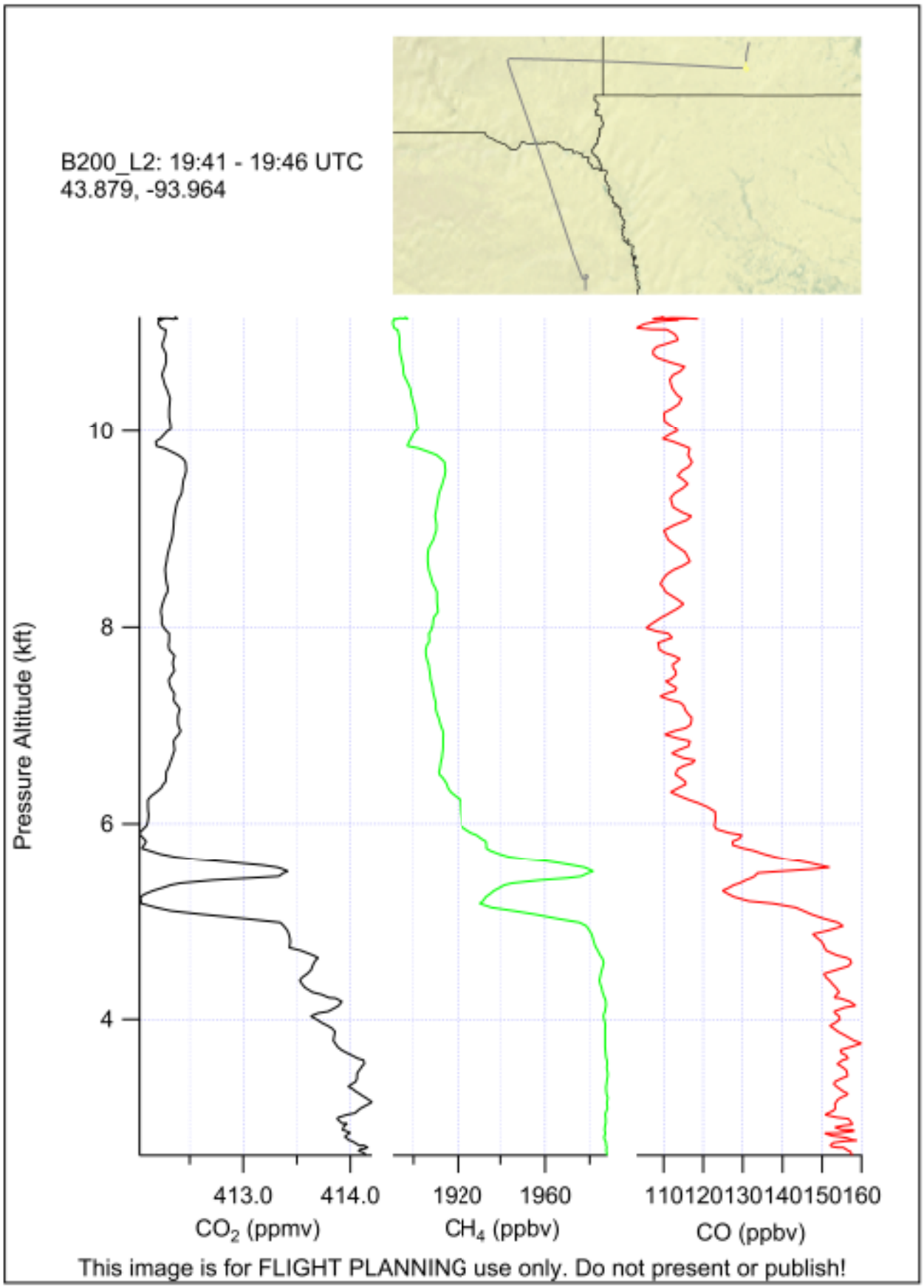

B200_L1: 17:18 - 17:25 UTC
42.146, -90.992
Pressure Altitude (kft)
16
14
12
10
8
412.0
413.0
CO2 (ppmv)
1900
1940
CH4 (ppbv)
90
100
110
120
130
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

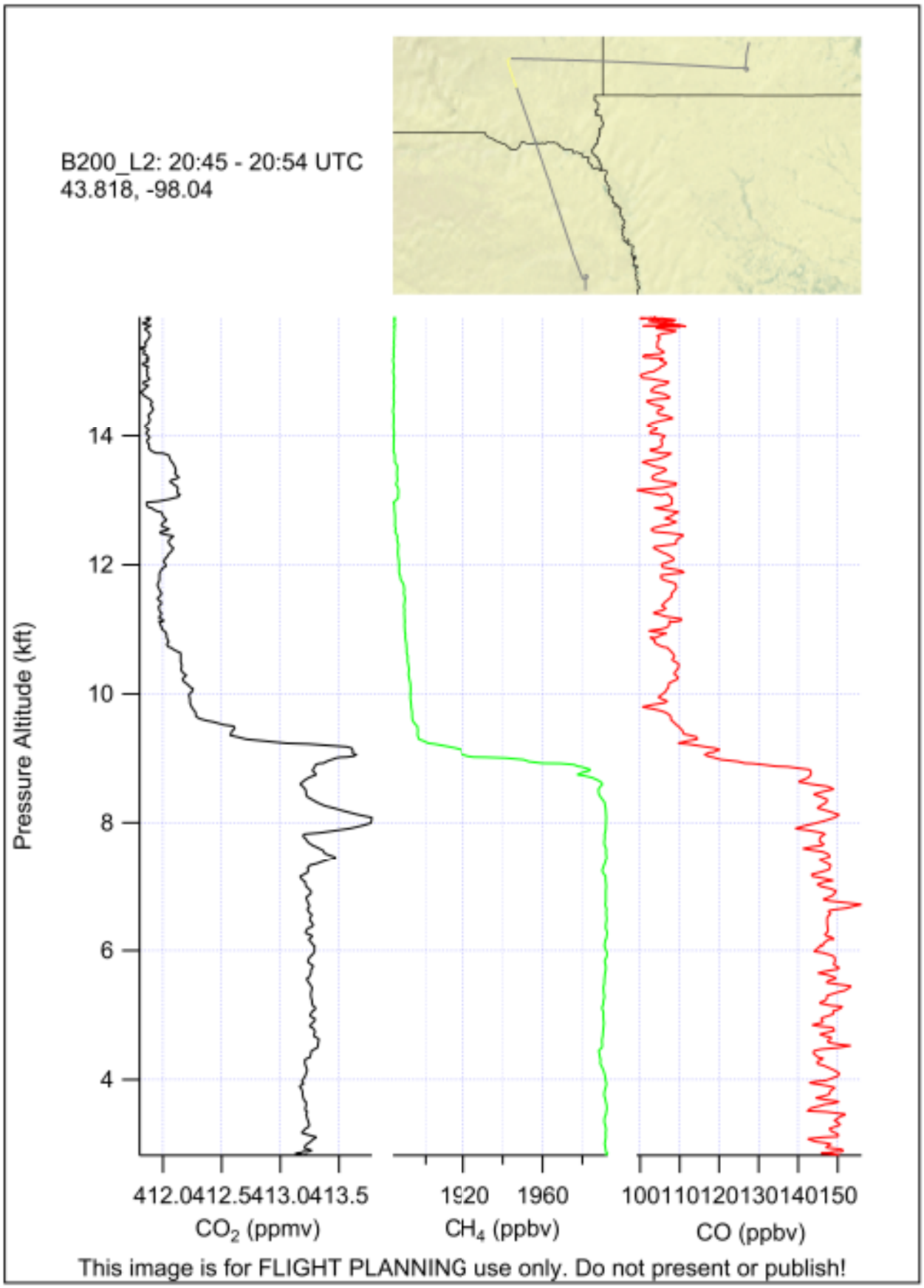

B200_L1: 17:26 - 17:34 UTC
42.613, -90.589
Pressure Altitude (kft)
16
14
12
10
8
6
4
411 412 413 414
CO2 (ppmv)
1900 2000
CH4 (ppbv)
100 120 140 160 180
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

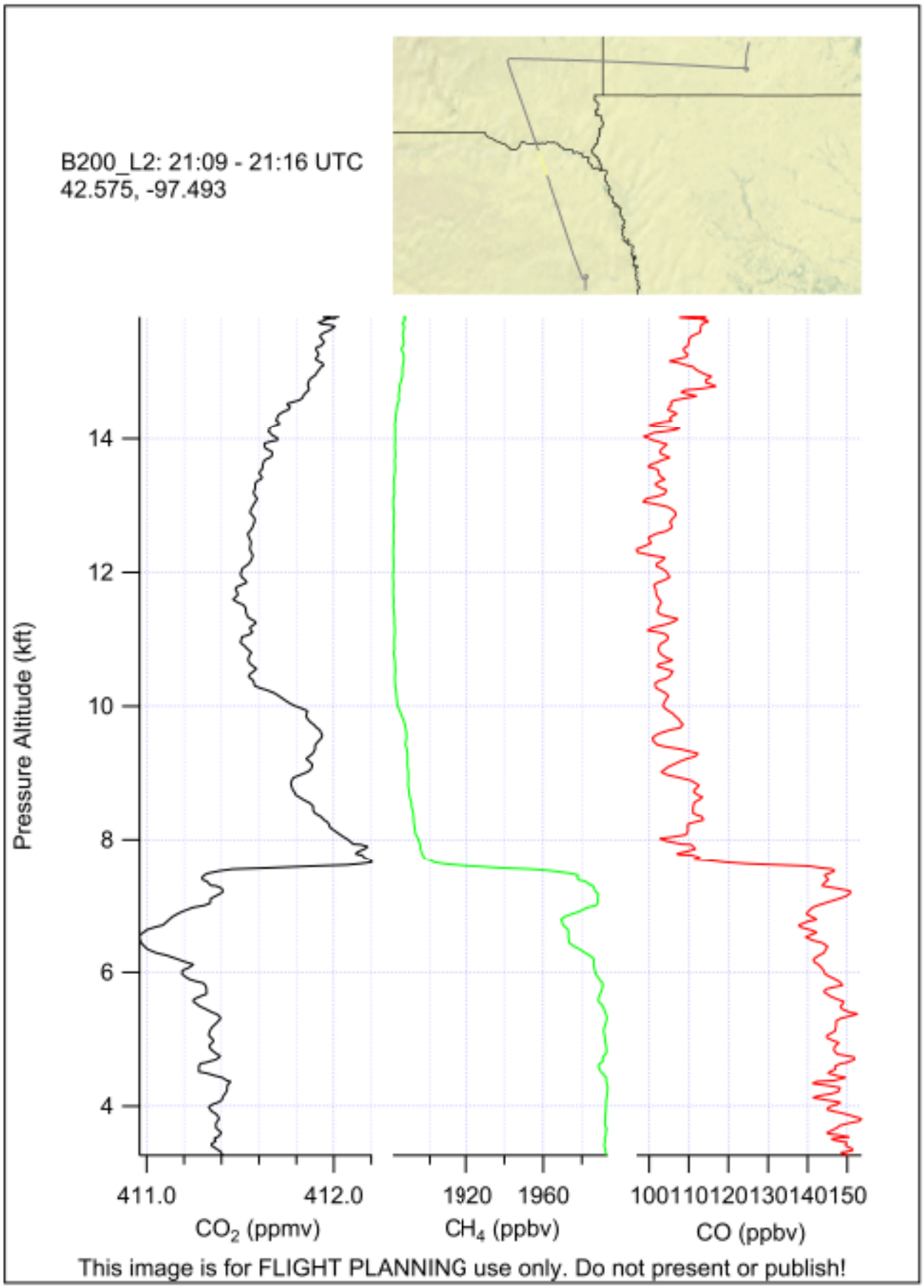

B200_L1: 17:35 - 17:39 UTC
42.962, -90.286
Pressure Altitude (kft)
7
6
5
4
3
412.0
413.0
414.0
CO2 (ppmv)
1900
2000
CH4 (ppbv)
100
120
140
160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

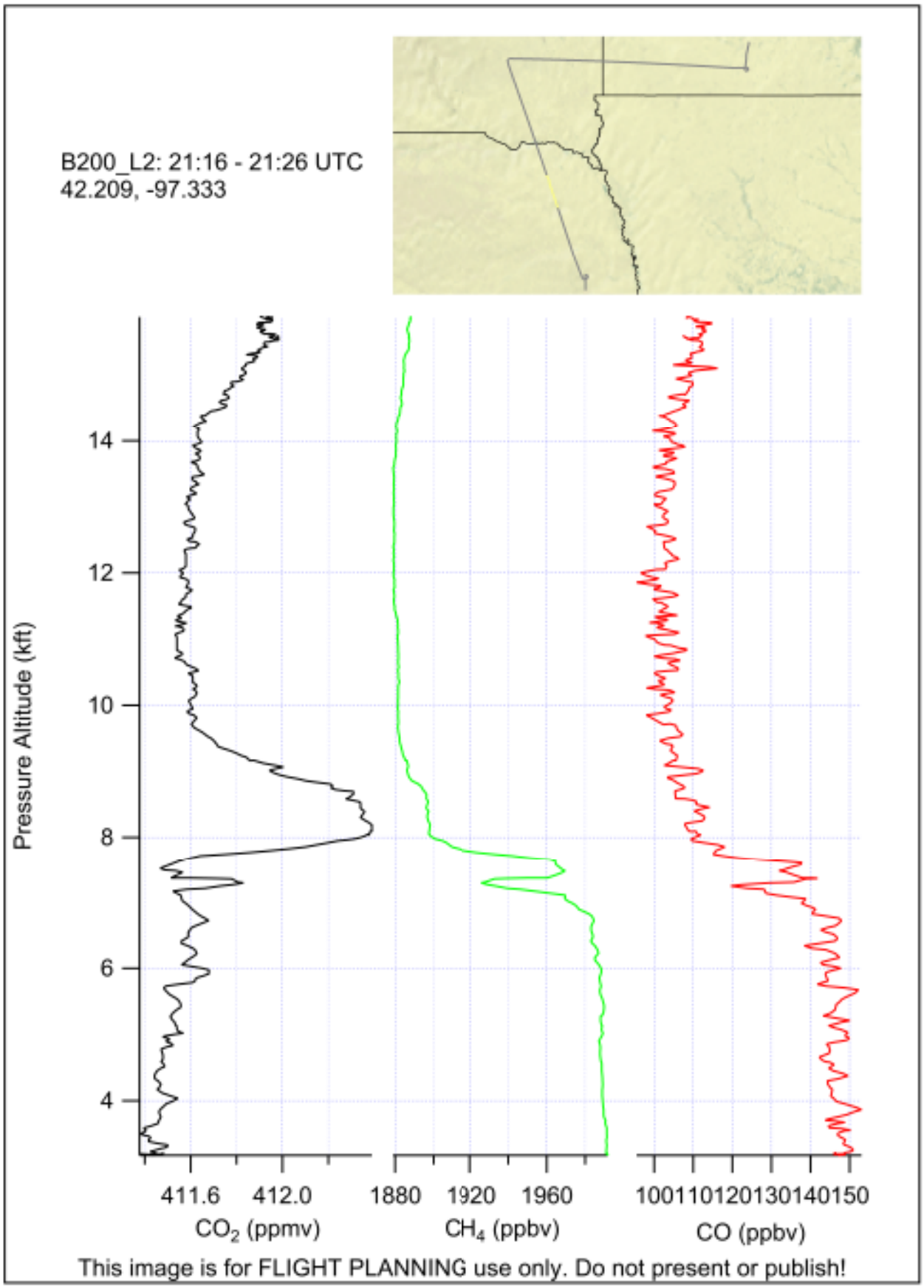

B200_L1: 17:45 - 17:49 UTC
43.505, -89.848
Pressure Altitude (kft)
7
6
5
4
3
411 412 413 414
CO2 (ppmv)
1920 1960
CH4 (ppbv)
100 120 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

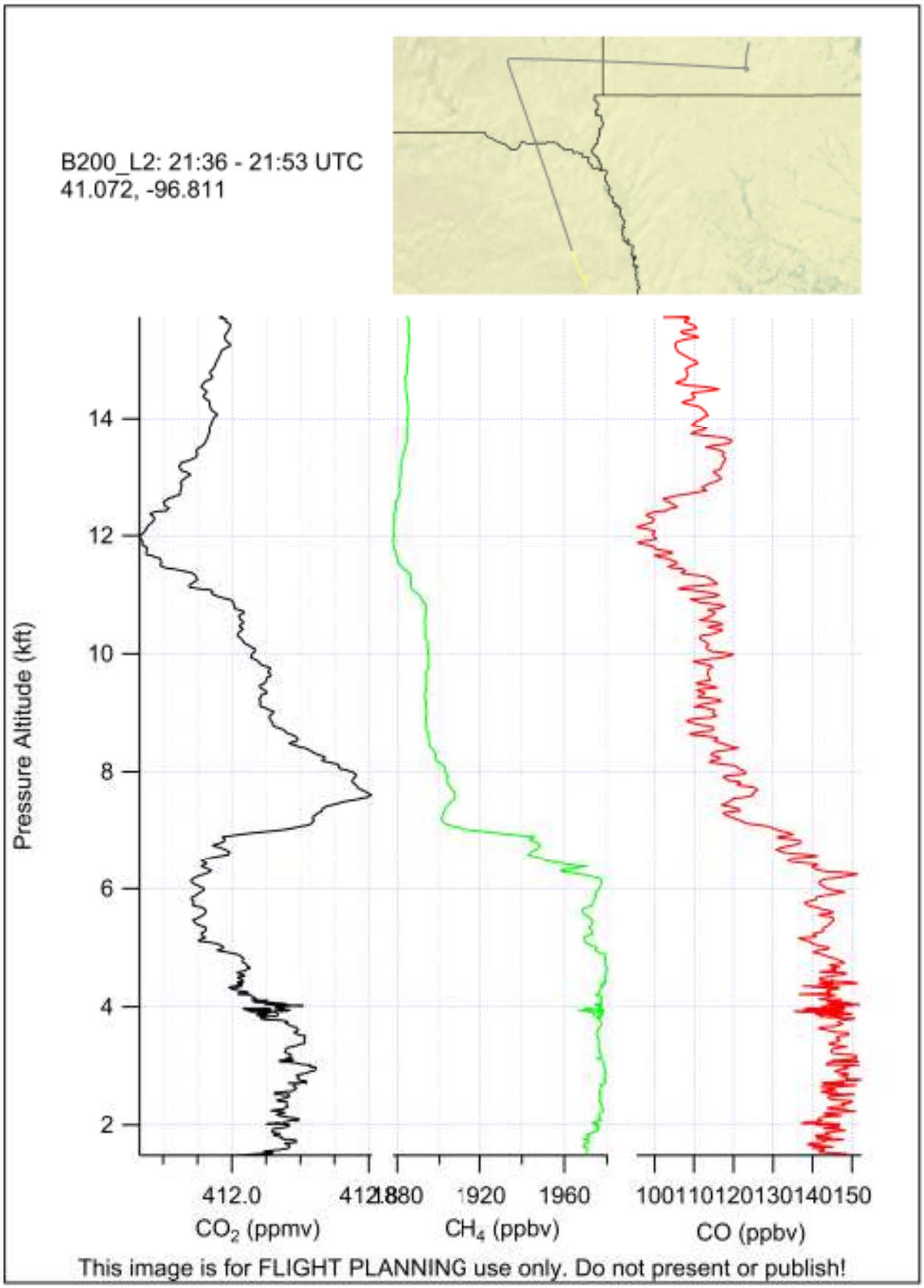

B200_L2: 19:34 - 19:41 UTC
44.099, -93.938
Pressure Altitude (kft)
10
8
6
4
2
412.5
415.0
CO2 (ppmv)
1920
1960
CH4 (ppbv)
110120130140150160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

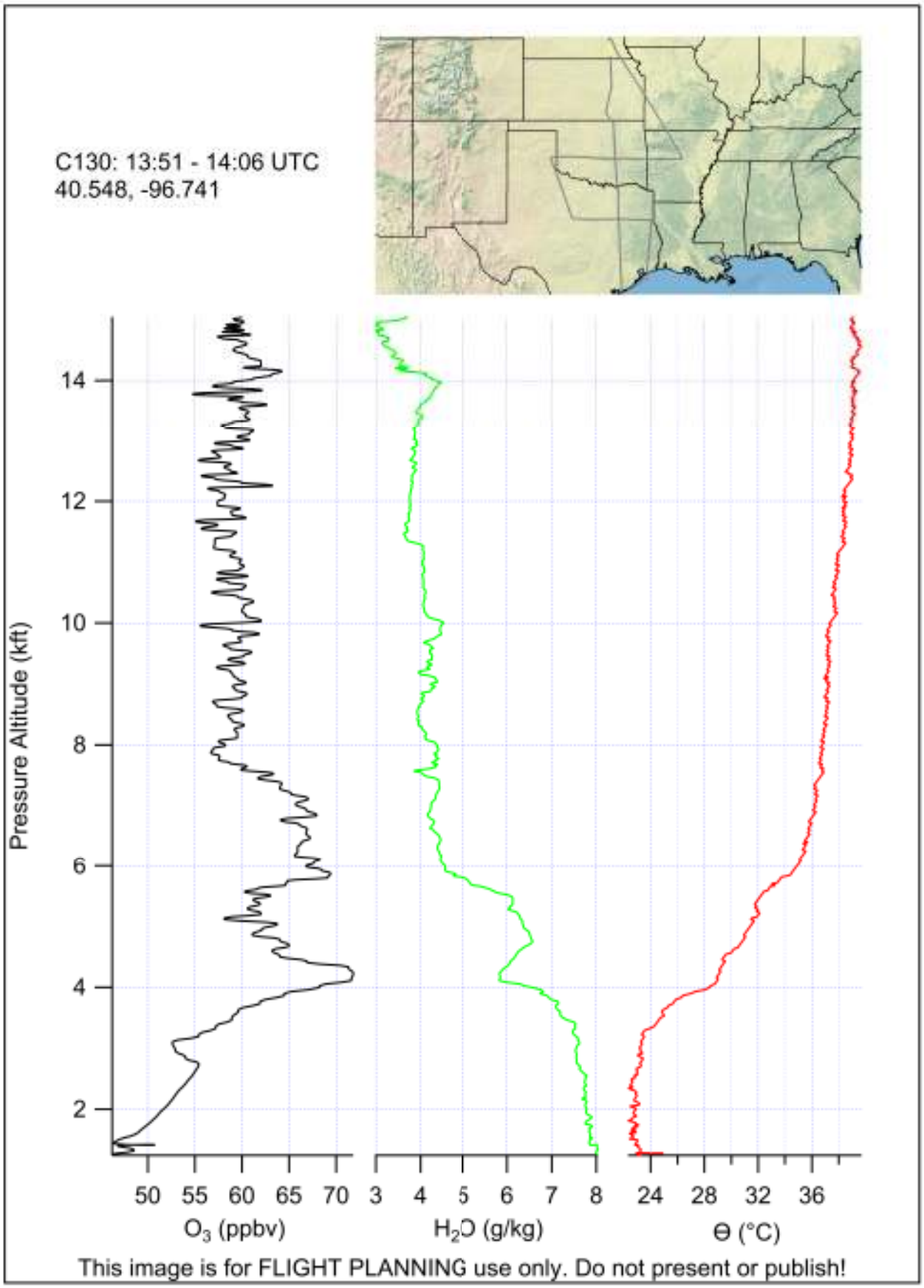

B200_L2: 19:41 - 19:46 UTC
43.879, -93.964
Pressure Altitude (kft)
10
8
6
4
413.0
414.0
CO2 (ppmv)
1920
1960
CH4 (ppbv)
110120130140150160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

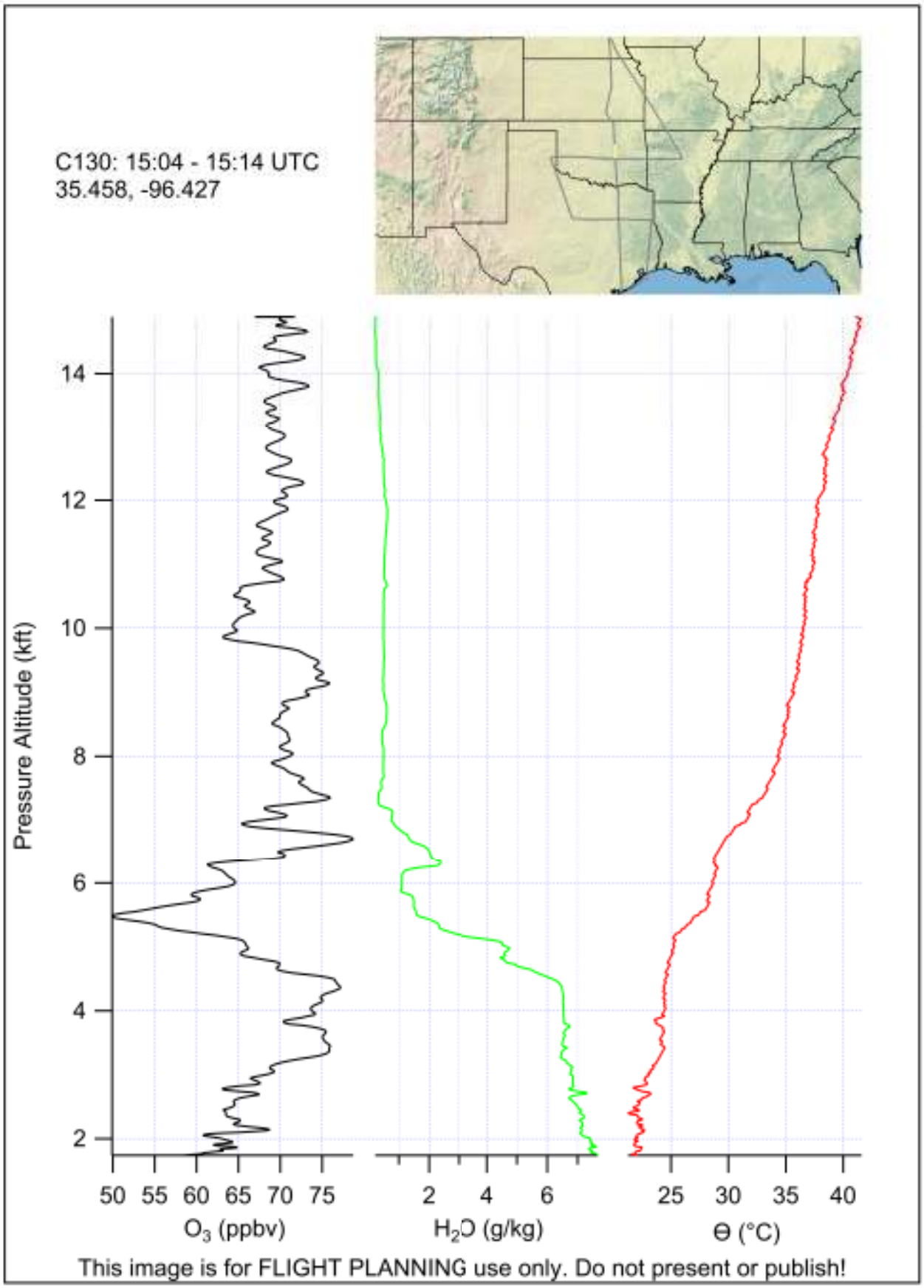

B200_L2: 20:45 - 20:54 UTC
43.818, -98.04
Pressure Altitude (kft)
14
12
10
8
6
4
412.0412.5413.0413.5
CO2 (ppmv)
1920 1960
CH4 (ppbv)
100110120130140150
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

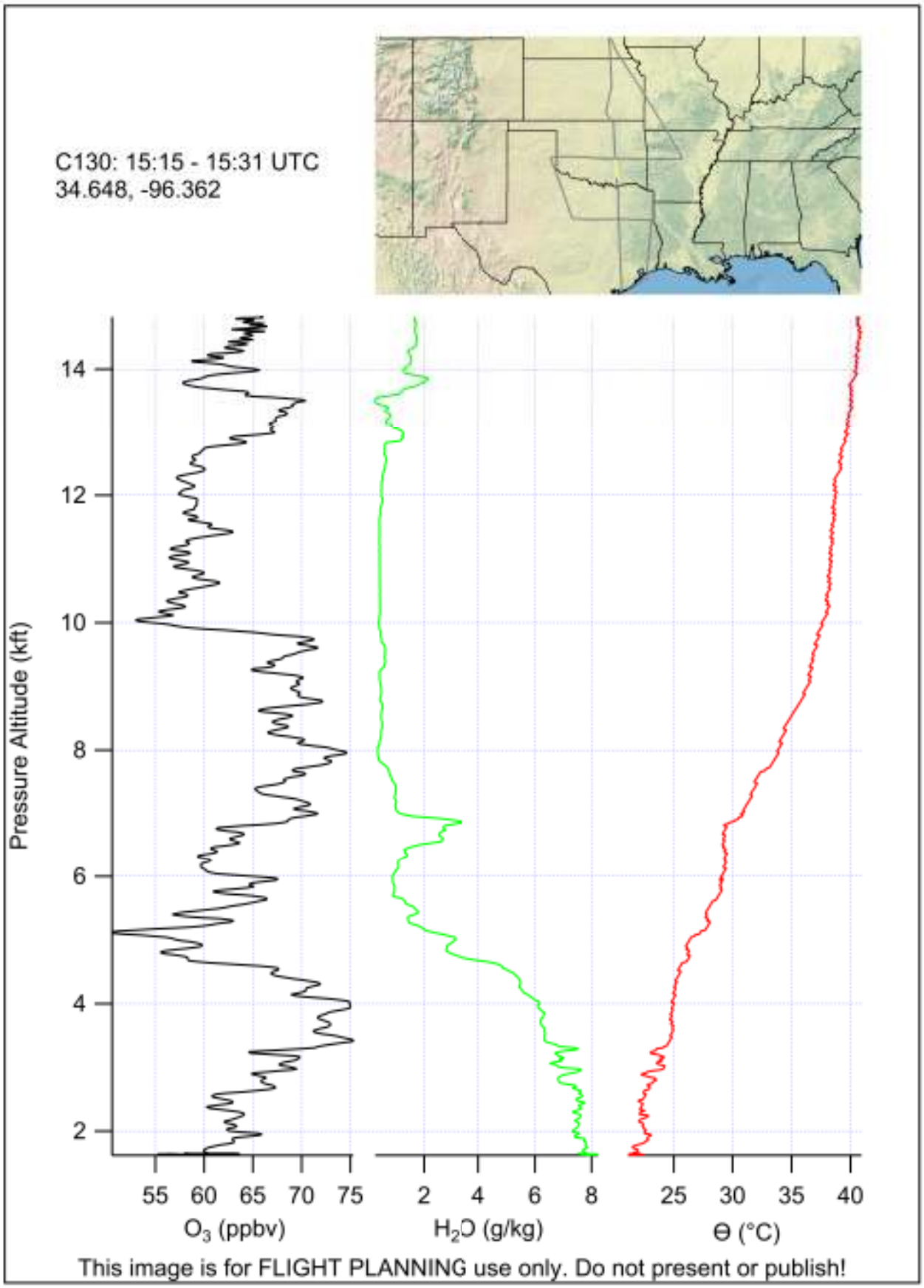

B200_L2: 21:09 - 21:16 UTC
42.575, -97.493
Pressure Altitude (kft)
14
12
10
8
6
4
411.0
412.0
CO2 (ppmv)
1920
1960
CH4 (ppbv)
100110120130140150
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

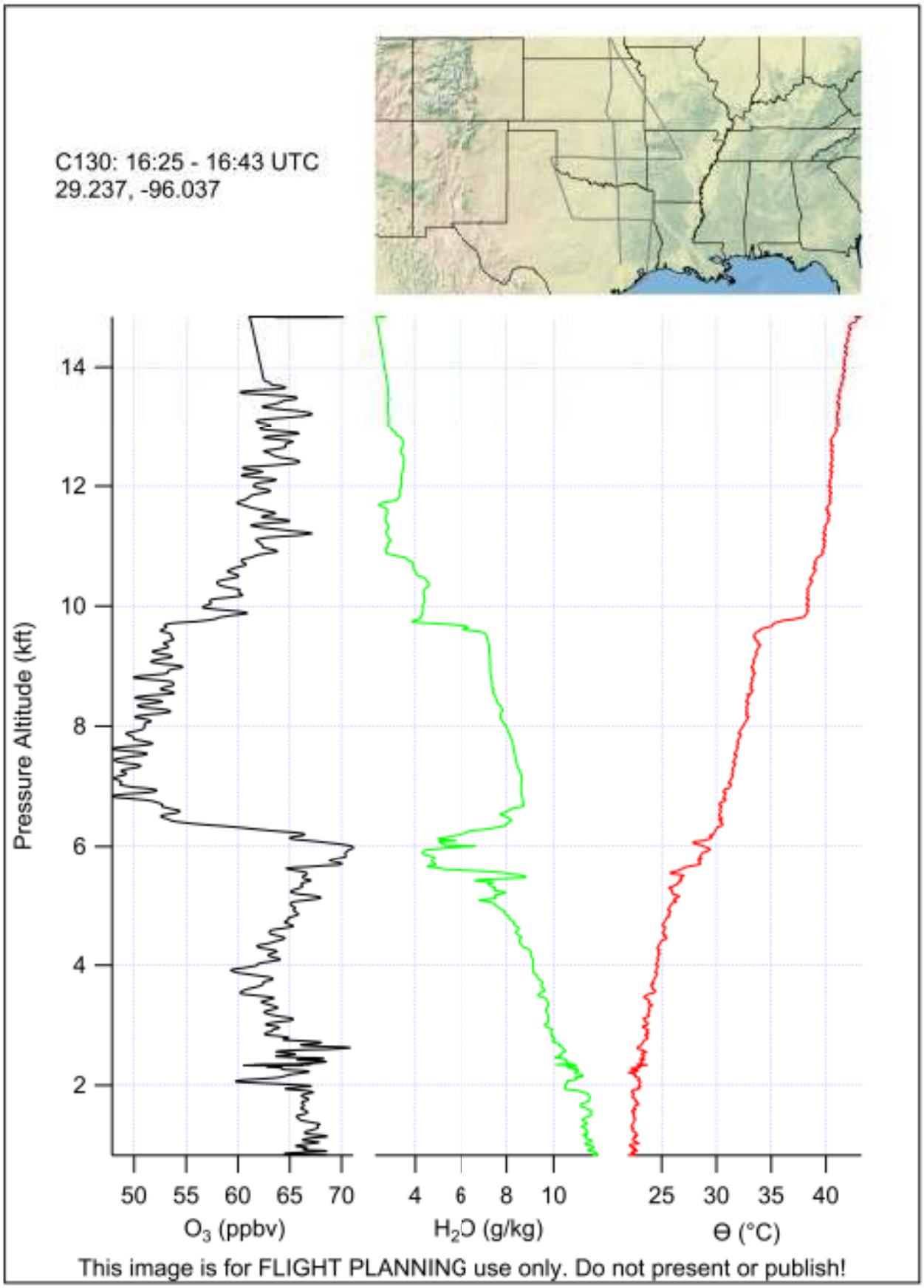

B200_L2: 21:16 - 21:26 UTC
42.209, -97.333
Pressure Altitude (kft)
14
12
10
8
6
4
411.6
412.0
CO2 (ppmv)
1880
1920
1960
CH4 (ppbv)
100110120130140150
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

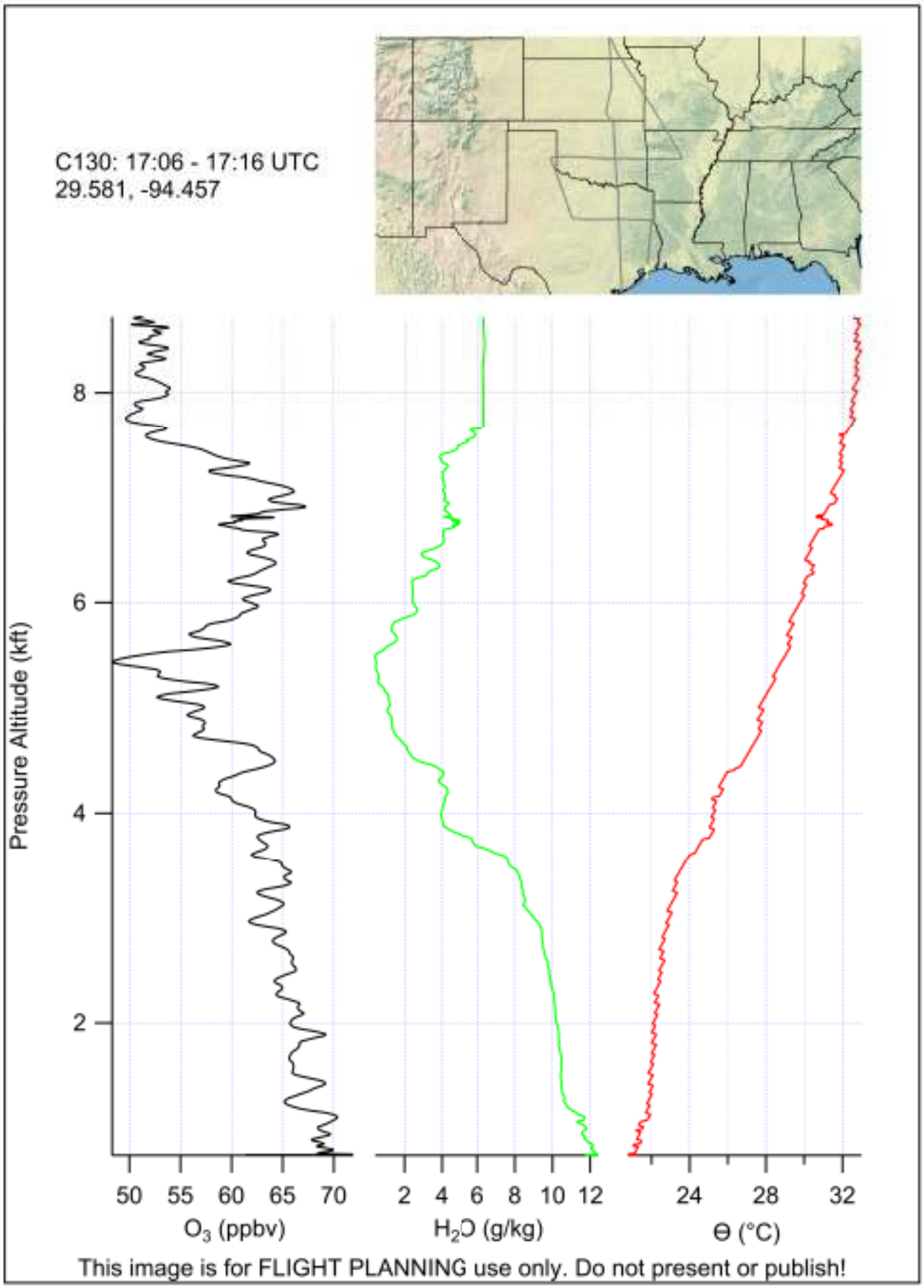

B200_L2: 21:36 - 21:53 UTC
41.072, -96.811
Pressure Altitude (kft)
14
12
10
8
6
4
2
412.0
412.8
CO2 (ppmv)
1880
1920
1960
CH4 (ppbv)
100110120130140150
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

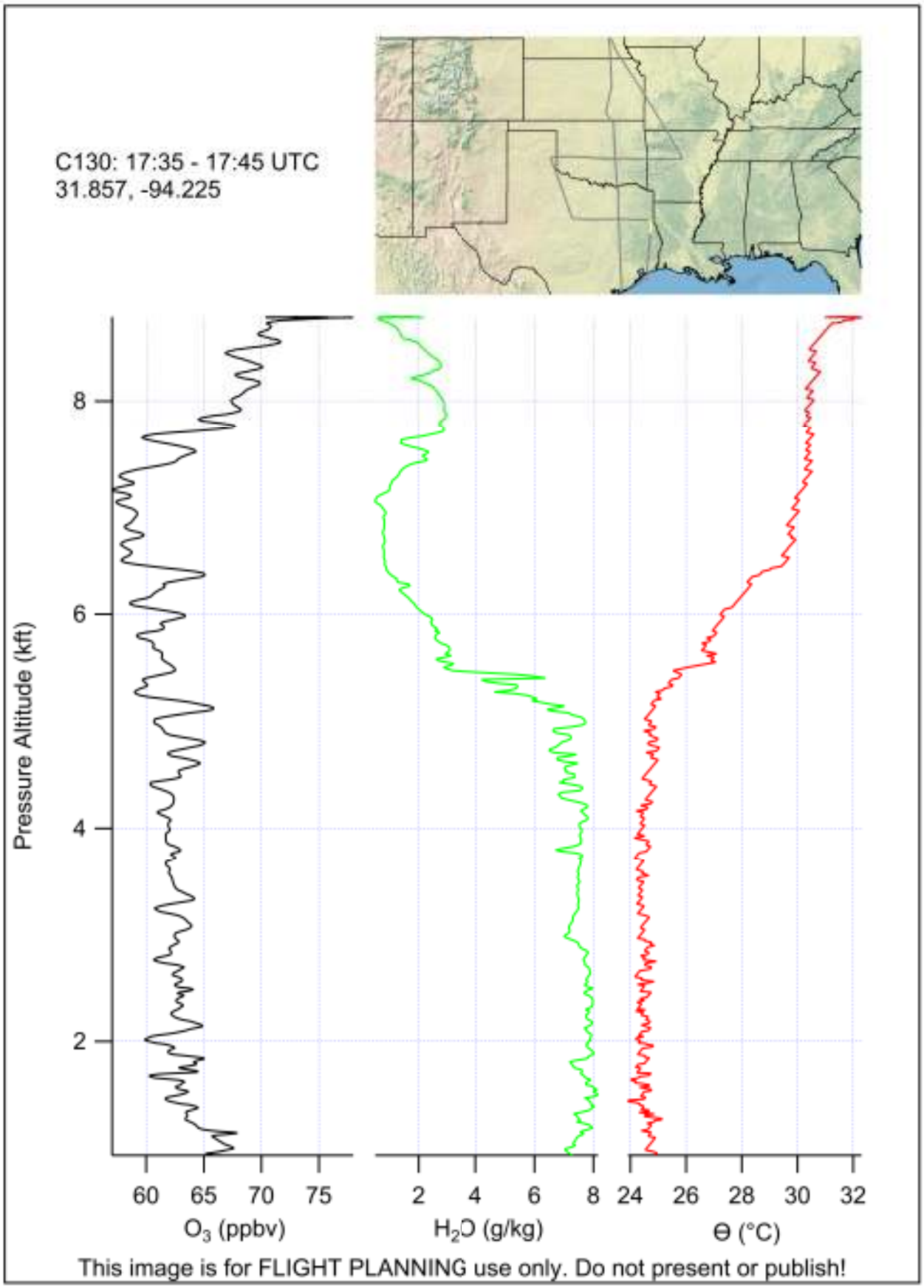

C130: 13:51 - 14:06 UTC
40.548, -96.741
Pressure Altitude (kft)
14
12
10
8
6
4
2
50 55 60 65 70
O3 (ppbv)
3 4 5 6 7 8
H2O (g/kg)
24 28 32 36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

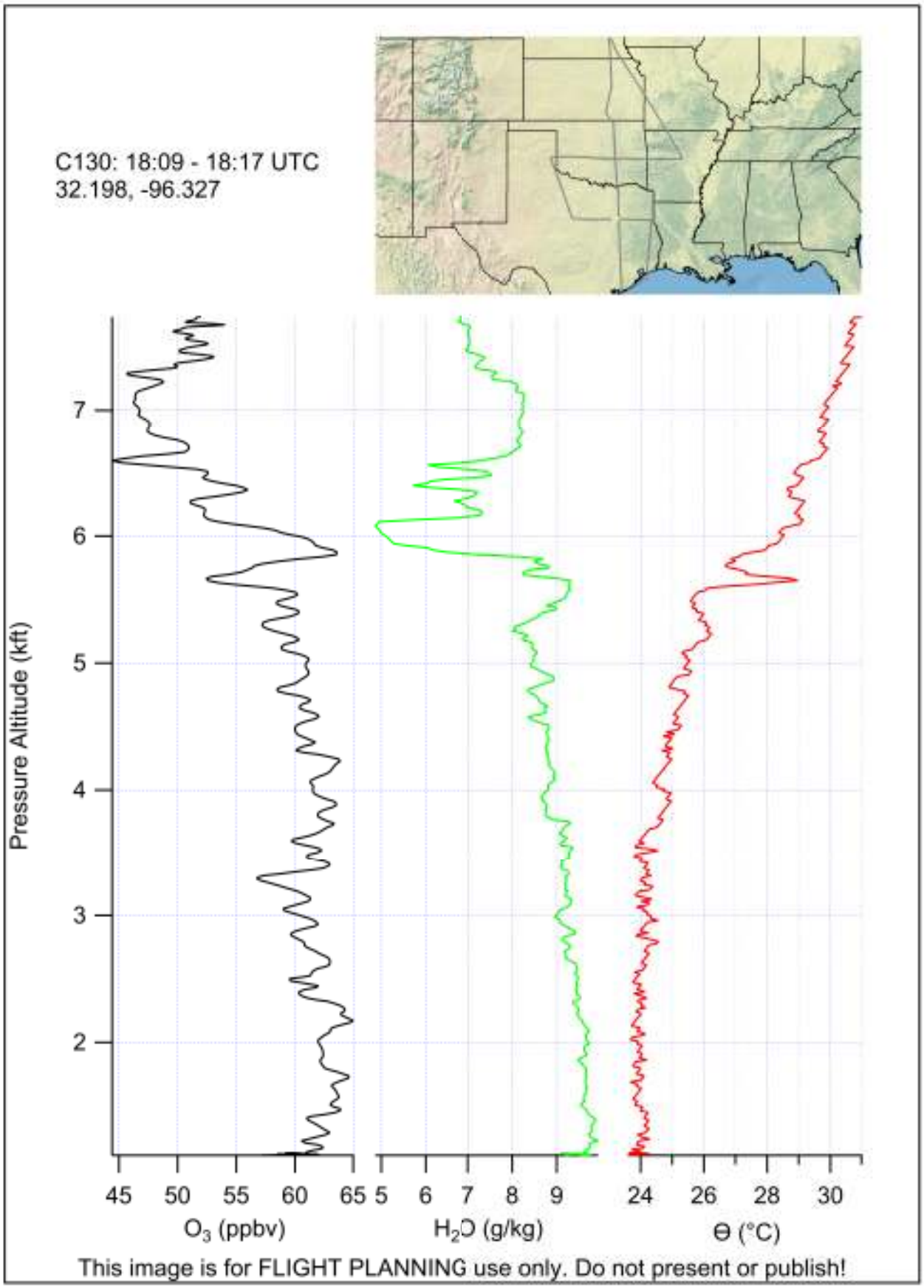

C130: 15:04 - 15:14 UTC
35.458, -96.427
Pressure Altitude (kft)
14
12
10
8
6
4
2
50 55 60 65 70 75
O3 (ppbv)
2 4 6
H2O (g/kg)
25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

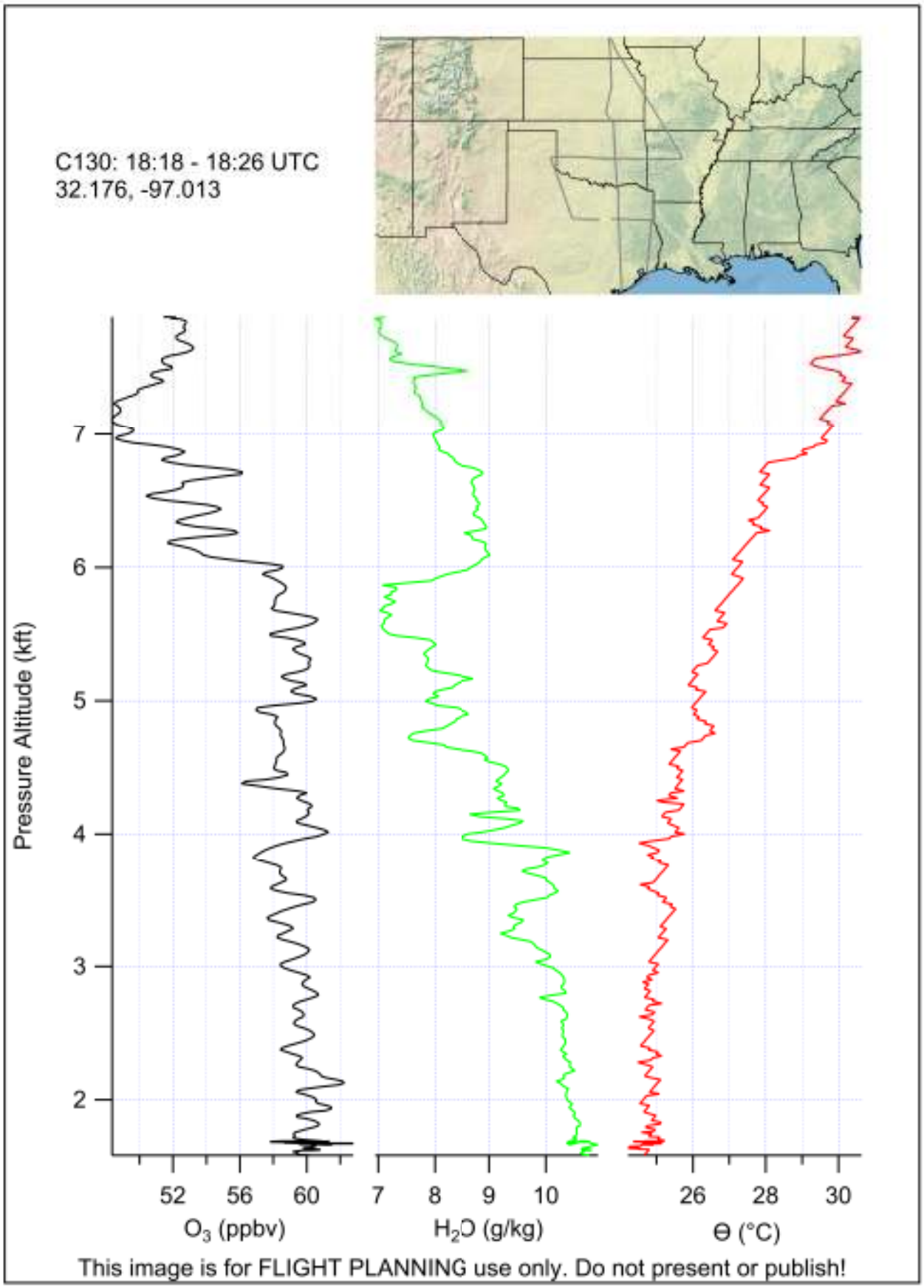

C130: 15:15 - 15:31 UTC
34.648, -96.362
Pressure Altitude (kft)
14
12
10
8
6
4
2
55 60 65 70 75
O3 (ppbv)
2 4 6 8
H2O (g/kg)
25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

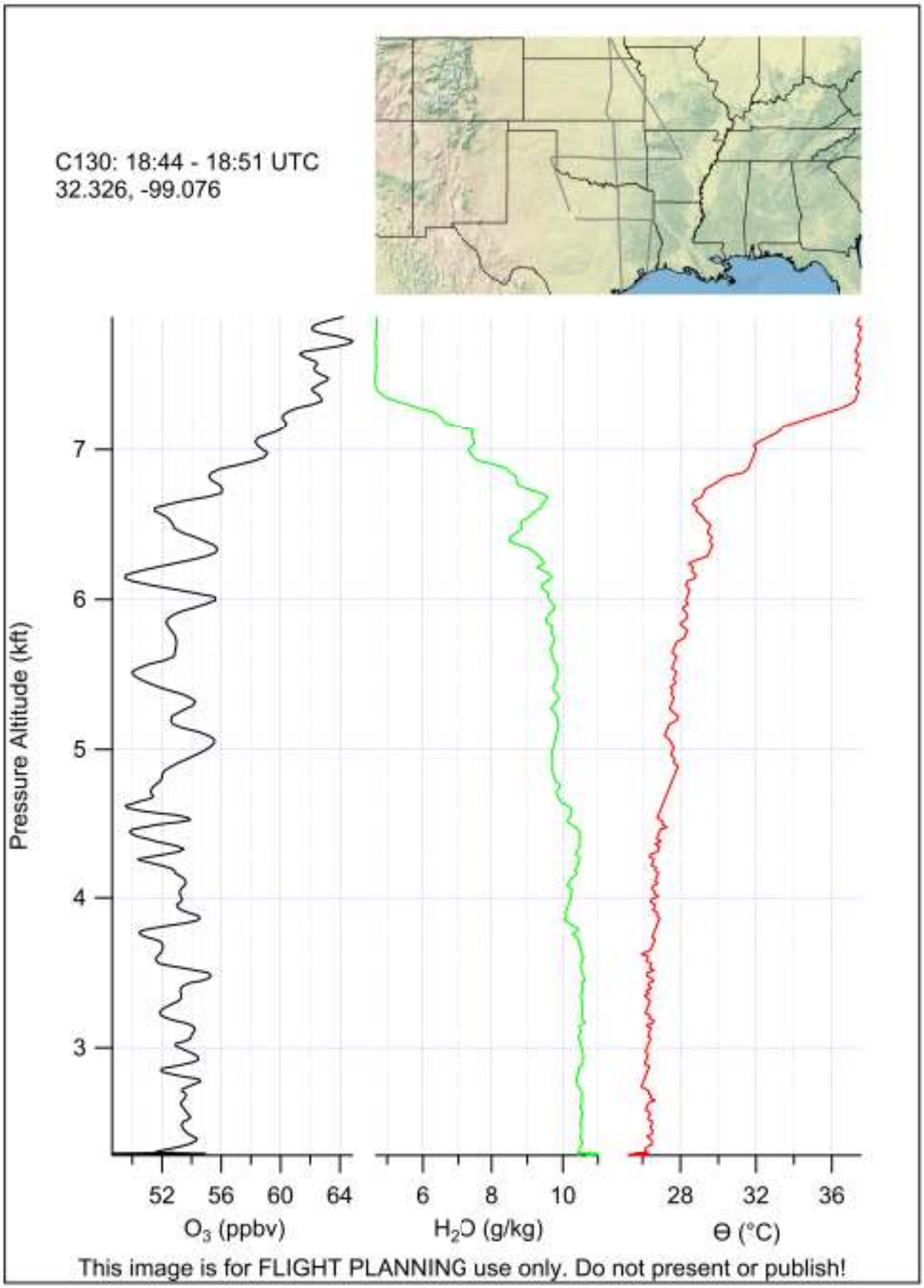

C130: 16:25 - 16:43 UTC
29.237, -96.037
Pressure Altitude (kft)
14
12
10
8
6
4
2
50 55 60 65 70
O3 (ppbv)
4 6 8 10
H2O (g/kg)
25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

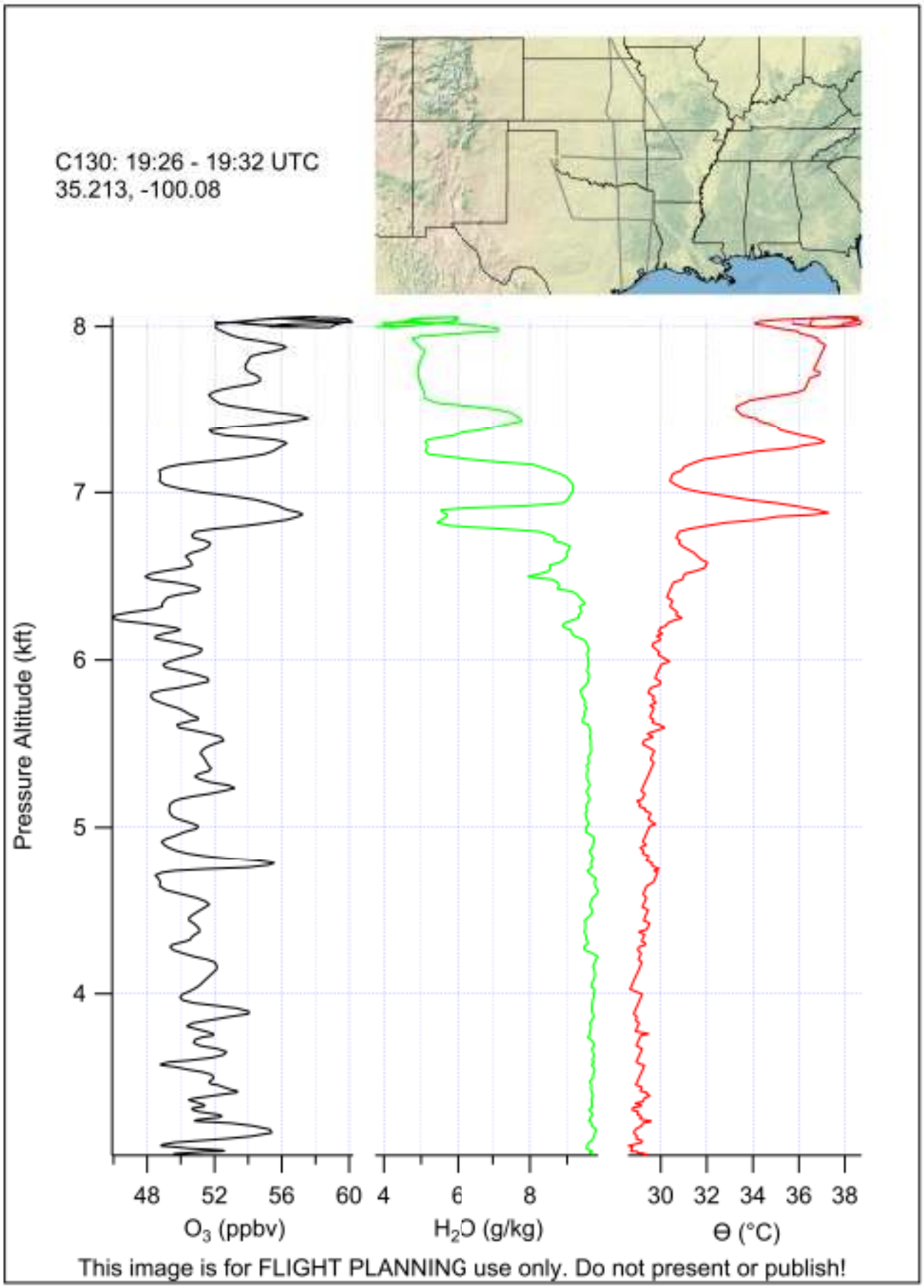

C130: 17:06 - 17:16 UTC
29.581, -94.457
Pressure Altitude (kft)
8
6
4
2
50 55 60 65 70
O3 (ppbv)
2 4 6 8 10 12
H2O (g/kg)
24 28 32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

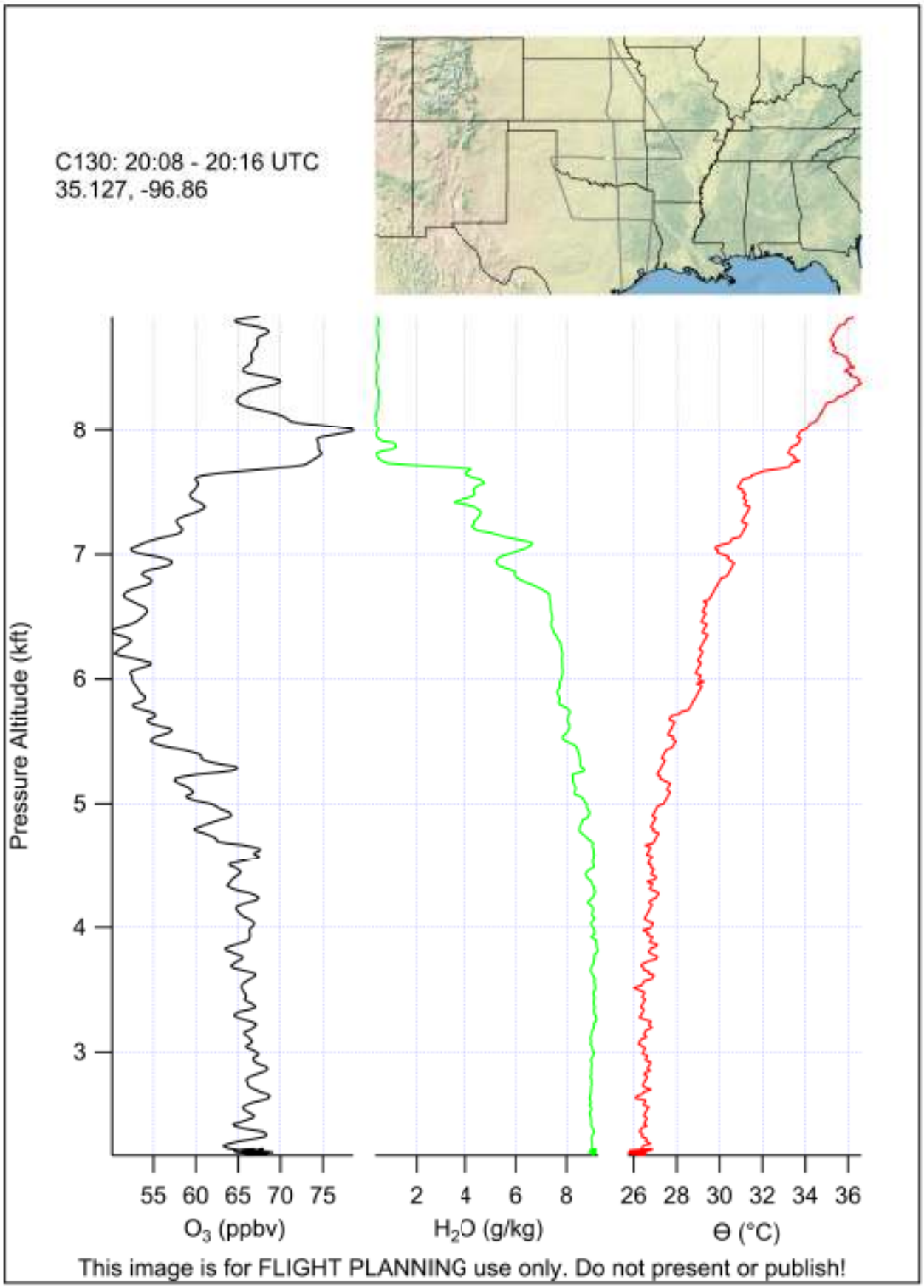

C130: 17:35 - 17:45 UTC
31.857, -94.225
Pressure Altitude (kft)
8
6
4
2
60
65
70
75
O3 (ppbv)
2
4
6
8
H2O (g/kg)
24
26
28
30
32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

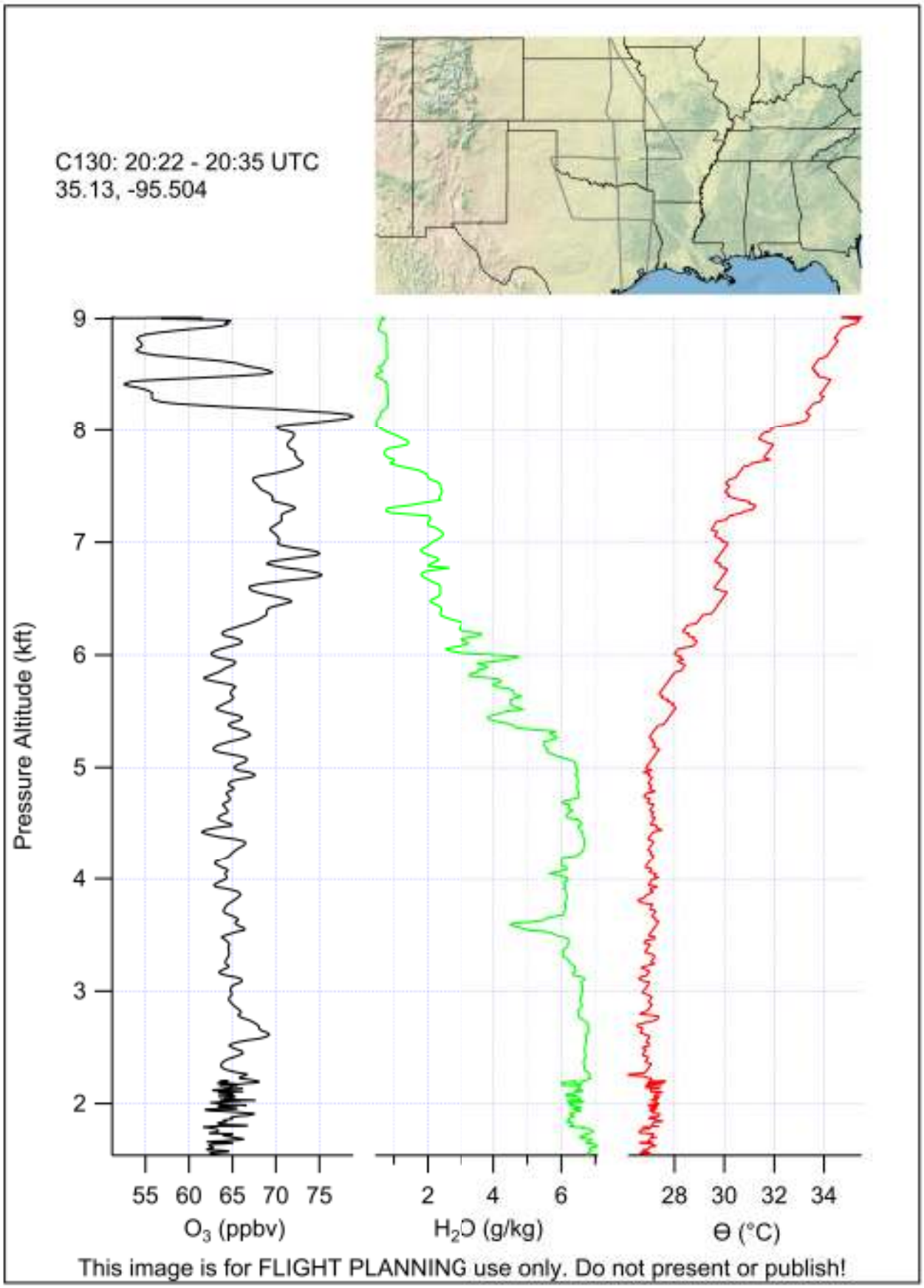

C130: 18:09 - 18:17 UTC
32.198, -96.327
Pressure Altitude (kft)
7
6
5
4
3
2
45 50 55 60 65
O3 (ppbv)
5 6 7 8 9
H2O (g/kg)
24 26 28 30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

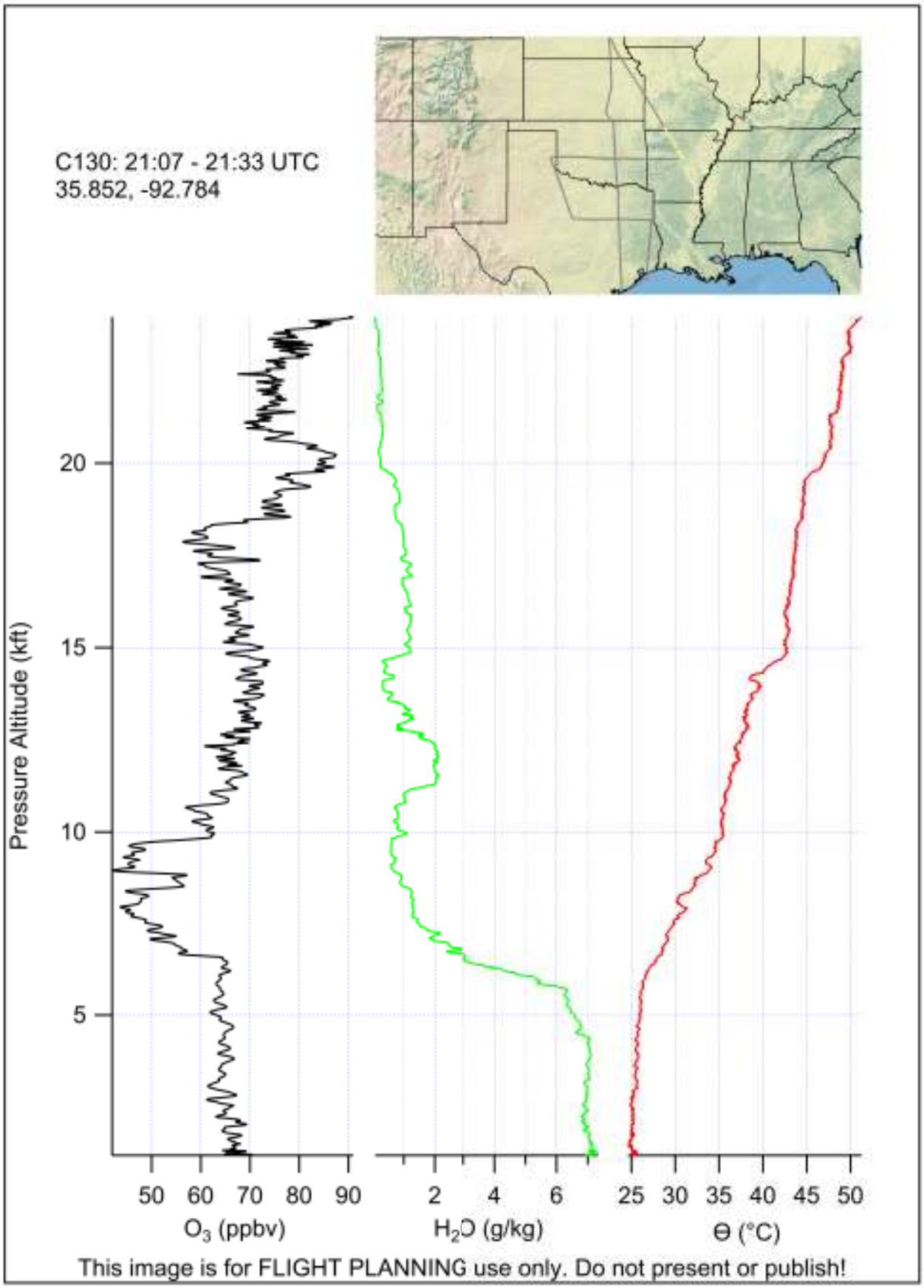

C130: 18:18 - 18:26 UTC
32.176, -97.013
Pressure Altitude (kft)
7
6
5
4
3
2
52
56
60
O3 (ppbv)
7
8
9
10
H2O (g/kg)
26
28
30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

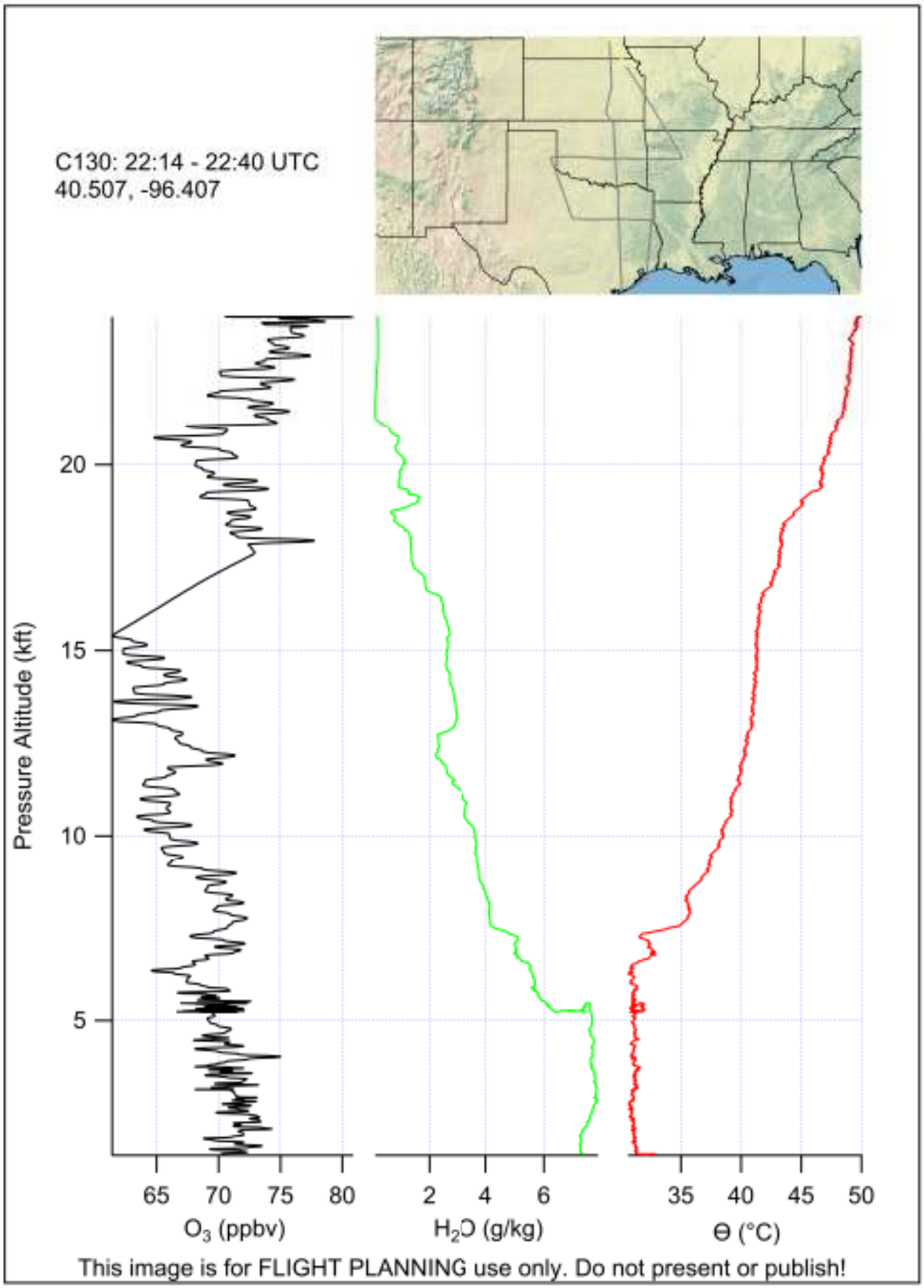

C130: 18:44 - 18:51 UTC
32.326, -99.076
Pressure Altitude (kft)
7
6
5
4
3
52
56
60
64
O3 (ppbv)
6
8
10
H2O (g/kg)
28
32
36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

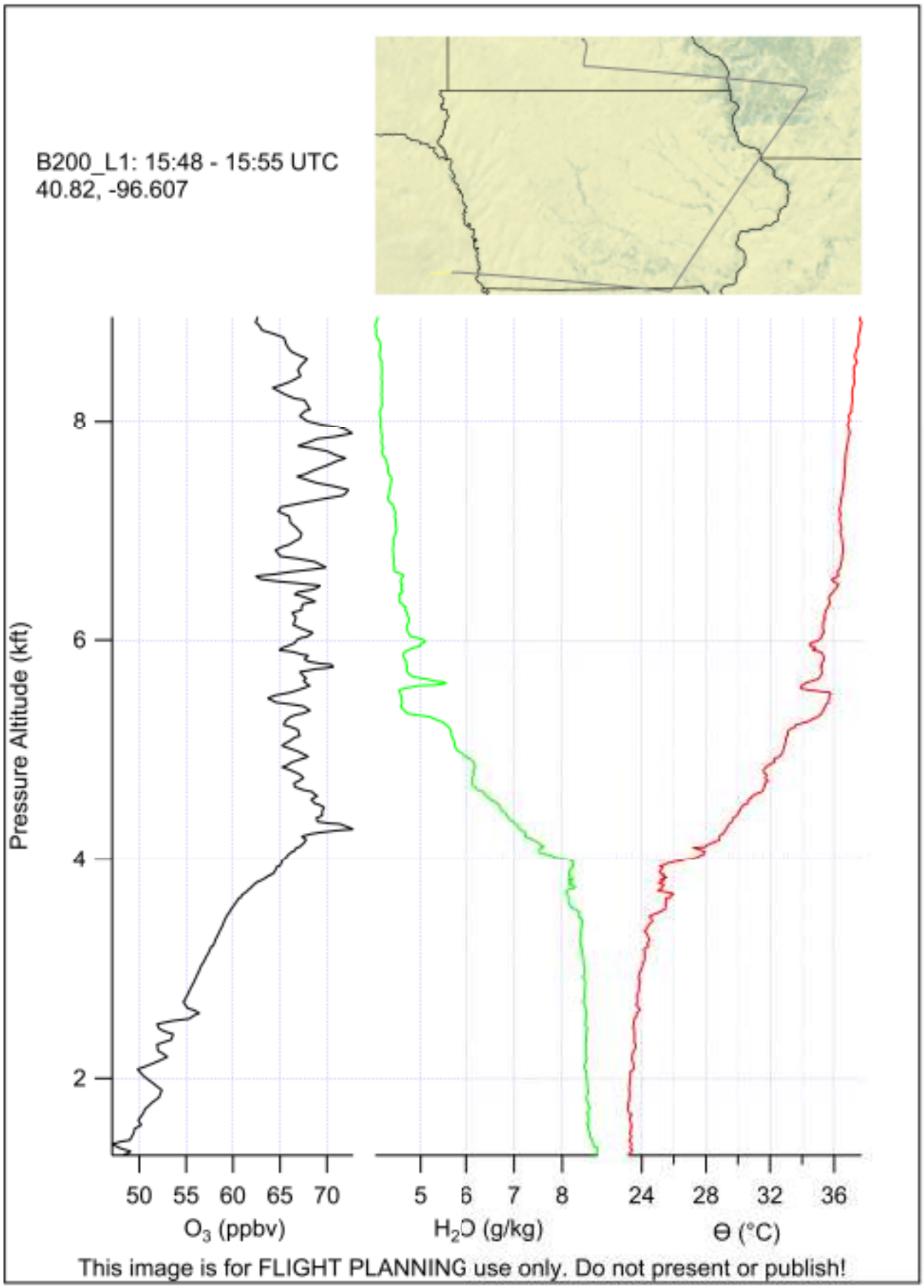

C130: 19:26 - 19:32 UTC
35.213, -100.08
Pressure Altitude (kft)
8
7
6
5
4
48
52
56
60
O3 (ppbv)
4
6
8
H2O (g/kg)
30
32
34
36
38
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

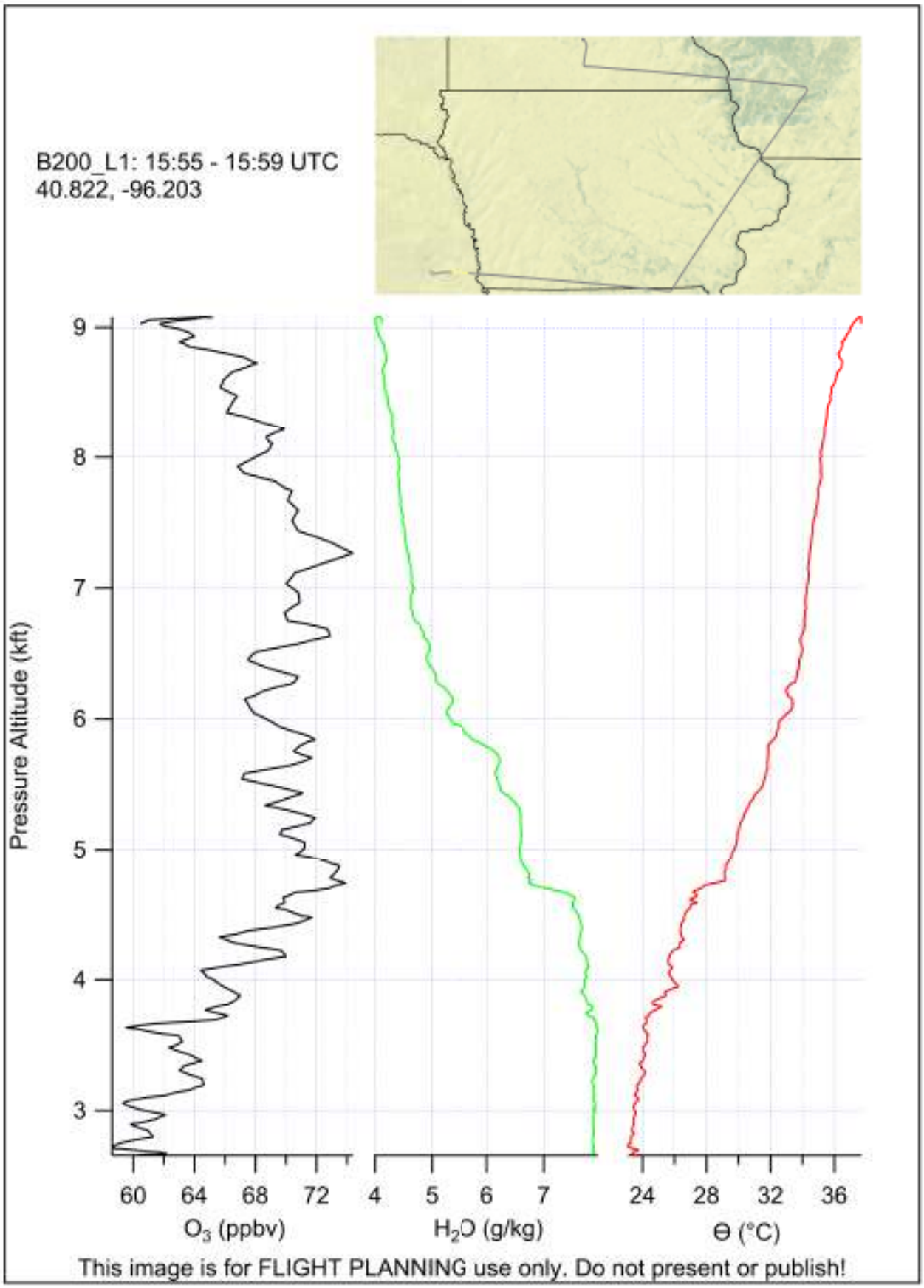

C130: 20:08 - 20:16 UTC
35.127, -96.86
Pressure Altitude (kft)
8
7
6
5
4
3
55 60 65 70 75
O3 (ppbv)
2 4 6 8
H2O (g/kg)
26 28 30 32 34 36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

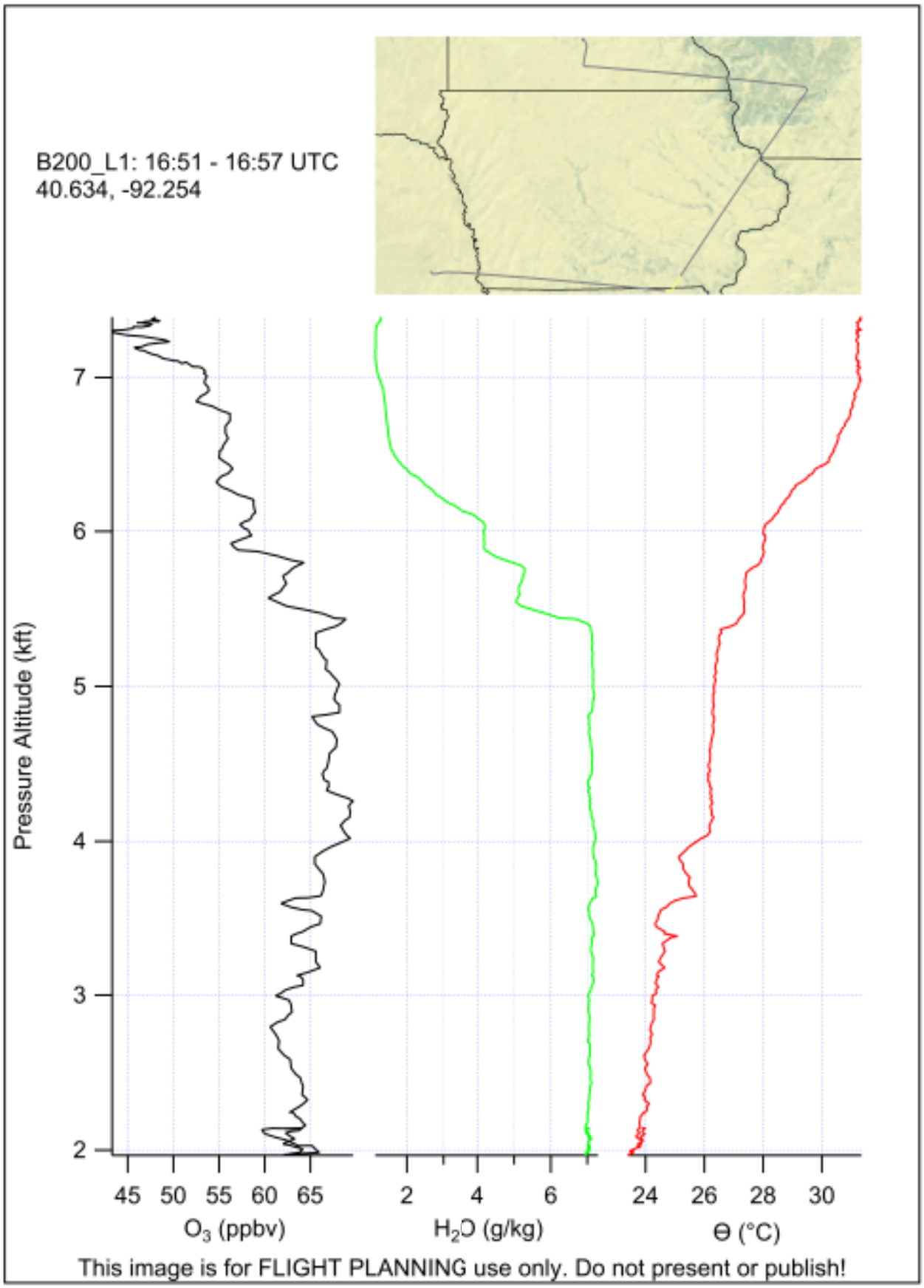

C130: 20:22 - 20:35 UTC
35.13, -95.504
Pressure Altitude (kft)
9
8
7
6
5
4
3
2
55 60 65 70 75
O3 (ppbv)
2 4 6
H2O (g/kg)
28 30 32 34
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

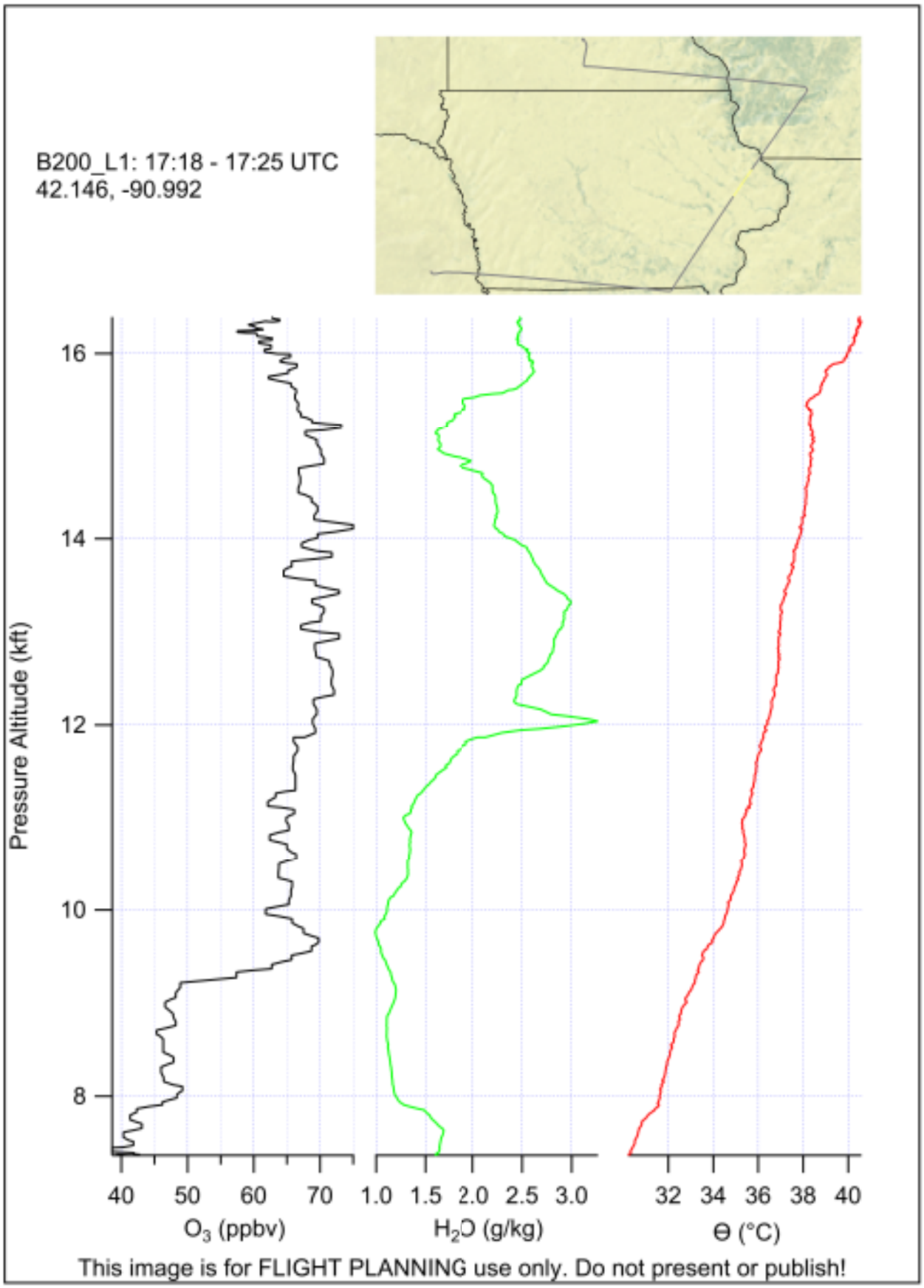

C130: 21:07 - 21:33 UTC
35.852, -92.784
Pressure Altitude (kft)
20
15
10
5
50 60 70 80 90
O3 (ppbv)
2 4 6
H2O (g/kg)
25 30 35 40 45 50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

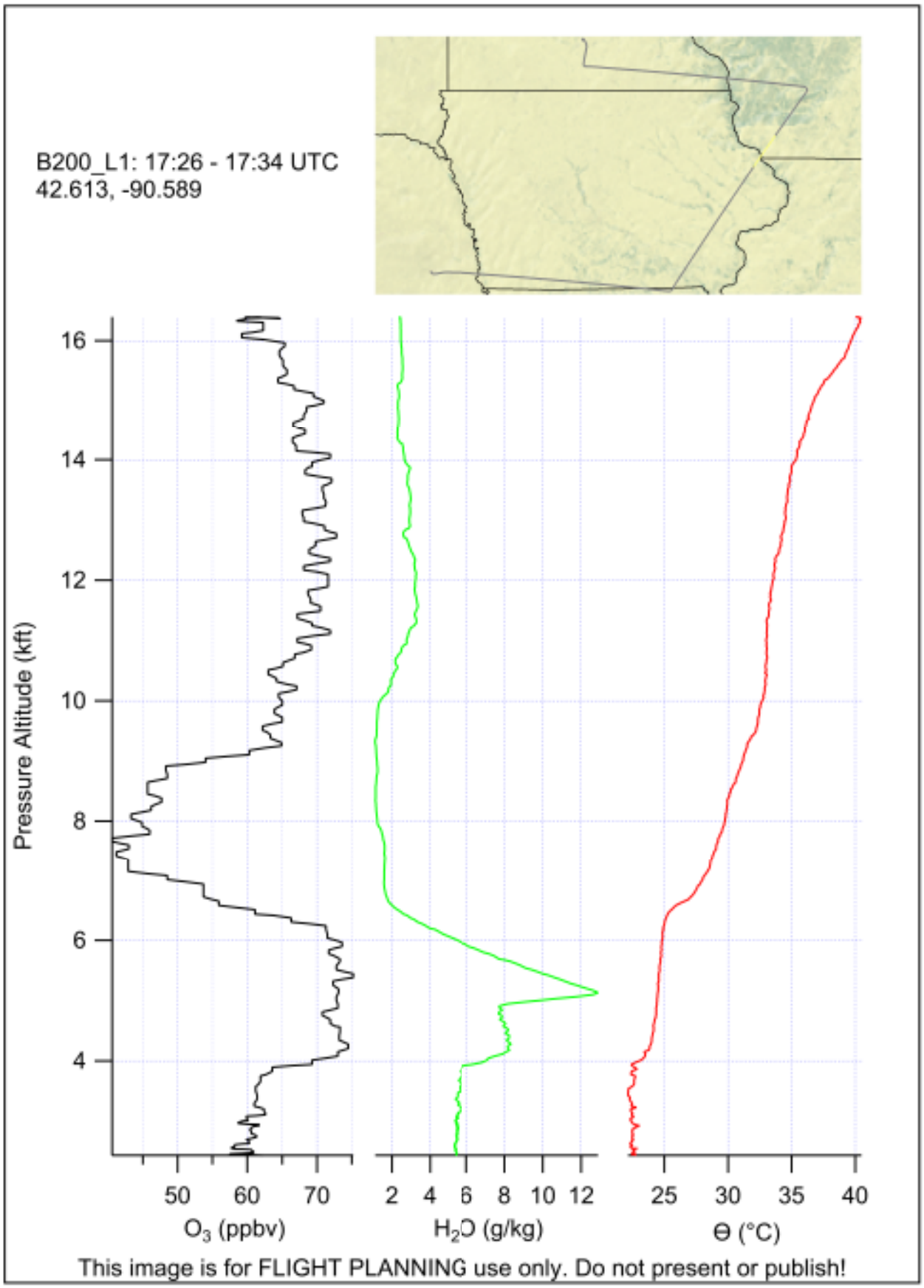

C130: 22:14 - 22:40 UTC
40.507, -96.407
Pressure Altitude (kft)
20
15
10
5
65
70
75
80
O3 (ppbv)
2
4
6
H2O (g/kg)
35
40
45
50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

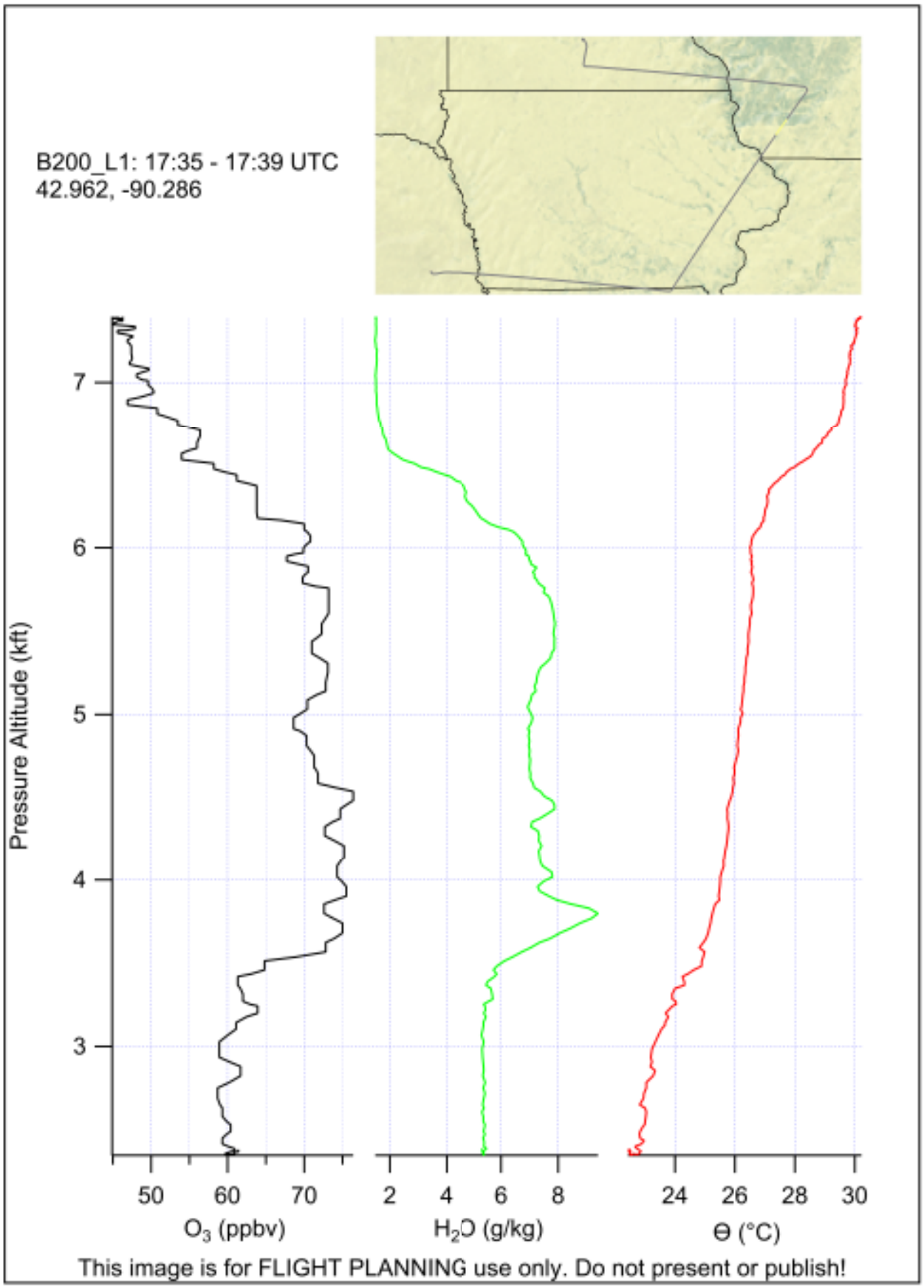

B200_L1: 15:48 - 15:55 UTC
40.82, -96.607
Pressure Altitude (kft)
8
6
4
2
50 55 60 65 70
O3 (ppbv)
5 6 7 8
H2O (g/kg)
24 28 32 36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

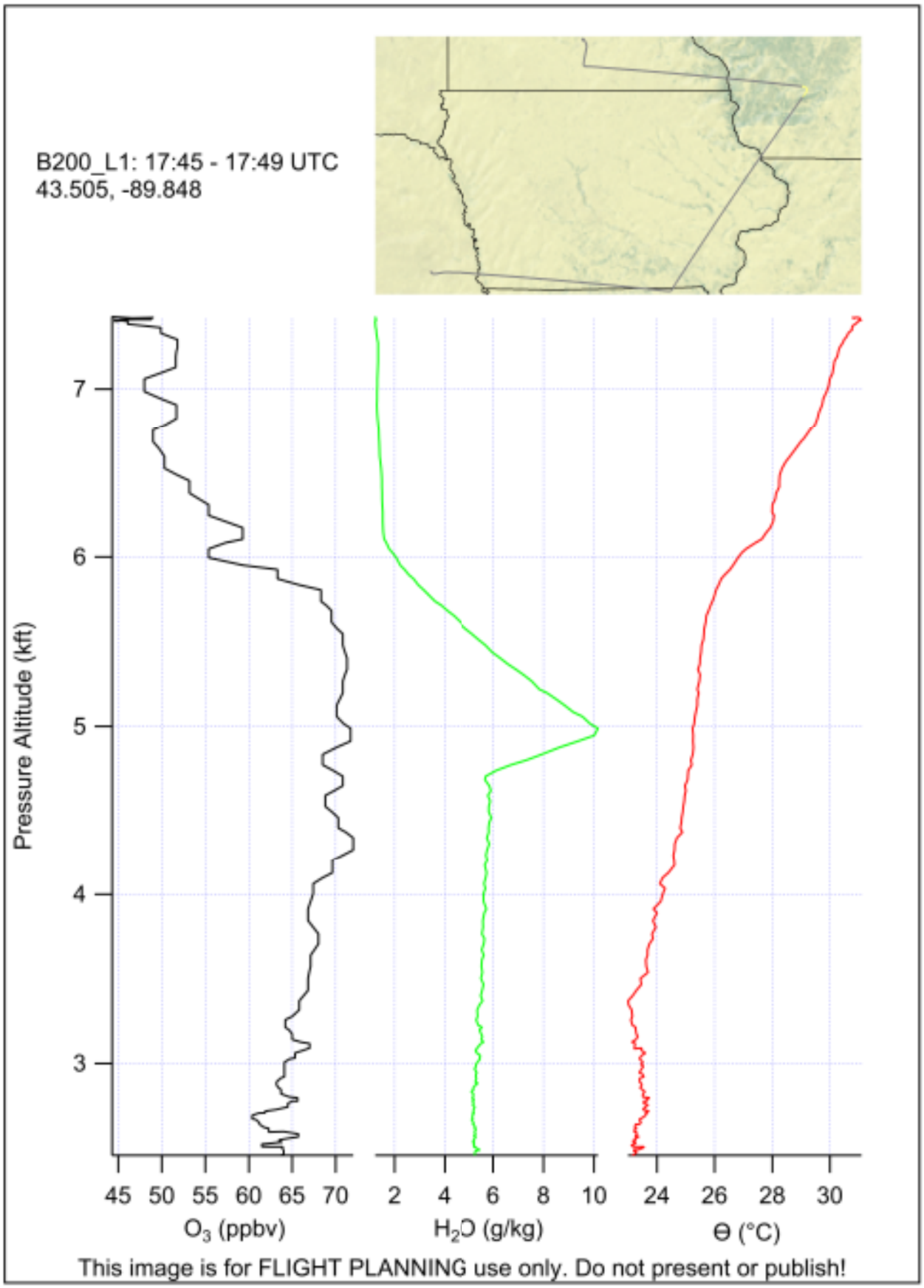

B200_L1: 15:55 - 15:59 UTC
40.822, -96.203
Pressure Altitude (kft)
9
8
7
6
5
4
3
60
64
68
72
O3 (ppbv)
4
5
6
7
H2O (g/kg)
24
28
32
36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

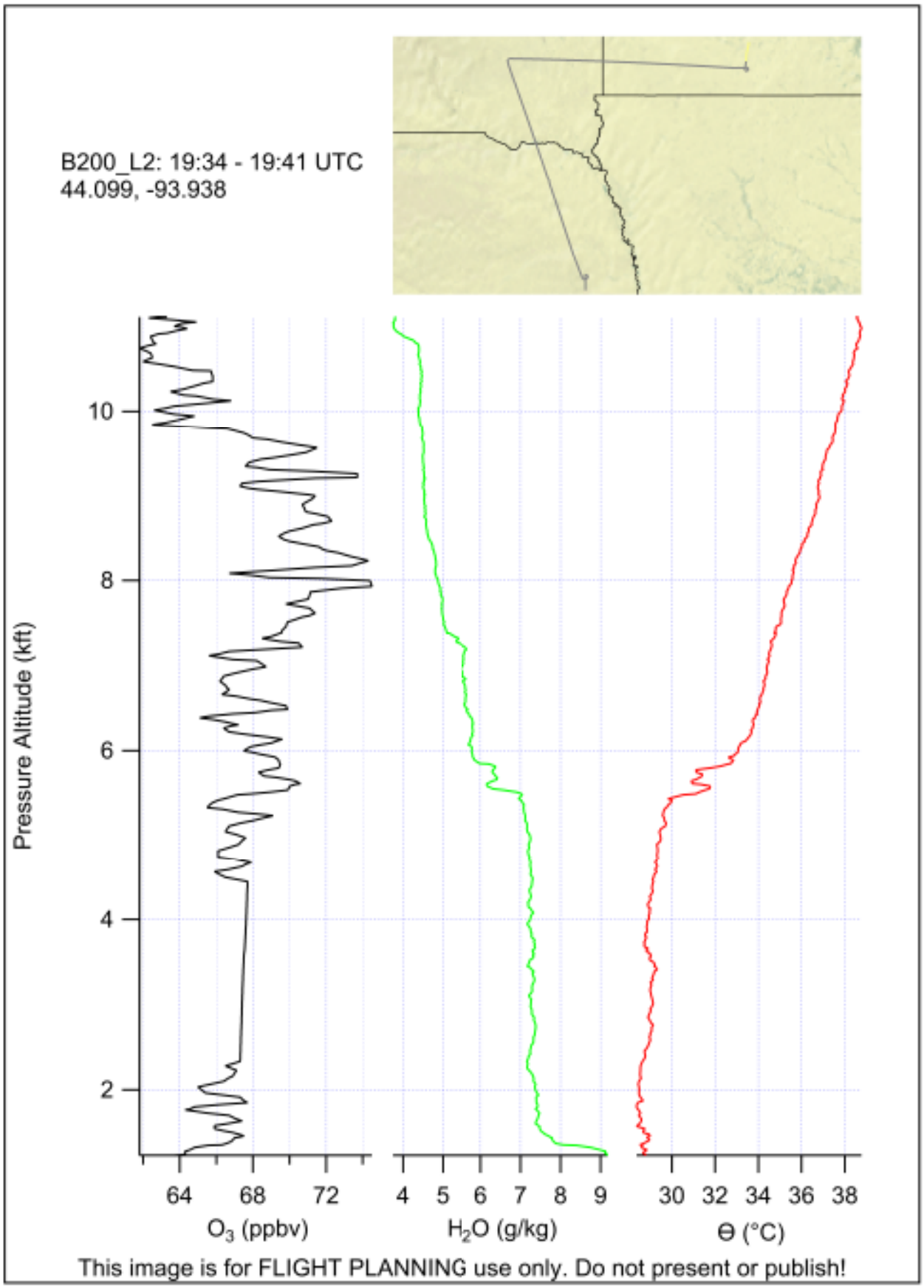

B200_L1: 16:51 - 16:57 UTC
40.634, -92.254
Pressure Altitude (kft)
7
6
5
4
3
2
45 50 55 60 65
O3 (ppbv)
2 4 6
H2O (g/kg)
24 26 28 30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 17:18 - 17:25 UTC
42.146, -90.992
Pressure Altitude (kft)
16
14
12
10
8
40 50 60 70
O3 (ppbv)
1.0 1.5 2.0 2.5 3.0
H2O (g/kg)
32 34 36 38 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 17:26 - 17:34 UTC
42.613, -90.589
Pressure Altitude (kft)
16
14
12
10
8
6
4
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_L1: 17:35 - 17:39 UTC
42.962, -90.286
Pressure Altitude (kft)
7
6
5
4
3
50
60
70
O3 (ppbv)
2
4
6
8
H2O (g/kg)
24
26
28
30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 17:45 - 17:49 UTC
43.505, -89.848
Pressure Altitude (kft)
7
6
5
4
3
45 50 55 60 65 70
O3 (ppbv)
2 4 6 8 10
H2O (g/kg)
24 26 28 30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 19:34 - 19:41 UTC
44.099, -93.938
Pressure Altitude (kft)
10
8
6
4
2
64
68
72
O3 (ppbv)
4
5
6
7
8
9
H2O (g/kg)
30
32
34
36
38
Θ (°C)
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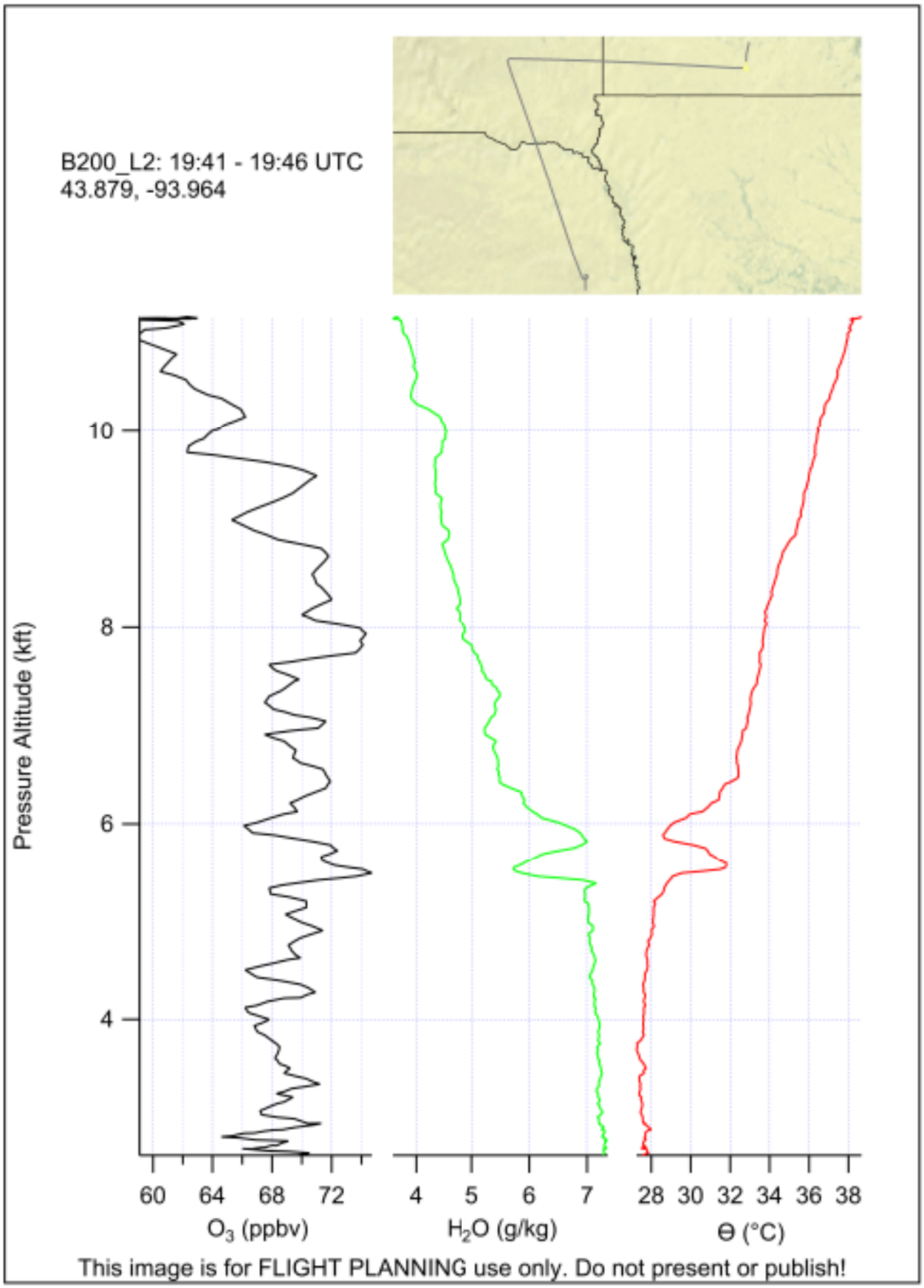
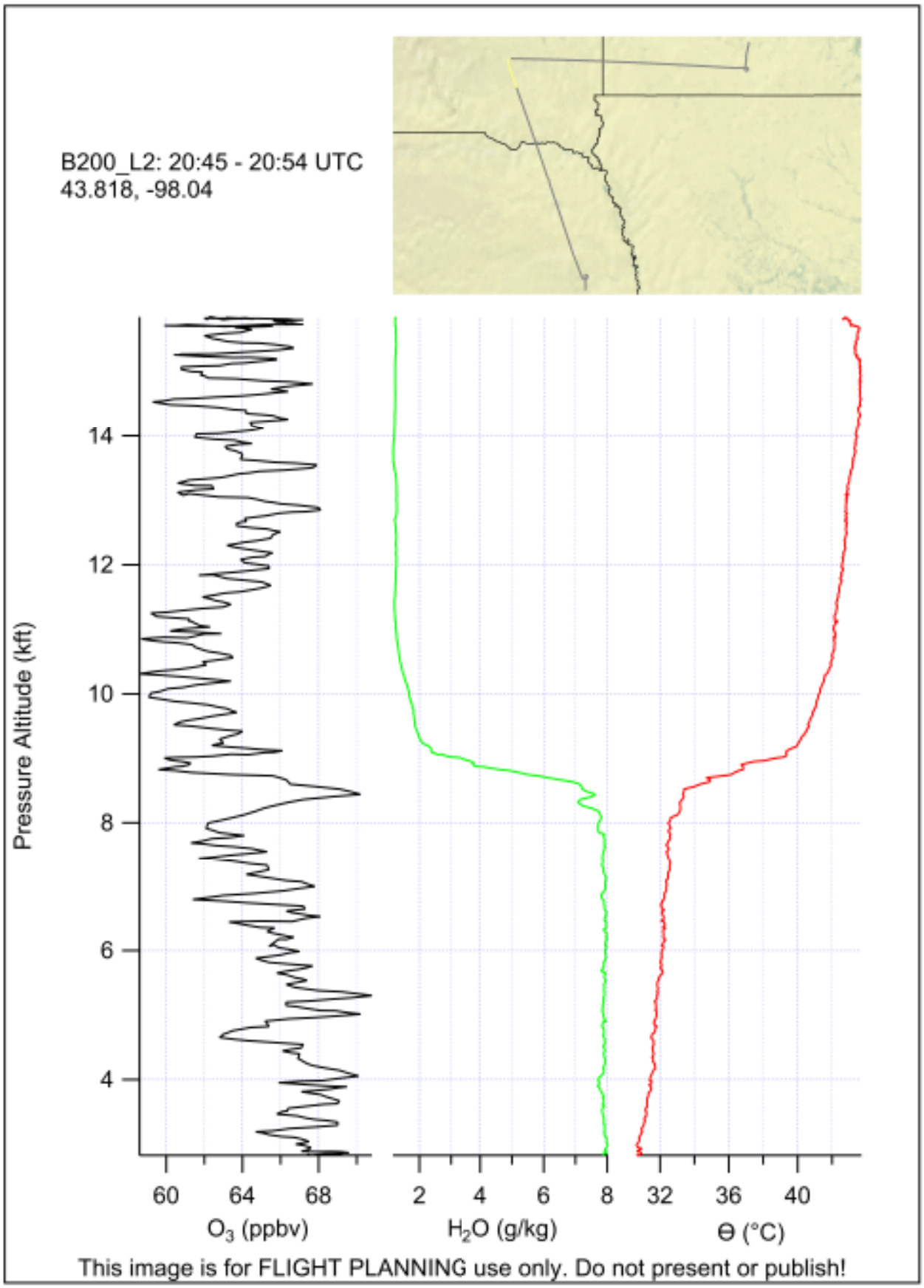

B200_L2: 19:41 - 19:46 UTC
43.879, -93.964
Pressure Altitude (kft)
10
8
6
4
60
64
68
72
O3 (ppbv)
4
5
6
7
H2O (g/kg)
28
30
32
34
36
38
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 20:45 - 20:54 UTC
43.818, -98.04
Pressure Altitude (kft)
14
12
10
8
6
4
60
64
68
O3 (ppbv)
2
4
6
8
H2O (g/kg)
32
36
40
Θ (°C)
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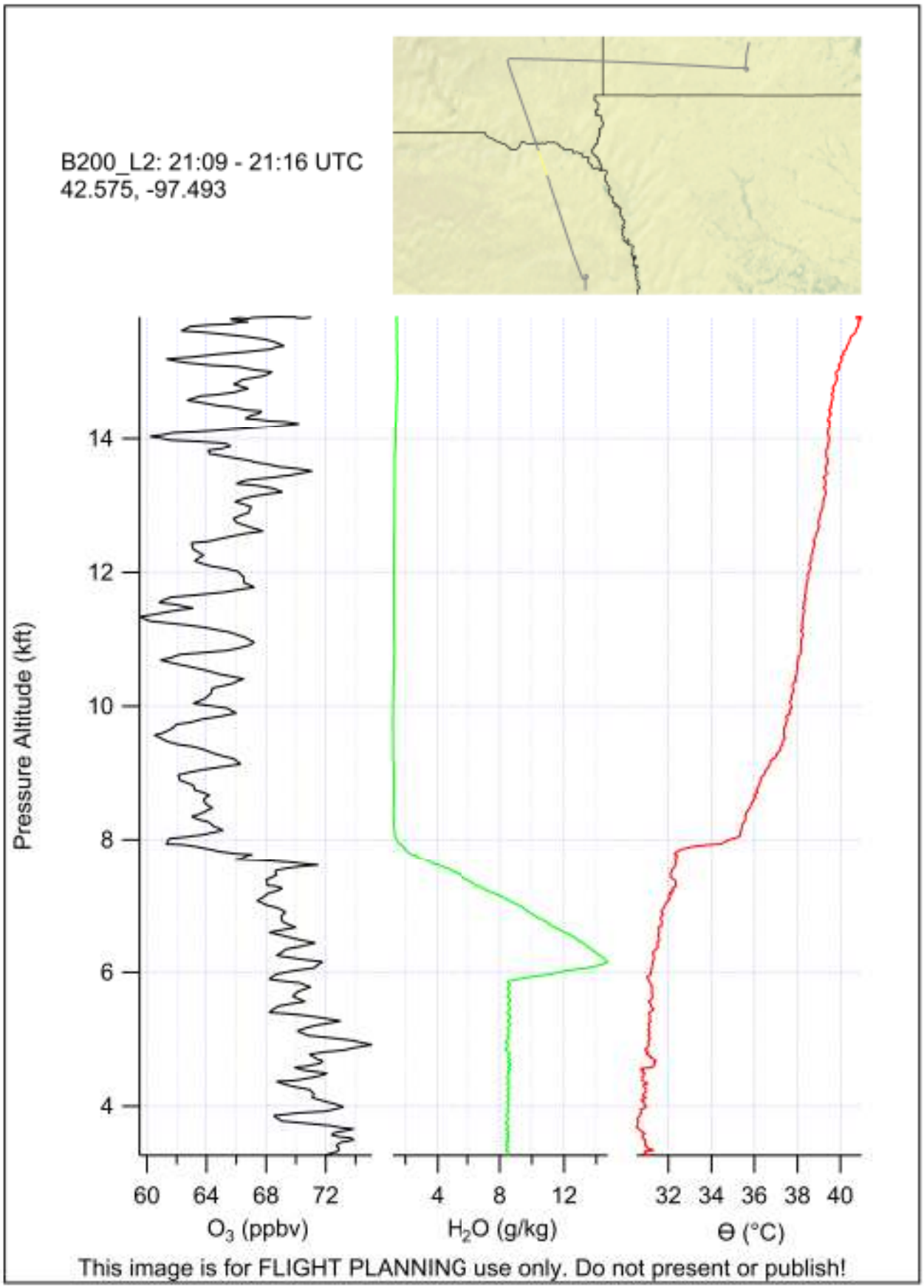
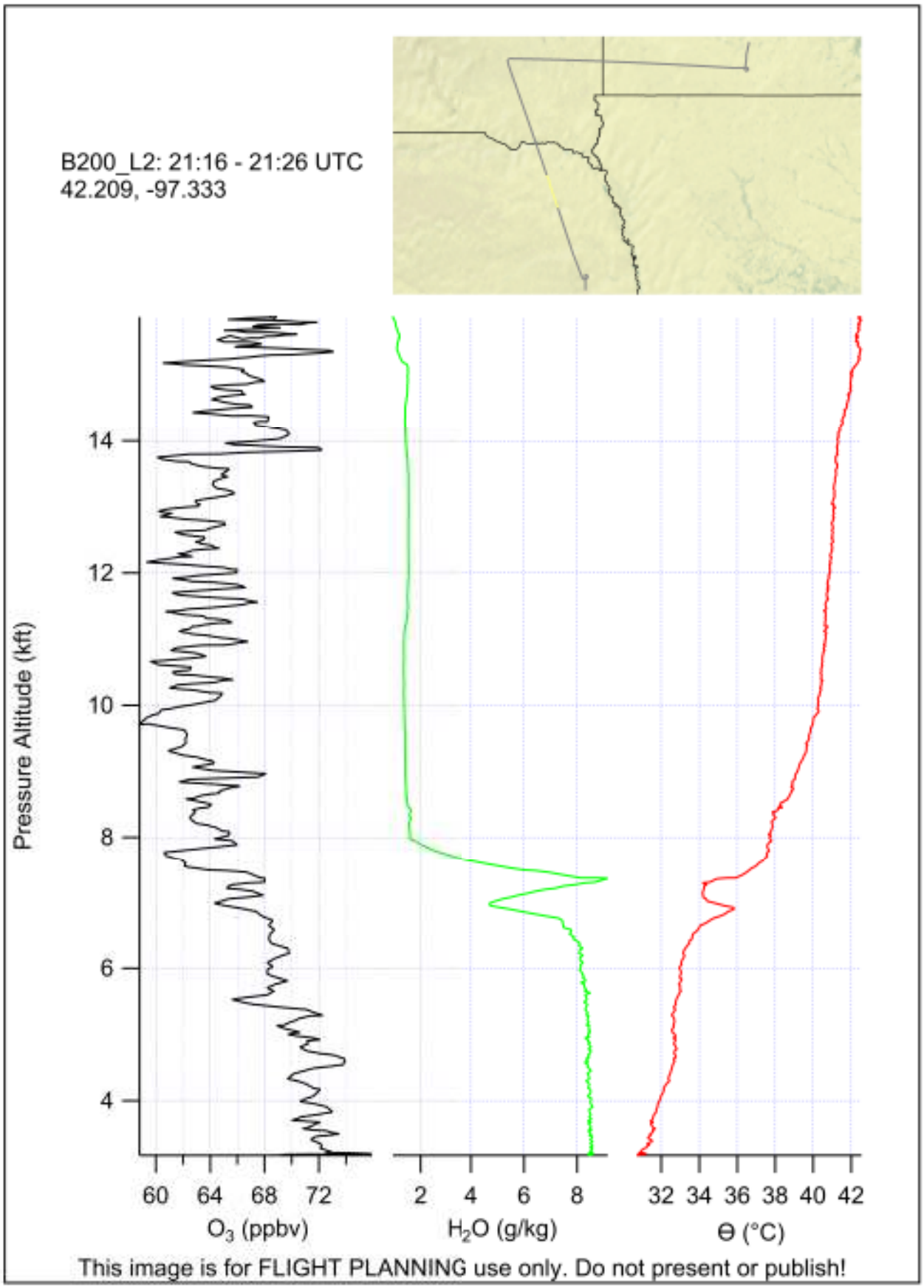

B200_L2: 21:09 - 21:16 UTC
42.575, -97.493
Pressure Altitude (kft)
14
12
10
8
6
4
60 64 68 72
O3 (ppbv)
4 8 12
H2O (g/kg)
32 34 36 38 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 21:16 - 21:26 UTC
42.209, -97.333
Pressure Altitude (kft)
14
12
10
8
6
4
60 64 68 72
O3 (ppbv)
2 4 6 8
H2O (g/kg)
32 34 36 38 40 42
Θ (°C)
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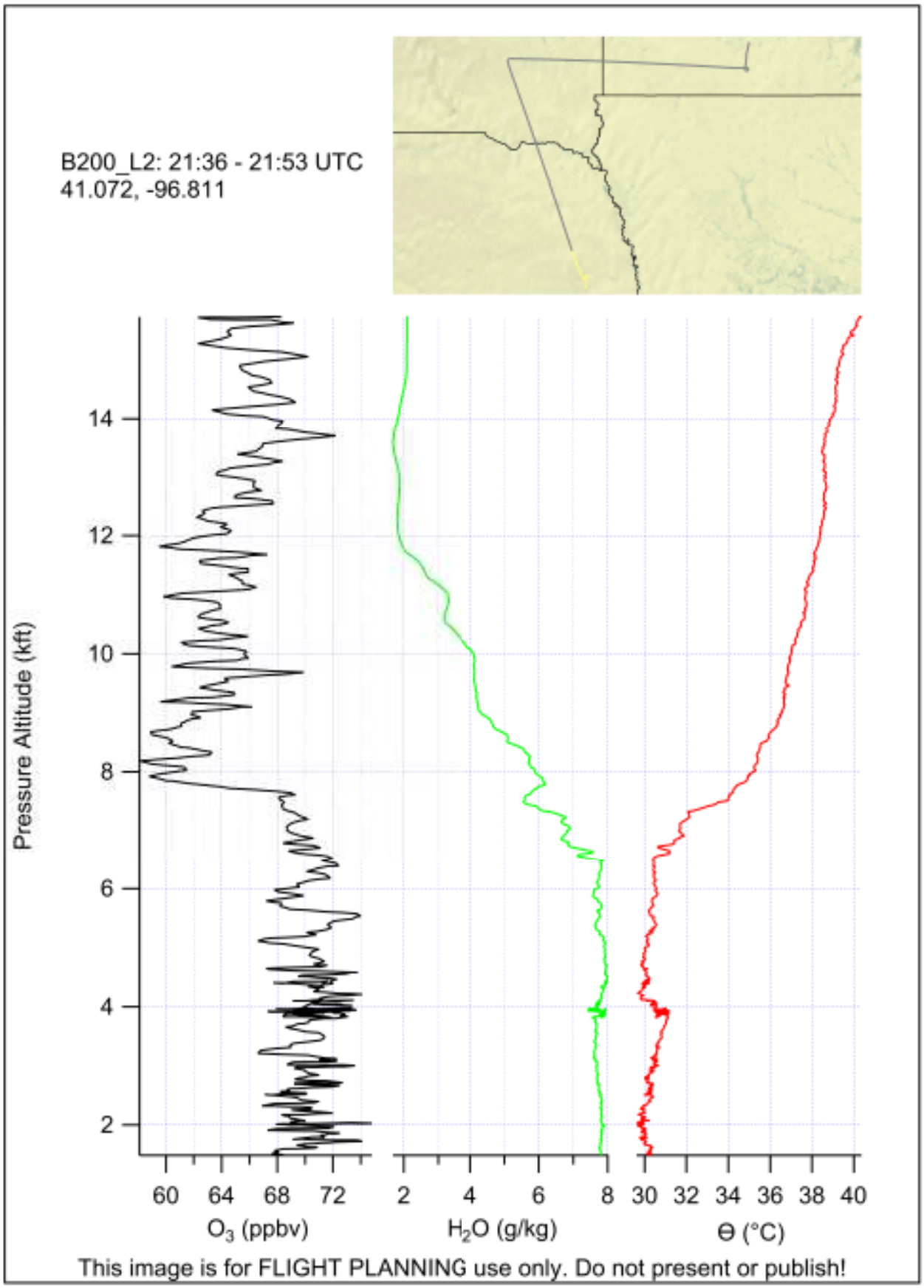
B200_L2: 21:36 - 21:53 UTC
41.072, -96.811
Pressure Altitude (kft)
14
12
10
8
6
4
2
60 64 68 72
O3 (ppbv)
2 4 6 8
H2O (g/kg)
30 32 34 36 38 40
Θ (°C)
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