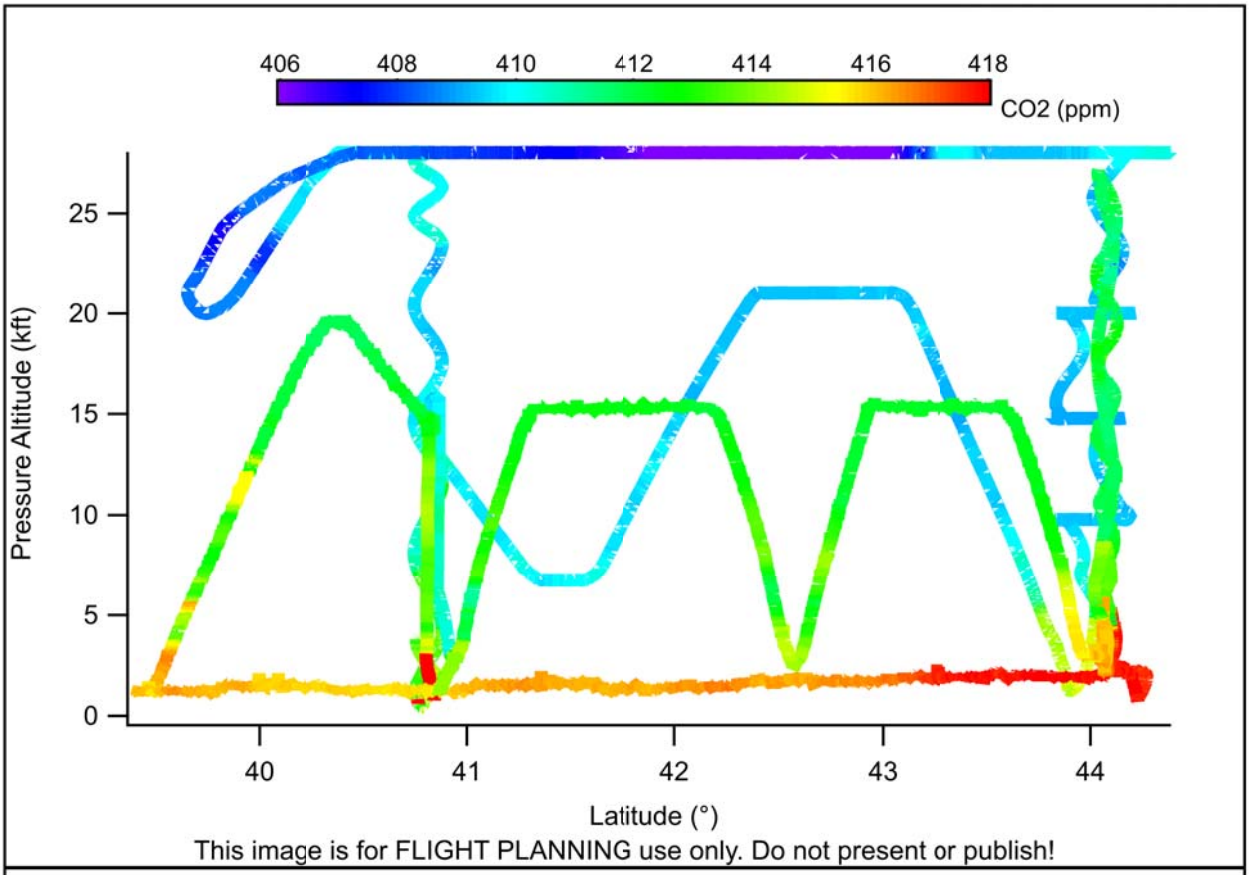
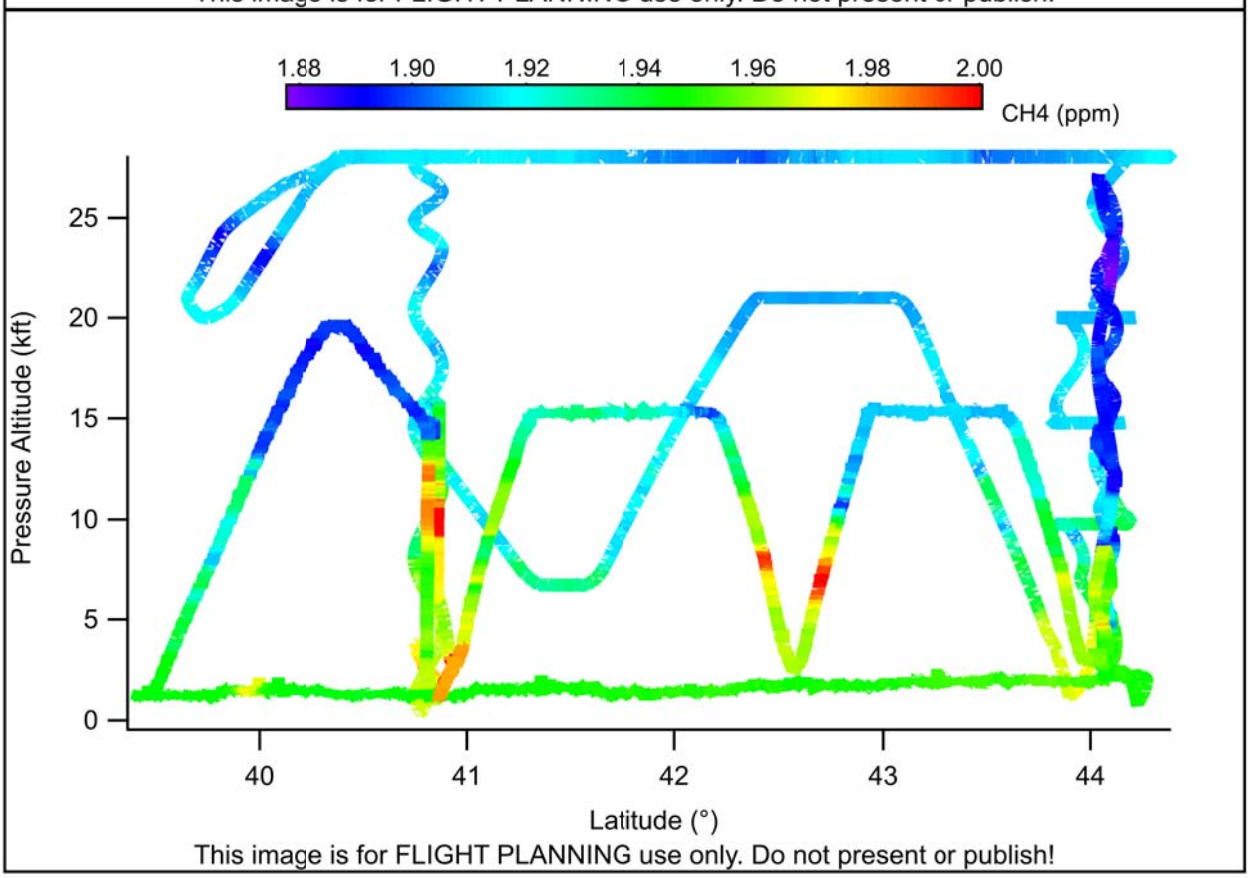
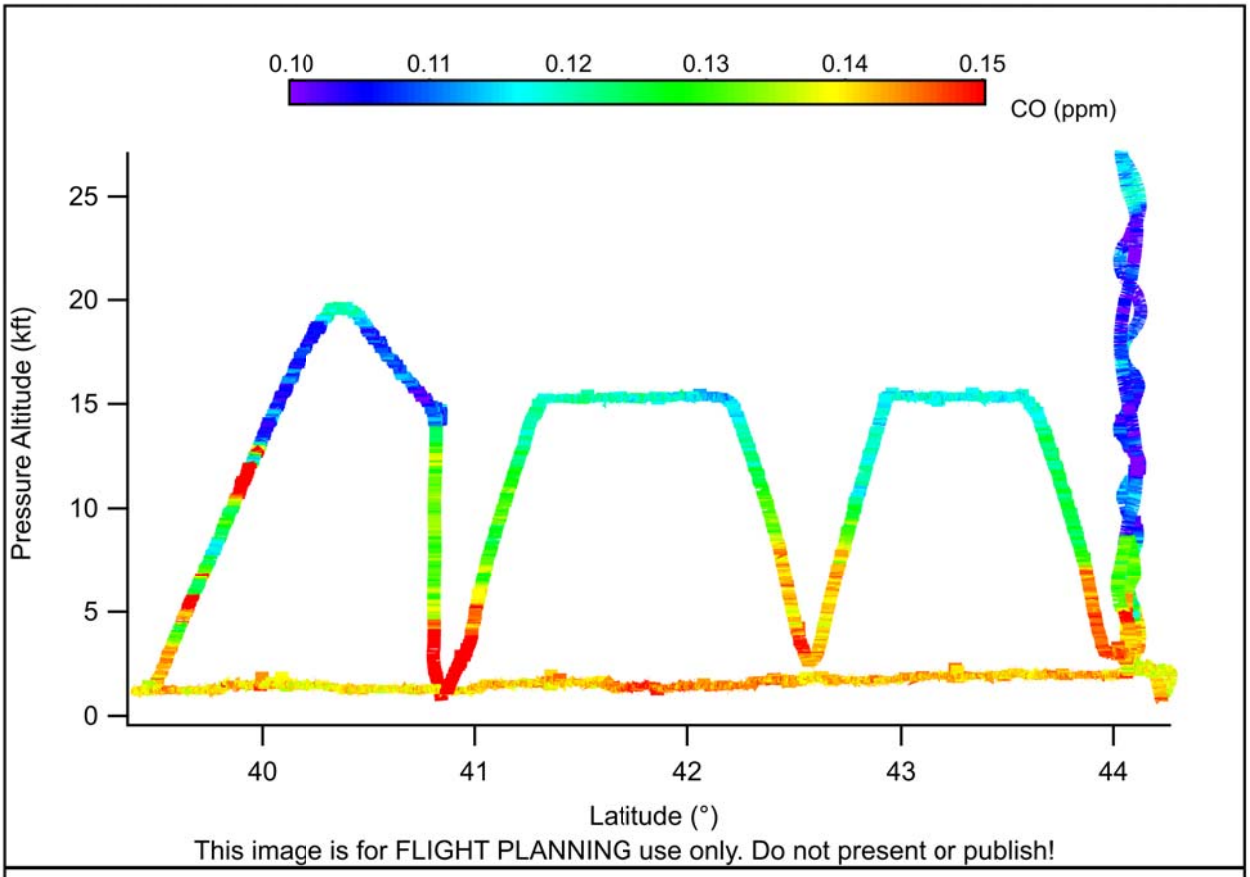
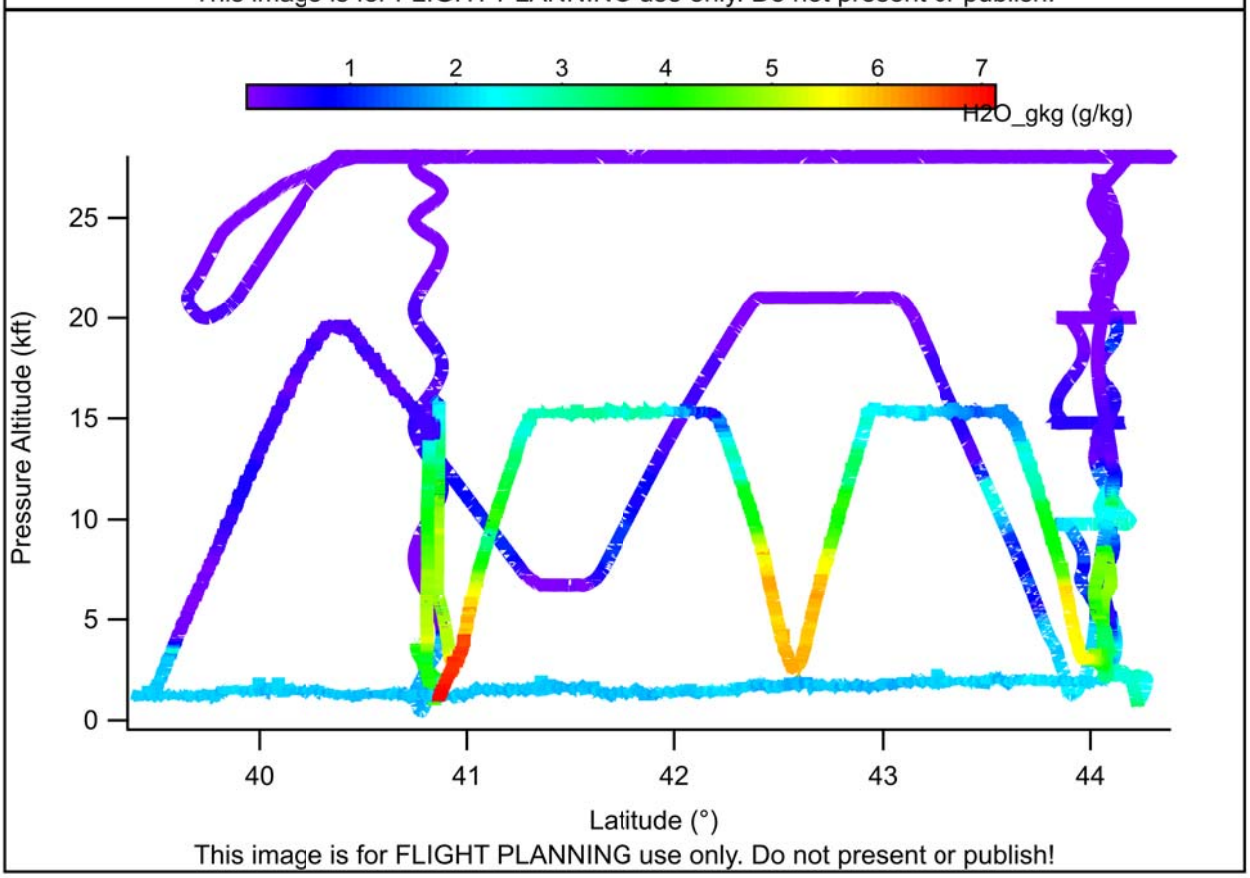
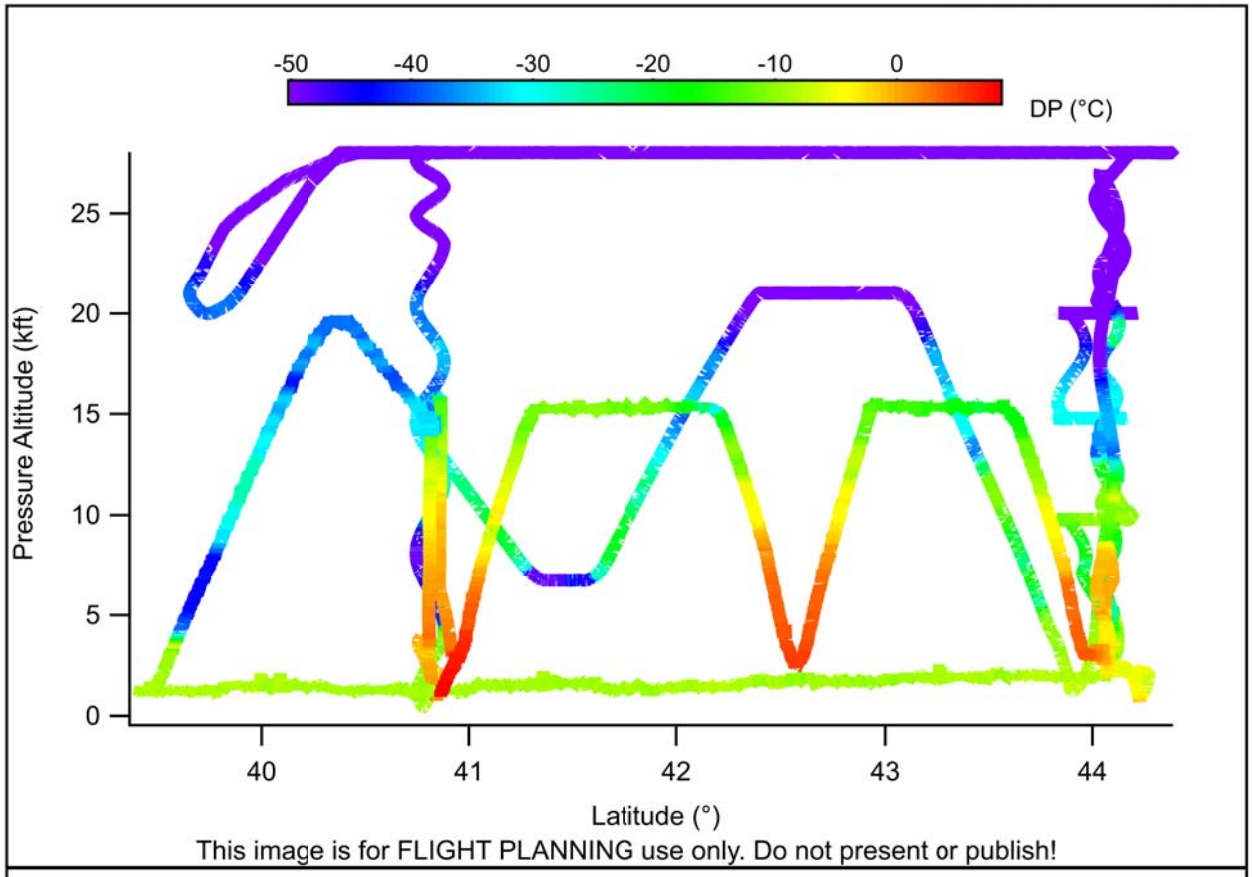
ACT-America 20180429

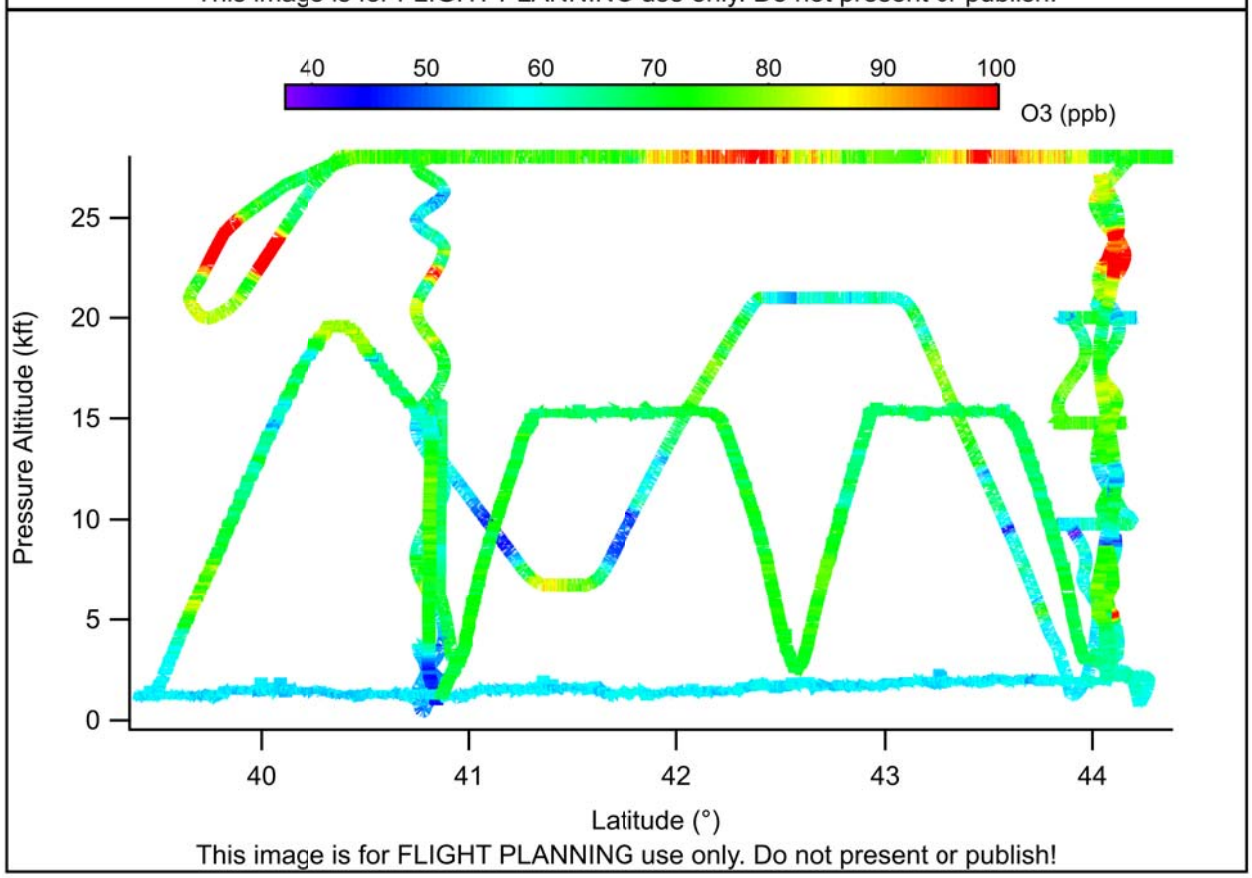

406
408
410
412
414
416
418
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

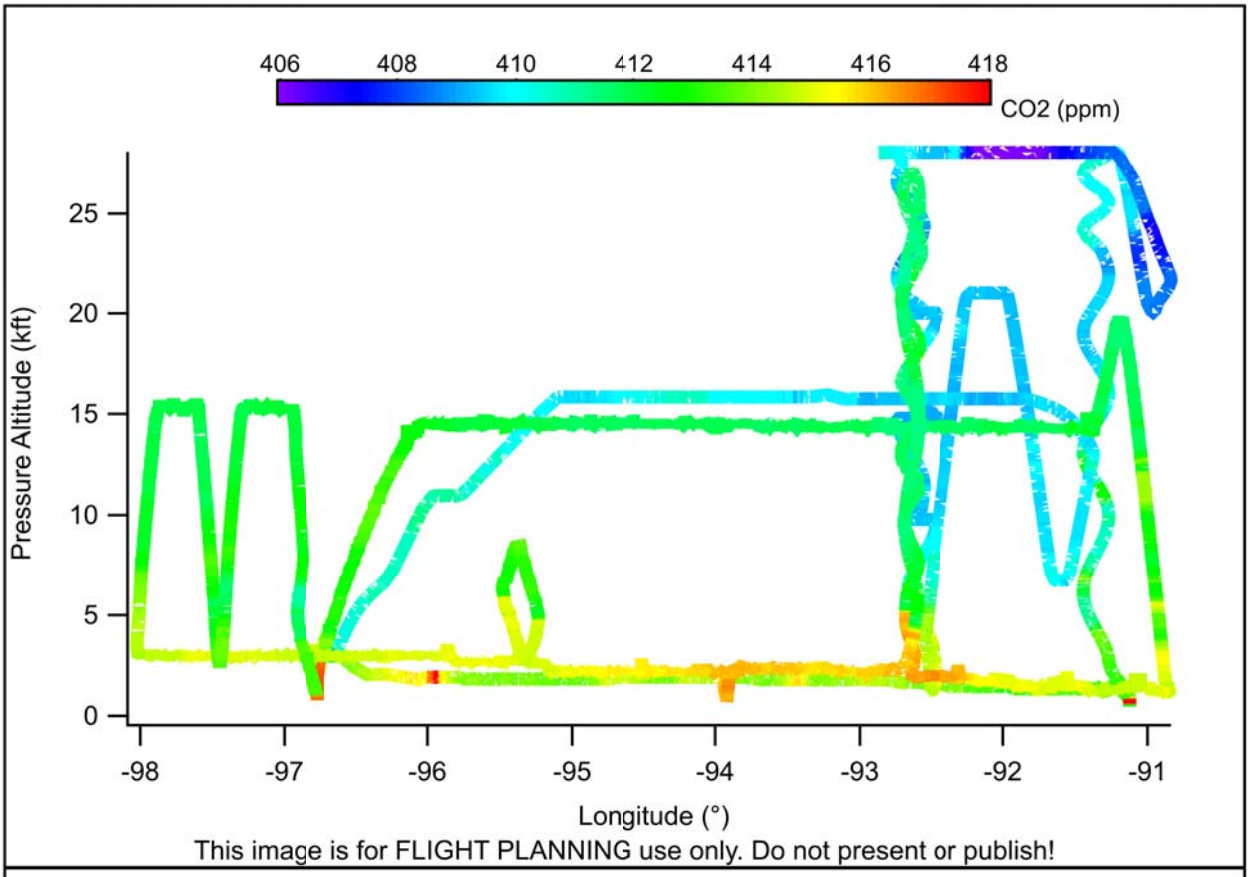

1.88
1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

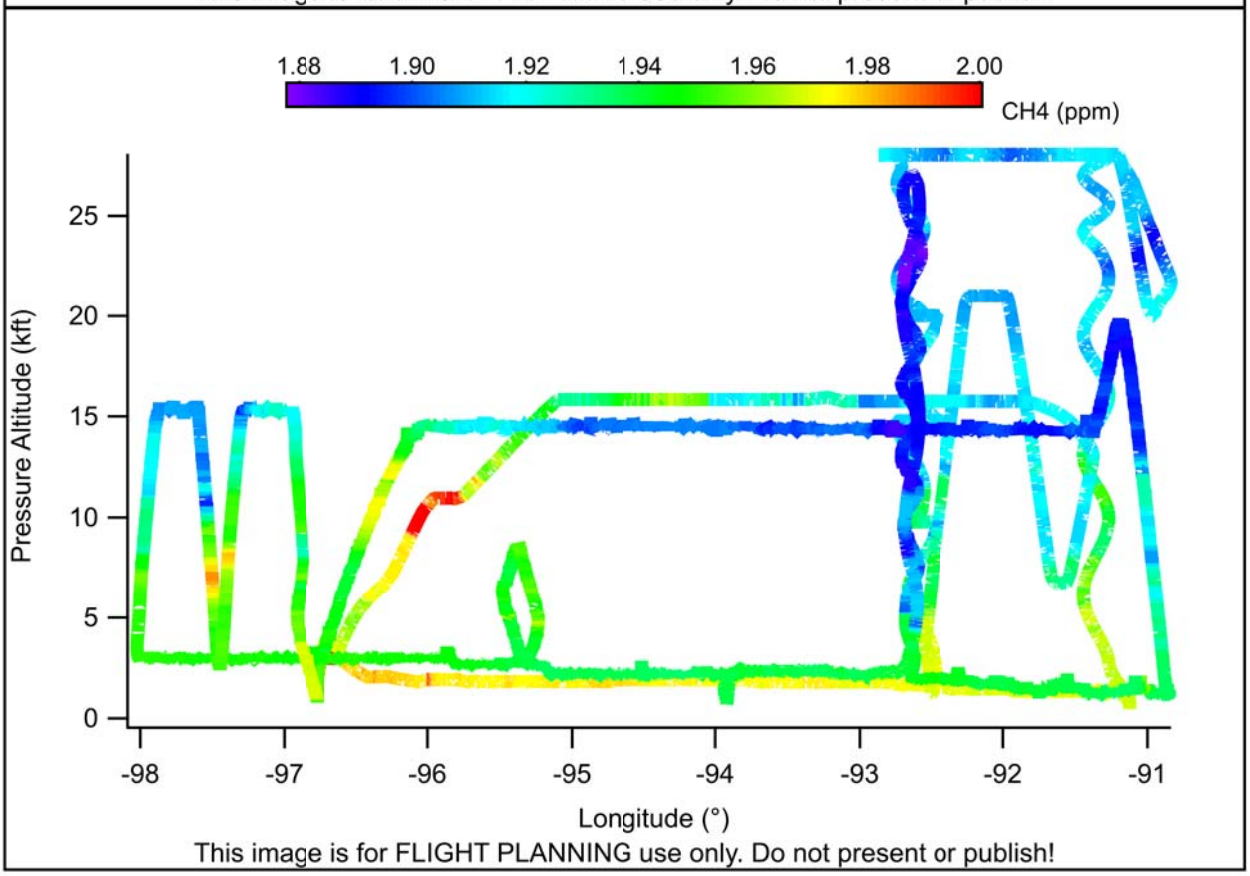

0.10
0.11
0.12
0.13
0.14
0.15
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

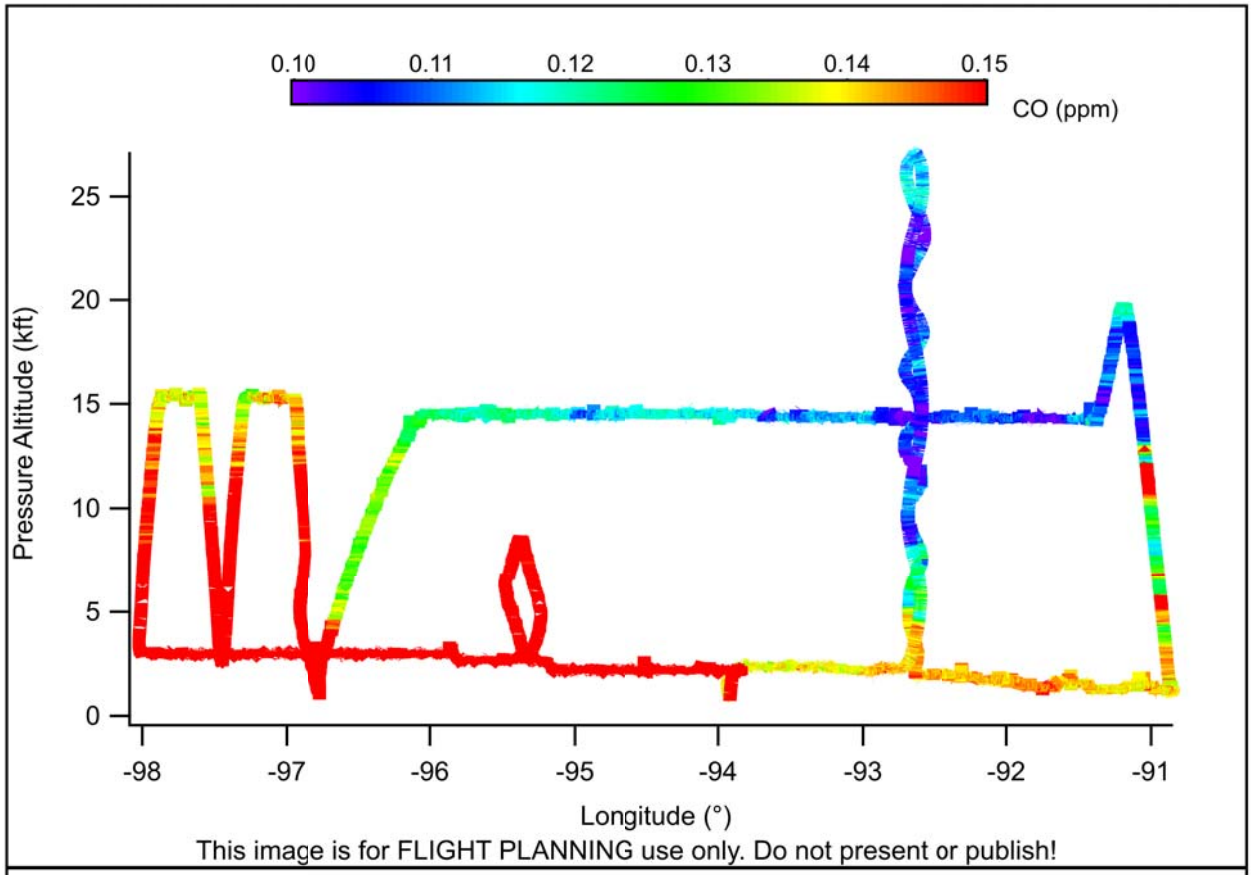

1
2
3
4
5
6
7
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

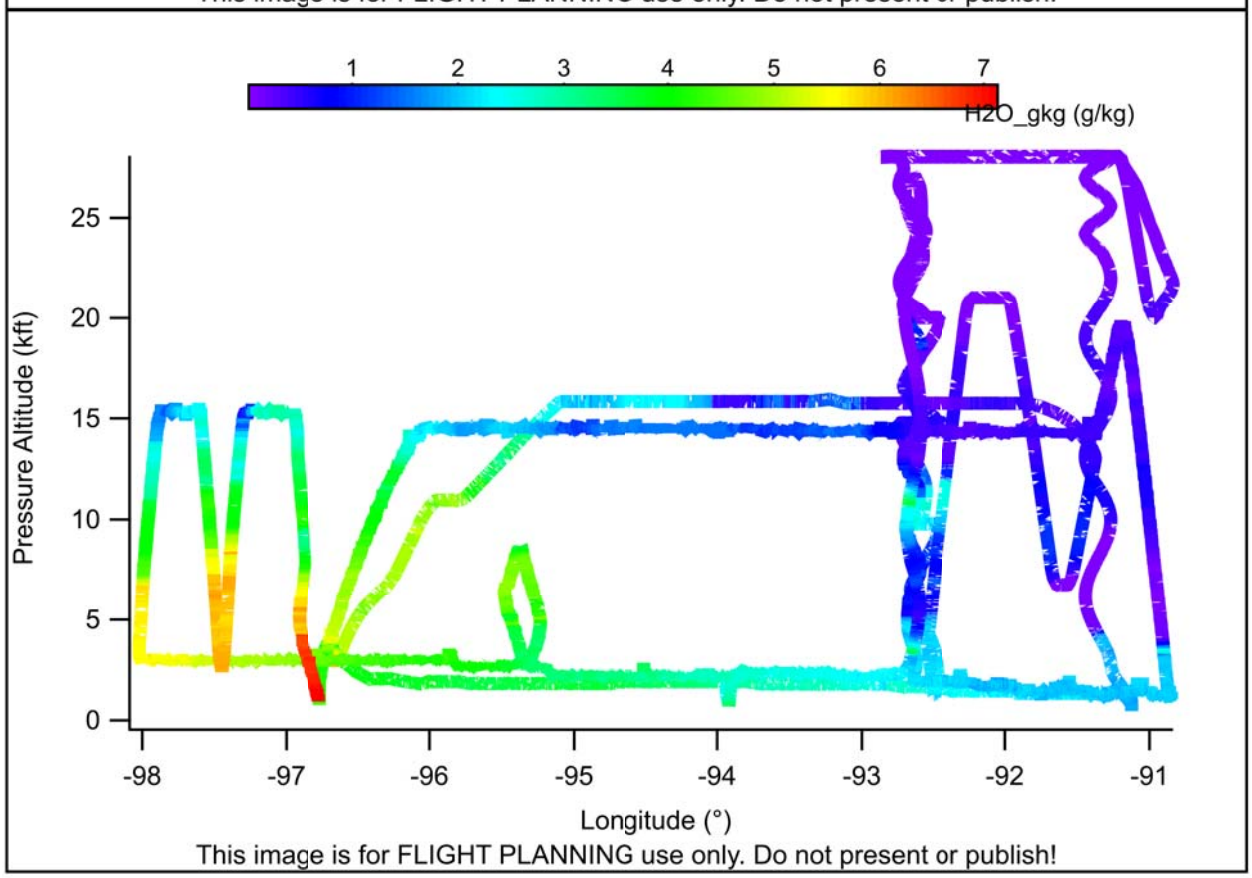

-50
-40
-30
-20
-10
0
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

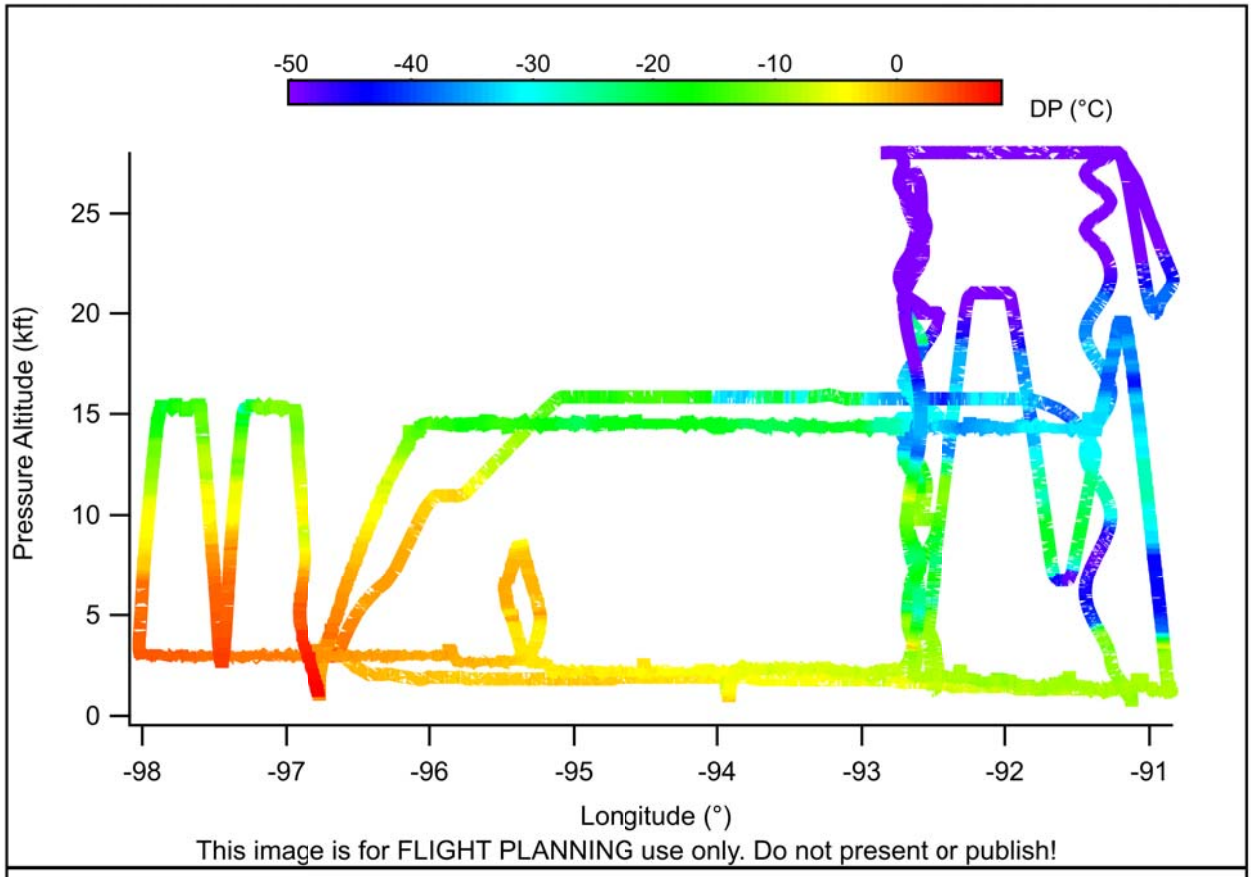

40
50
60
70
80
90
100
O3 (ppb)
Pressure Altitude (kft)
25
20
15
10
5
0
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

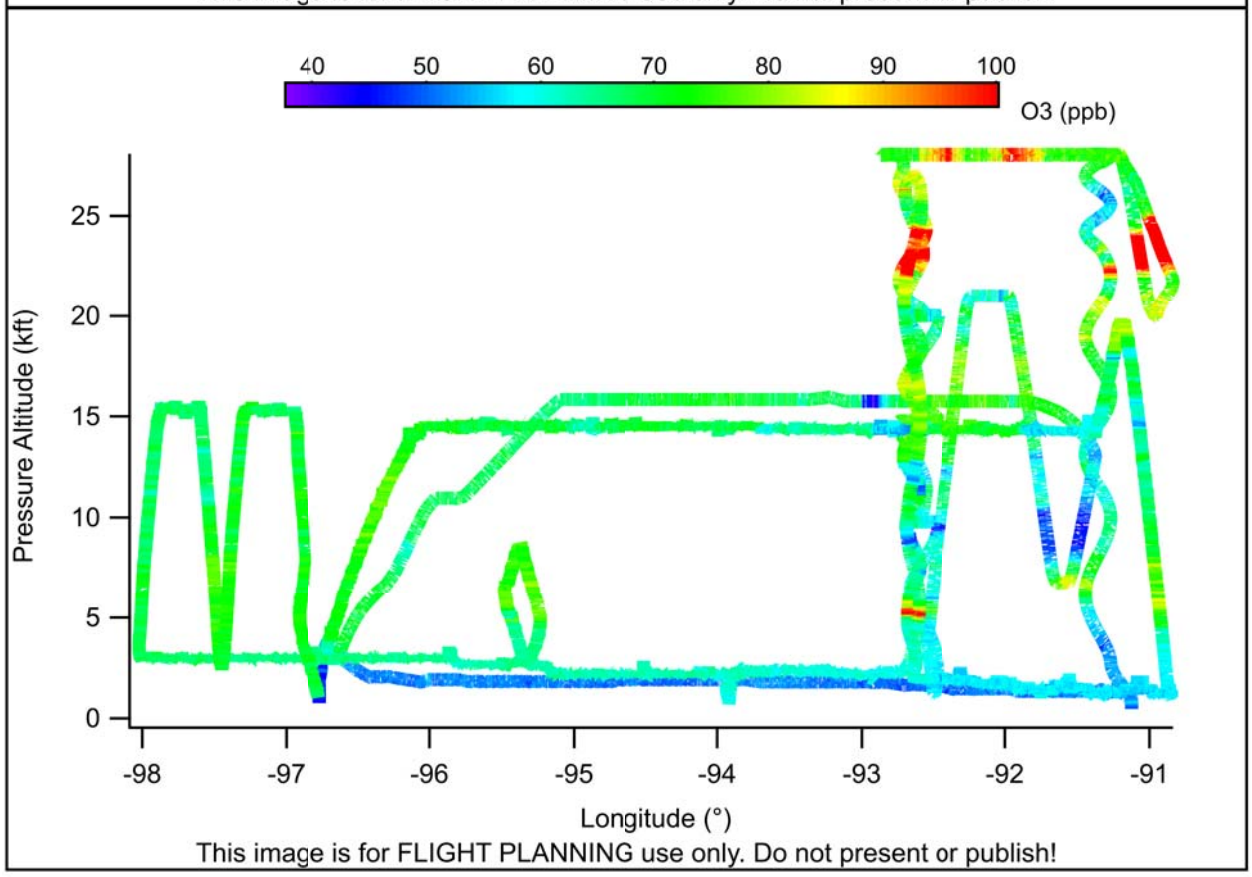

406
408
410
412
414
416
418
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-98
-97
-96
-95
-94
-93
-92
-91
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

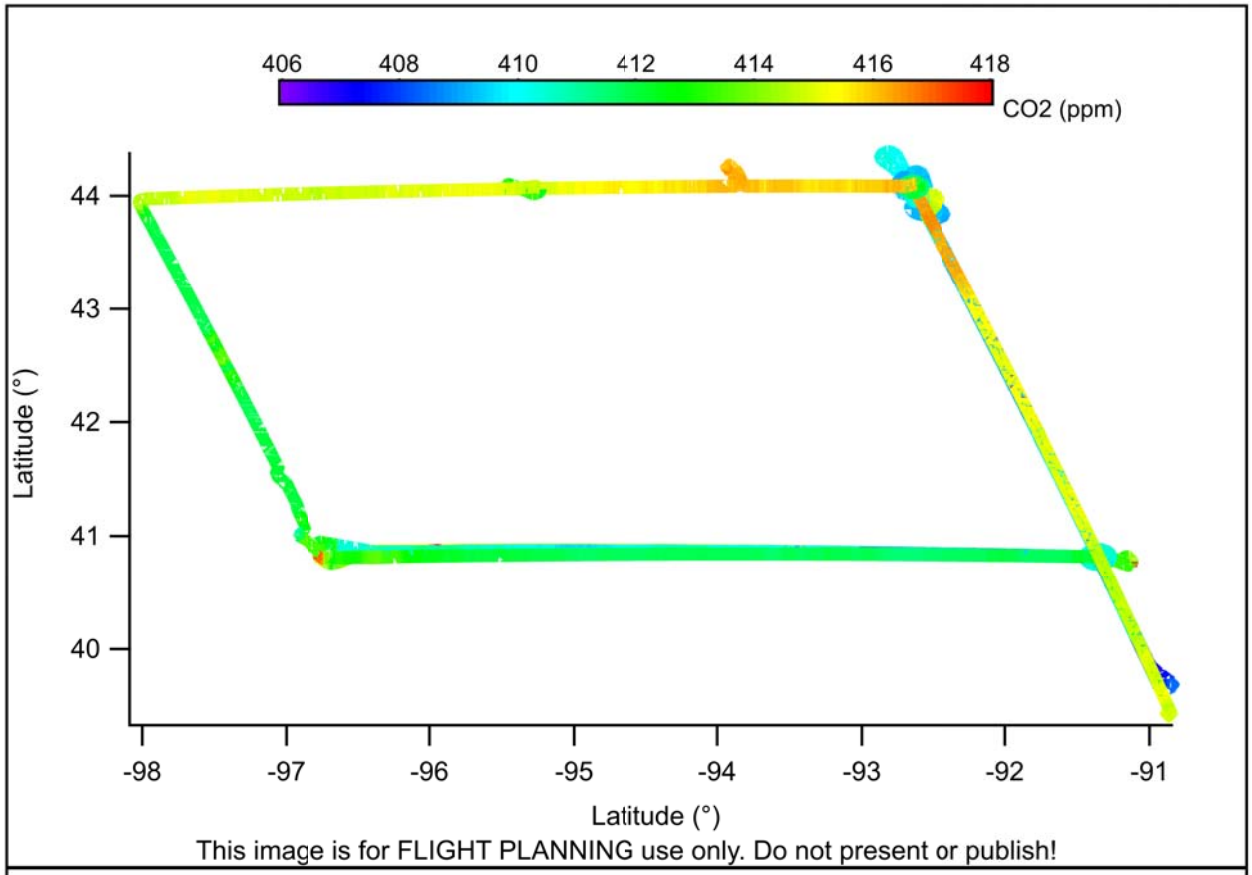

1.88
1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-98
-97
-96
-95
-94
-93
-92
-91
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

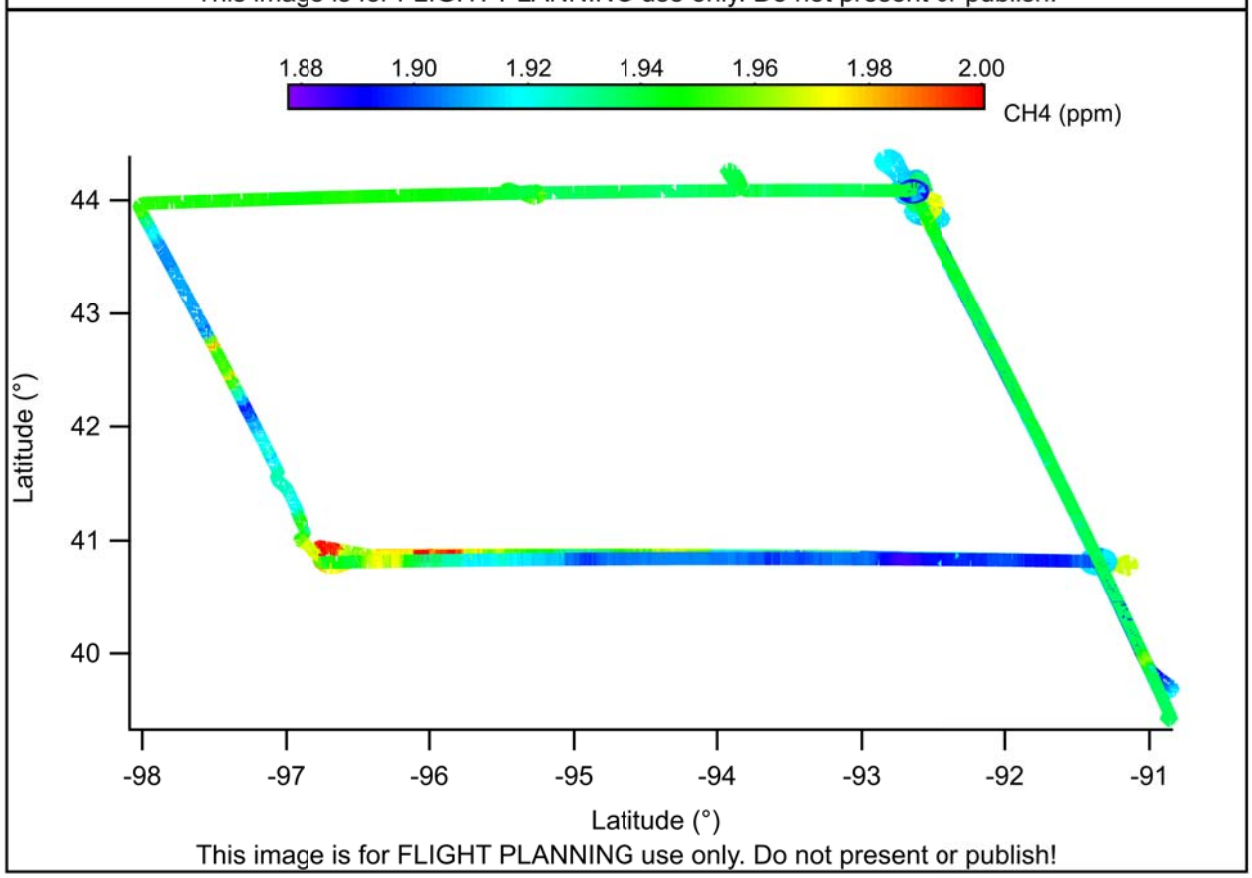

0.10
0.11
0.12
0.13
0.14
0.15
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-98
-97
-96
-95
-94
-93
-92
-91
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

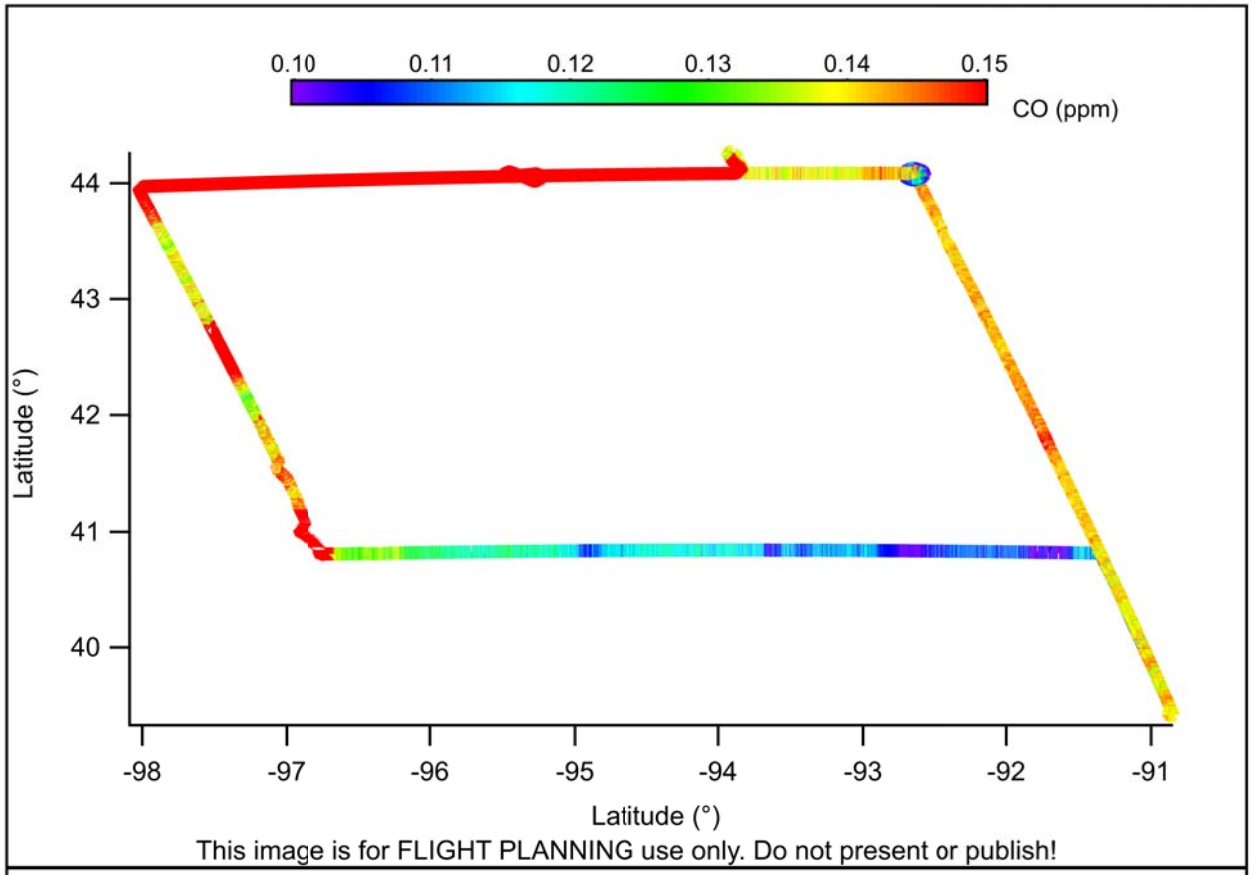

1
2
3
4
5
6
7
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
-98
-97
-96
-95
-94
-93
-92
-91
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

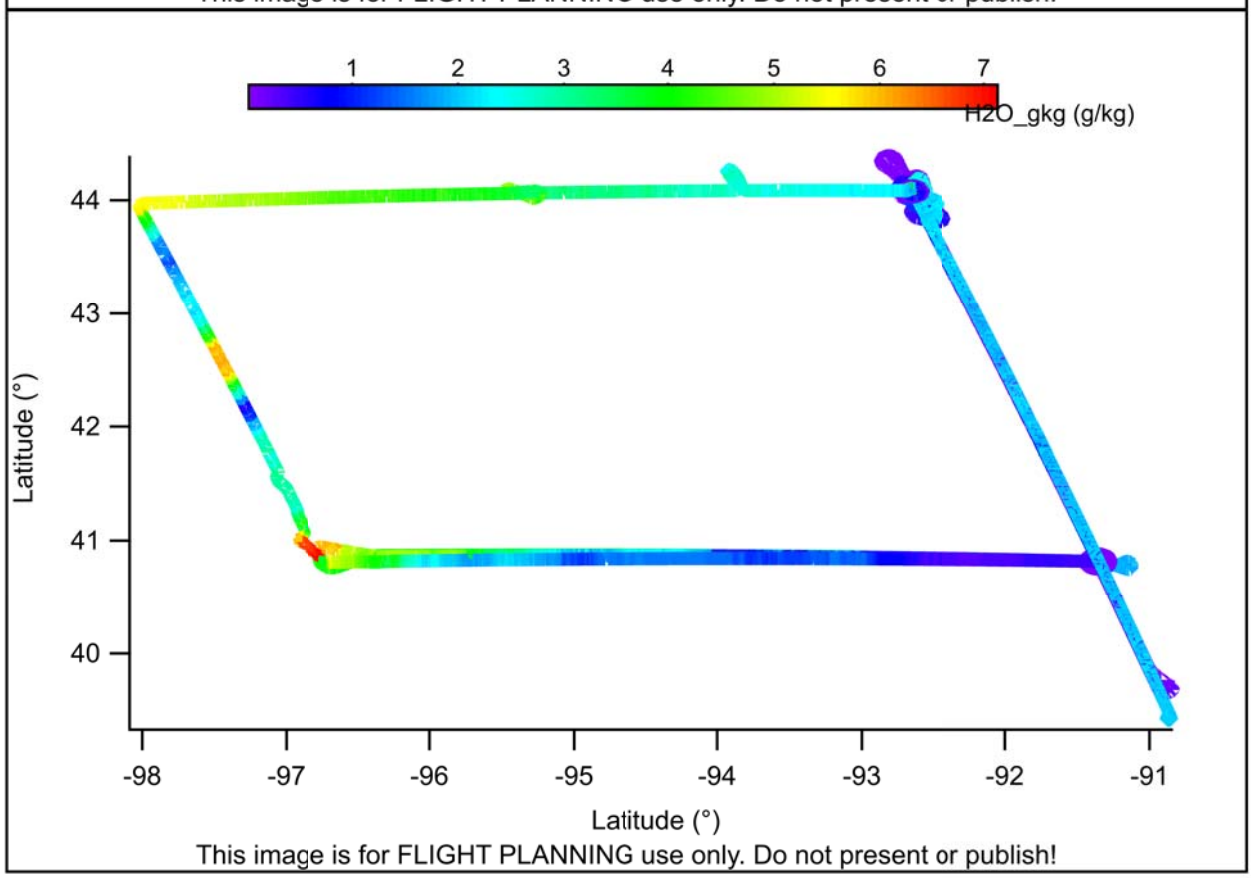

-50
-40
-30
-20
-10
0
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
-98
-97
-96
-95
-94
-93
-92
-91
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

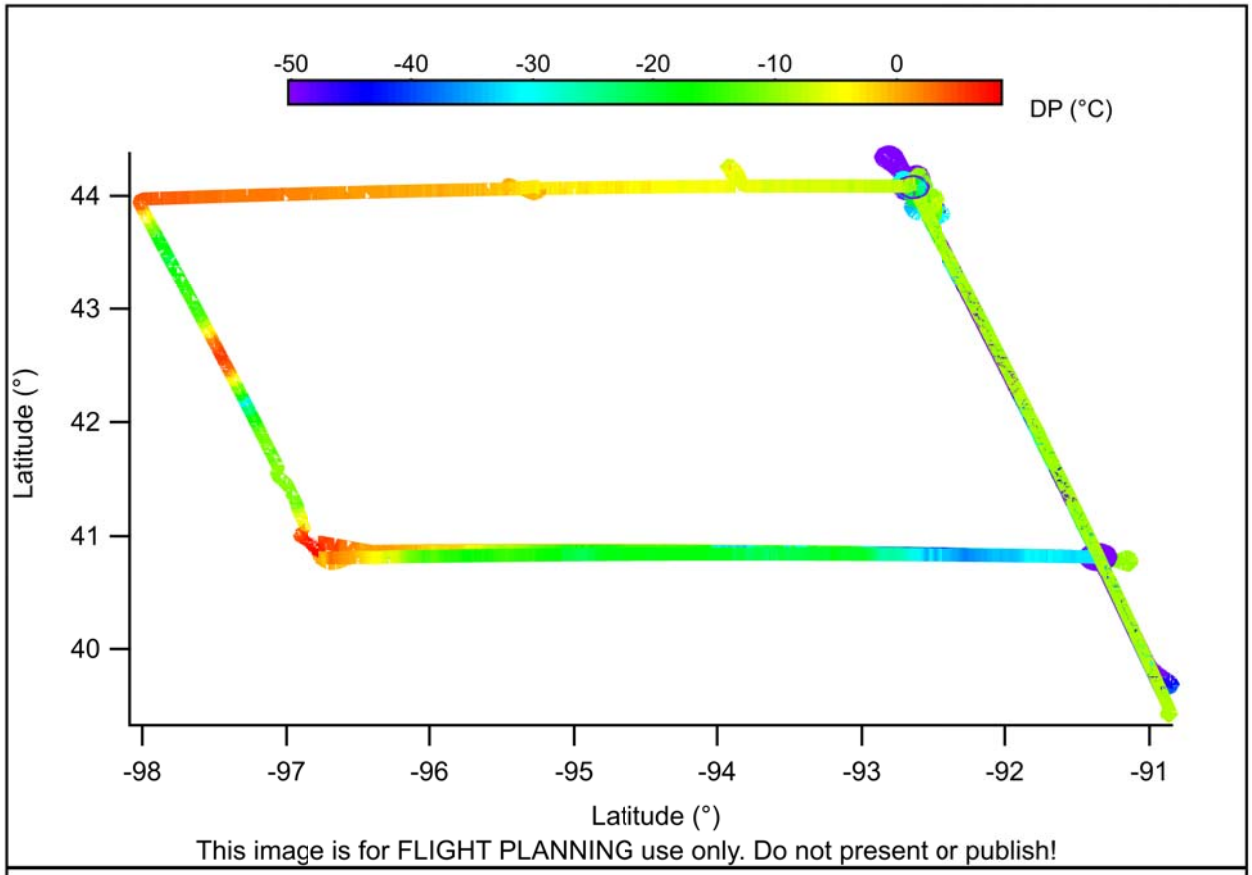

40
50
60
70
80
90
100
O3 (ppb)
Pressure Altitude (kft)
25
20
15
10
5
0
-98
-97
-96
-95
-94
-93
-92
-91
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

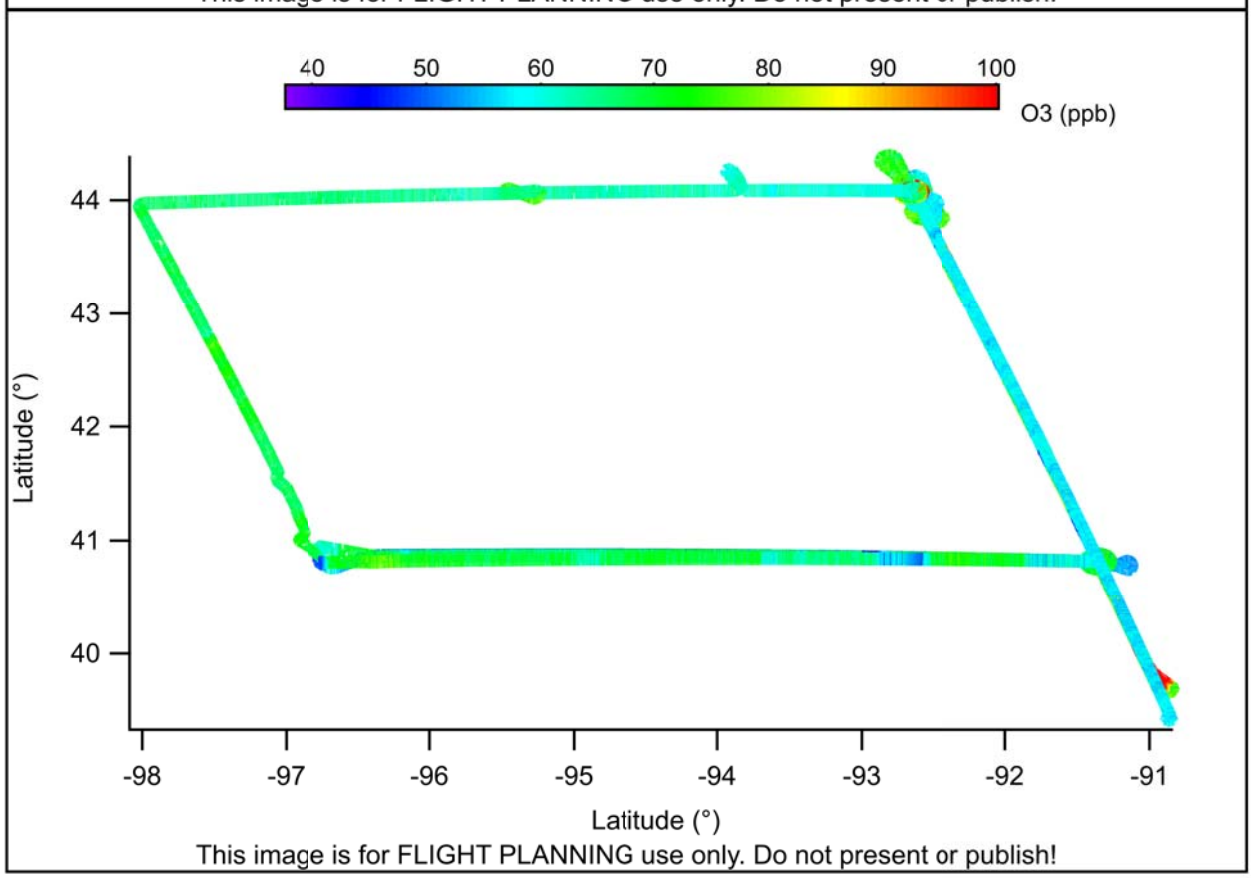

406
408
410
412
414
416
418
CO2 (ppm)
44
43
42
41
40
Latitude (°)
-98
-97
-96
-95
-94
-93
-92
-91
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

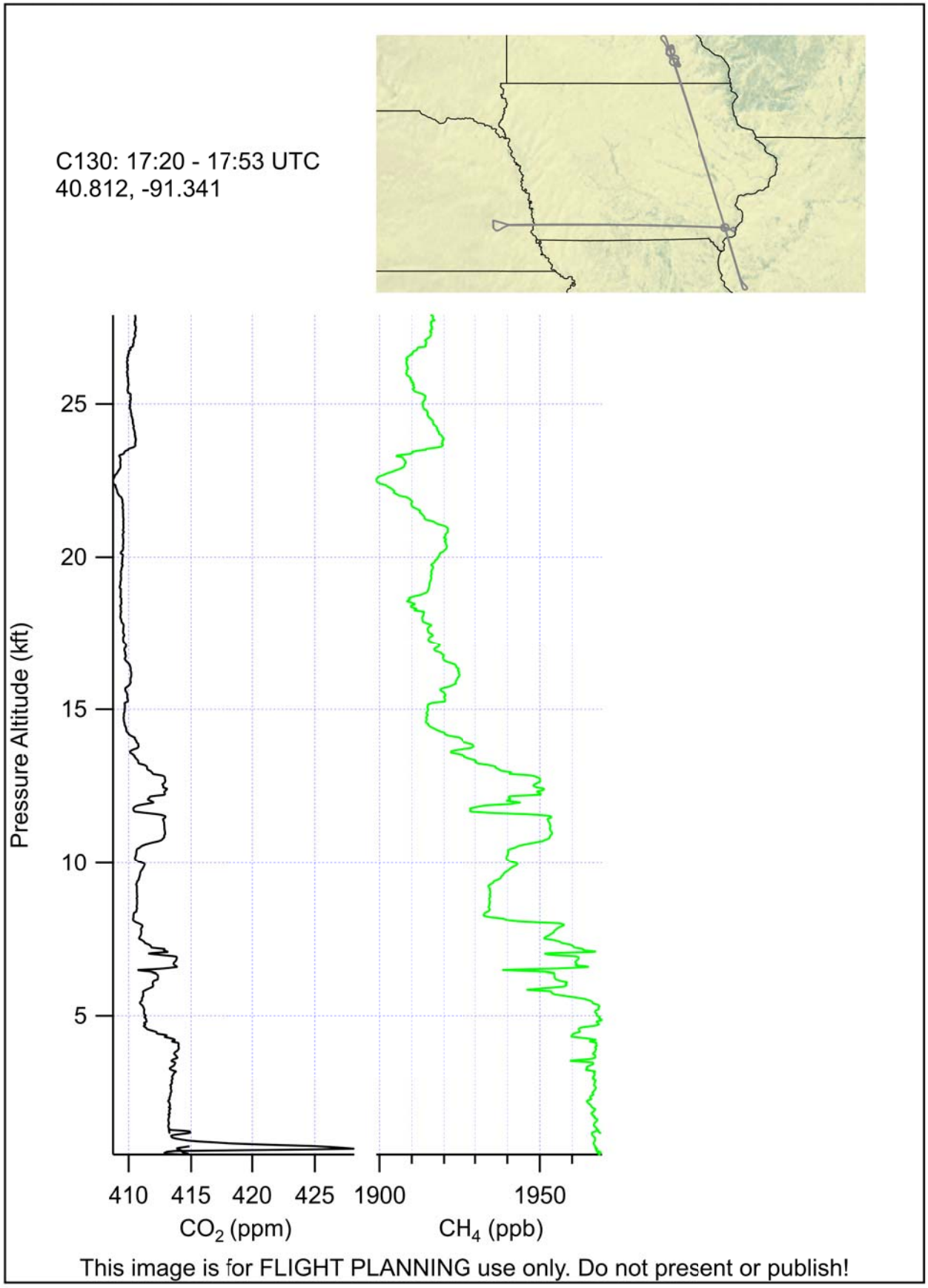

1.88
1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
44
43
42
41
40
Latitude (°)
-98
-97
-96
-95
-94
-93
-92
-91
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0.10
0.11
0.12
0.13
0.14
0.15
CO (ppm)
44
43
42
41
40
Latitude (°)
-98
-97
-96
-95
-94
-93
-92
-91
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

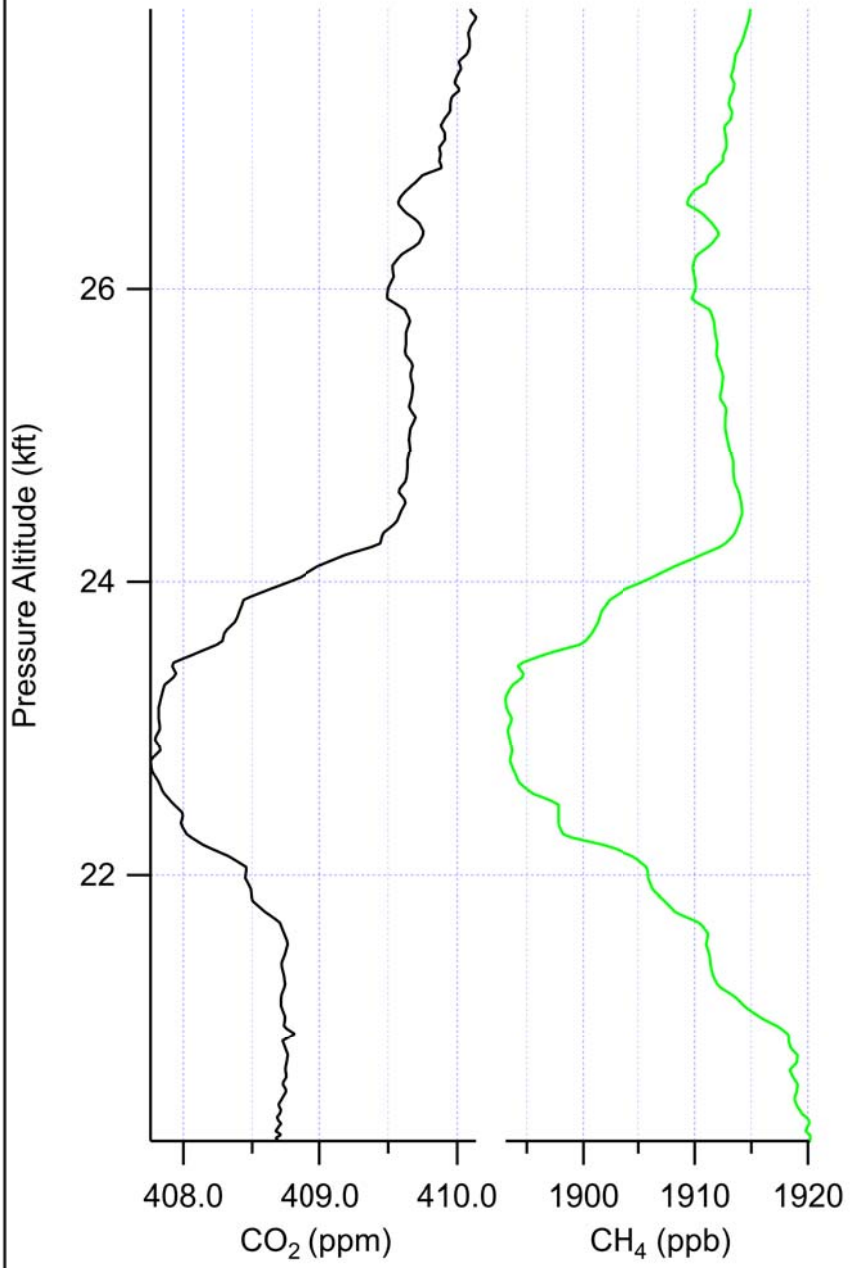

1
2
3
4
5
6
7
H2O_gkg (g/kg)
44
43
42
41
40
Latitude (°)
-98
-97
-96
-95
-94
-93
-92
-91
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-50
-40
-30
-20
-10
0
DP (°C)
44
43
42
41
40
Latitude (°)
-98
-97
-96
-95
-94
-93
-92
-91
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


40
50
60
70
80
90
100
O3 (ppb)
44
43
42
41
40
Latitude (°)
-98
-97
-96
-95
-94
-93
-92
-91
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

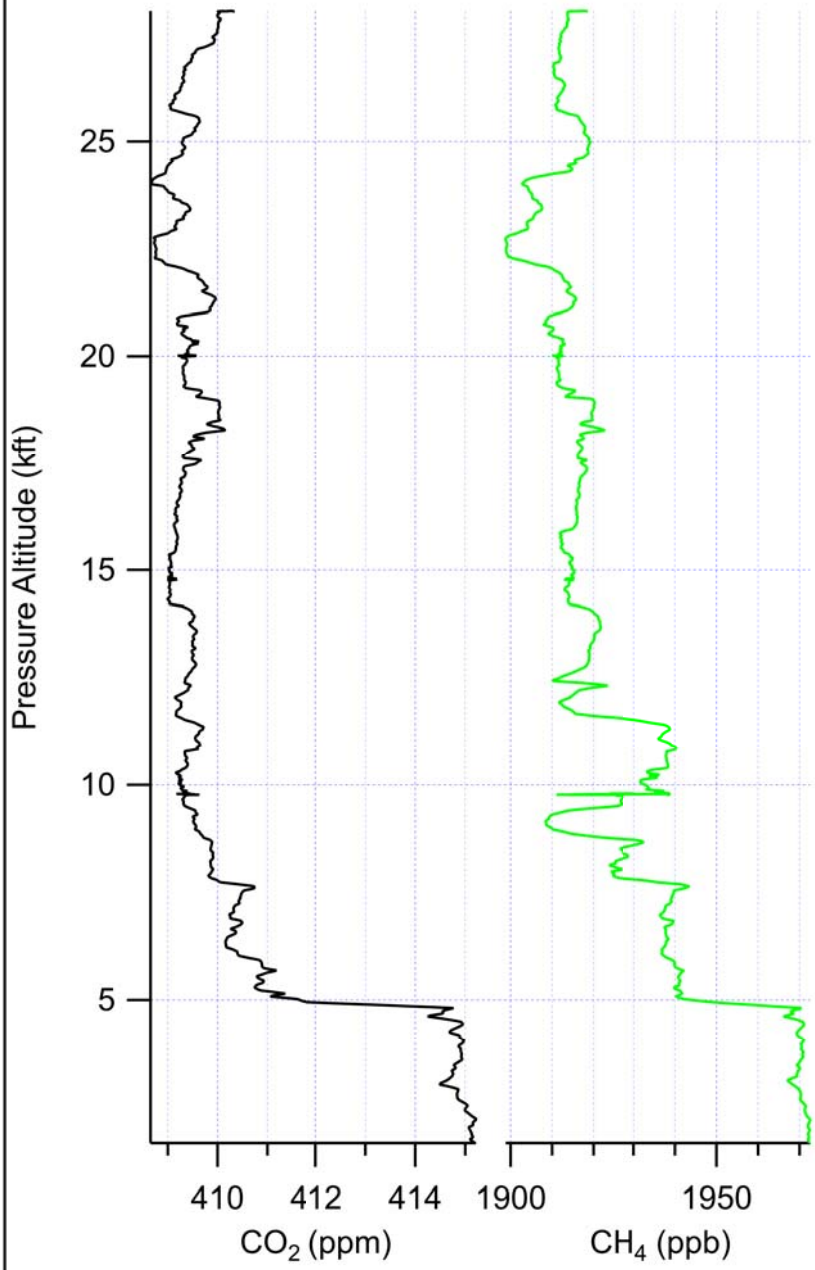

C130: 17:20 - 17:53 UTC
40.812, -91.341
Pressure Altitude (kft)
25
20
15
10
5
410
415
420
425
CO2 (ppm)
1900
1950
CH4 (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

C130: 18:01 - 18:07 UTC
40.083, -91.088



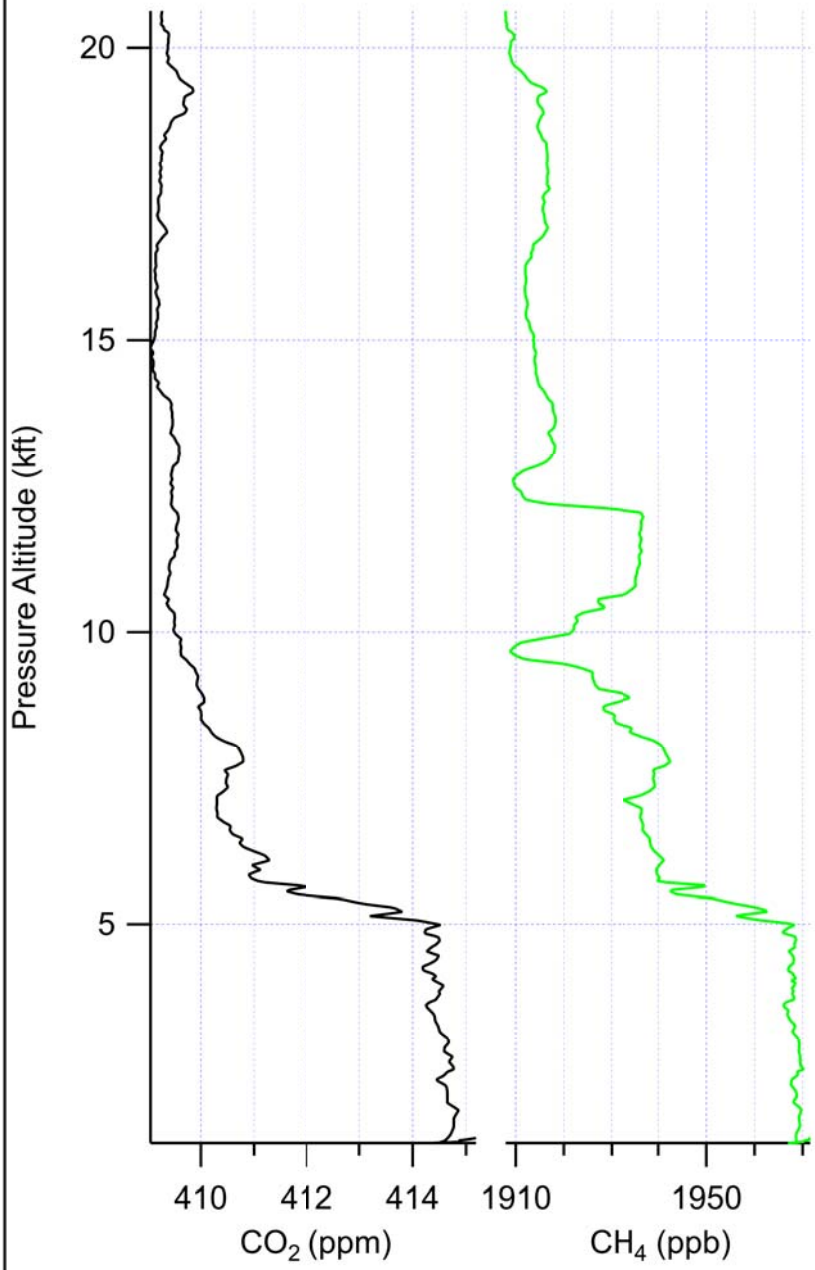
This image is for FLIGHT PLANNING use only. Do not present or publish!

C130: 19:13 - 20:06 UTC
44.016, -92.602



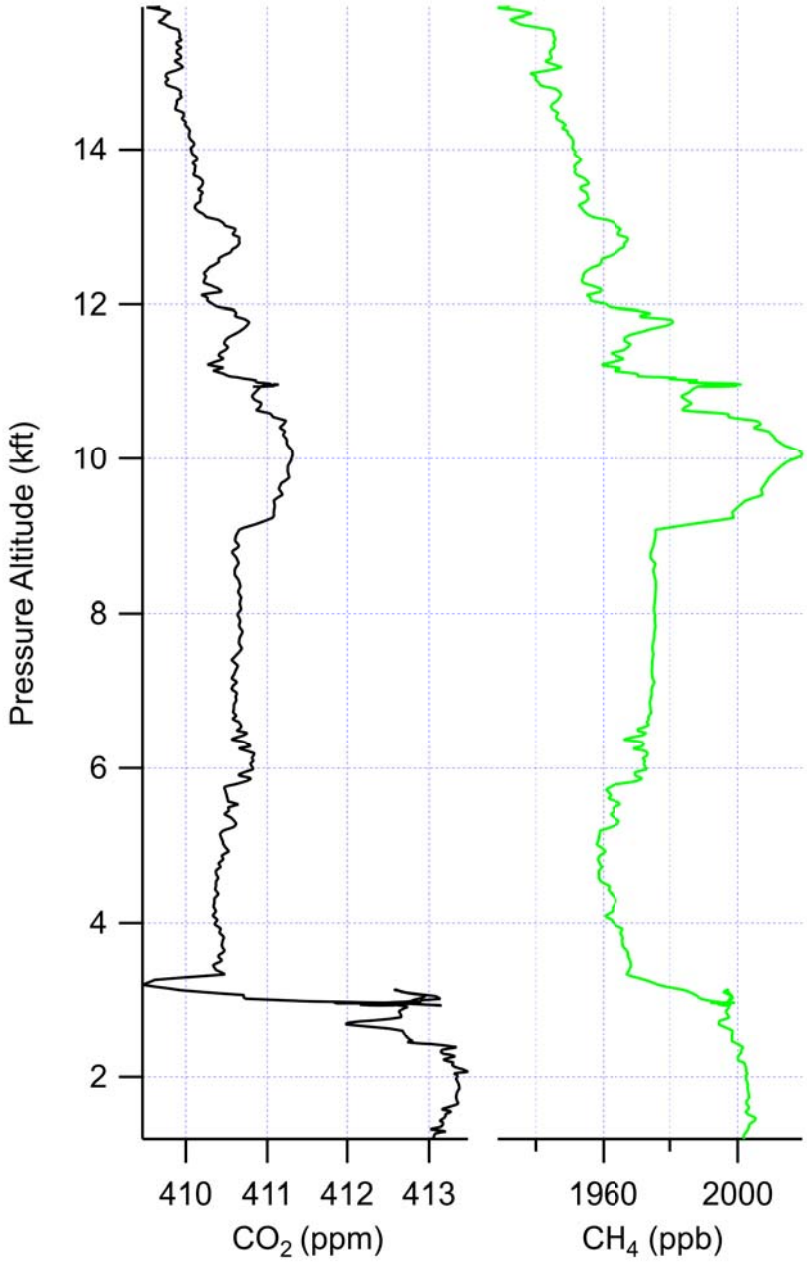
This image is for FLIGHT PLANNING use only. Do not present or publish!

C130: 20:06 - 20:20 UTC
43.534, -92.425

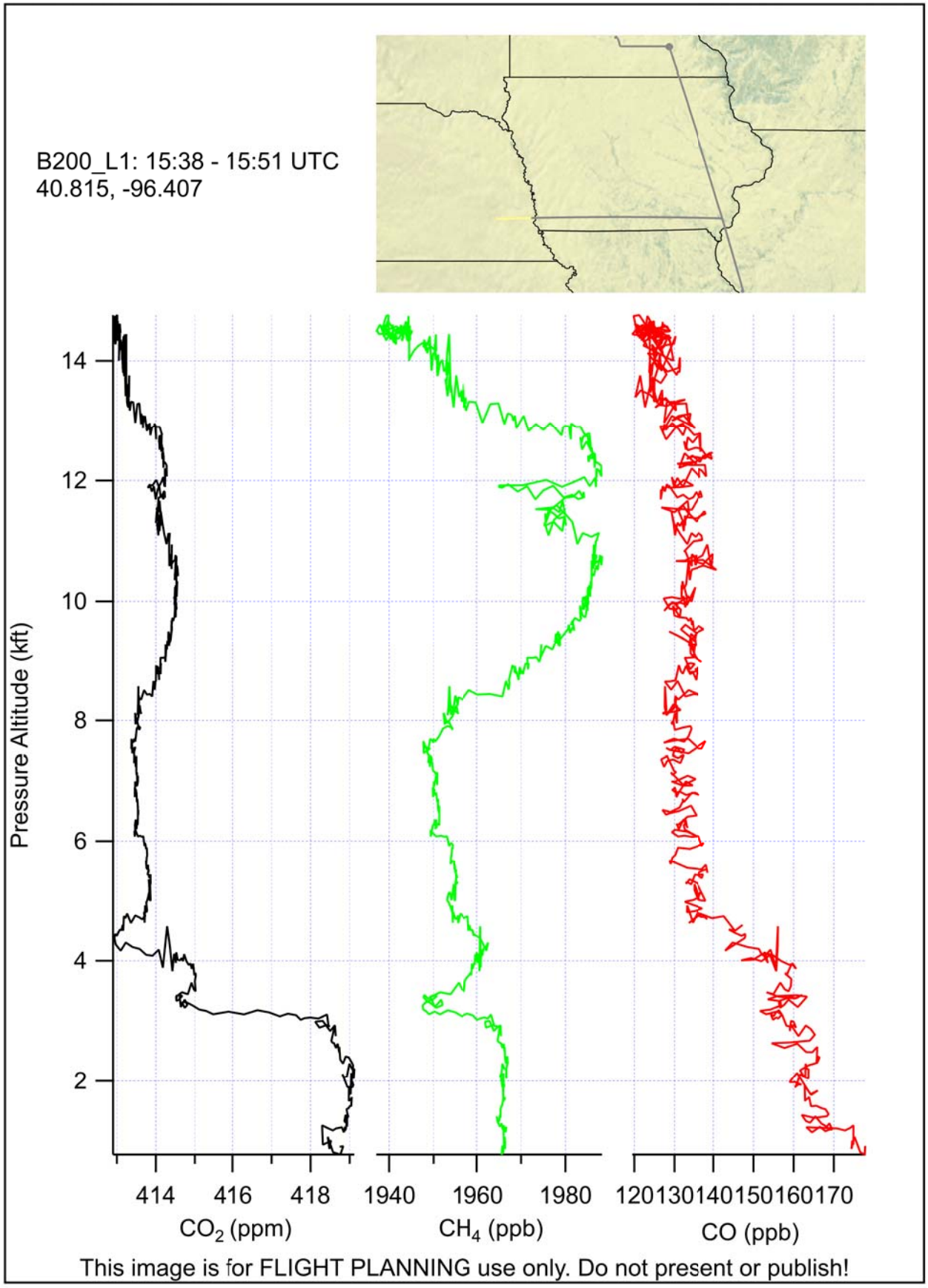


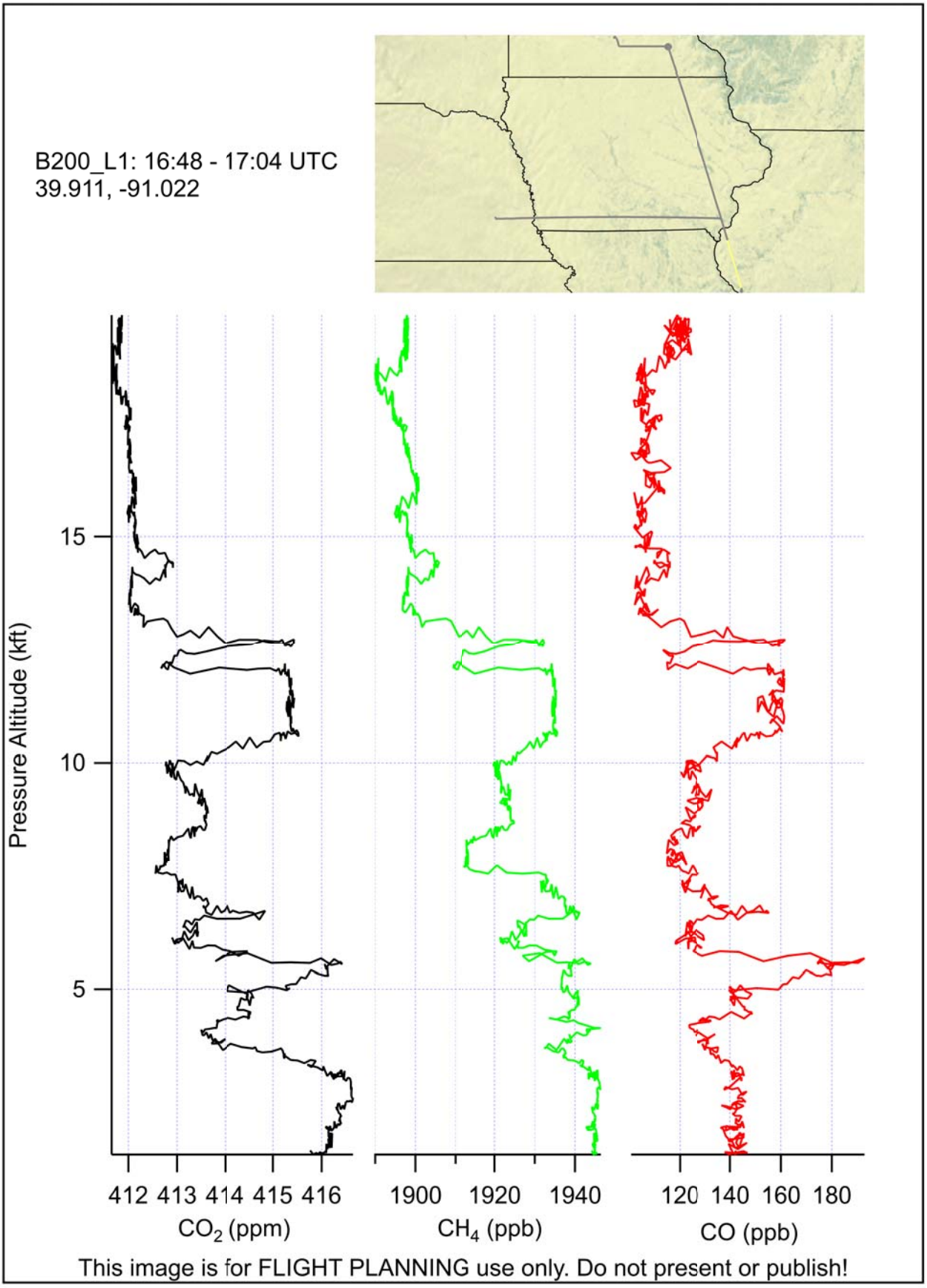
This image is for FLIGHT PLANNING use only. Do not present or publish!

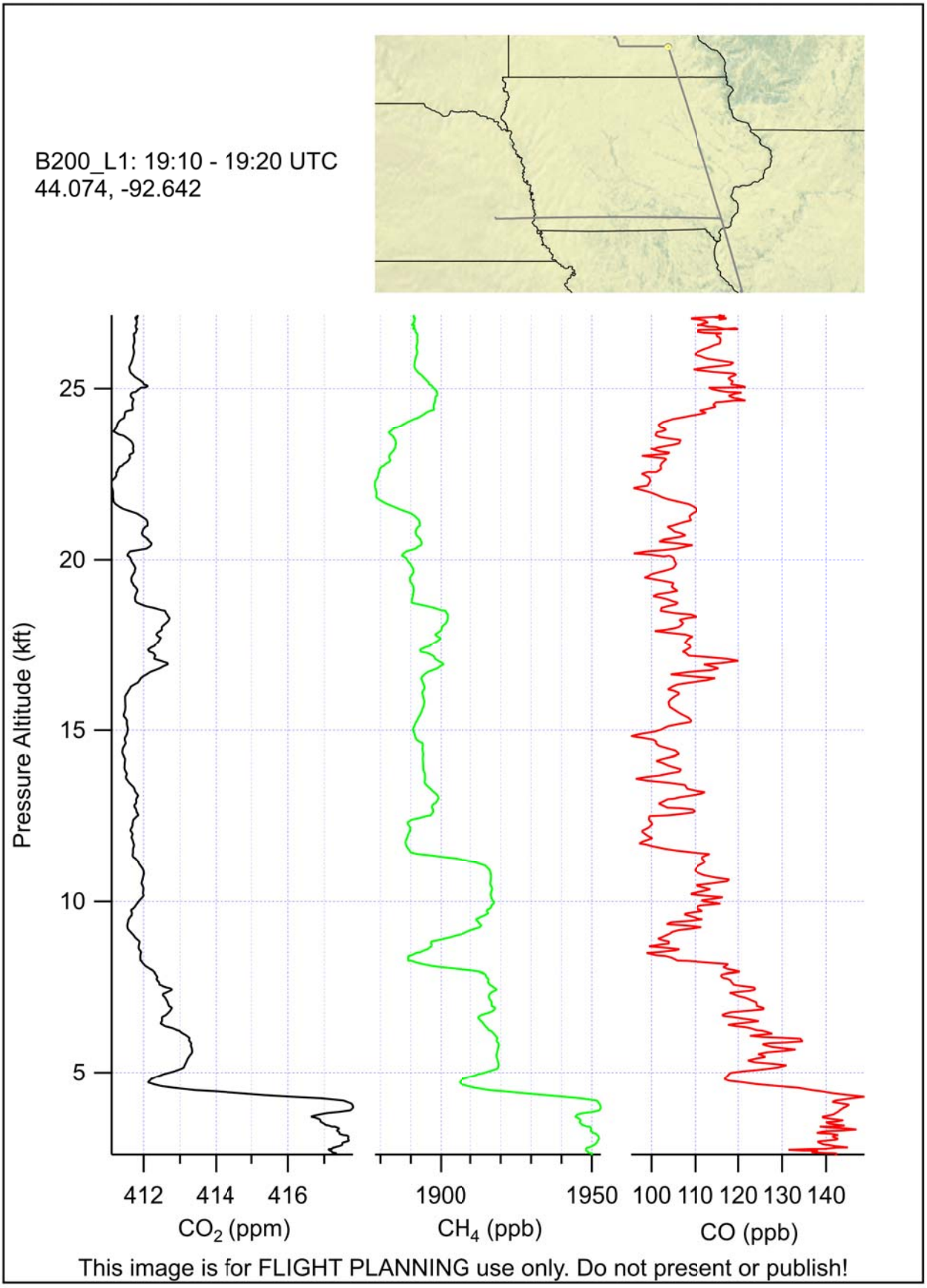
C130: 21:24 - 21:44 UTC
40.879, -96.076

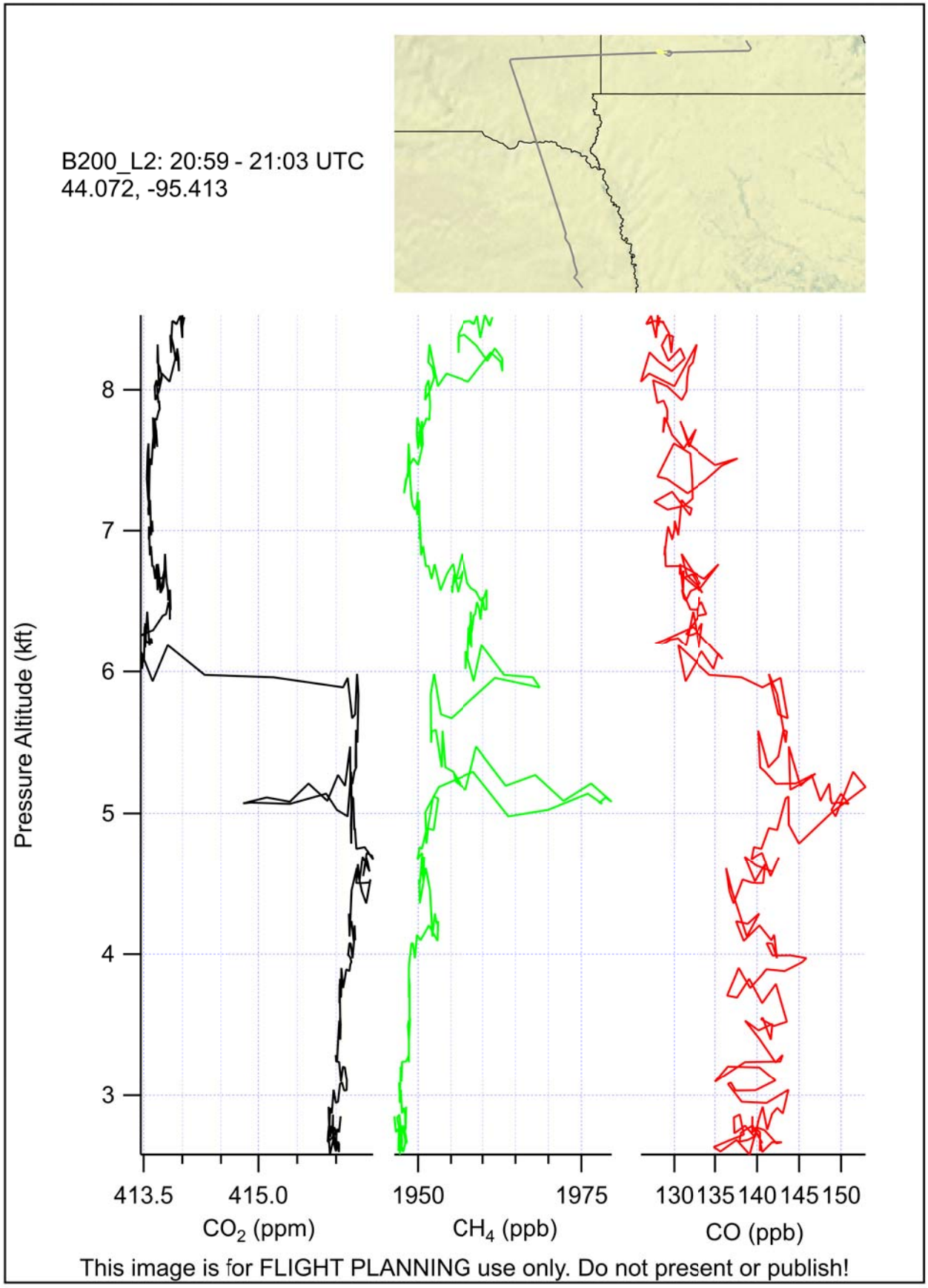


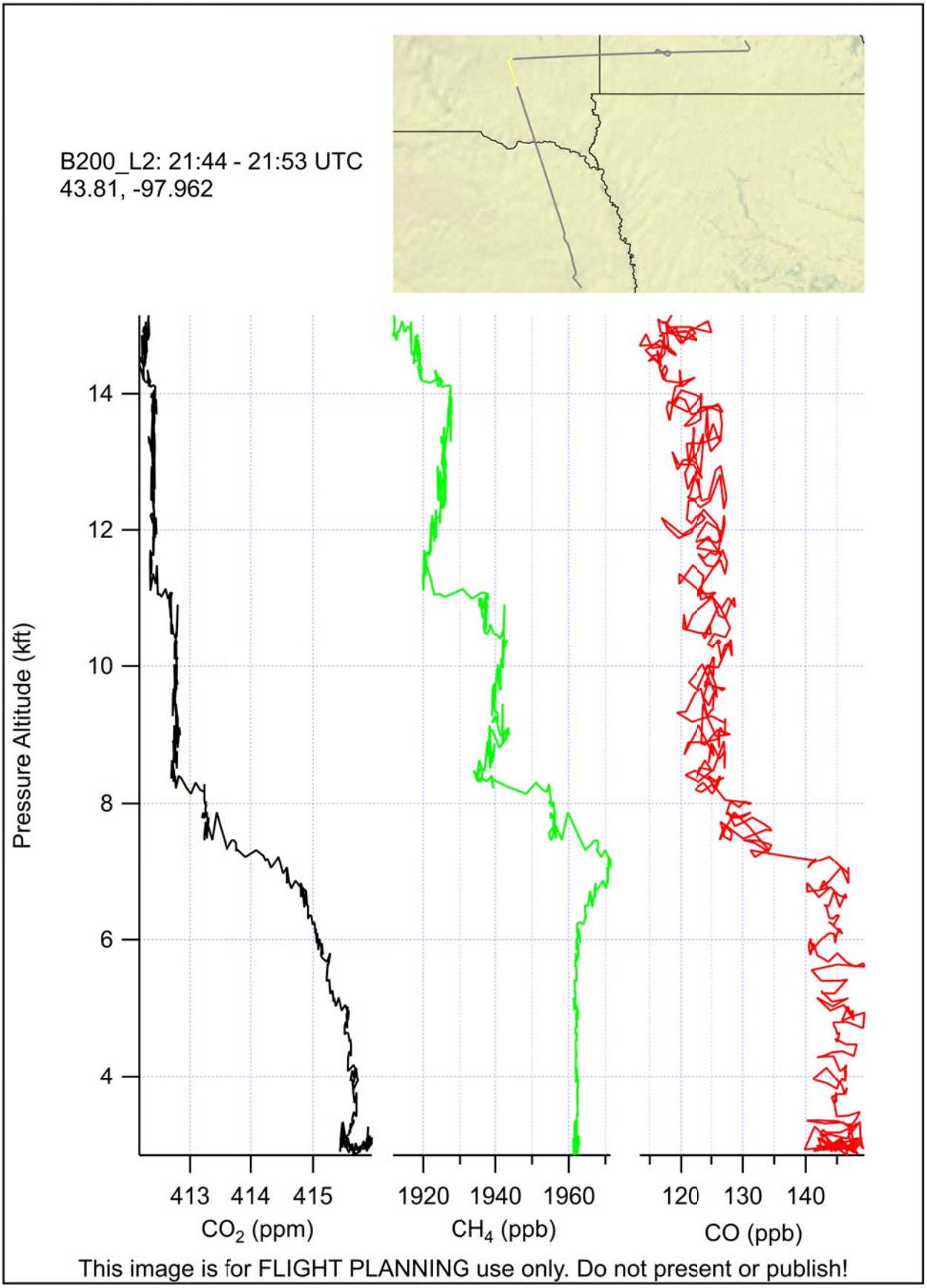
This image is for FLIGHT PLANNING use only. Do not present or publish!

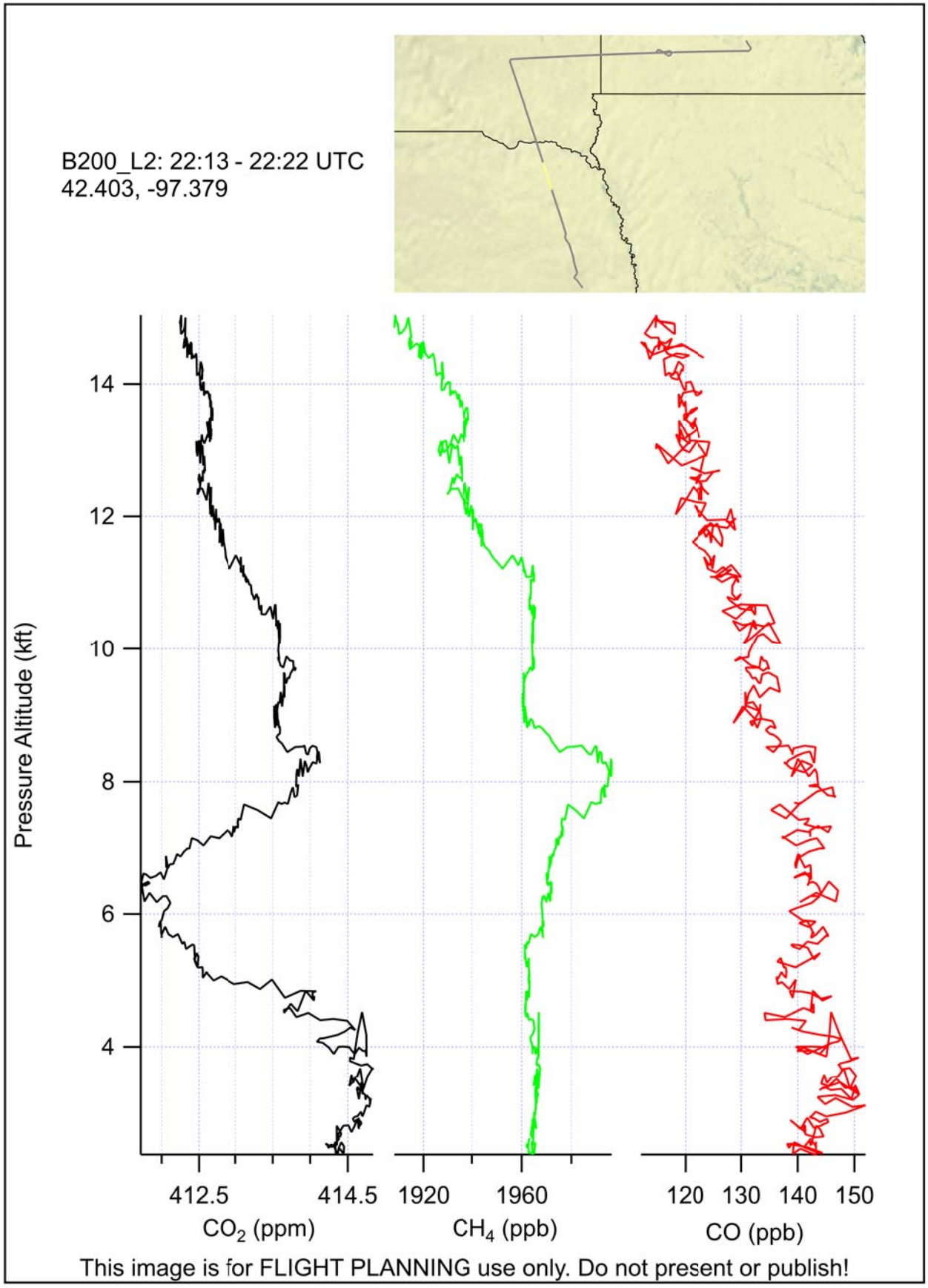

B200_L1: 15:38 - 15:51 UTC
40.815, -96.407
Pressure Altitude (kft)
14
12
10
8
6
4
2
414
416
418
CO_2 (ppm)
1940
1960
1980
CH_4 (ppb)
120130140150160170
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

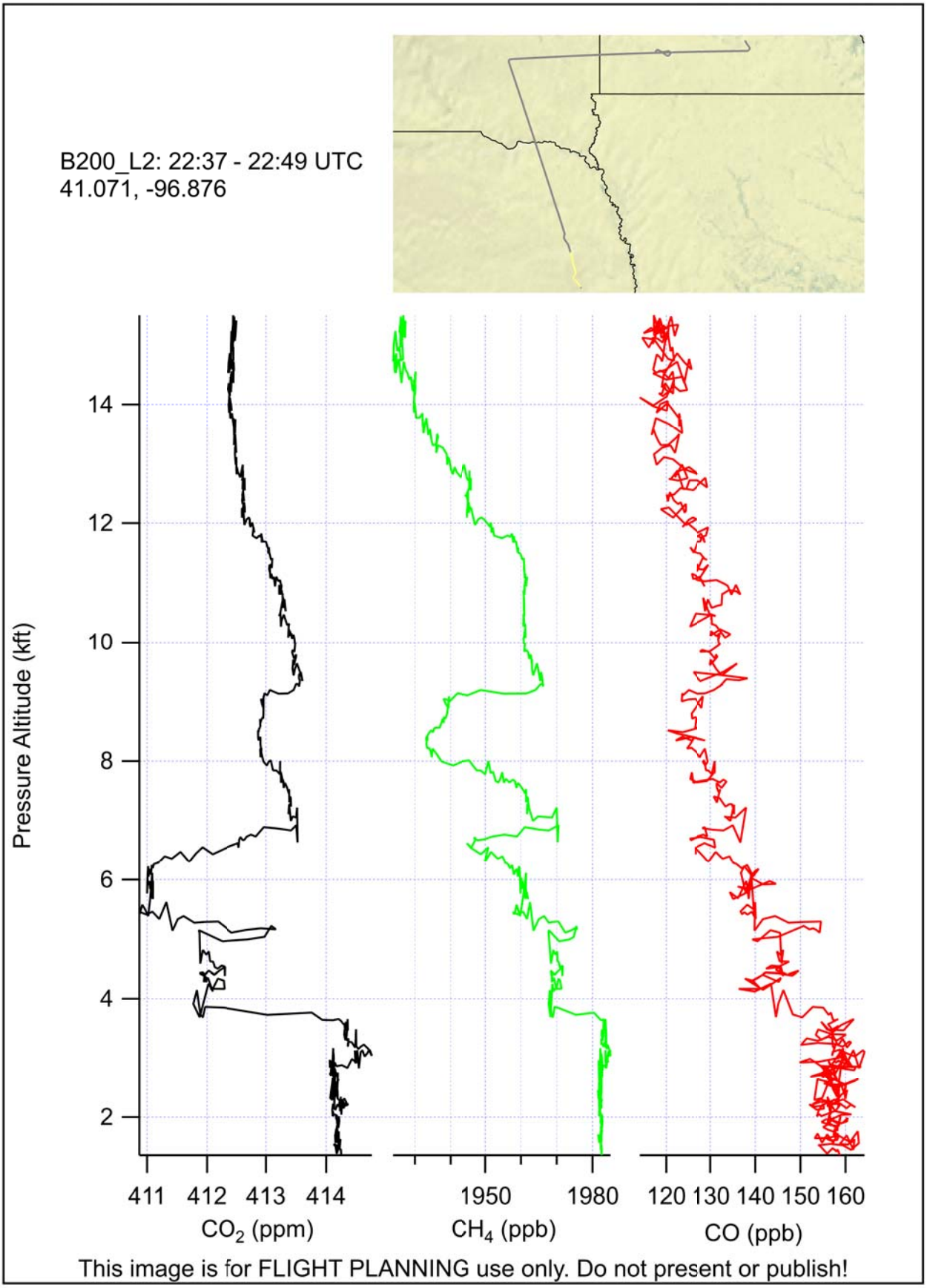

B200_L1: 16:48 - 17:04 UTC
39.911, -91.022
Pressure Altitude (kft)
15
10
5
412 413 414 415 416
CO2 (ppm)
1900 1920 1940
CH4 (ppb)
120 140 160 180
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

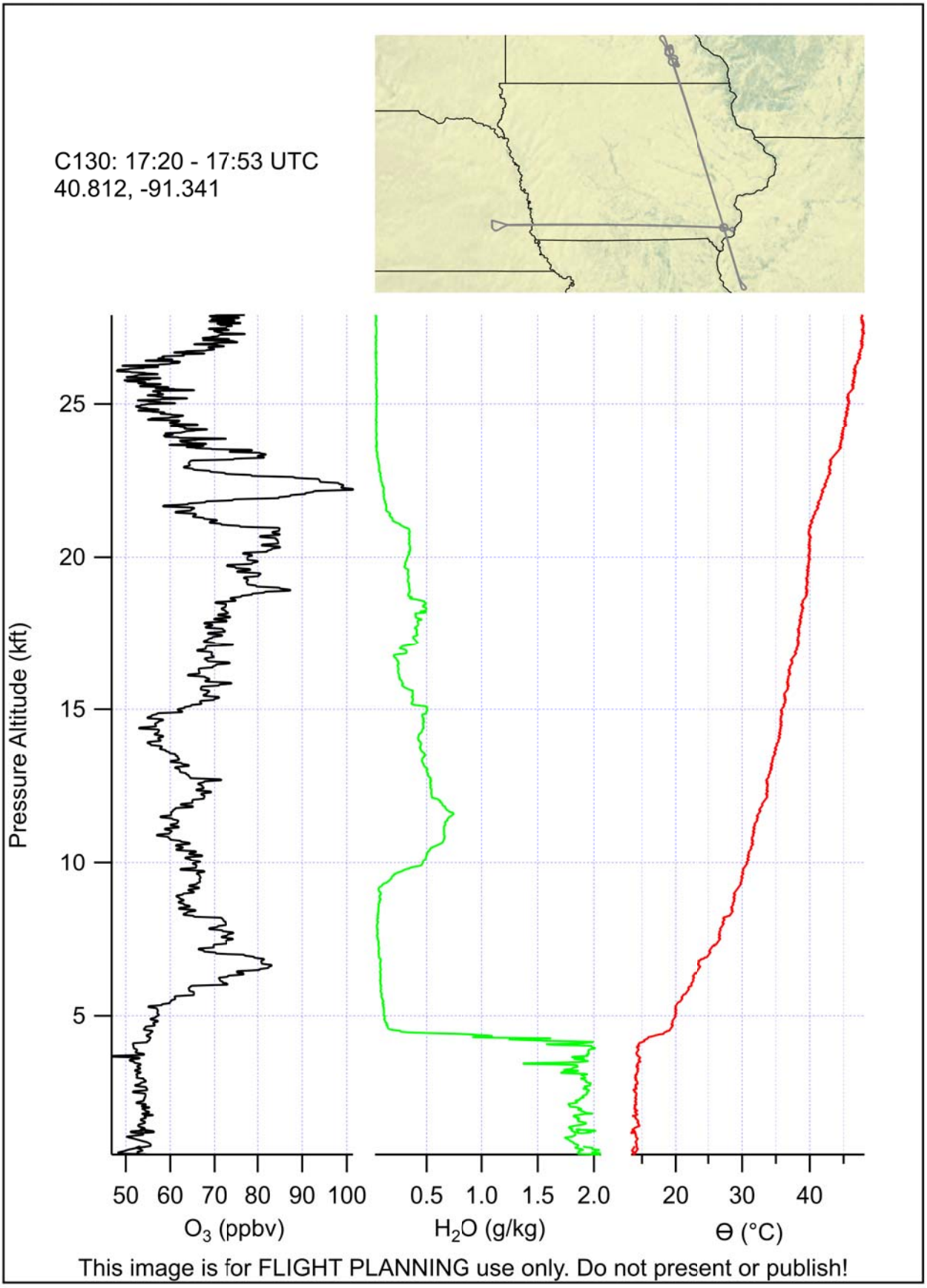

B200_L1: 19:10 - 19:20 UTC
44.074, -92.642
Pressure Altitude (kft)
25
20
15
10
5
412
414
416
CO_2 (ppm)
1900
1950
CH_4 (ppb)
100 110 120 130 140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

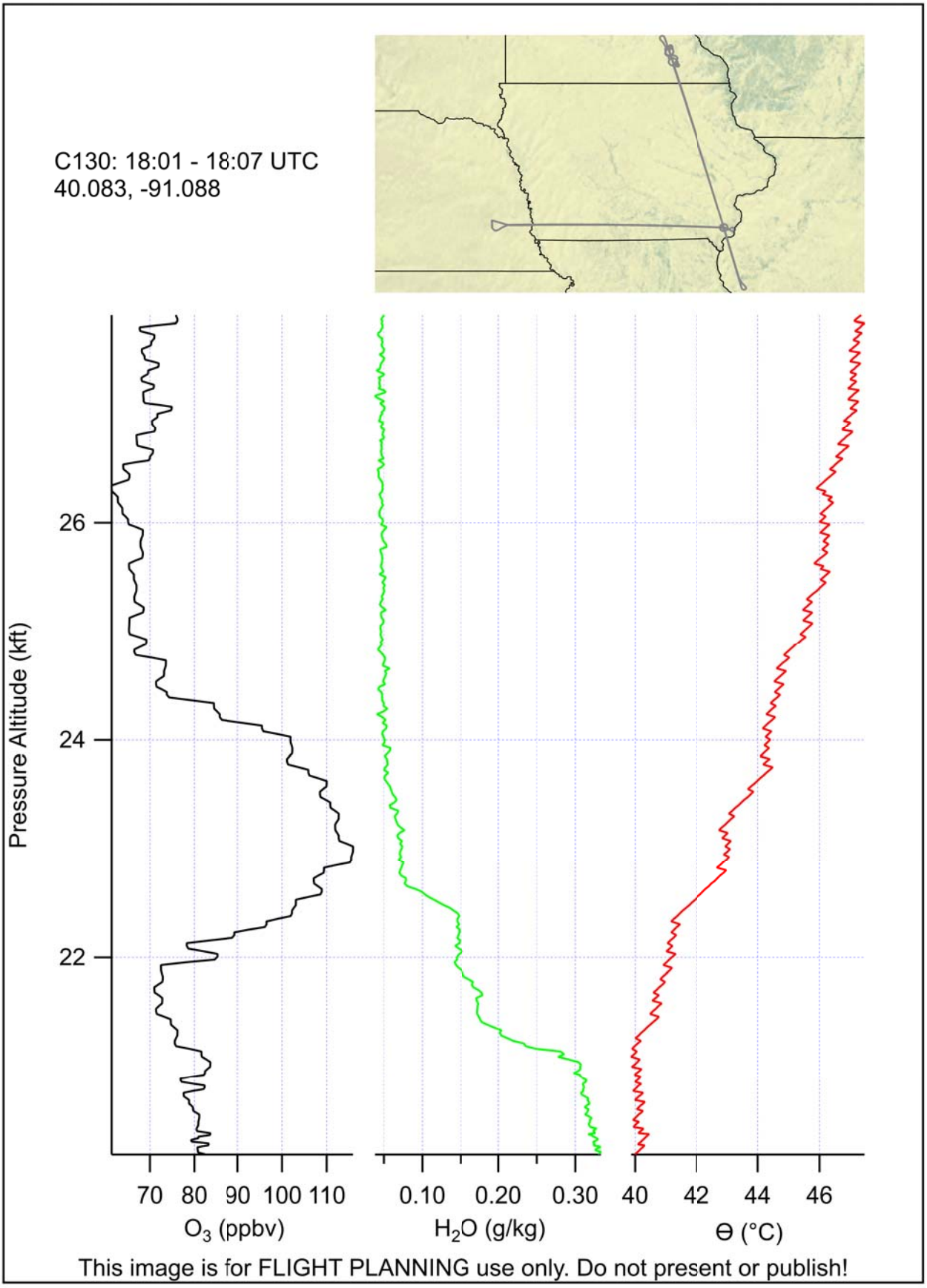

B200_L2: 20:59 - 21:03 UTC
44.072, -95.413
Pressure Altitude (kft)
8
7
6
5
4
3
413.5
415.0
CO2 (ppm)
1950
1975
CH4 (ppb)
130 135 140 145 150
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

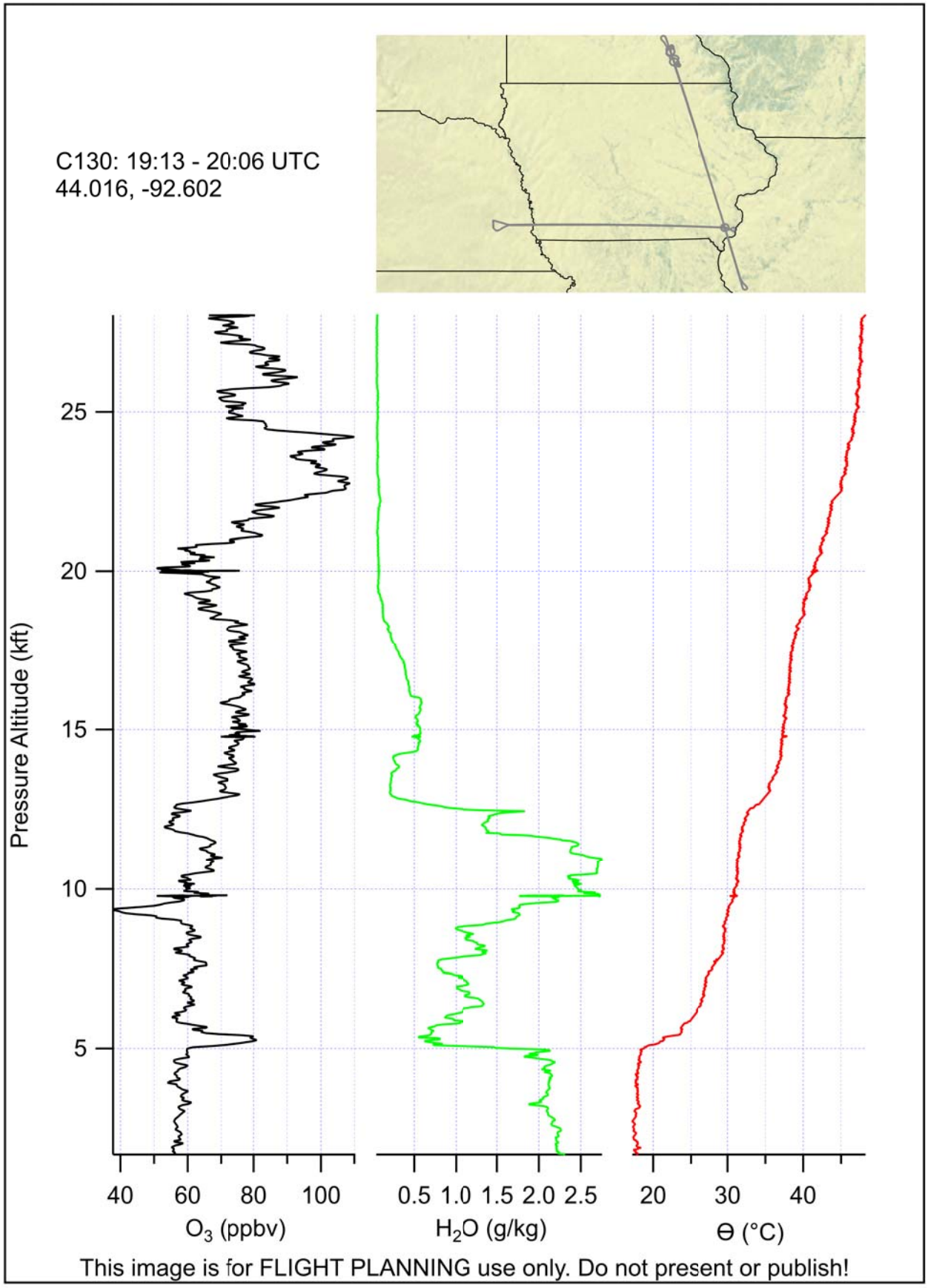

B200_L2: 21:44 - 21:53 UTC
43.81, -97.962
Pressure Altitude (kft)
14
12
10
8
6
4
413 414 415
CO_2 (ppm)
1920 1940 1960
CH_4 (ppb)
120 130 140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

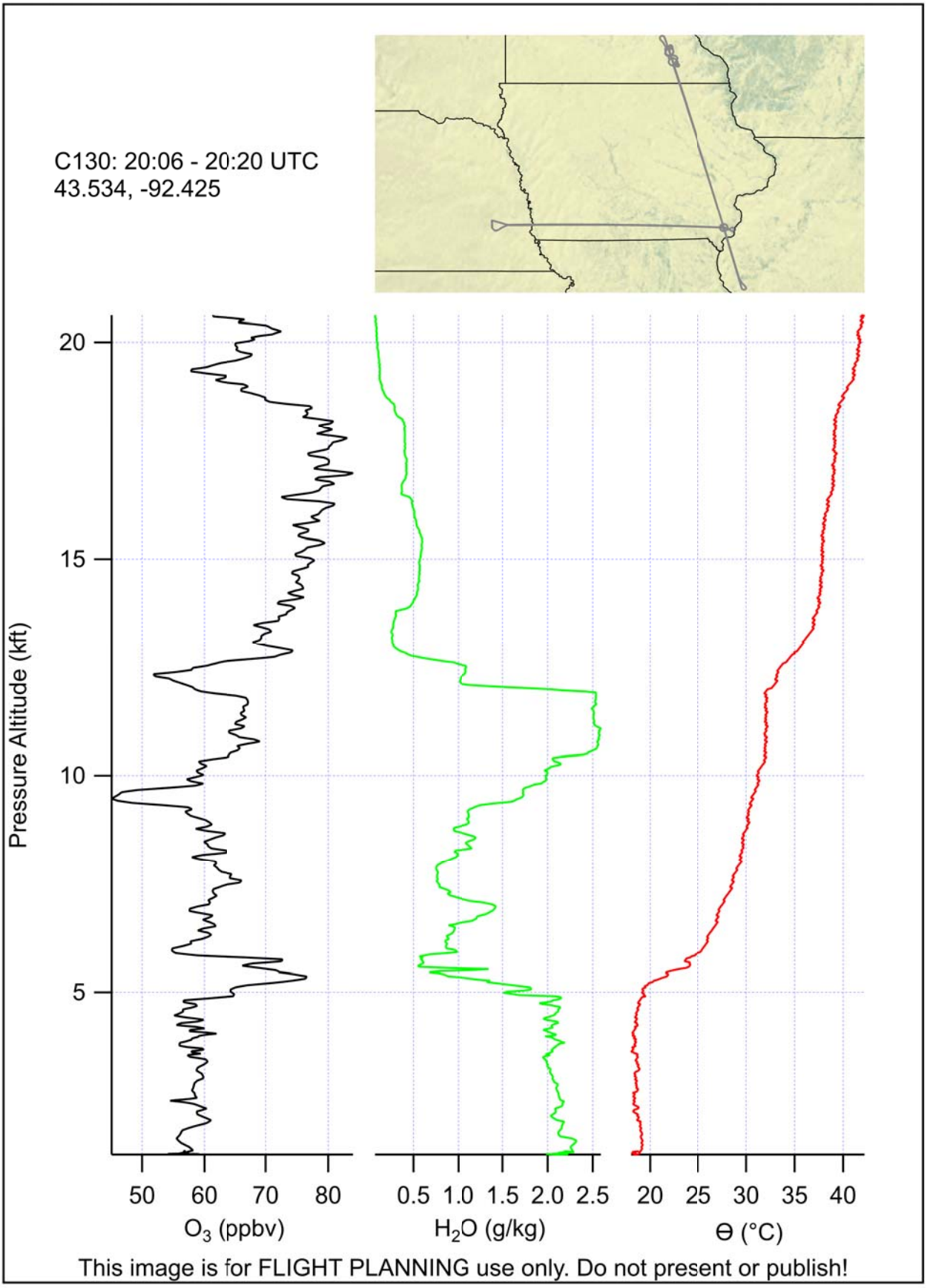

B200_L2: 22:13 - 22:22 UTC
42.403, -97.379
Pressure Altitude (kft)
14
12
10
8
6
4
412.5
414.5
CO_2 (ppm)
1920
1960
CH_4 (ppb)
120
130
140
150
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

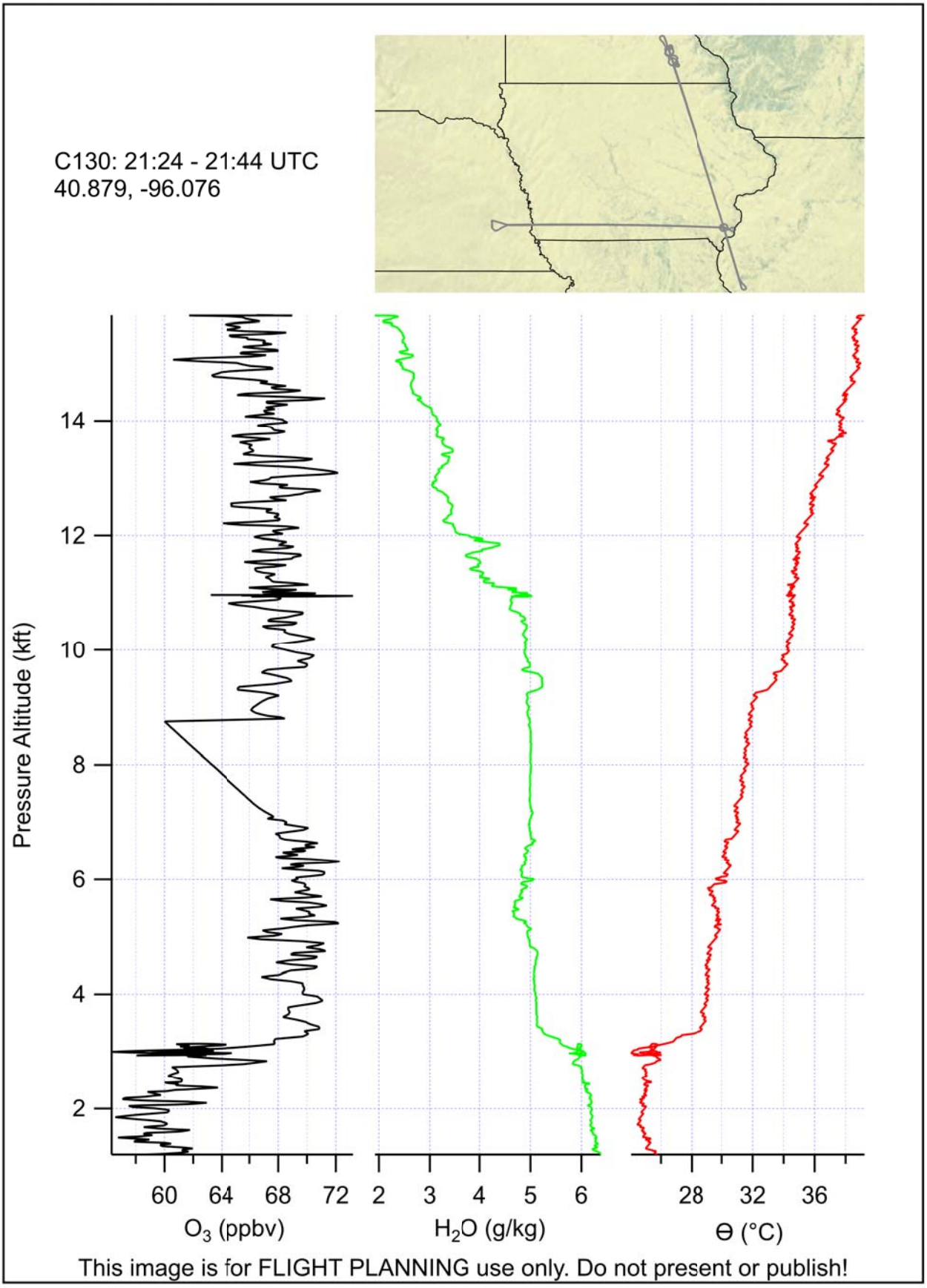

B200_L2: 22:37 - 22:49 UTC
41.071, -96.876
Pressure Altitude (kft)
14
12
10
8
6
4
2
411 412 413 414
CO2 (ppm)
1950 1980
CH4 (ppb)
120 130 140 150 160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

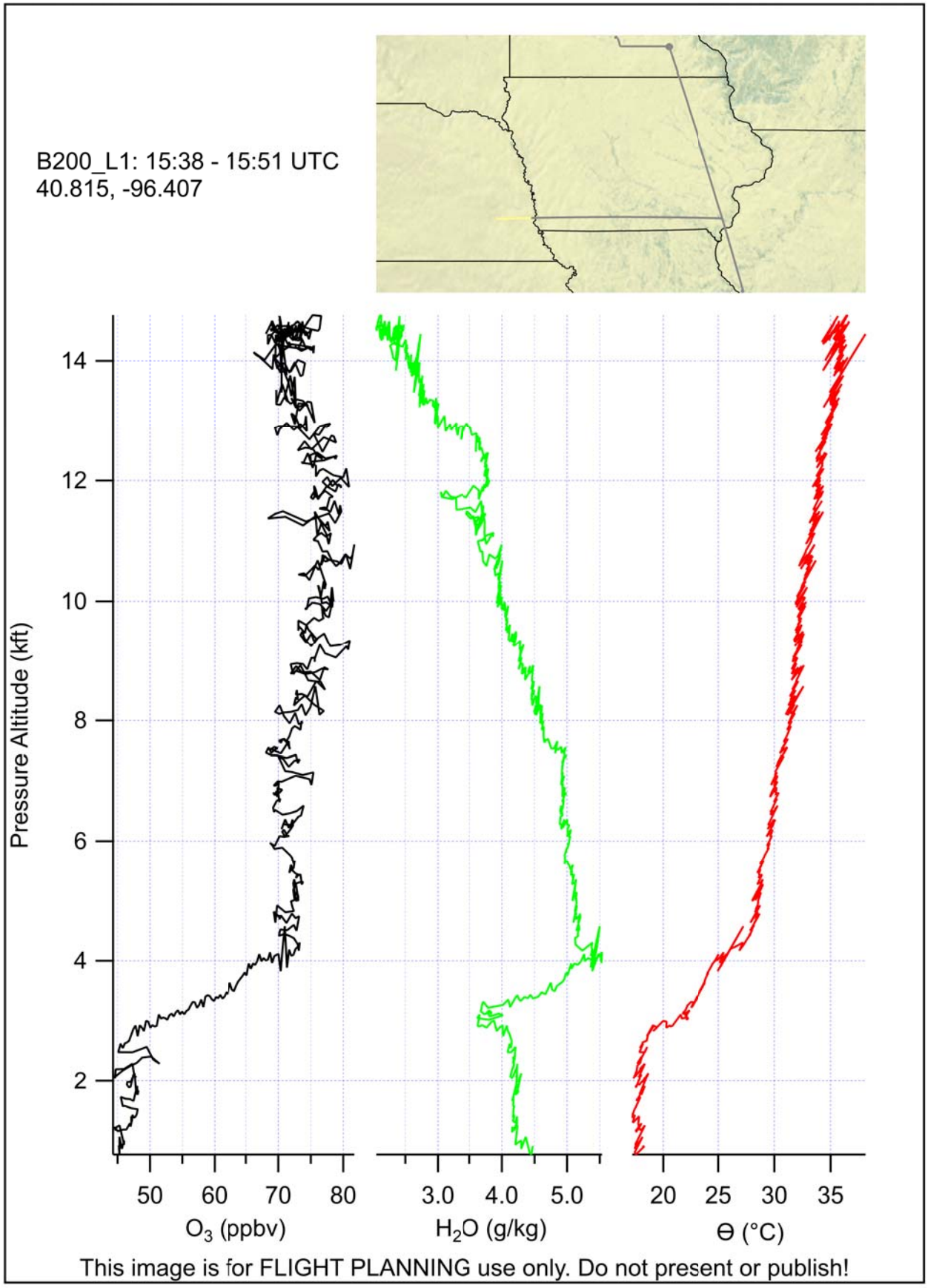

C130: 17:20 - 17:53 UTC
40.812, -91.341
Pressure Altitude (kft)
25
20
15
10
5
50 60 70 80 90 100
O3 (ppbv)
0.5 1.0 1.5 2.0
H2O (g/kg)
20 30 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

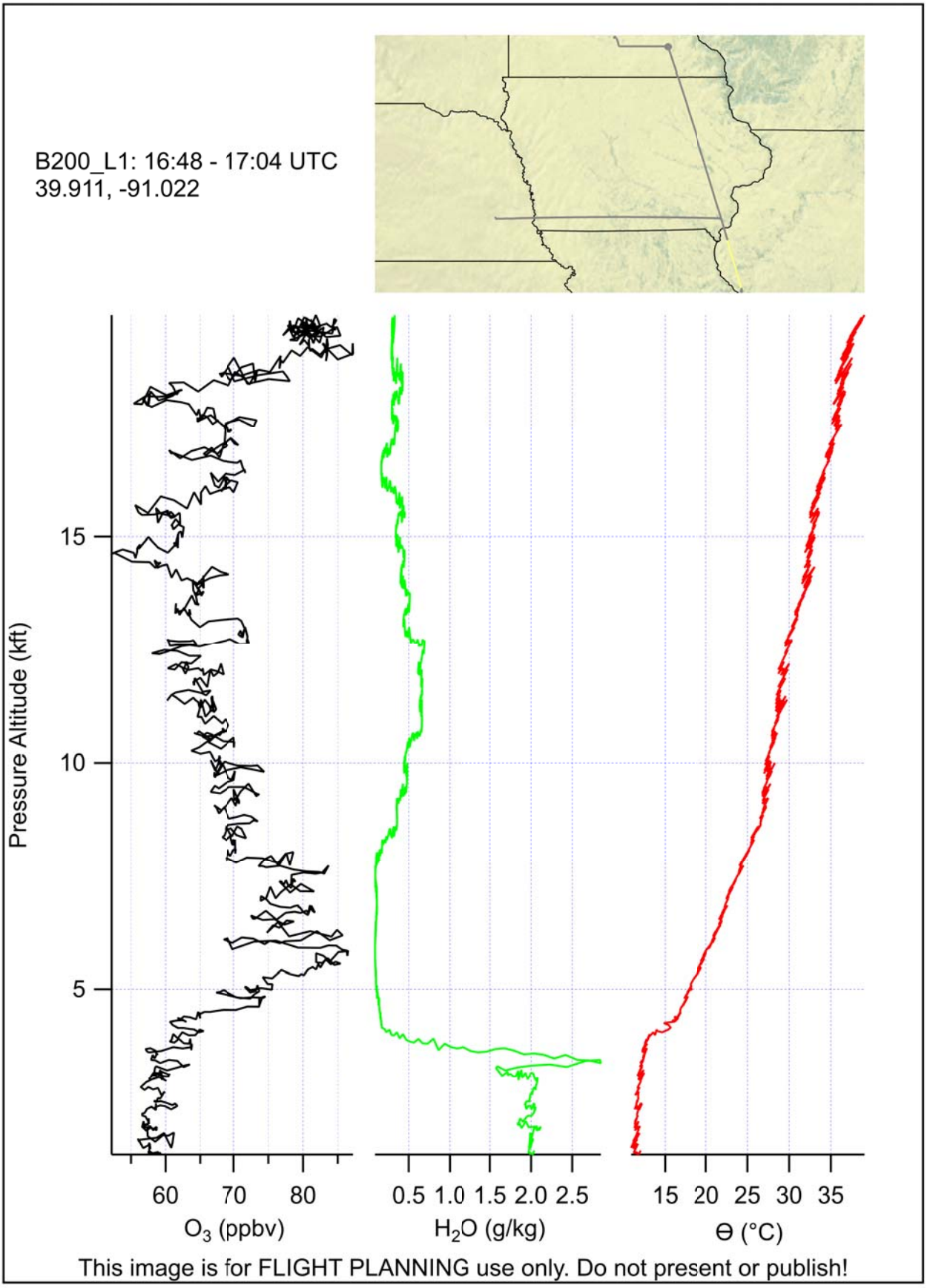

C130: 18:01 - 18:07 UTC
40.083, -91.088
Pressure Altitude (kft)
26
24
22
70 80 90 100 110
O3 (ppbv)
0.10 0.20 0.30
H2O (g/kg)
40 42 44 46
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:13 - 20:06 UTC
44.016, -92.602
Pressure Altitude (kft)
25
20
15
10
5
40
60
80
100
O3 (ppbv)
0.5 1.0 1.5 2.0 2.5
H2O (g/kg)
20
30
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:06 - 20:20 UTC
43.534, -92.425
Pressure Altitude (kft)
20
15
10
5
50 60 70 80
O3 (ppbv)
0.5 1.0 1.5 2.0 2.5
H2O (g/kg)
20 25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 21:24 - 21:44 UTC
40.879, -96.076
Pressure Altitude (kft)
14
12
10
8
6
4
2
60
64
68
72
O_3 (ppbv)
2
3
4
5
6
H_2O (g/kg)
28
32
36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 15:38 - 15:51 UTC
40.815, -96.407
Pressure Altitude (kft)
14
12
10
8
6
4
2
50
60
70
80
O3 (ppbv)
3.0
4.0
5.0
H2O (g/kg)
20
25
30
35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 16:48 - 17:04 UTC
39.911, -91.022
Pressure Altitude (kft)
15
10
5
60 70 80
O3 (ppbv)
0.5 1.0 1.5 2.0 2.5
H2O (g/kg)
15 20 25 30 35
Θ (°C)
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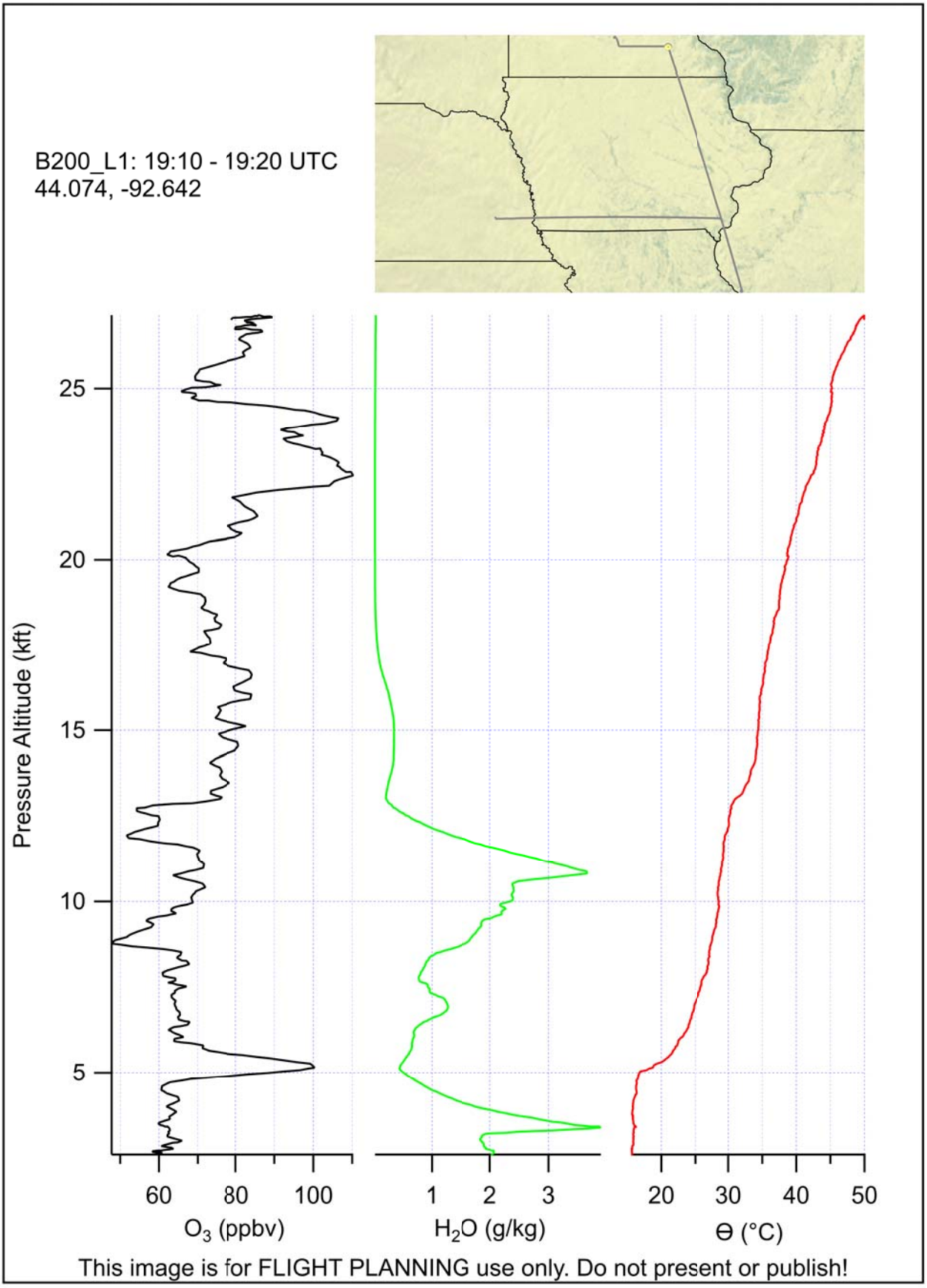
B200_L1: 19:10 - 19:20 UTC
44.074, -92.642
Pressure Altitude (kft)
25
20
15
10
5
60
80
100
O3 (ppbv)
1
2
3
H2O (g/kg)
20
30
40
50
Θ (°C)
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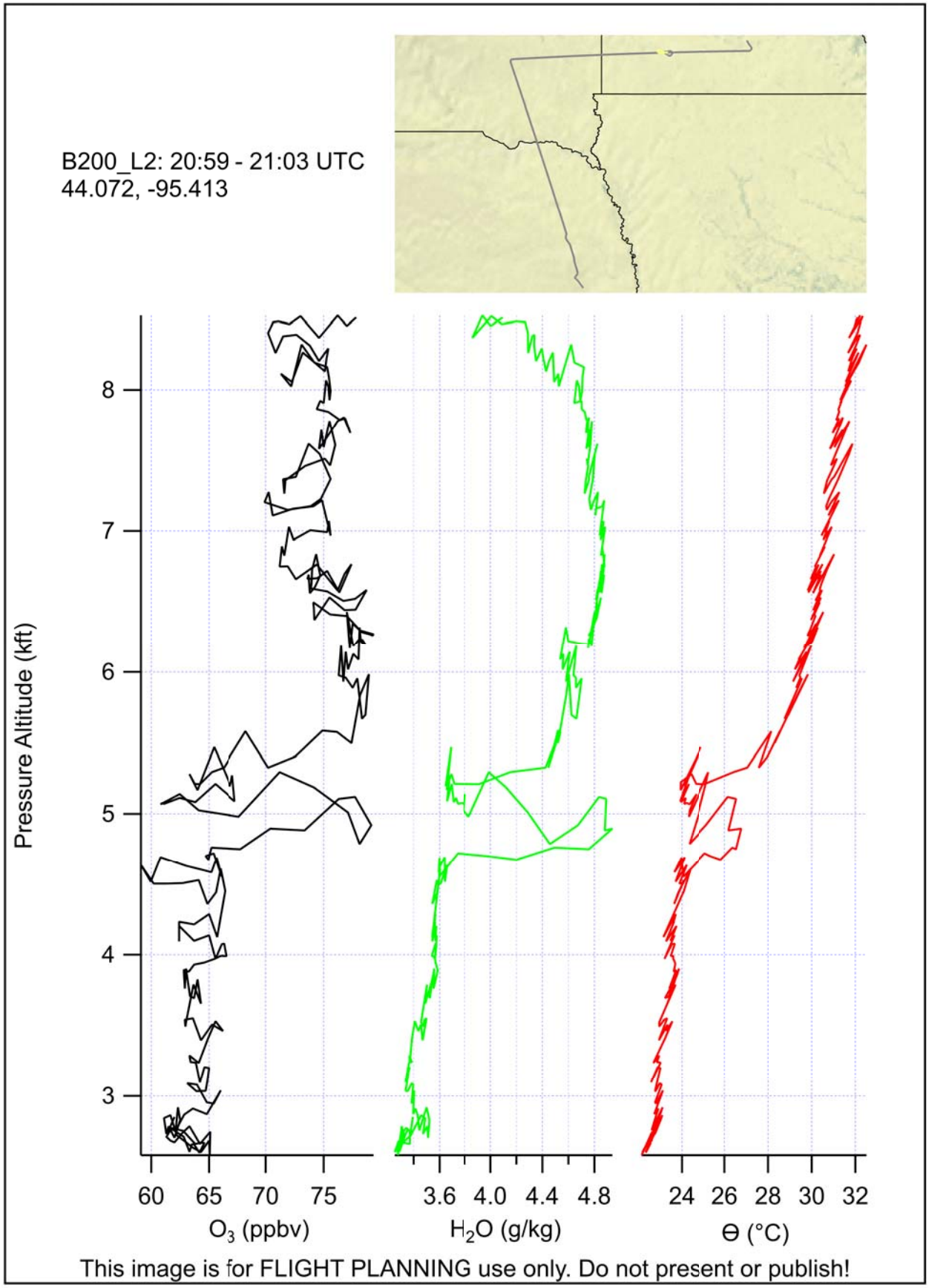
B200_L2: 20:59 - 21:03 UTC
44.072, -95.413
Pressure Altitude (kft)
8
7
6
5
4
3
60 65 70 75
O3 (ppbv)
3.6 4.0 4.4 4.8
H2O (g/kg)
24 26 28 30 32
Θ (°C)
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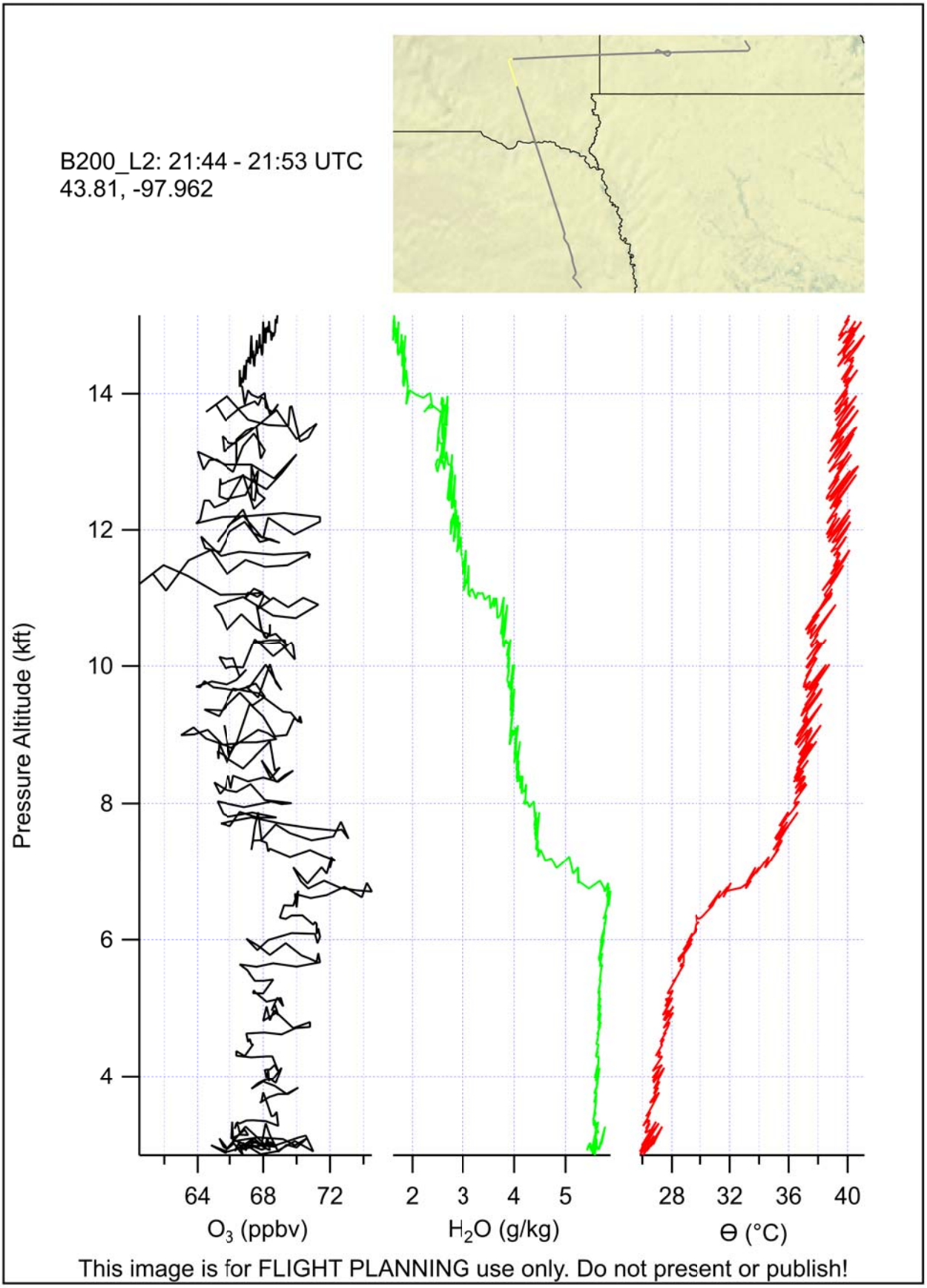
B200_L2: 21:44 - 21:53 UTC
43.81, -97.962
Pressure Altitude (kft)
14
12
10
8
6
4
64
68
72
O3 (ppbv)
2
3
4
5
H2O (g/kg)
28
32
36
40
Θ (°C)
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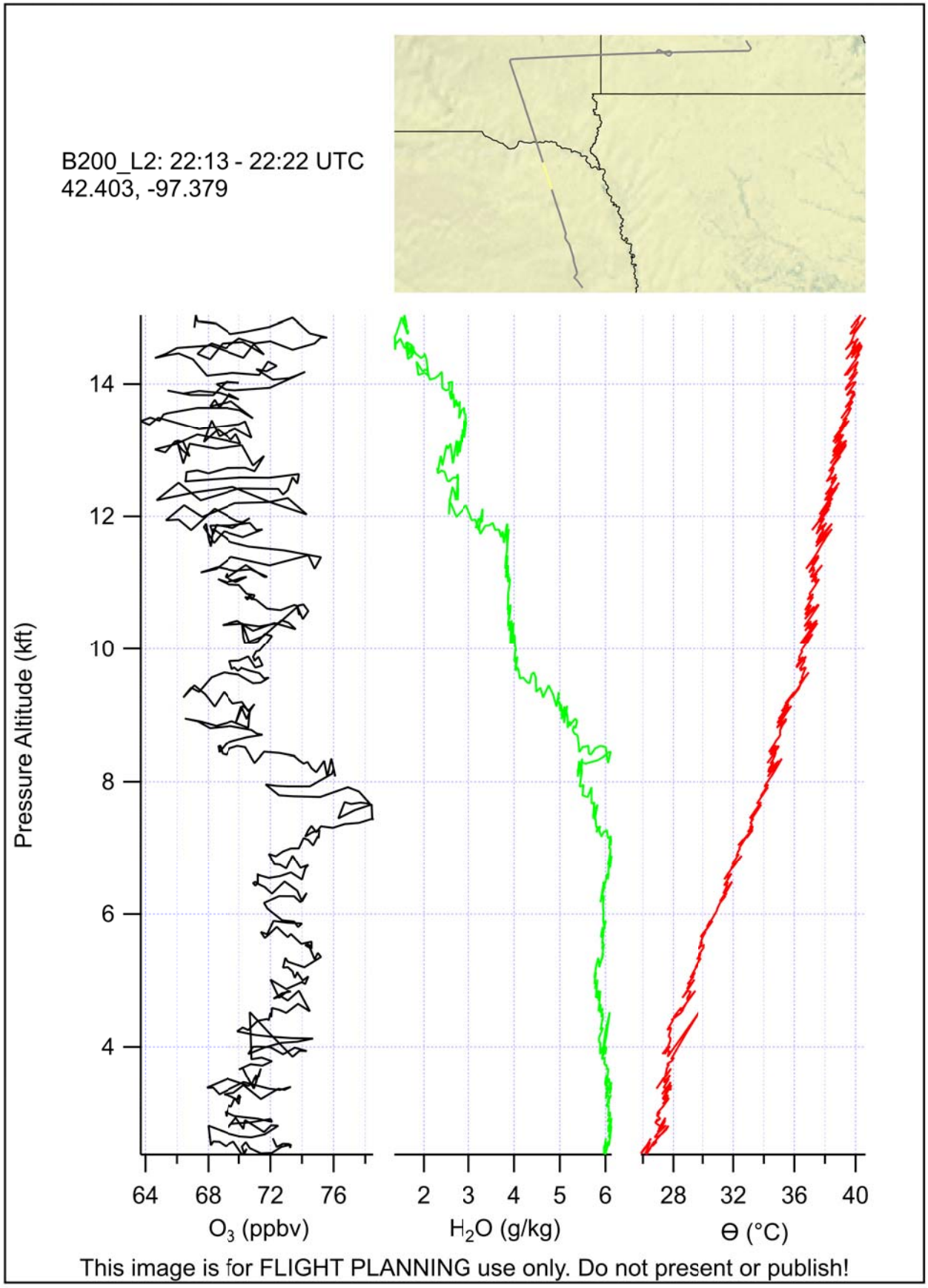
B200_L2: 22:13 - 22:22 UTC
42.403, -97.379
Pressure Altitude (kft)
14
12
10
8
6
4
64
68
72
76
O3 (ppbv)
2
3
4
5
6
H2O (g/kg)
28
32
36
40
Θ (°C)
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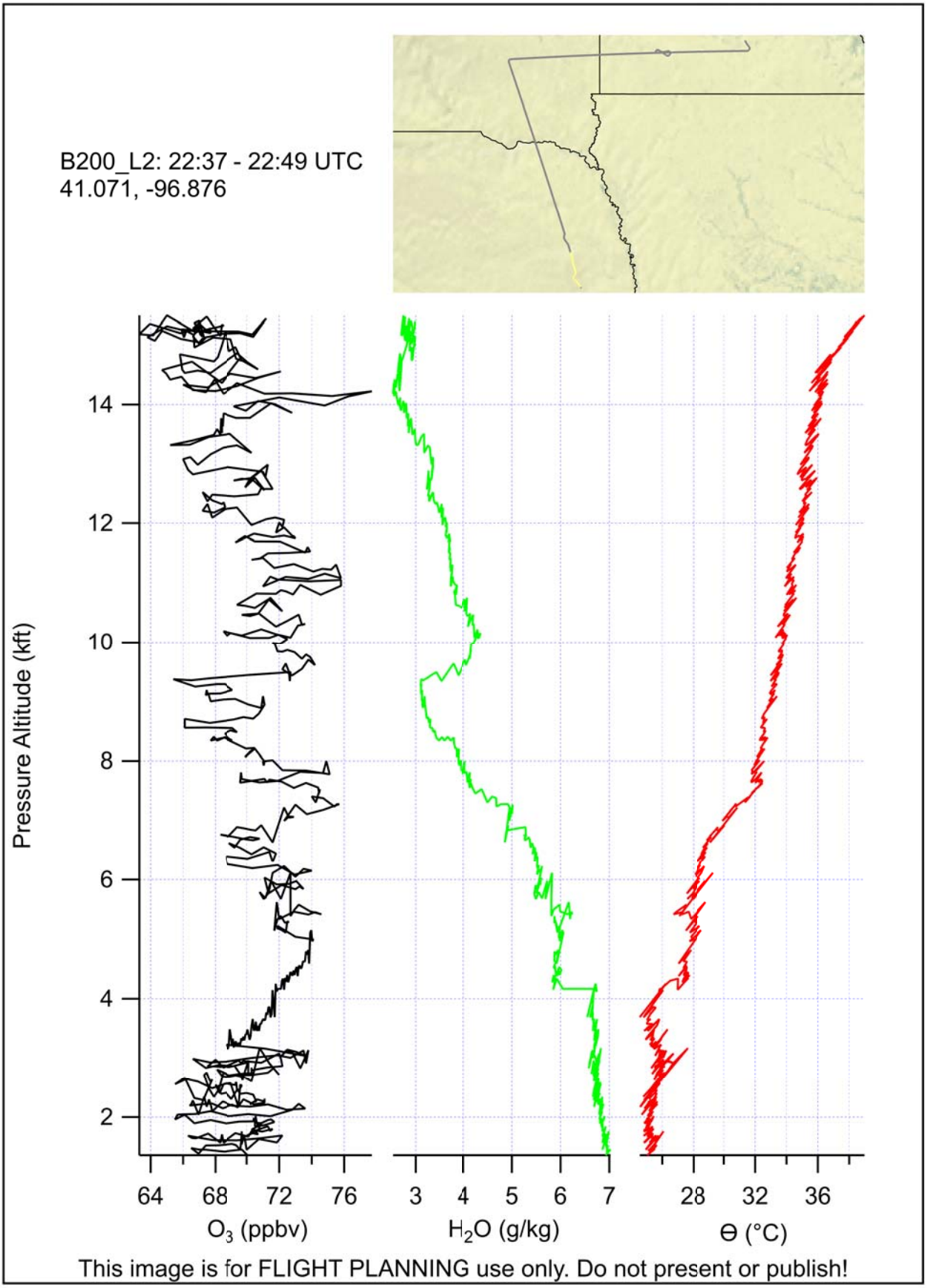
B200_L2: 22:37 - 22:49 UTC
41.071, -96.876
Pressure Altitude (kft)
14
12
10
8
6
4
2
64
68
72
76
O3 (ppbv)
3
4
5
6
7
H2O (g/kg)
28
32
36
Θ (°C)
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