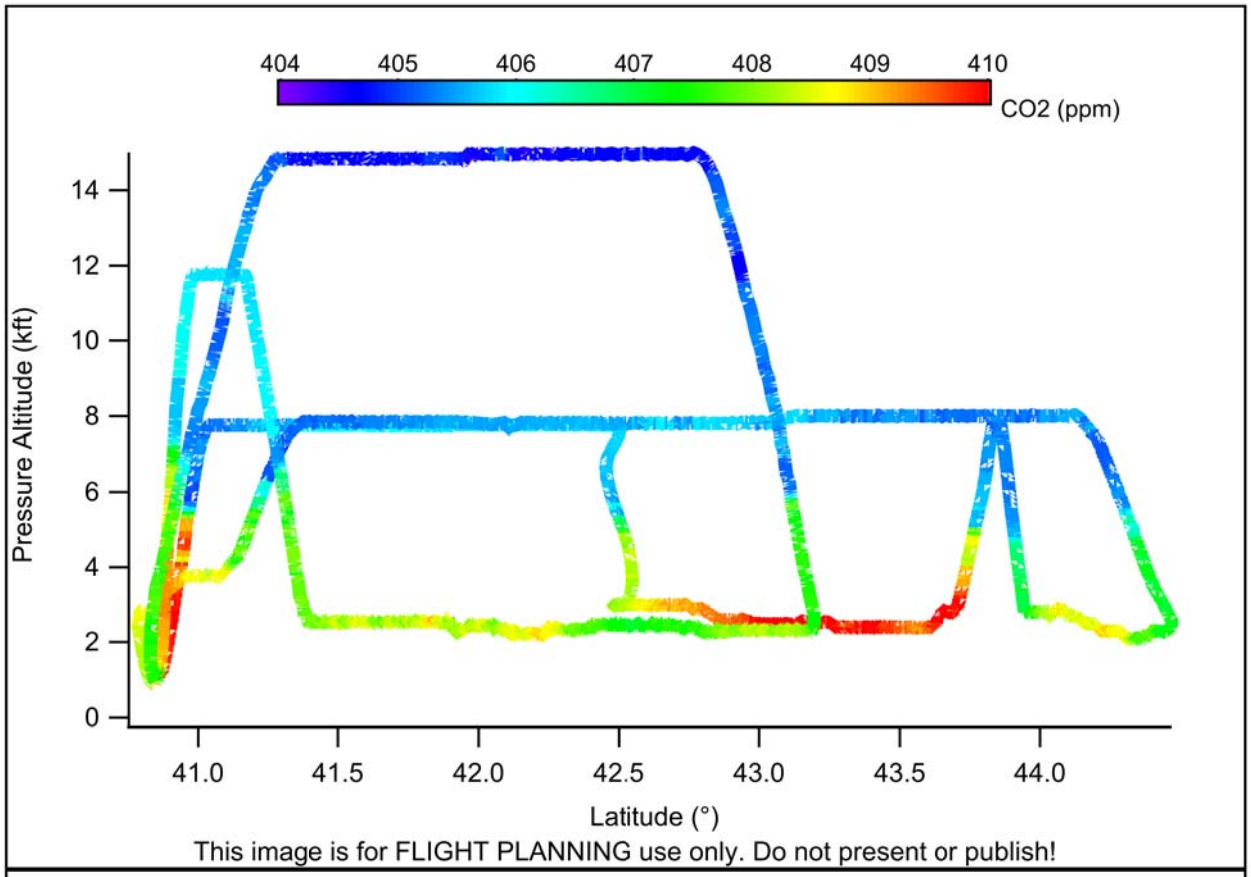
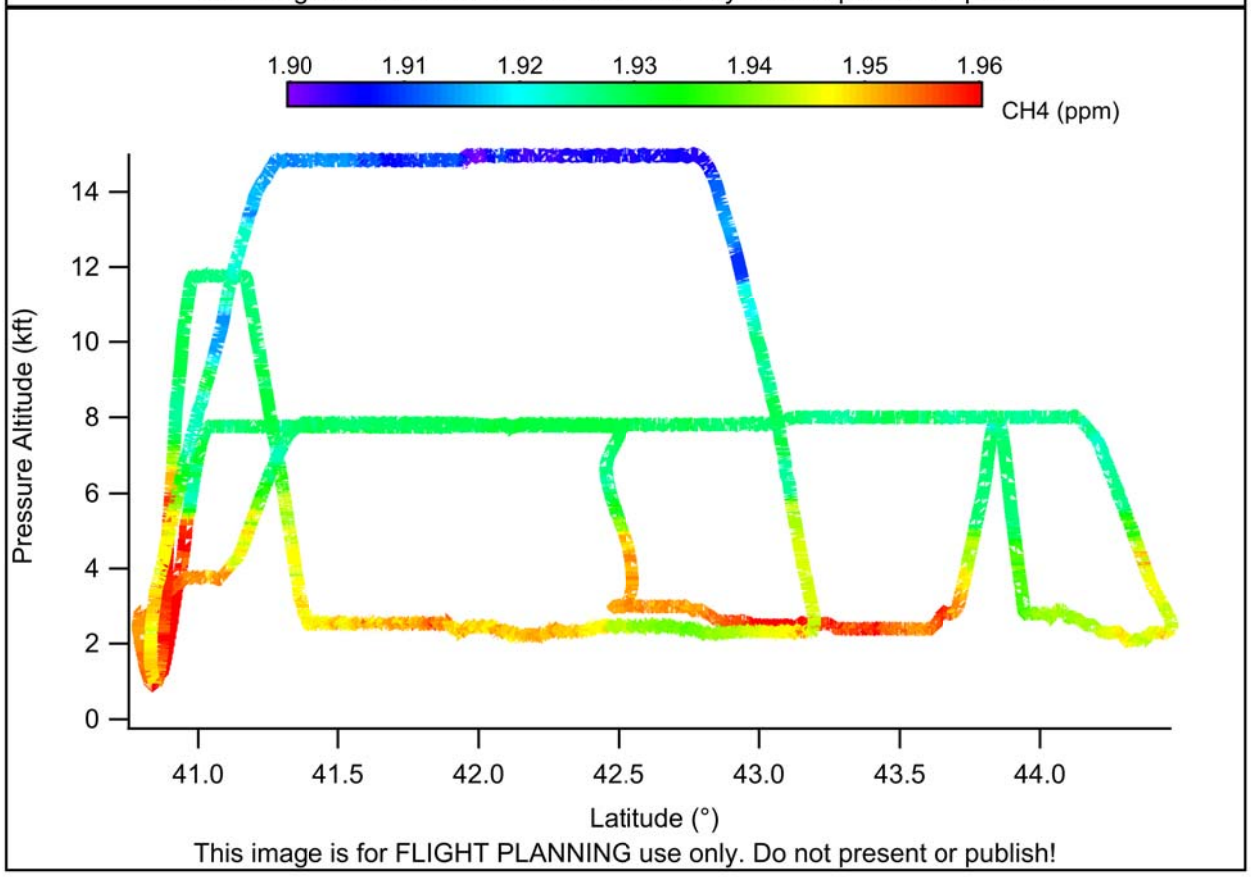
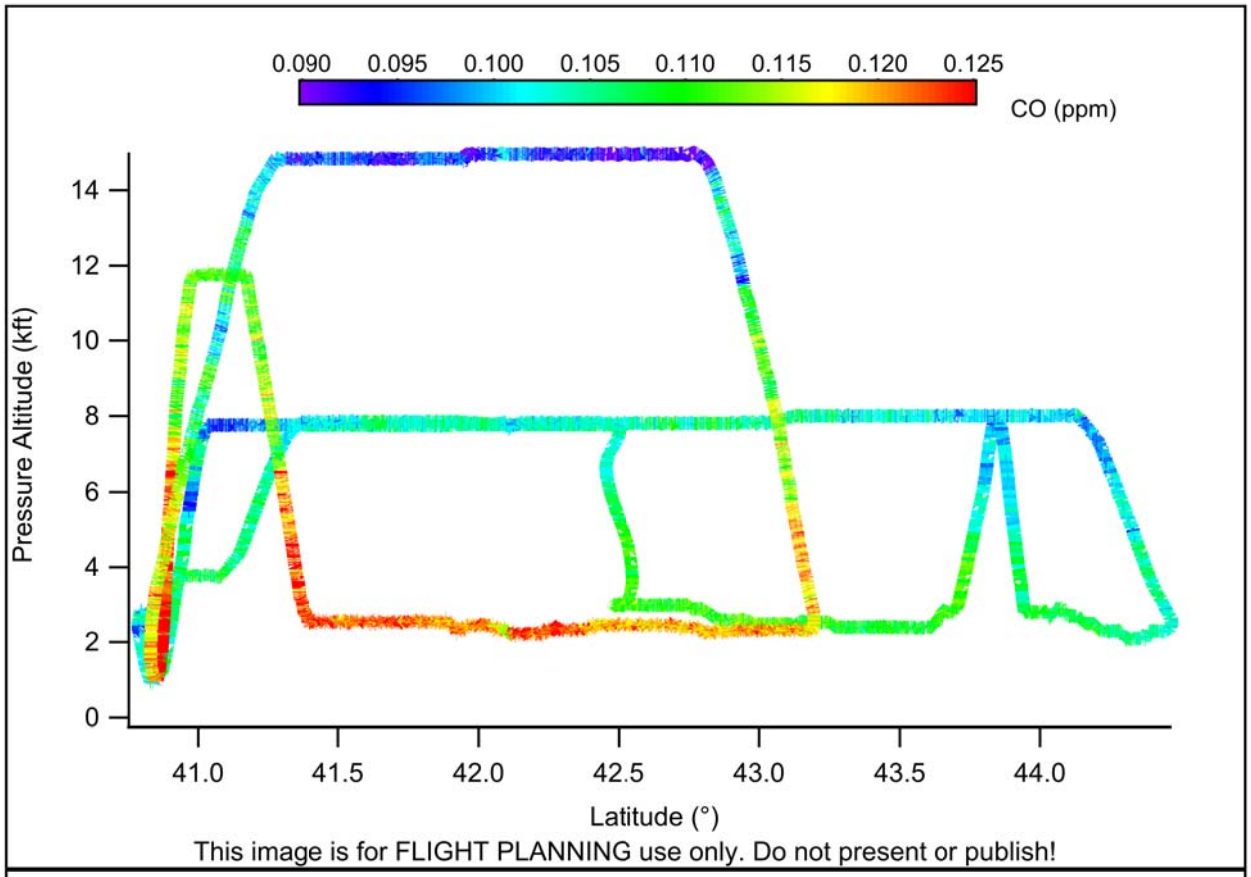
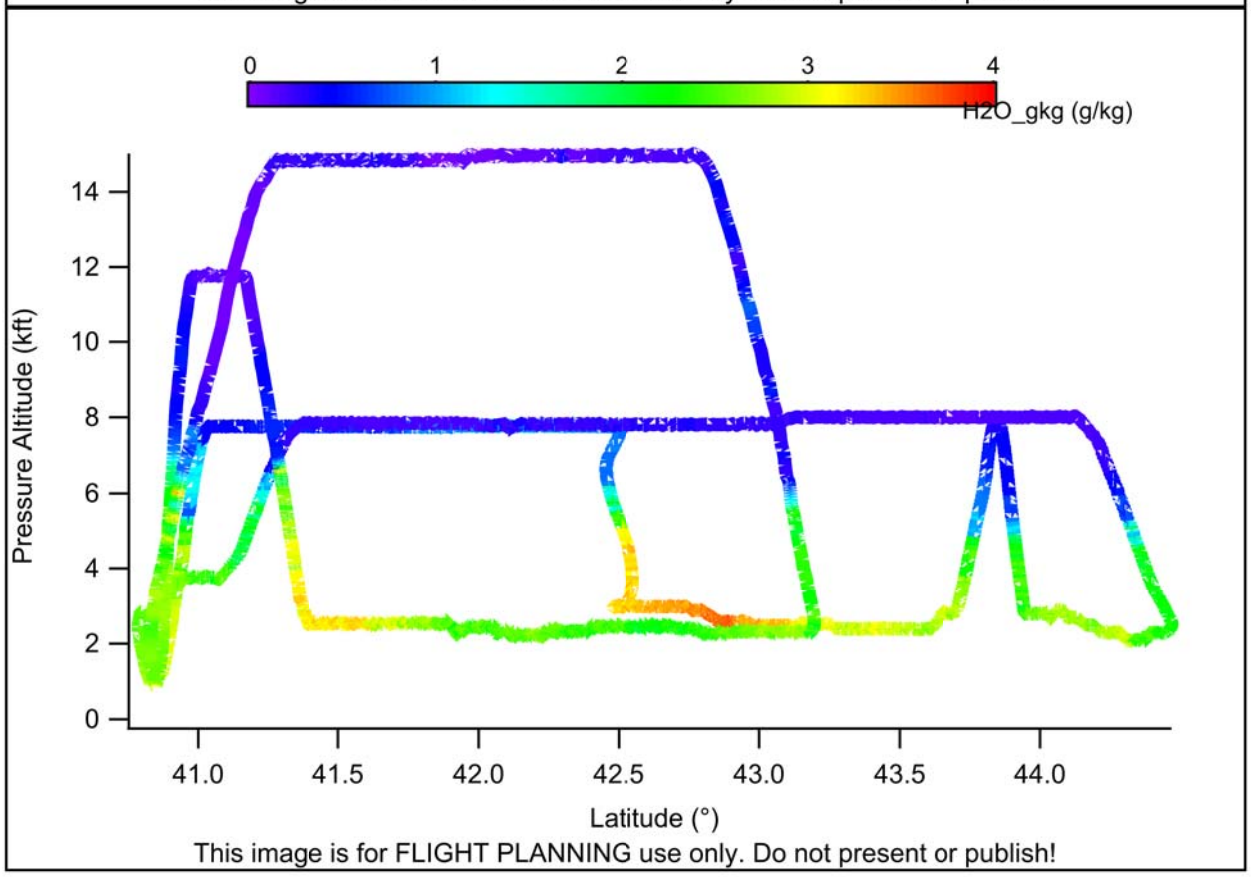
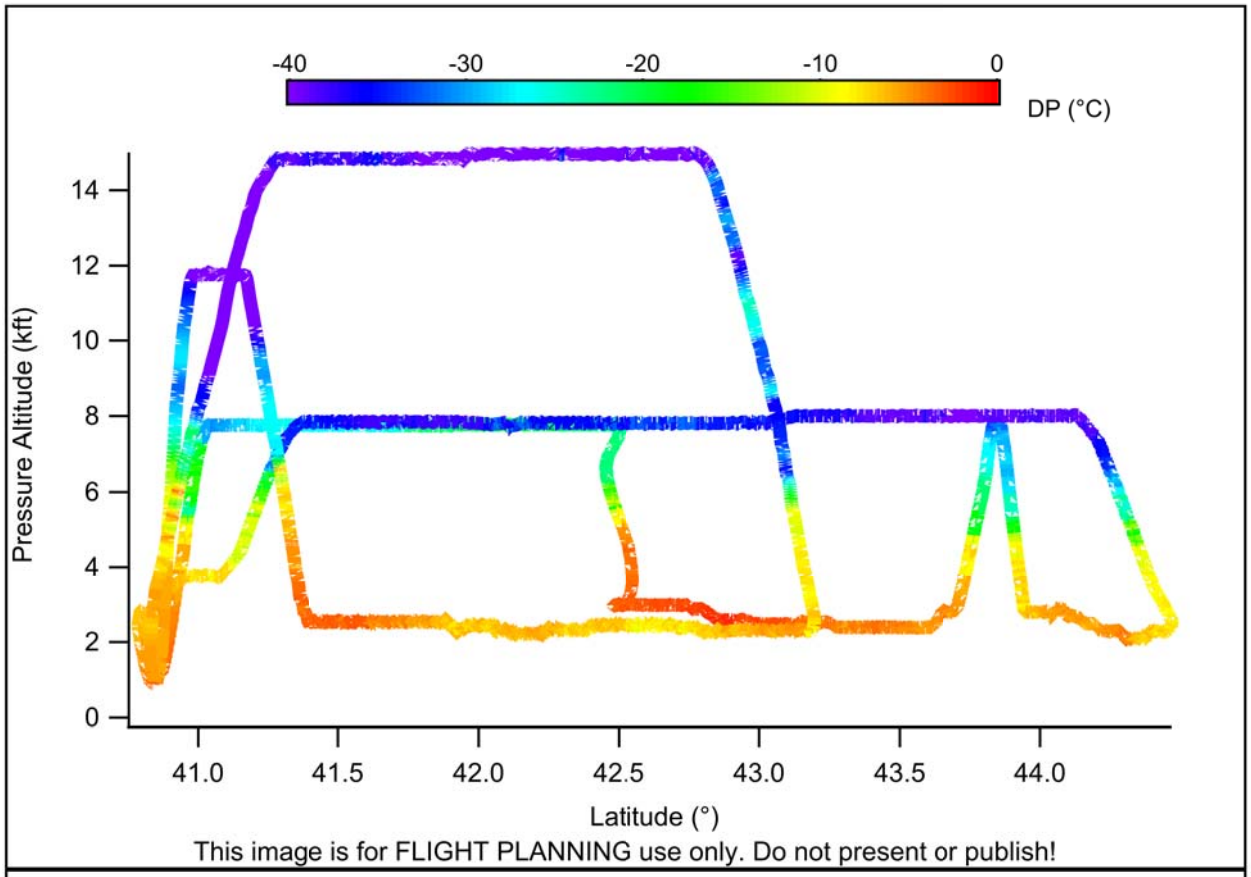
ACT-America 20171024

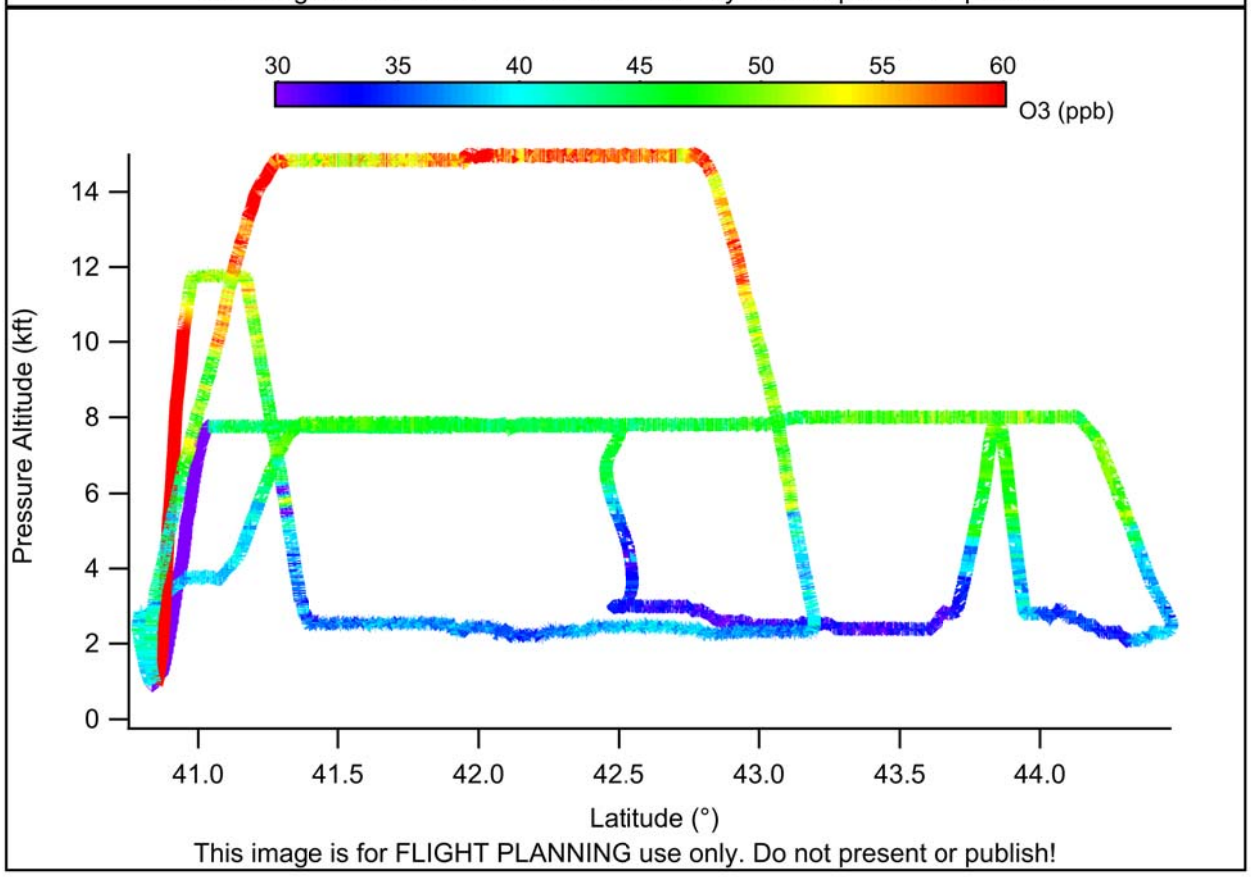

404
405
406
407
408
409
410
CO2 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
41.0
41.5
42.0
42.5
43.0
43.5
44.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

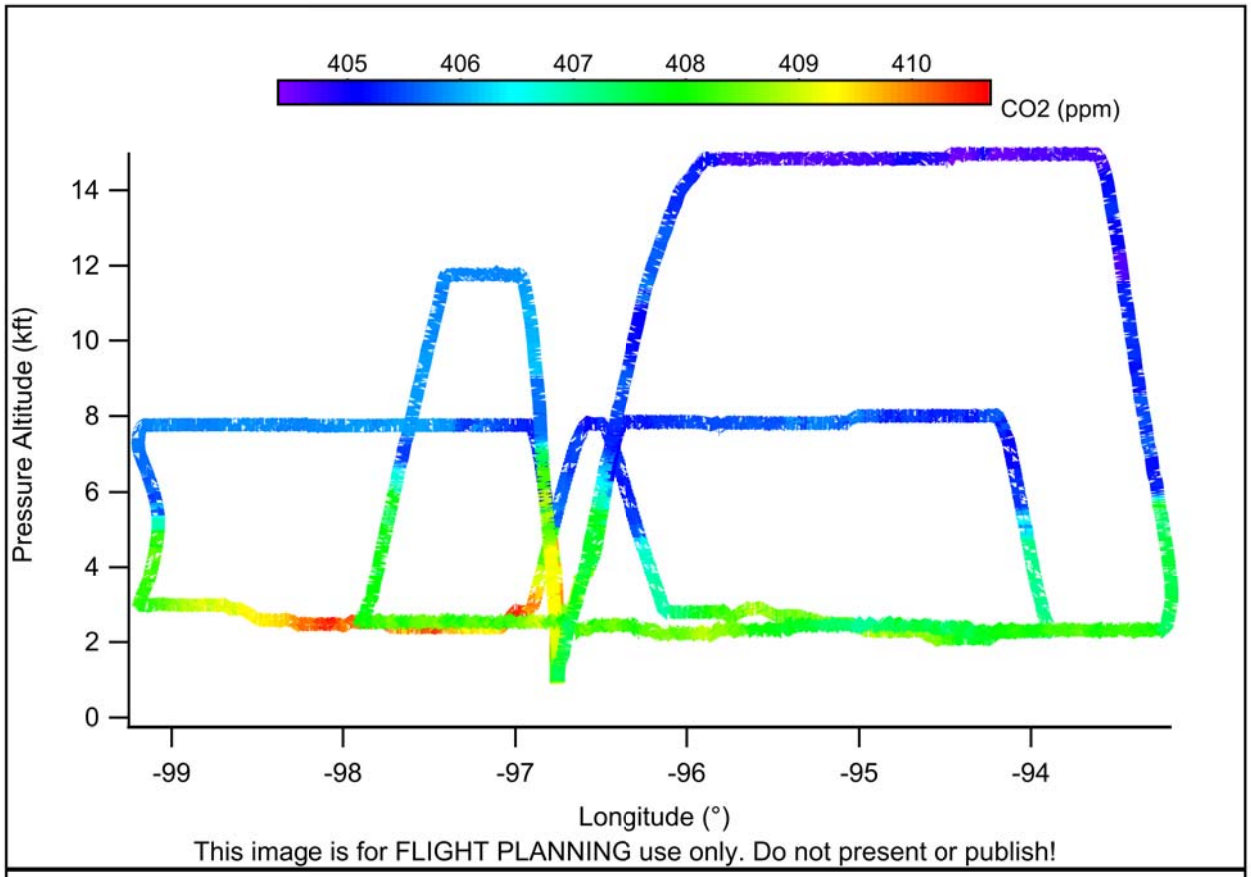

1.90
1.91
1.92
1.93
1.94
1.95
1.96
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
41.0
41.5
42.0
42.5
43.0
43.5
44.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

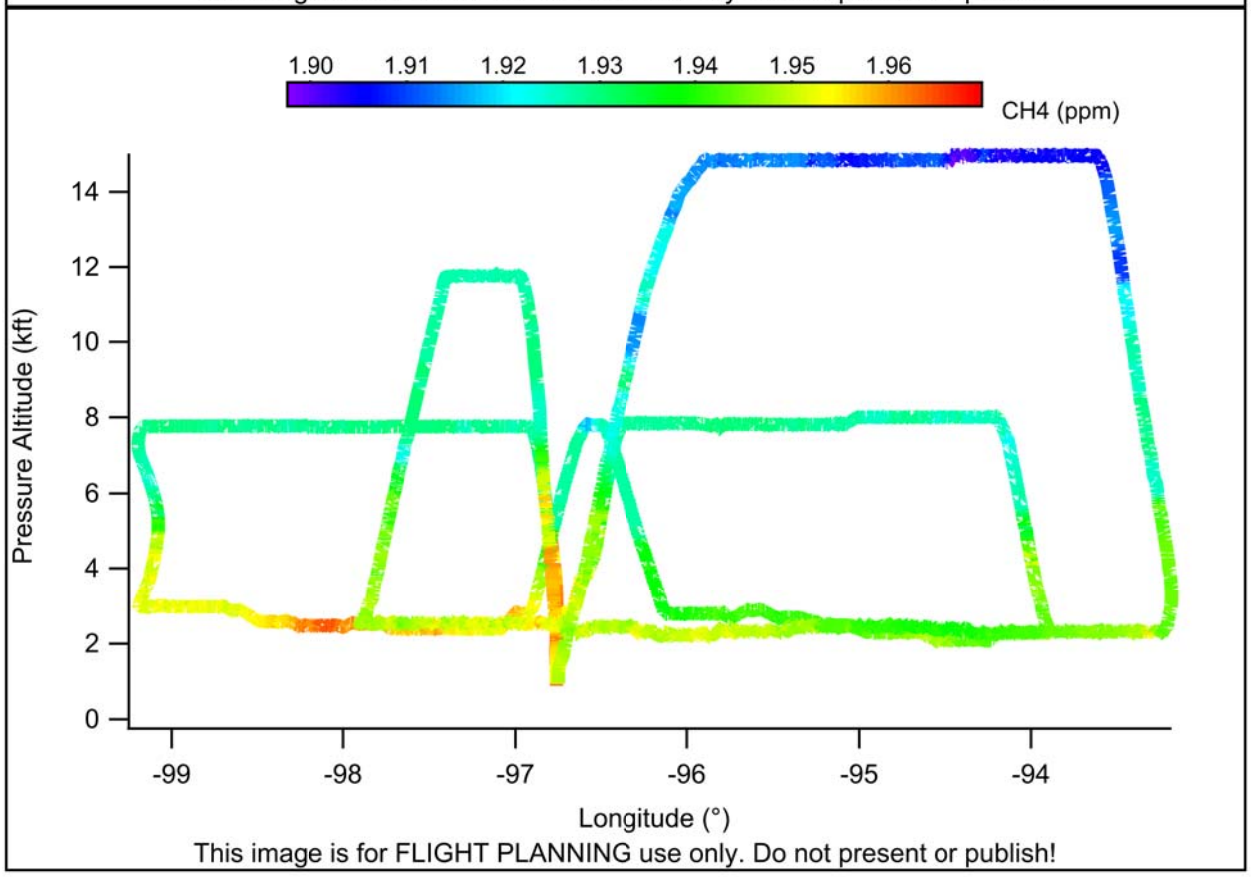

0.090 0.095 0.100 0.105 0.110 0.115 0.120 0.125
CO (ppm)
Pressure Altitude (kft)
0 2 4 6 8 10 12 14
41.0 41.5 42.0 42.5 43.0 43.5 44.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

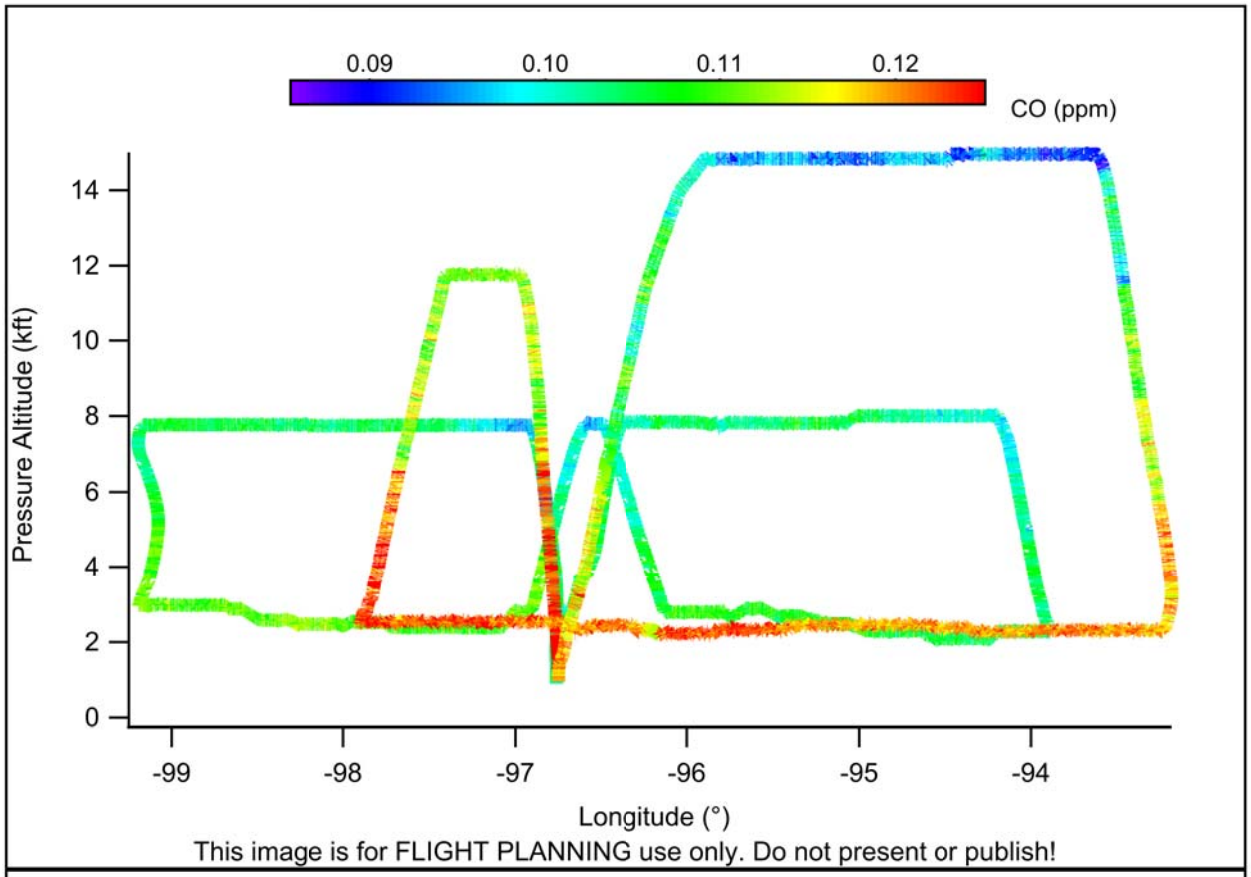

0 1 2 3 4
H2O_gkg (g/kg)
Pressure Altitude (kft)
0 2 4 6 8 10 12 14
41.0 41.5 42.0 42.5 43.0 43.5 44.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

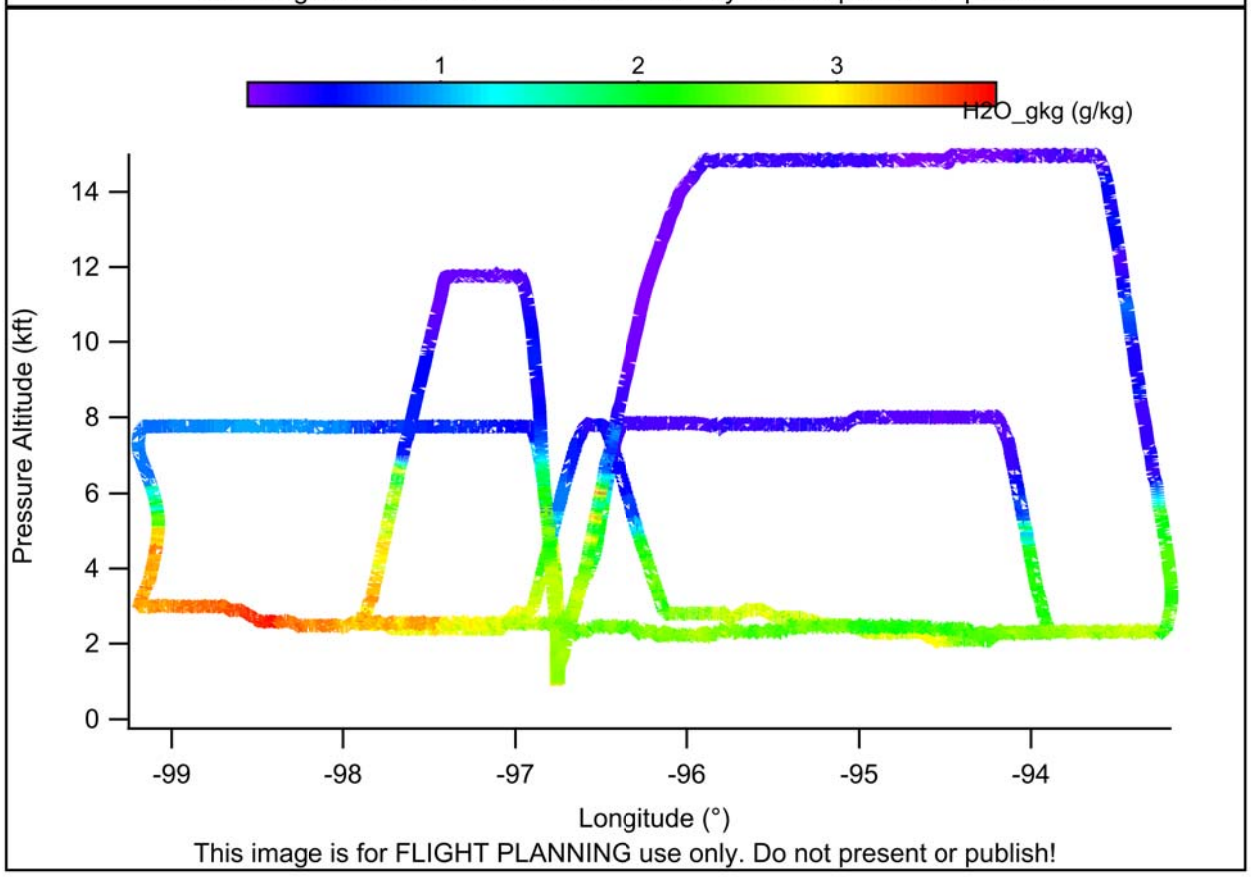

-40
-30
-20
-10
0
DP (°C)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
41.0
41.5
42.0
42.5
43.0
43.5
44.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

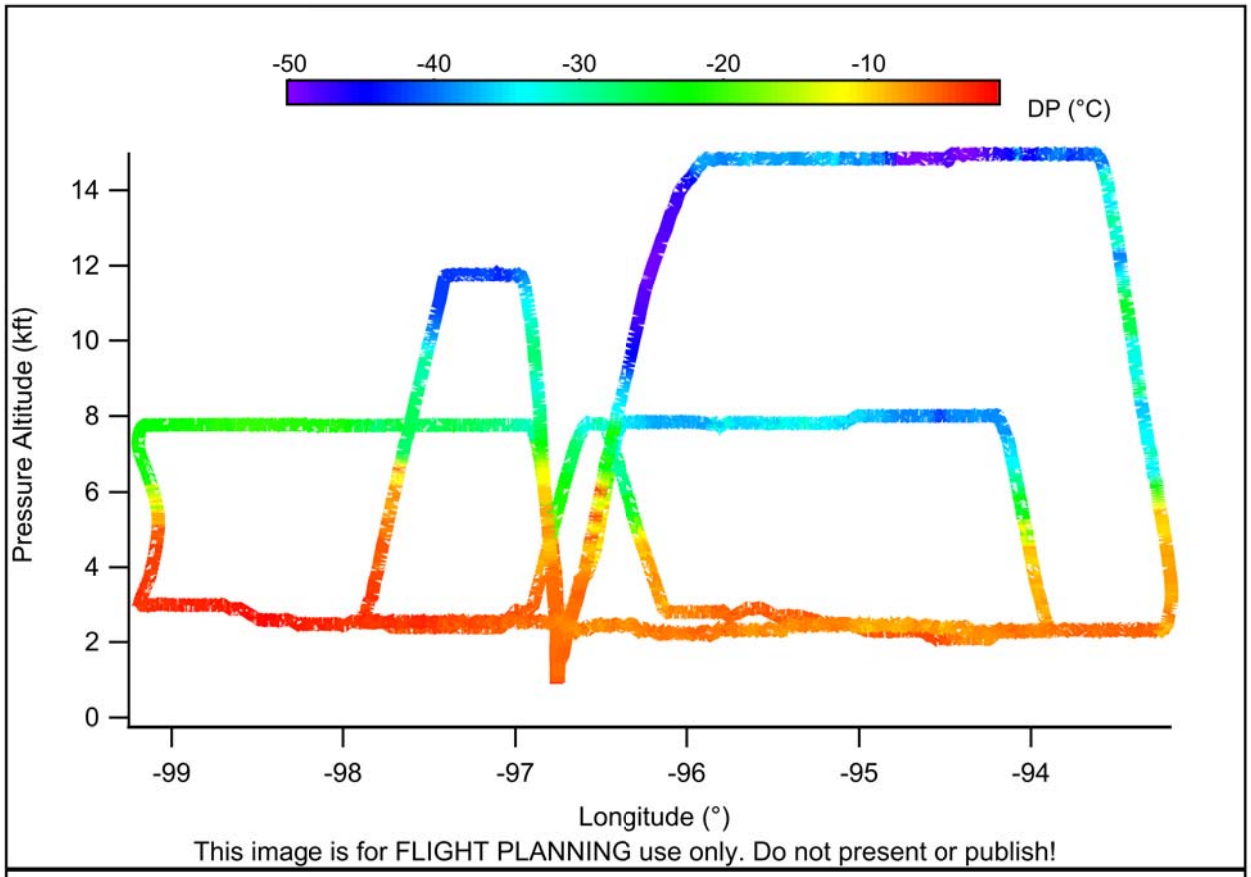

30
35
40
45
50
55
60
O3 (ppb)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
41.0
41.5
42.0
42.5
43.0
43.5
44.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

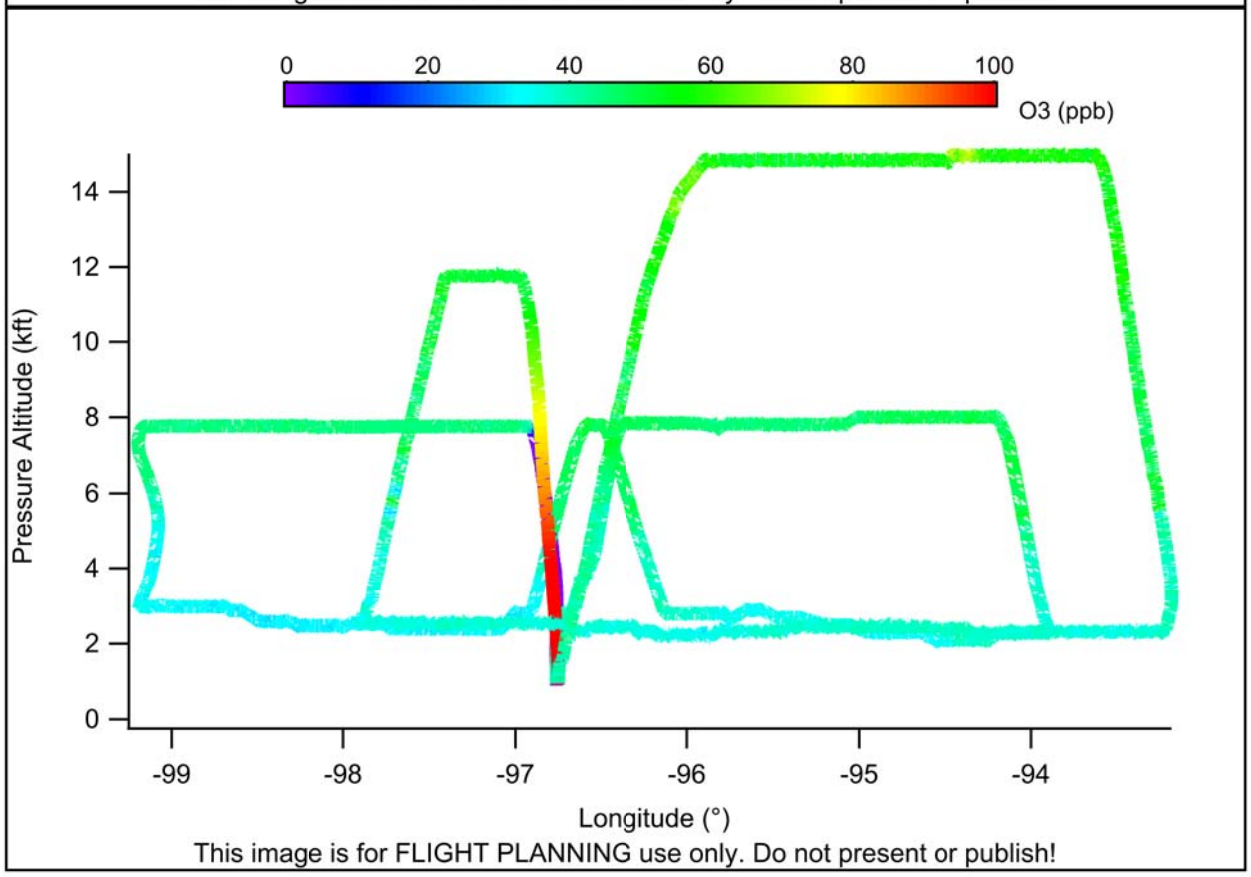

405
406
407
408
409
410
CO2 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-99
-98
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

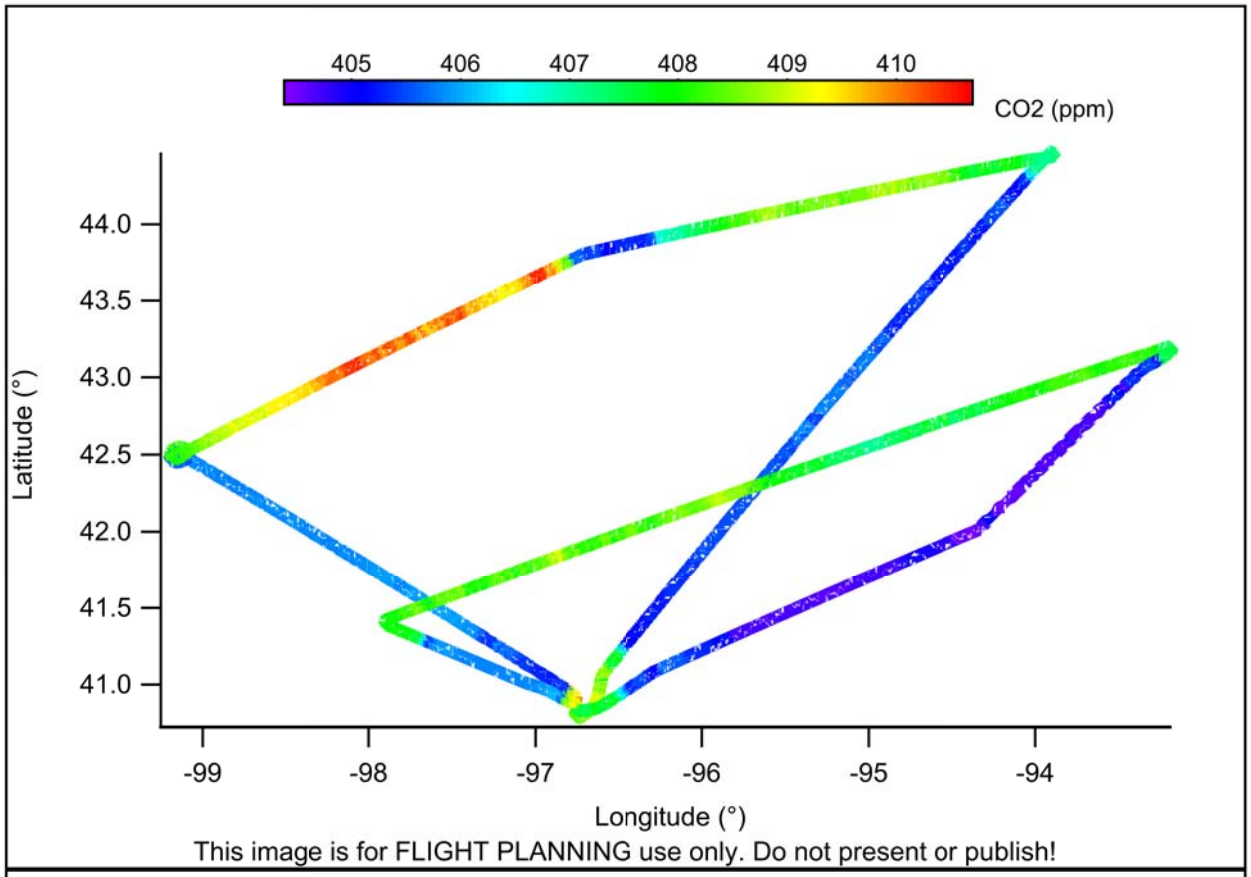

1.90
1.91
1.92
1.93
1.94
1.95
1.96
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-99
-98
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

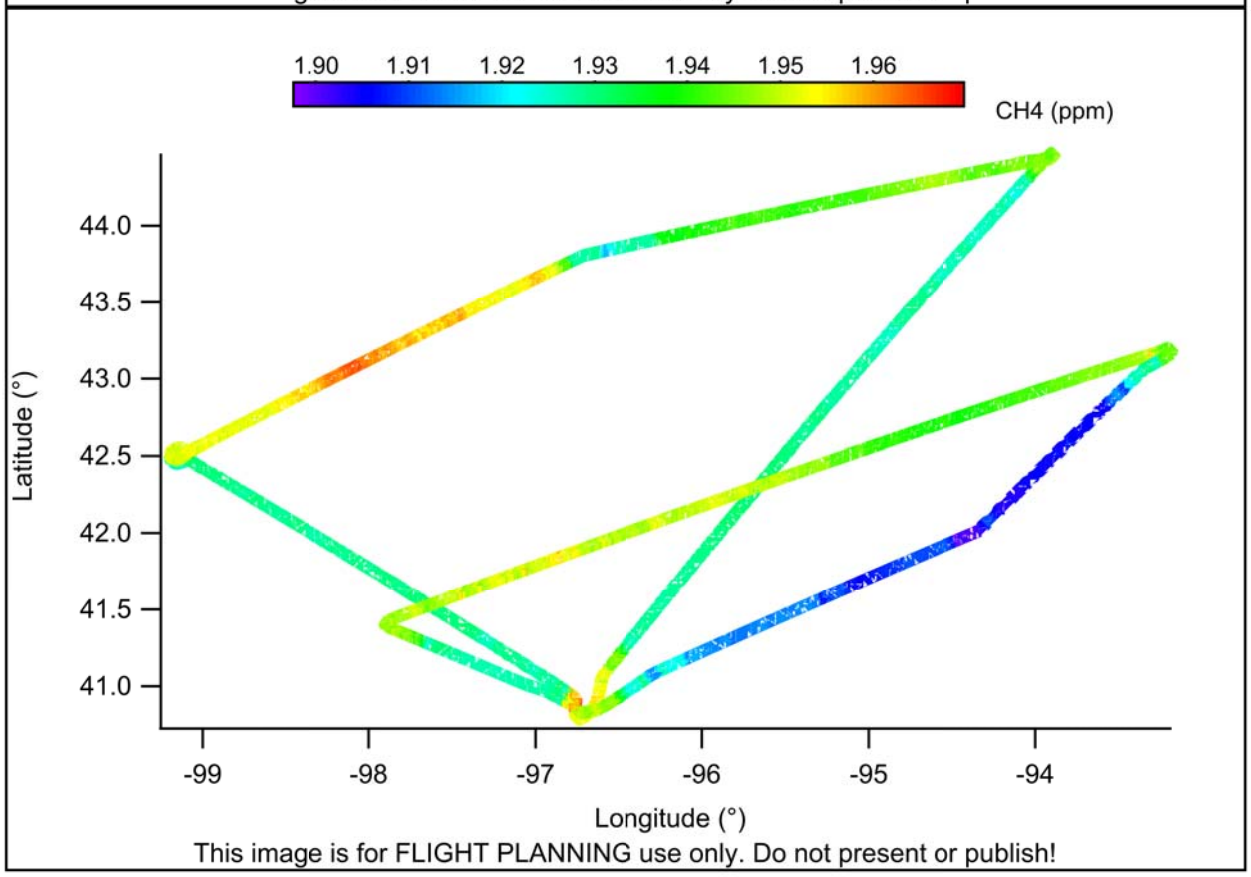

0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-99
-98
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

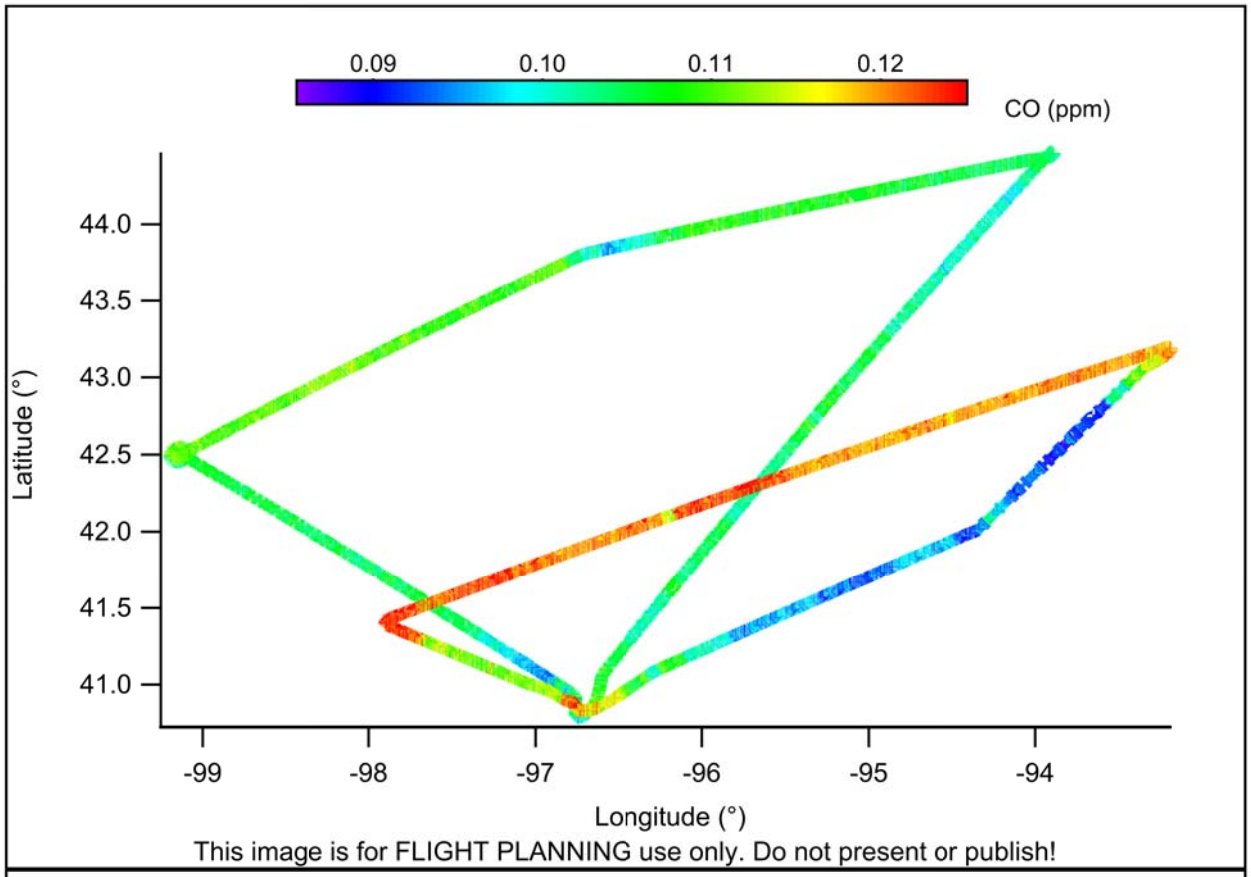

1
2
3
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-99
-98
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

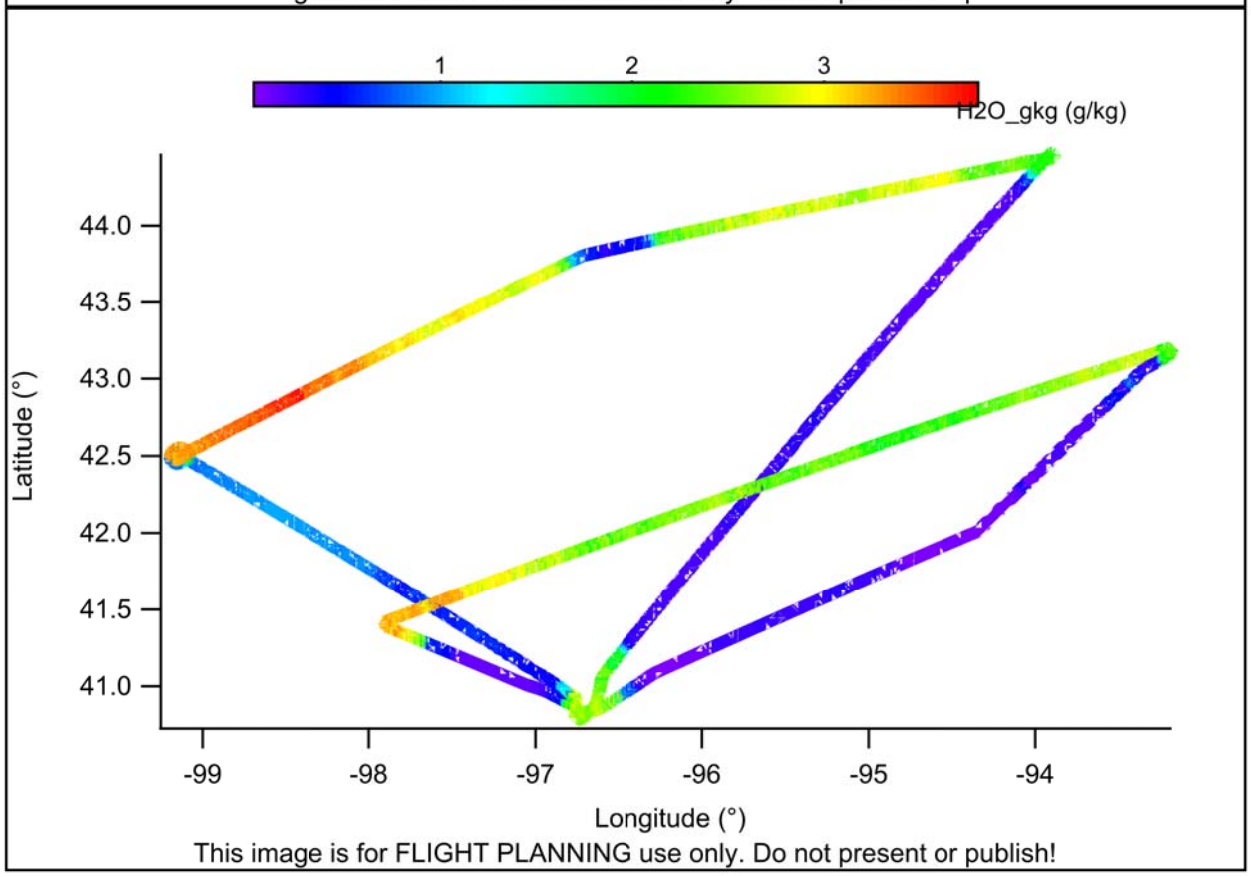

-50
-40
-30
-20
-10
DP (°C)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-99
-98
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

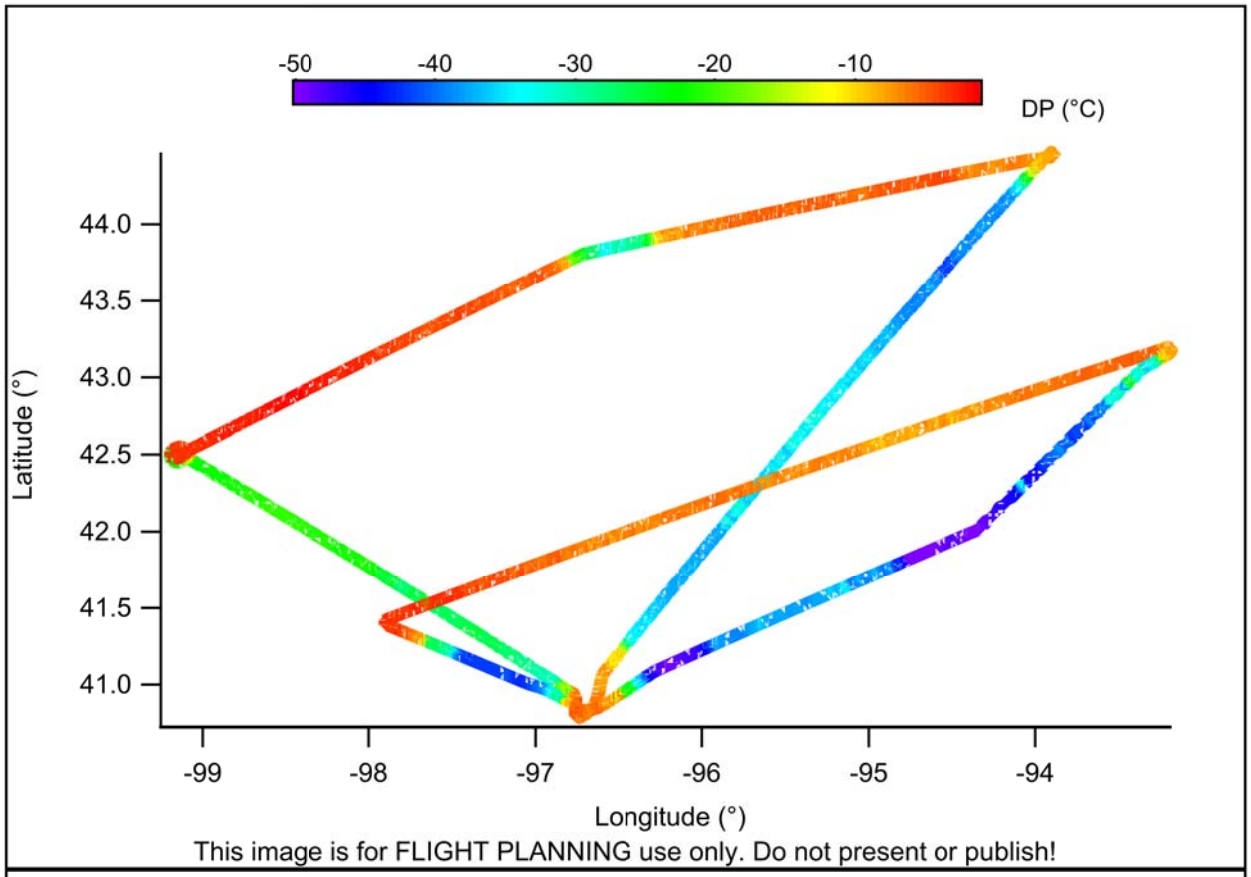

0
20
40
60
80
100
O3 (ppb)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-99
-98
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

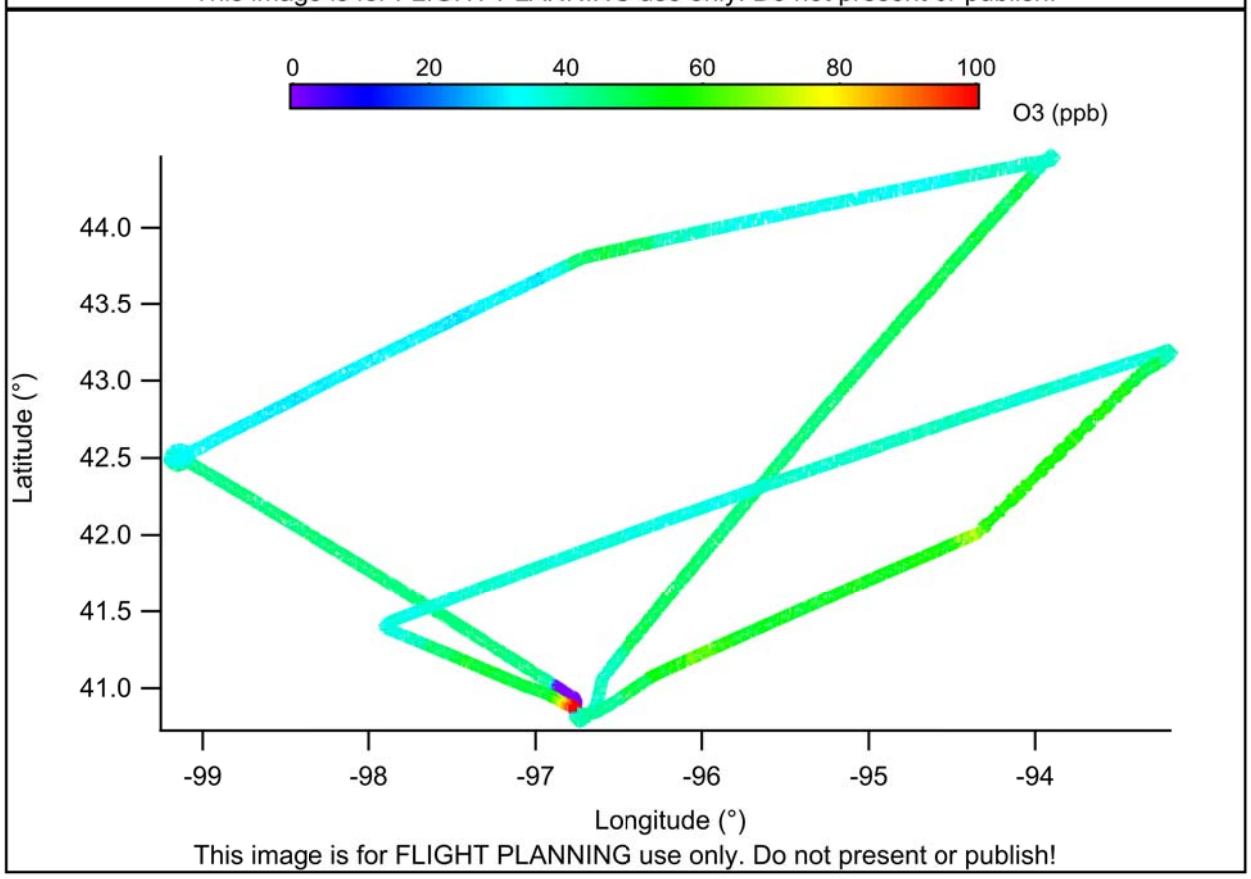

405
406
407
408
409
410
CO2 (ppm)
44.0
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-99
-98
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

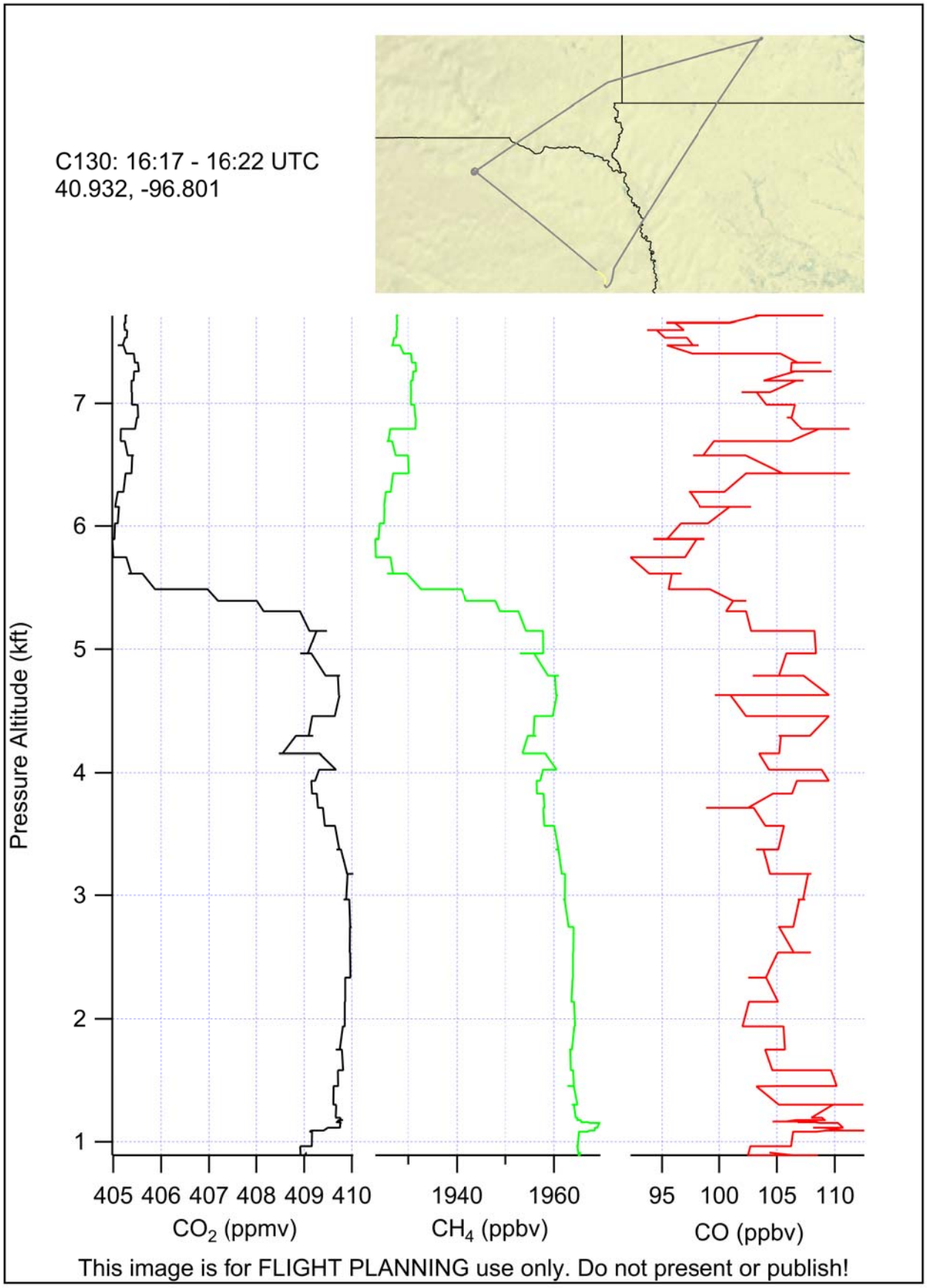

1.90
1.91
1.92
1.93
1.94
1.95
1.96
CH4 (ppm)
44.0
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-99
-98
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

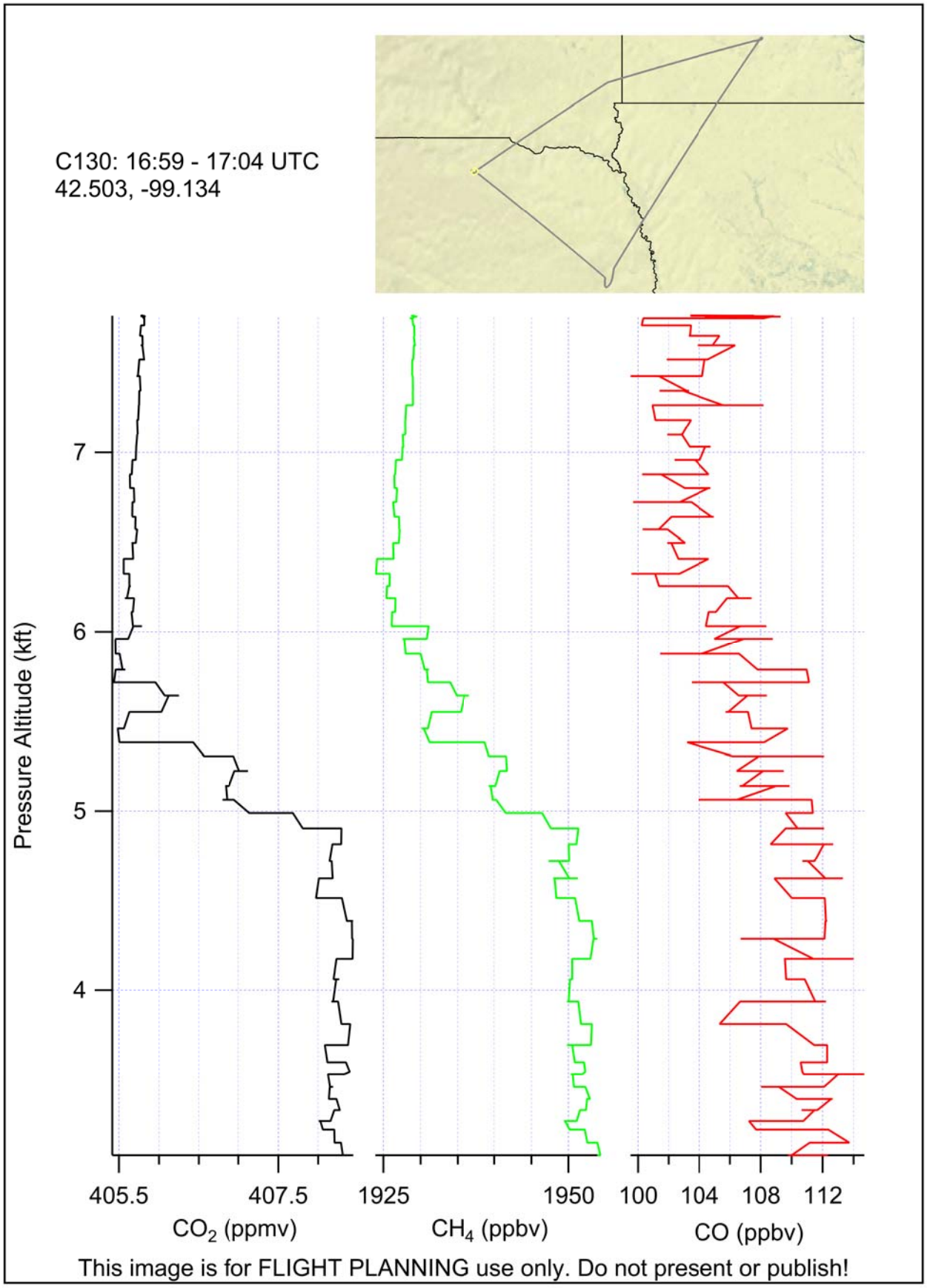

0.09
0.10
0.11
0.12
CO (ppm)
44.0
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-99
-98
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

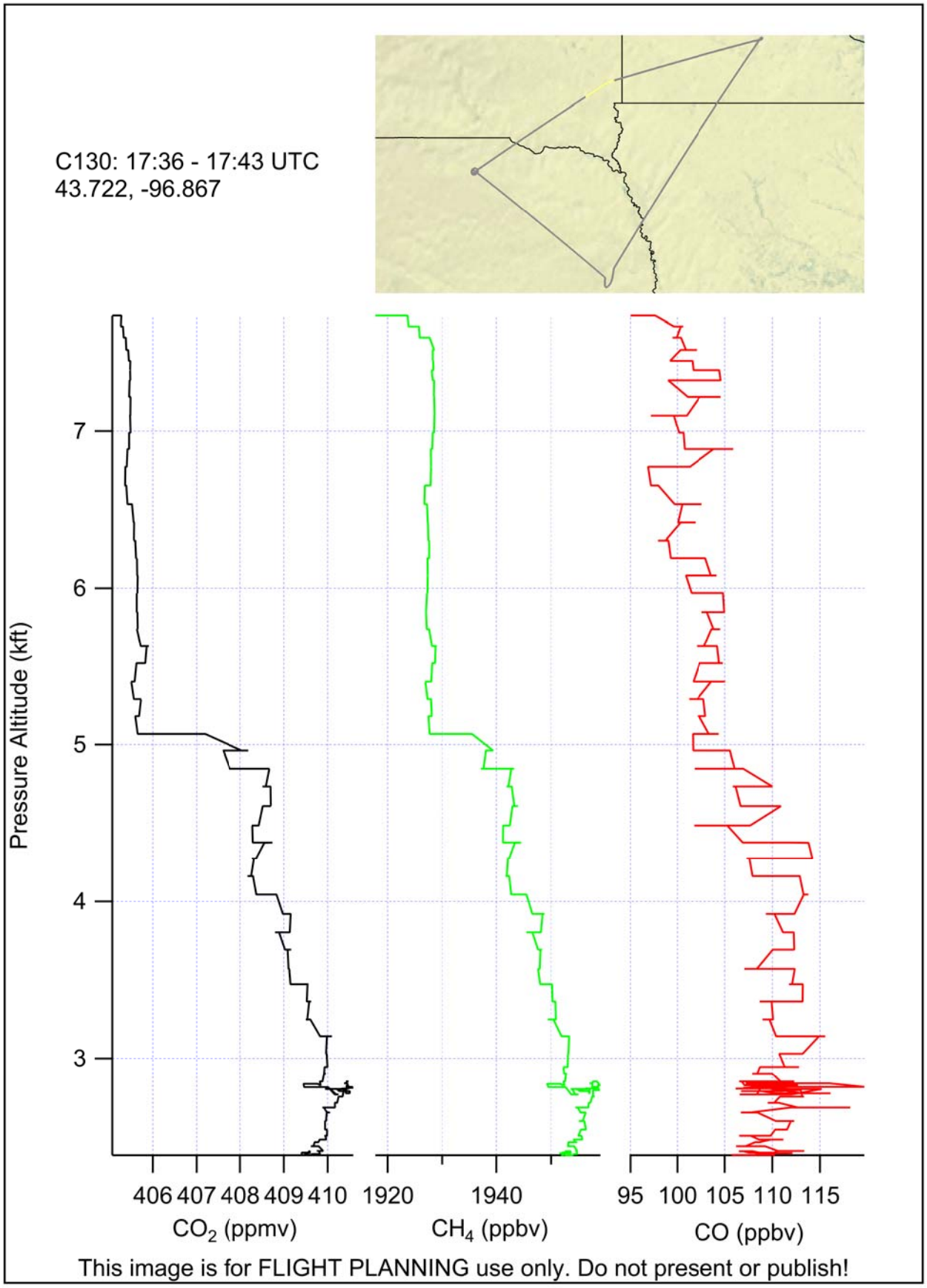

1
2
3
H2O_gkg (g/kg)
44.0
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-99
-98
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

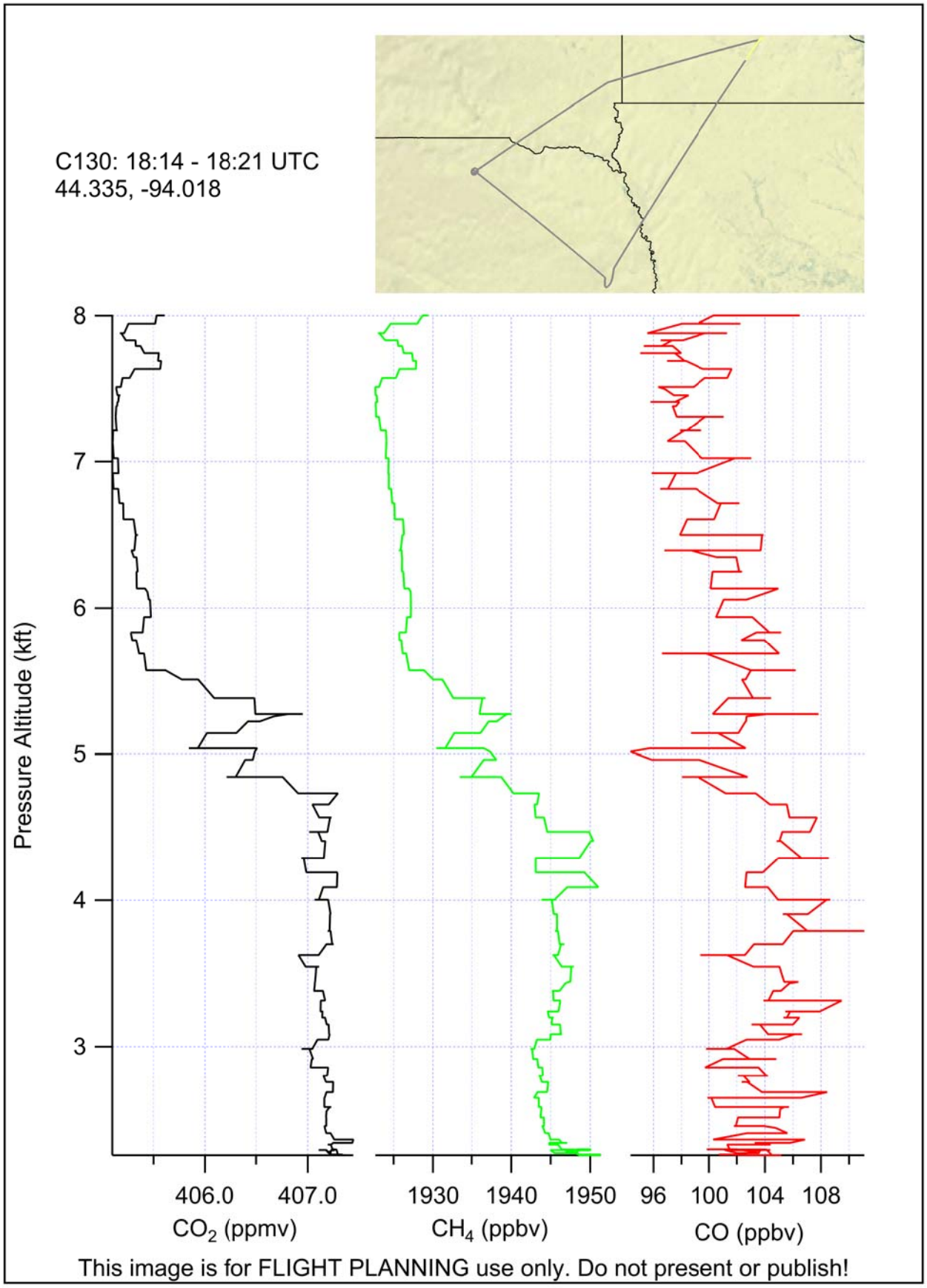

-50
-40
-30
-20
-10
DP (°C)
44.0
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-99
-98
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

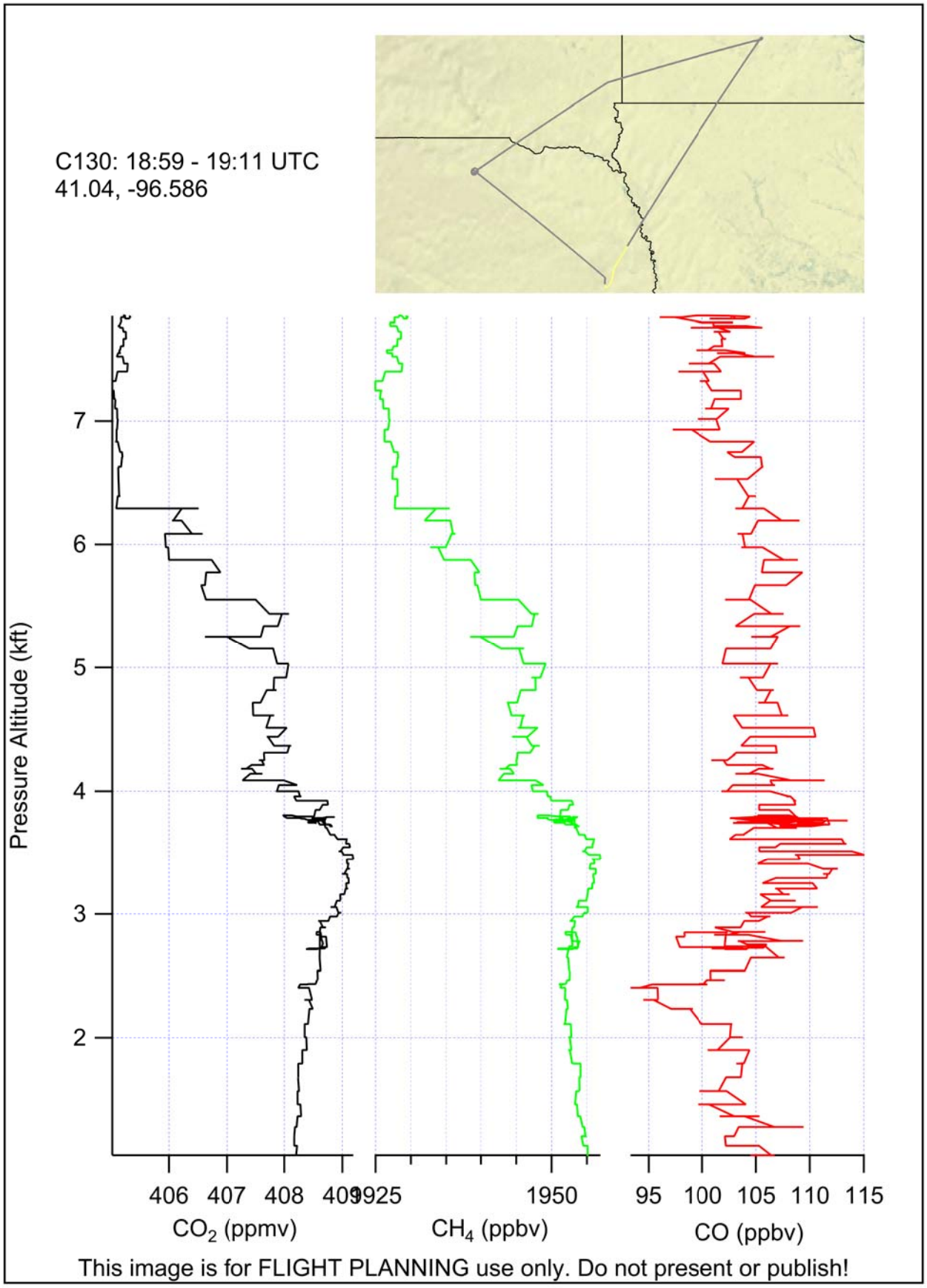

0
20
40
60
80
100
O3 (ppb)
44.0
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-99
-98
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

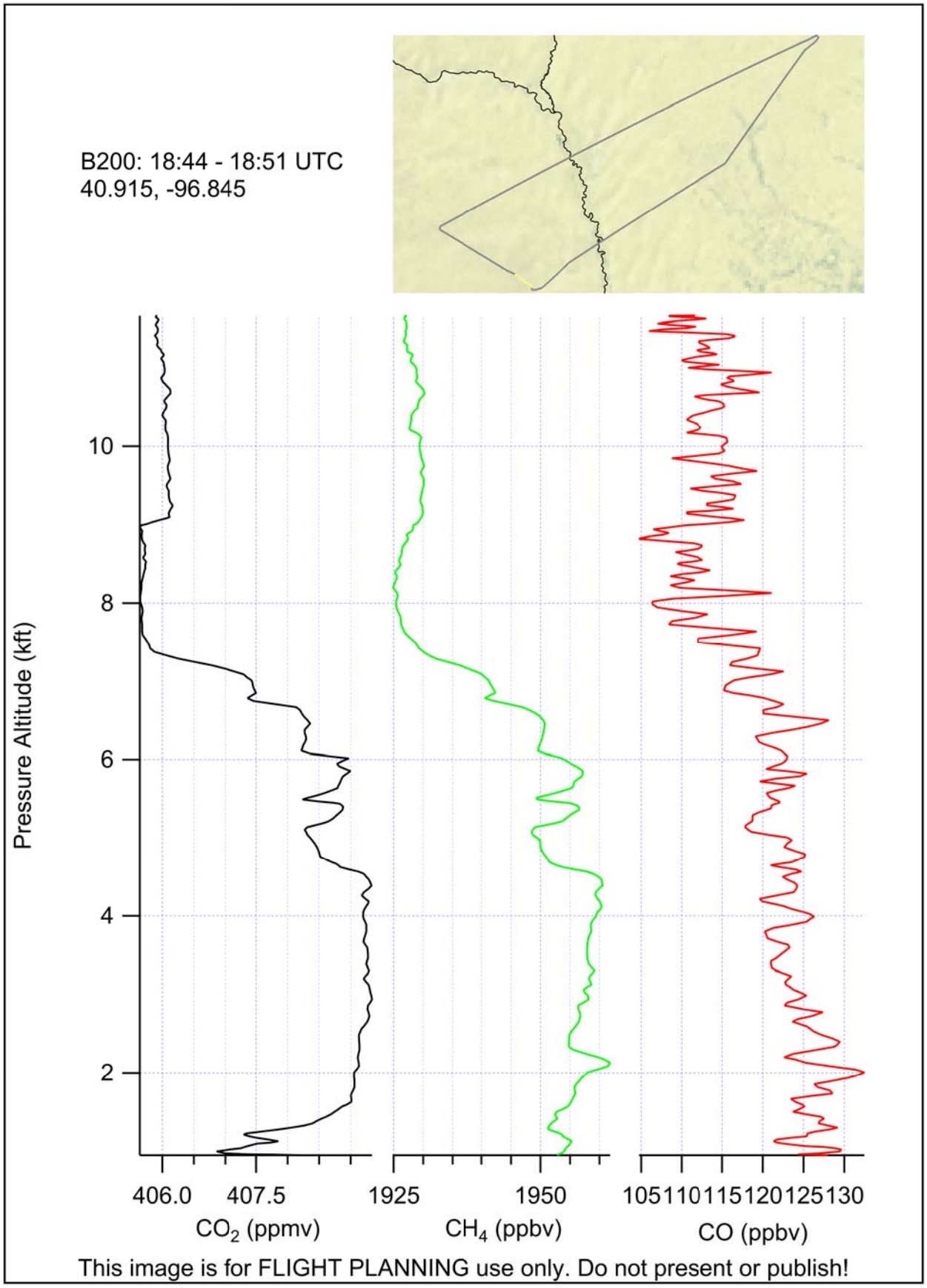

C130: 16:17 - 16:22 UTC
40.932, -96.801
Pressure Altitude (kft)
1
2
3
4
5
6
7
405 406 407 408 409 410
CO2 (ppmv)
1940 1960
CH4 (ppbv)
95 100 105 110
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

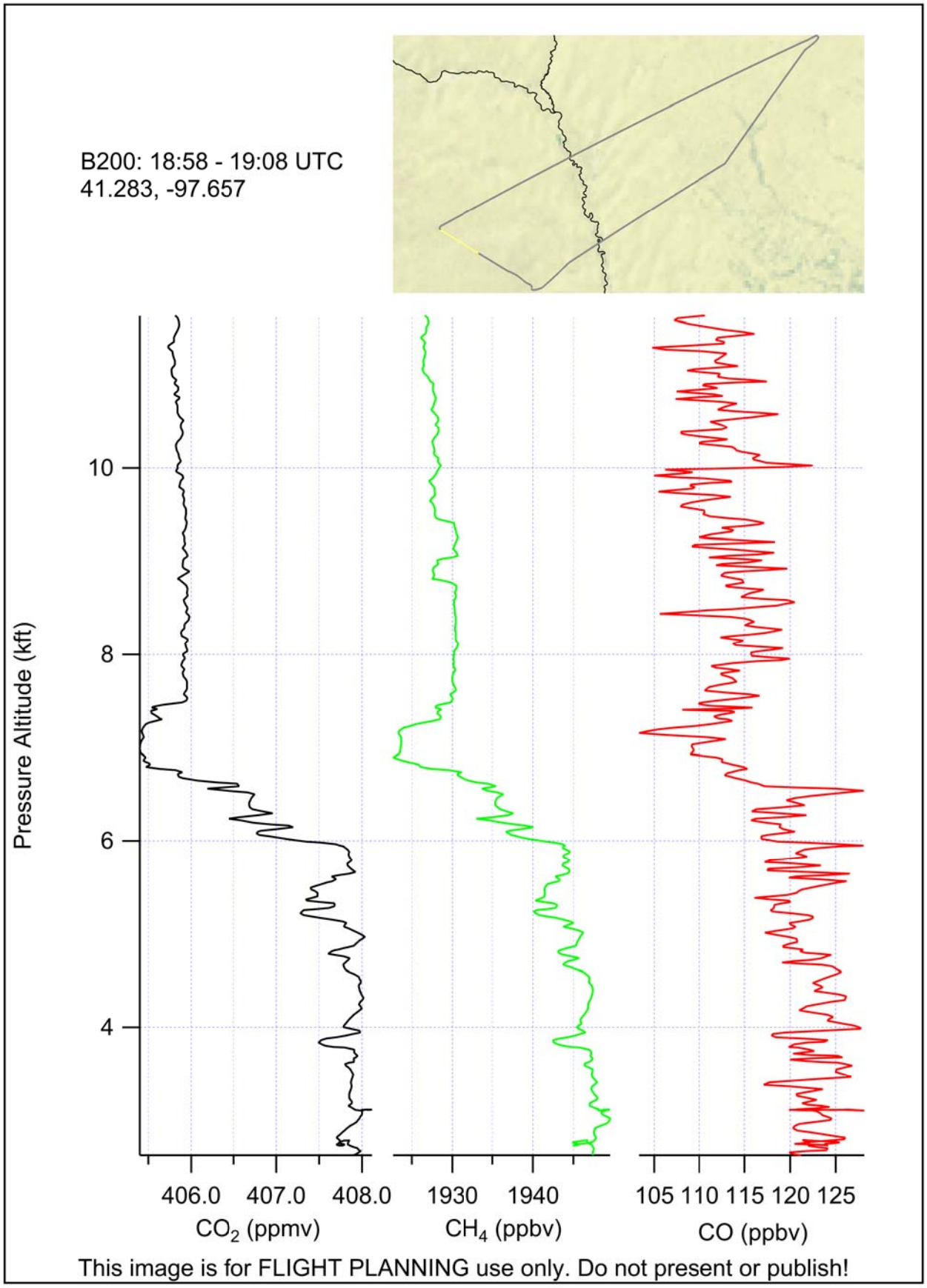

C130: 16:59 - 17:04 UTC
42.503, -99.134
Pressure Altitude (kft)
7
6
5
4
405.5
407.5
CO2 (ppmv)
1925
1950
CH4 (ppbv)
100
104
108
112
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

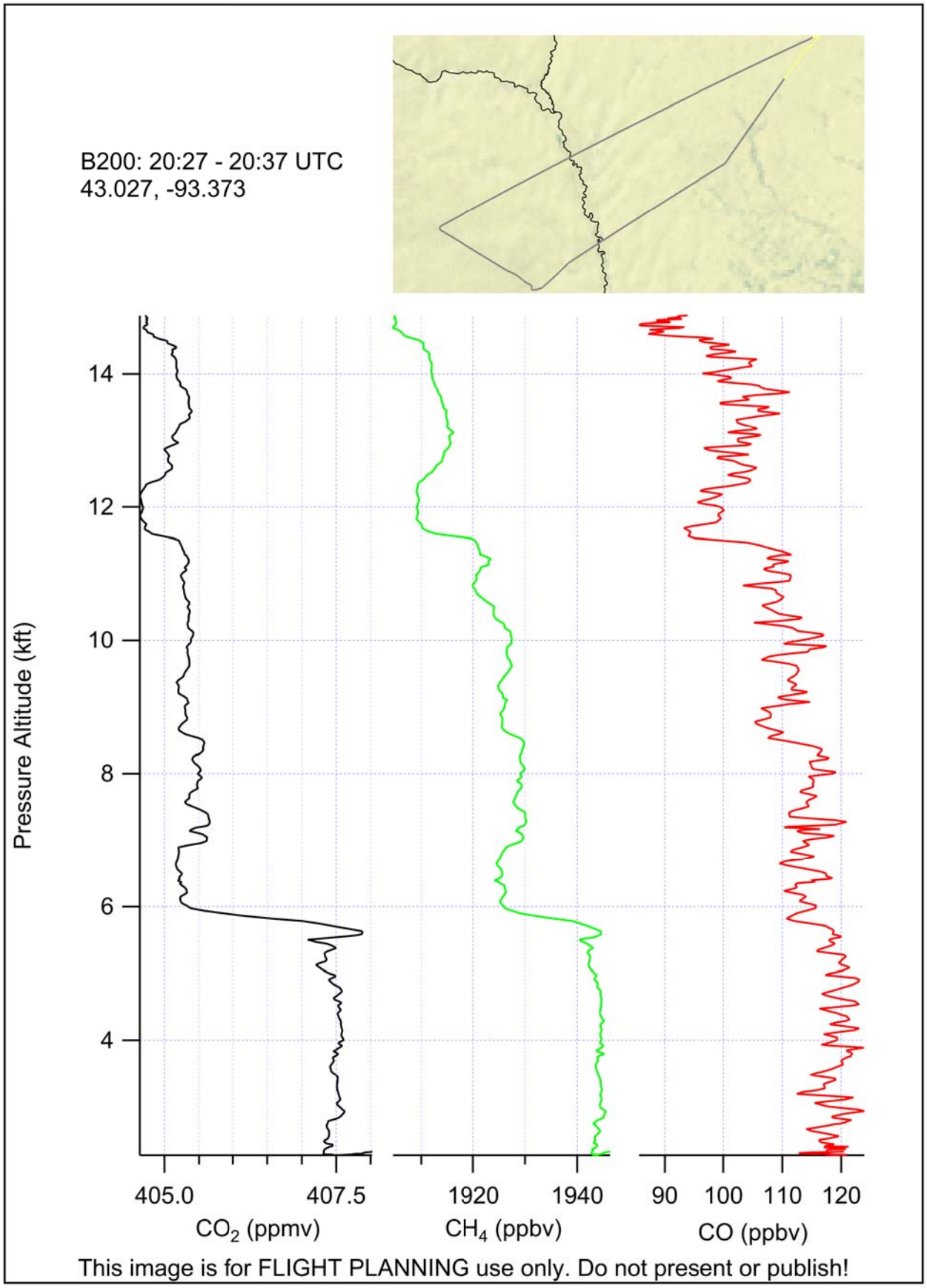

C130: 17:36 - 17:43 UTC
43.722, -96.867
Pressure Altitude (kft)
7
6
5
4
3
406 407 408 409 410
CO2 (ppmv)
1920 1940
CH4 (ppbv)
95 100 105 110 115
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

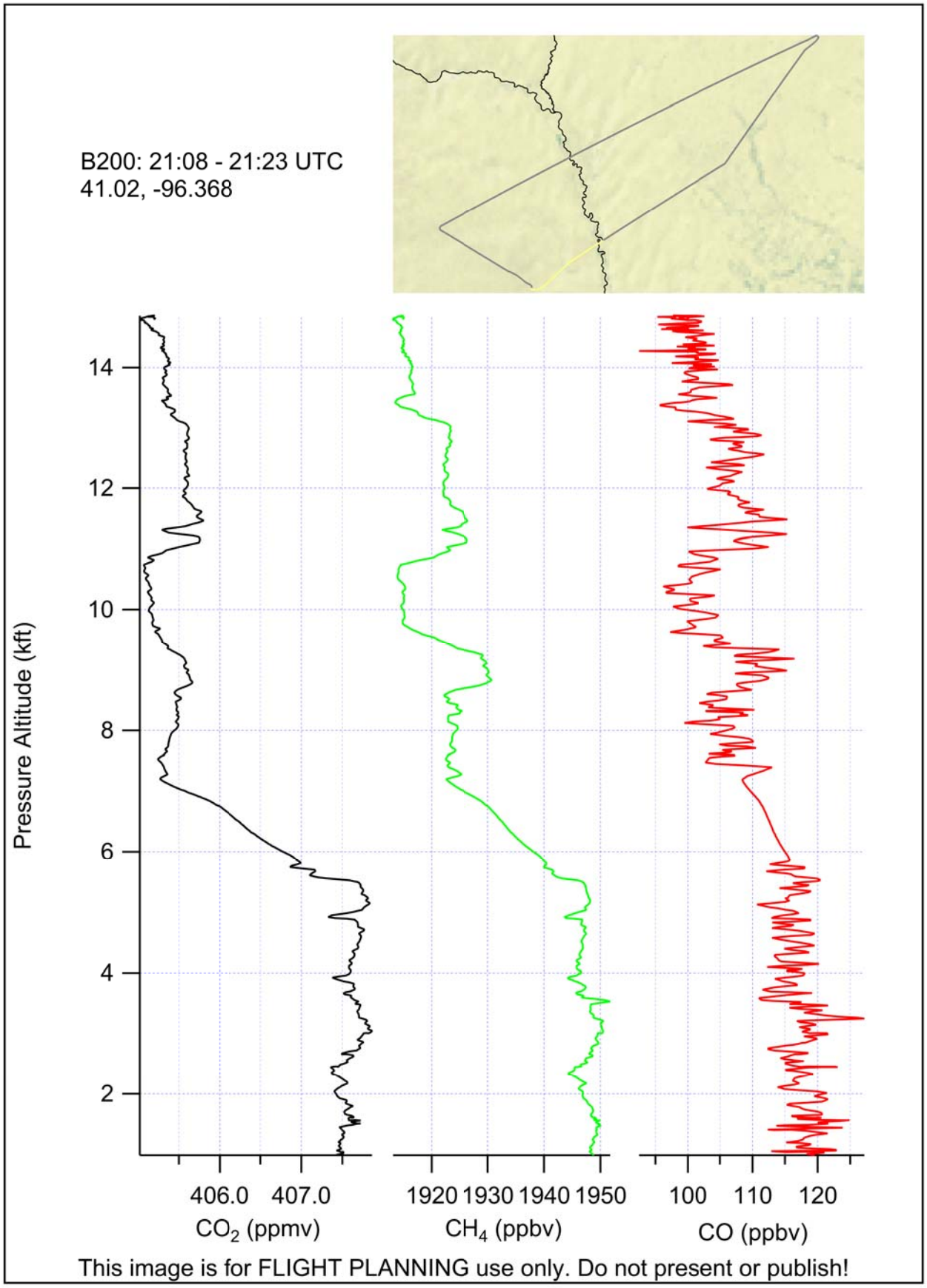

C130: 18:14 - 18:21 UTC
44.335, -94.018
Pressure Altitude (kft)
8
7
6
5
4
3
406.0
407.0
CO2 (ppmv)
1930
1940
1950
CH4 (ppbv)
96
100
104
108
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

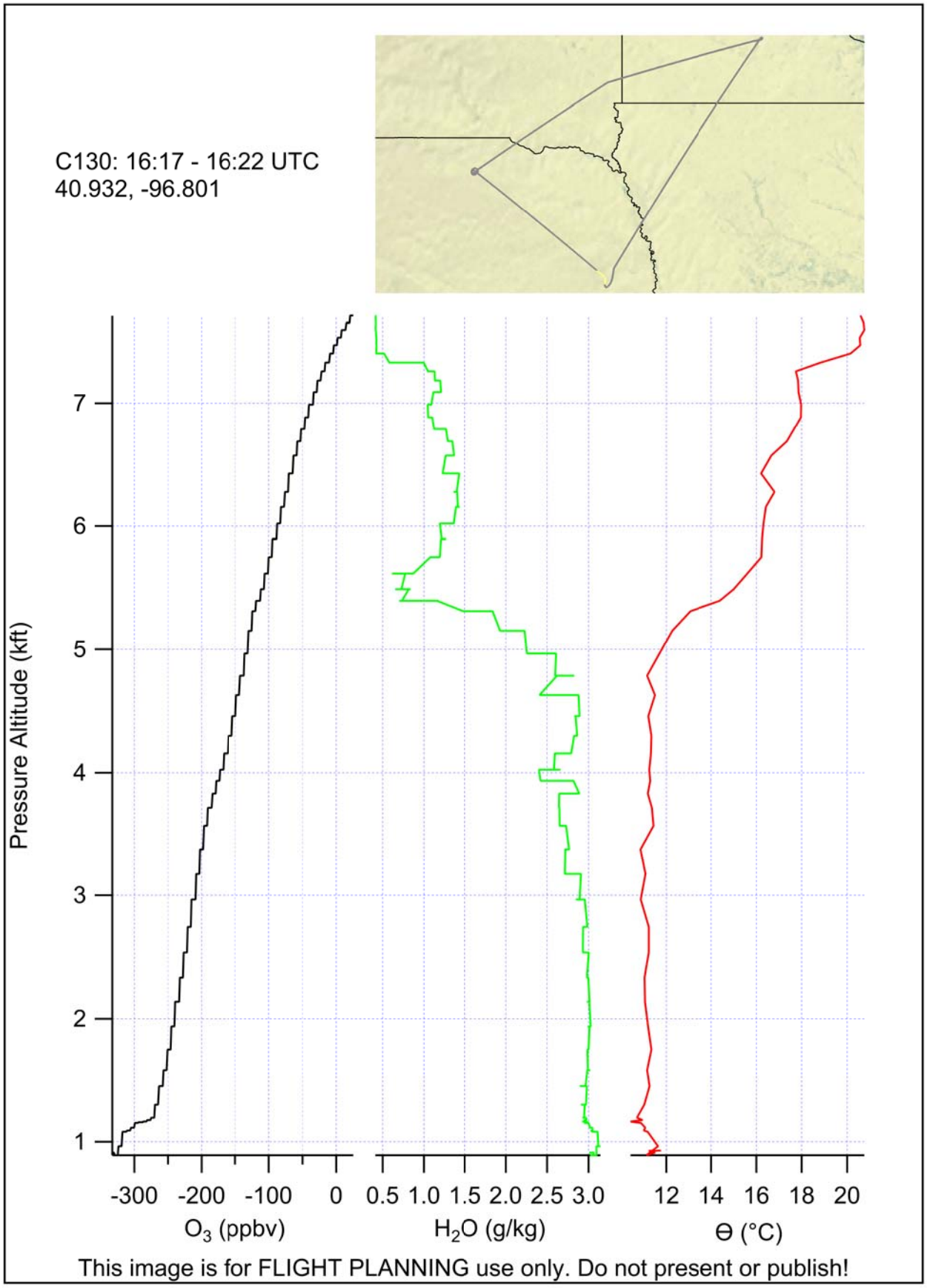

C130: 18:59 - 19:11 UTC
41.04, -96.586
Pressure Altitude (kft)
7
6
5
4
3
2
406 407 408 409
CO2 (ppmv)
1925 1950
CH4 (ppbv)
95 100 105 110 115
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

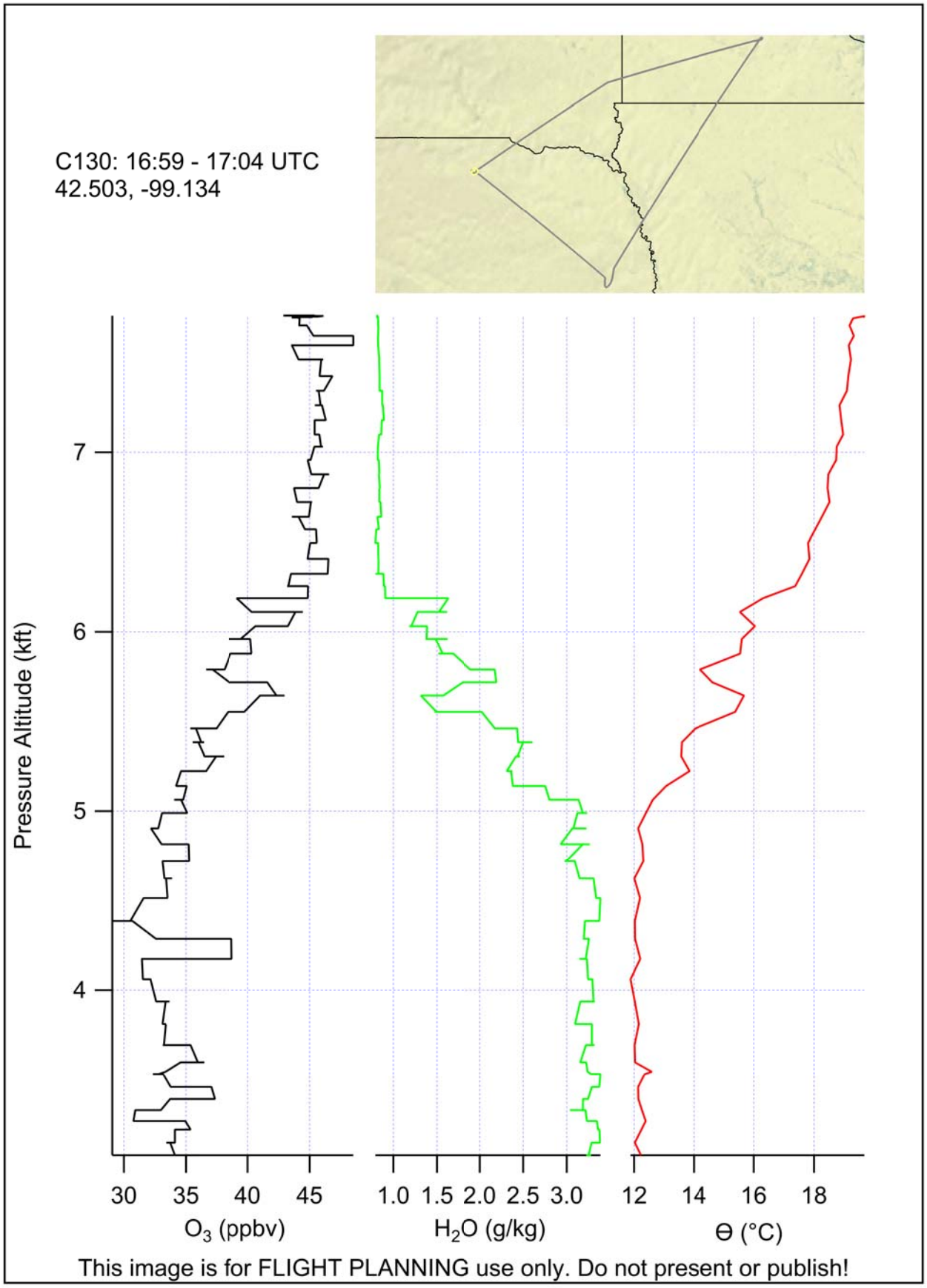

B200: 18:44 - 18:51 UTC
40.915, -96.845
Pressure Altitude (kft)
10
8
6
4
2
406.0
407.5
CO_2 (ppmv)
1925
1950
CH_4 (ppbv)
105110115120125130
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

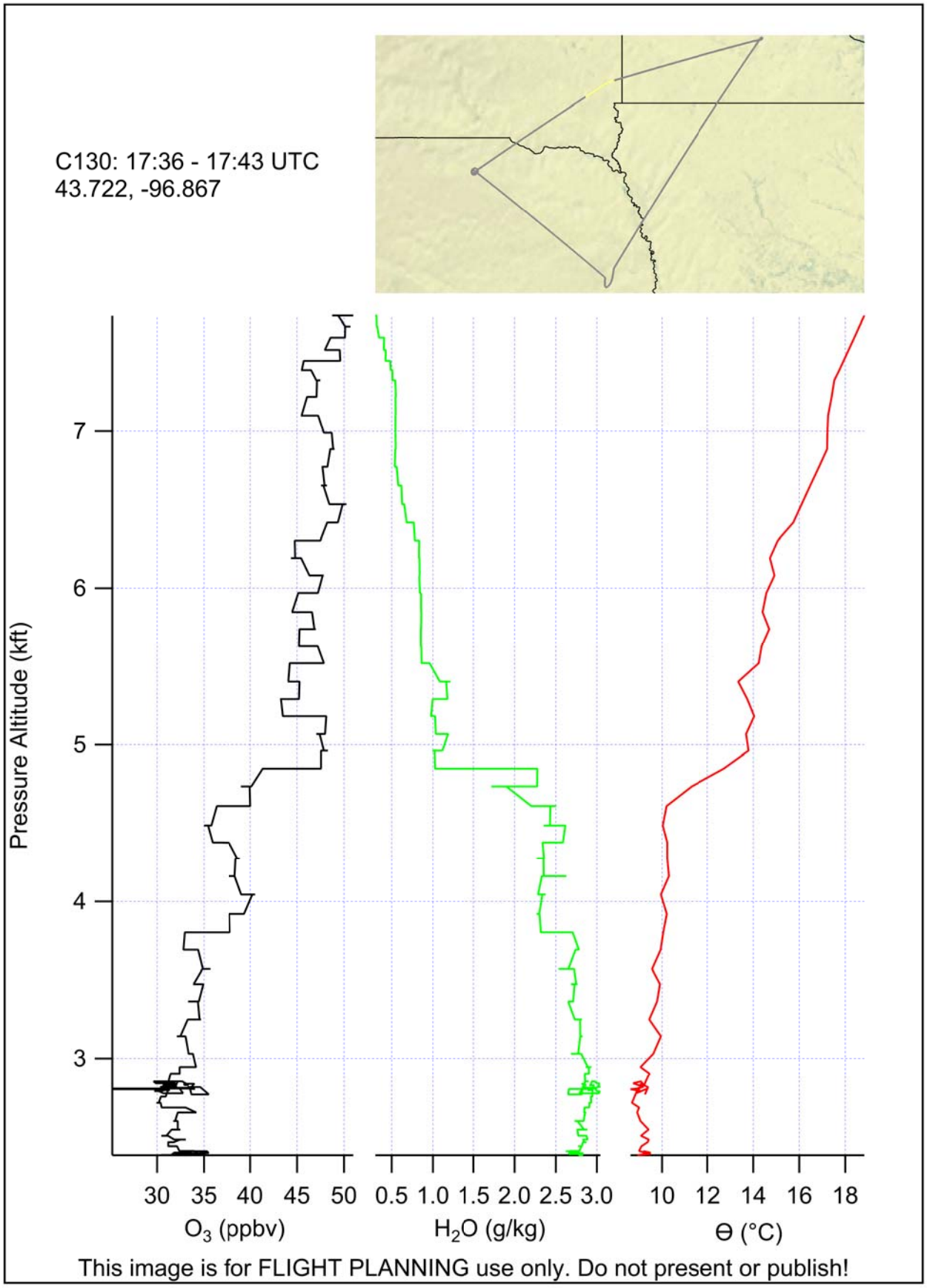

B200: 18:58 - 19:08 UTC
41.283, -97.657
Pressure Altitude (kft)
10
8
6
4
406.0 407.0 408.0
CO2 (ppmv)
1930 1940
CH4 (ppbv)
105 110 115 120 125
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

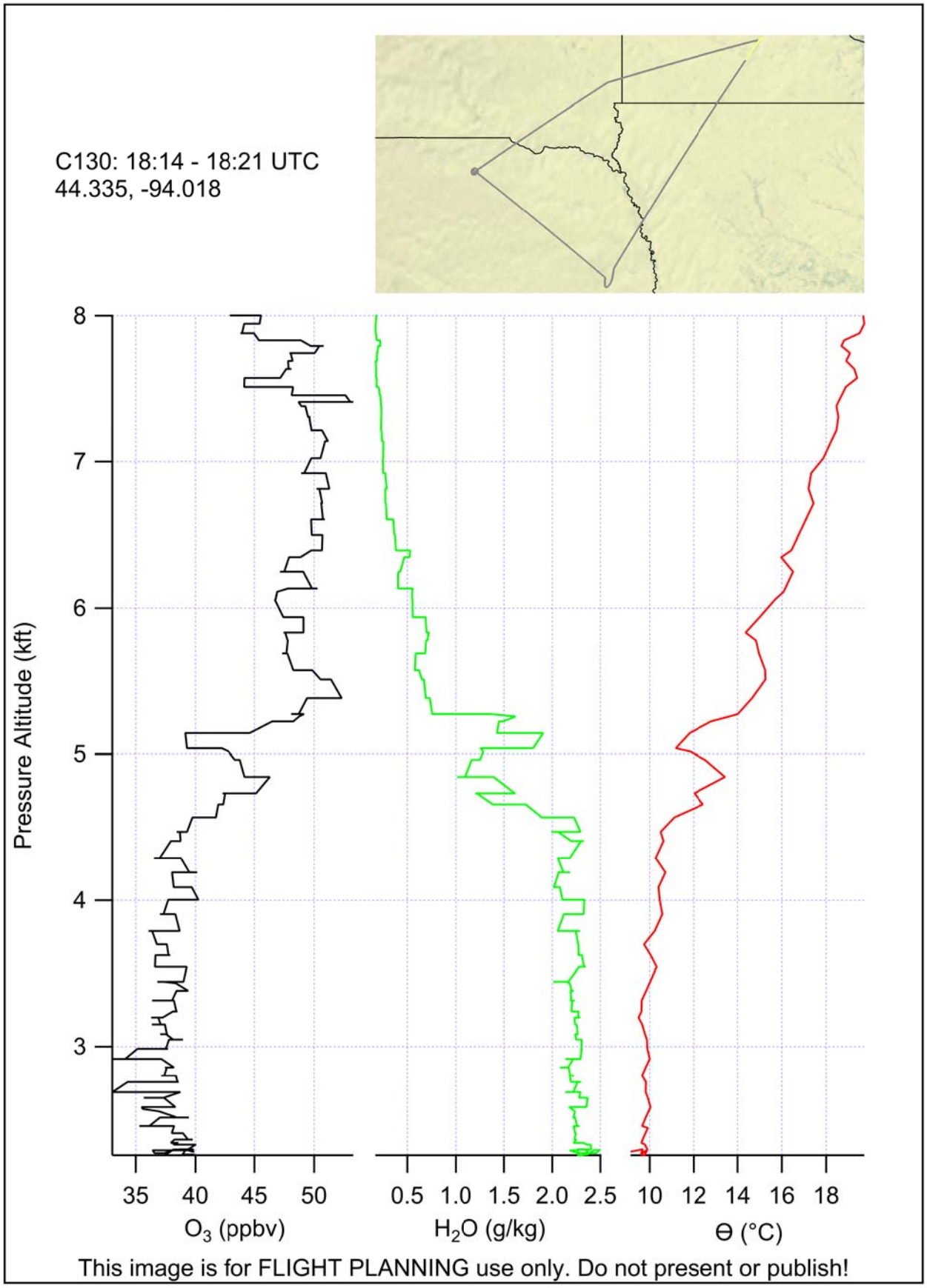

B200: 20:27 - 20:37 UTC
43.027, -93.373
Pressure Altitude (kft)
14
12
10
8
6
4
405.0
407.5
CO2 (ppmv)
1920
1940
CH4 (ppbv)
90
100
110
120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

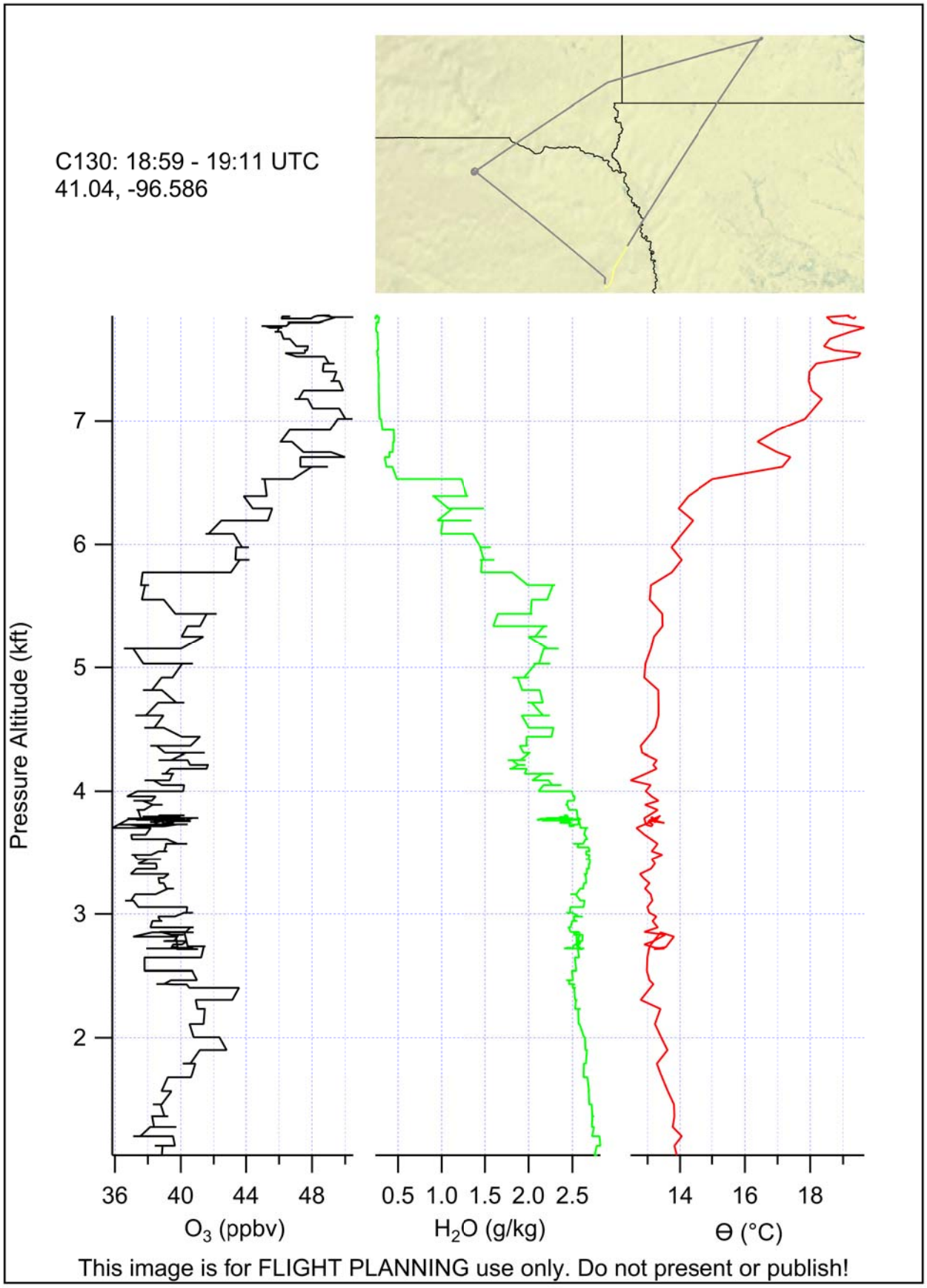

B200: 21:08 - 21:23 UTC
41.02, -96.368
Pressure Altitude (kft)
14
12
10
8
6
4
2
406.0 407.0
CO_2 (ppmv)
1920 1930 1940 1950
CH_4 (ppbv)
100 110 120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

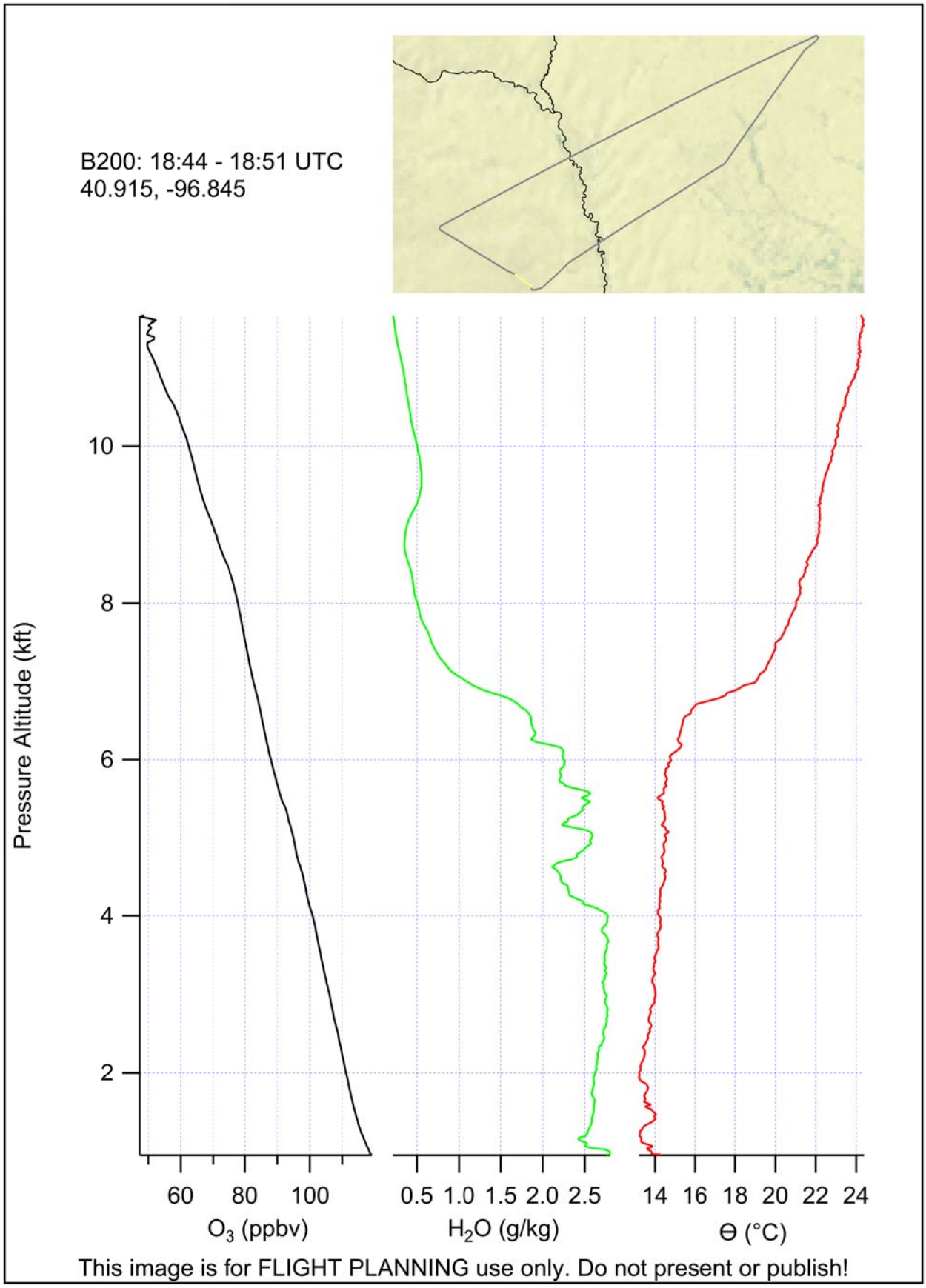

C130: 16:17 - 16:22 UTC
40.932, -96.801
Pressure Altitude (kft)
7
6
5
4
3
2
1
-300 -200 -100 0
O3 (ppbv)
0.5 1.0 1.5 2.0 2.5 3.0
H2O (g/kg)
12 14 16 18 20
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

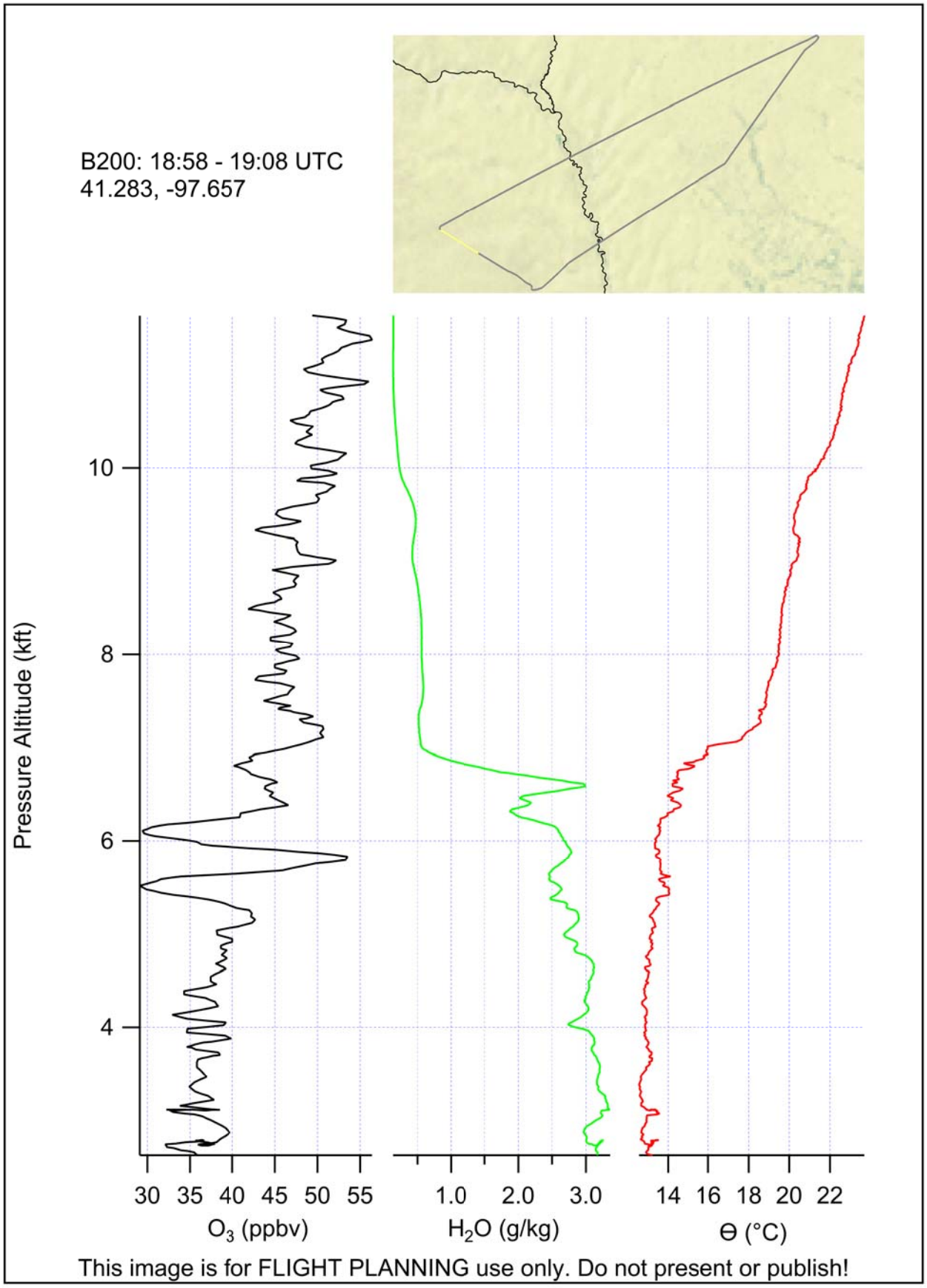

C130: 16:59 - 17:04 UTC
42.503, -99.134
Pressure Altitude (kft)
7
6
5
4
30 35 40 45
O3 (ppbv)
1.0 1.5 2.0 2.5 3.0
H2O (g/kg)
12 14 16 18
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:36 - 17:43 UTC
43.722, -96.867
Pressure Altitude (kft)
7
6
5
4
3
30 35 40 45 50
O3 (ppbv)
0.5 1.0 1.5 2.0 2.5 3.0
H2O (g/kg)
10 12 14 16 18
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:14 - 18:21 UTC
44.335, -94.018
Pressure Altitude (kft)
8
7
6
5
4
3
35 40 45 50
O3 (ppbv)
0.5 1.0 1.5 2.0 2.5
H2O (g/kg)
10 12 14 16 18
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:59 - 19:11 UTC
41.04, -96.586
Pressure Altitude (kft)
7
6
5
4
3
2
36
40
44
48
O3 (ppbv)
0.5
1.0
1.5
2.0
2.5
H2O (g/kg)
14
16
18
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:44 - 18:51 UTC
40.915, -96.845
Pressure Altitude (kft)
10
8
6
4
2
60 80 100
O3 (ppbv)
0.5 1.0 1.5 2.0 2.5
H2O (g/kg)
14 16 18 20 22 24
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:58 - 19:08 UTC
41.283, -97.657
Pressure Altitude (kft)
10
8
6
4
30 35 40 45 50 55
O3 (ppbv)
1.0 2.0 3.0
H2O (g/kg)
14 16 18 20 22
Θ (°C)
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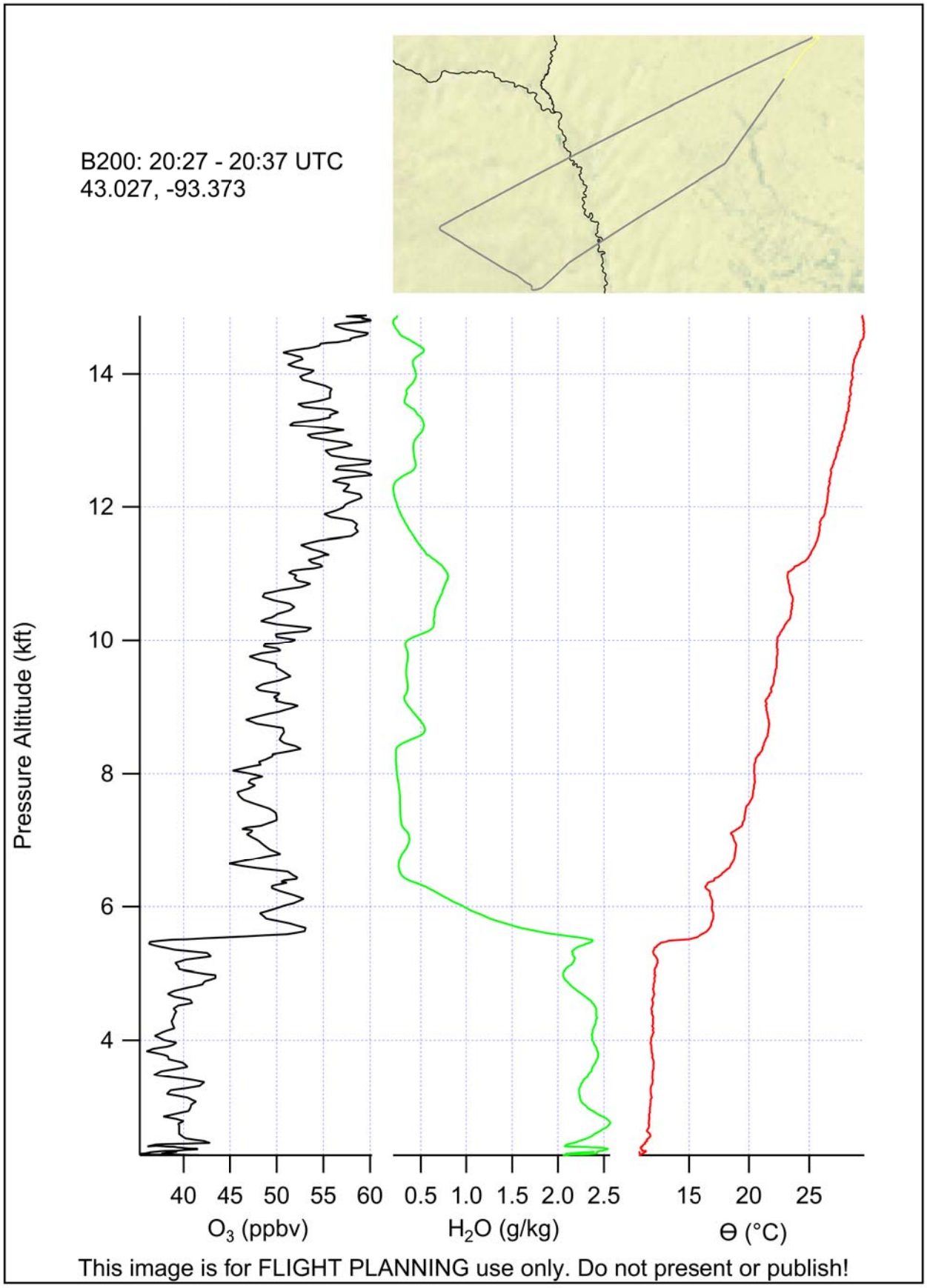
B200: 20:27 - 20:37 UTC
43.027, -93.373
Pressure Altitude (kft)
14
12
10
8
6
4
40 45 50 55 60
O3 (ppbv)
0.5 1.0 1.5 2.0 2.5
H2O (g/kg)
15 20 25
Θ (°C)
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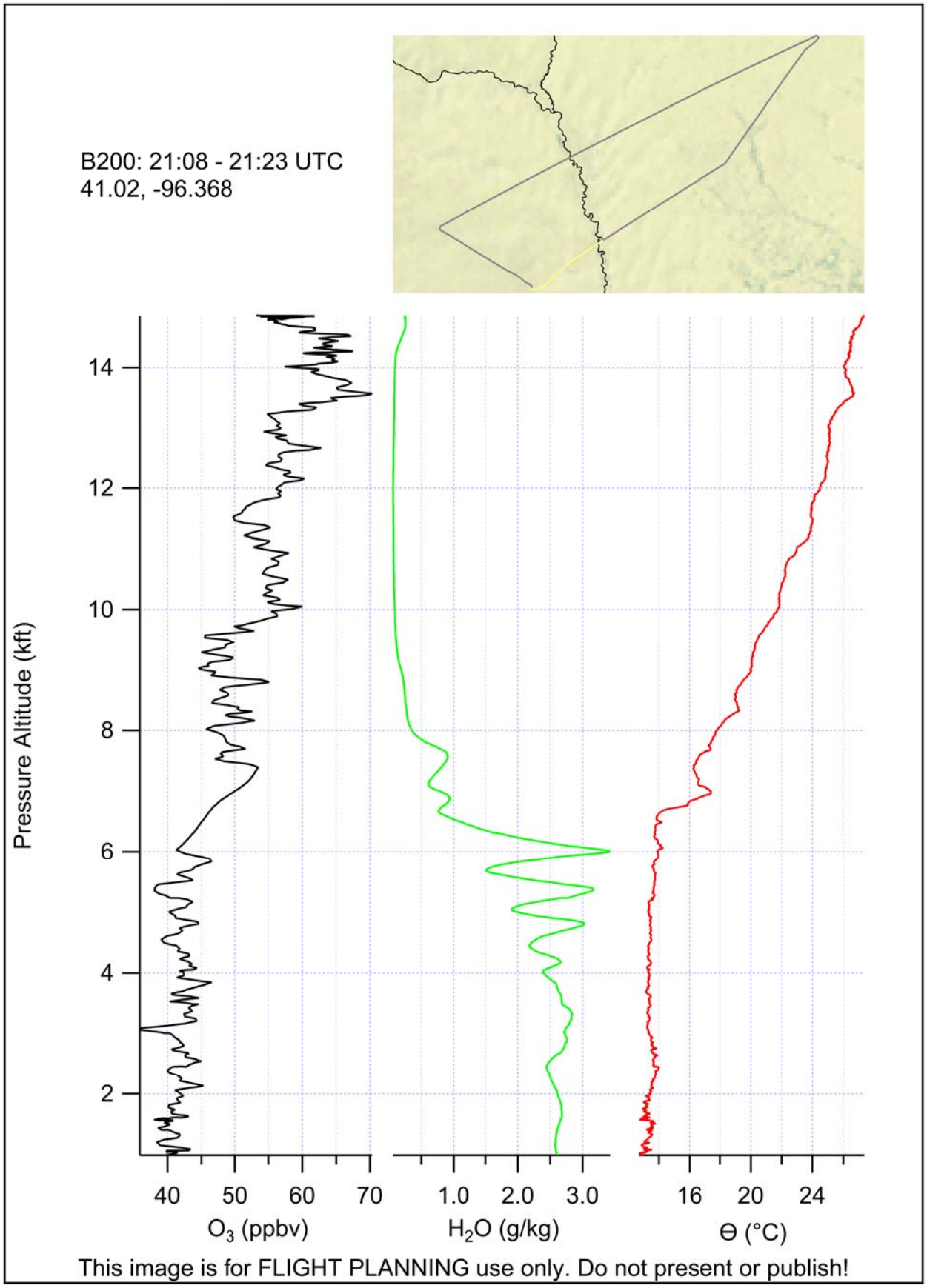
B200: 21:08 - 21:23 UTC
41.02, -96.368
Pressure Altitude (kft)
14
12
10
8
6
4
2
40
50
60
70
O3 (ppbv)
1.0
2.0
3.0
H2O (g/kg)
16
20
24
Θ (°C)
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