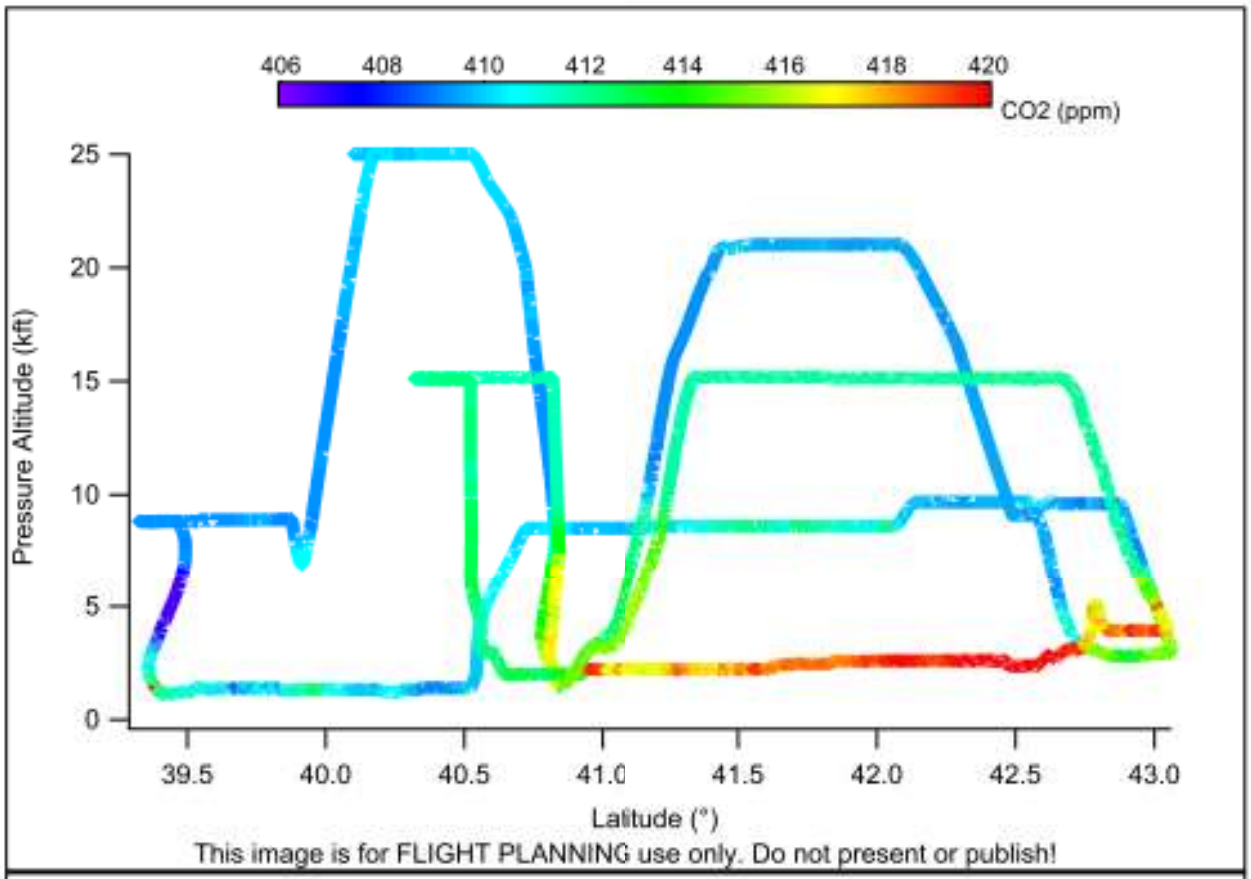
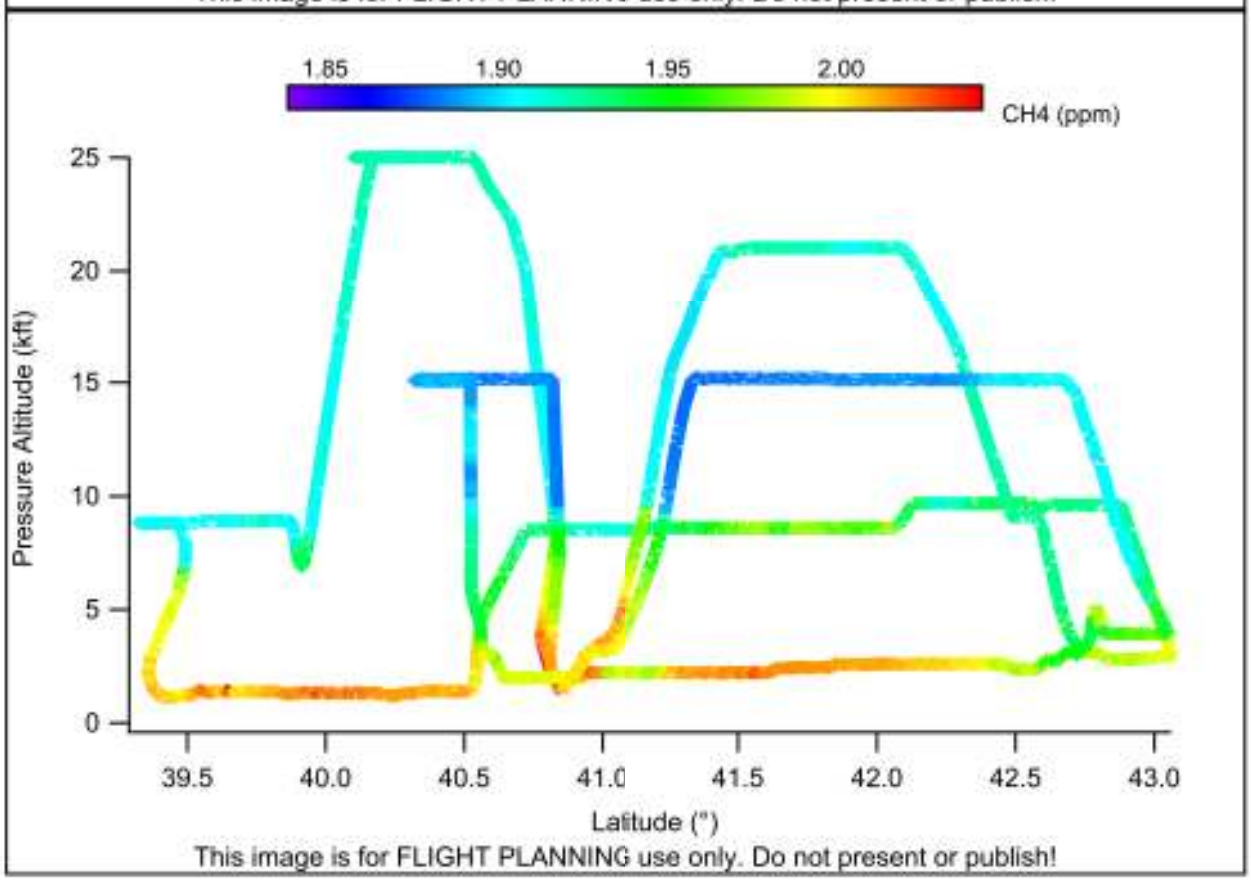
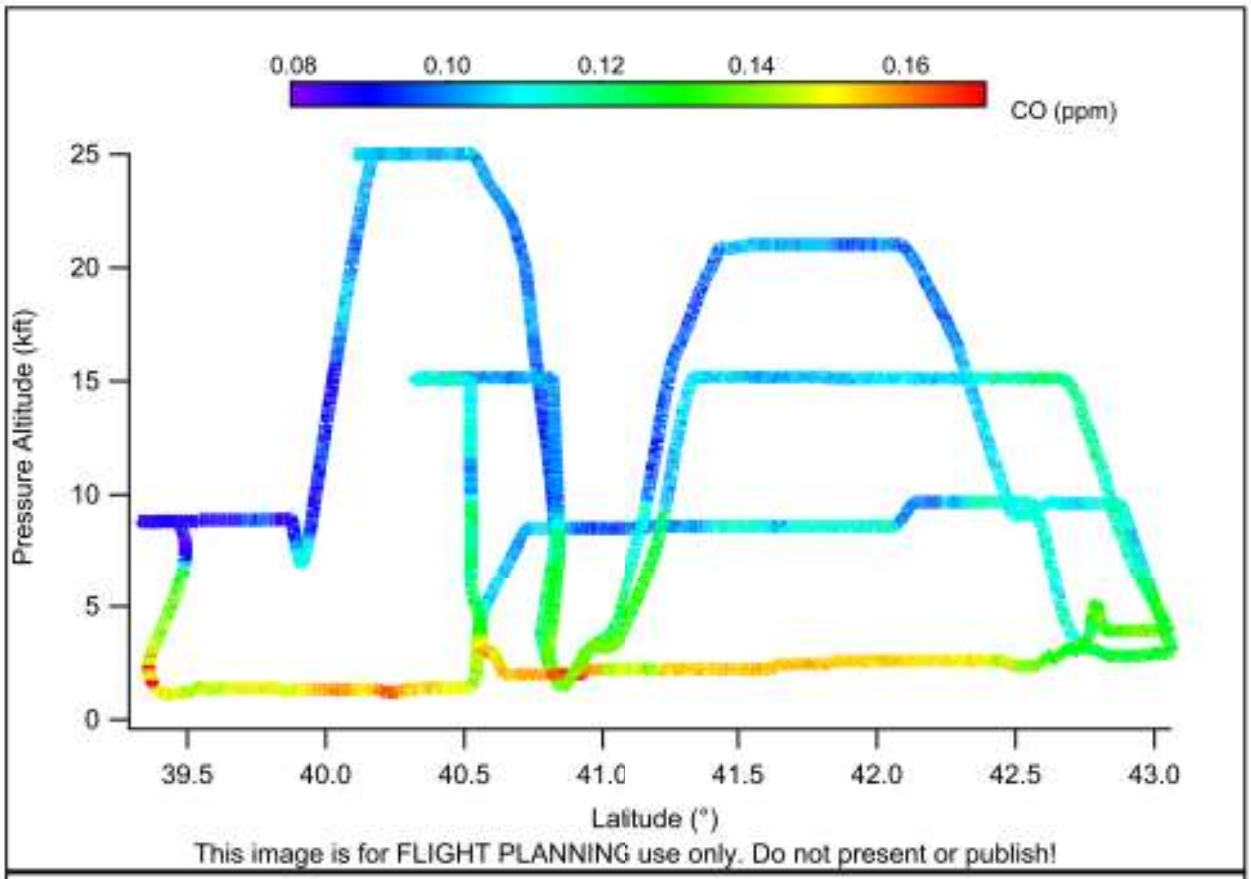
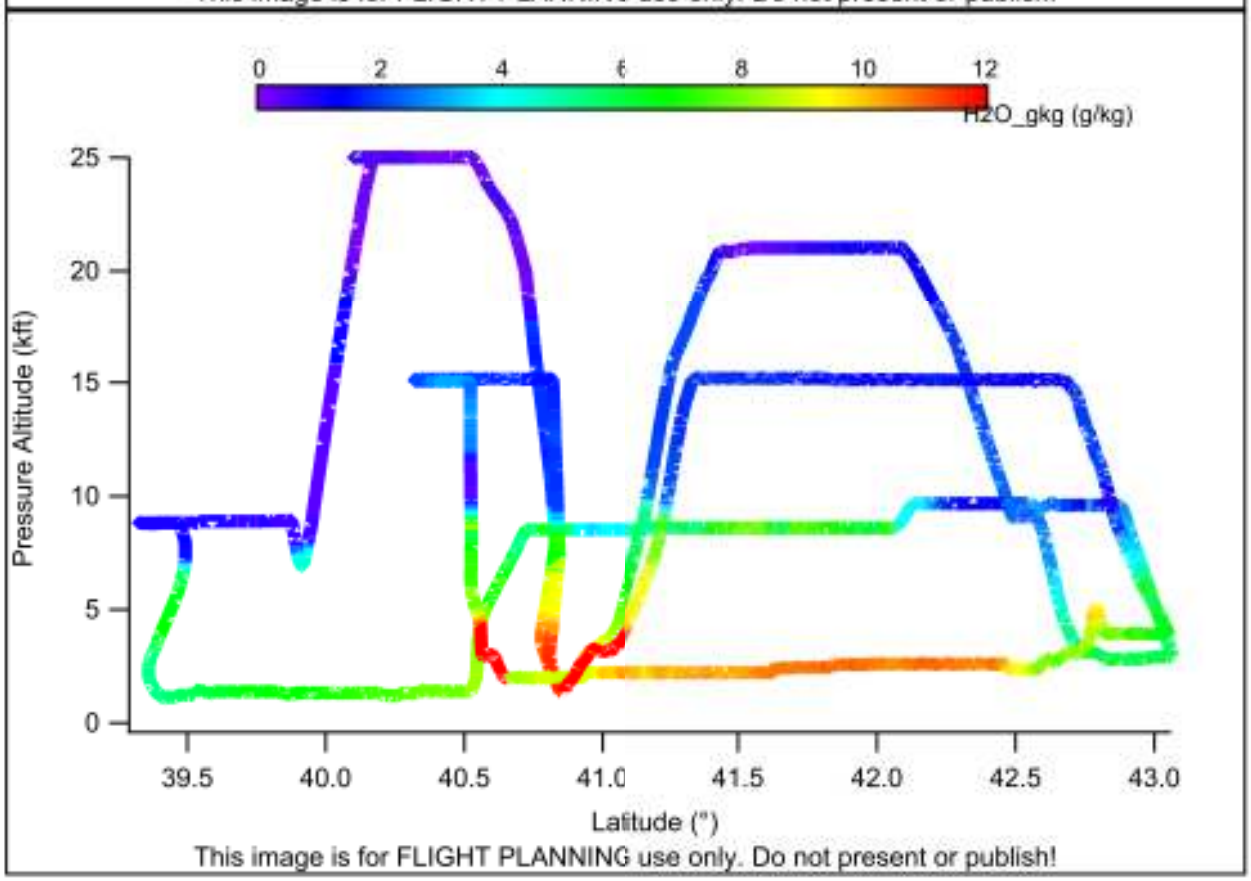
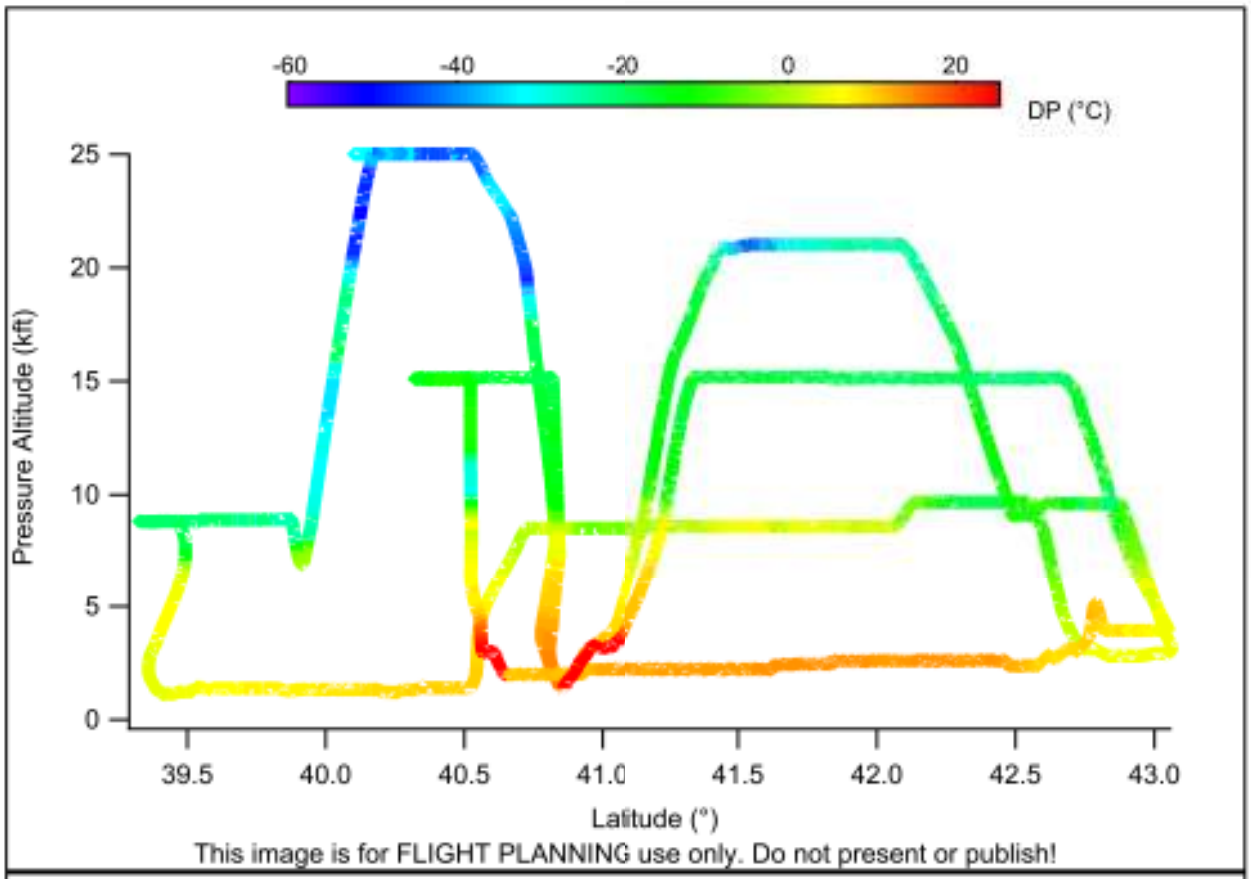
ACT-America 20180501

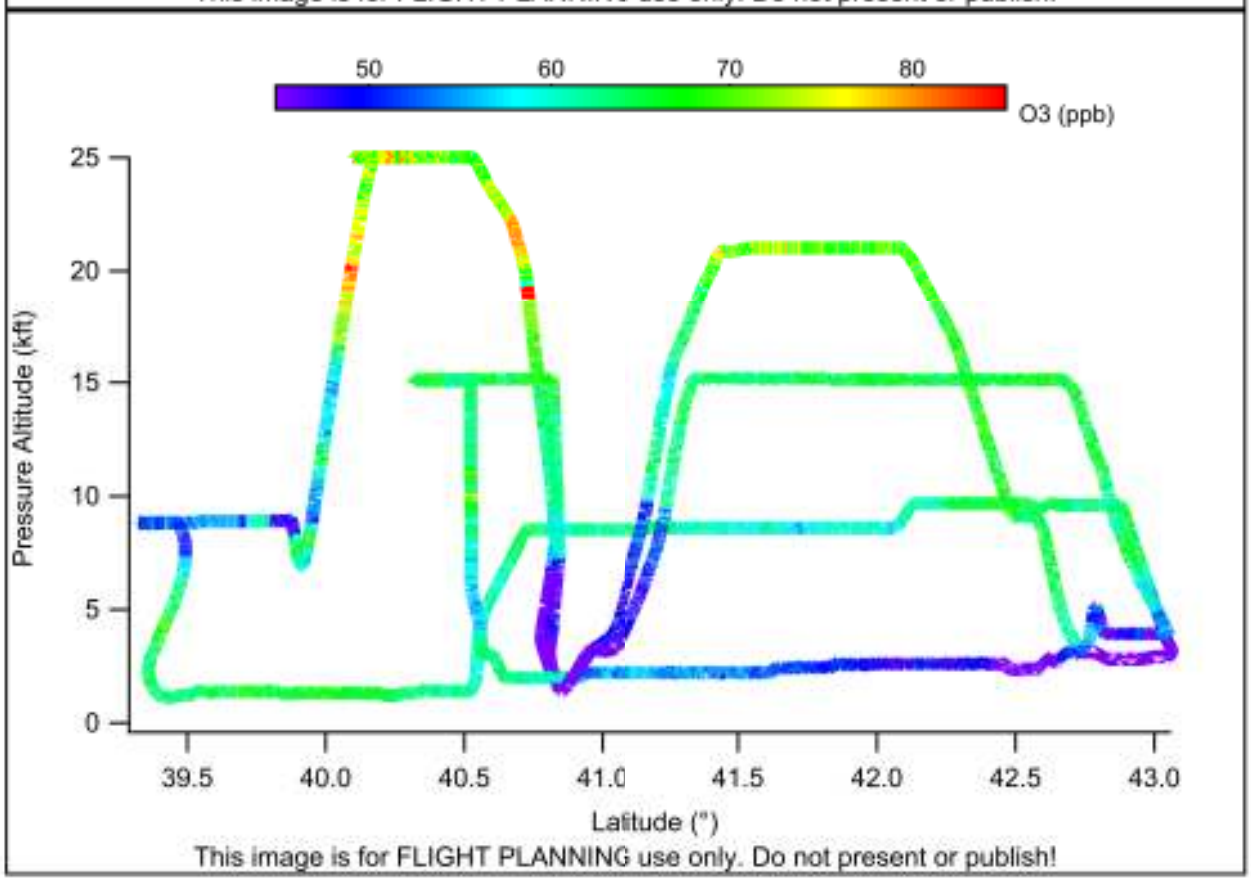

406
408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
39.5
40.0
40.5
41.0
41.5
42.0
42.5
43.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

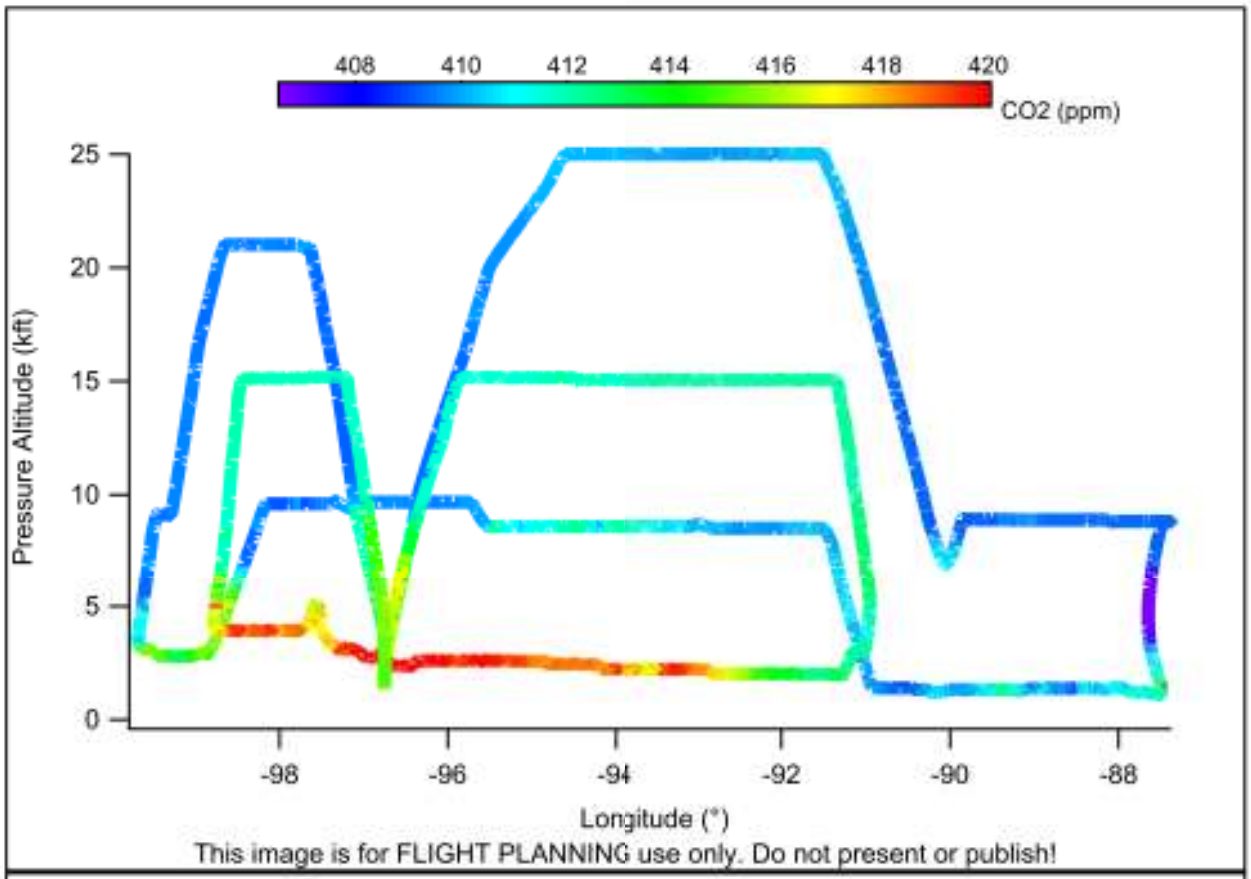

1.85
1.90
1.95
2.00
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
39.5
40.0
40.5
41.0
41.5
42.0
42.5
43.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

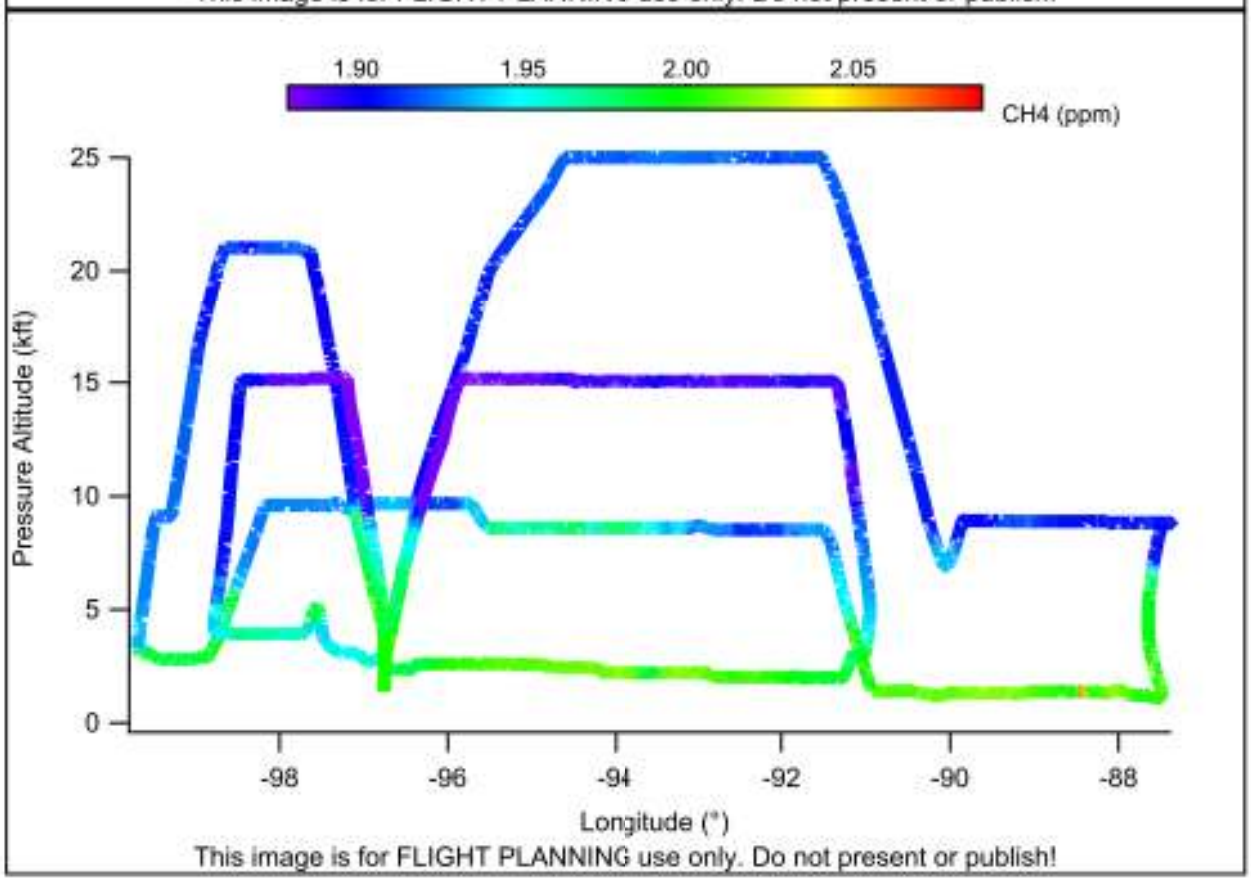

0.08
0.10
0.12
0.14
0.16
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
39.5
40.0
40.5
41.0
41.5
42.0
42.5
43.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

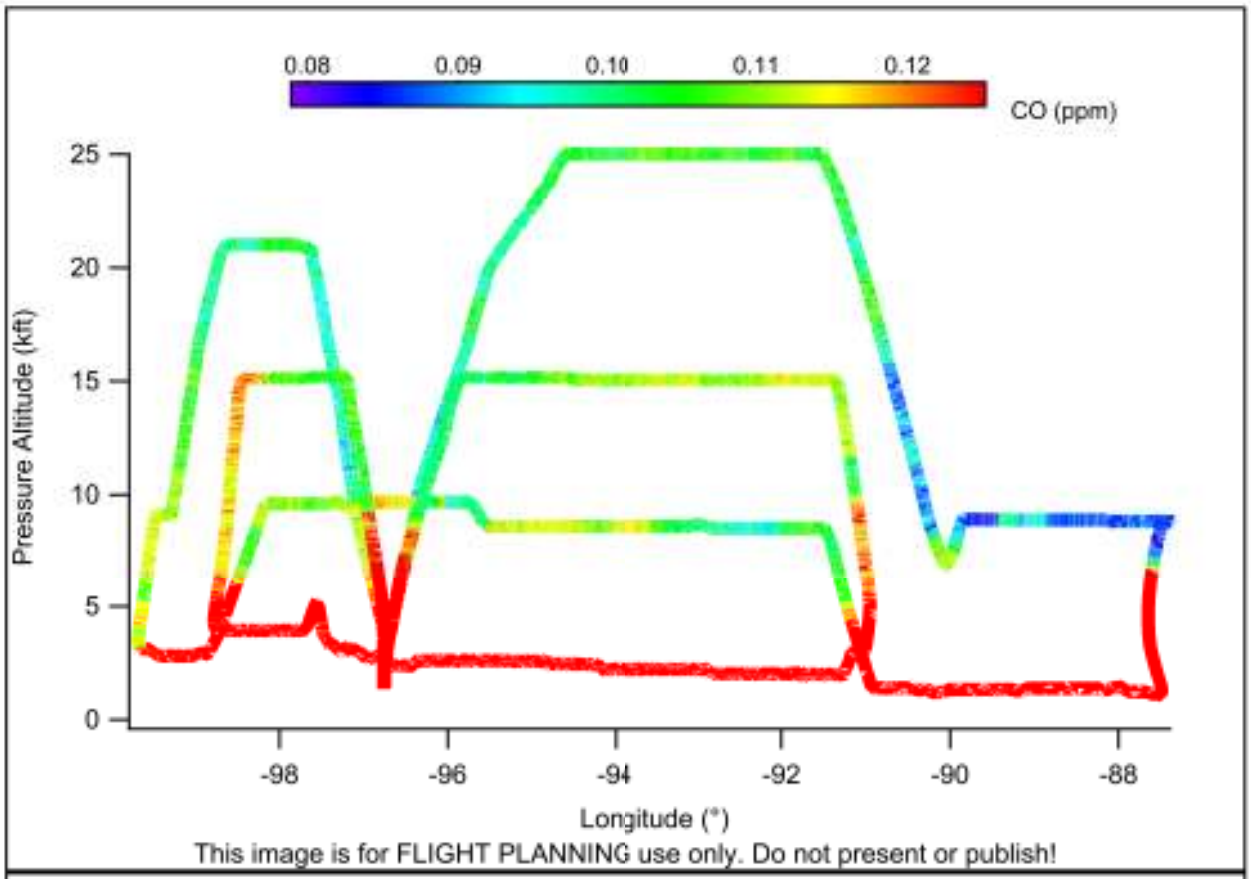

0
2
4
6
8
10
12
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
39.5
40.0
40.5
41.0
41.5
42.0
42.5
43.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

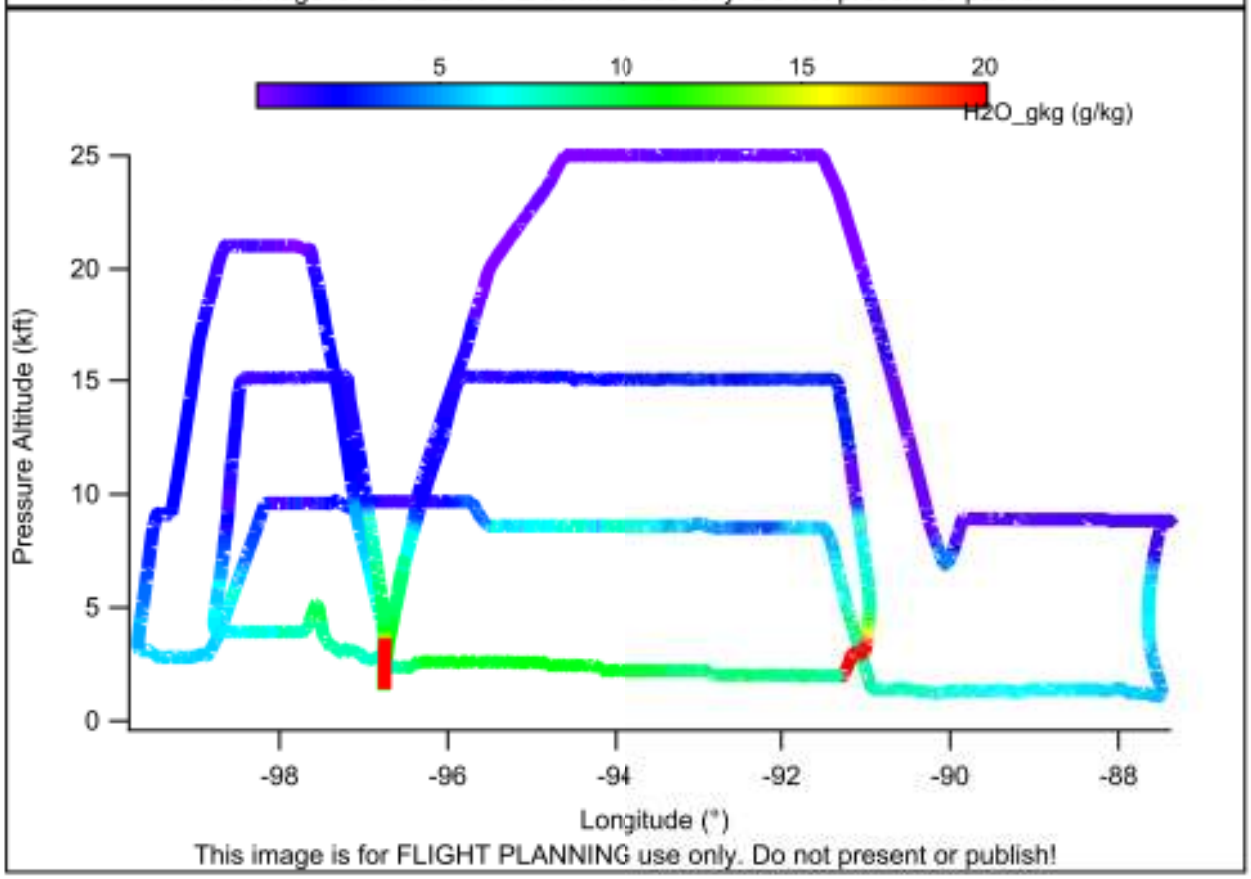

-60
-40
-20
0
20
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
39.5
40.0
40.5
41.0
41.5
42.0
42.5
43.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

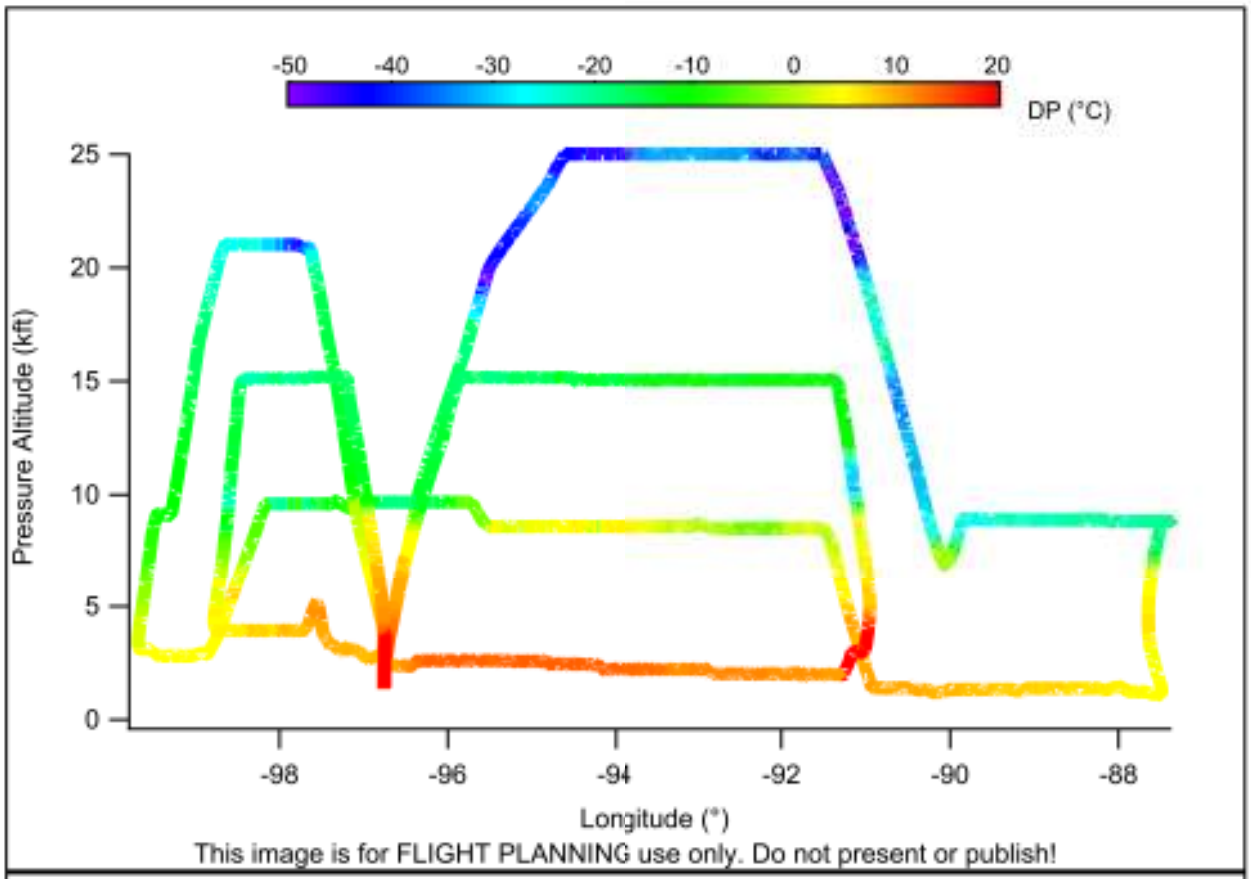

50
60
70
80
O3 (ppb)
Pressure Altitude (kft)
25
20
15
10
5
0
39.5
40.0
40.5
41.0
41.5
42.0
42.5
43.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

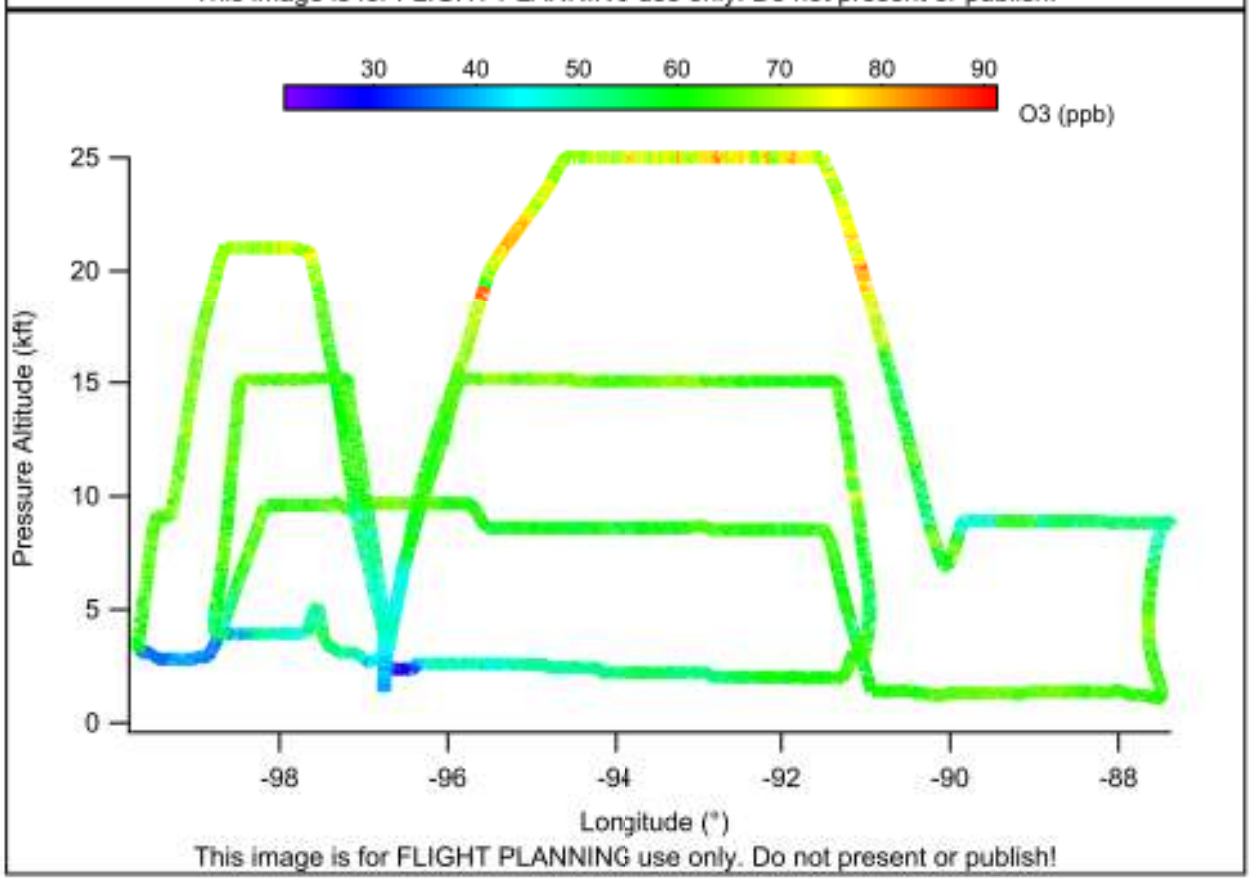

408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

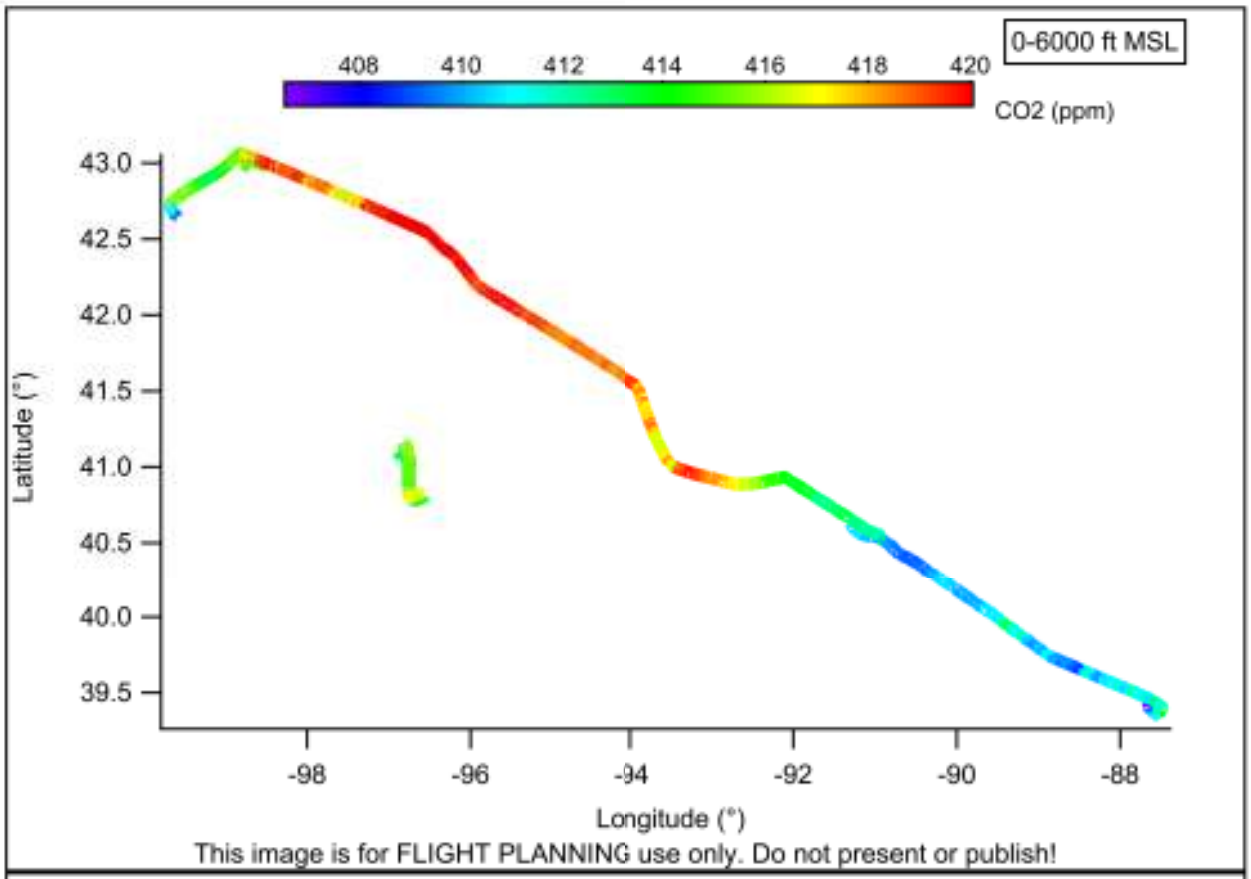

1.90
1.95
2.00
2.05
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

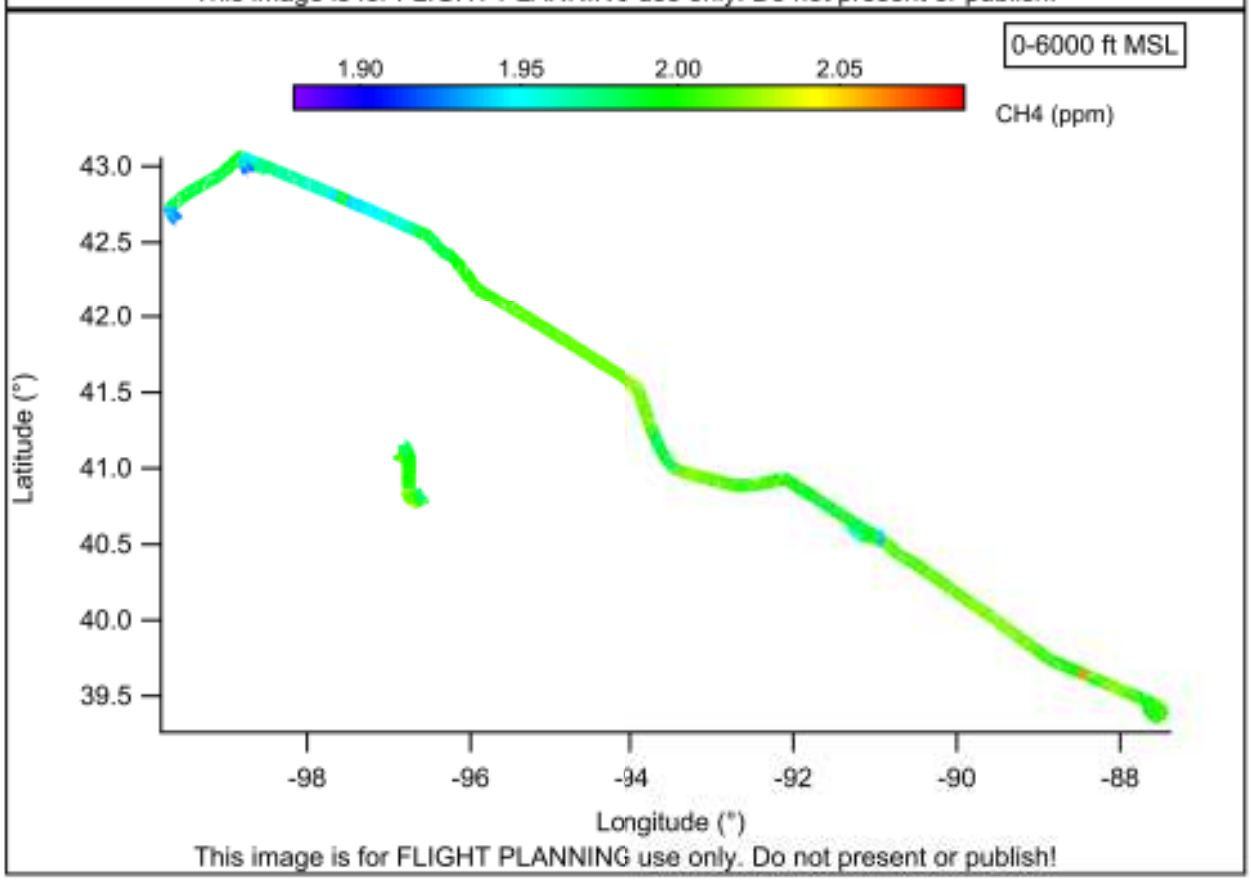

0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

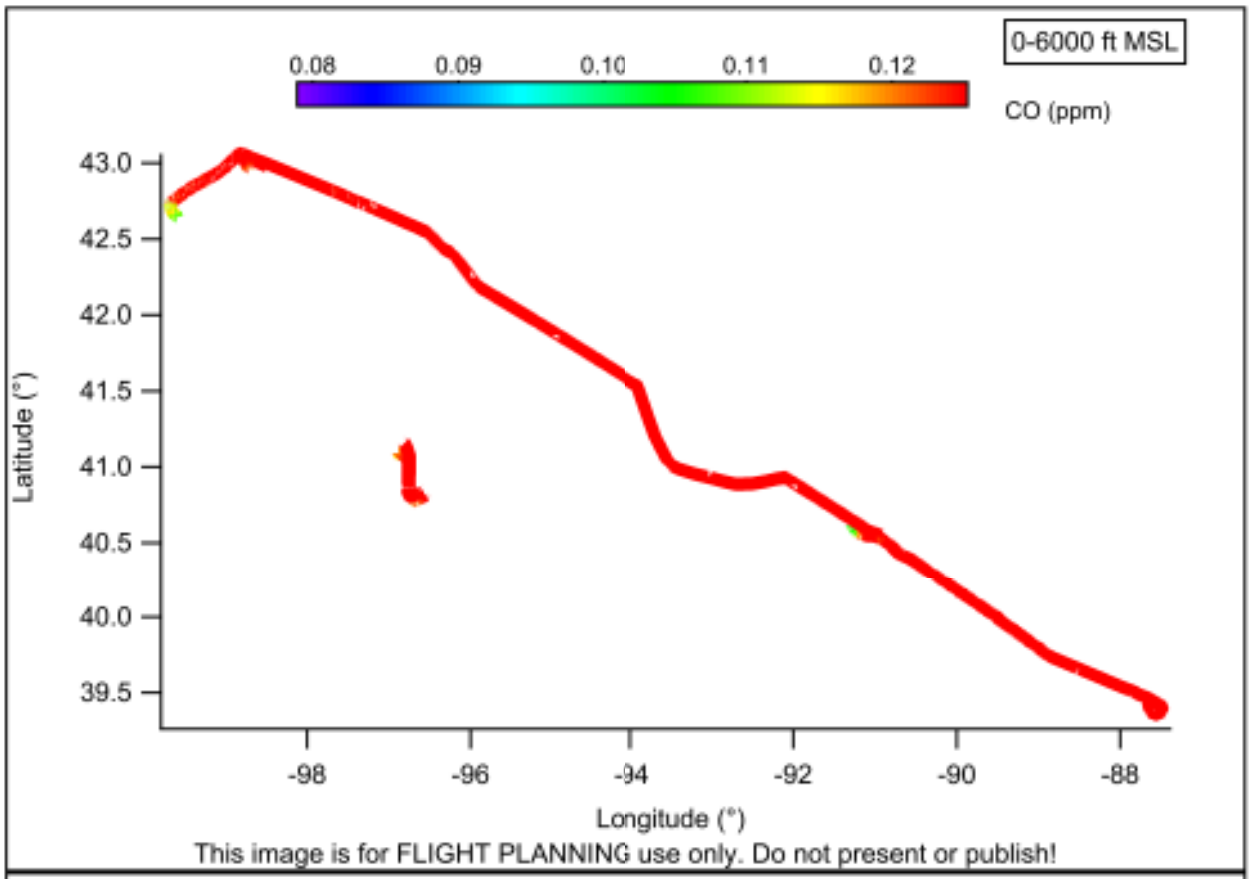

5
10
15
20
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

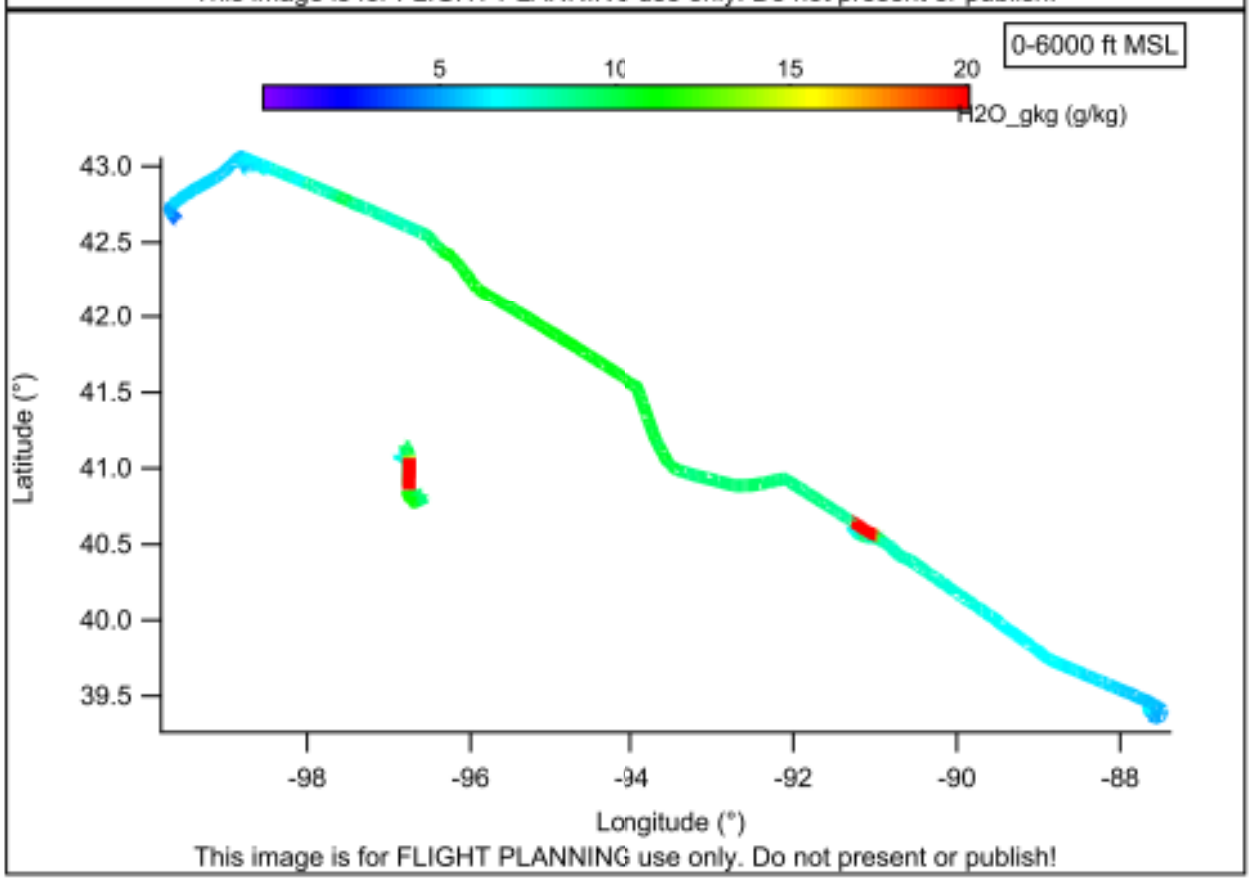

-50 -40 -30 -20 -10 0 10 20
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
-98 -96 -94 -92 -90 -88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

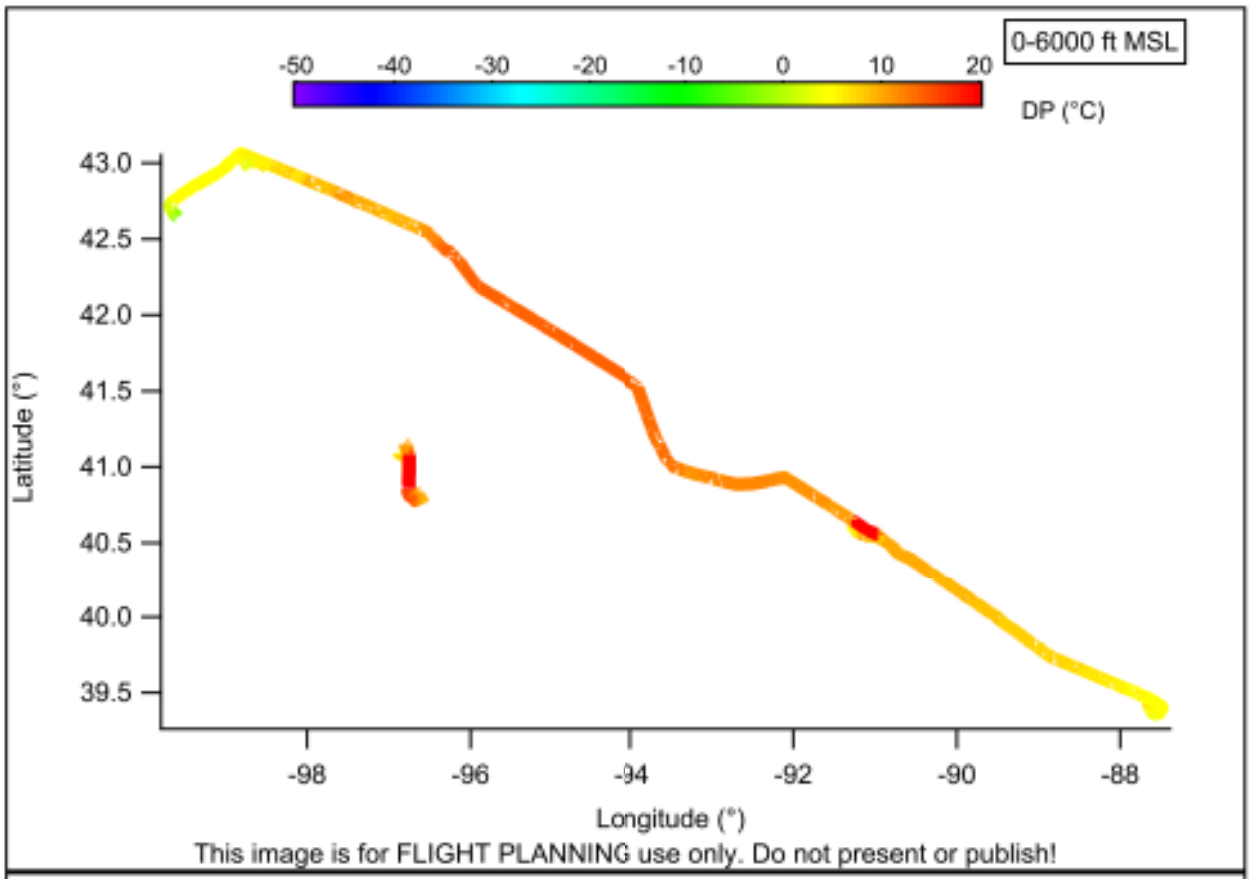

30 40 50 60 70 80 90
O3 (ppb)
Pressure Altitude (kft)
25
20
15
10
5
0
-98 -96 -94 -92 -90 -88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

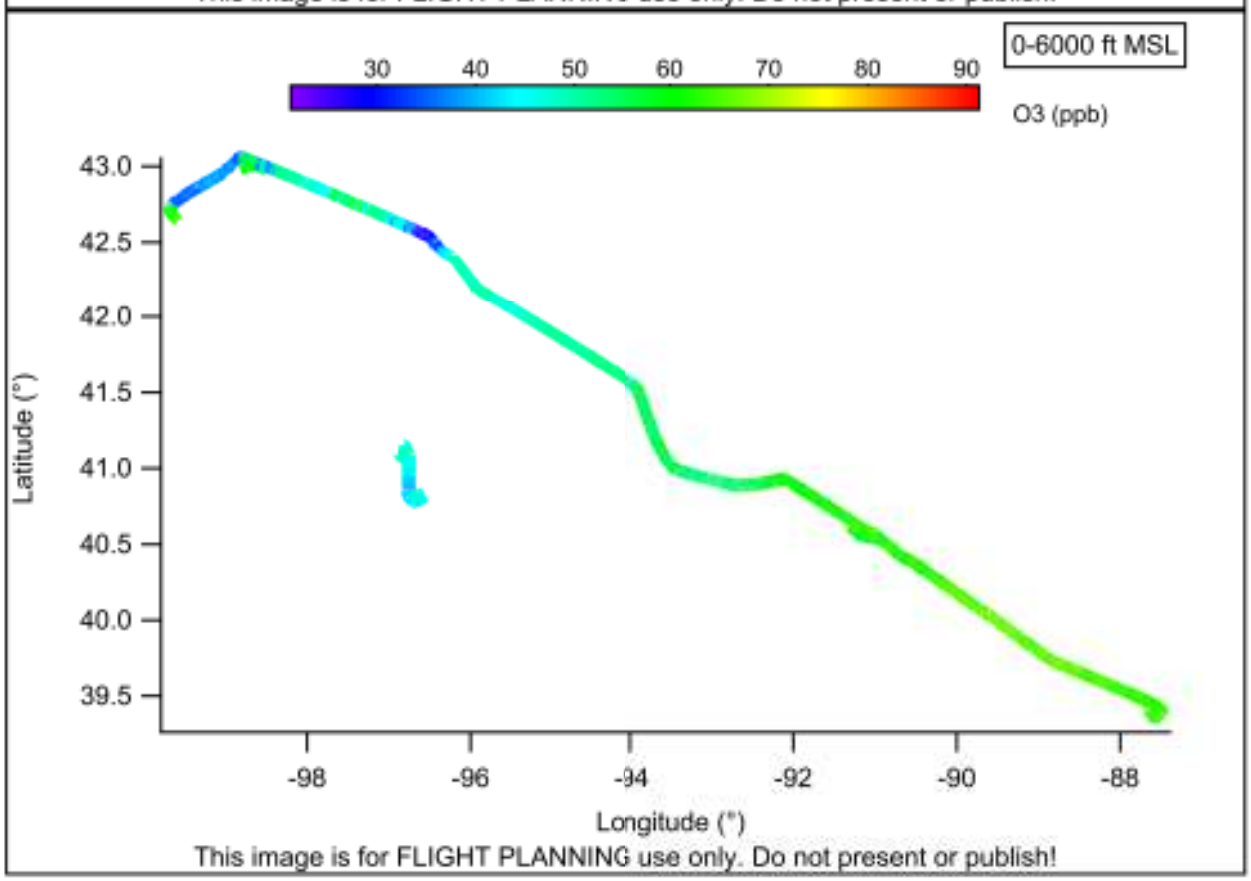

0-6000 ft MSL
408
410
412
414
416
418
420
CO2 (ppm)
43.0
42.5
42.0
41.5
41.0
40.5
40.0
39.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
1.90
1.95
2.00
2.05
CH4 (ppm)
43.0
42.5
42.0
41.5
41.0
40.5
40.0
39.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
0.08
0.09
0.10
0.11
0.12
CO (ppm)
43.0
42.5
42.0
41.5
41.0
40.5
40.0
39.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
5
10
15
20
H2O_gkg (g/kg)
43.0
42.5
42.0
41.5
41.0
40.5
40.0
39.5
Latitude (°)
-98
-96
-94
-92
-90
-88
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 20
DP (°C)
43.0
42.5
42.0
41.5
41.0
40.5
40.0
39.5
Latitude (°)
-98 -96 -94 -92 -90 -88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
30 40 50 60 70 80 90
O3 (ppb)
43.0
42.5
42.0
41.5
41.0
40.5
40.0
39.5
Latitude (°)
-98 -96 -94 -92 -90 -88
Longitude (°)
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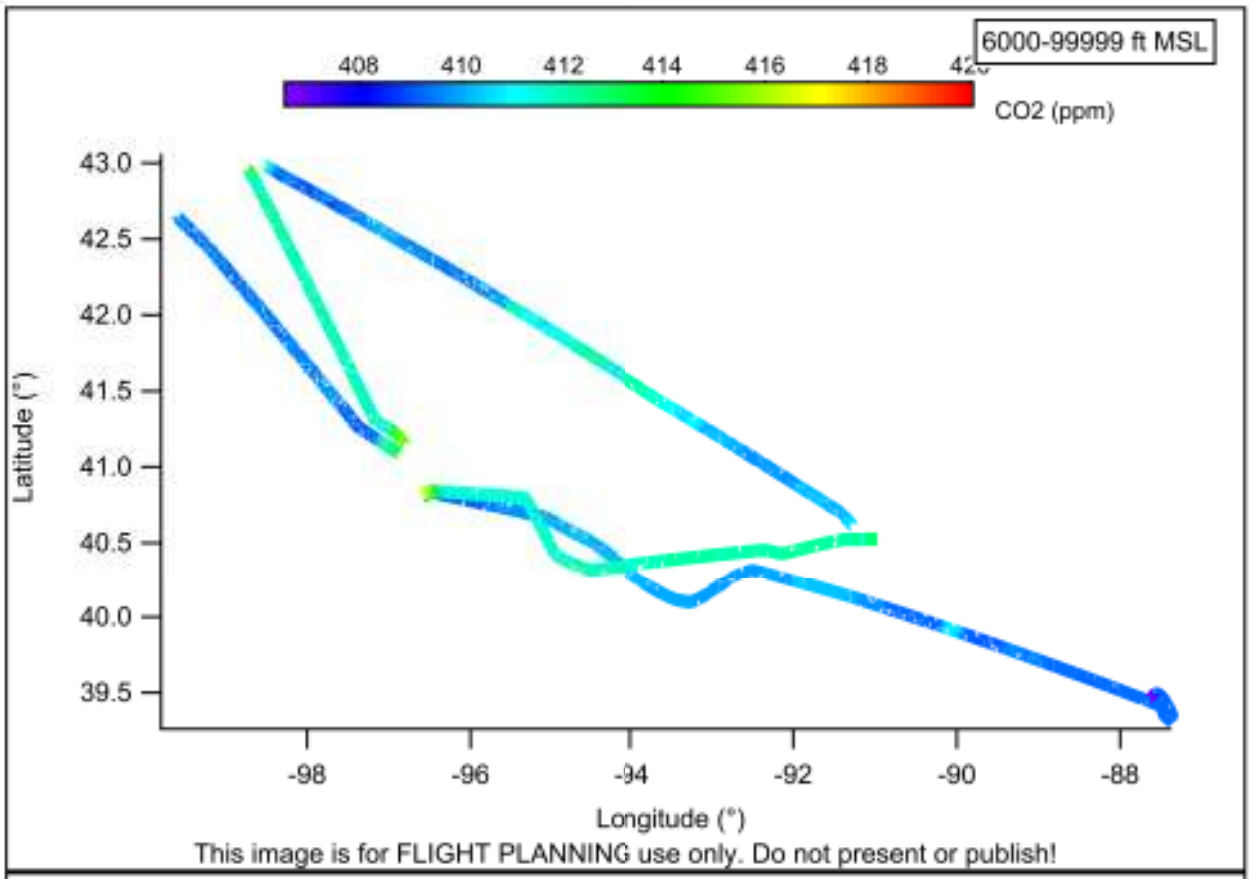
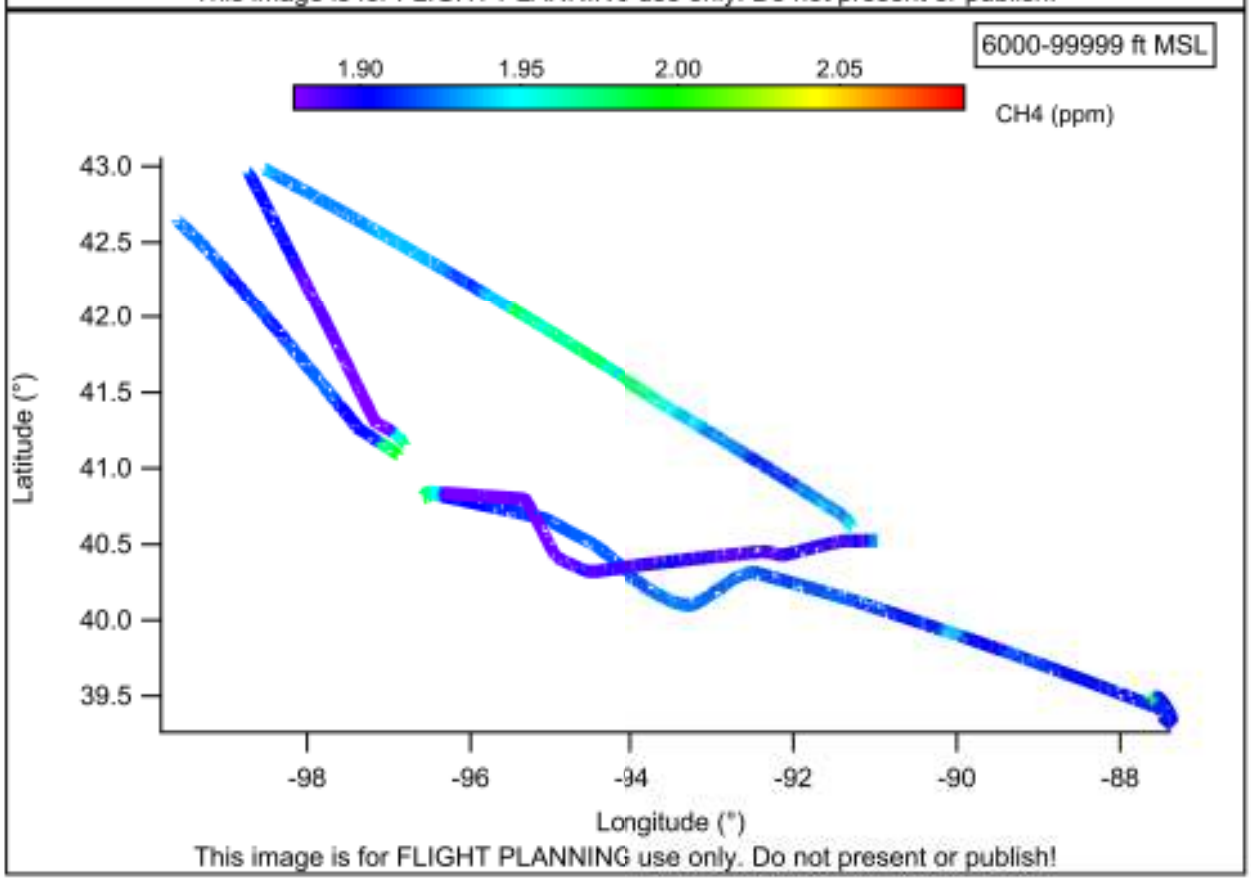
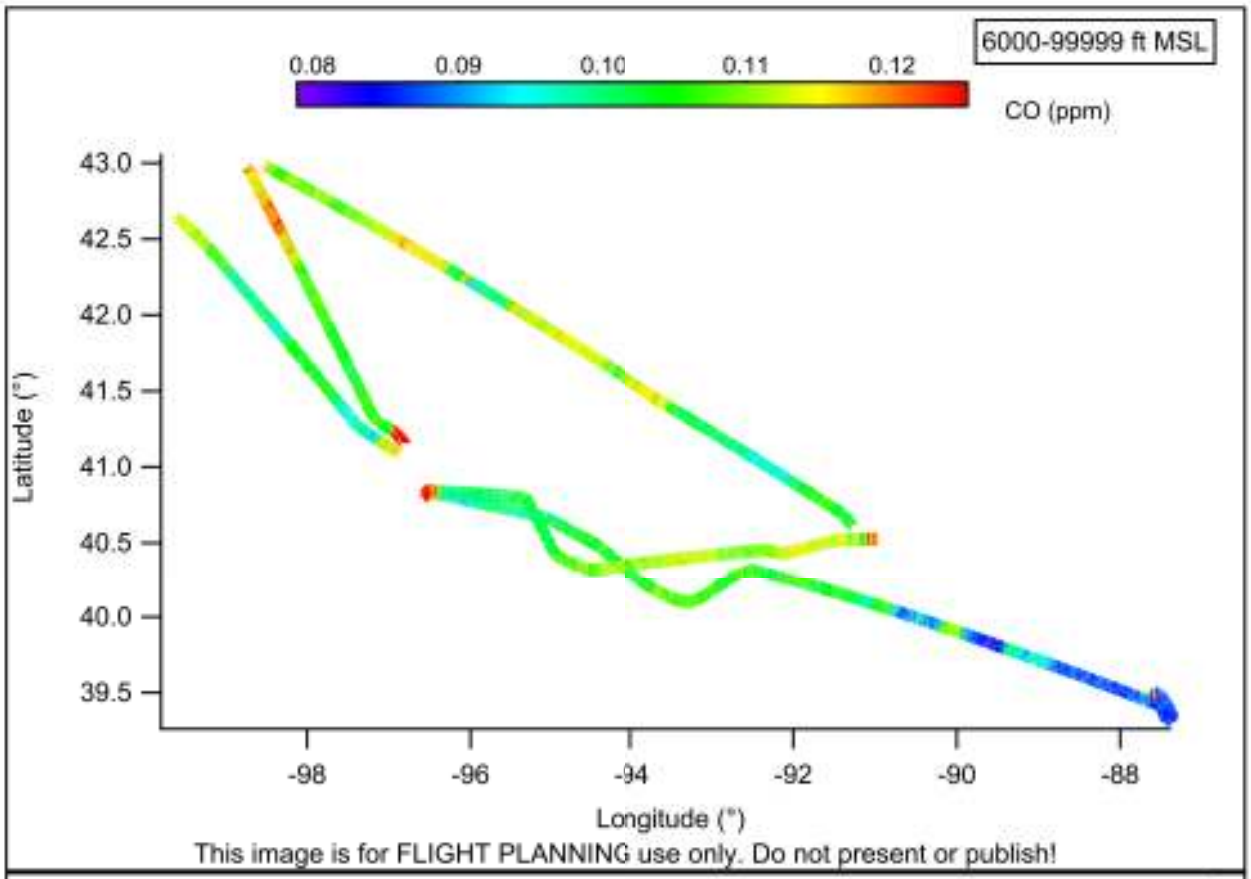
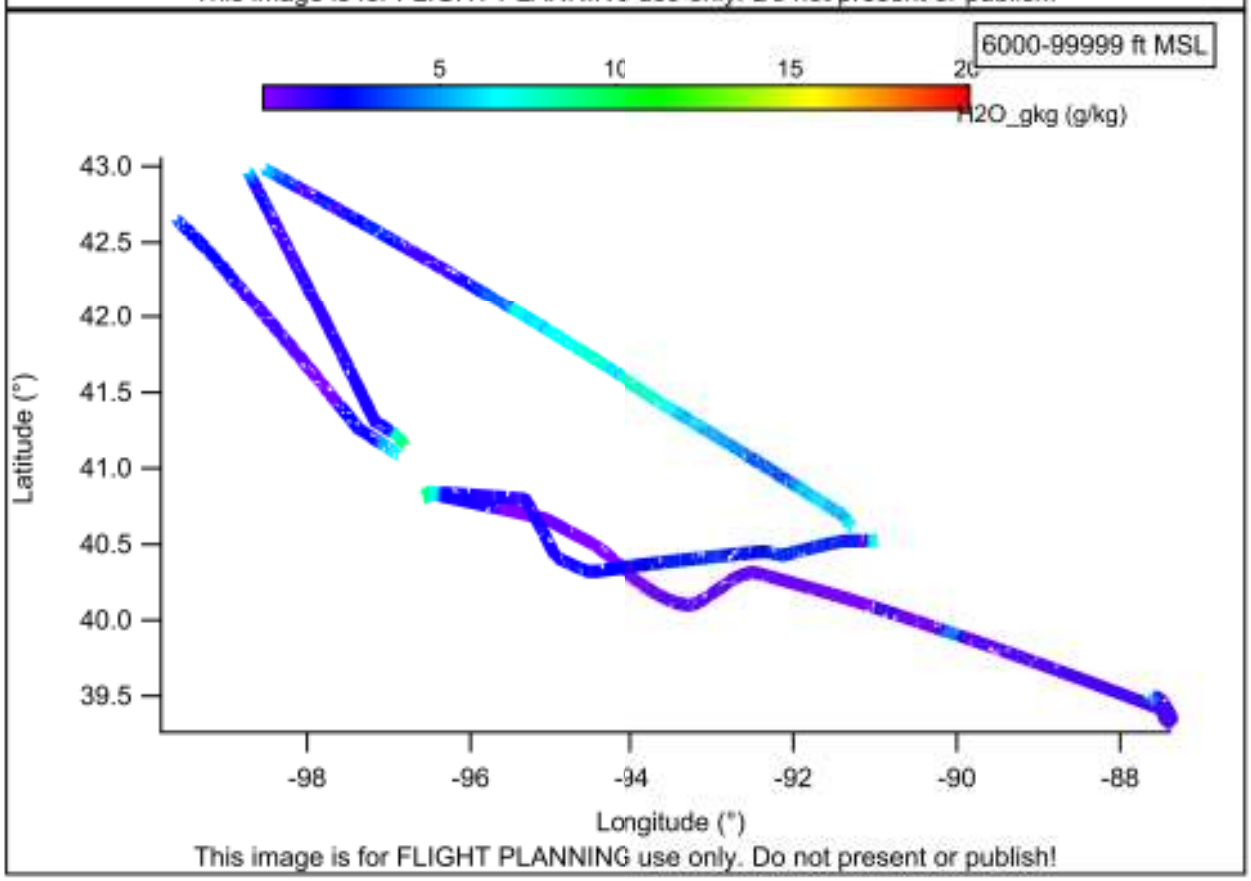

6000-99999 ft MSL
408
410
412
414
416
418
CO2 (ppm)
43.0
42.5
42.0
41.5
41.0
40.5
40.0
39.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
1.90
1.95
2.00
2.05
CH4 (ppm)
43.0
42.5
42.0
41.5
41.0
40.5
40.0
39.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
0.08
0.09
0.10
0.11
0.12
CO (ppm)
43.0
42.5
42.0
41.5
41.0
40.5
40.0
39.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
5
10
15
20
H2O_gkg (g/kg)
43.0
42.5
42.0
41.5
41.0
40.5
40.0
39.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
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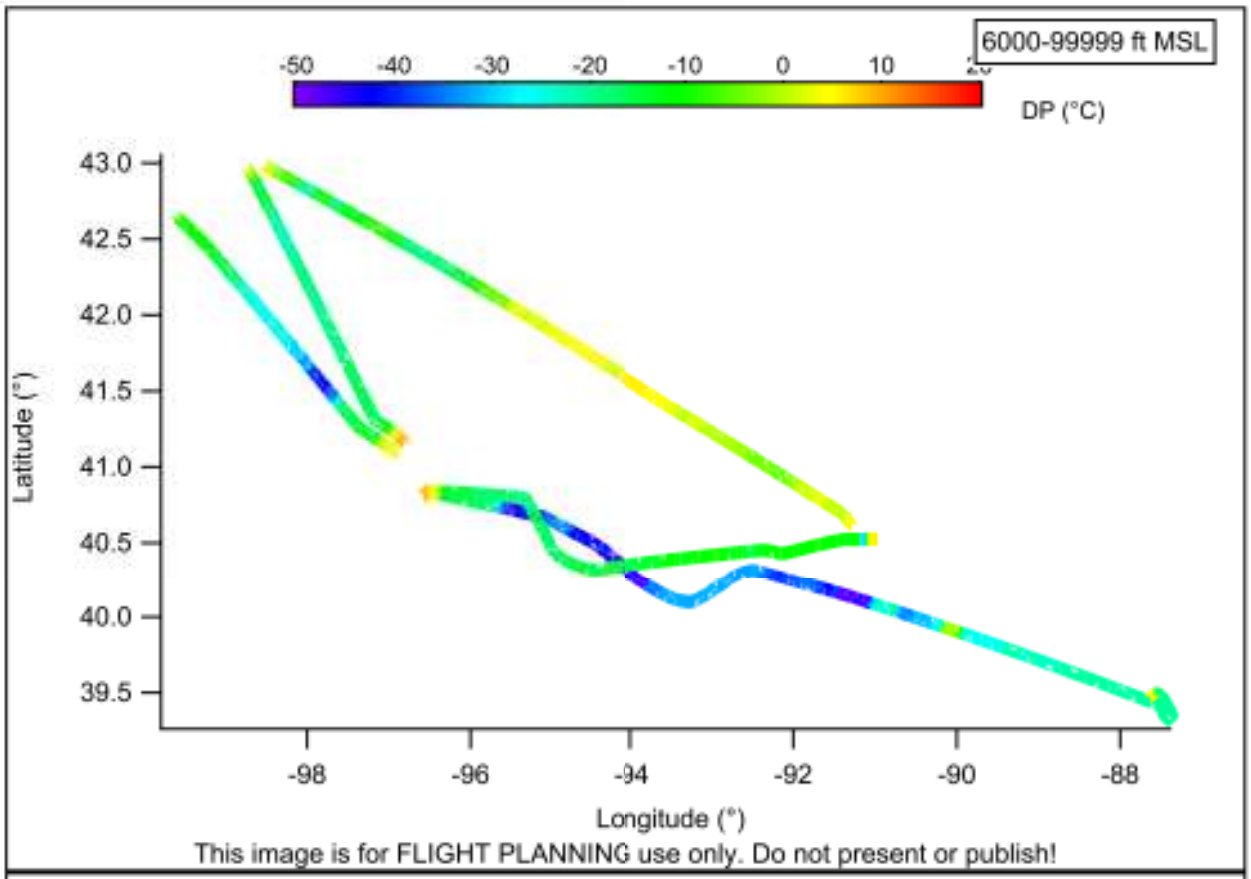
6000-99999 ft MSL
-50
-40
-30
-20
-10
0
10
DP (°C)
43.0
42.5
42.0
41.5
41.0
40.5
40.0
39.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
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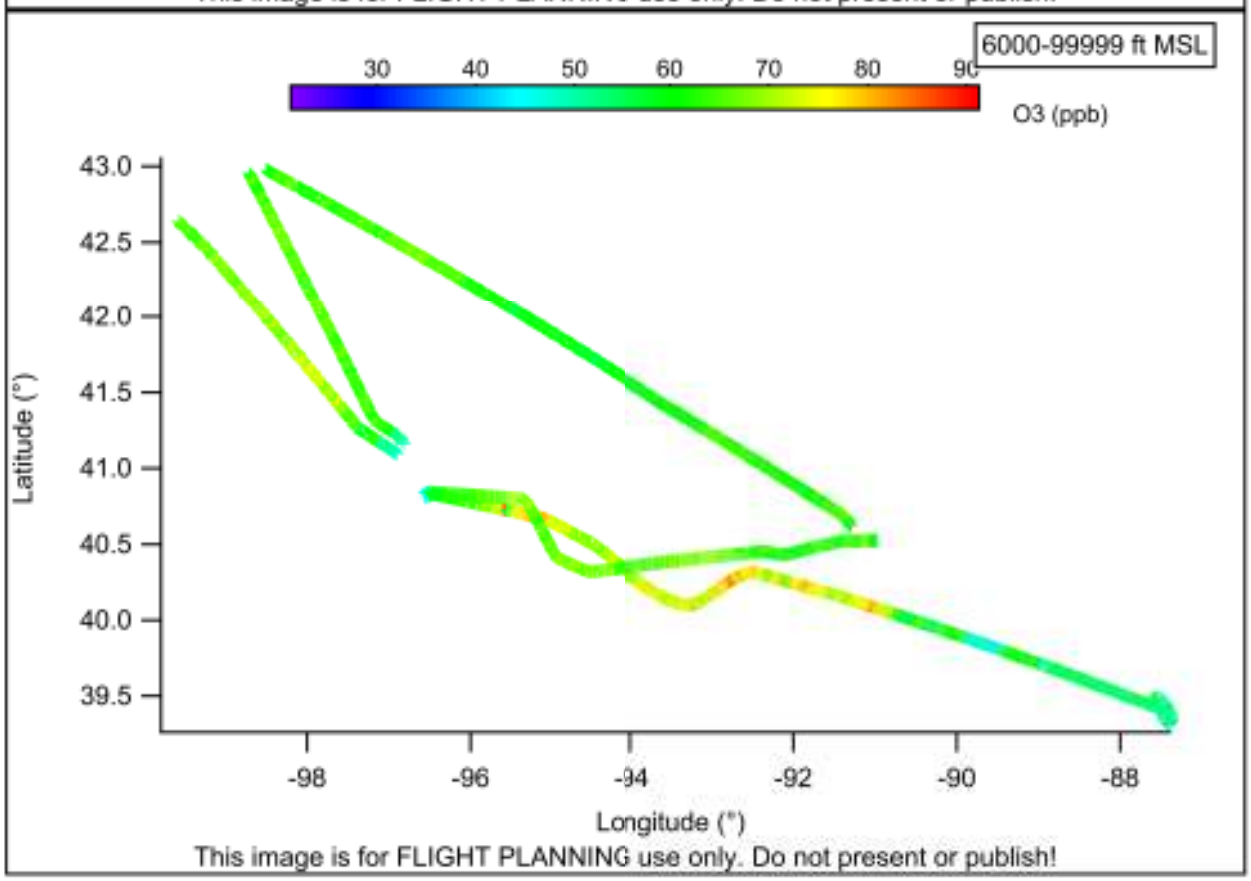
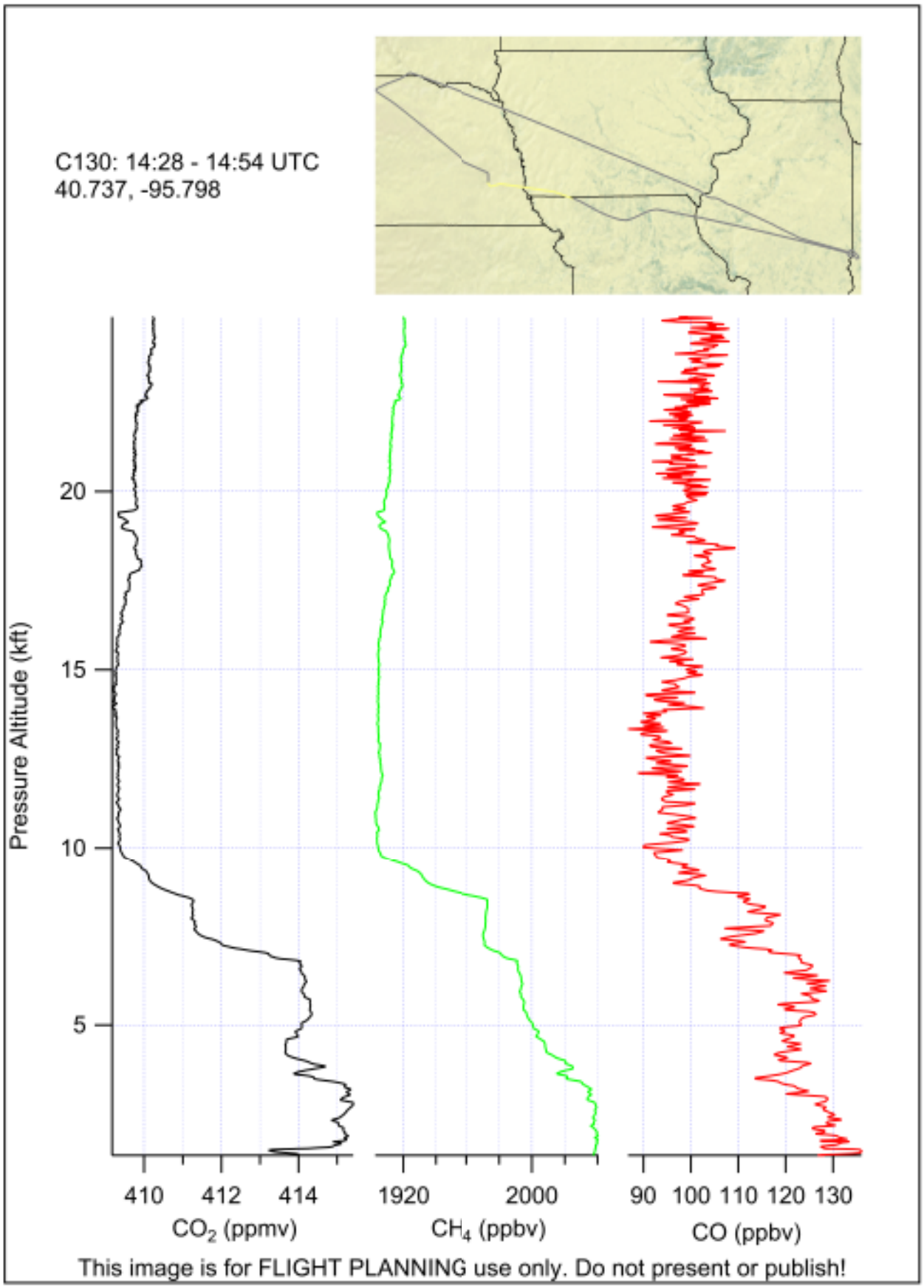
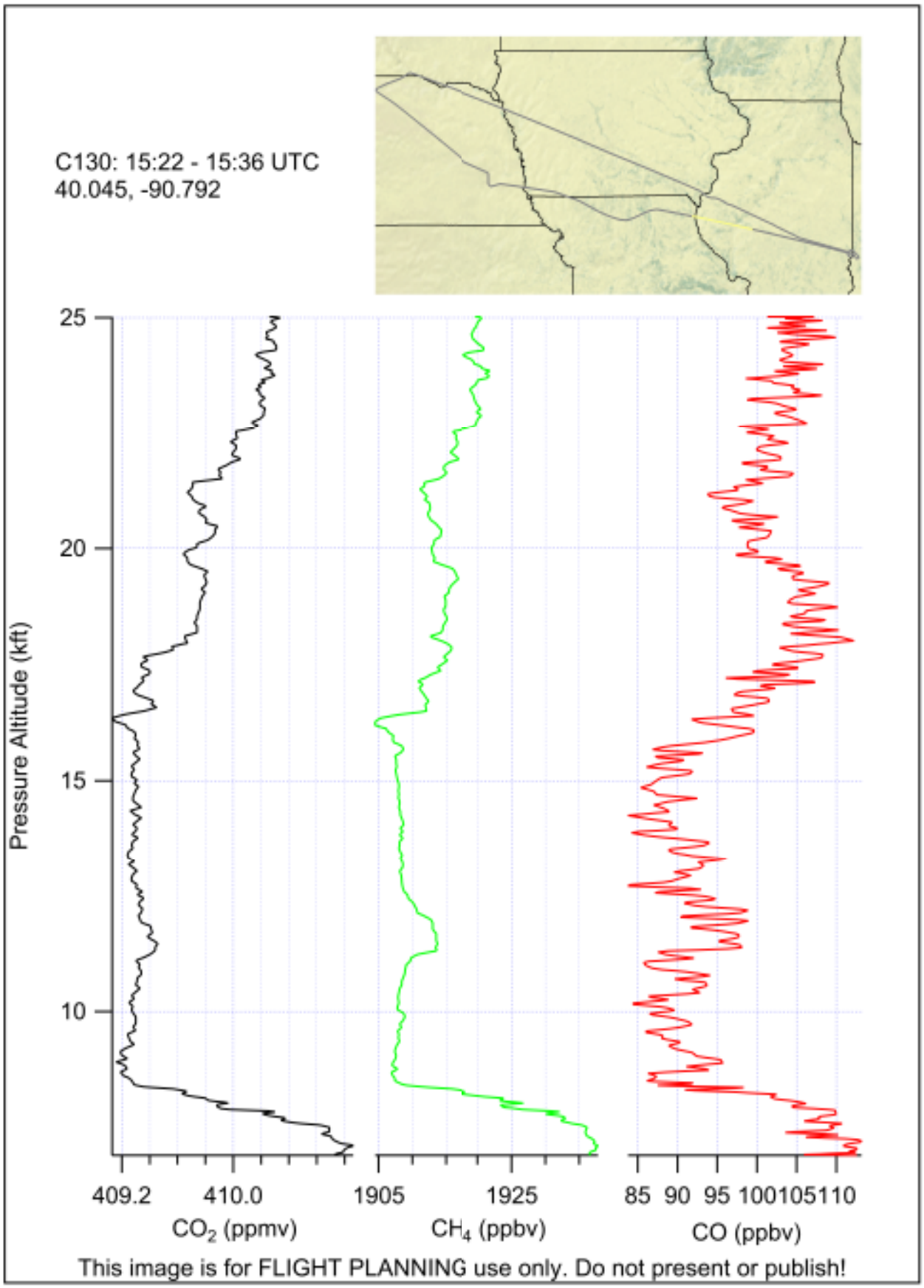

6000-99999 ft MSL
30
40
50
60
70
80
O3 (ppb)
43.0
42.5
42.0
41.5
41.0
40.5
40.0
39.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 14:28 - 14:54 UTC
40.737, -95.798
Pressure Altitude (kft)
20
15
10
5
410
412
414
CO2 (ppmv)
1920
2000
CH4 (ppbv)
90
100
110
120
130
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 15:22 - 15:36 UTC
40.045, -90.792
Pressure Altitude (kft)
25
20
15
10
409.2
410.0
CO2 (ppmv)
1905
1925
CH4 (ppbv)
85 90 95 100105110
CO (ppbv)
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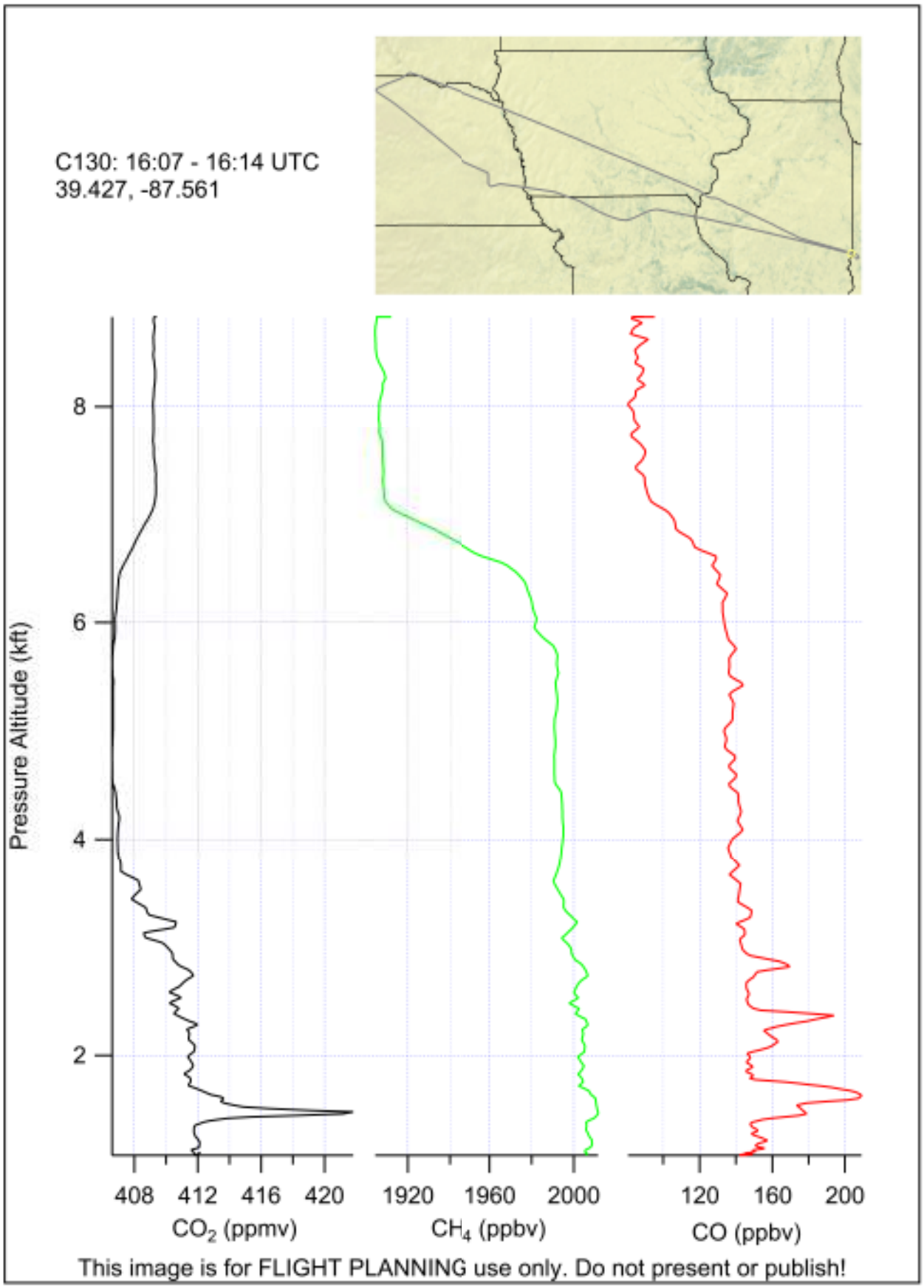
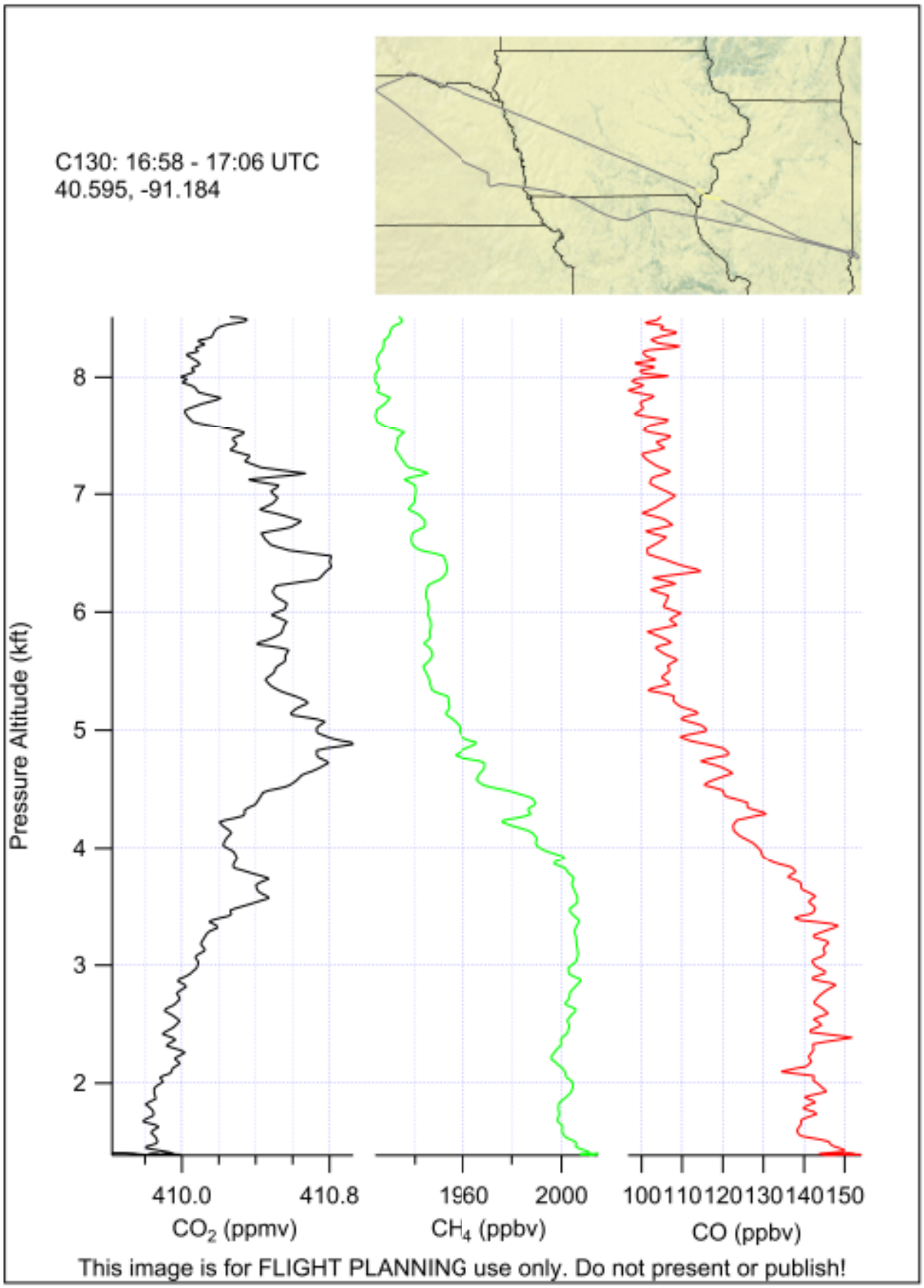
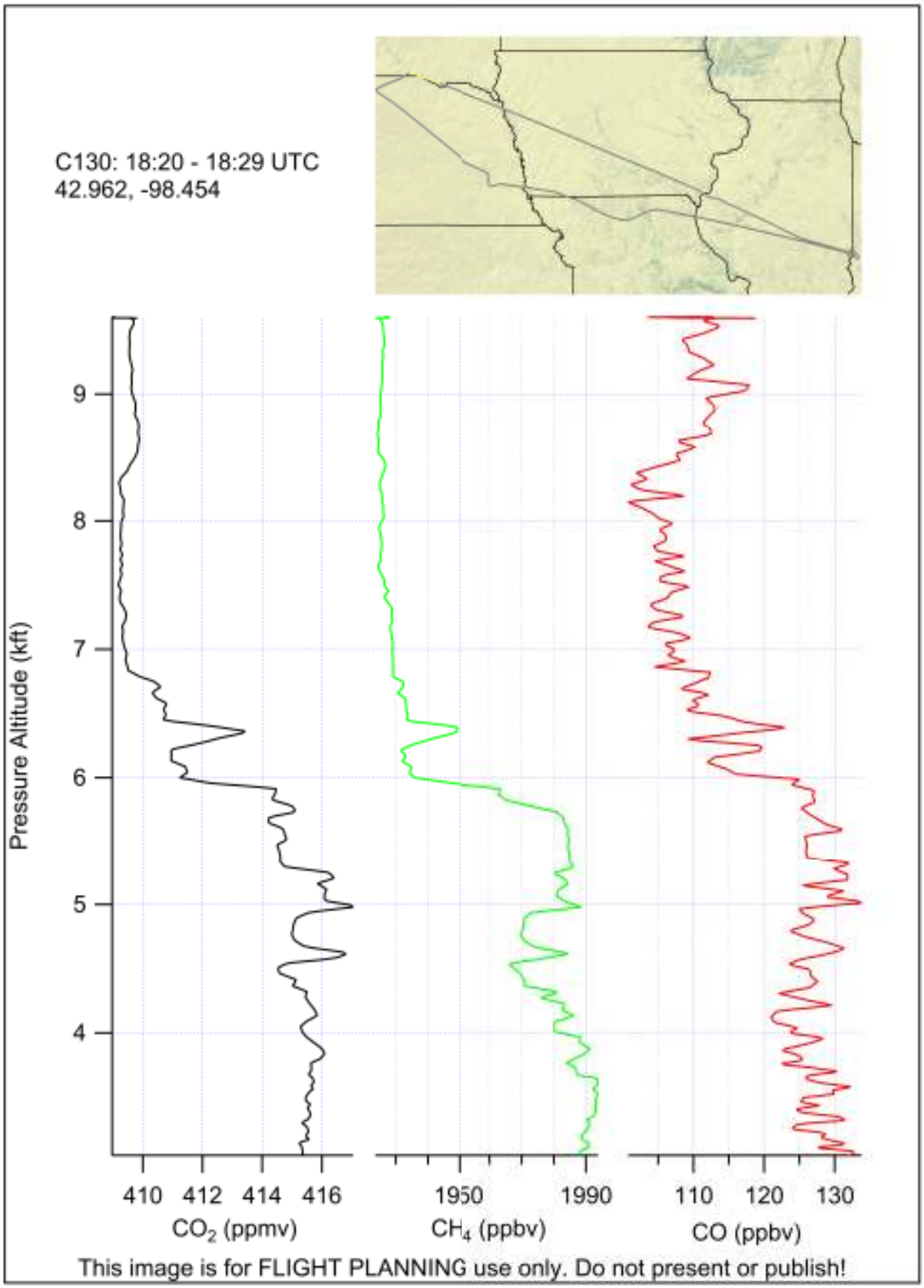
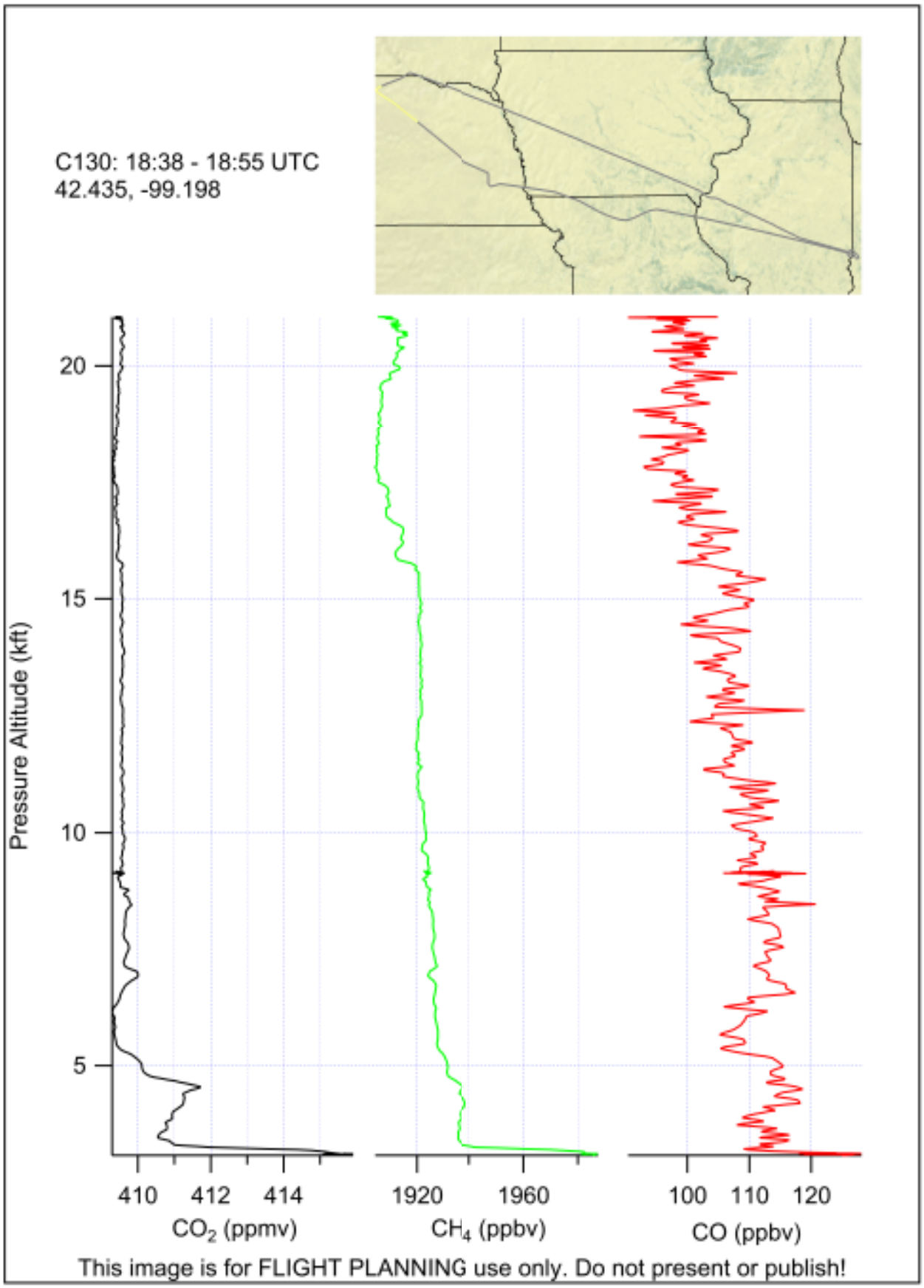
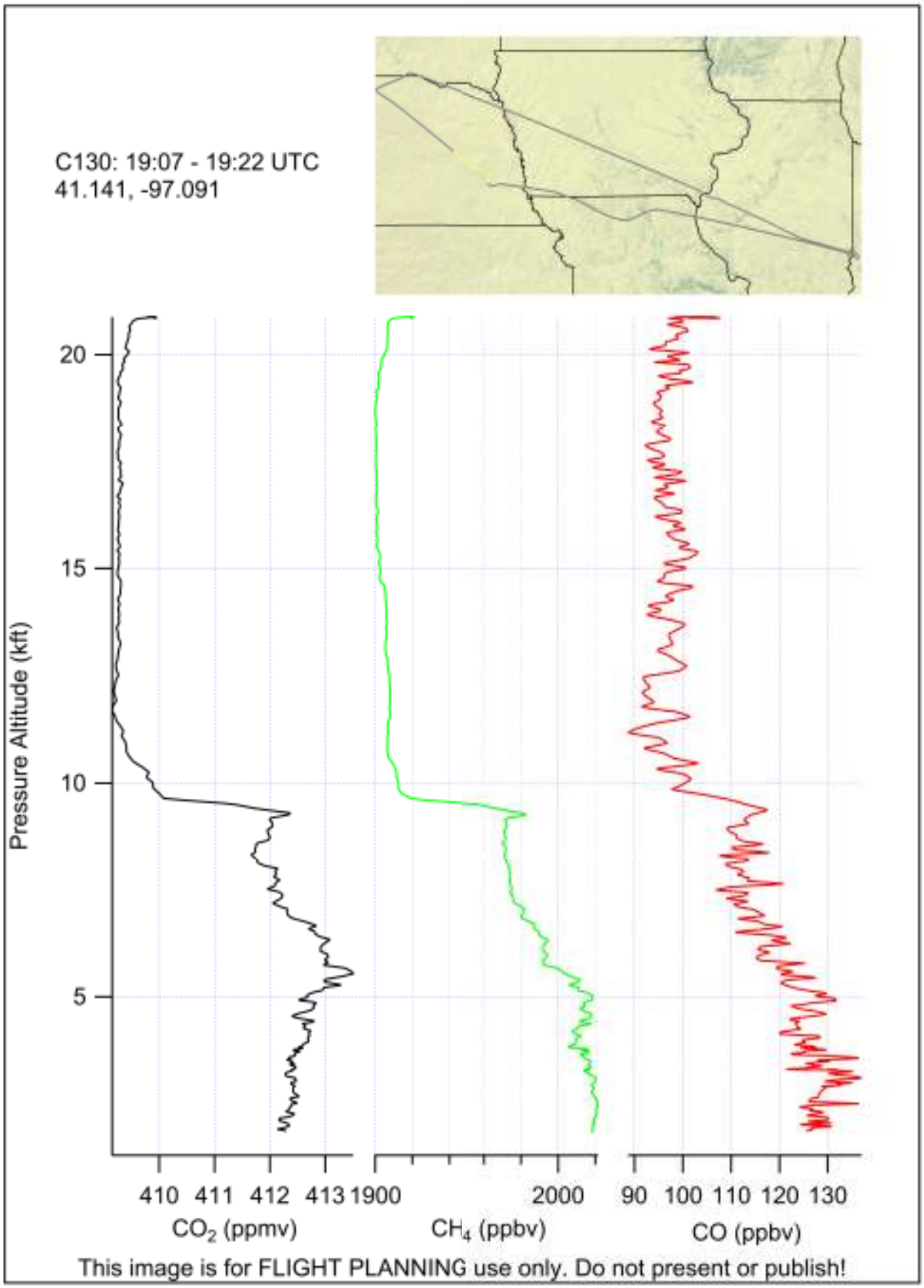
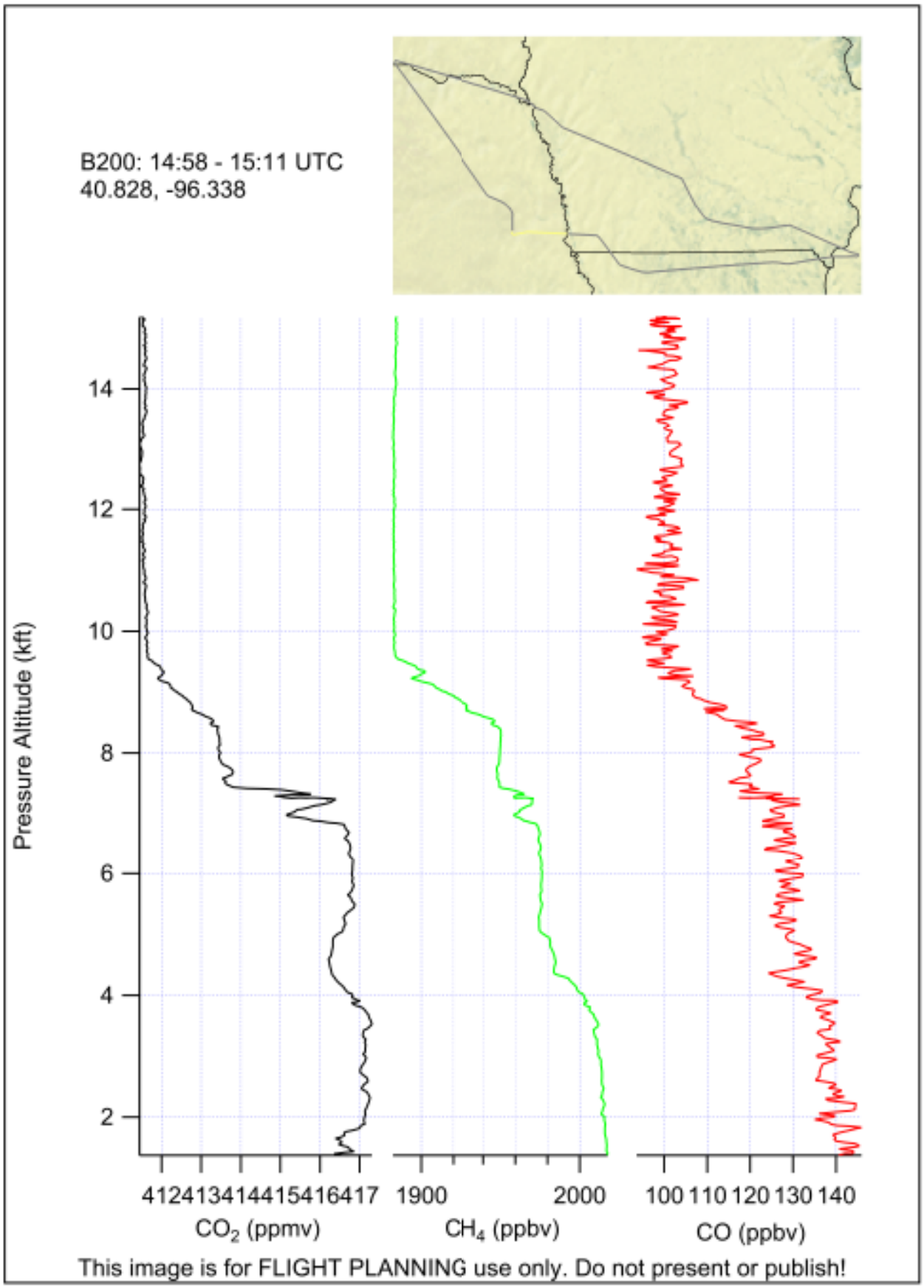

C130: 16:07 - 16:14 UTC
39.427, -87.561
Pressure Altitude (kft)
8
6
4
2
408
412
416
420
CO2 (ppmv)
1920
1960
2000
CH4 (ppbv)
120
160
200
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

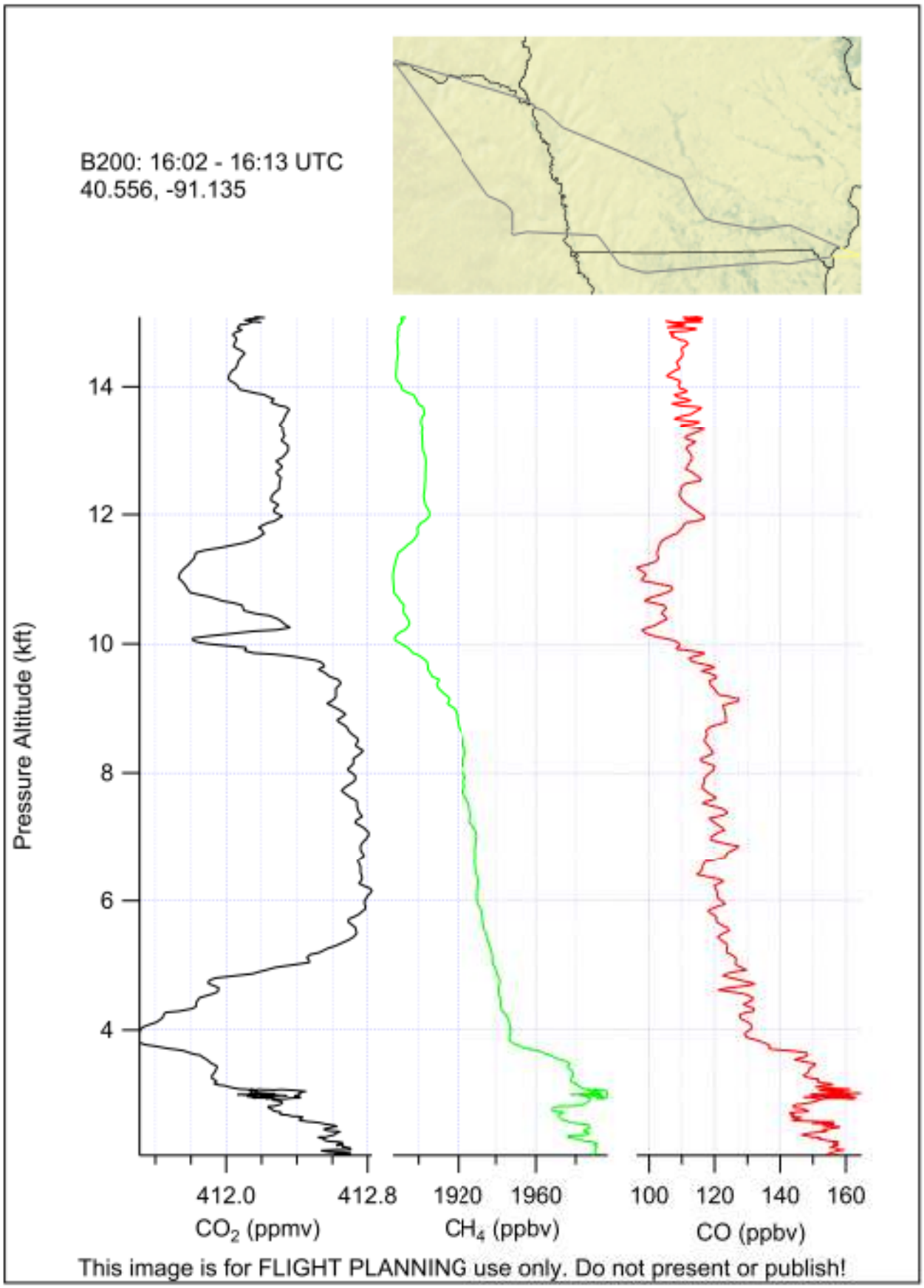

C130: 16:58 - 17:06 UTC
40.595, -91.184
Pressure Altitude (kft)
8
7
6
5
4
3
2
410.0
410.8
CO_2 (ppmv)
1960
2000
CH_4 (ppbv)
100110120130140150
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

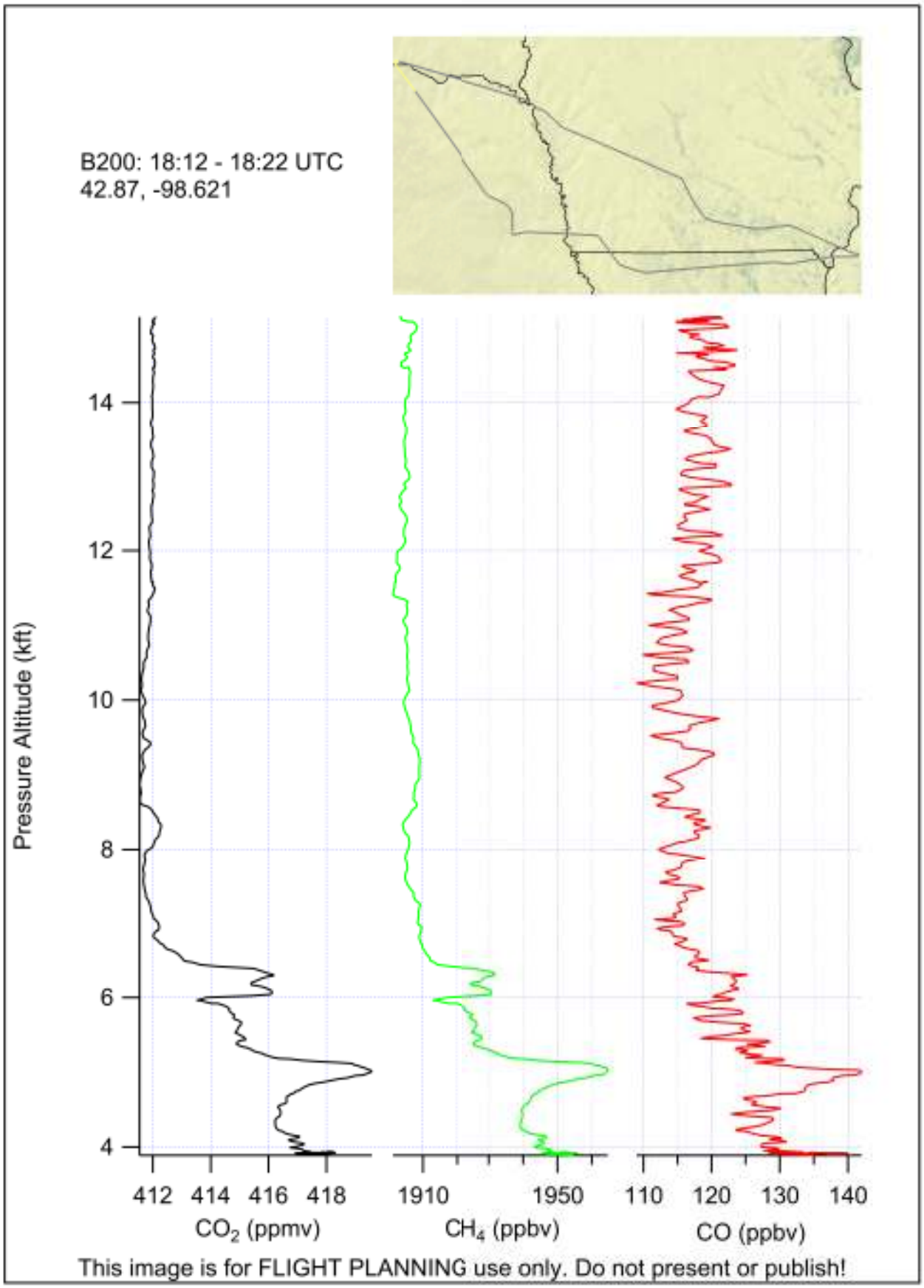

C130: 18:20 - 18:29 UTC
42.962, -98.454
Pressure Altitude (kft)
9
8
7
6
5
4
410 412 414 416
CO2 (ppmv)
1950 1990
CH4 (ppbv)
110 120 130
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

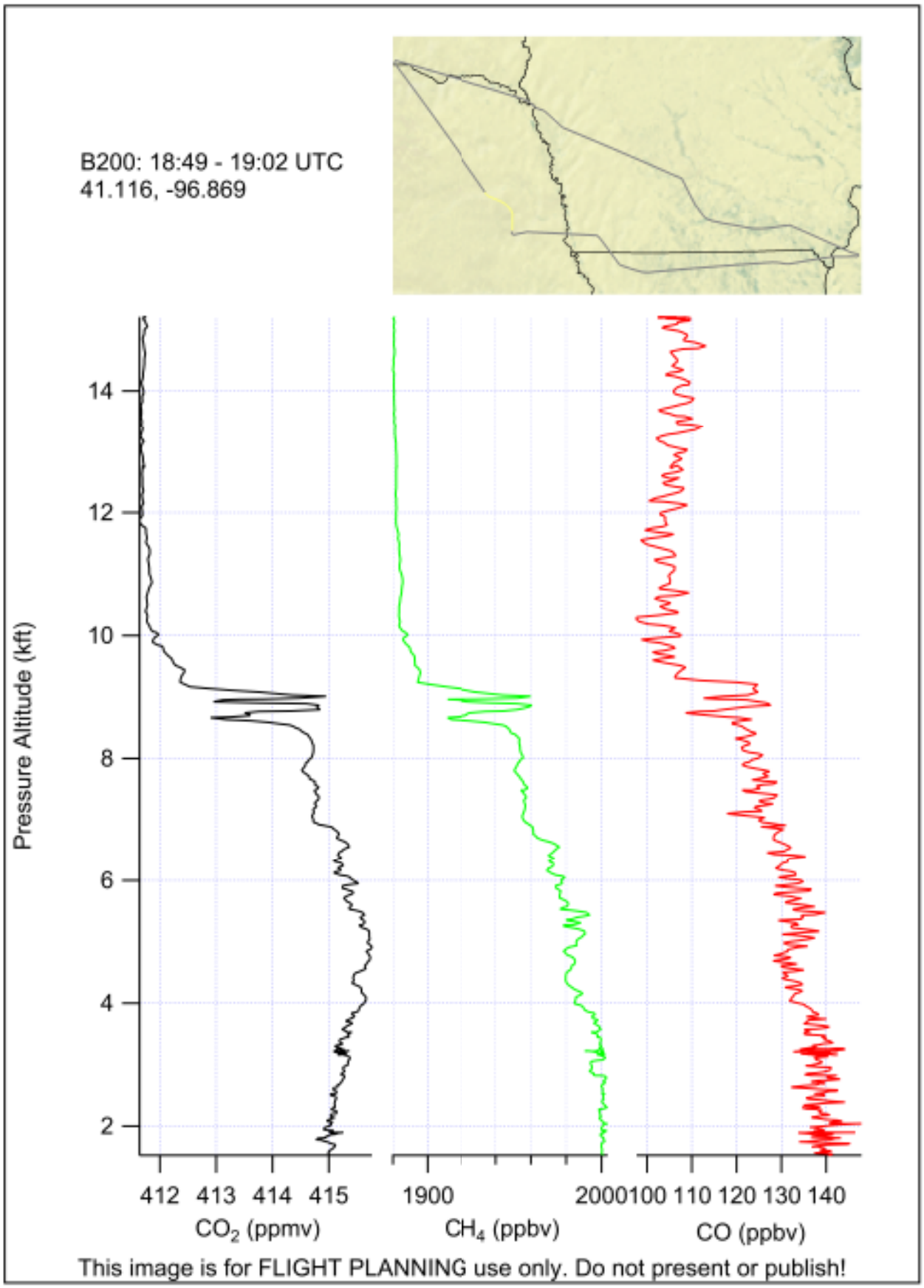

C130: 18:38 - 18:55 UTC
42.435, -99.198
Pressure Altitude (kft)
20
15
10
5
410
412
414
CO2 (ppmv)
1920
1960
CH4 (ppbv)
100
110
120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

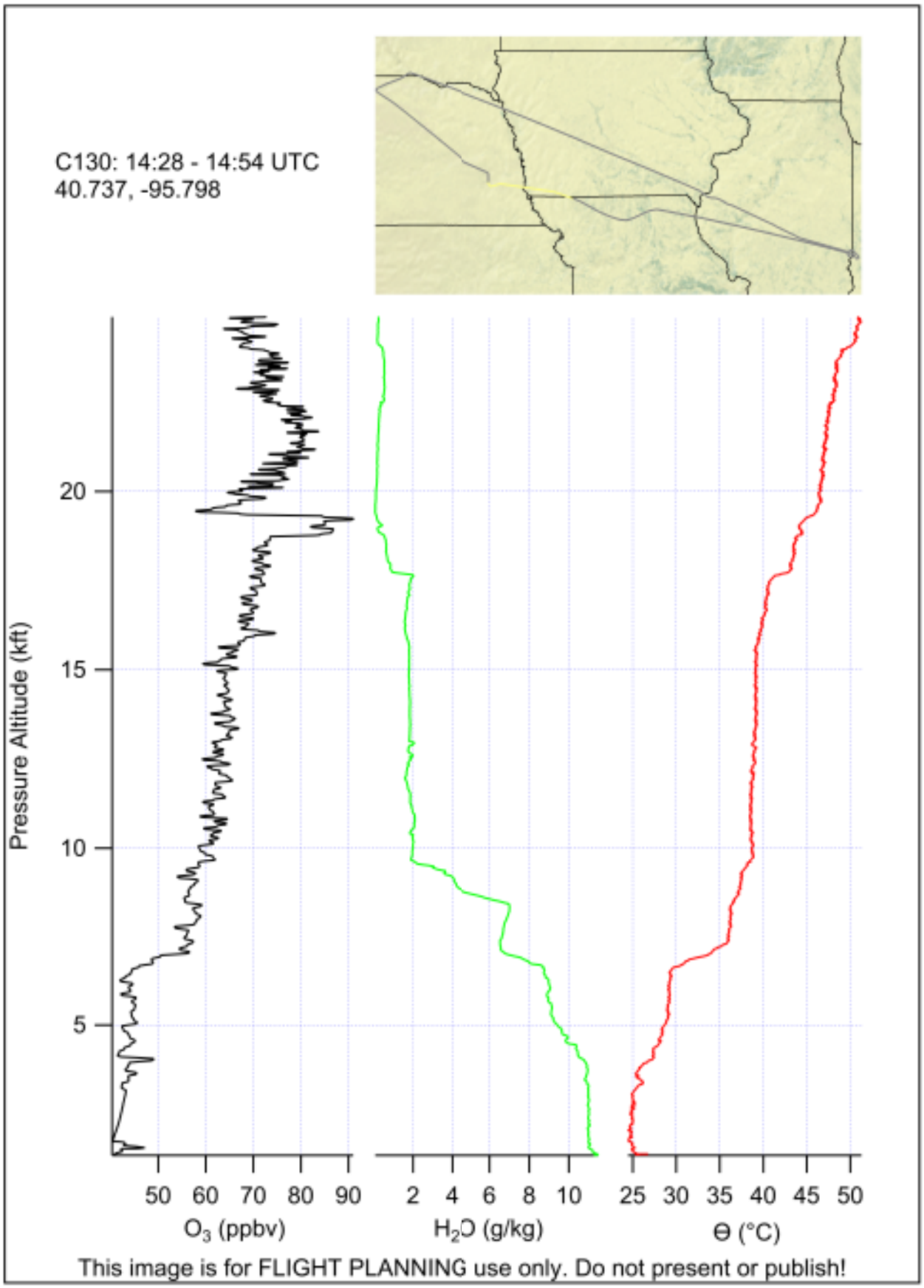

C130: 19:07 - 19:22 UTC
41.141, -97.091
Pressure Altitude (kft)
20
15
10
5
410 411 412 413
CO2 (ppmv)
1900 2000
CH4 (ppbv)
90 100 110 120 130
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

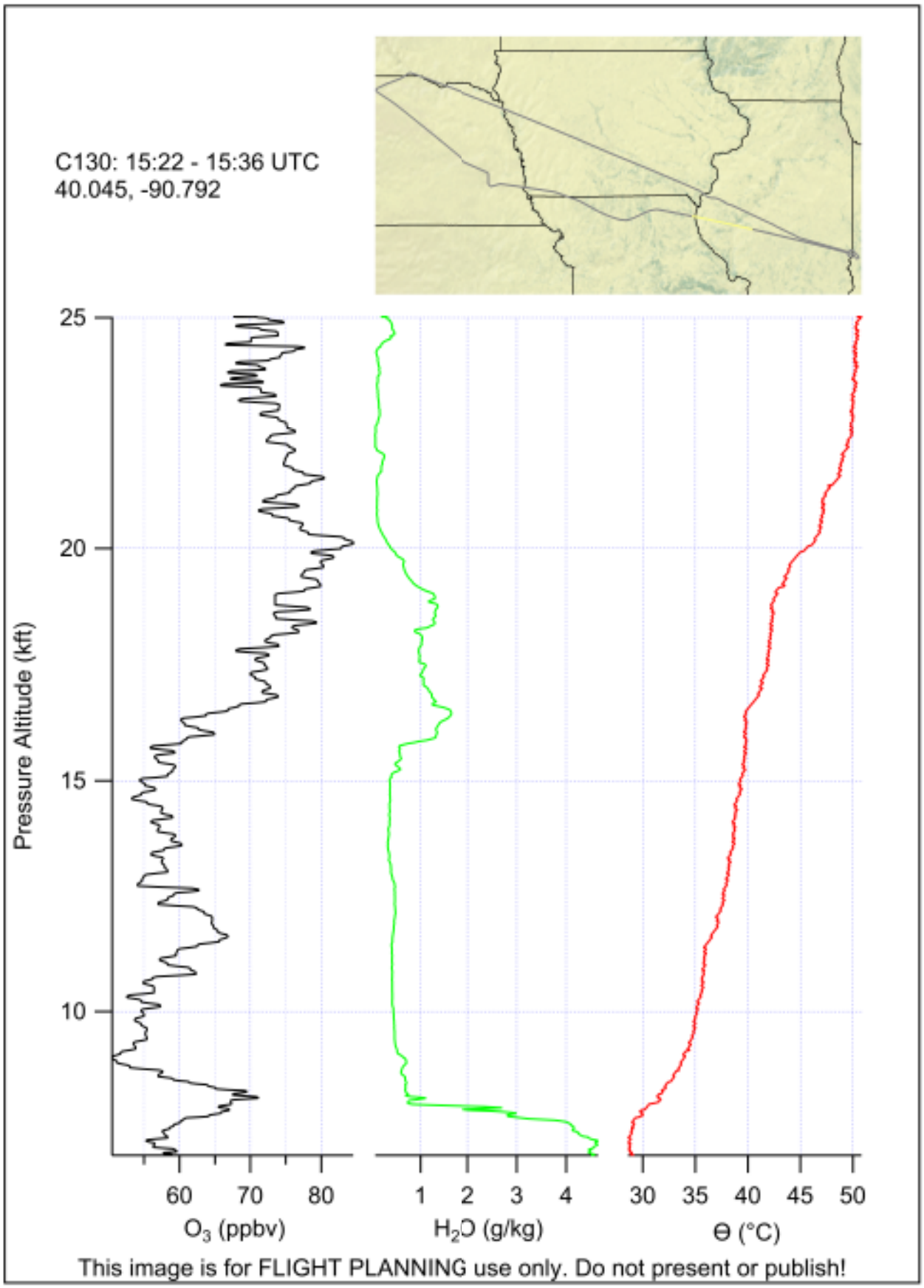

B200: 14:58 - 15:11 UTC
40.828, -96.338
Pressure Altitude (kft)
14
12
10
8
6
4
2
412413414415416417
CO2 (ppmv)
1900
2000
CH4 (ppbv)
100 110 120 130 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

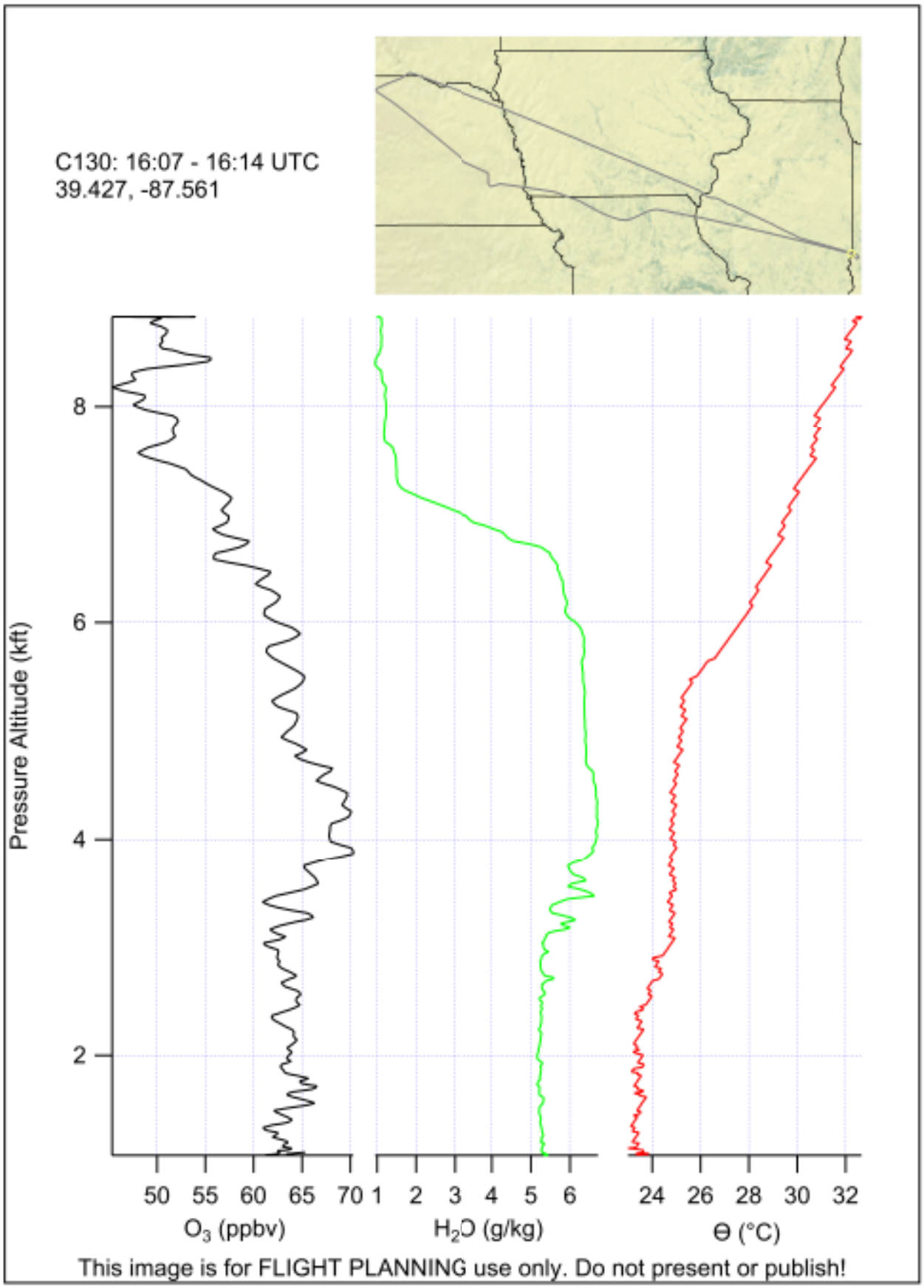

B200: 16:02 - 16:13 UTC
40.556, -91.135
Pressure Altitude (kft)
14
12
10
8
6
4
412.0
412.8
CO_2 (ppmv)
1920
1960
CH_4 (ppbv)
100
120
140
160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

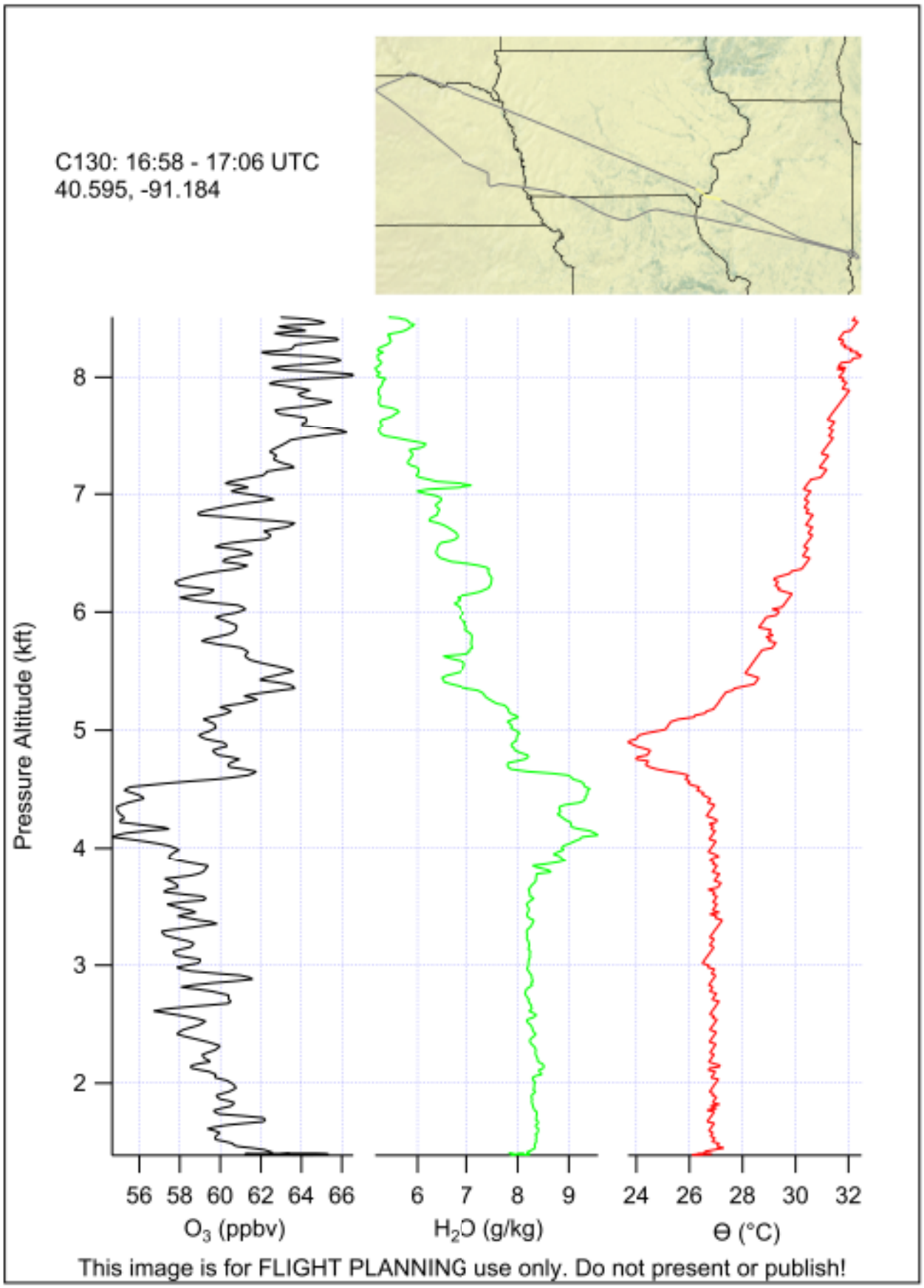

B200: 18:12 - 18:22 UTC
42.87, -98.621
Pressure Altitude (kft)
14
12
10
8
6
4
412 414 416 418
CO2 (ppmv)
1910 1950
CH4 (ppbv)
110 120 130 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

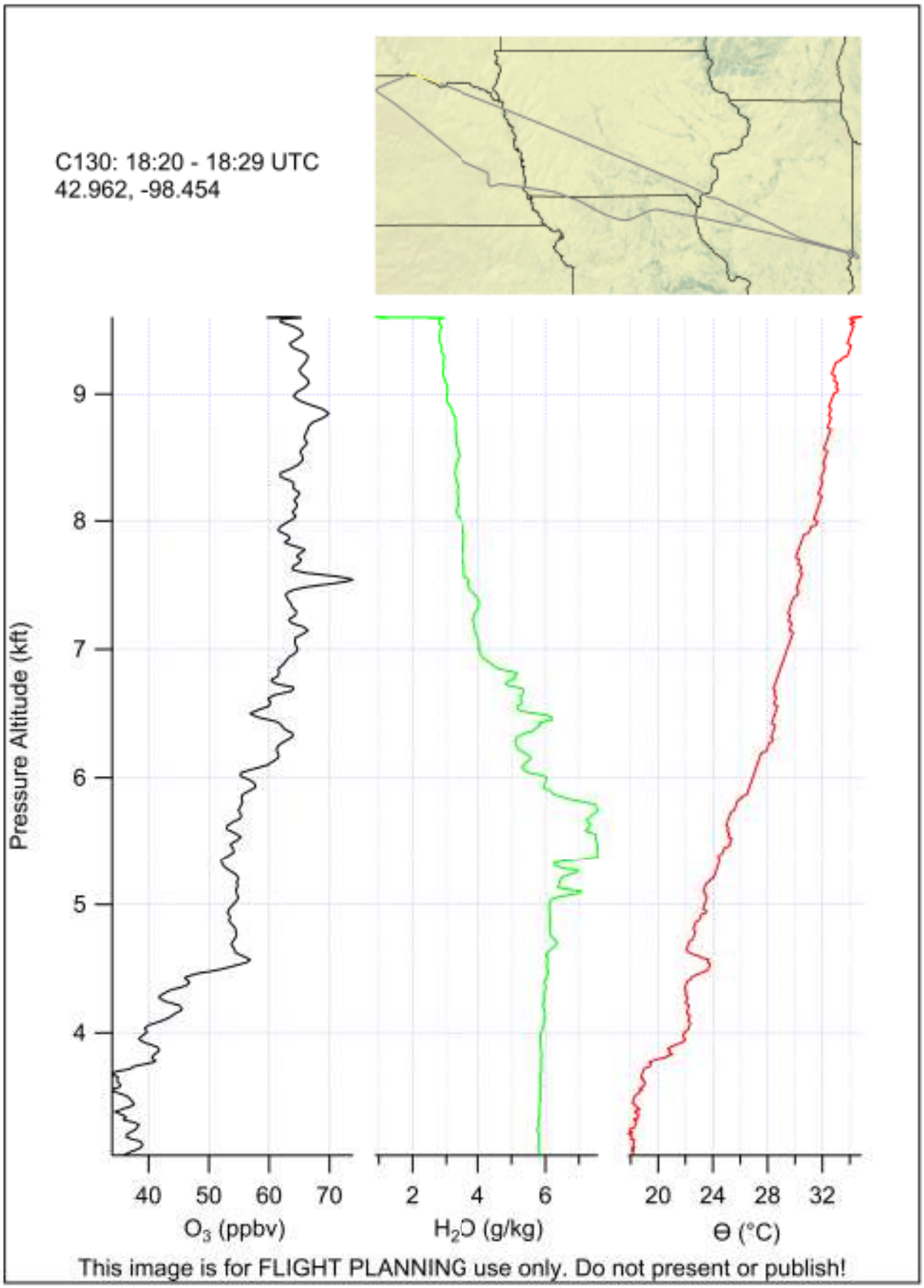

B200: 18:49 - 19:02 UTC
41.116, -96.869
Pressure Altitude (kft)
14
12
10
8
6
4
2
412 413 414 415
CO2 (ppmv)
1900 2000
CH4 (ppbv)
100 110 120 130 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

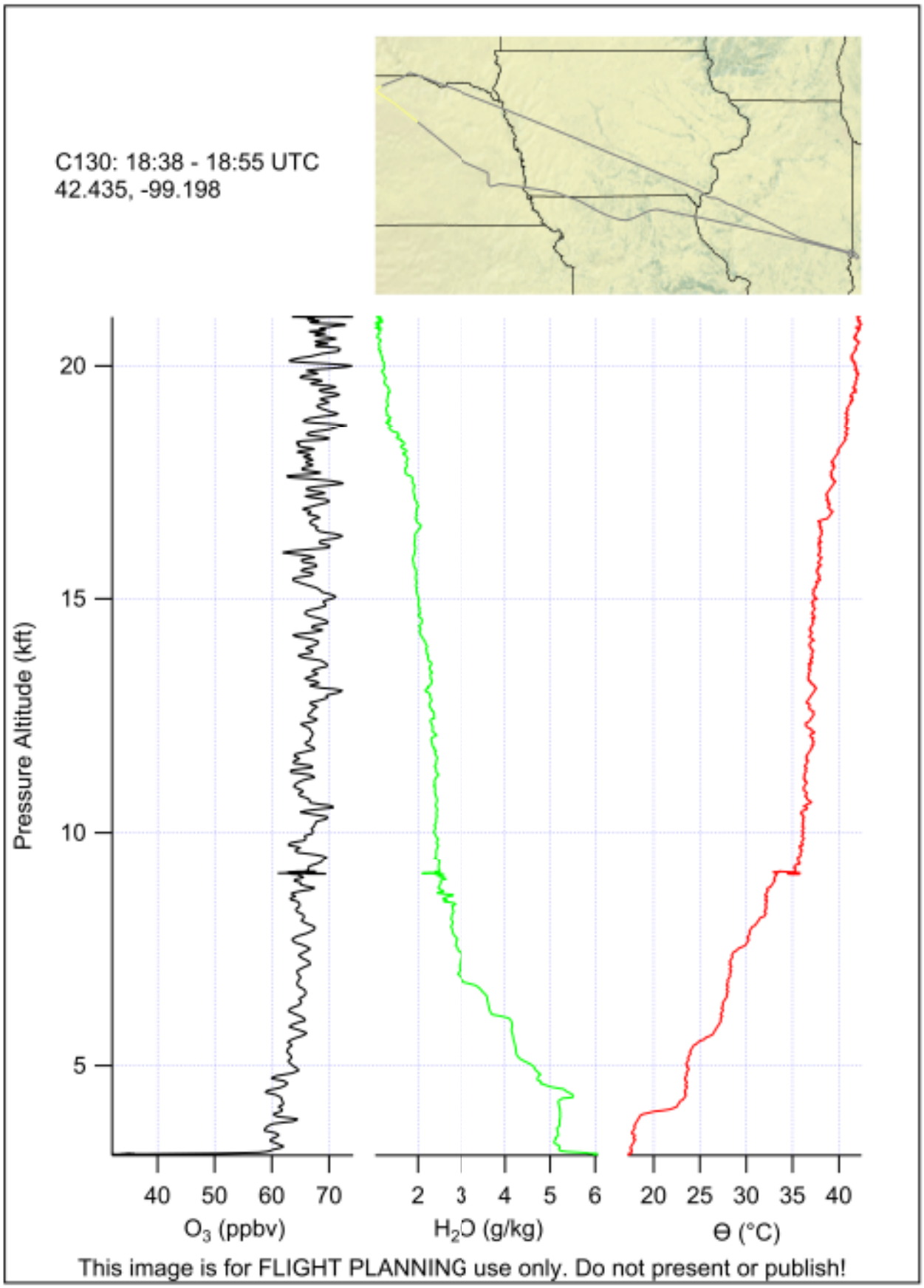

C130: 14:28 - 14:54 UTC
40.737, -95.798
Pressure Altitude (kft)
20
15
10
5
50 60 70 80 90
O3 (ppbv)
2 4 6 8 10
H2O (g/kg)
25 30 35 40 45 50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

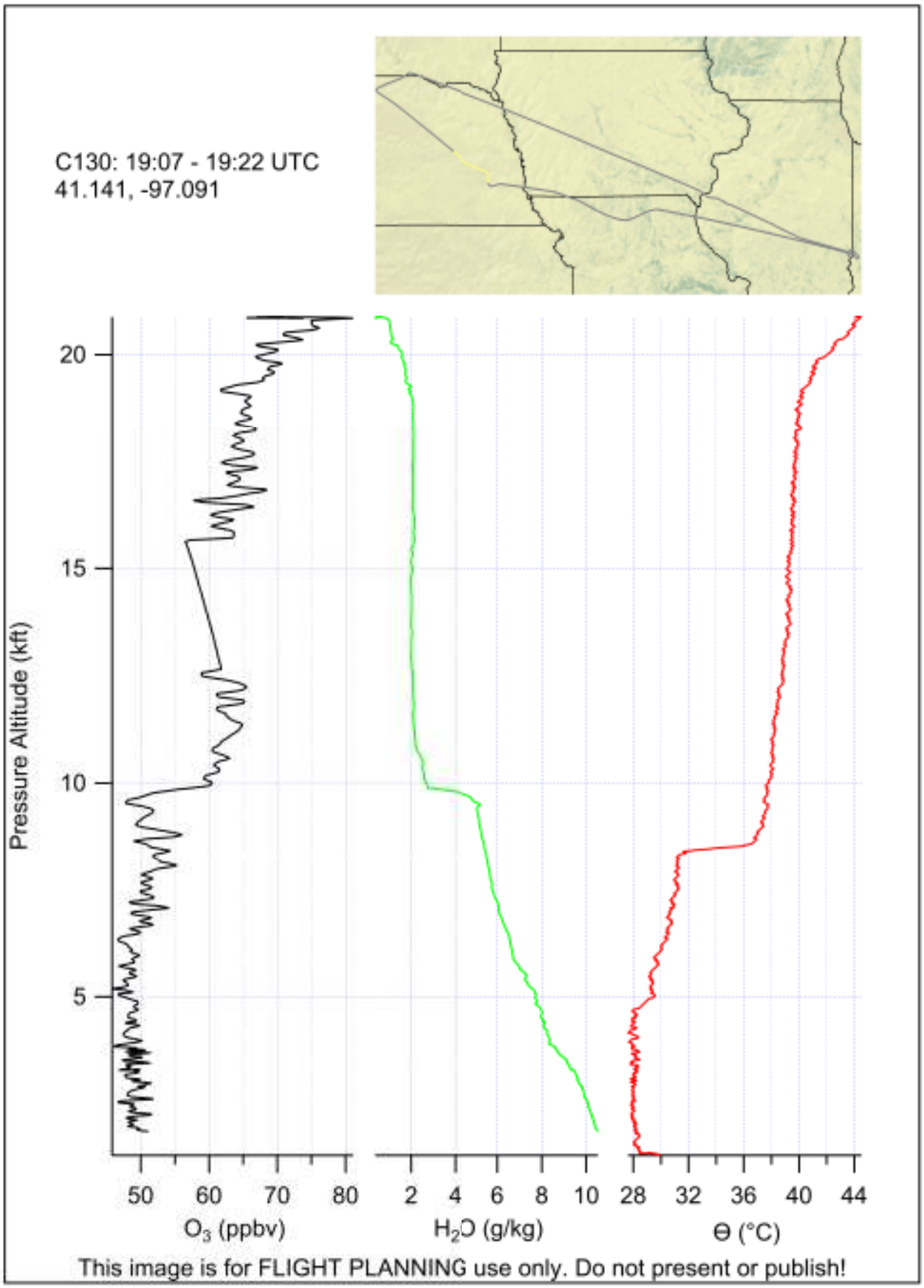

C130: 15:22 - 15:36 UTC
40.045, -90.792
Pressure Altitude (kft)
25
20
15
10
60
70
80
O3 (ppbv)
1
2
3
4
H2O (g/kg)
30
35
40
45
50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

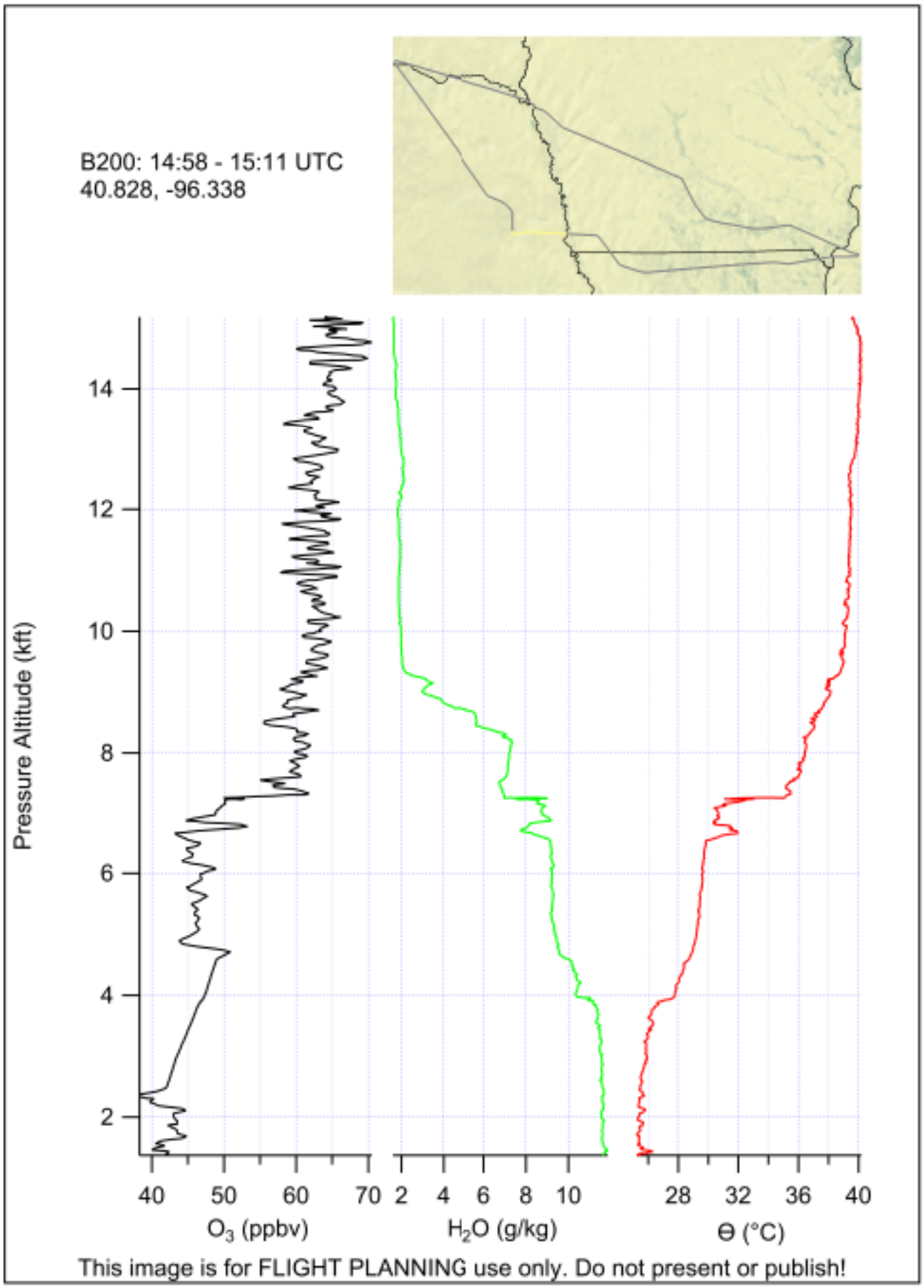

C130: 16:07 - 16:14 UTC
39.427, -87.561
Pressure Altitude (kft)
8
6
4
2
50 55 60 65 70
O3 (ppbv)
1 2 3 4 5 6
H2O (g/kg)
24 26 28 30 32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

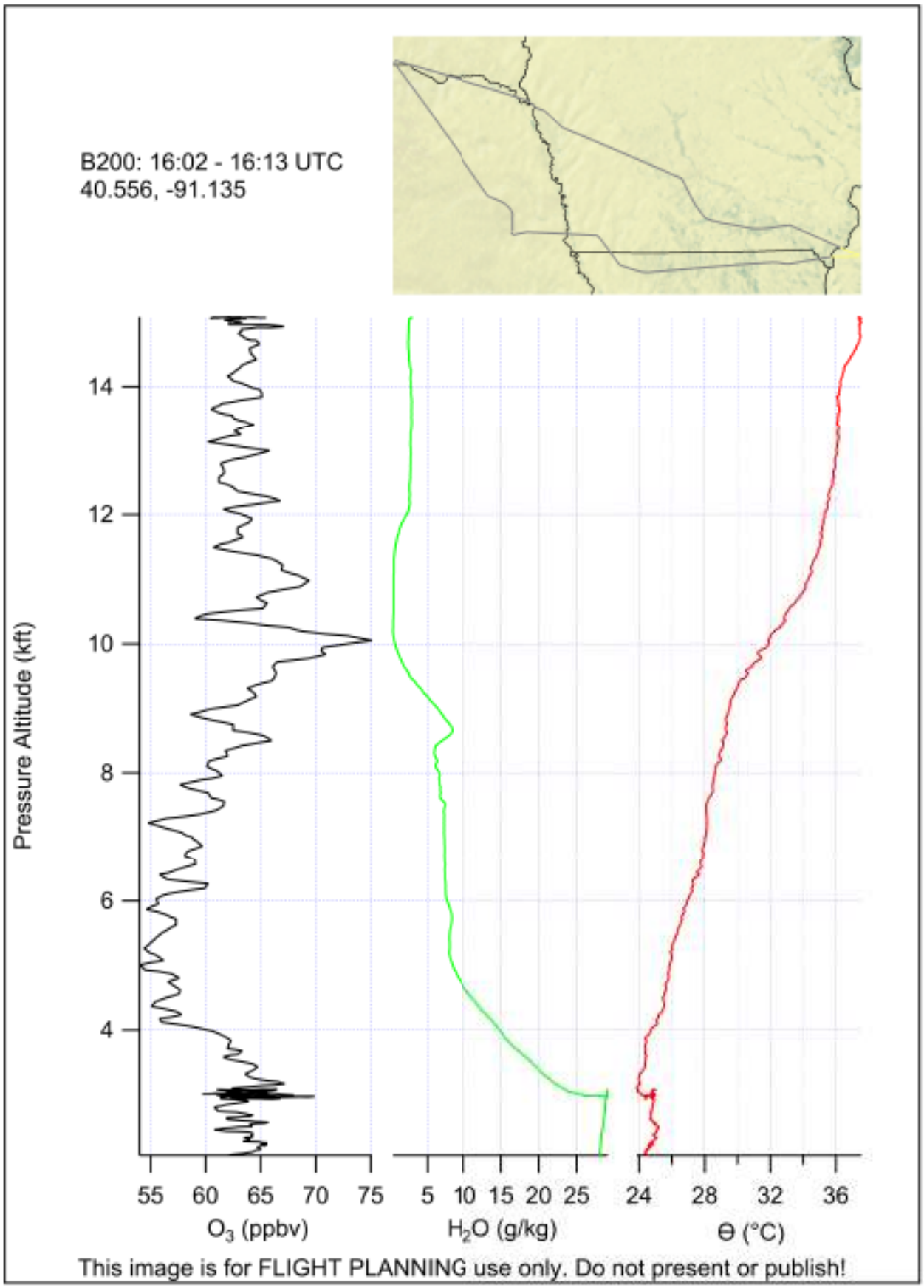

C130: 16:58 - 17:06 UTC
40.595, -91.184
Pressure Altitude (kft)
8
7
6
5
4
3
2
56 58 60 62 64 66
O3 (ppbv)
6 7 8 9
H2O (g/kg)
24 26 28 30 32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

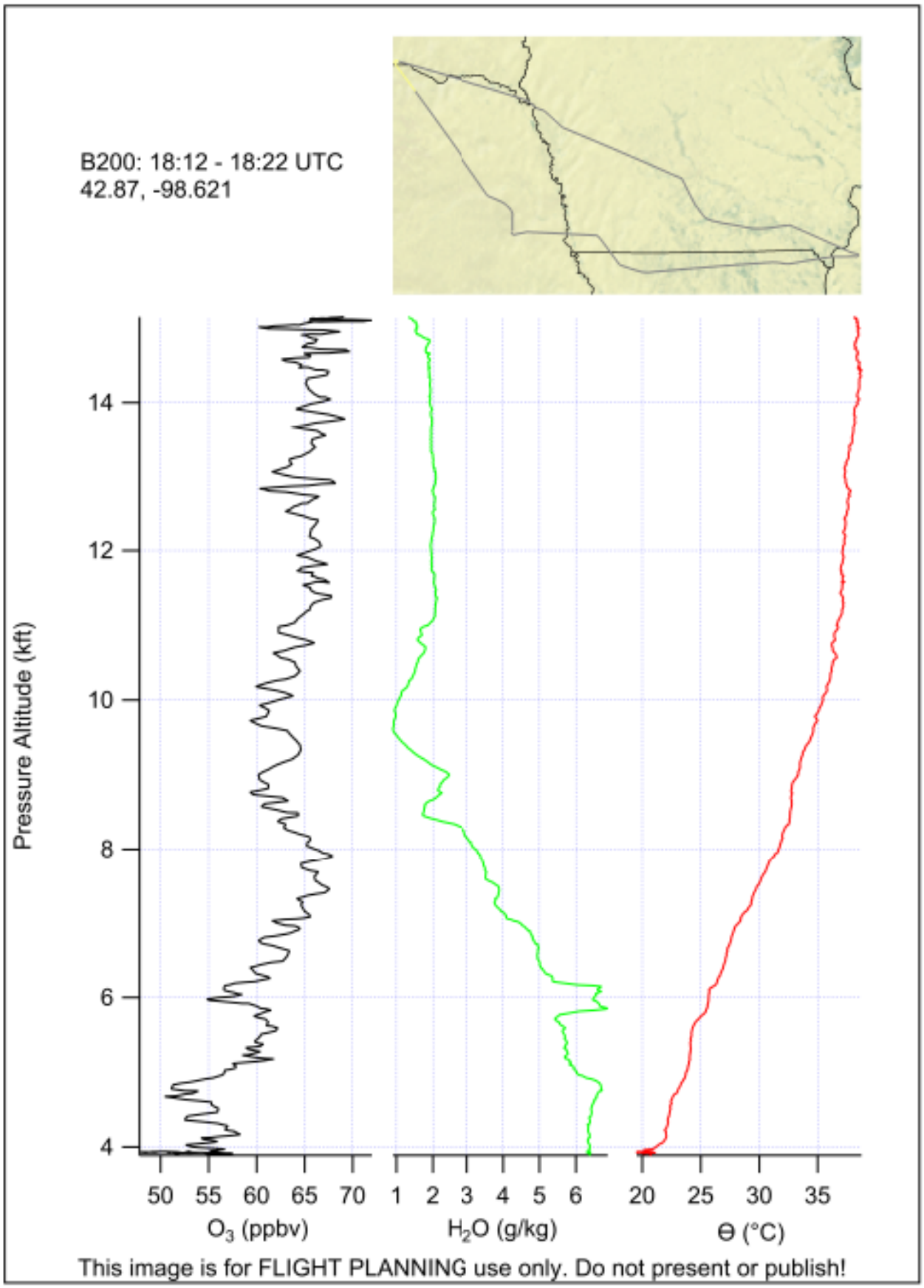

C130: 18:20 - 18:29 UTC
42.962, -98.454
Pressure Altitude (kft)
9
8
7
6
5
4
40
50
60
70
O3 (ppbv)
2
4
6
H2O (g/kg)
20
24
28
32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

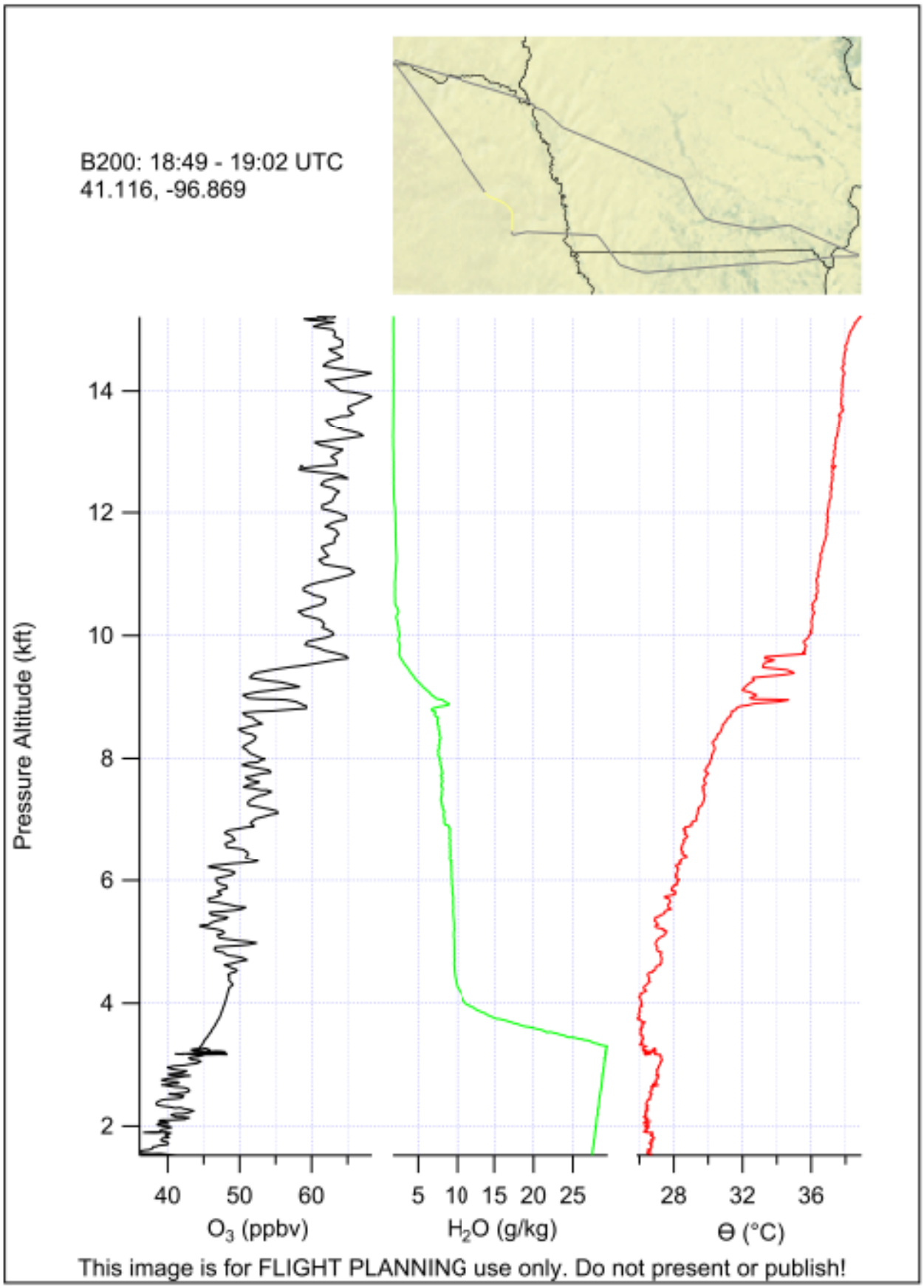

C130: 18:38 - 18:55 UTC
42.435, -99.198
Pressure Altitude (kft)
20
15
10
5
40 50 60 70
O3 (ppbv)
2 3 4 5 6
H2O (g/kg)
20 25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:07 - 19:22 UTC
41.141, -97.091
Pressure Altitude (kft)
20
15
10
5
50
60
70
80
O3 (ppbv)
2
4
6
8
10
H2O (g/kg)
28
32
36
40
44
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 14:58 - 15:11 UTC
40.828, -96.338
Pressure Altitude (kft)
14
12
10
8
6
4
2
40
50
60
70
O3 (ppbv)
2
4
6
8
10
H2O (g/kg)
28
32
36
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 16:02 - 16:13 UTC
40.556, -91.135
Pressure Altitude (kft)
14
12
10
8
6
4
55 60 65 70 75
O3 (ppbv)
5 10 15 20 25
H2O (g/kg)
24 28 32 36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:12 - 18:22 UTC
42.87, -98.621
Pressure Altitude (kft)
14
12
10
8
6
4
50 55 60 65 70
O3 (ppbv)
1 2 3 4 5 6
H2O (g/kg)
20 25 30 35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:49 - 19:02 UTC
41.116, -96.869
Pressure Altitude (kft)
14
12
10
8
6
4
2
40
50
60
O3 (ppbv)
5
10
15
20
25
H2O (g/kg)
28
32
36
Θ (°C)
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