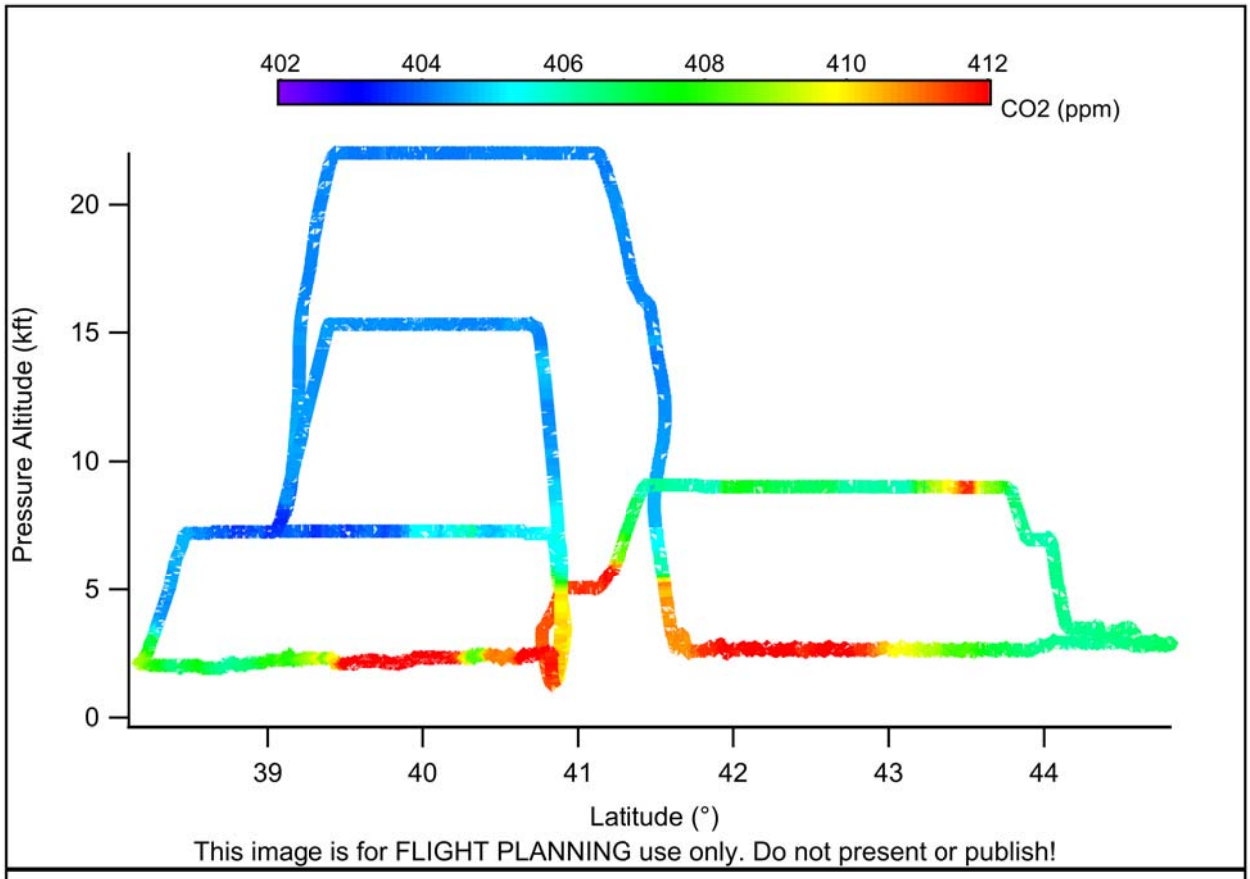
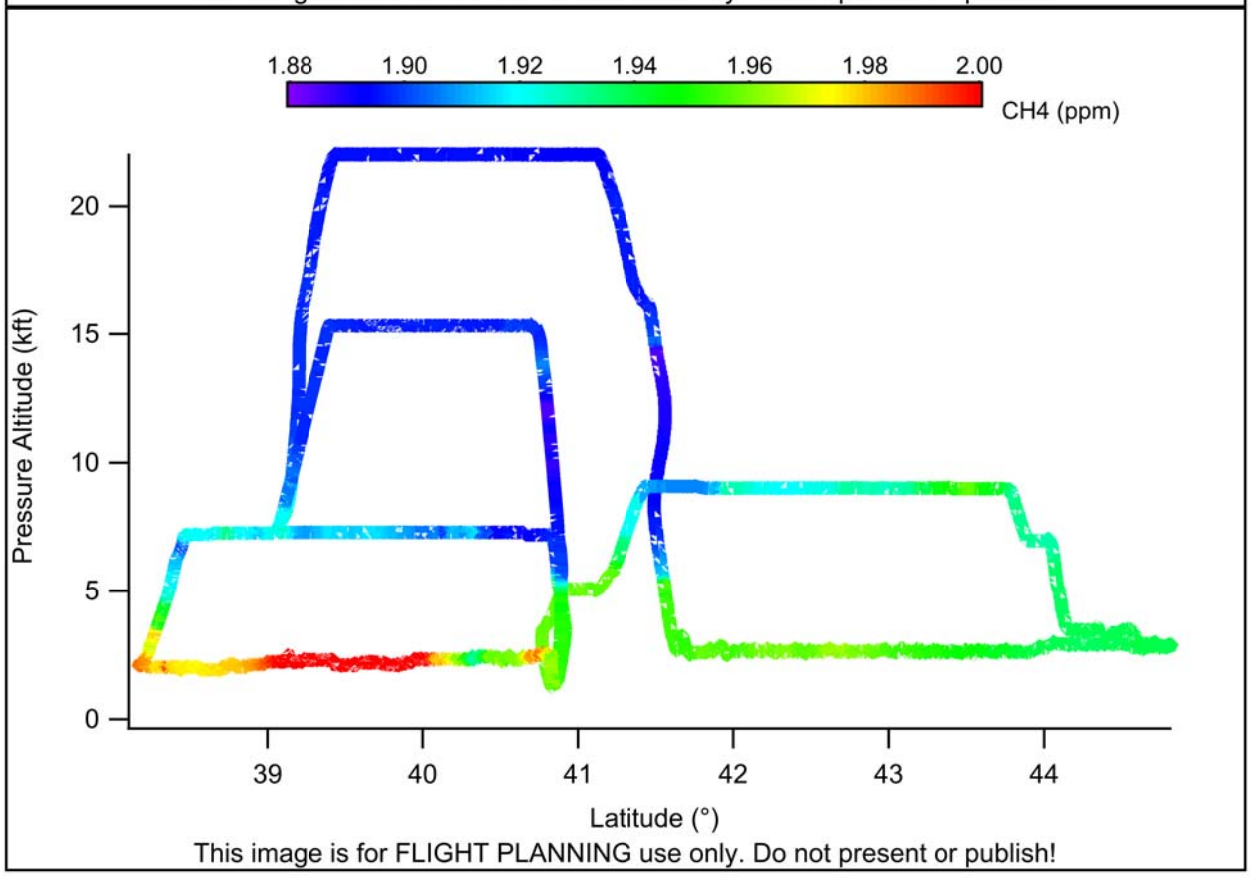
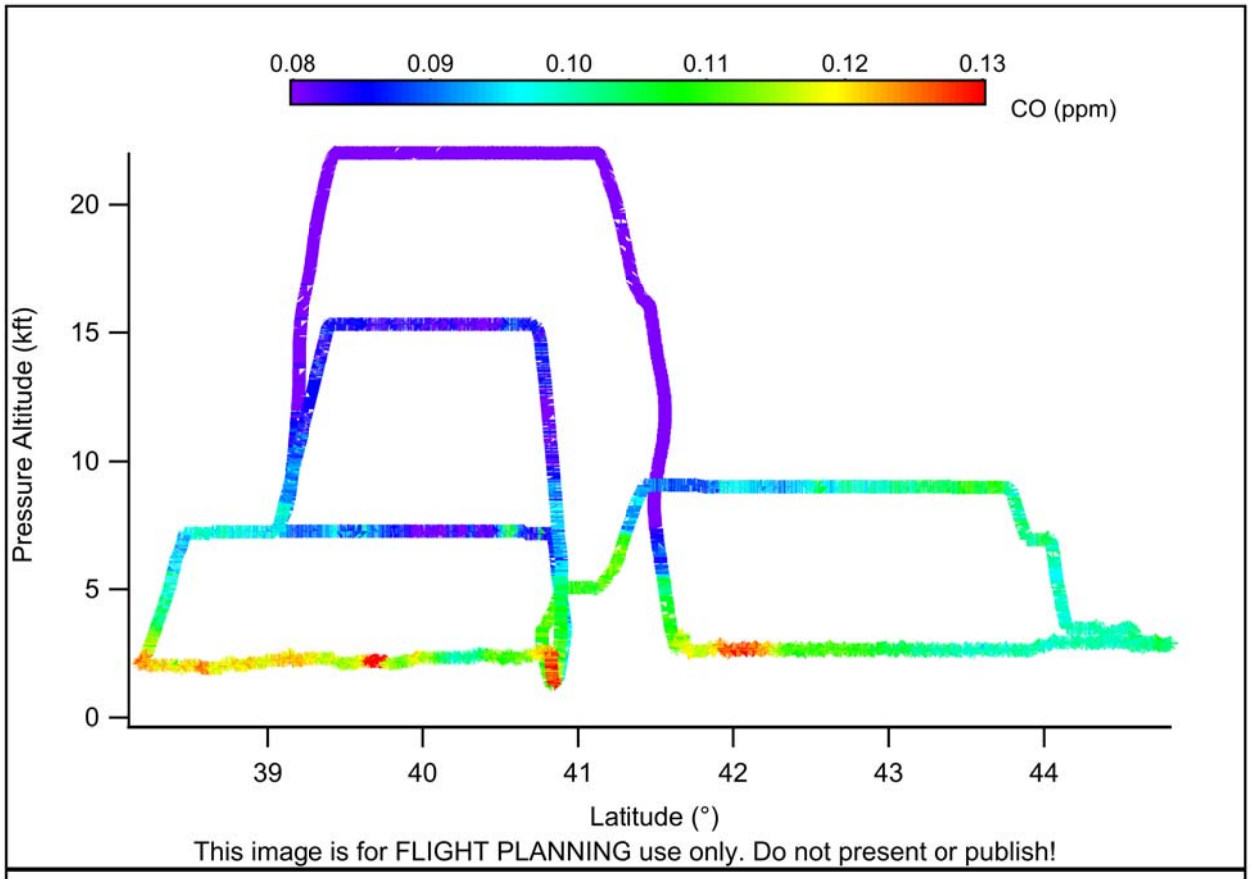
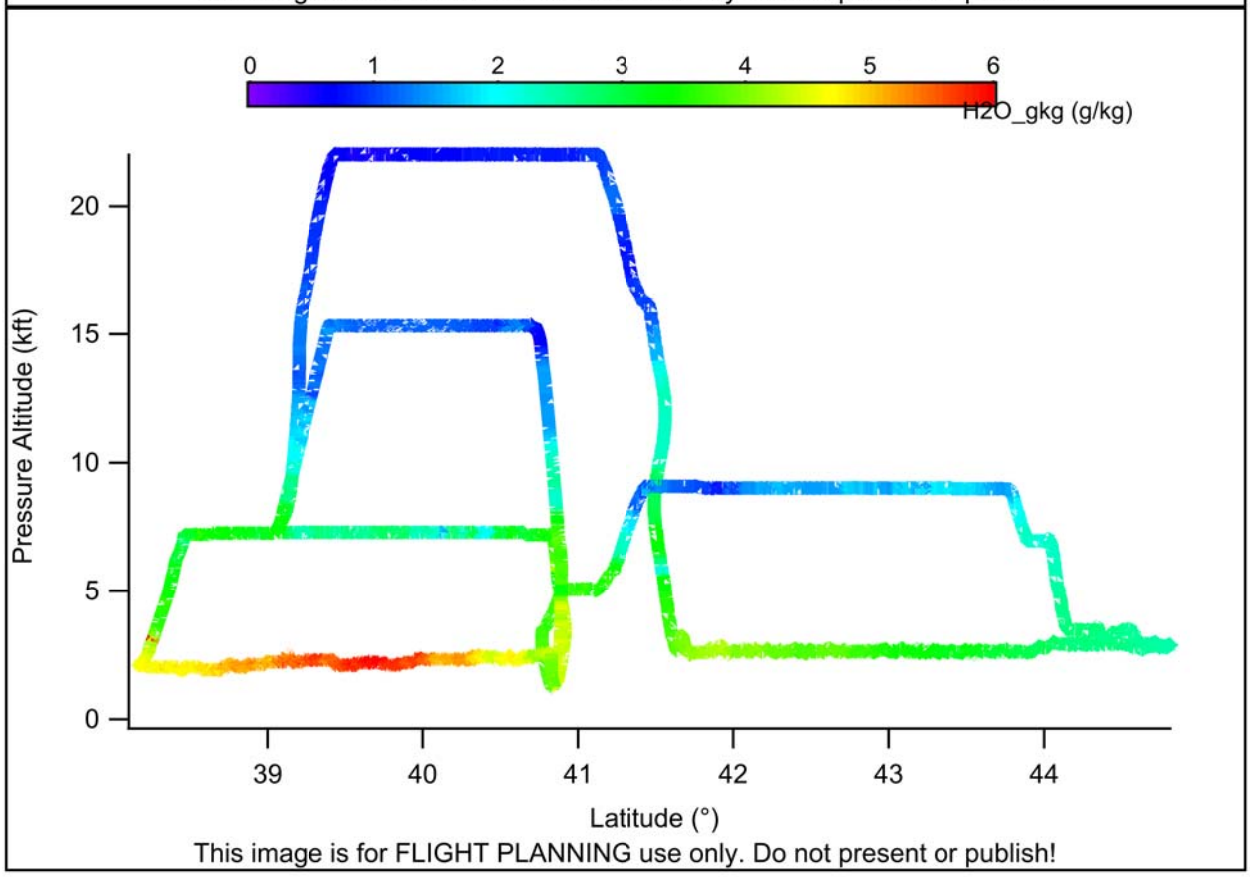
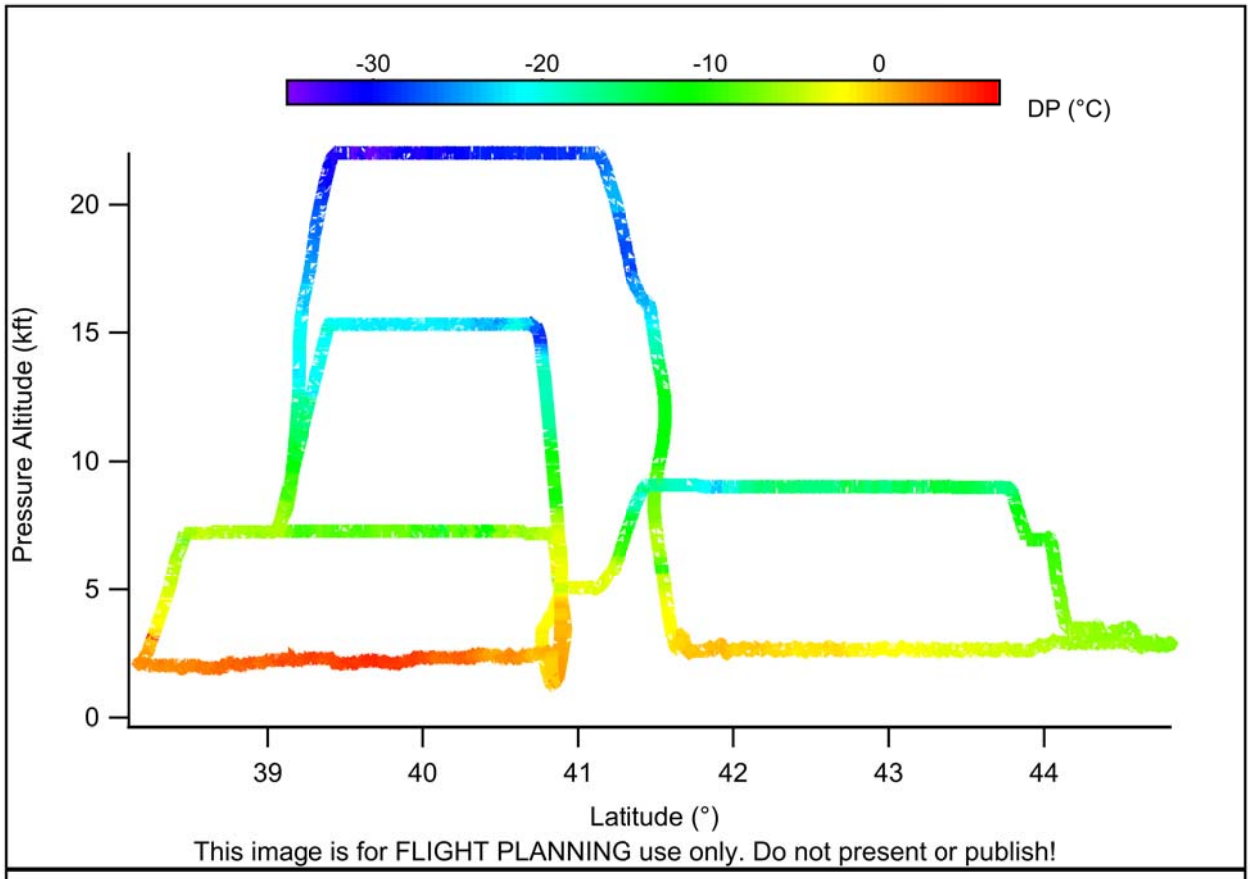
ACT-America
20171026

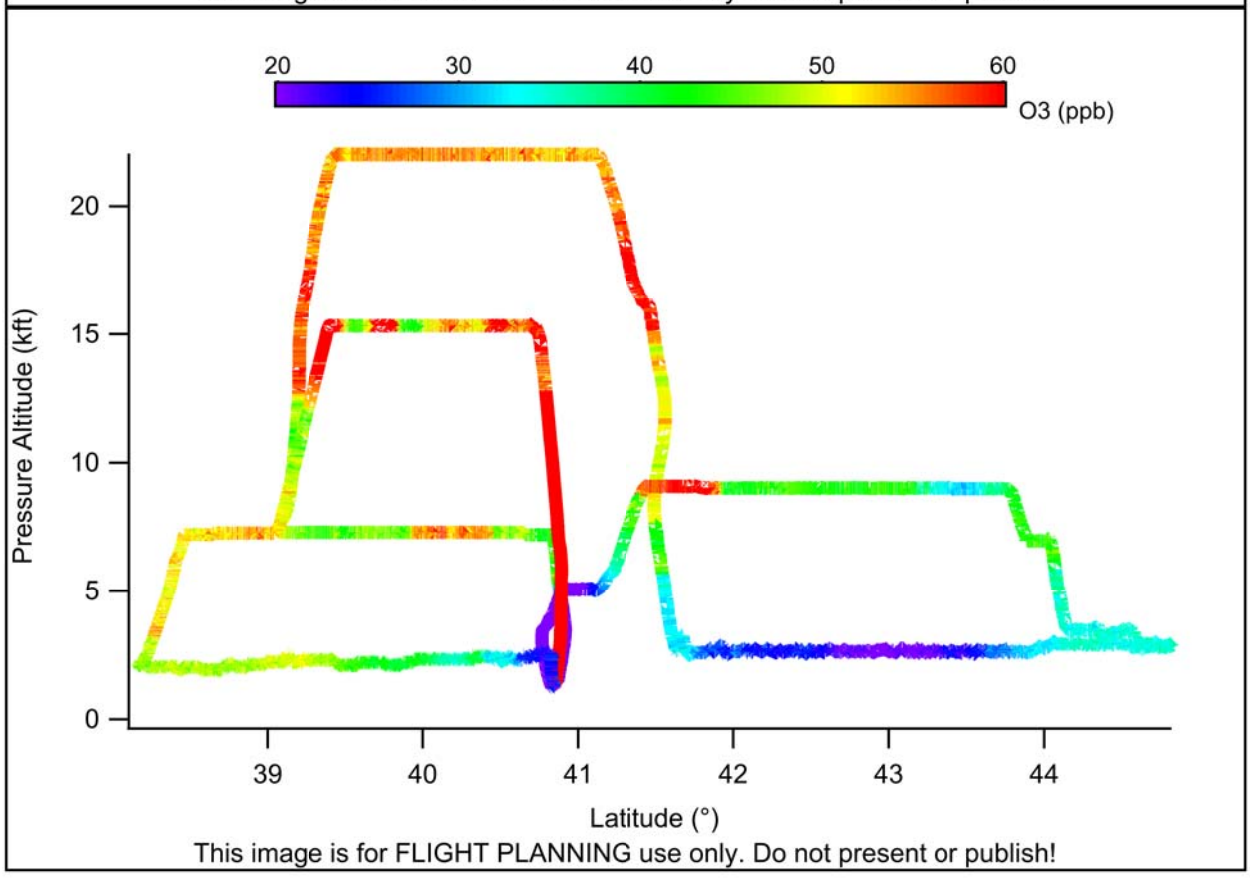

402
404
406
408
410
412
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
39
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

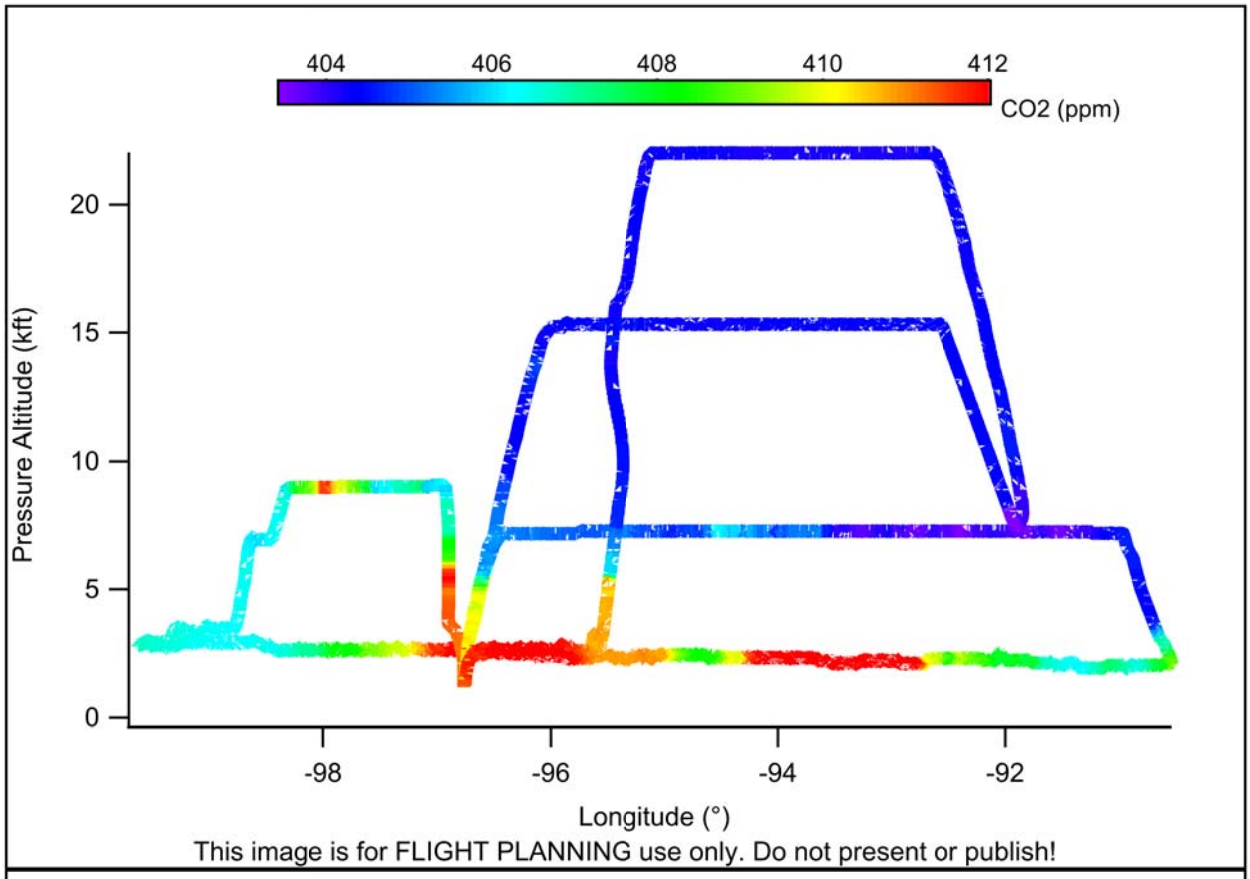

1.88
1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
39
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

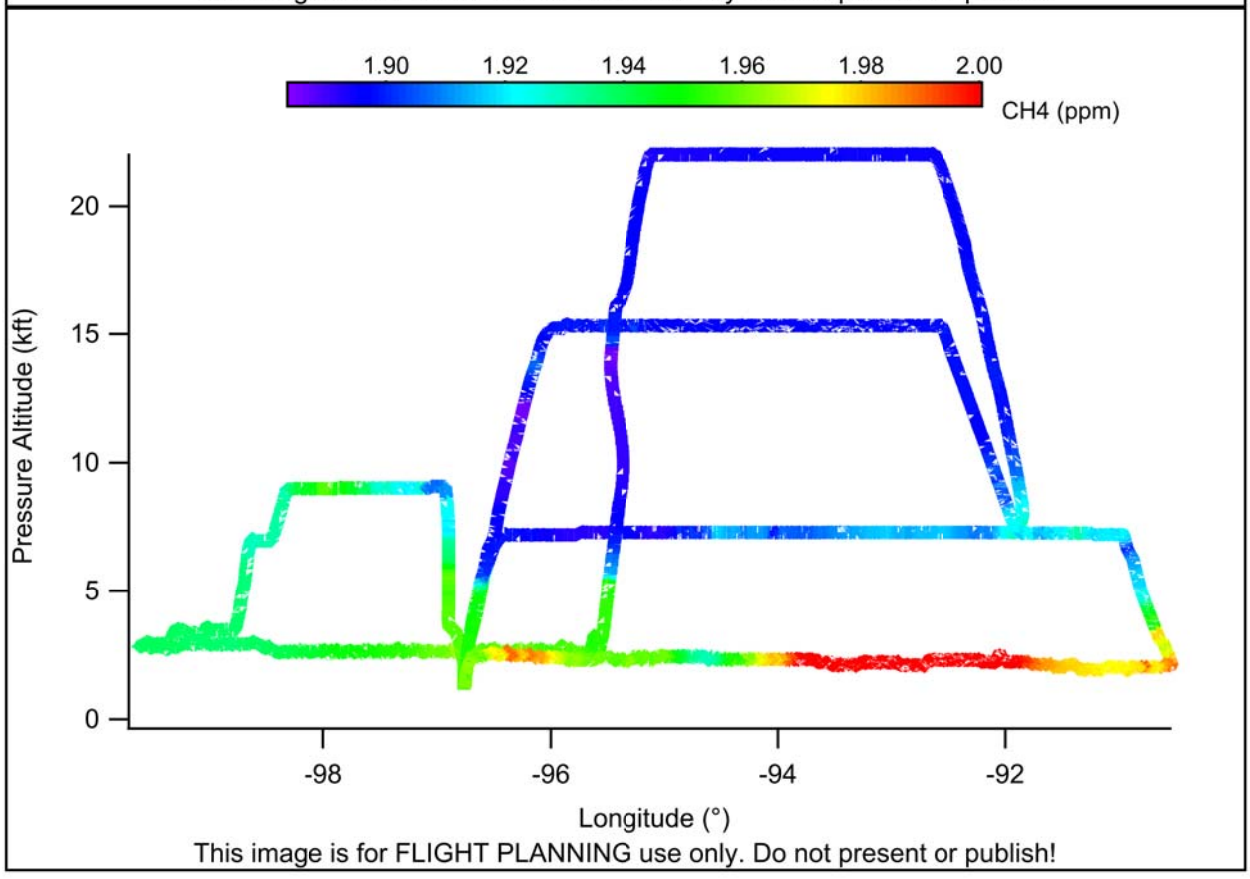

0.08
0.09
0.10
0.11
0.12
0.13
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
39
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

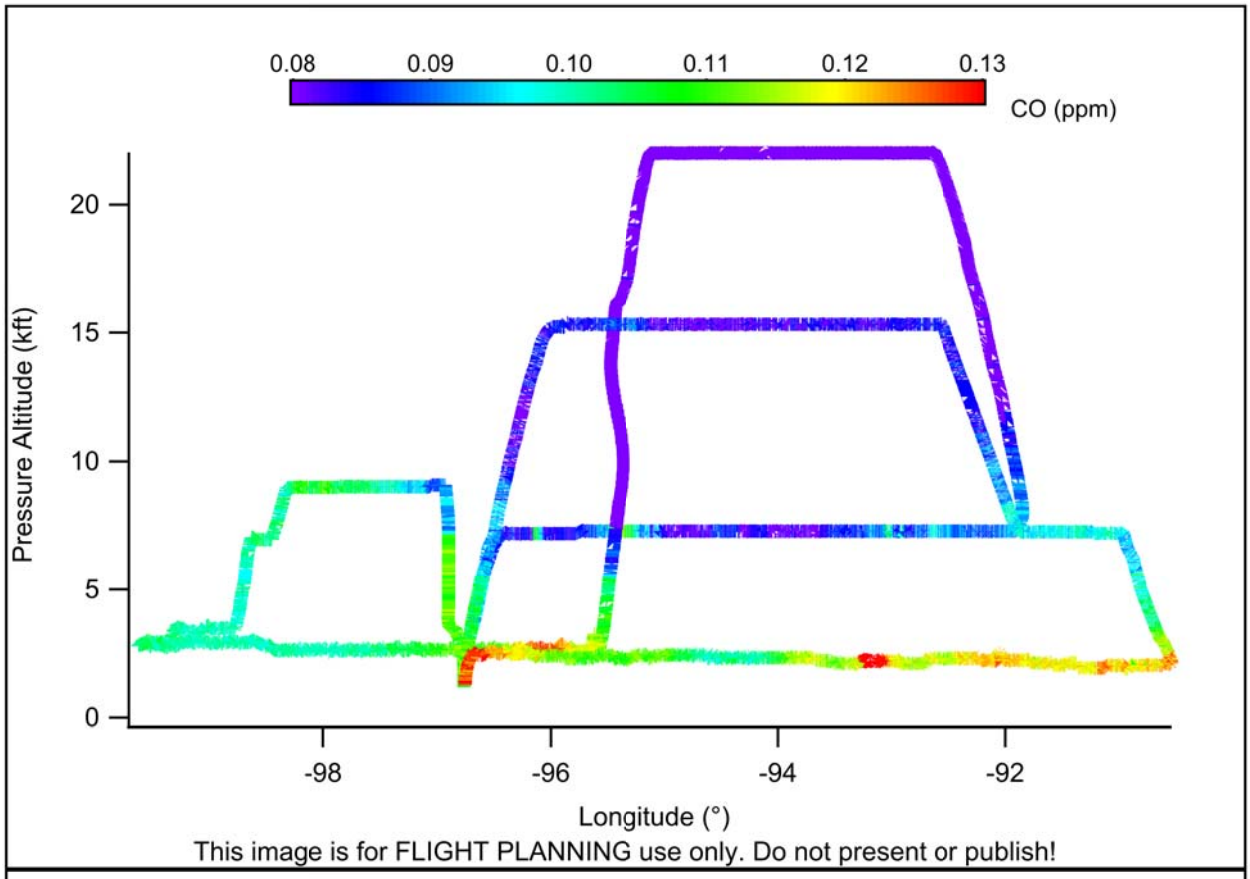

0
1
2
3
4
5
6
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
39
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

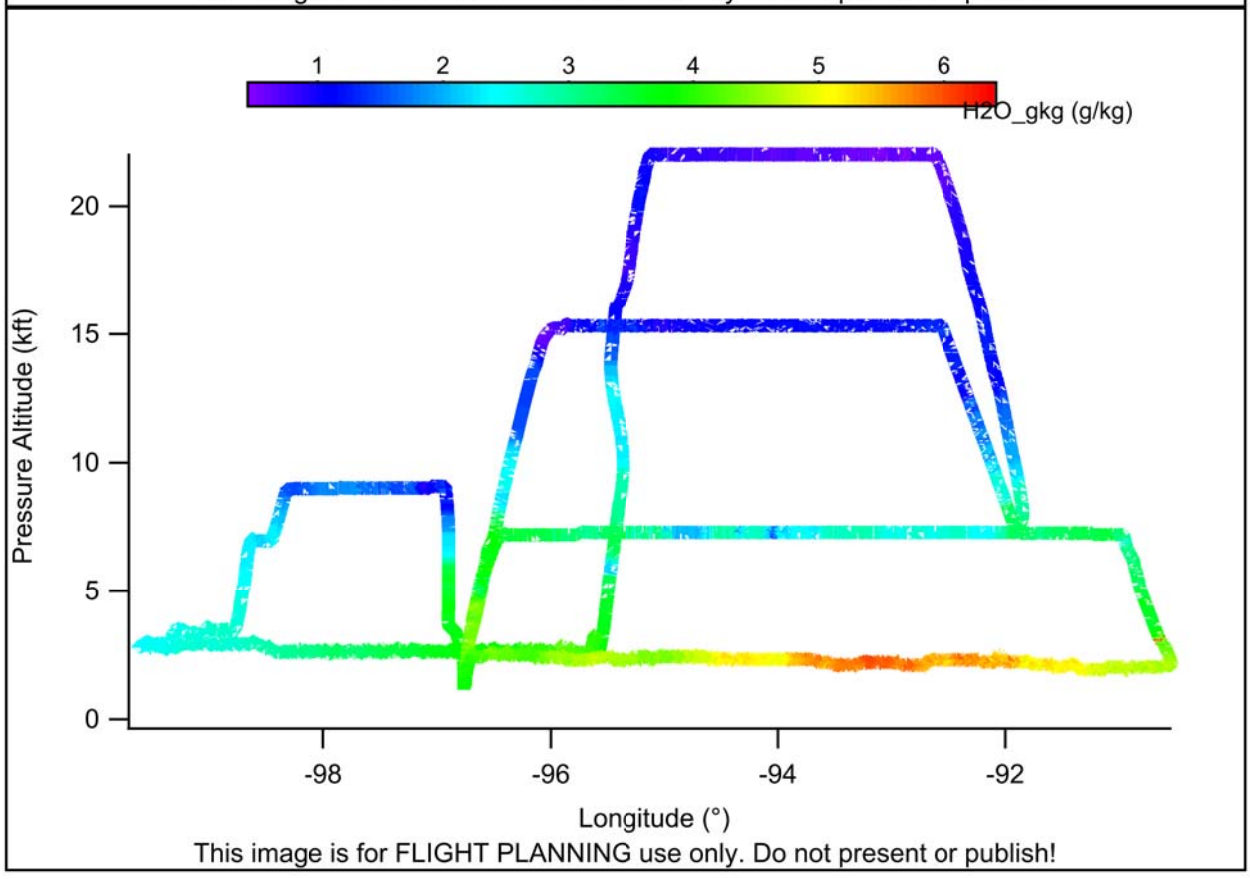

-30
-20
-10
0
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
39
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

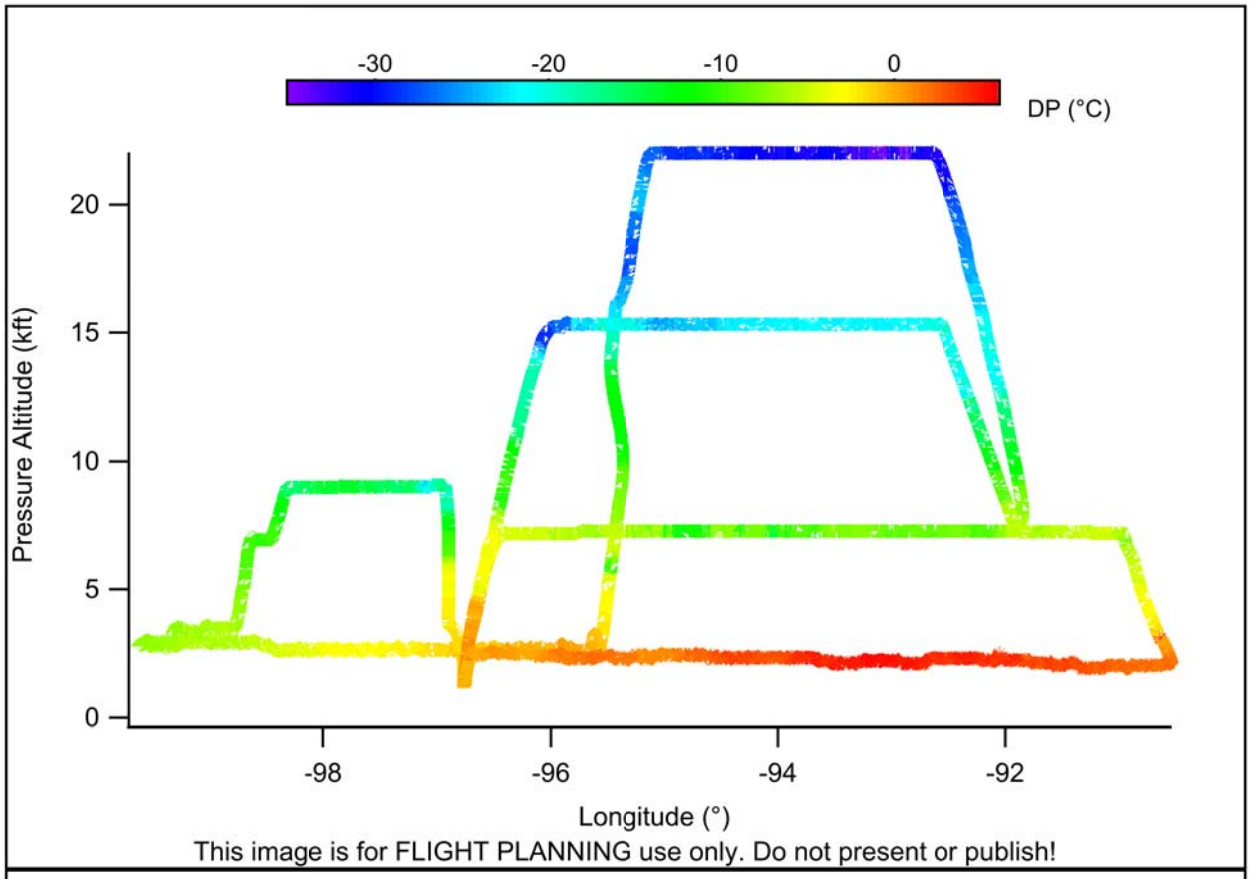

20
30
40
50
60
O3 (ppb)
Pressure Altitude (kft)
20
15
10
5
0
39
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

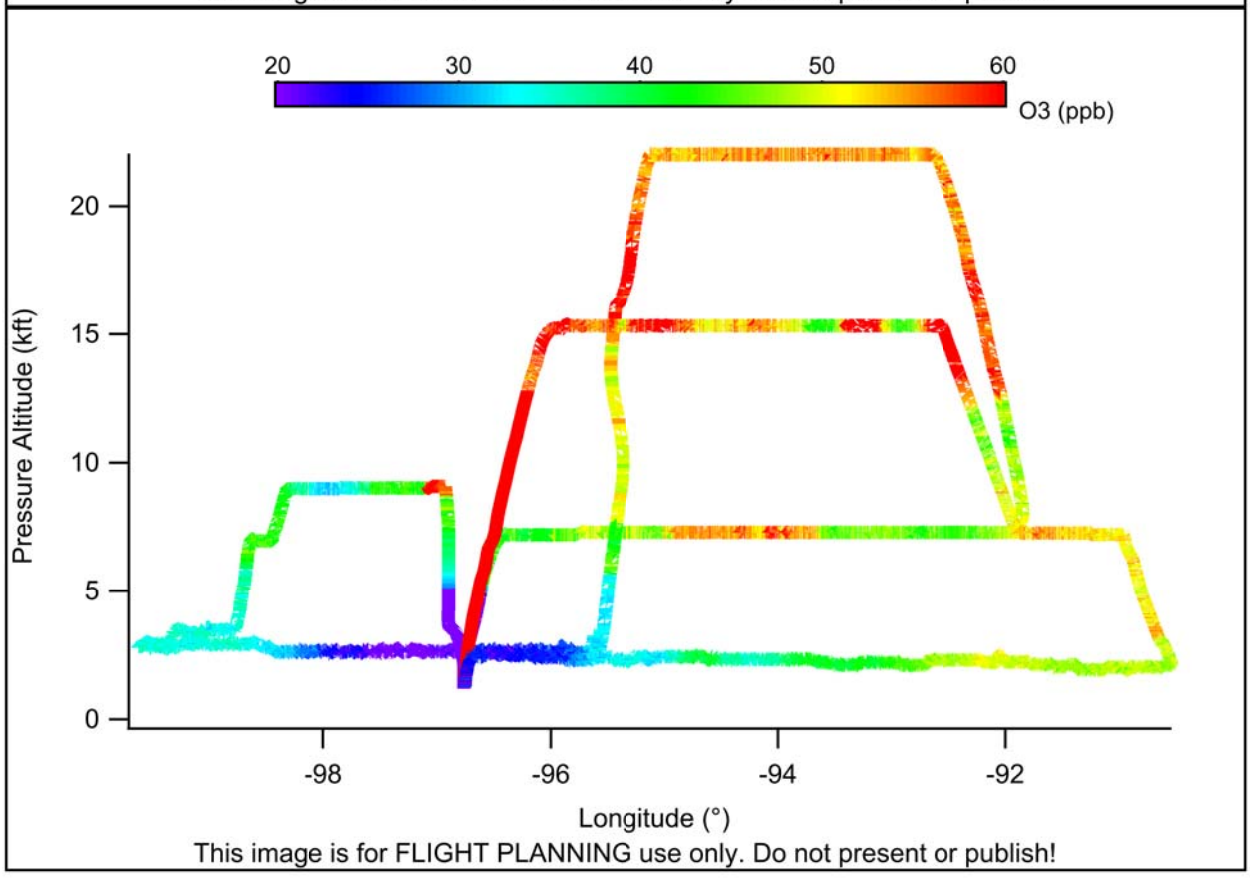

404
406
408
410
412
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

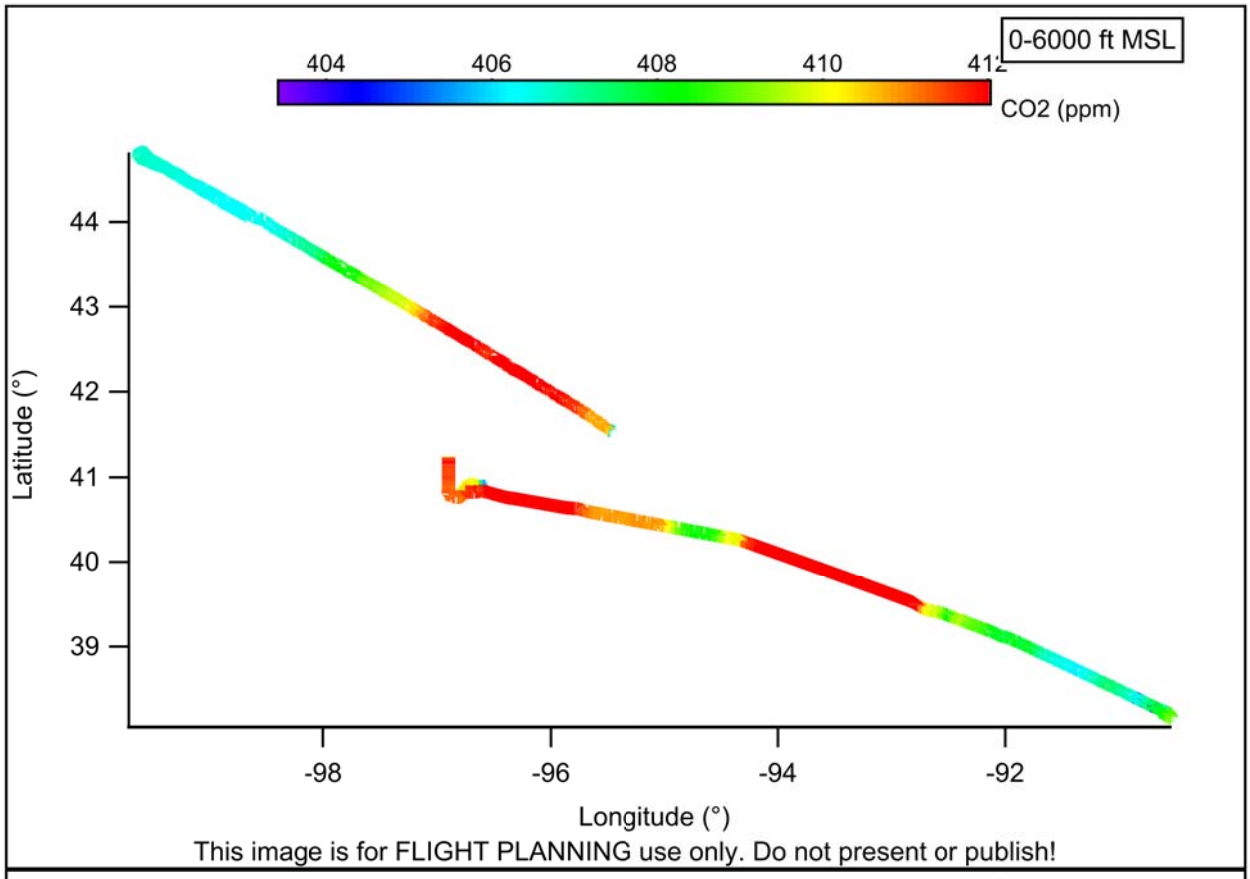

1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

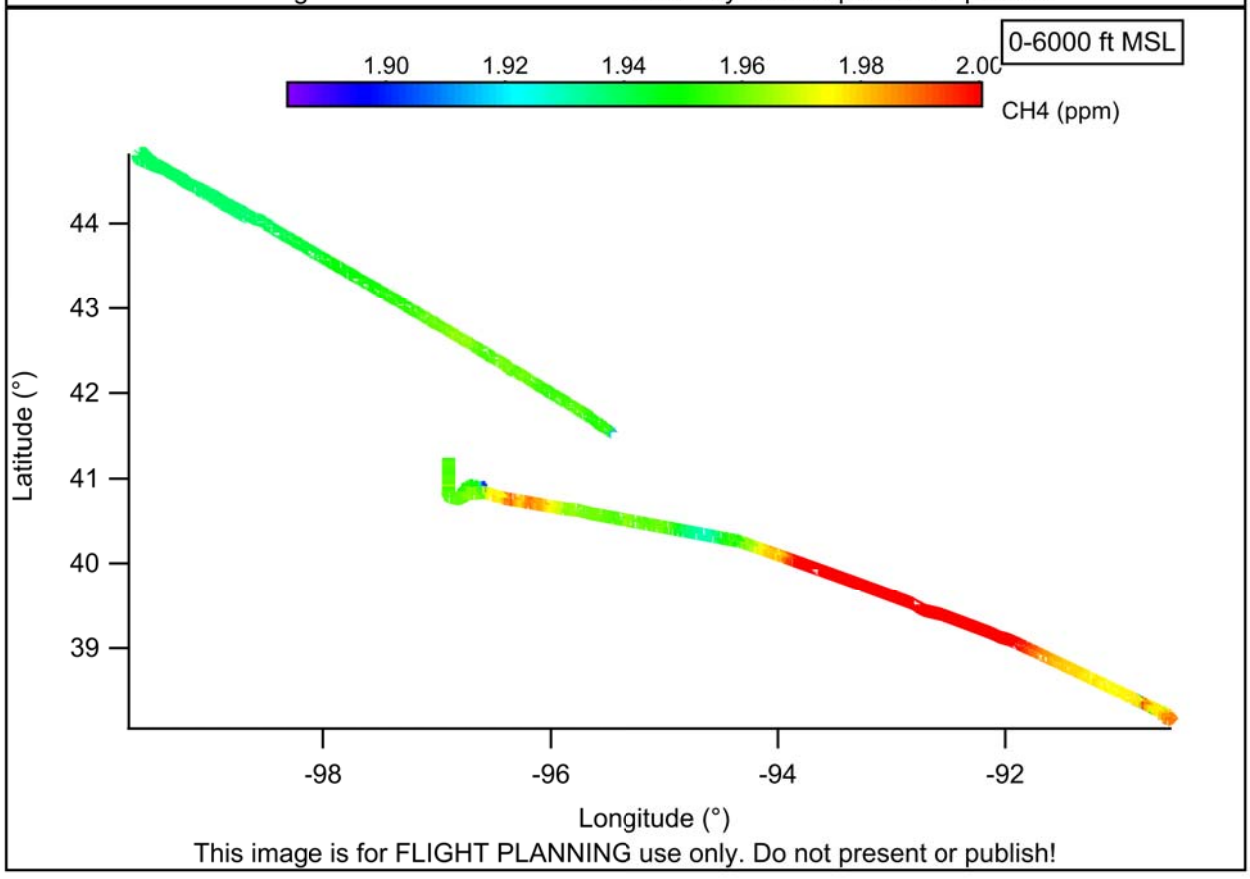

0.08
0.09
0.10
0.11
0.12
0.13
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

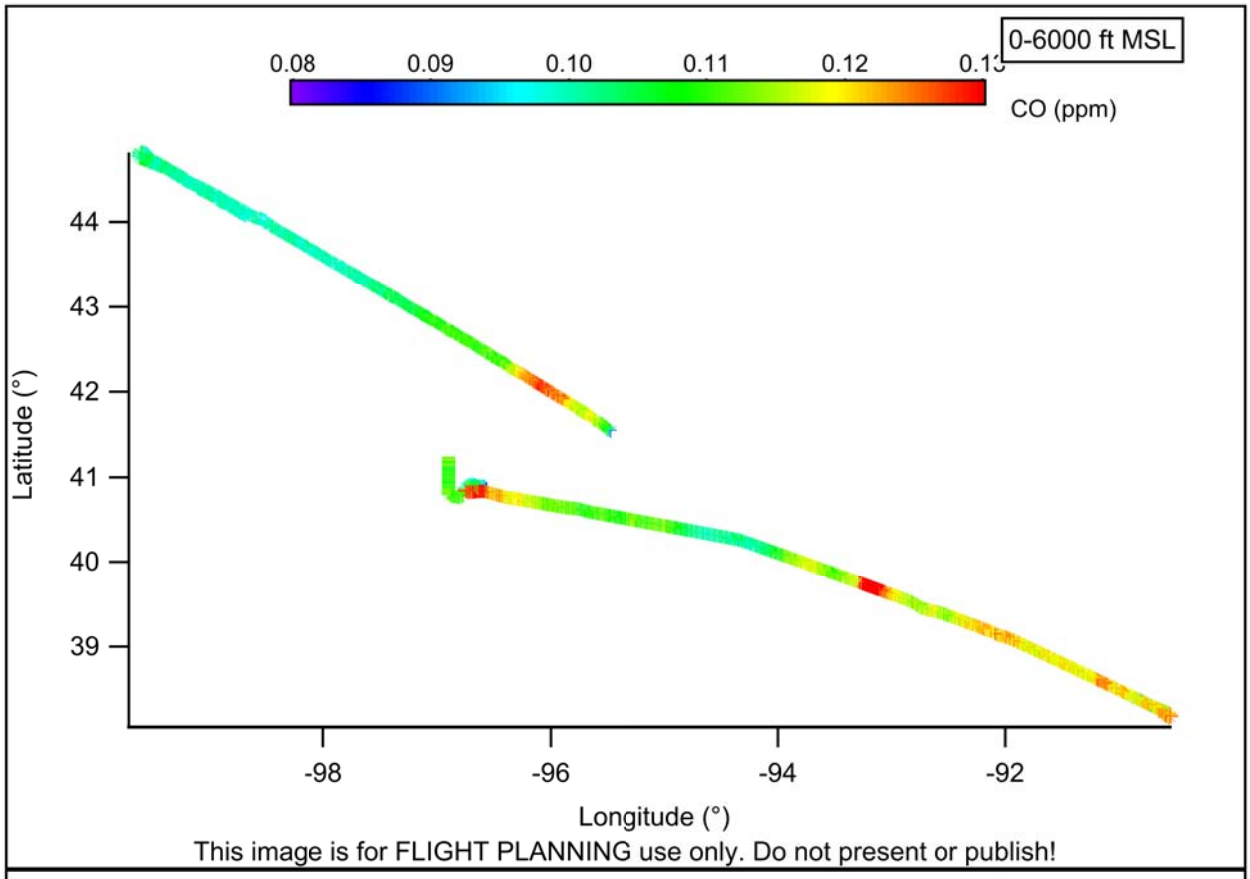

1
2
3
4
5
6
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

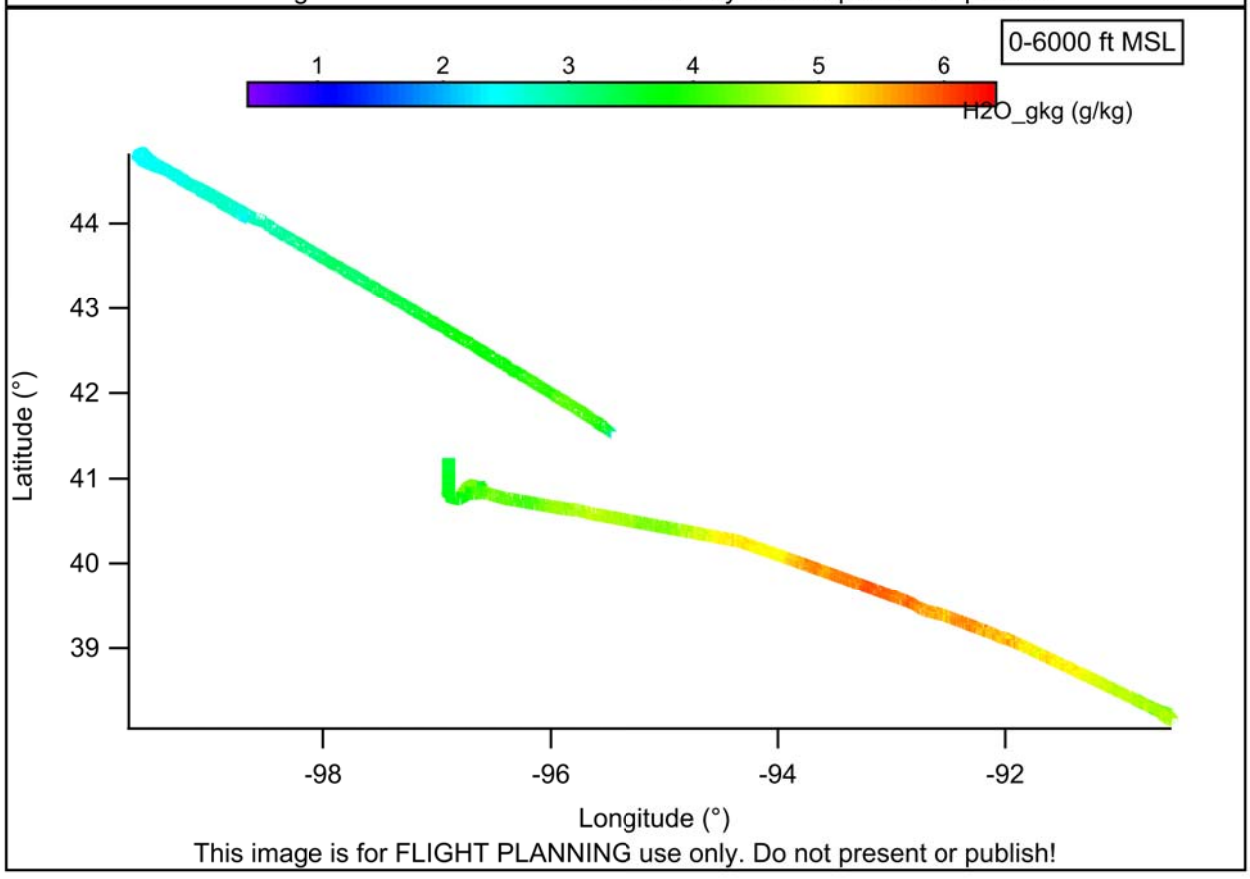

-30
-20
-10
0
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

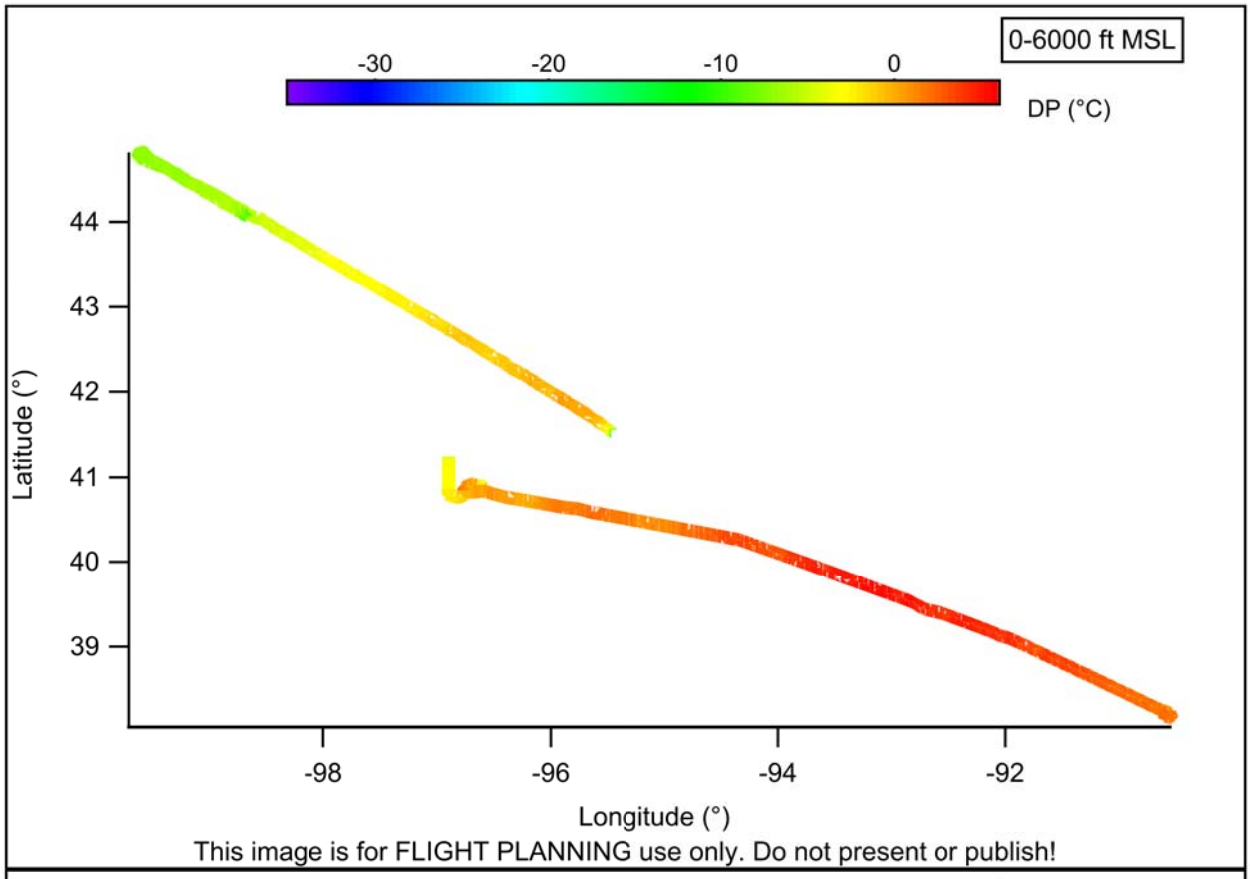

20
30
40
50
60
O3 (ppb)
Pressure Altitude (kft)
20
15
10
5
0
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

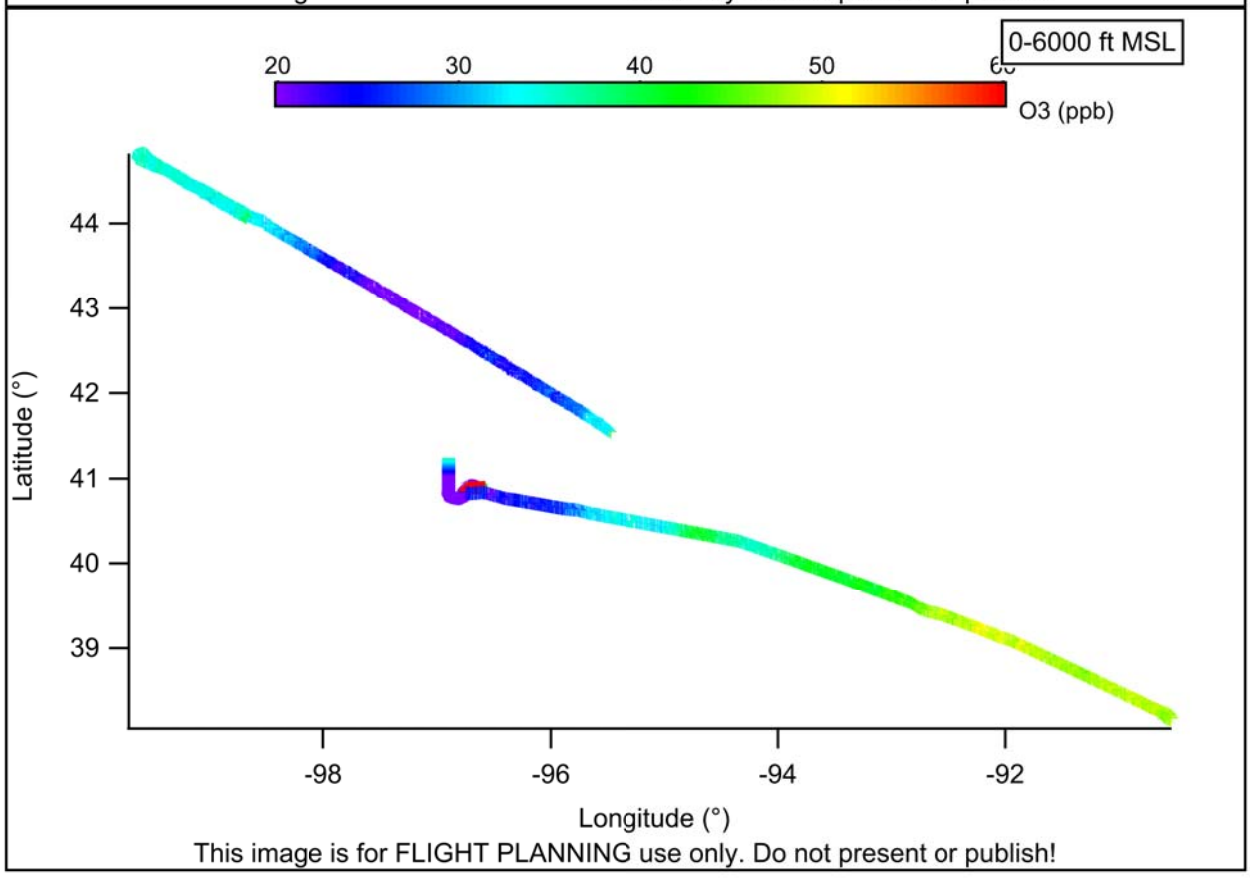

0-6000 ft MSL
404
406
408
410
412
CO2 (ppm)
44
43
42
41
40
39
Latitude (°)
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

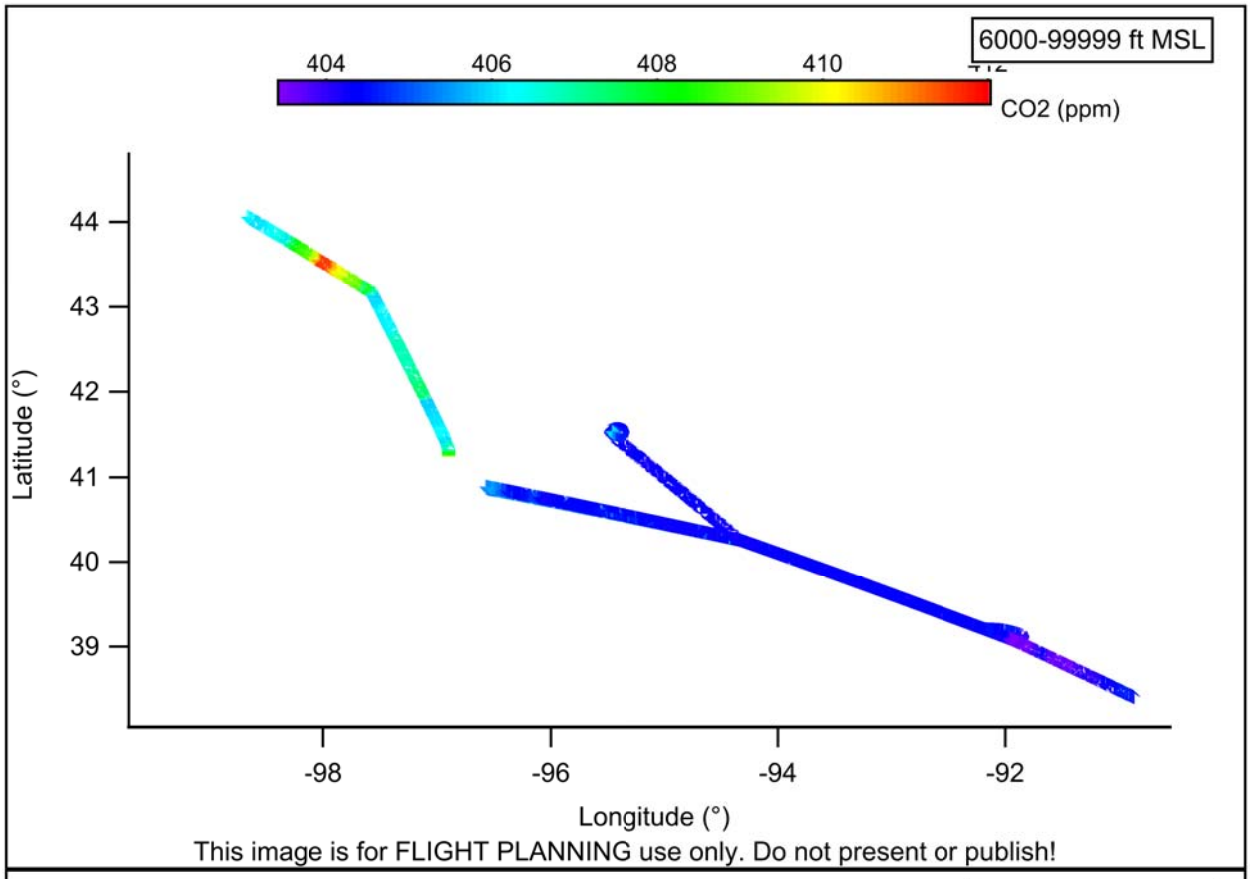

0-6000 ft MSL
1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
44
43
42
41
40
39
Latitude (°)
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

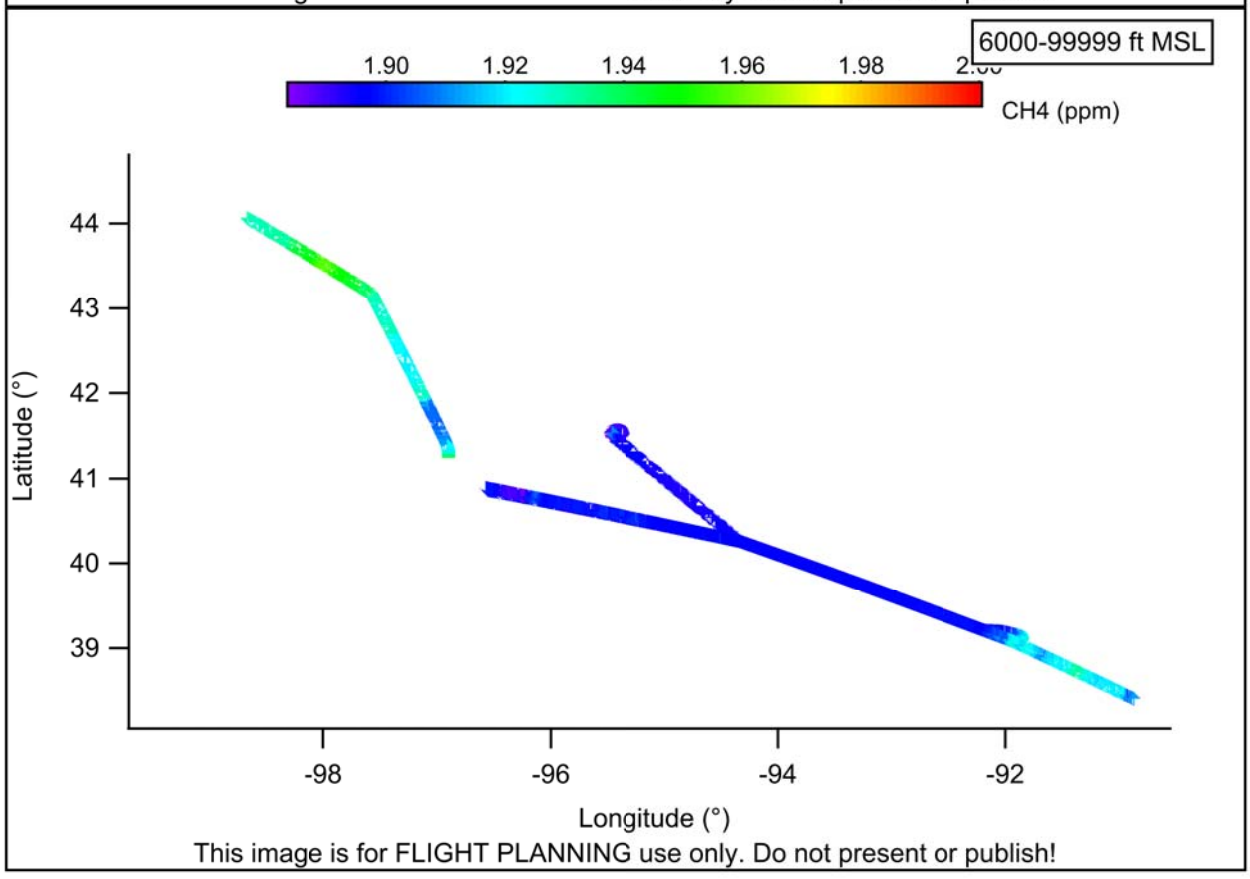

0-6000 ft MSL
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Latitude (°)
44
43
42
41
40
39
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

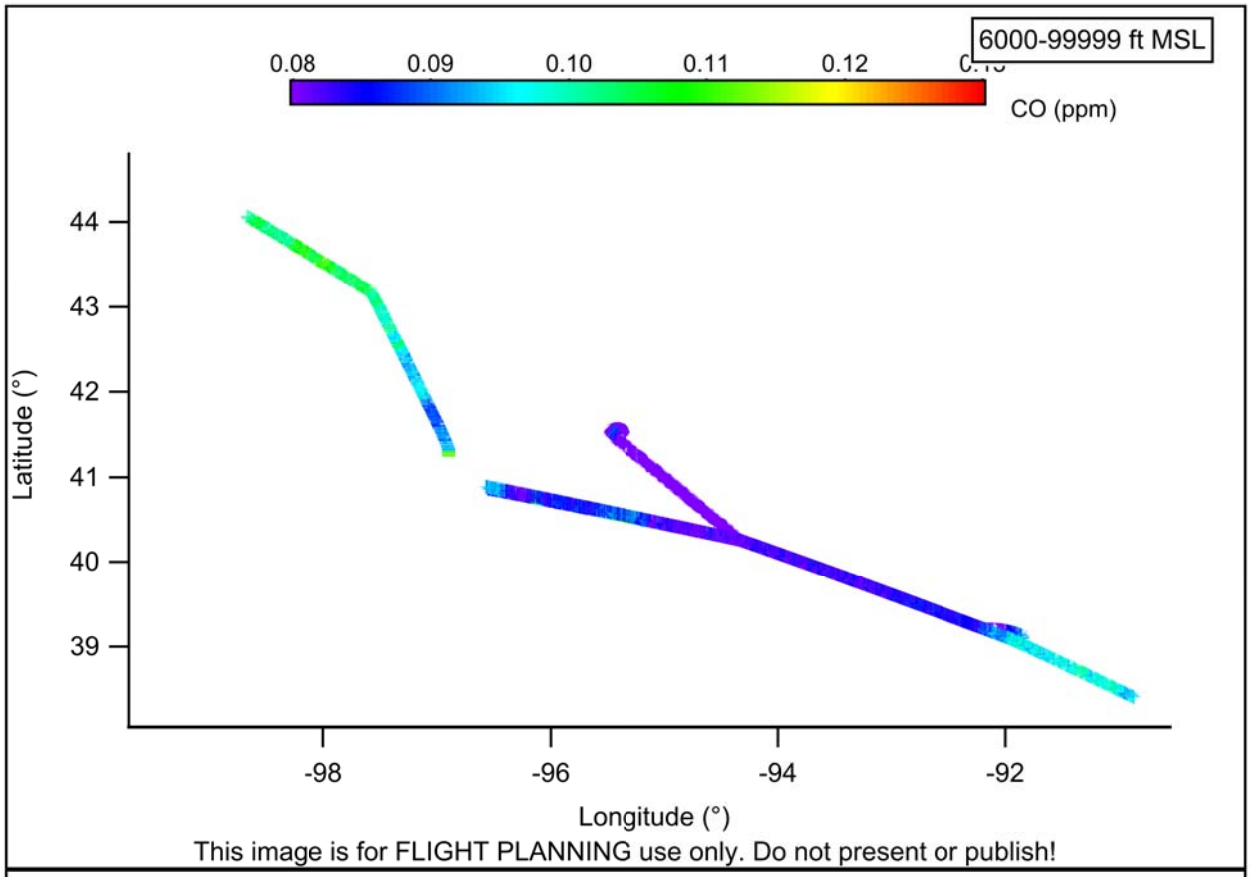

0-6000 ft MSL
1
2
3
4
5
6
H2O_gkg (g/kg)
Latitude (°)
44
43
42
41
40
39
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

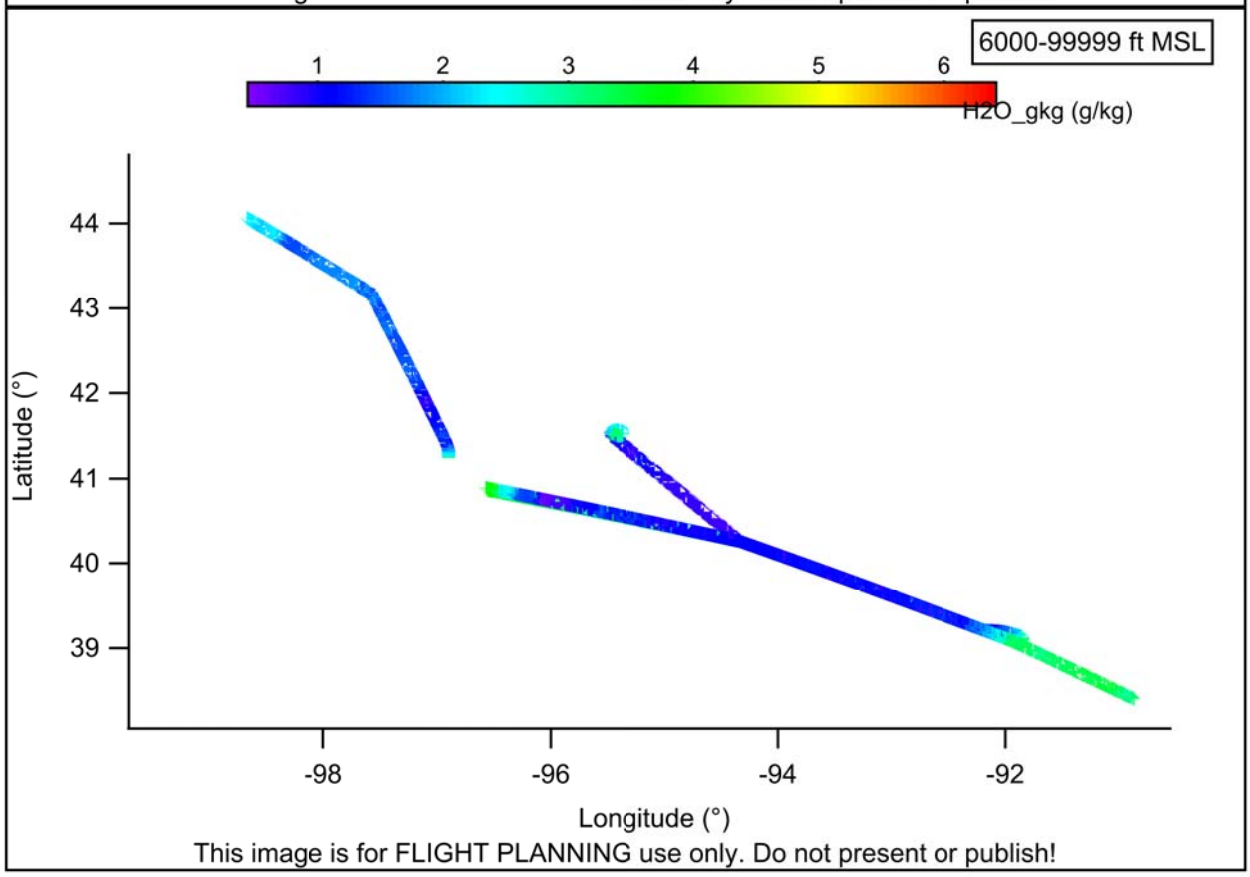

0-6000 ft MSL
-30
-20
-10
0
DP (°C)
44
43
42
41
40
39
Latitude (°)
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

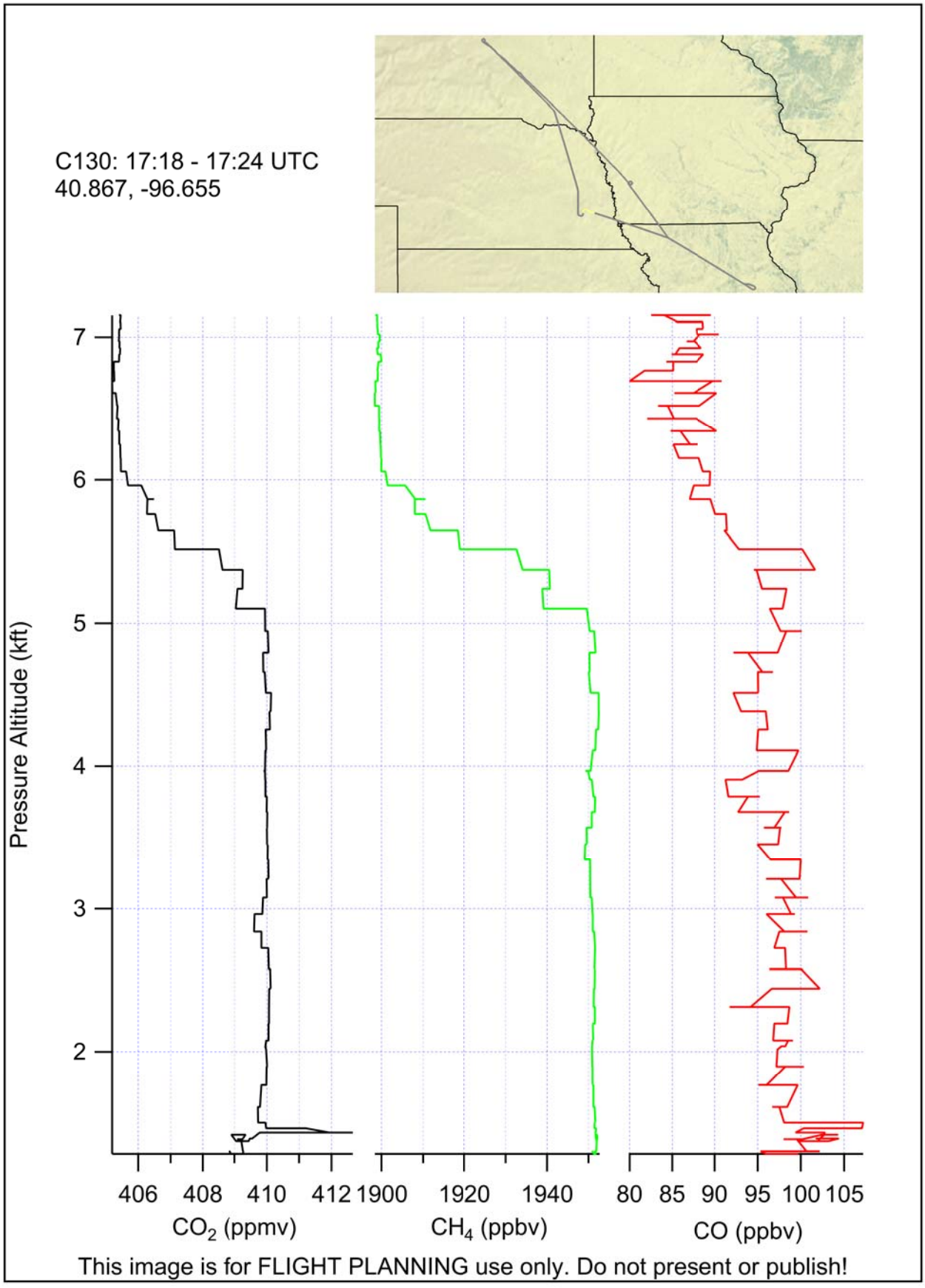

0-6000 ft MSL
20
30
40
50
O3 (ppb)
44
43
42
41
40
39
Latitude (°)
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

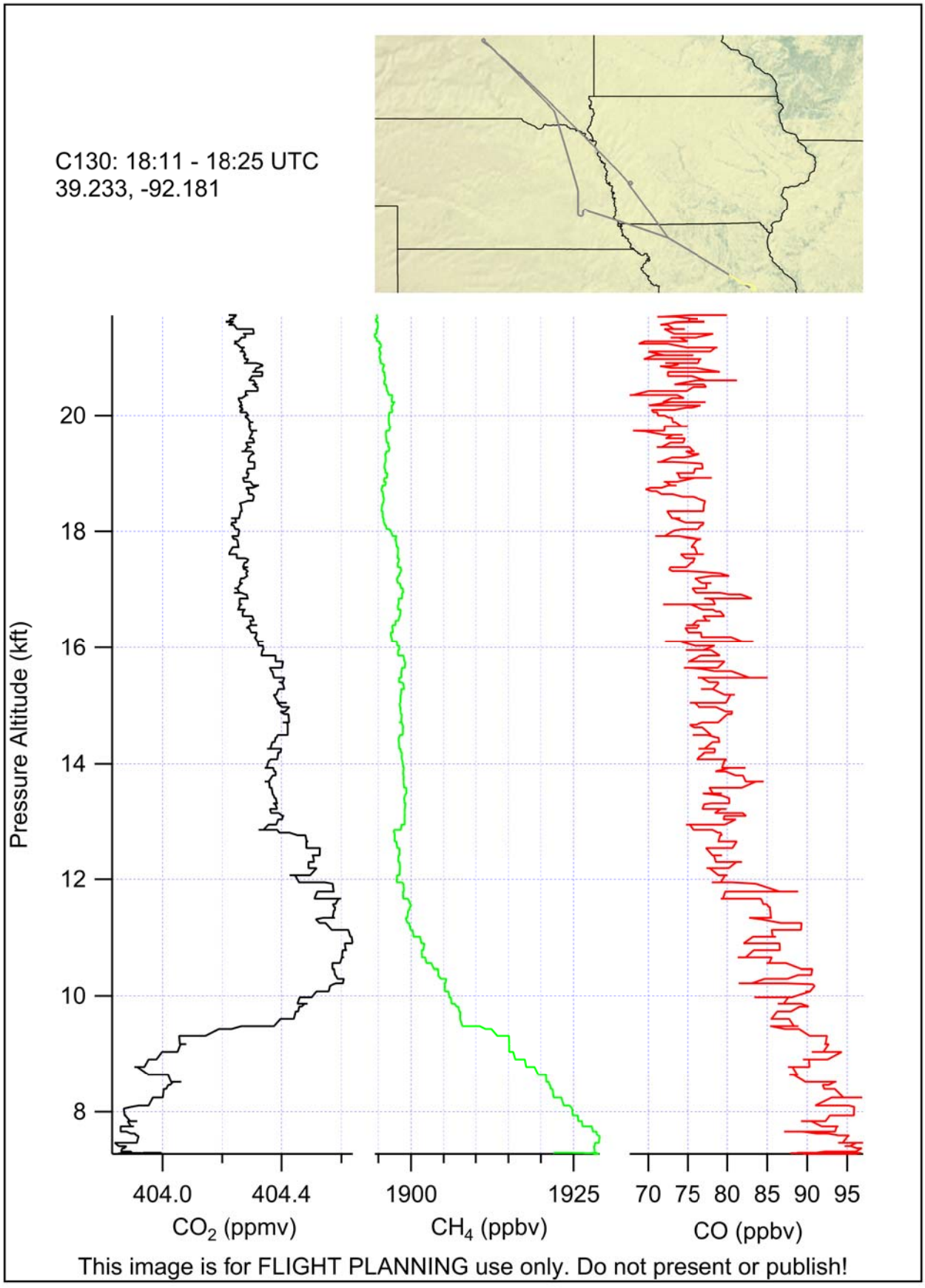

6000-99999 ft MSL
404
406
408
410
CO2 (ppm)
44
43
42
41
40
39
Latitude (°)
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

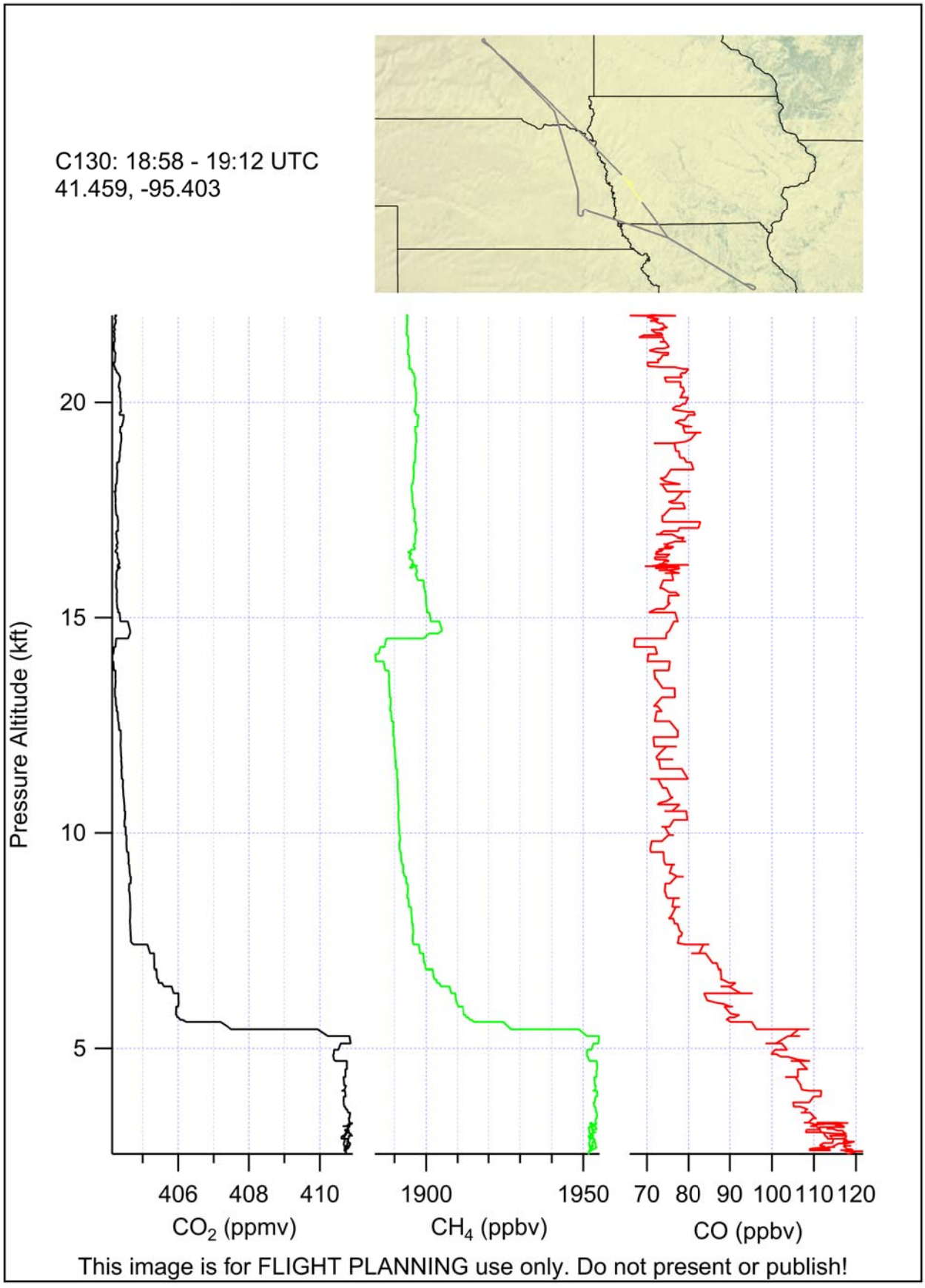

6000-99999 ft MSL
1.90
1.92
1.94
1.96
1.98
CH4 (ppm)
44
43
42
41
40
39
Latitude (°)
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Latitude (°)
44
43
42
41
40
39
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
1
2
3
4
5
6
H2O_gkg (g/kg)
Latitude (°)
44
43
42
41
40
39
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:18 - 17:24 UTC
40.867, -96.655
Pressure Altitude (kft)
7
6
5
4
3
2
406 408 410 412
CO2 (ppmv)
1900 1920 1940
CH4 (ppbv)
80 85 90 95 100 105
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:11 - 18:25 UTC
39.233, -92.181
Pressure Altitude (kft)
20
18
16
14
12
10
8
404.0
404.4
CO2 (ppmv)
1900
1925
CH4 (ppbv)
70 75 80 85 90 95
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:58 - 19:12 UTC
41.459, -95.403
Pressure Altitude (kft)
20
15
10
5
406
408
410
CO2 (ppmv)
1900
1950
CH4 (ppbv)
70
80
90
100
110
120
CO (ppbv)
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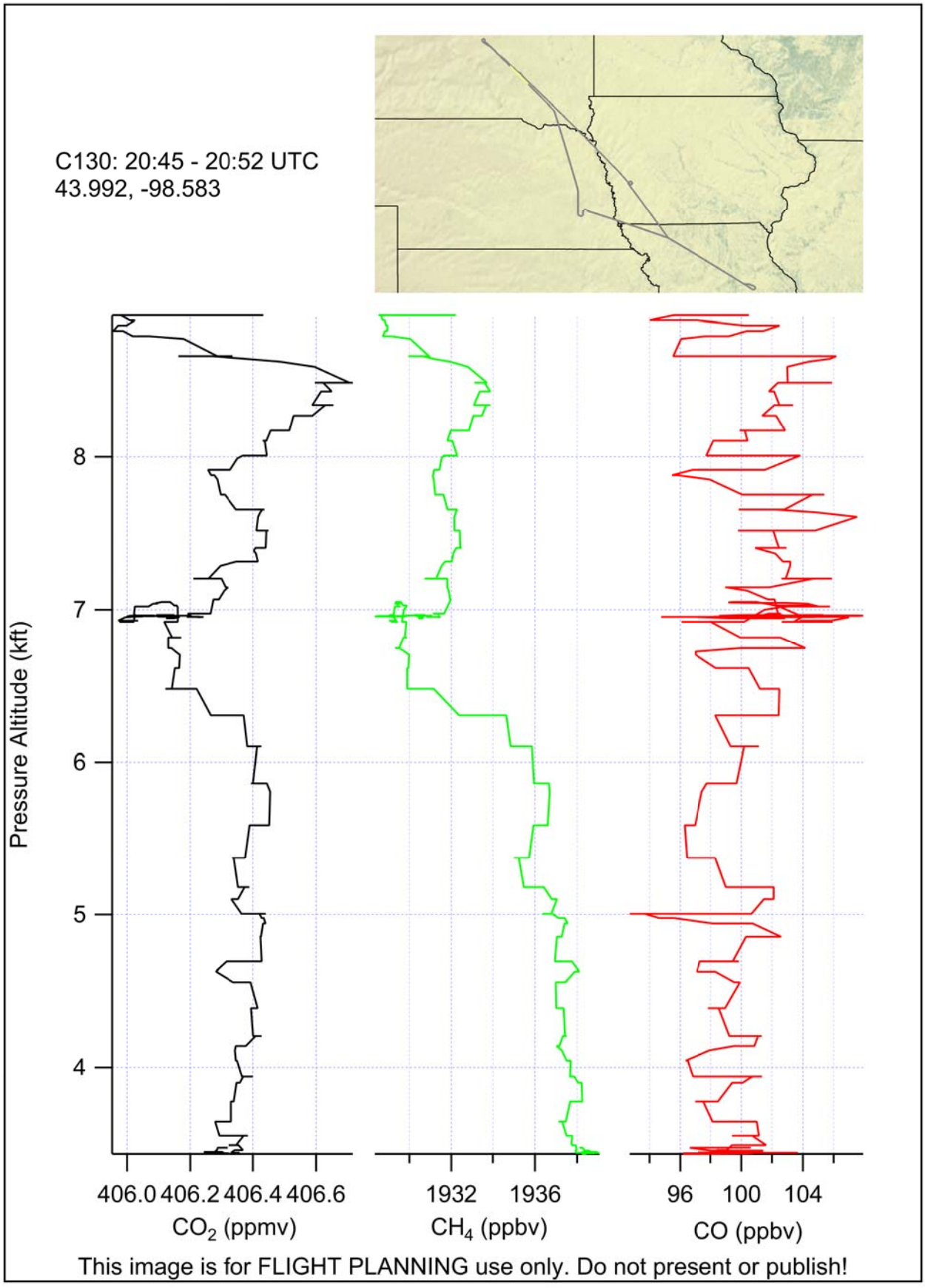
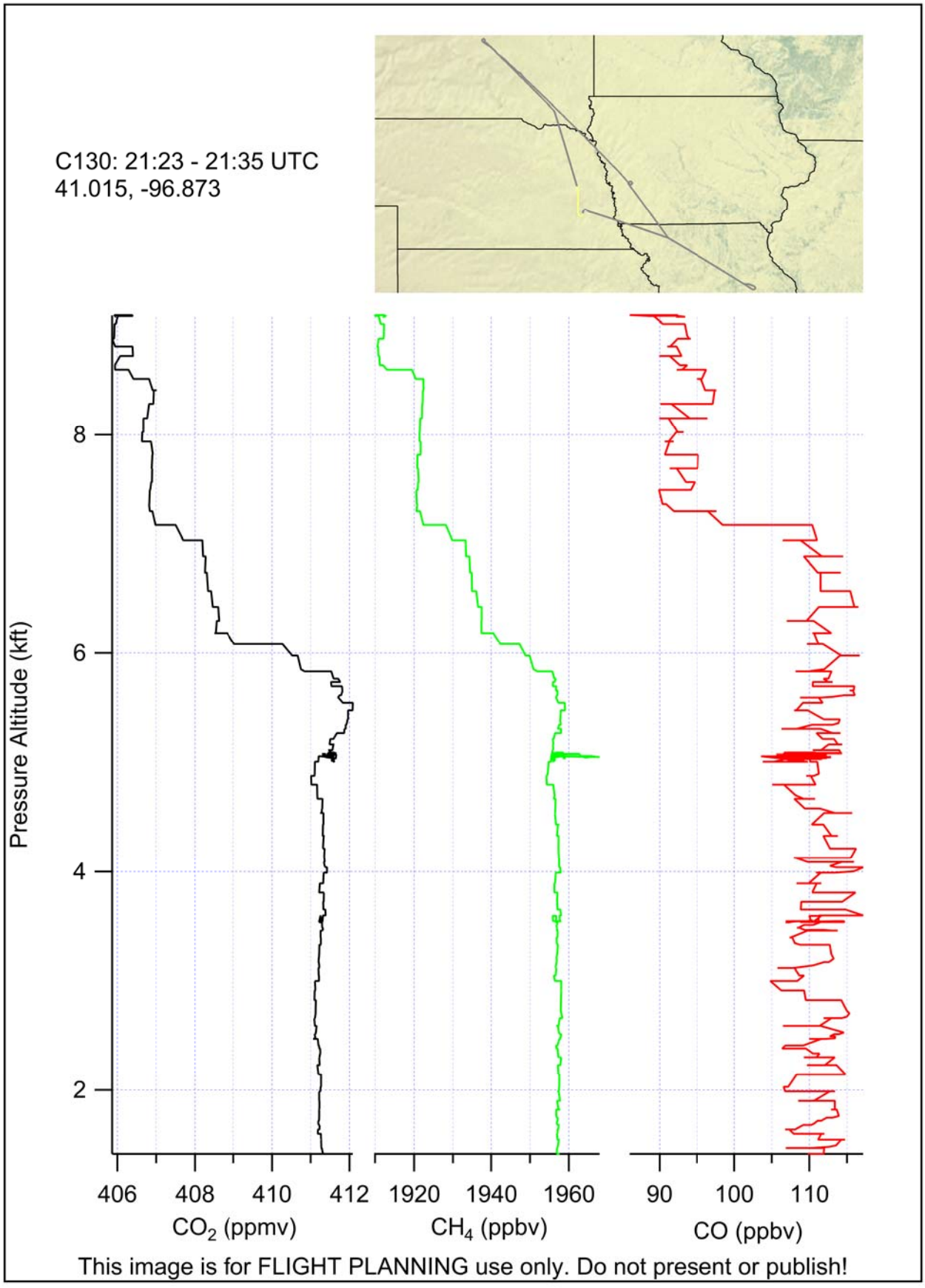
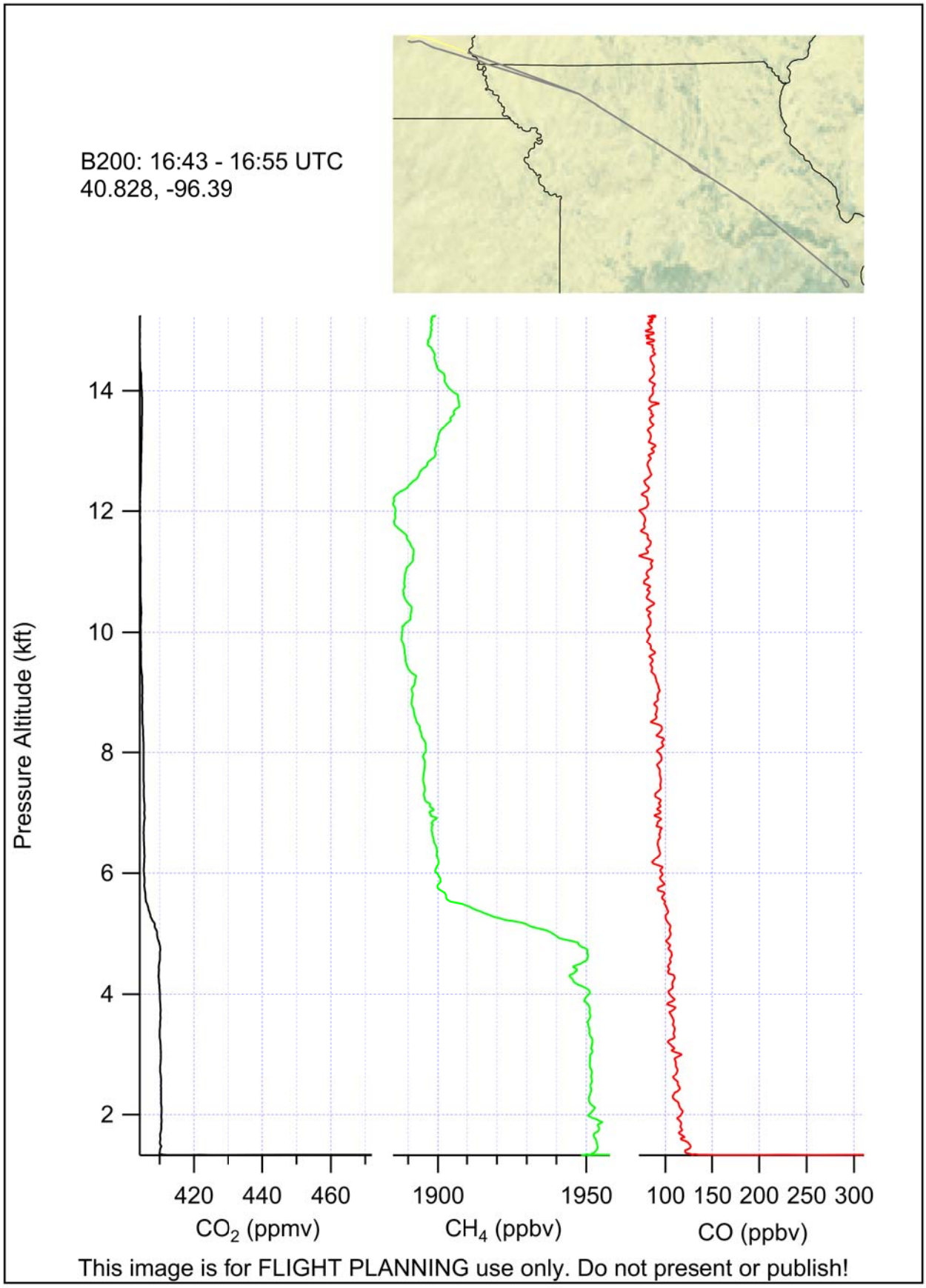
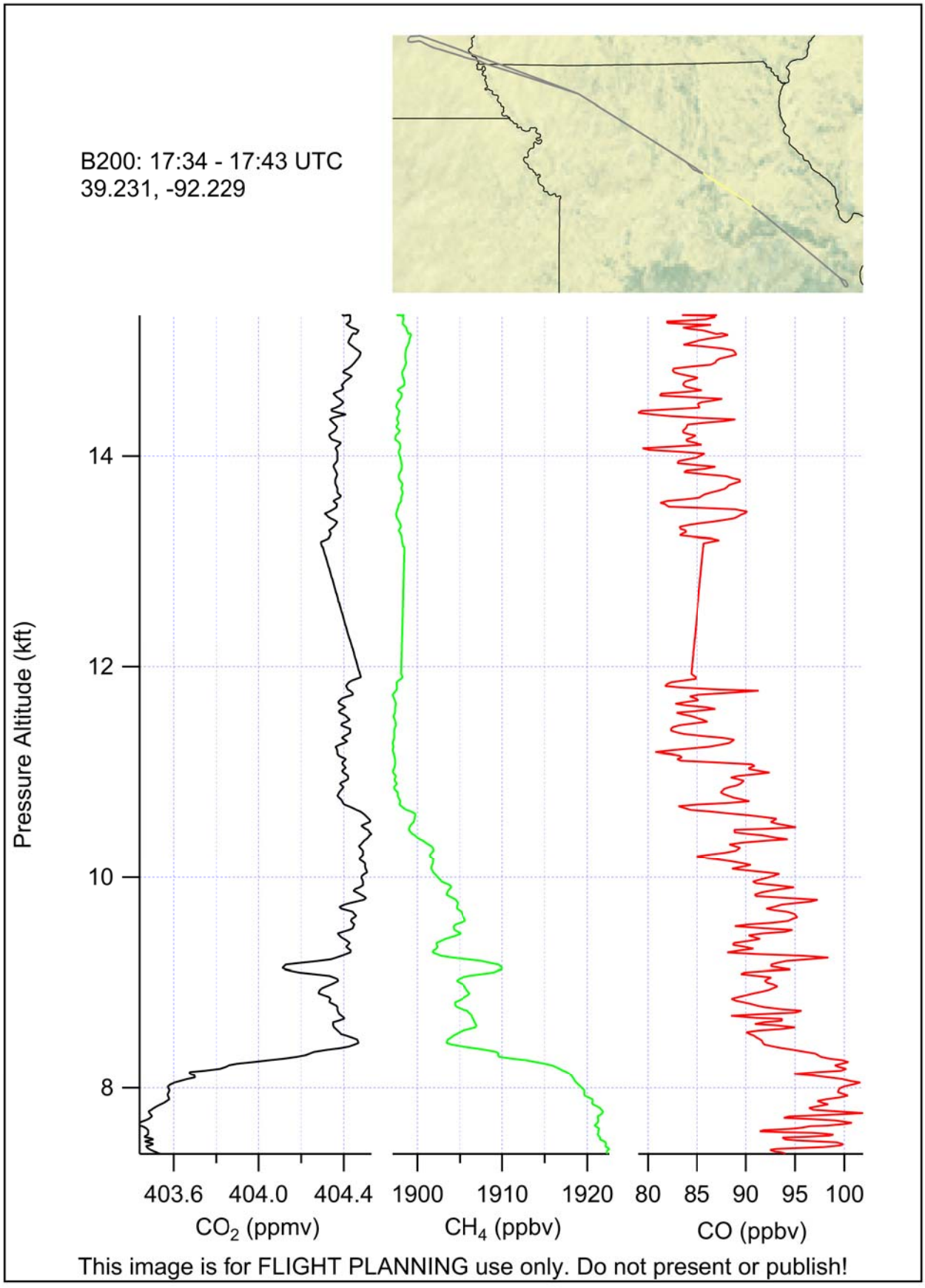
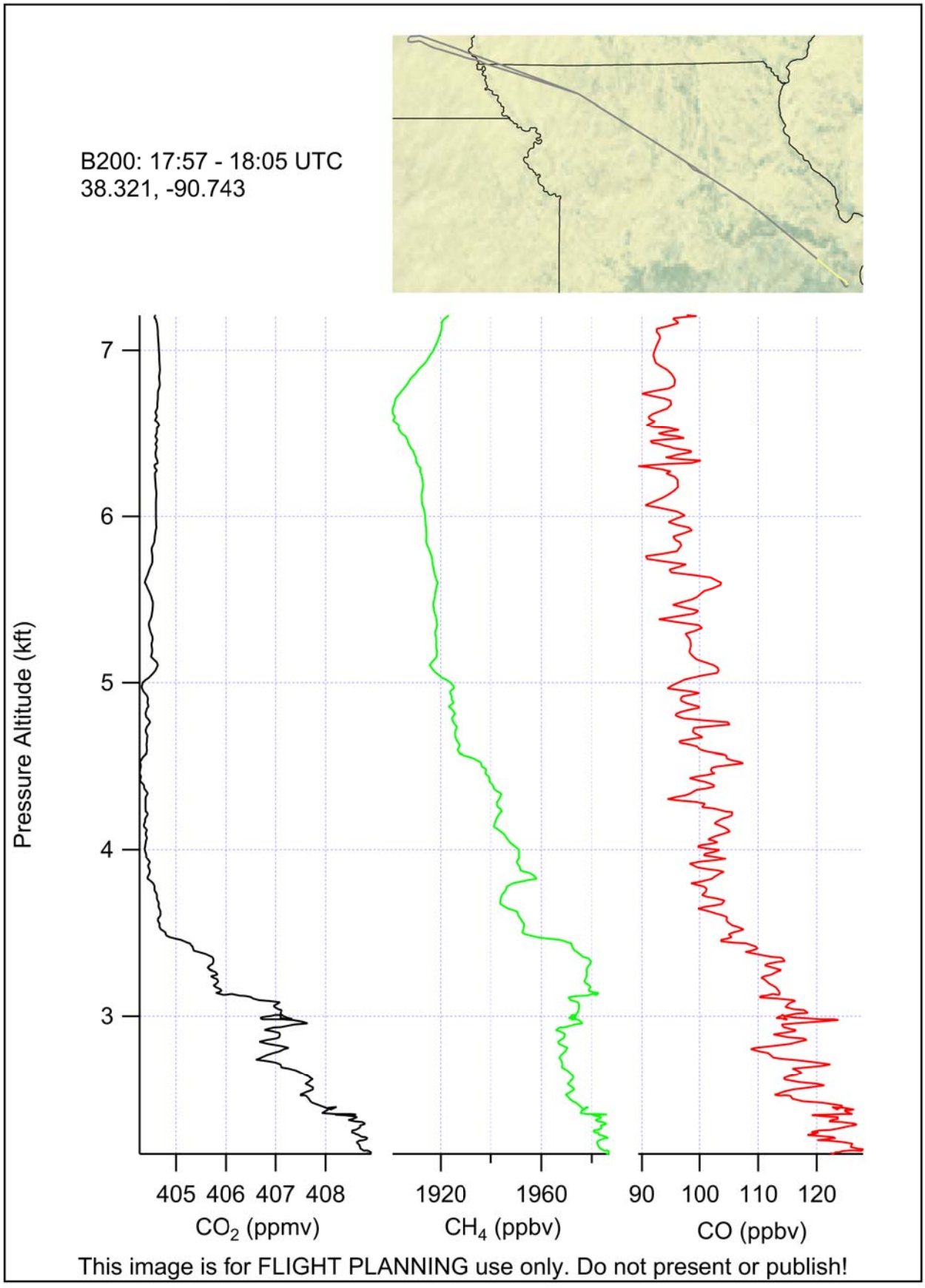
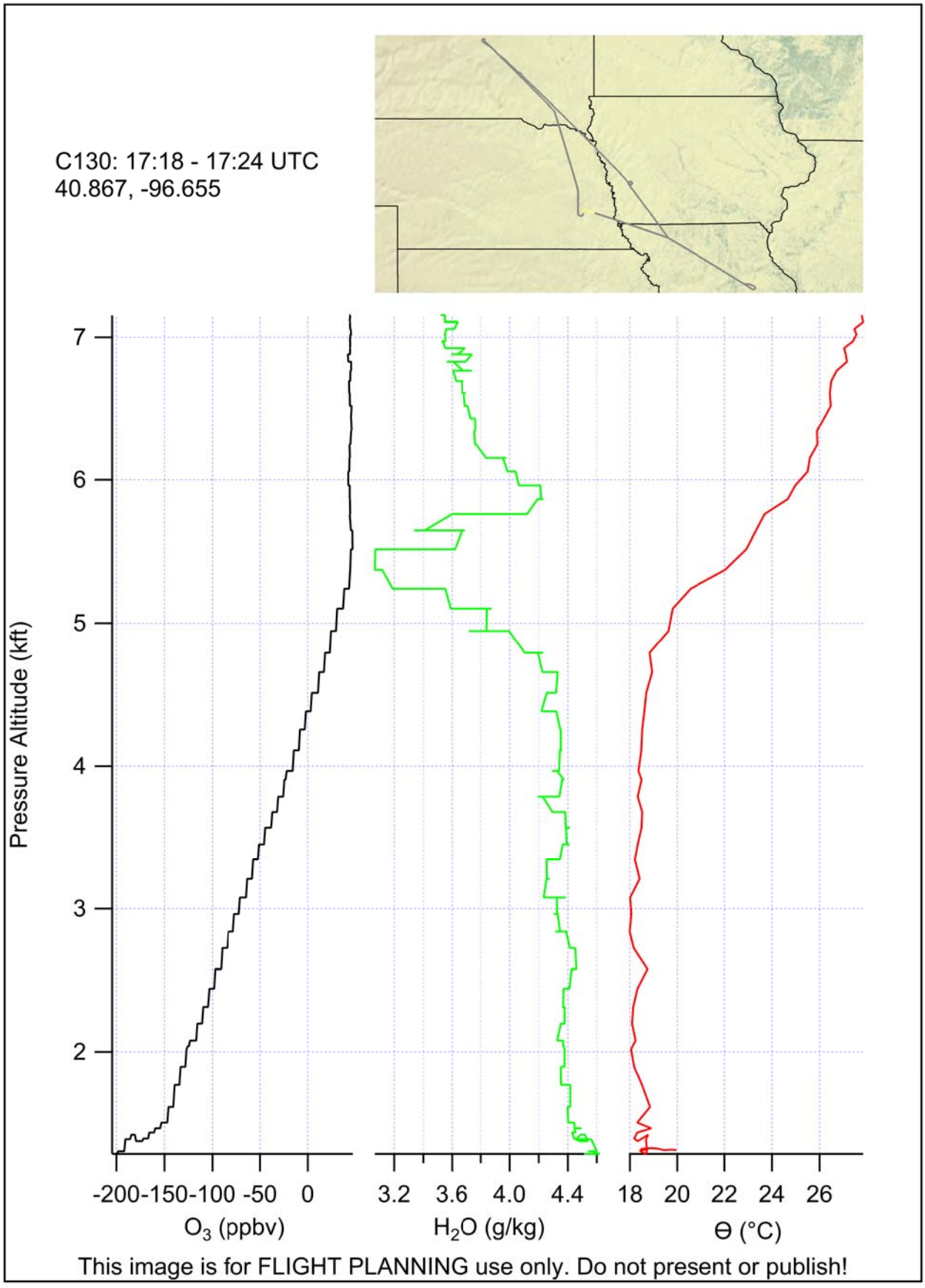

C130: 20:45 - 20:52 UTC
43.992, -98.583
Pressure Altitude (kft)
8
7
6
5
4
406.0 406.2 406.4 406.6
CO2 (ppmv)
1932 1936
CH4 (ppbv)
96 100 104
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

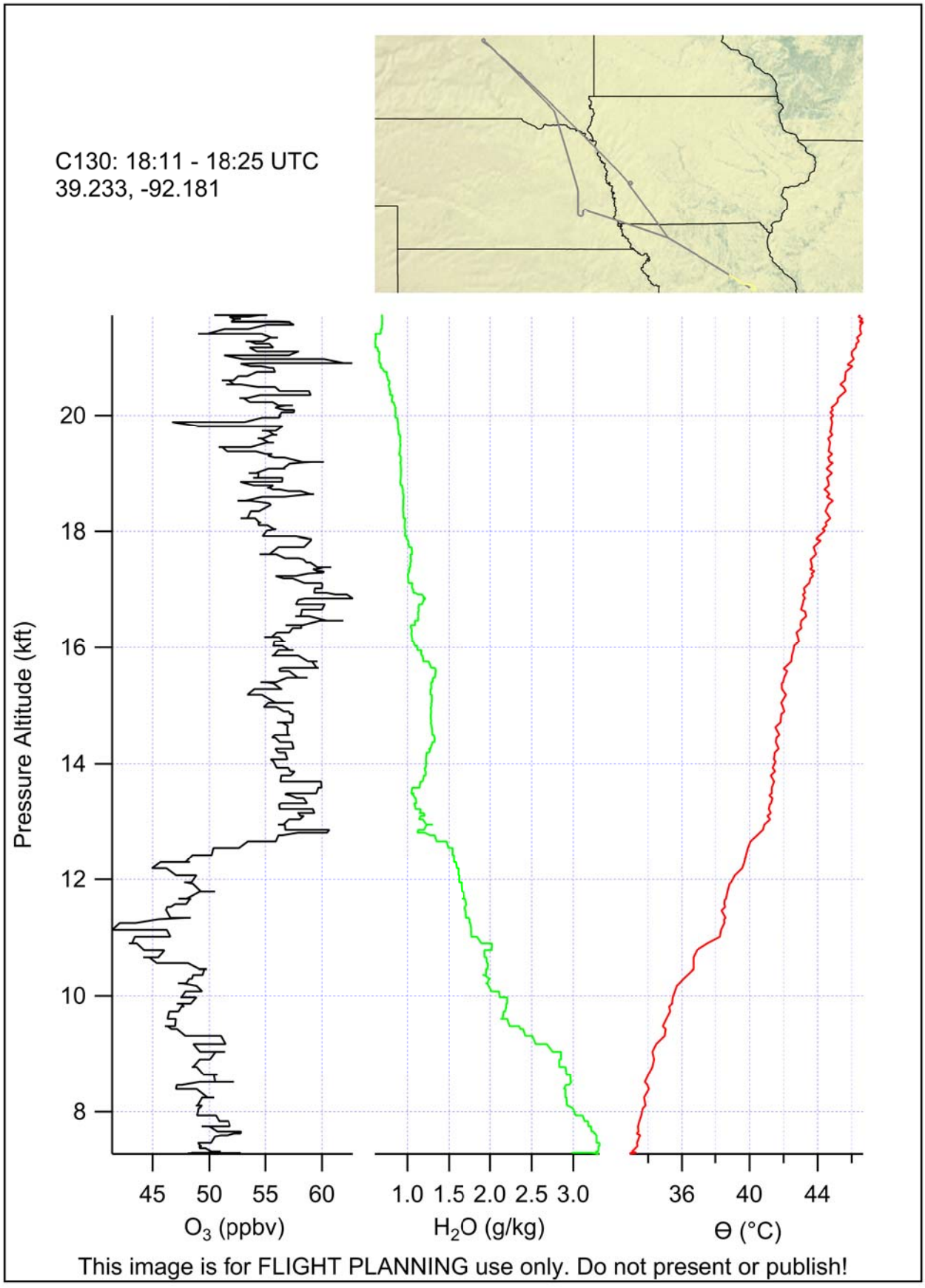

C130: 21:23 - 21:35 UTC
41.015, -96.873
Pressure Altitude (kft)
8
6
4
2
406
408
410
412
CO2 (ppmv)
1920
1940
1960
CH4 (ppbv)
90
100
110
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

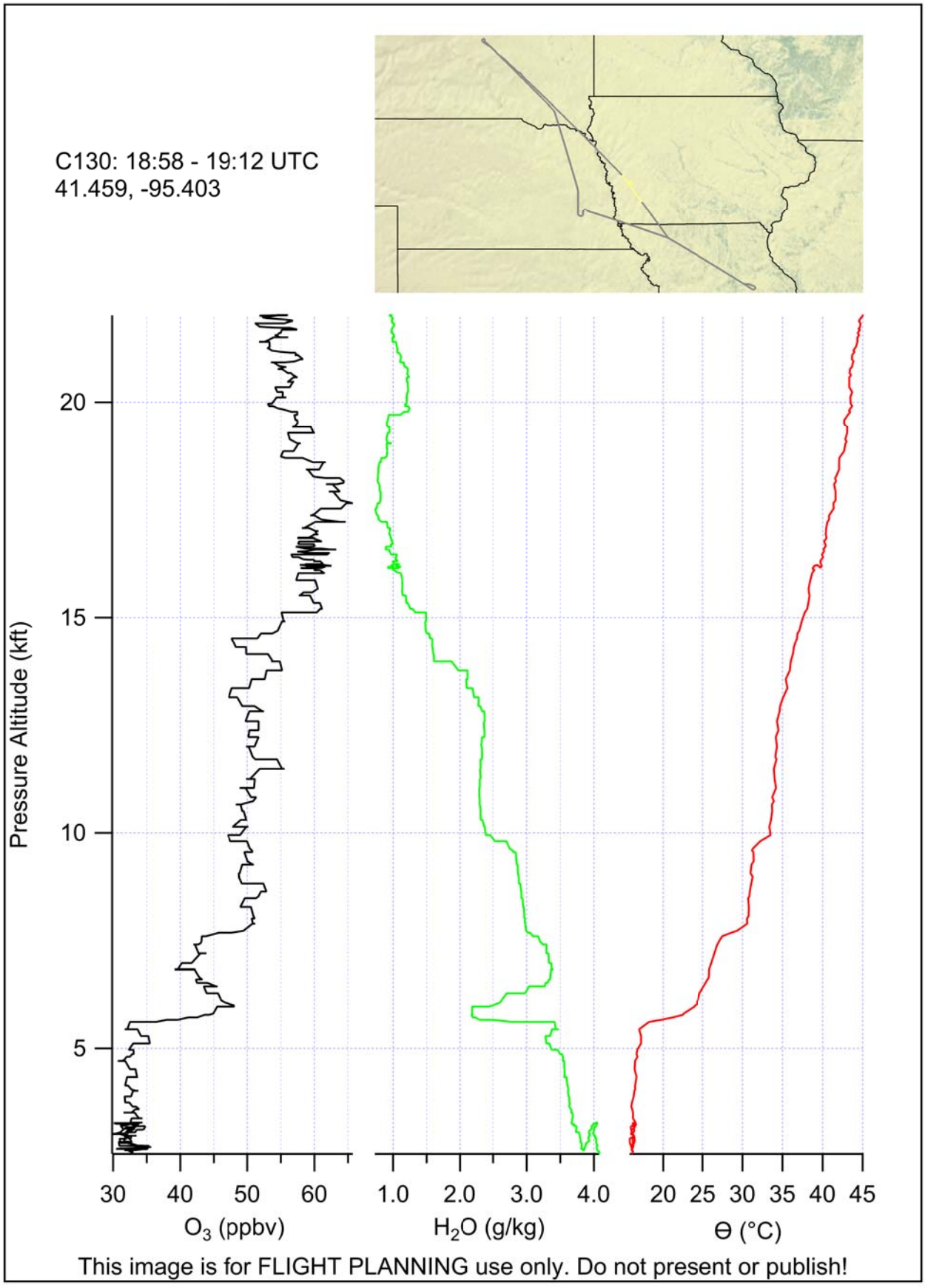

B200: 16:43 - 16:55 UTC
40.828, -96.39
Pressure Altitude (kft)
14
12
10
8
6
4
2
420 440 460
CO2 (ppmv)
1900 1950
CH4 (ppbv)
100 150 200 250 300
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

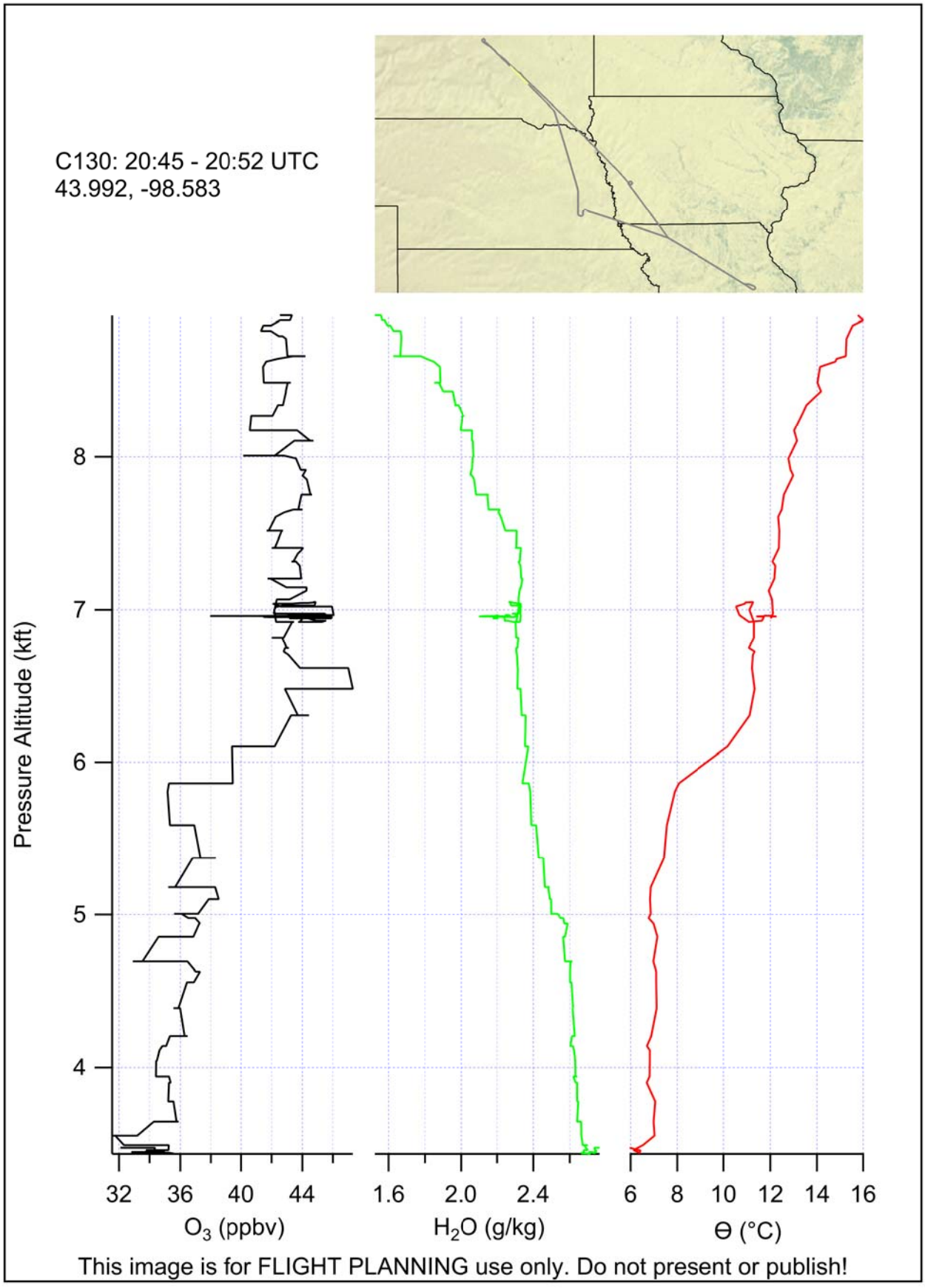

B200: 17:34 - 17:43 UTC
39.231, -92.229
Pressure Altitude (kft)
14
12
10
8
403.6
404.0
404.4
CO2 (ppmv)
1900
1910
1920
CH4 (ppbv)
80
85
90
95
100
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

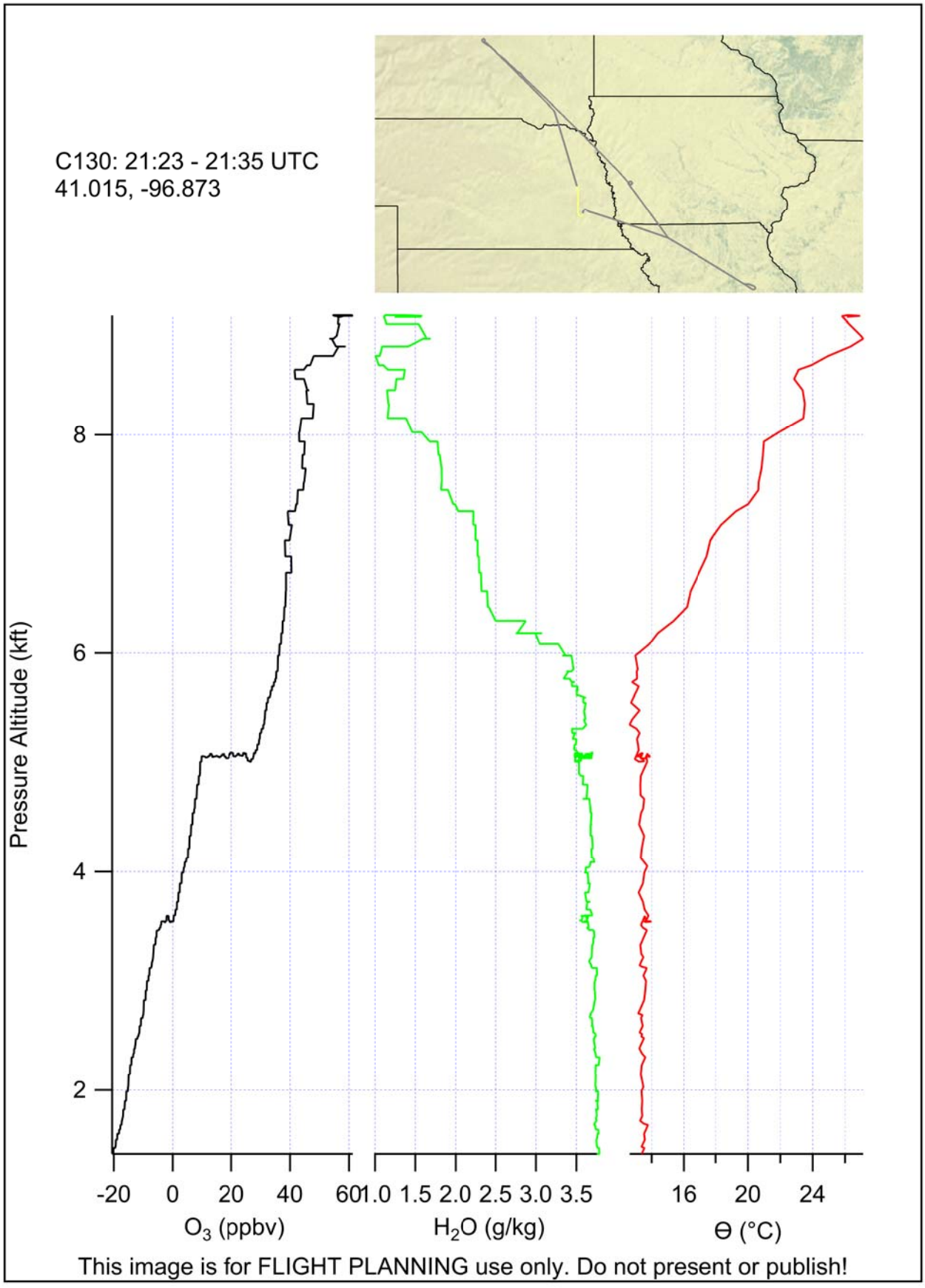

B200: 17:57 - 18:05 UTC
38.321, -90.743
Pressure Altitude (kft)
7
6
5
4
3
405 406 407 408
CO2 (ppmv)
1920 1960
CH4 (ppbv)
90 100 110 120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:18 - 17:24 UTC
40.867, -96.655
Pressure Altitude (kft)
7
6
5
4
3
2
-200 -150 -100 -50 0
O3 (ppbv)
3.2 3.6 4.0 4.4
H2O (g/kg)
18 20 22 24 26
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:11 - 18:25 UTC
39.233, -92.181
Pressure Altitude (kft)
20
18
16
14
12
10
8
45 50 55 60
O3 (ppbv)
1.0 1.5 2.0 2.5 3.0
H2O (g/kg)
36 40 44
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:58 - 19:12 UTC
41.459, -95.403
Pressure Altitude (kft)
20
15
10
5
30
40
50
60
O3 (ppbv)
1.0
2.0
3.0
4.0
H2O (g/kg)
20
25
30
35
40
45
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:45 - 20:52 UTC
43.992, -98.583
Pressure Altitude (kft)
8
7
6
5
4
32
36
40
44
O3 (ppbv)
1.6
2.0
2.4
H2O (g/kg)
6
8
10
12
14
16
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 21:23 - 21:35 UTC
41.015, -96.873
Pressure Altitude (kft)
8
6
4
2
-20
0
20
40
60
O3 (ppbv)
1.0
1.5
2.0
2.5
3.0
3.5
H2O (g/kg)
16
20
24
Θ (°C)
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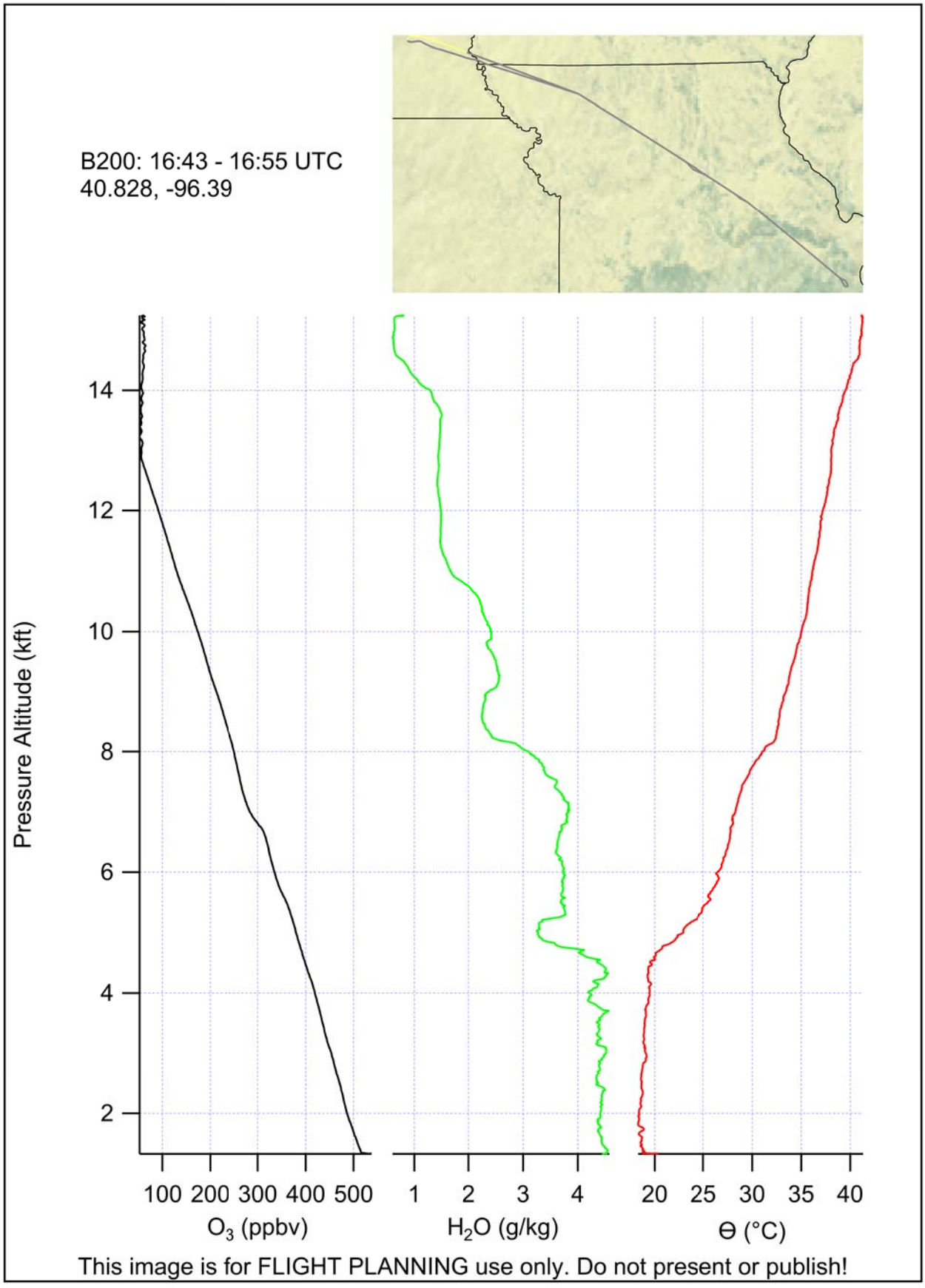
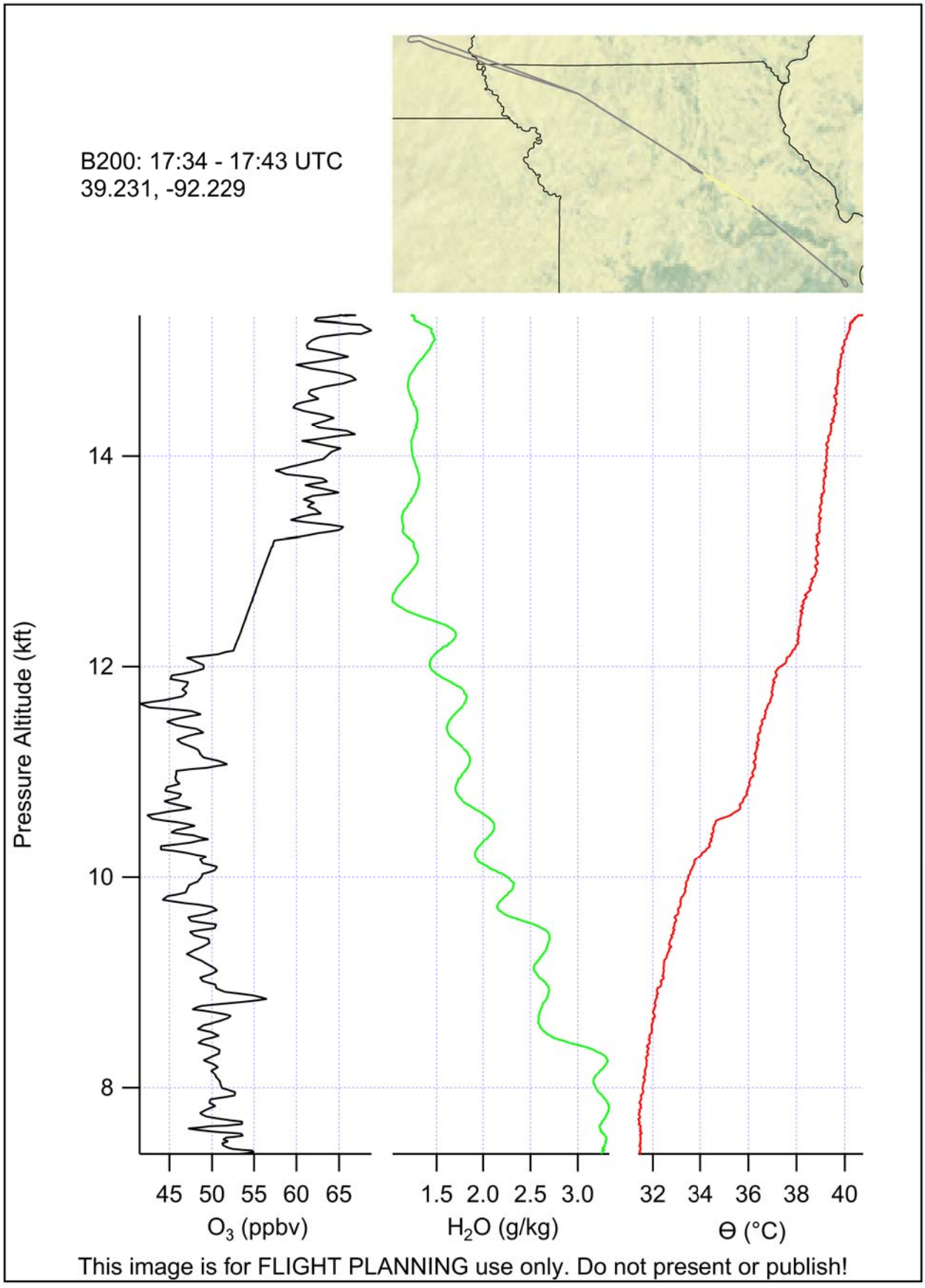
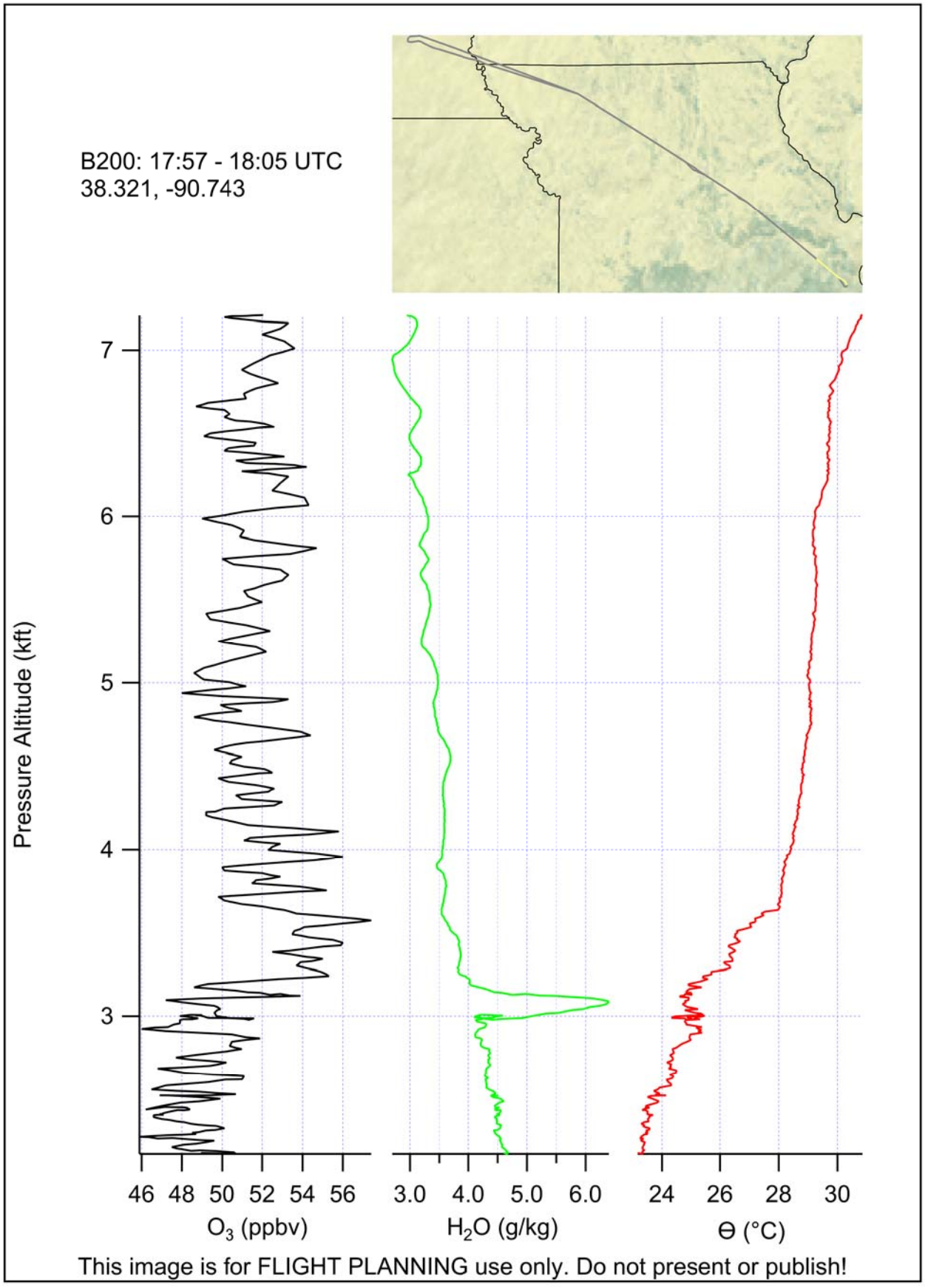
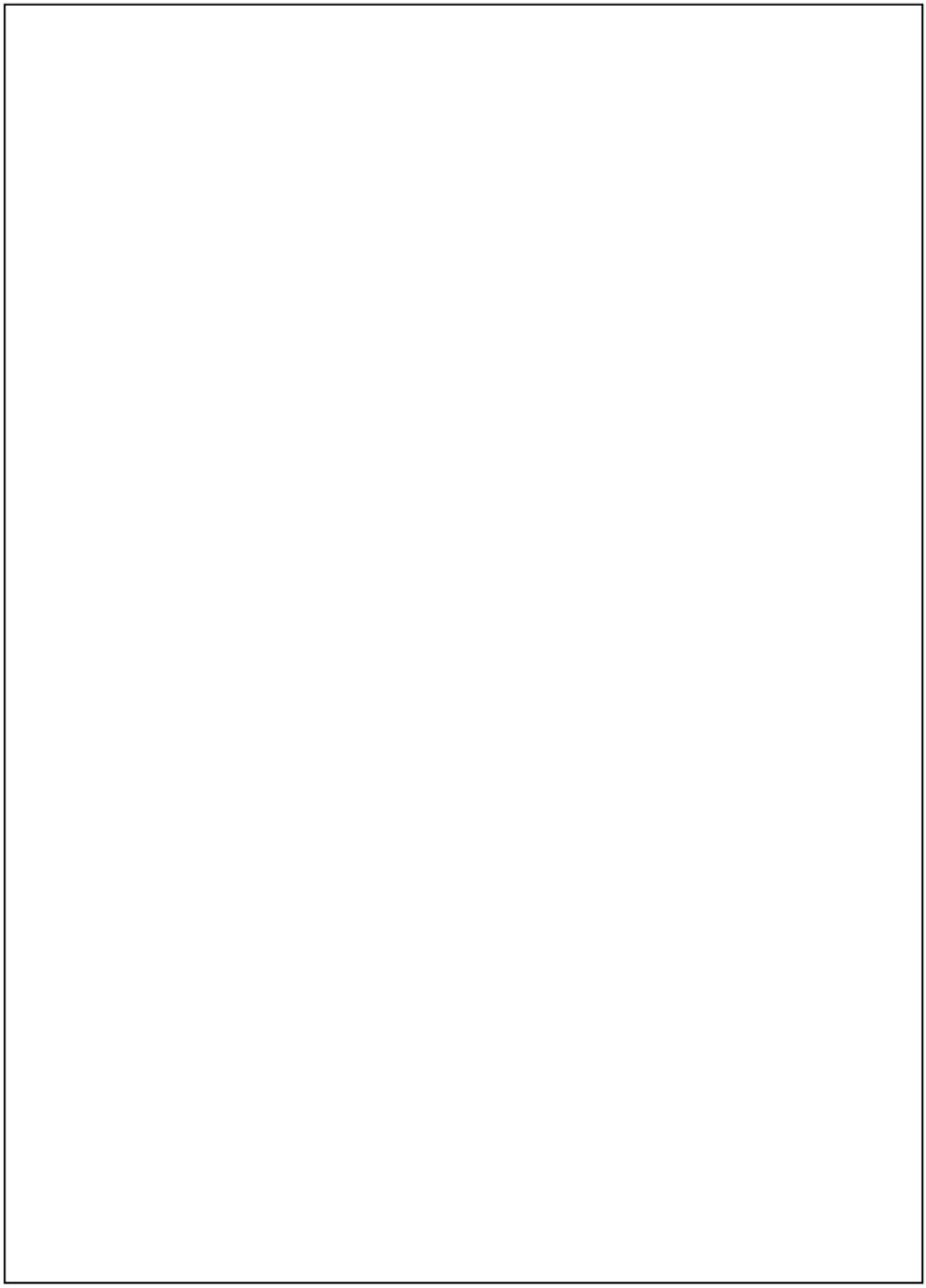
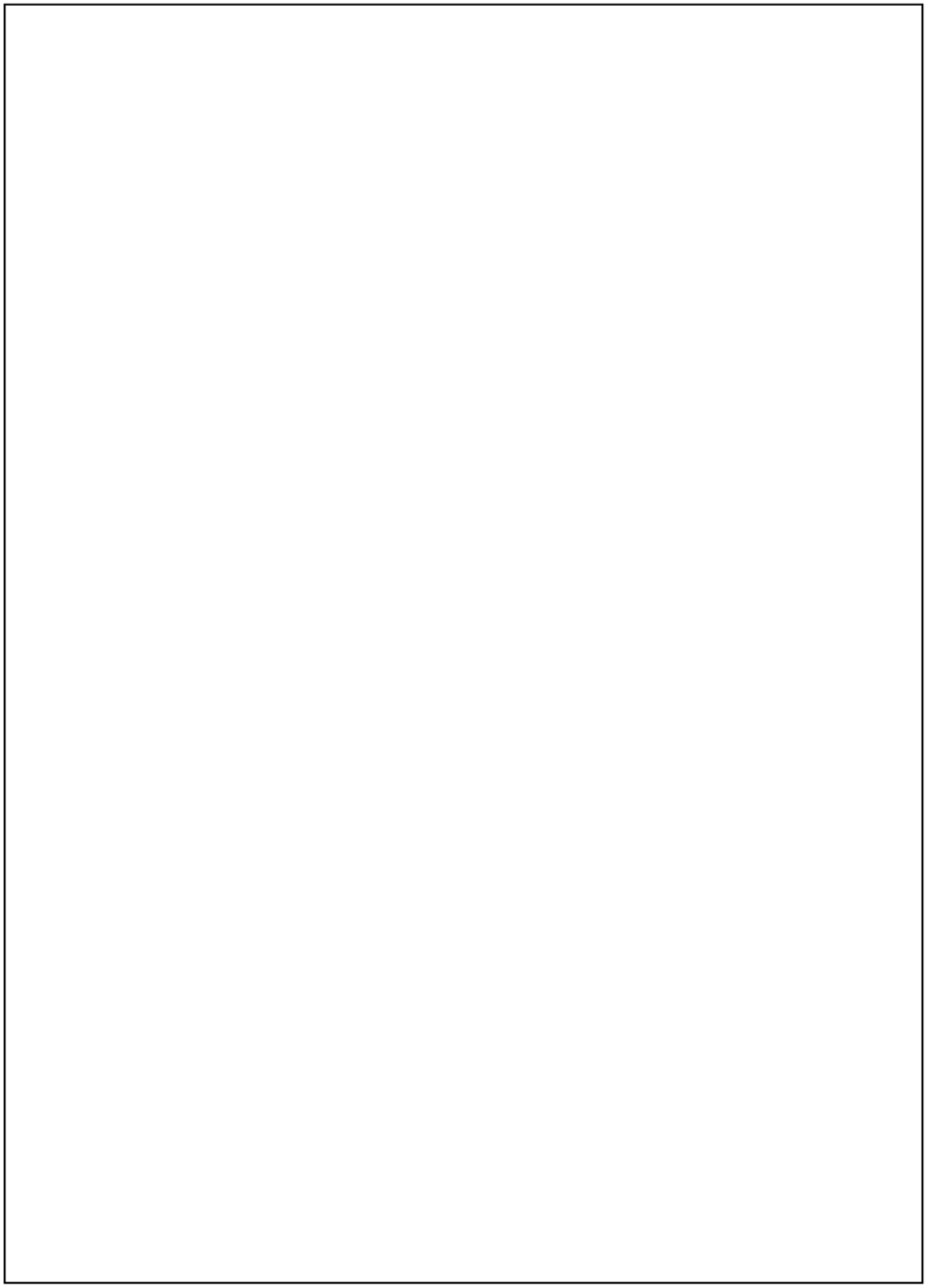

B200: 16:43 - 16:55 UTC
40.828, -96.39
Pressure Altitude (kft)
14
12
10
8
6
4
2
100 200 300 400 500
O3 (ppbv)
1 2 3 4
H2O (g/kg)
20 25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:34 - 17:43 UTC
39.231, -92.229
Pressure Altitude (kft)
14
12
10
8
45 50 55 60 65
O3 (ppbv)
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: 17:57 - 18:05 UTC
38.321, -90.743
Pressure Altitude (kft)
7
6
5
4
3
46 48 50 52 54 56
O3 (ppbv)
3.0 4.0 5.0 6.0
H2O (g/kg)
24 26 28 30
Θ (°C)
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