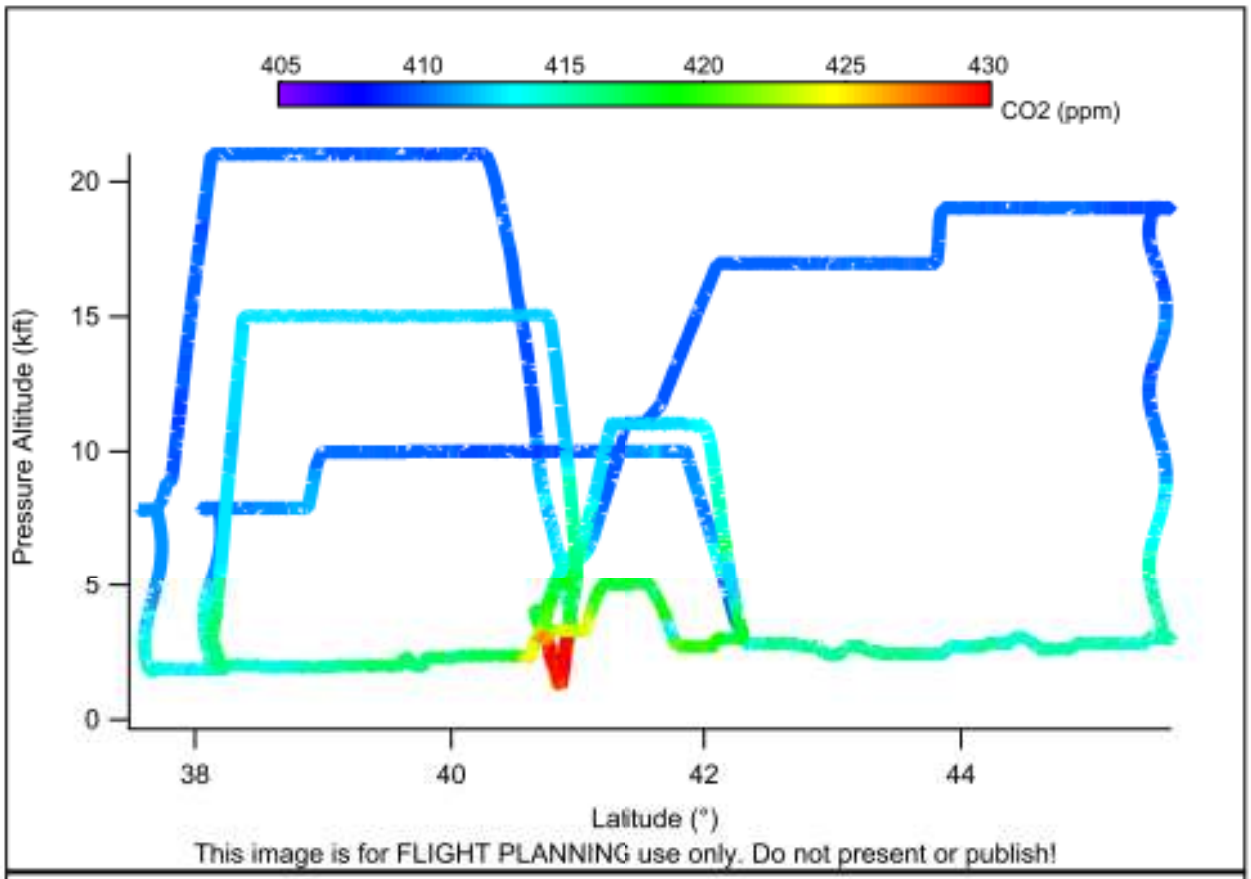
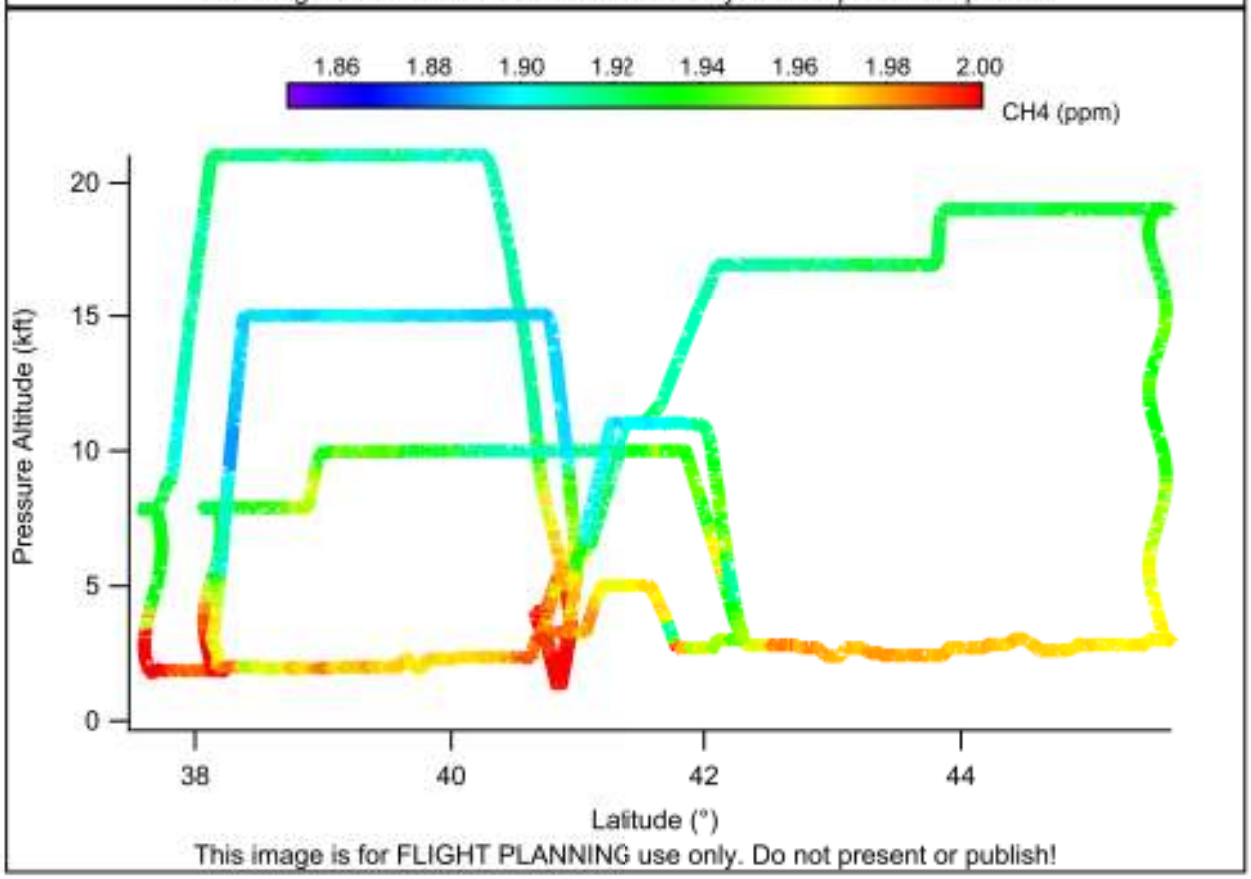
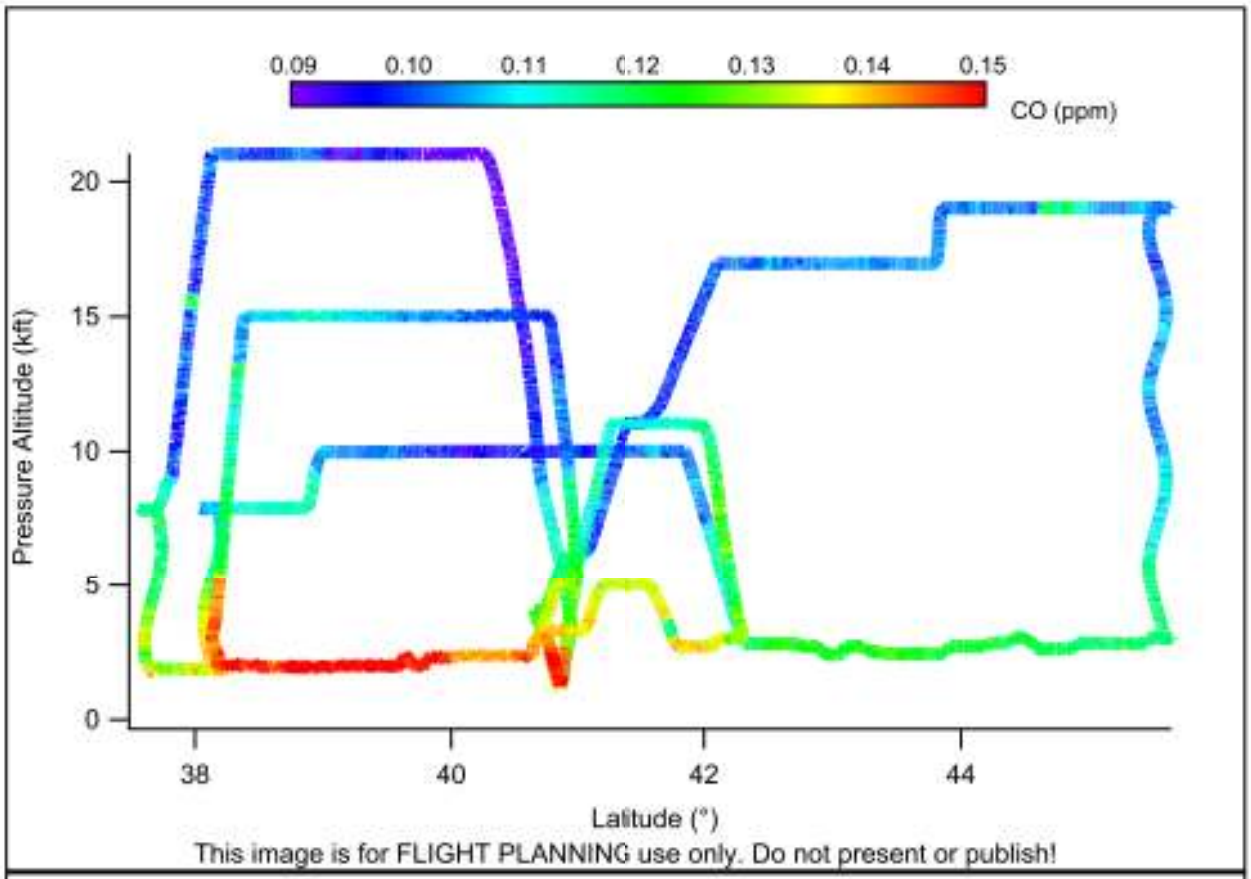
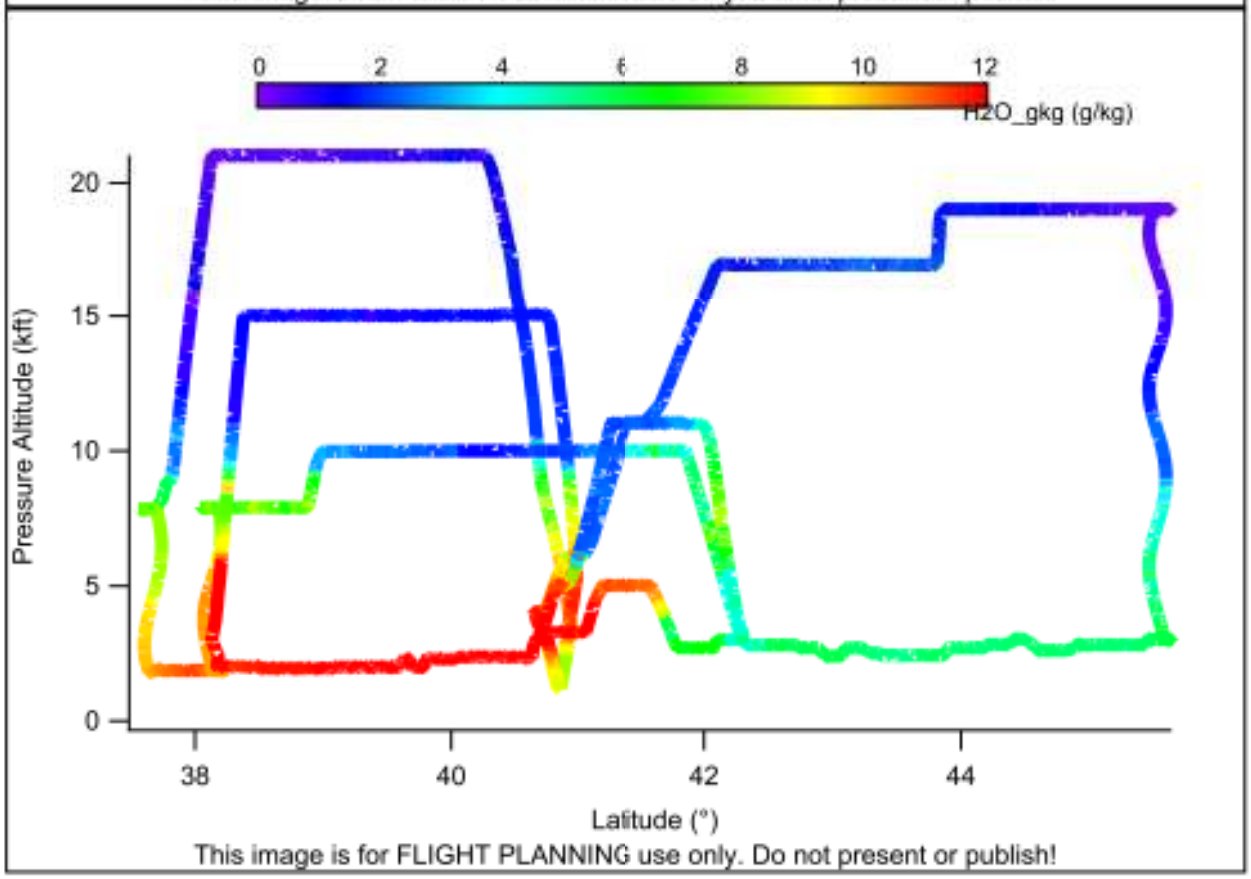
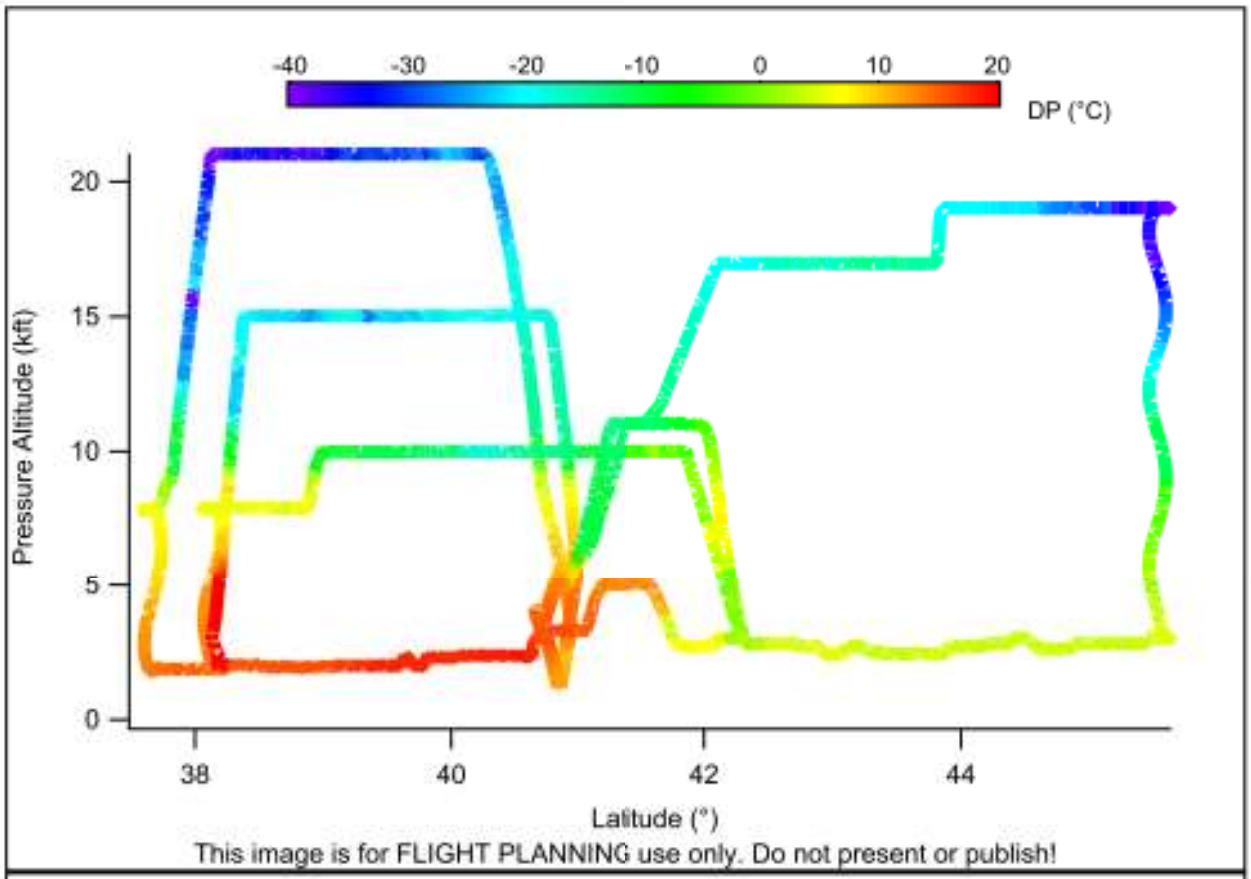
ACT-America 20180502

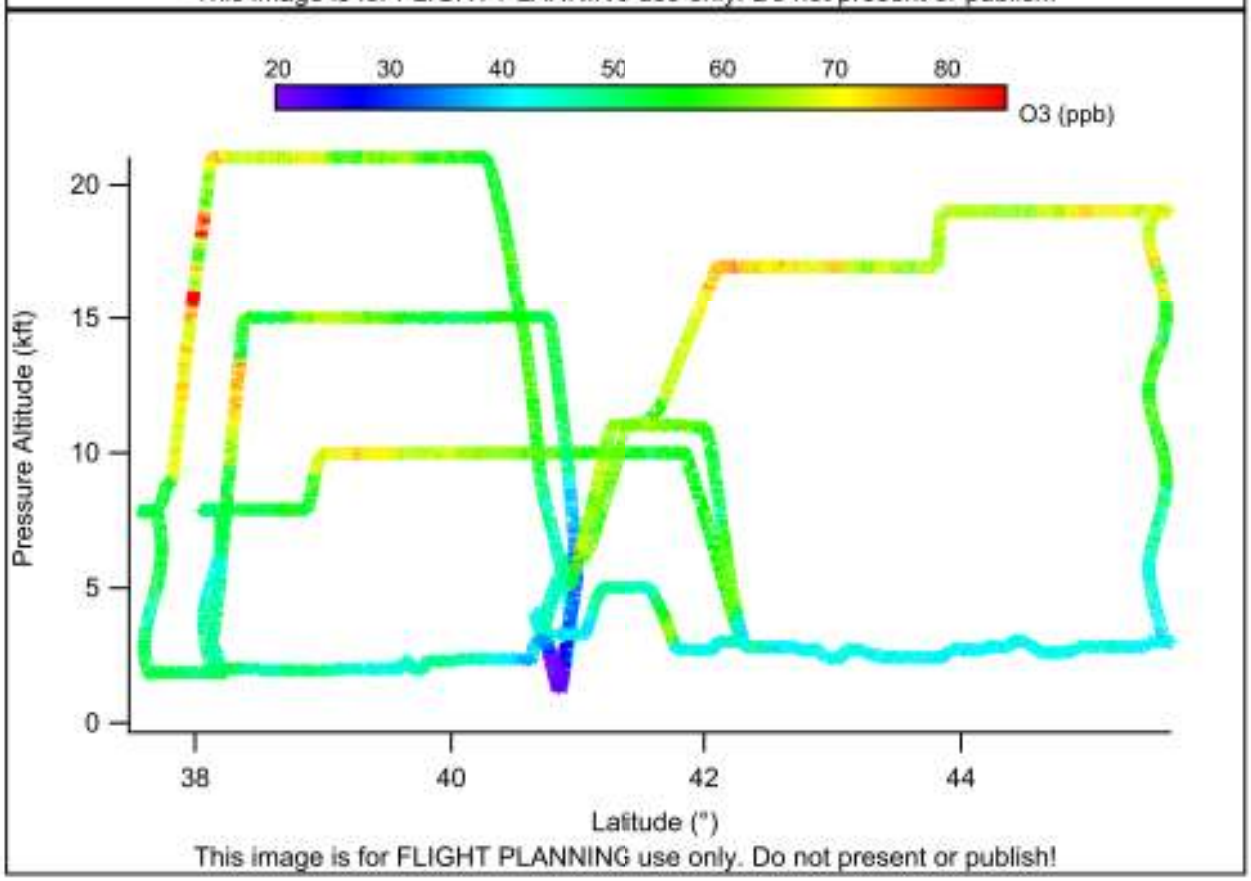

405
410
415
420
425
430
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

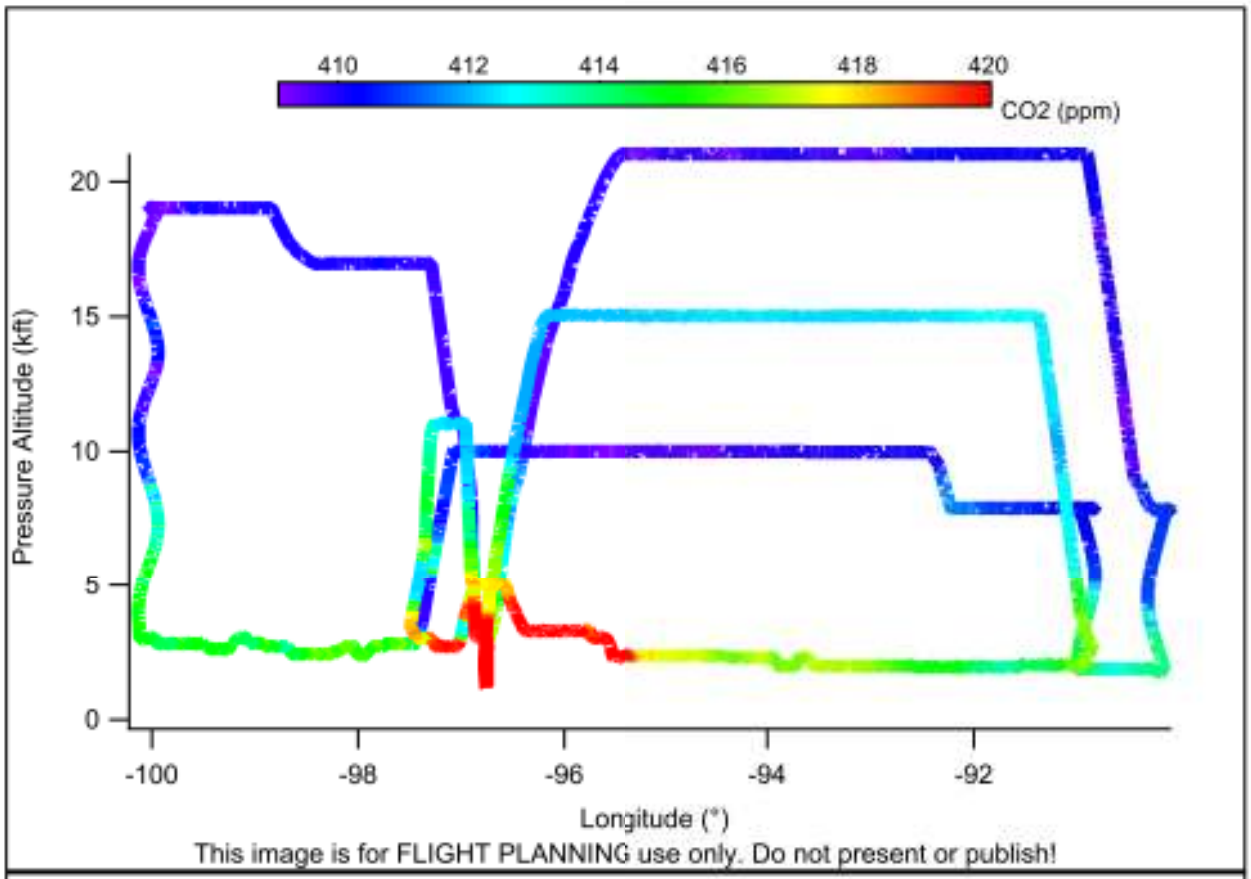

1.86
1.88
1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

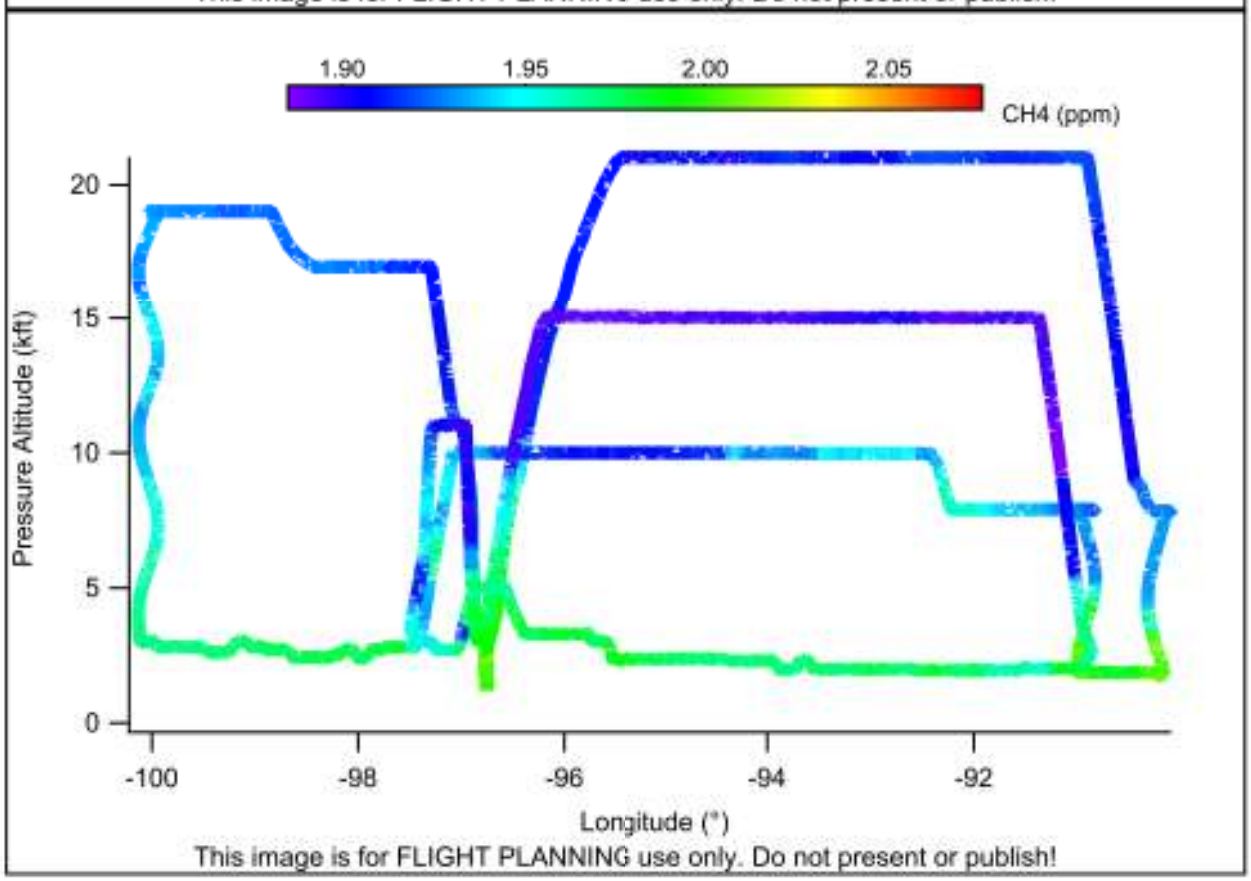

0.09
0.10
0.11
0.12
0.13
0.14
0.15
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

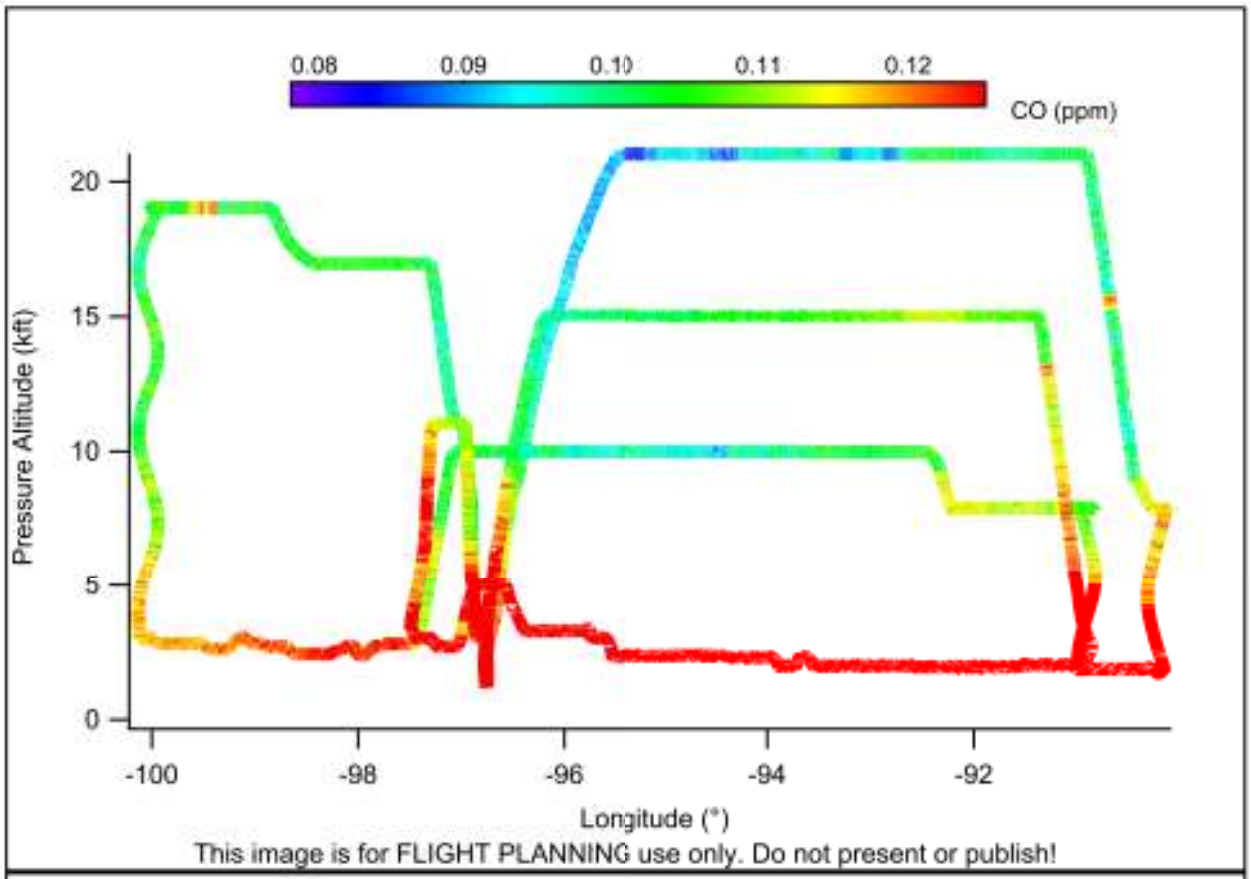

0
2
4
6
8
10
12
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

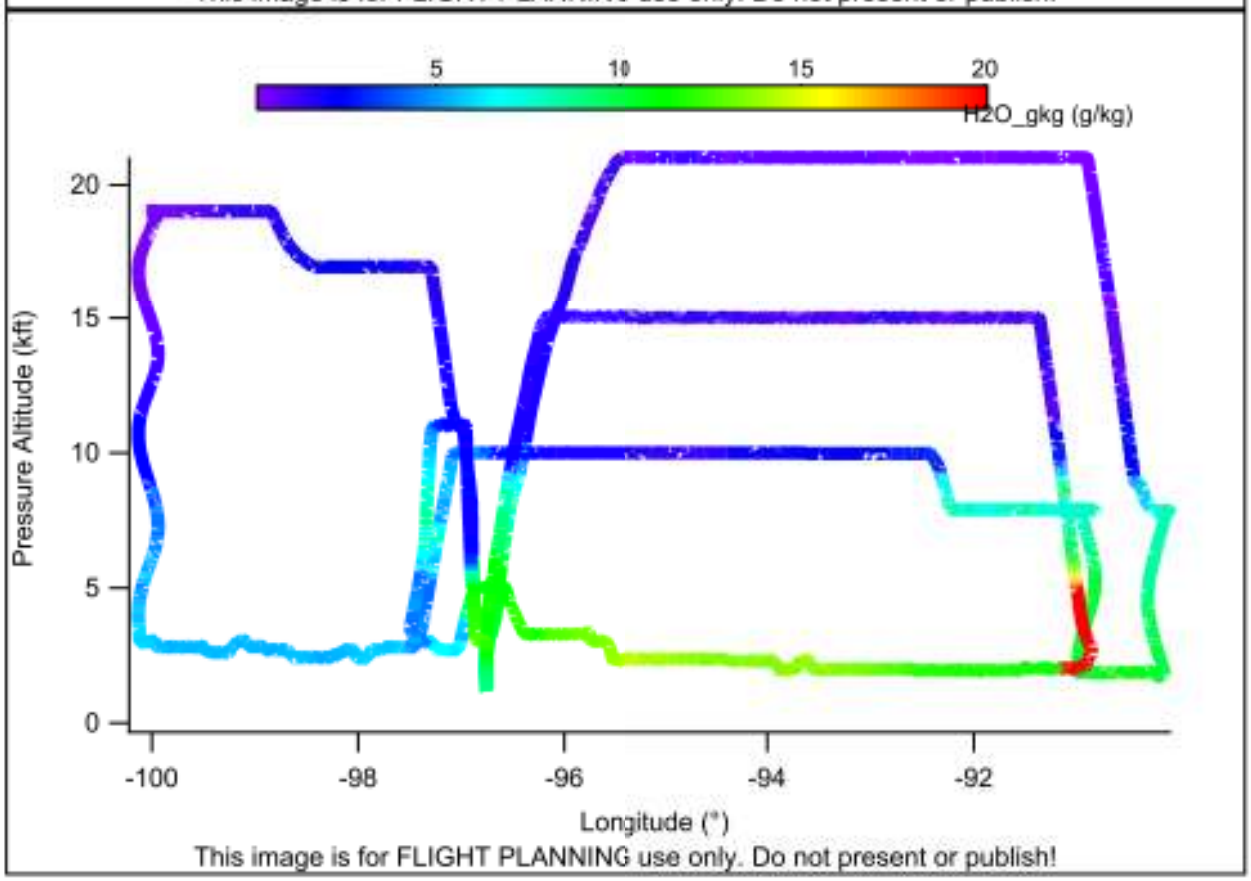

-40
-30
-20
-10
0
10
20
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

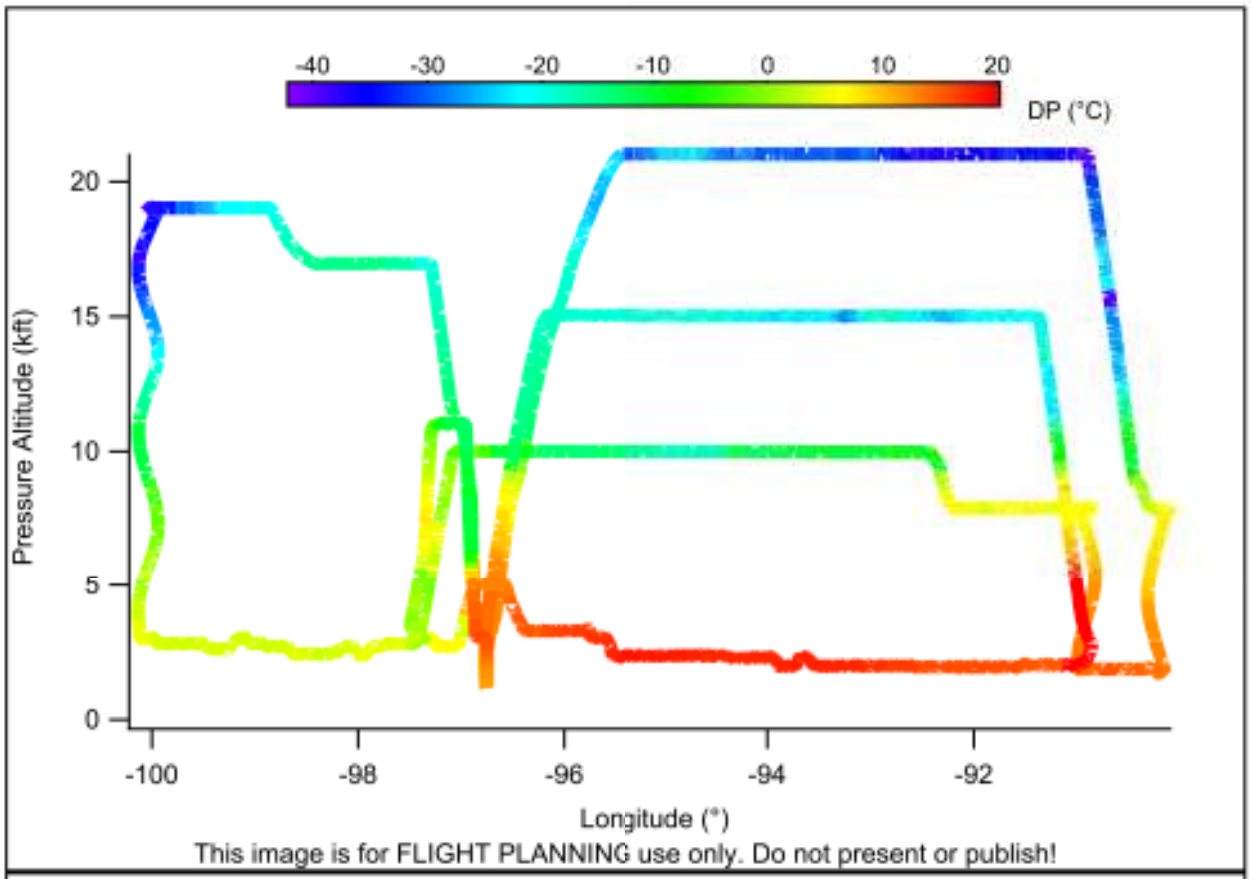

20
30
40
50
60
70
80
O3 (ppb)
Pressure Altitude (kft)
20
15
10
5
0
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

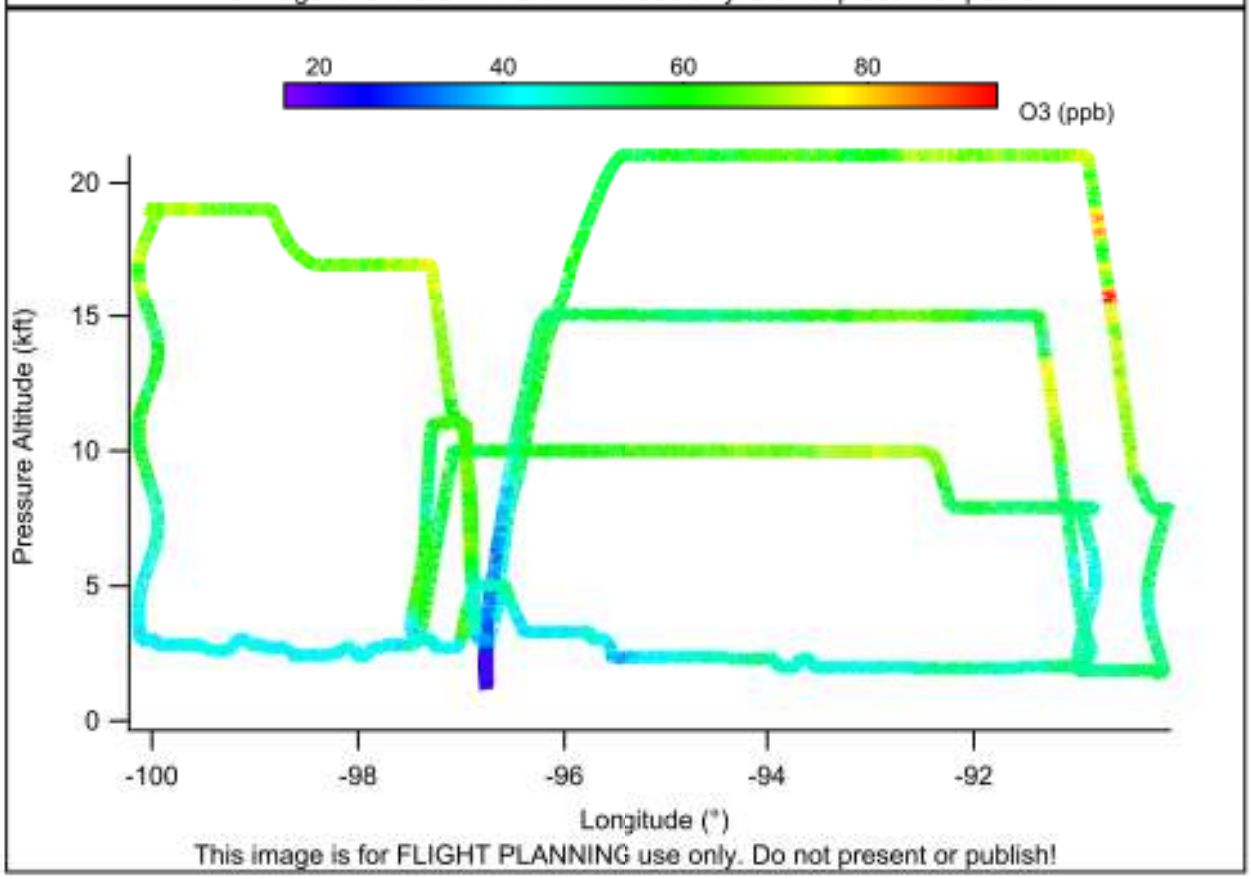

410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

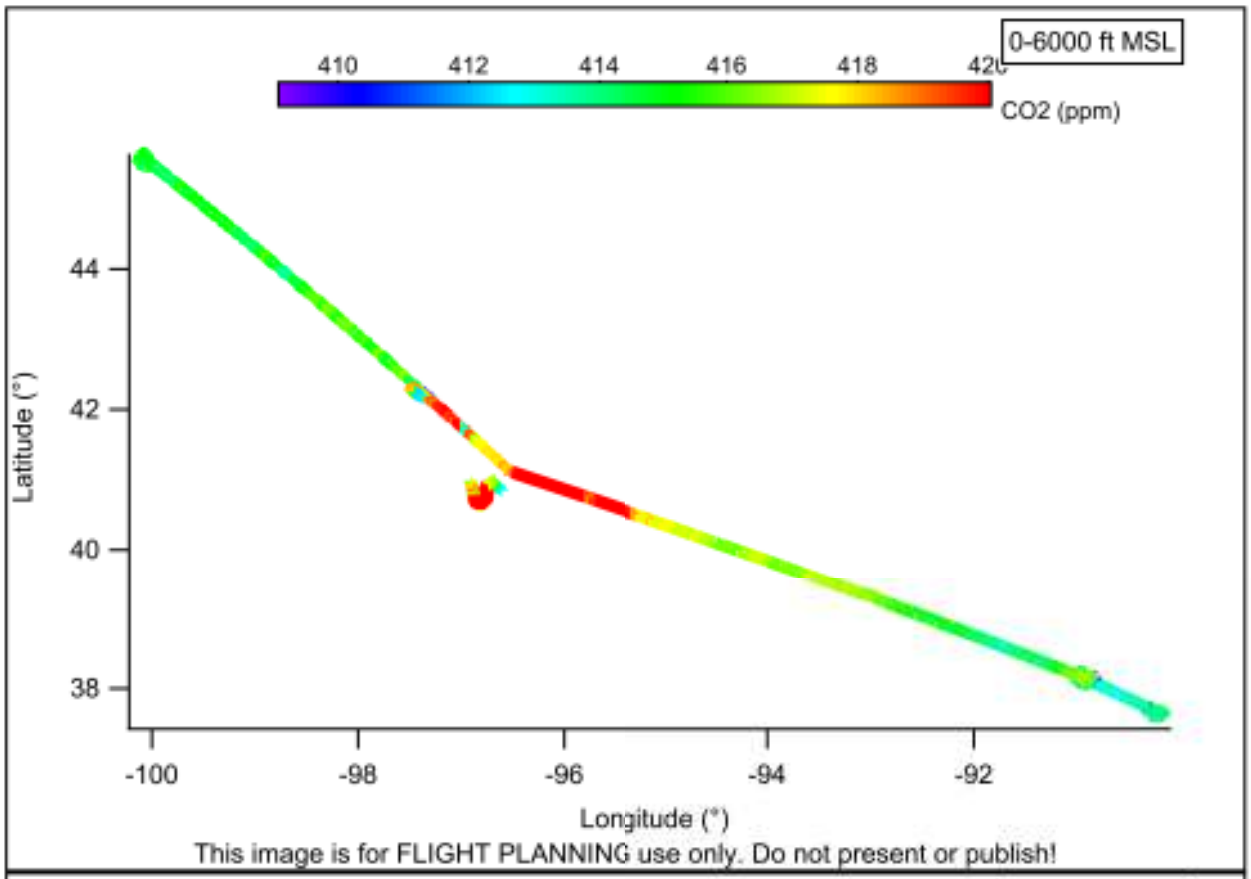

1.90
1.95
2.00
2.05
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

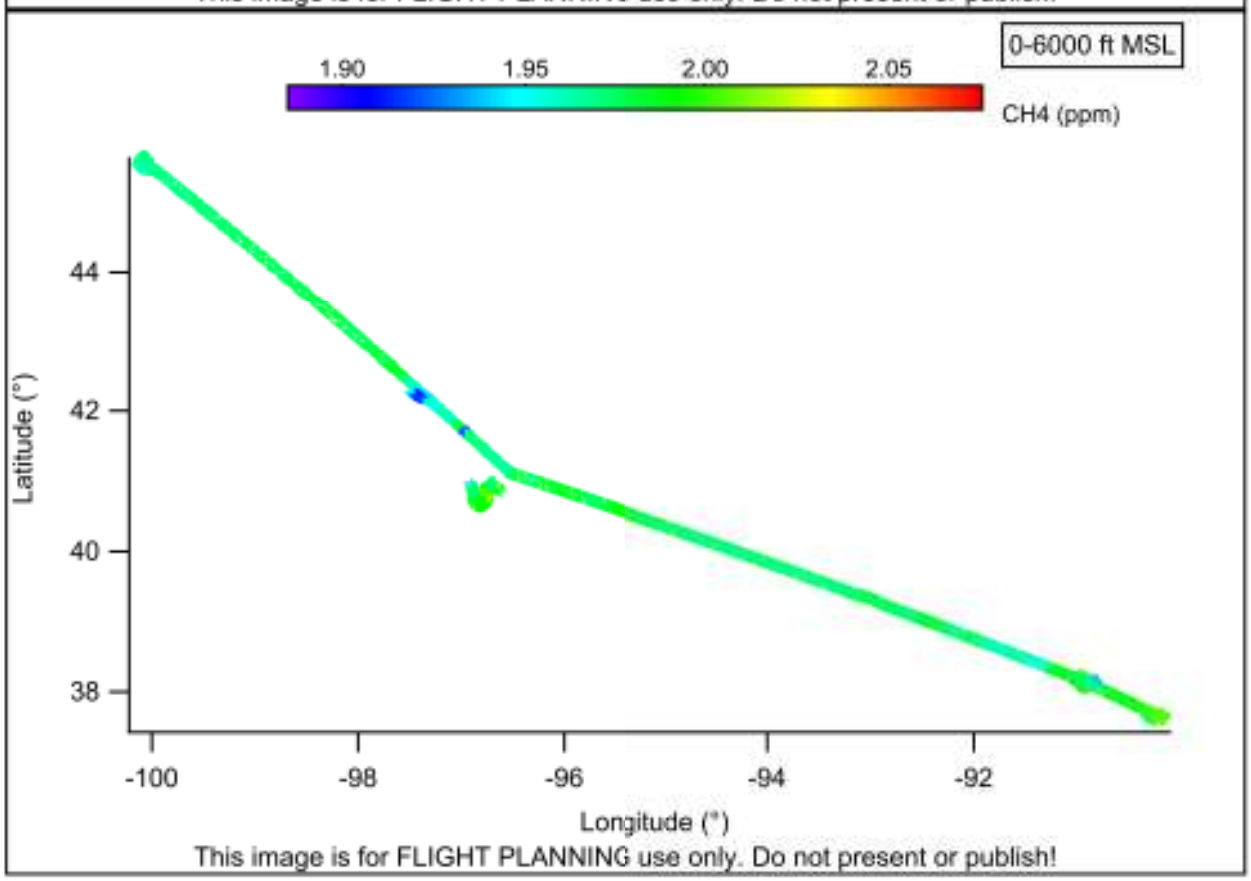

0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

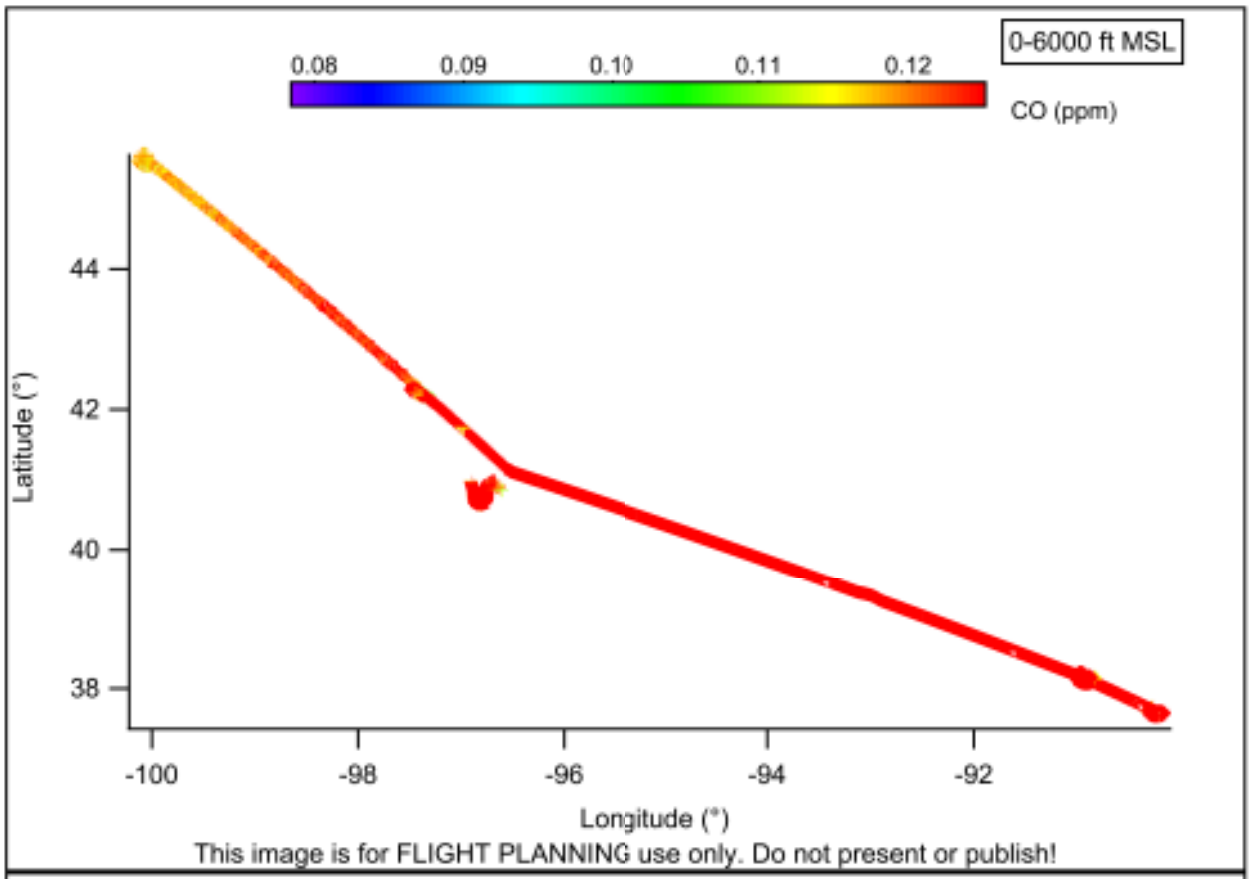

5
10
15
20
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

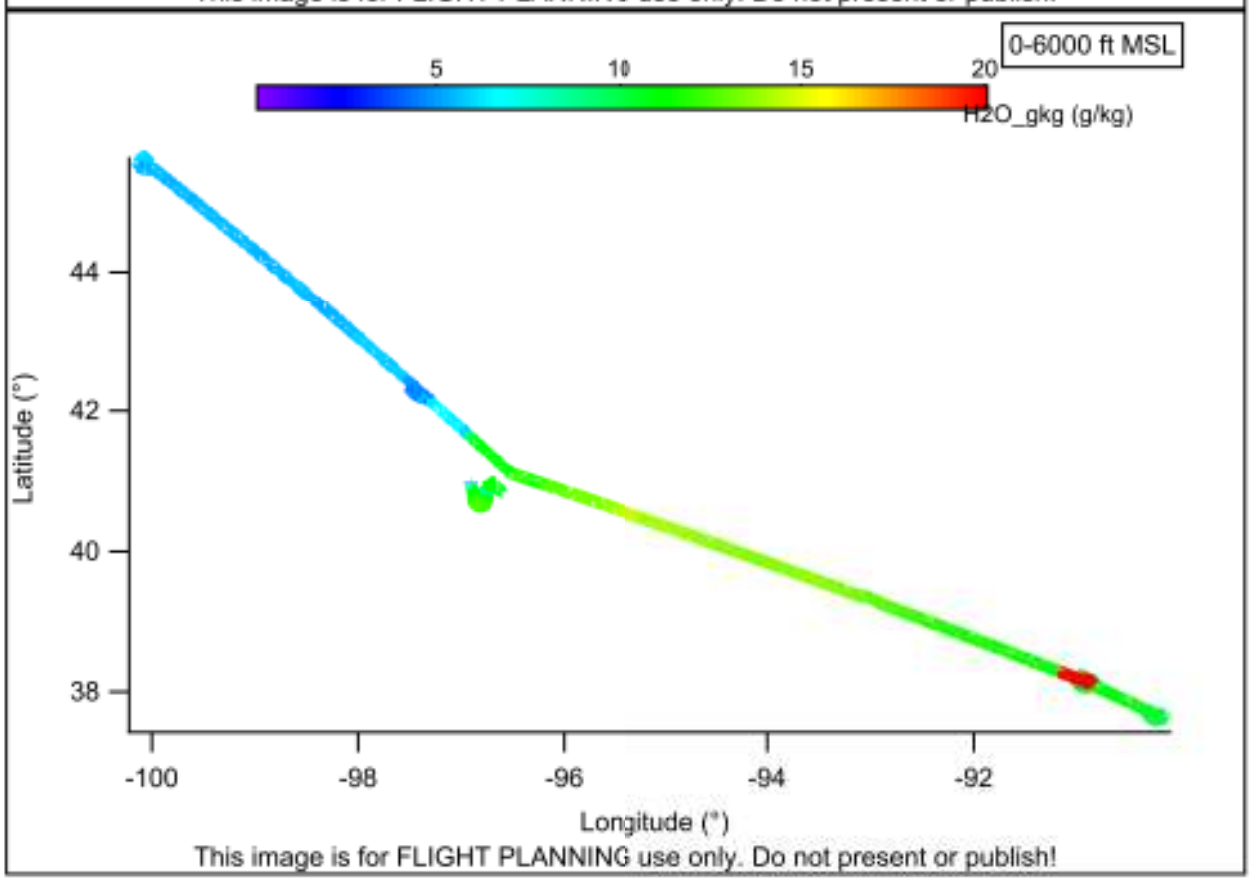

-40
-30
-20
-10
0
10
20
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

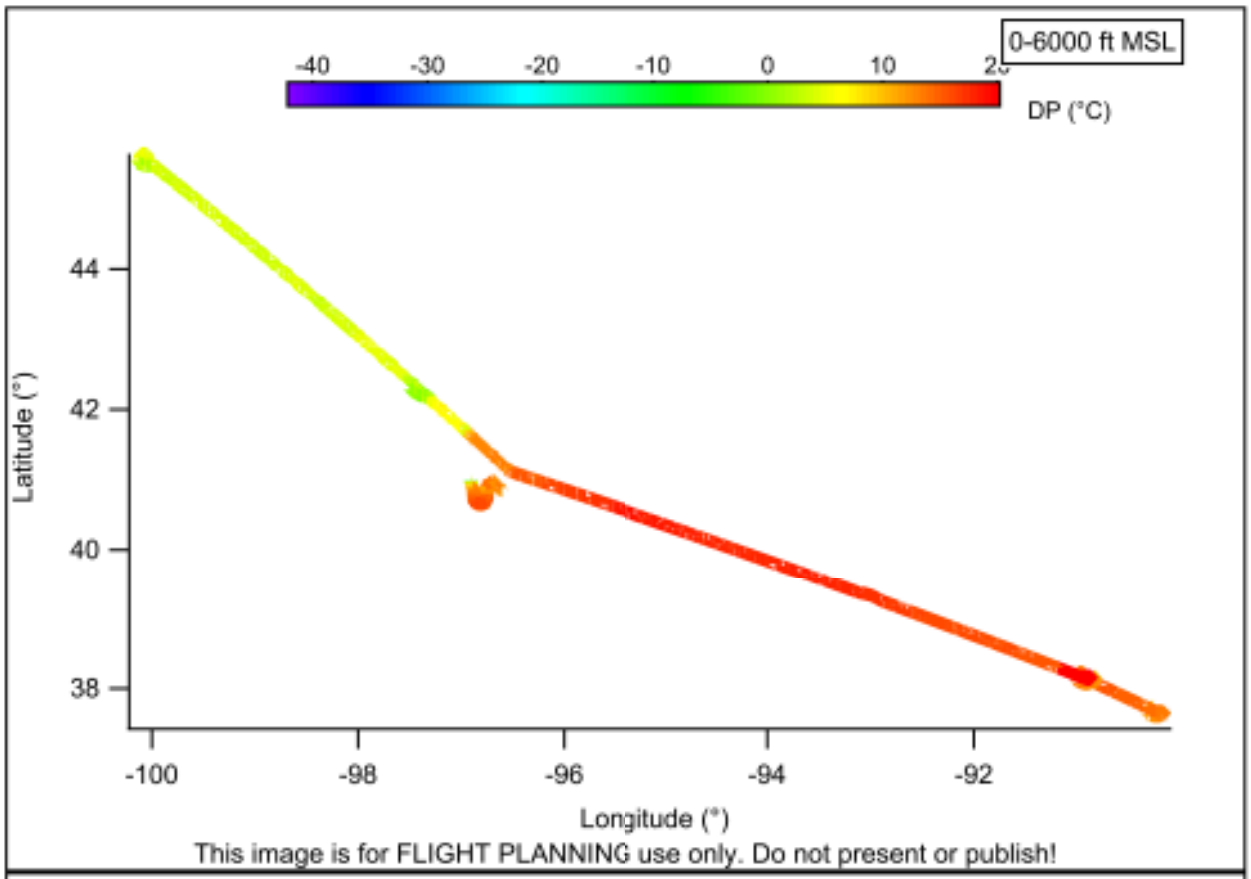

20
40
60
80
O3 (ppb)
Pressure Altitude (kft)
20
15
10
5
0
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

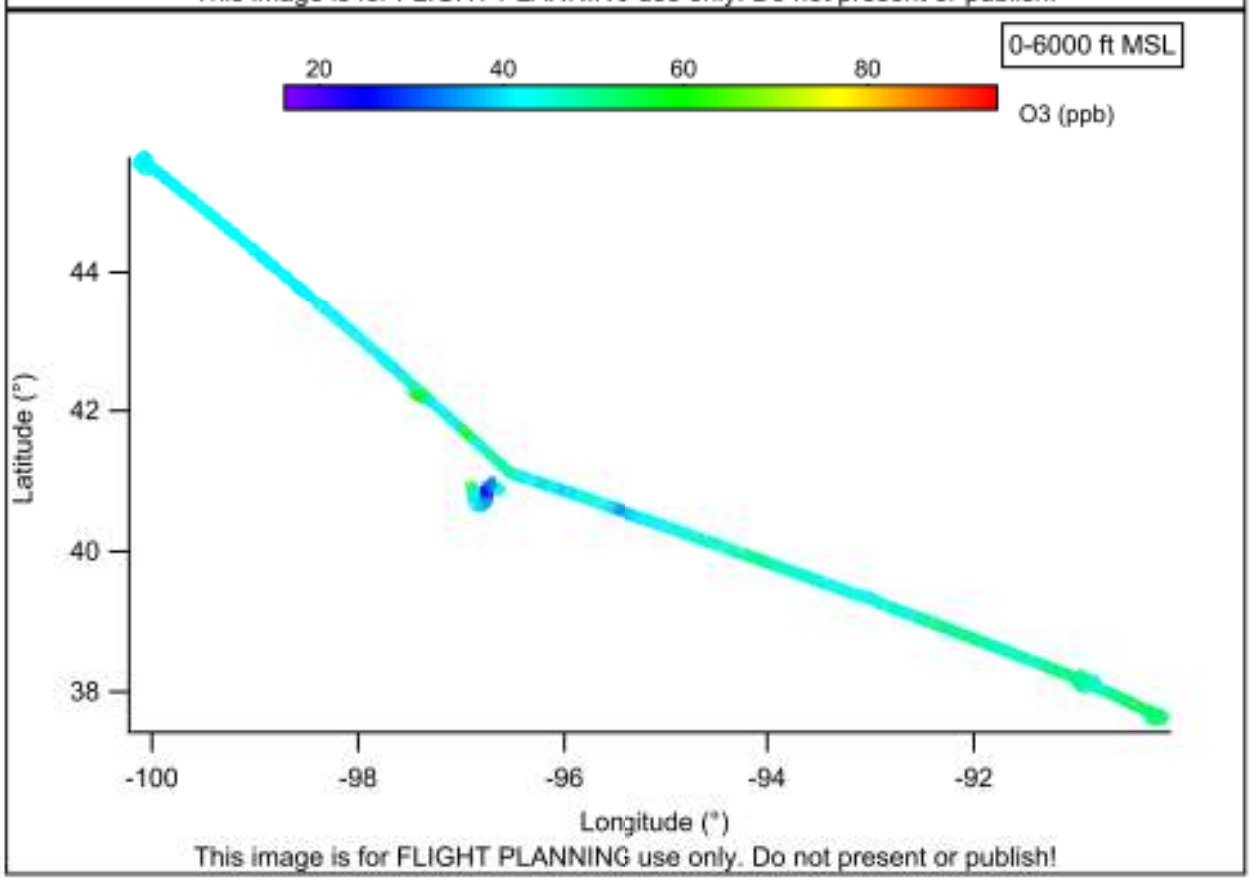

0-6000 ft MSL
410
412
414
416
418
420
CO2 (ppm)
Latitude (°)
44
42
40
38
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

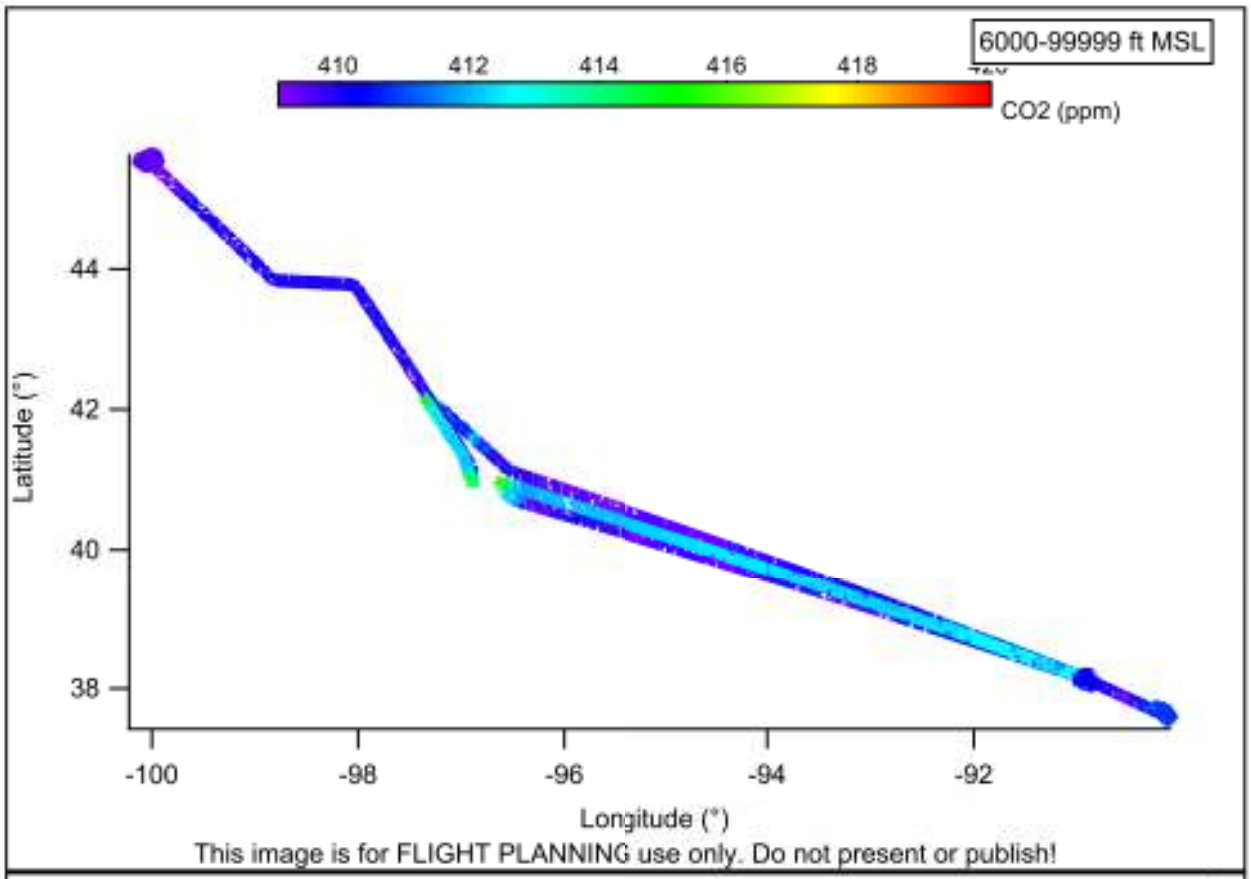

0-6000 ft MSL
1.90
1.95
2.00
2.05
CH4 (ppm)
Latitude (°)
44
42
40
38
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

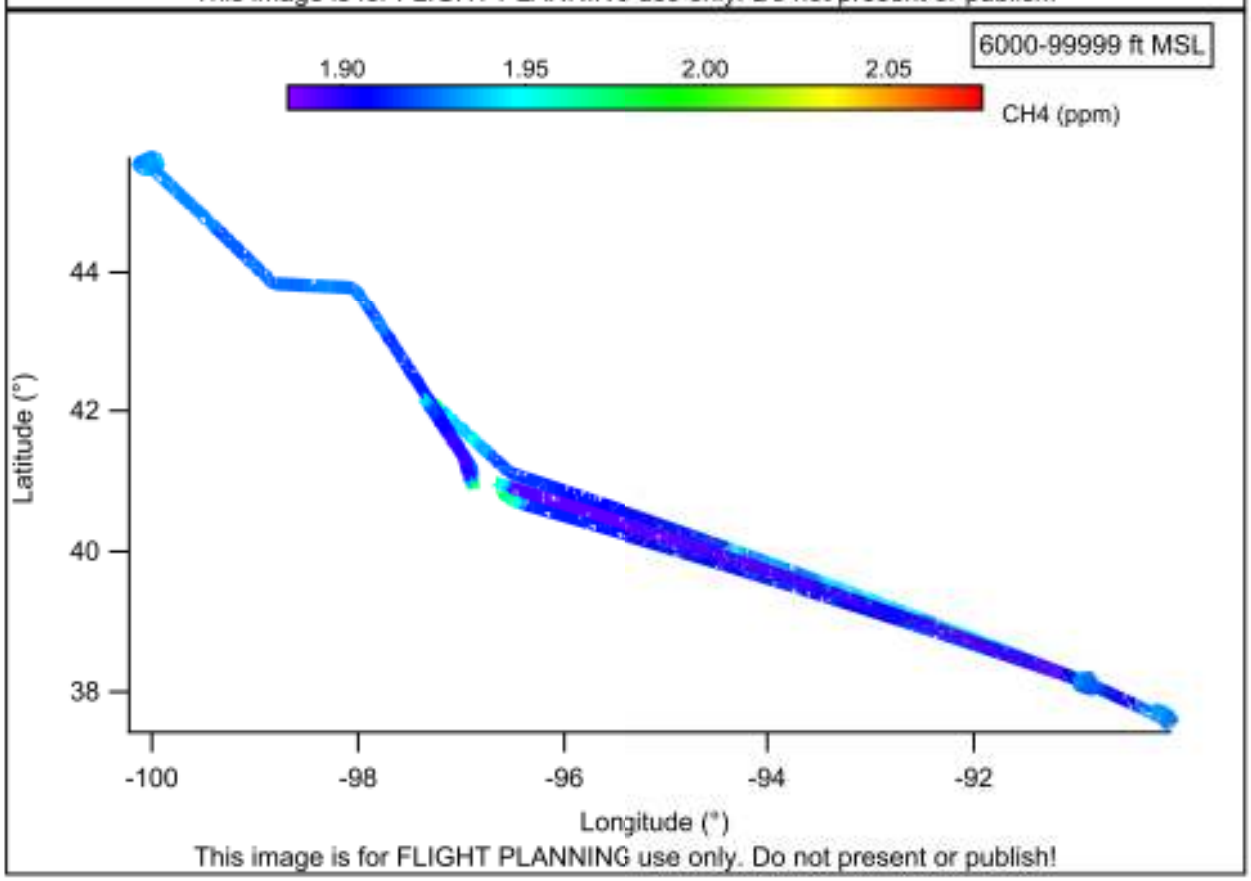

0-6000 ft MSL
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Latitude (°)
44
42
40
38
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

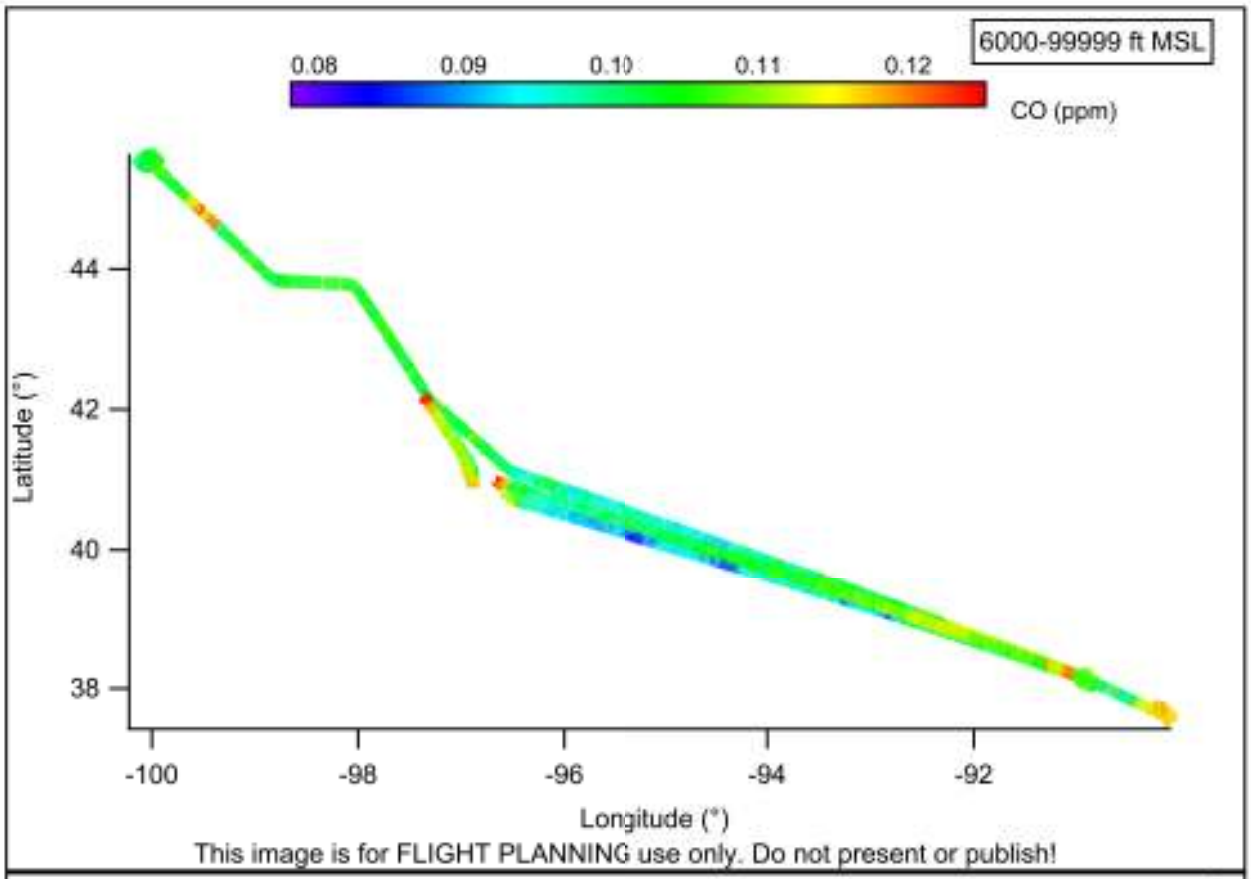

0-6000 ft MSL
5
10
15
20
H2O_gkg (g/kg)
Latitude (°)
44
42
40
38
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

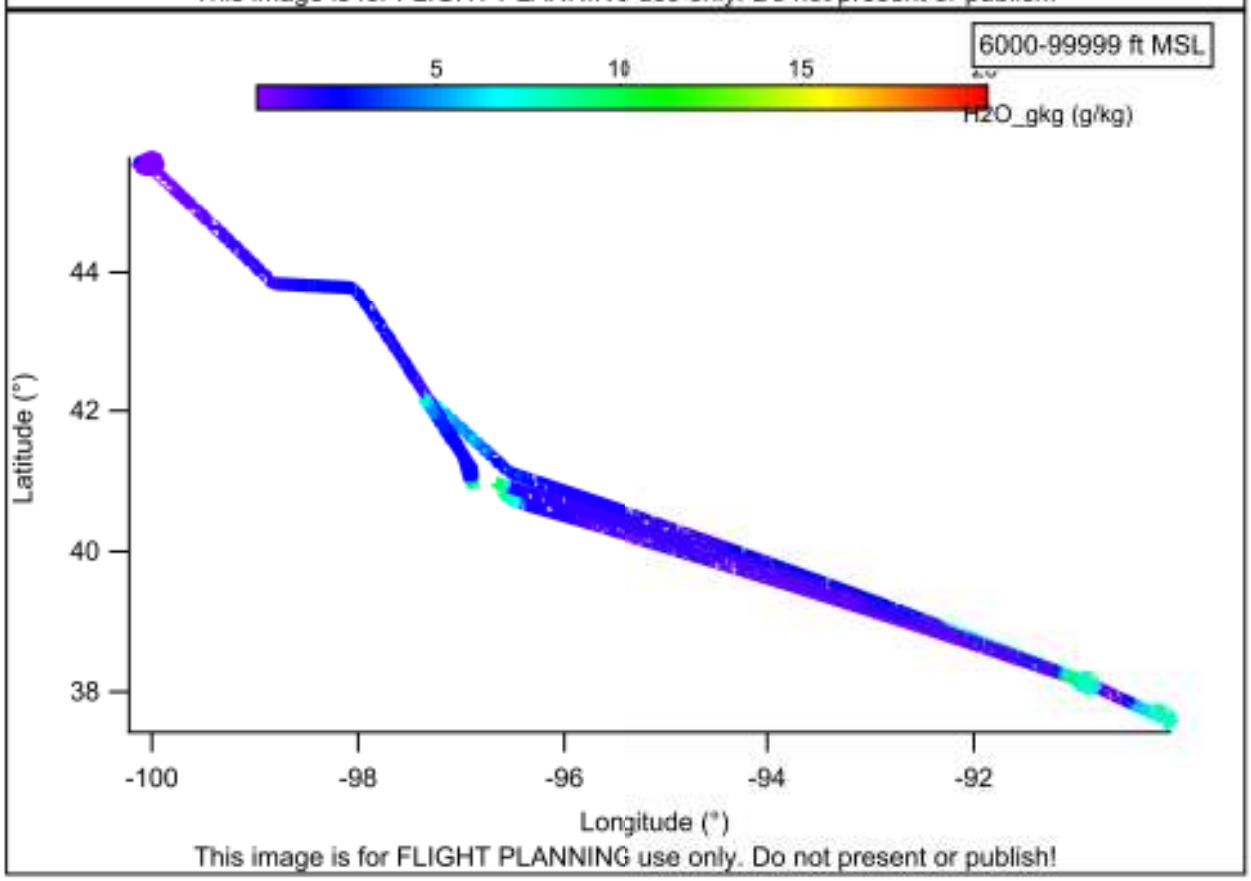

0-6000 ft MSL
-40
-30
-20
-10
0
10
DP (°C)
44
42
40
38
Latitude (°)
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

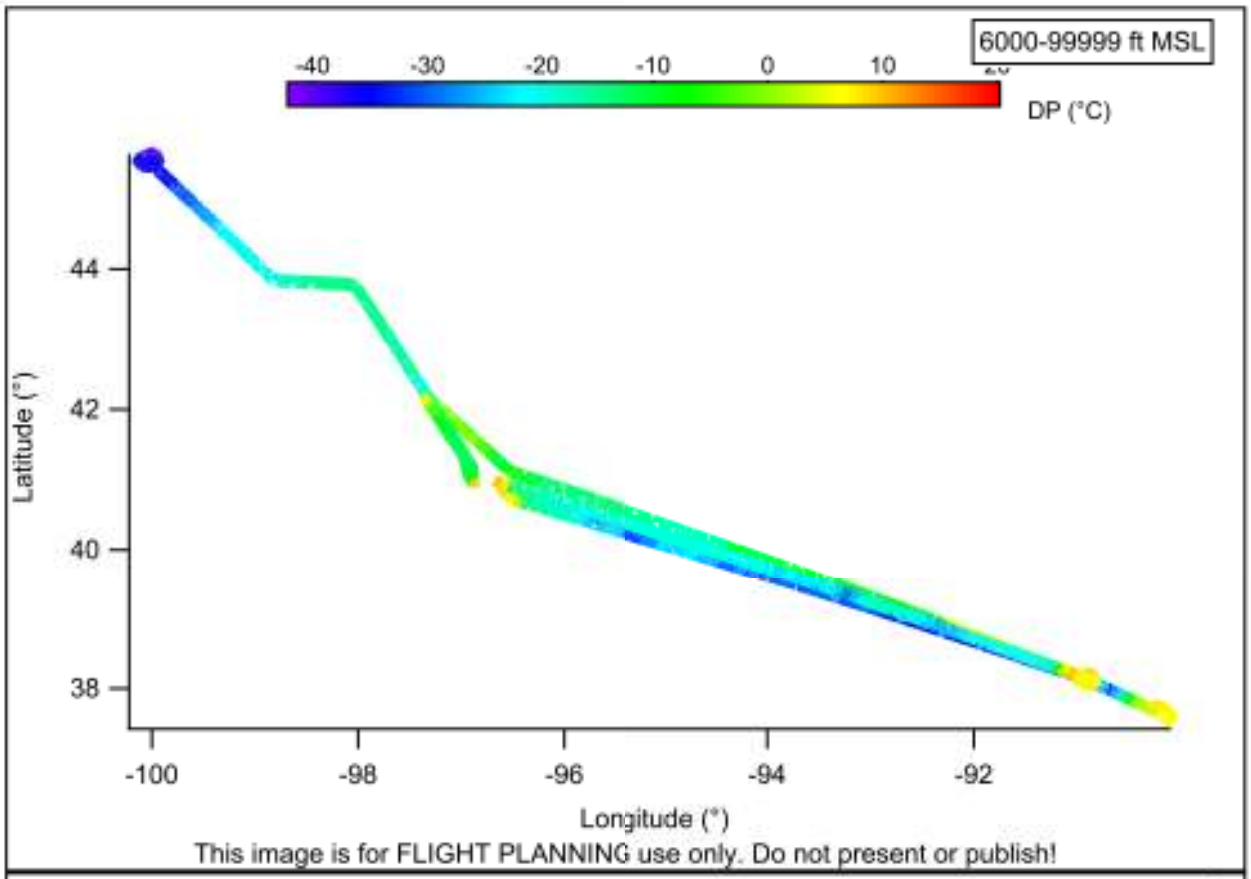

0-6000 ft MSL
20
40
60
80
O3 (ppb)
44
42
40
38
Latitude (°)
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

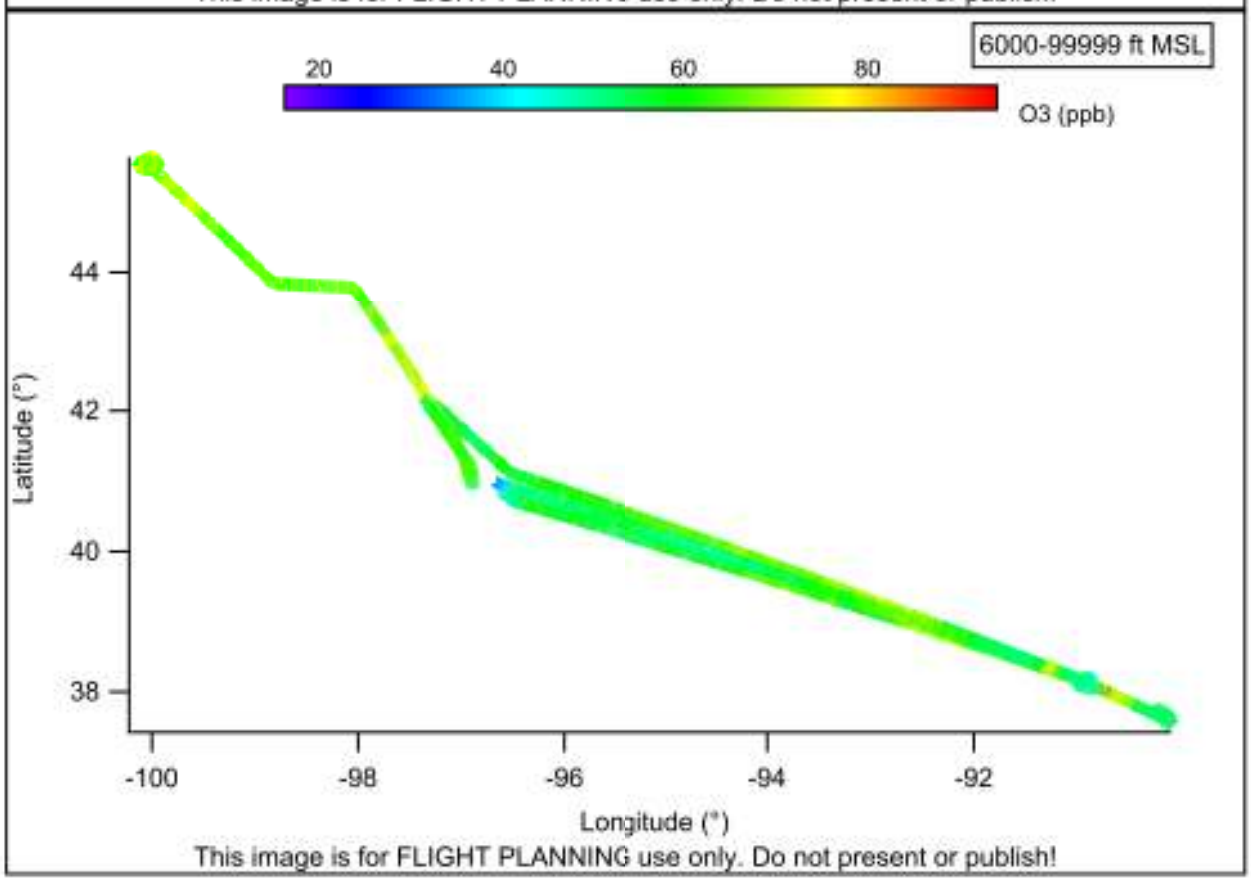

6000-99999 ft MSL
410
412
414
416
418
CO2 (ppm)
44
42
40
38
Latitude (°)
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

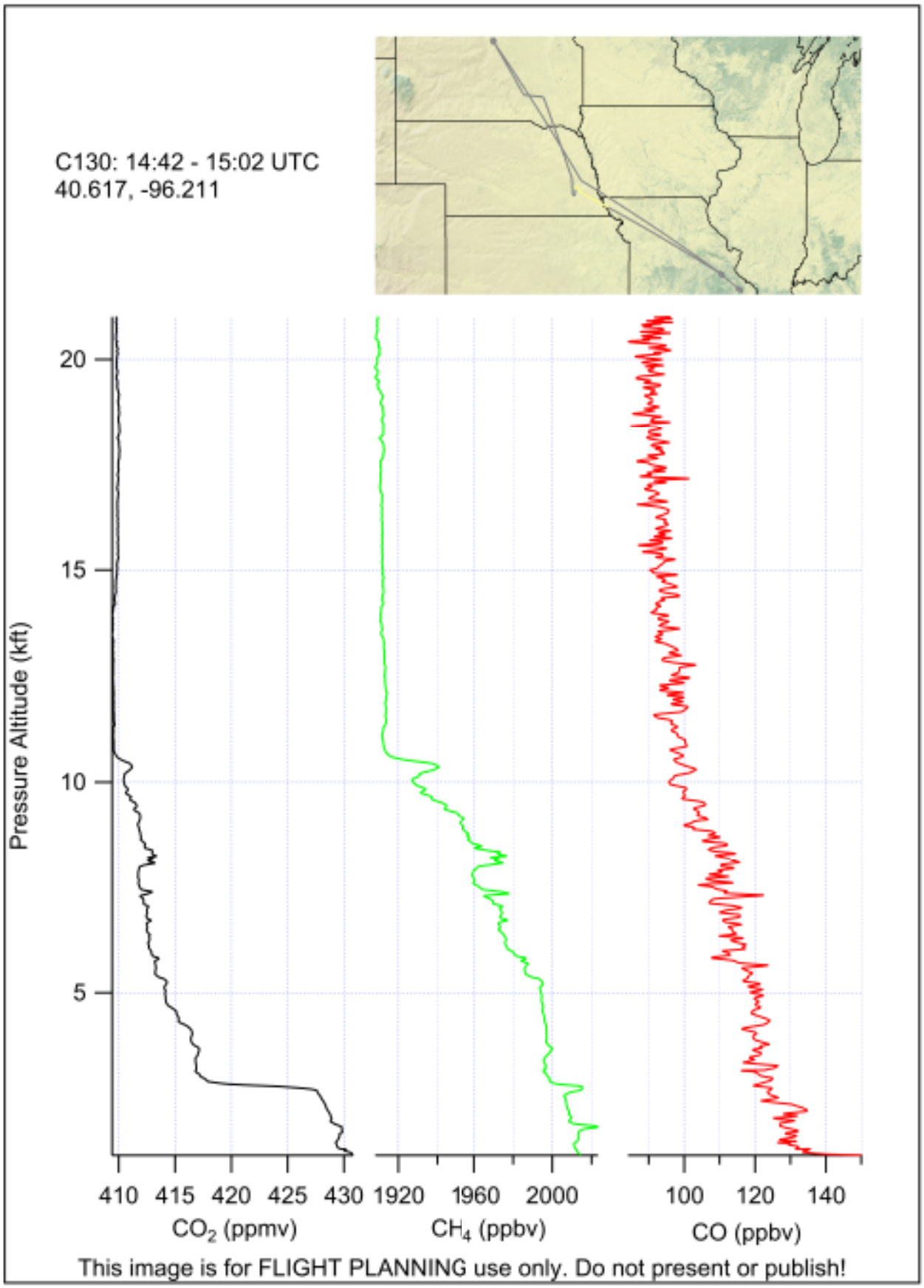

6000-99999 ft MSL
1.90
1.95
2.00
2.05
CH4 (ppm)
44
42
40
38
Latitude (°)
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

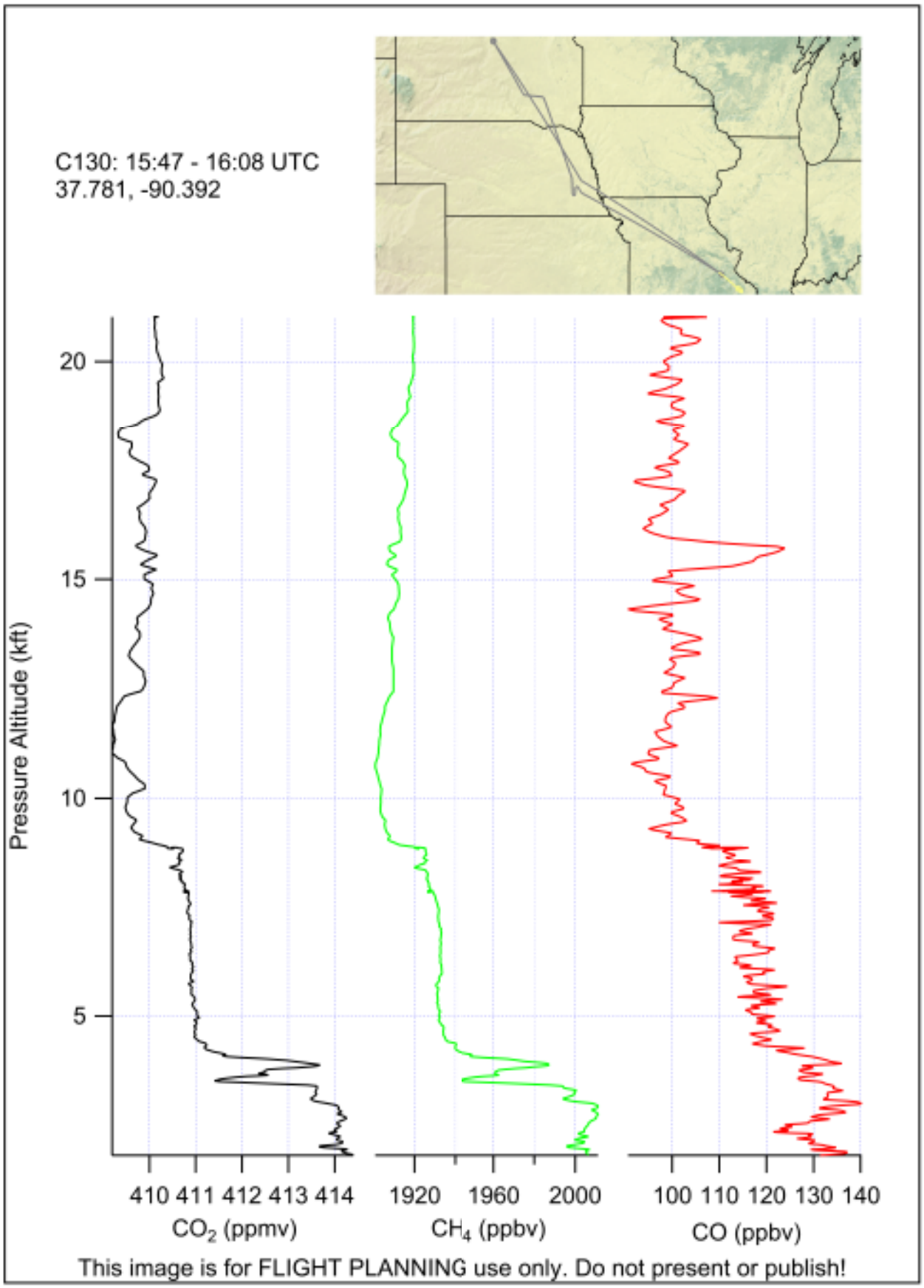

6000-99999 ft MSL
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Latitude (°)
44
42
40
38
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

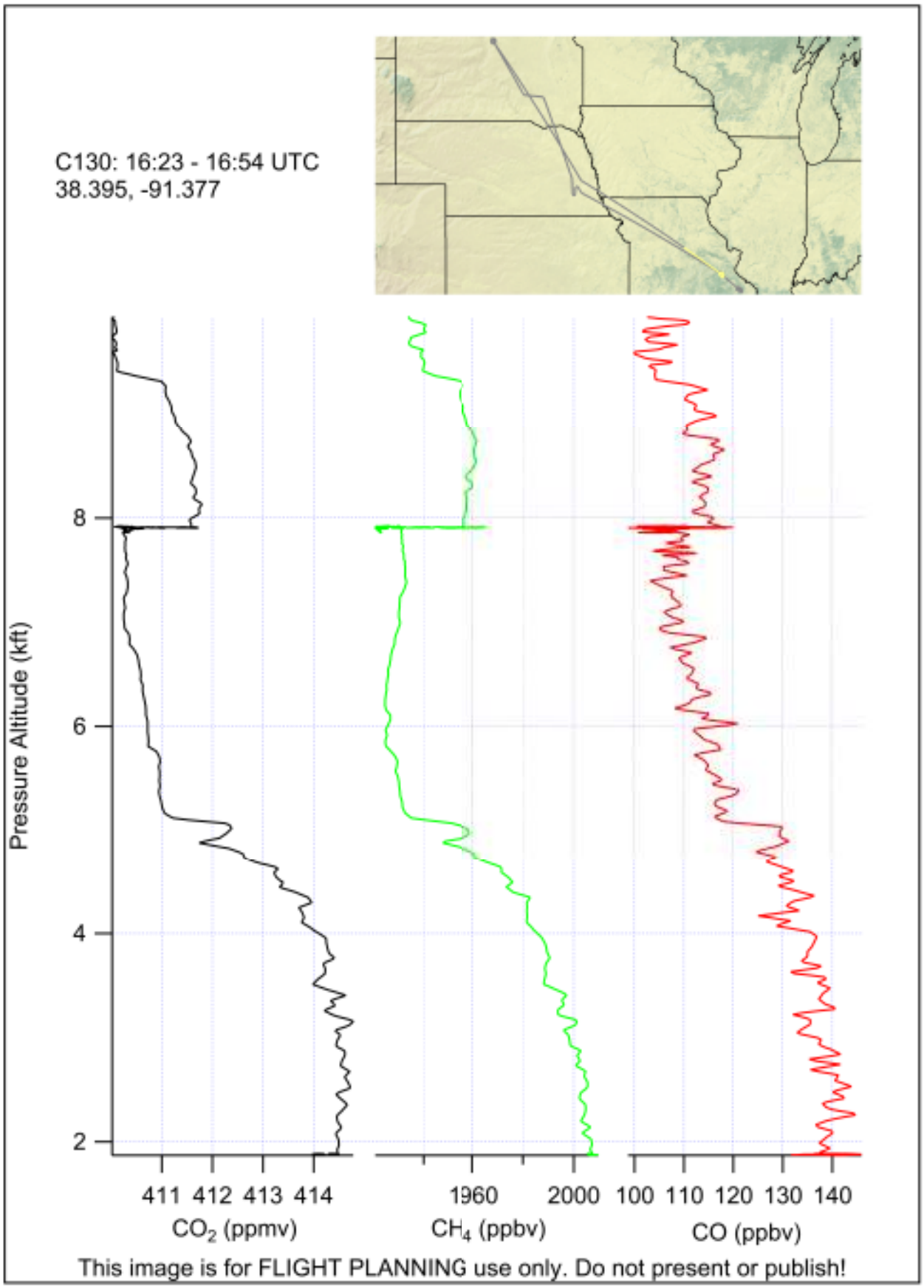

6000-99999 ft MSL
5
10
15
H2O_gkg (g/kg)
Latitude (°)
44
42
40
38
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

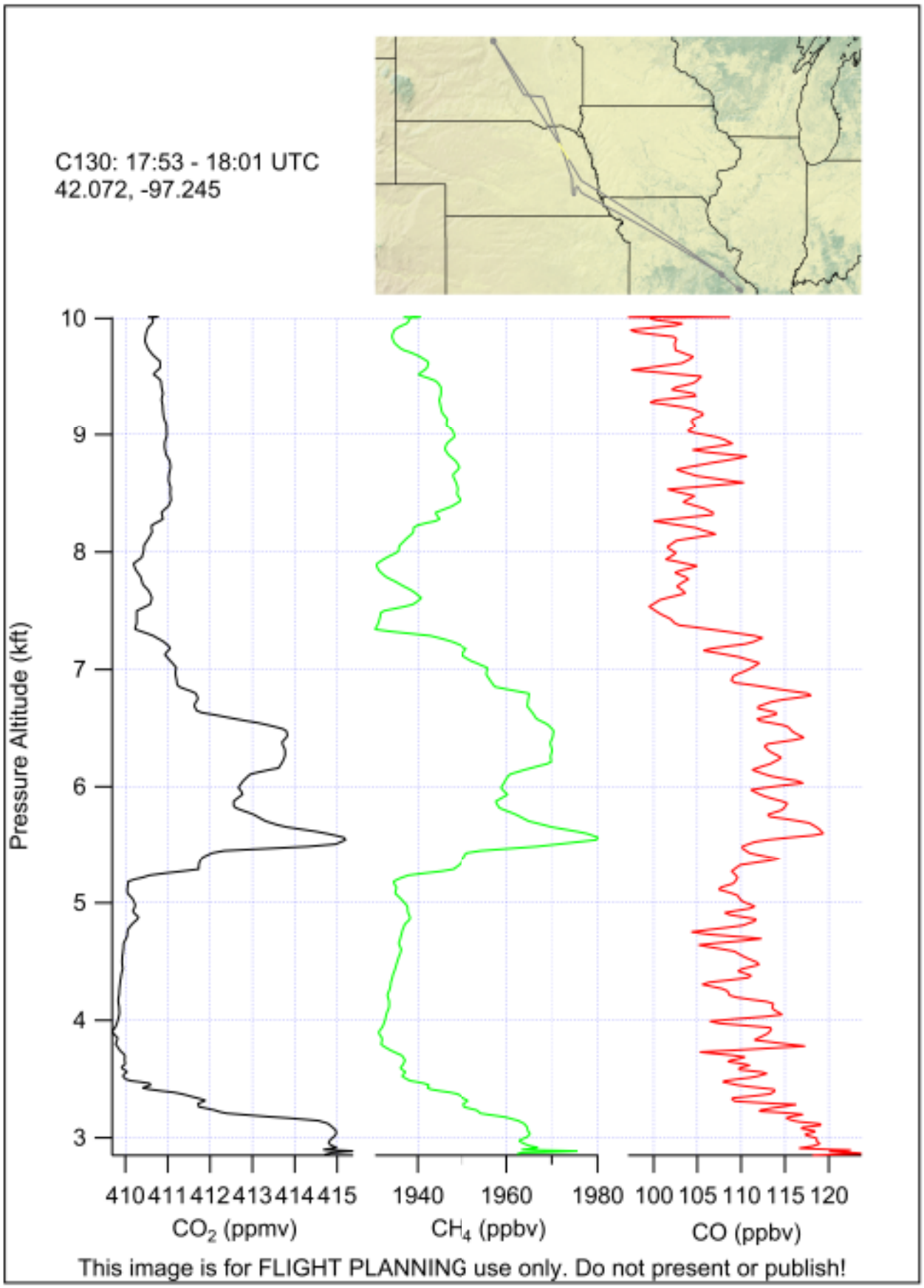

6000-99999 ft MSL
-40
-30
-20
-10
0
10
DP (°C)
44
42
40
38
Latitude (°)
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

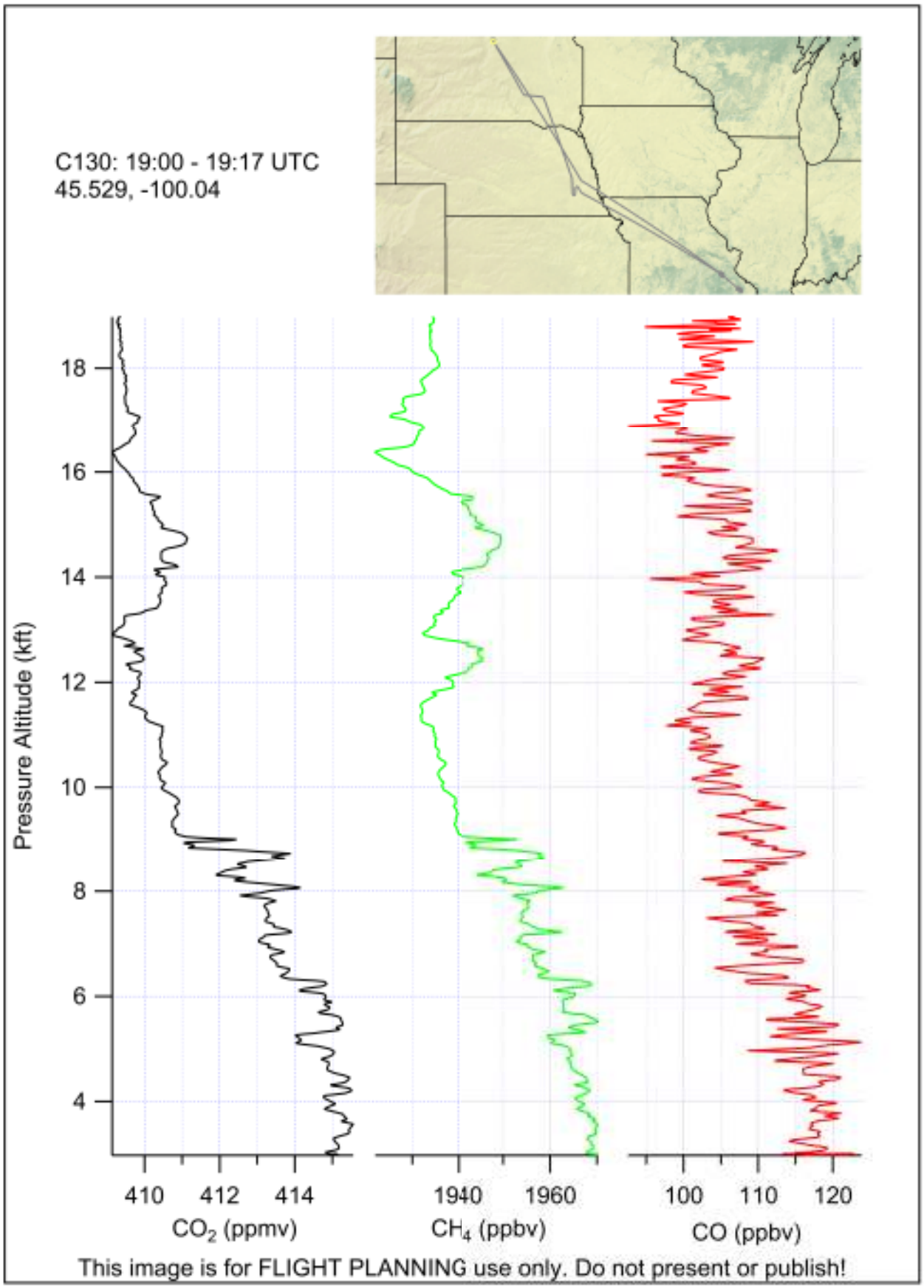

6000-99999 ft MSL
20
40
60
80
O3 (ppb)
44
42
40
38
Latitude (°)
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

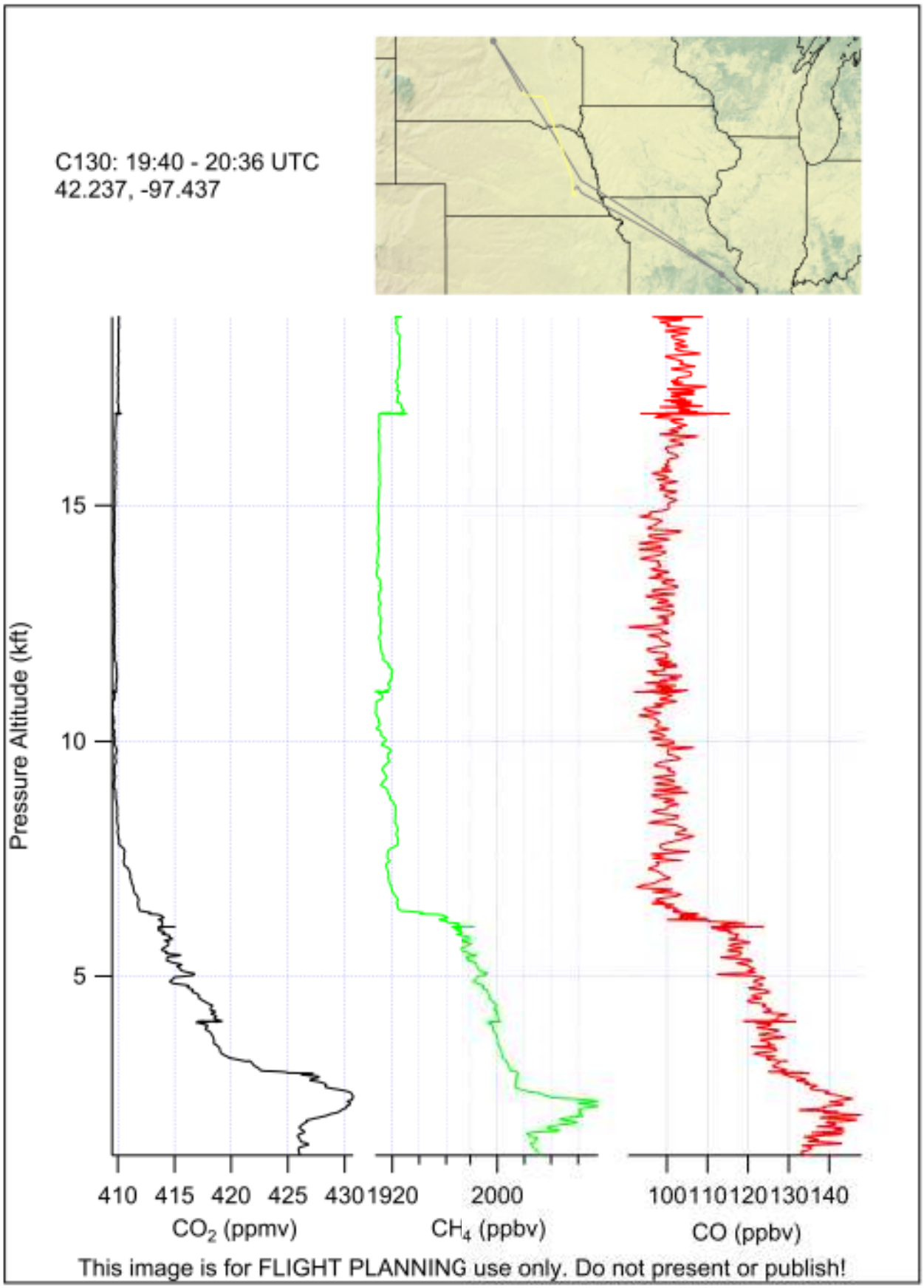

C130: 14:42 - 15:02 UTC
40.617, -96.211
Pressure Altitude (kft)
20
15
10
5
410 415 420 425 430
CO2 (ppmv)
1920 1960 2000
CH4 (ppbv)
100 120 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

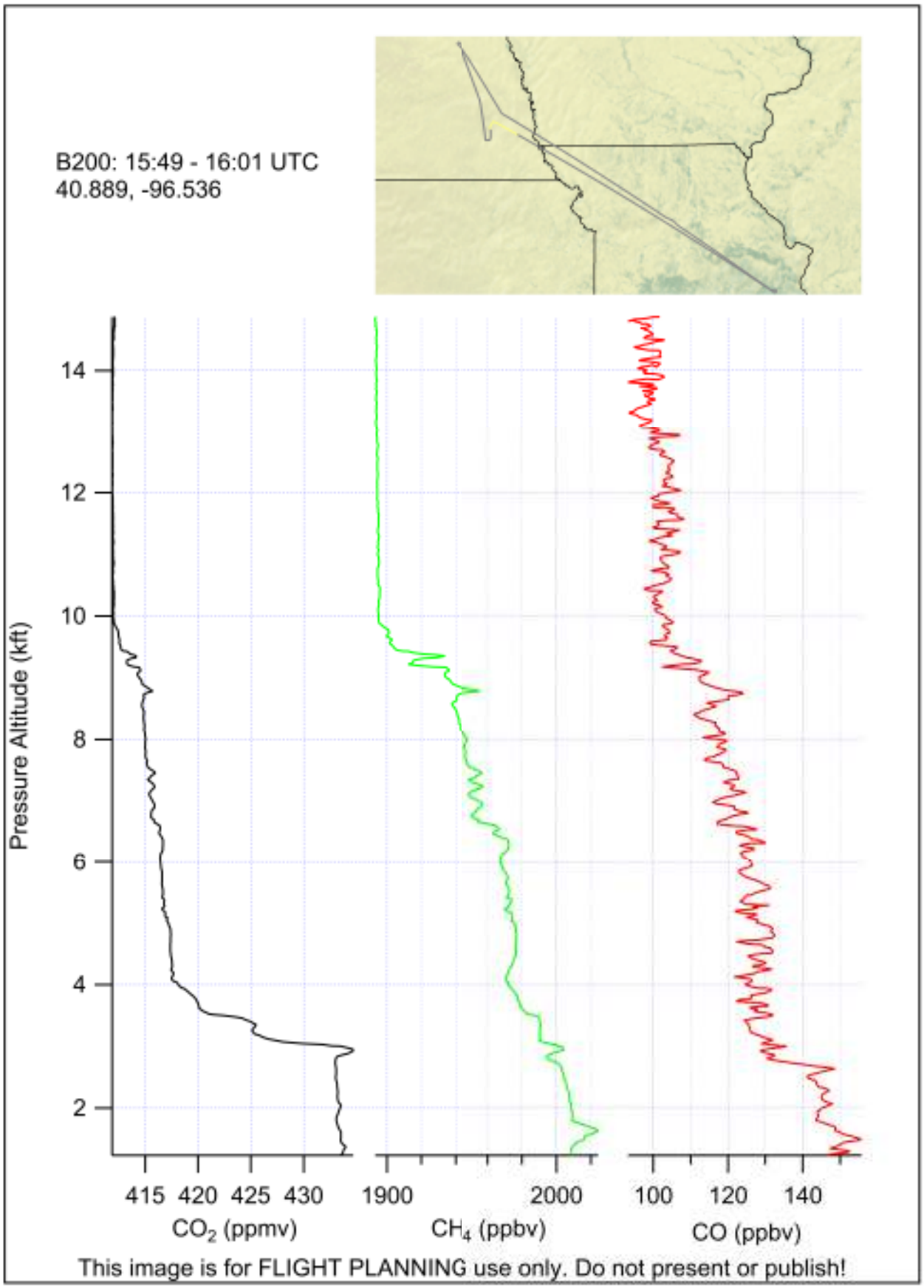

C130: 15:47 - 16:08 UTC
37.781, -90.392
Pressure Altitude (kft)
20
15
10
5
410 411 412 413 414
CO2 (ppmv)
1920 1960 2000
CH4 (ppbv)
100 110 120 130 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

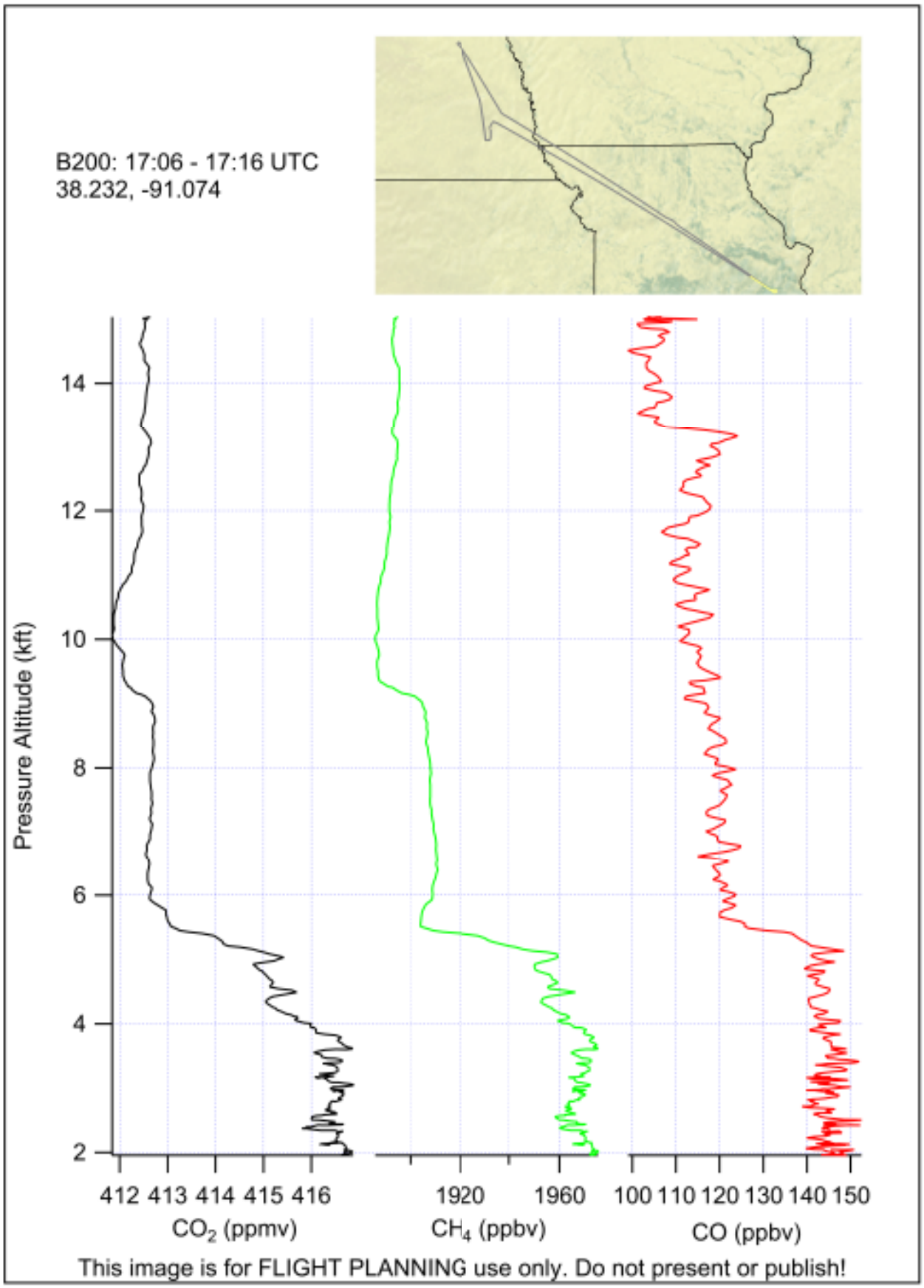

C130: 16:23 - 16:54 UTC
38.395, -91.377
Pressure Altitude (kft)
8
6
4
2
411 412 413 414
CO2 (ppmv)
1960 2000
CH4 (ppbv)
100 110 120 130 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

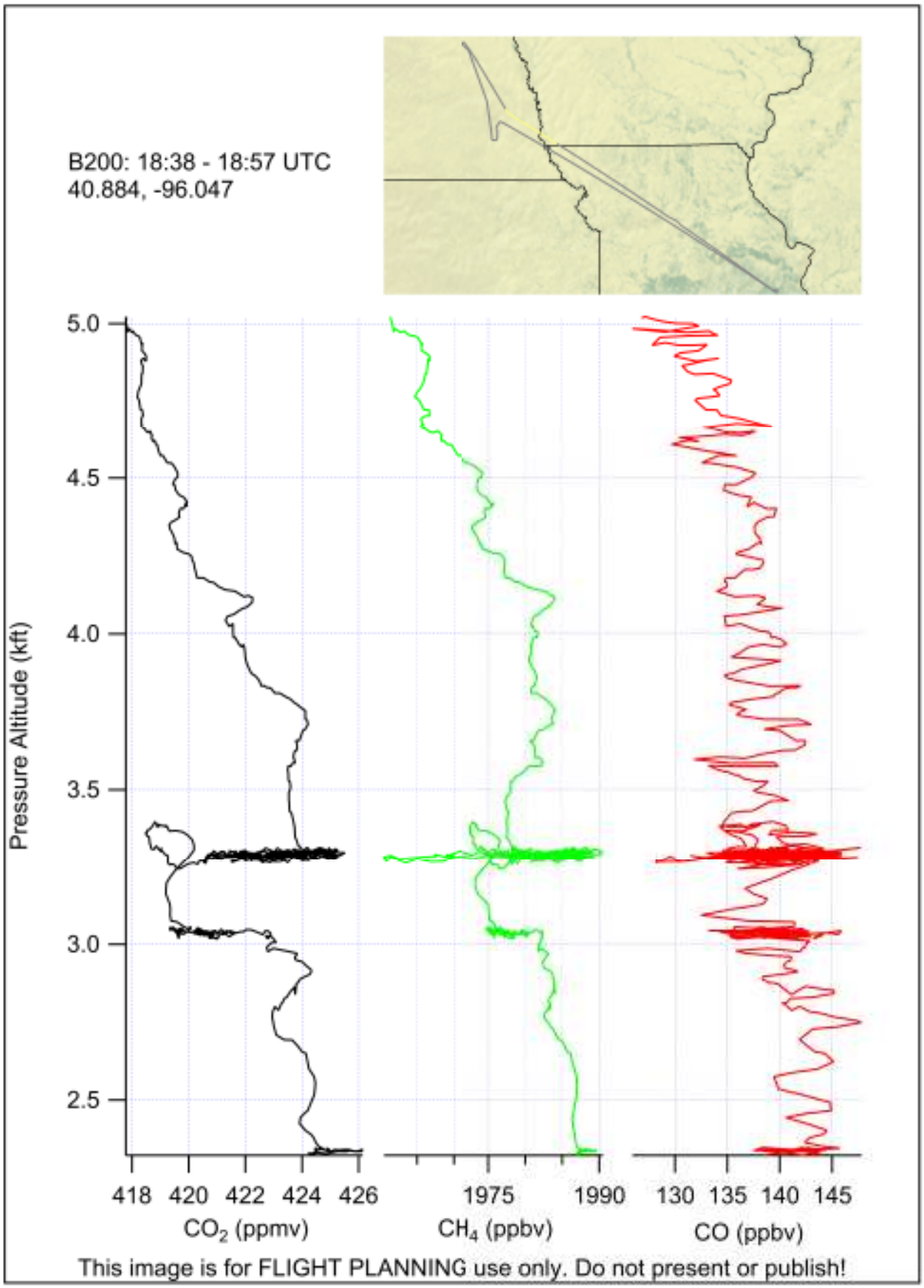

C130: 17:53 - 18:01 UTC
42.072, -97.245
Pressure Altitude (kft)
10
9
8
7
6
5
4
3
410 411 412 413 414 415
CO2 (ppmv)
1940 1960 1980
CH4 (ppbv)
100 105 110 115 120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

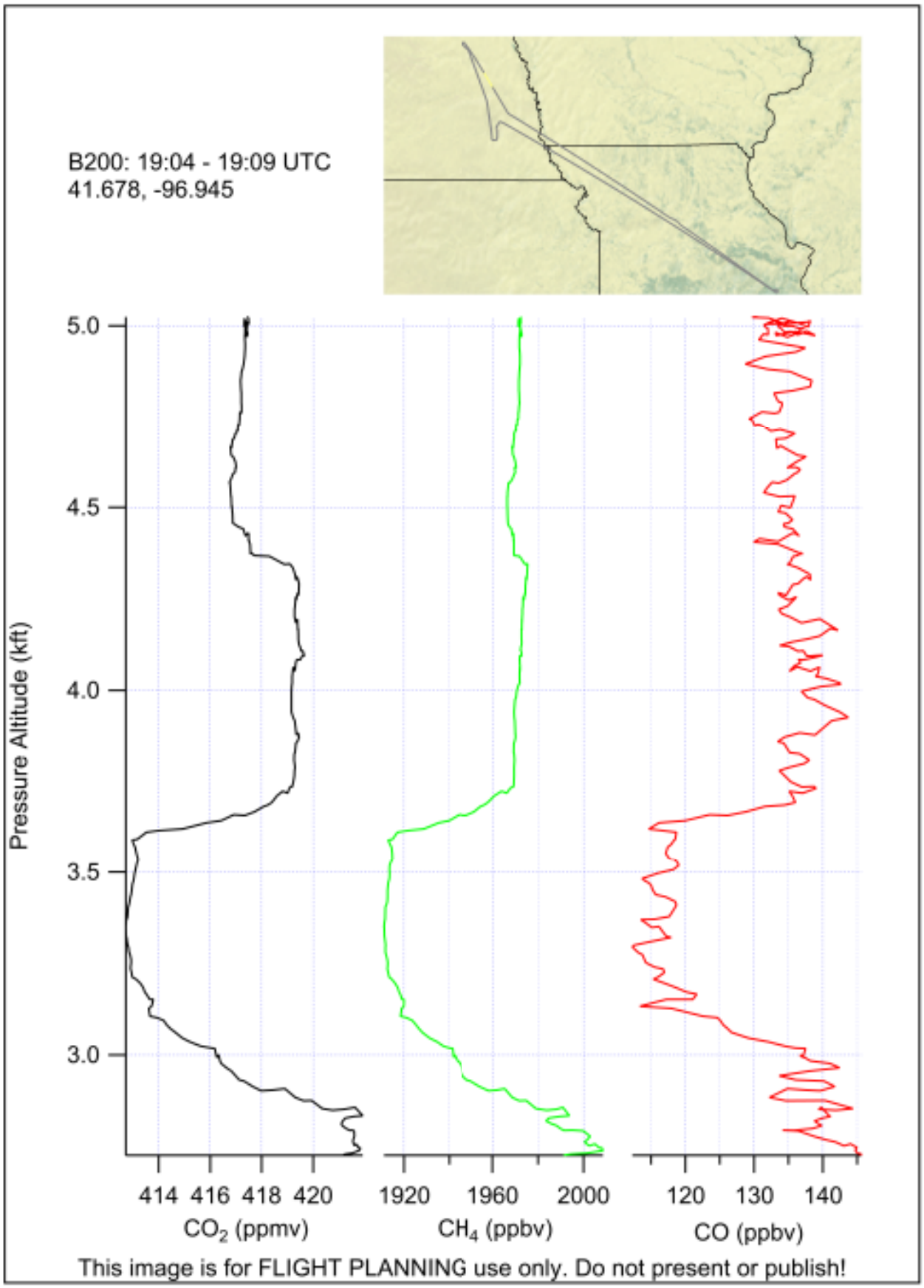

C130: 19:00 - 19:17 UTC
45.529, -100.04
Pressure Altitude (kft)
18
16
14
12
10
8
6
4
410
412
414
CO2 (ppmv)
1940
1960
CH4 (ppbv)
100
110
120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:40 - 20:36 UTC
42.237, -97.437
Pressure Altitude (kft)
15
10
5
410 415 420 425 430
CO2 (ppmv)
1920 2000
CH4 (ppbv)
100 110 120 130 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 15:49 - 16:01 UTC
40.889, -96.536
Pressure Altitude (kft)
14
12
10
8
6
4
2
415 420 425 430
CO2 (ppmv)
1900 2000
CH4 (ppbv)
100 120 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:06 - 17:16 UTC
38.232, -91.074
Pressure Altitude (kft)
14
12
10
8
6
4
2
412 413 414 415 416
CO2 (ppmv)
1920 1960
CH4 (ppbv)
100 110 120 130 140 150
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:38 - 18:57 UTC
40.884, -96.047
Pressure Altitude (kft)
5.0
4.5
4.0
3.5
3.0
2.5
418 420 422 424 426
CO2 (ppmv)
1975 1990
CH4 (ppbv)
130 135 140 145
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:04 - 19:09 UTC
41.678, -96.945
Pressure Altitude (kft)
5.0
4.5
4.0
3.5
3.0
414 416 418 420
CO2 (ppmv)
1920 1960 2000
CH4 (ppbv)
120 130 140
CO (ppbv)
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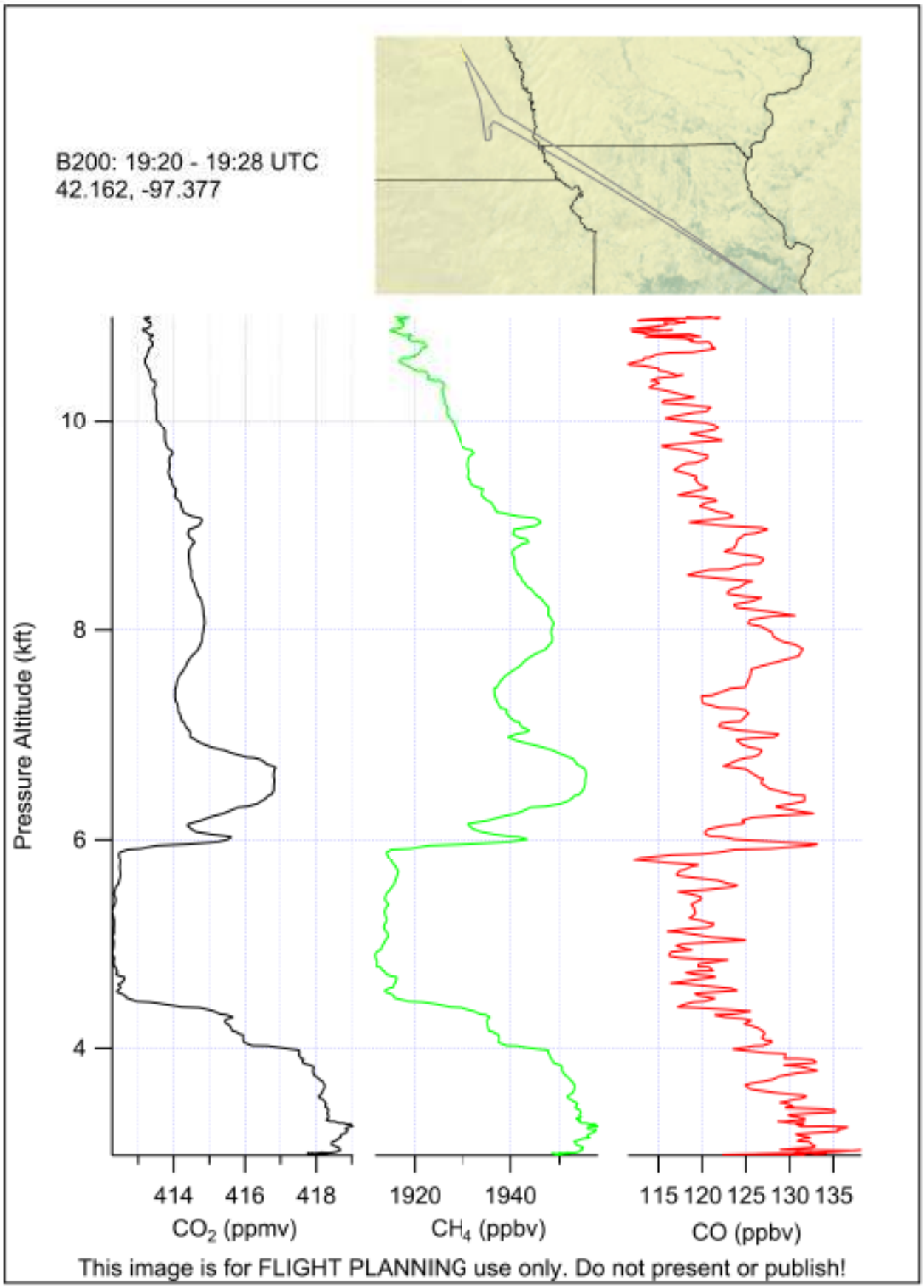
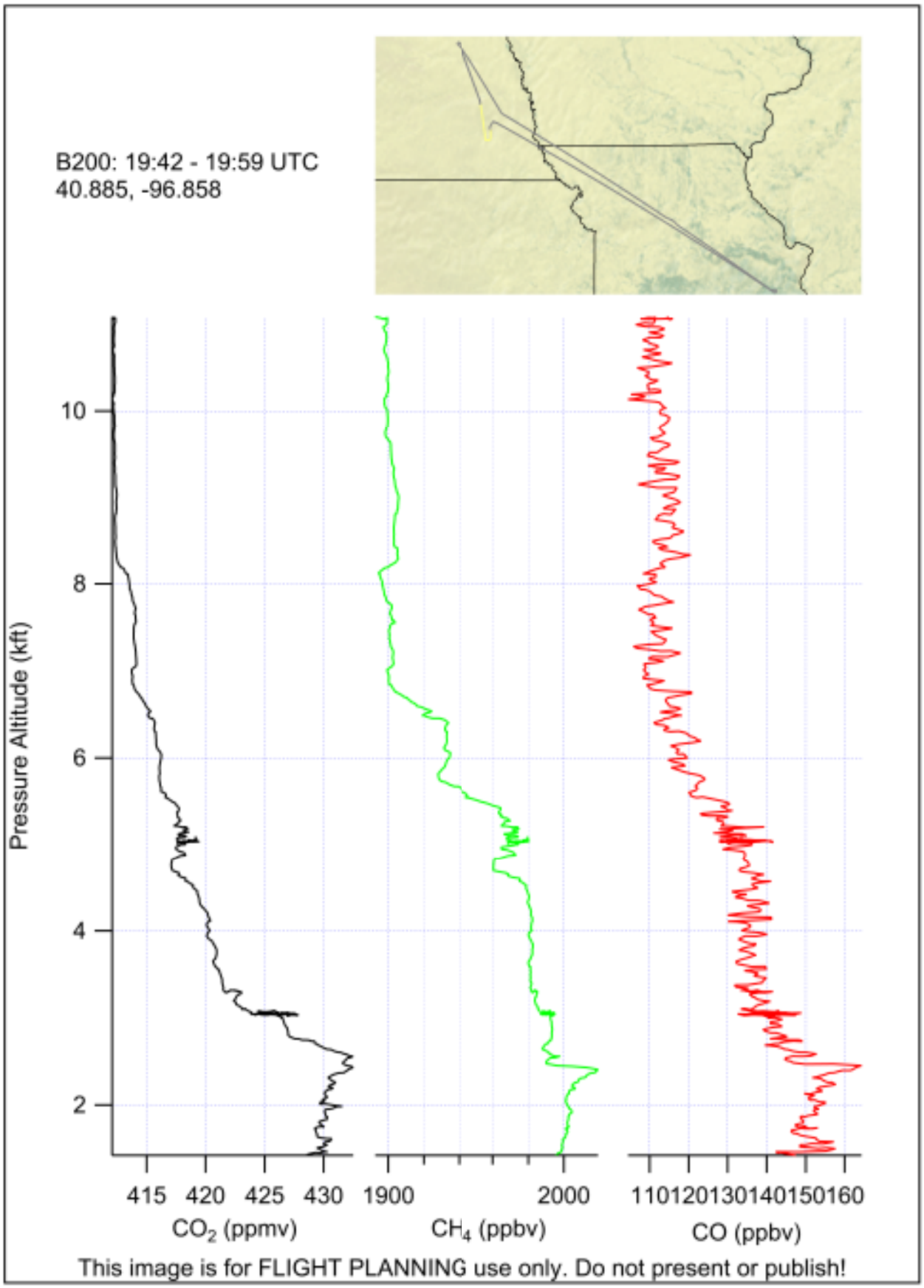
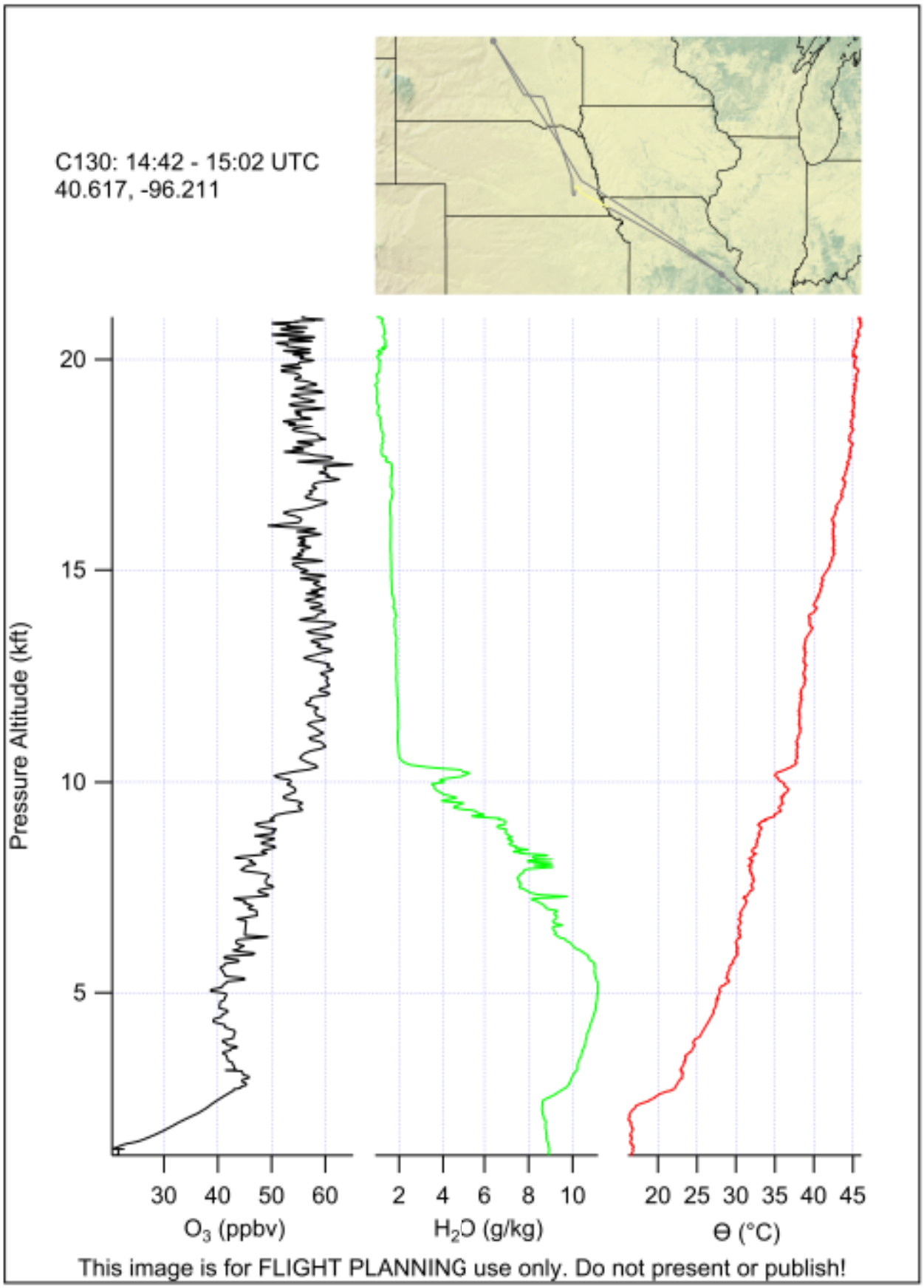
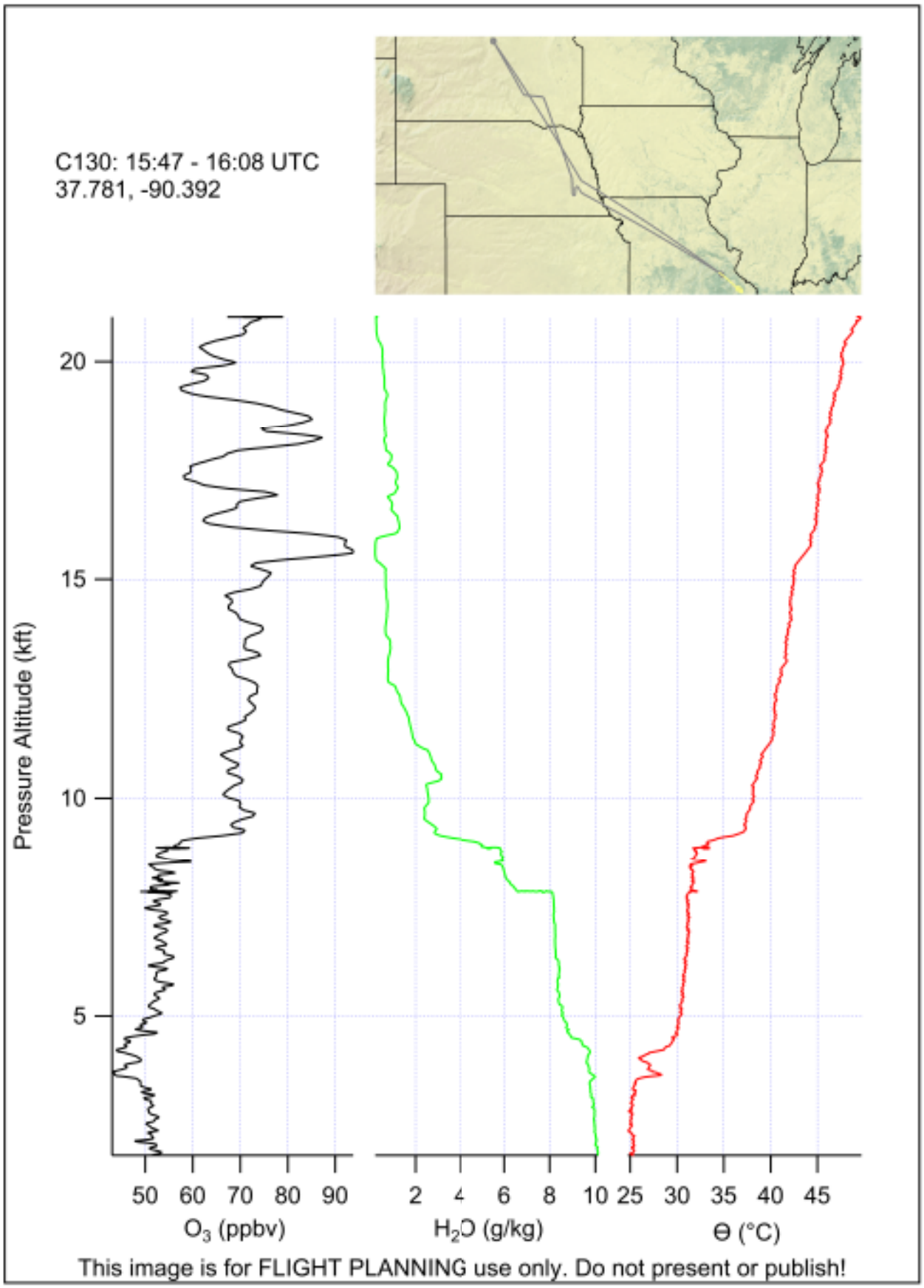
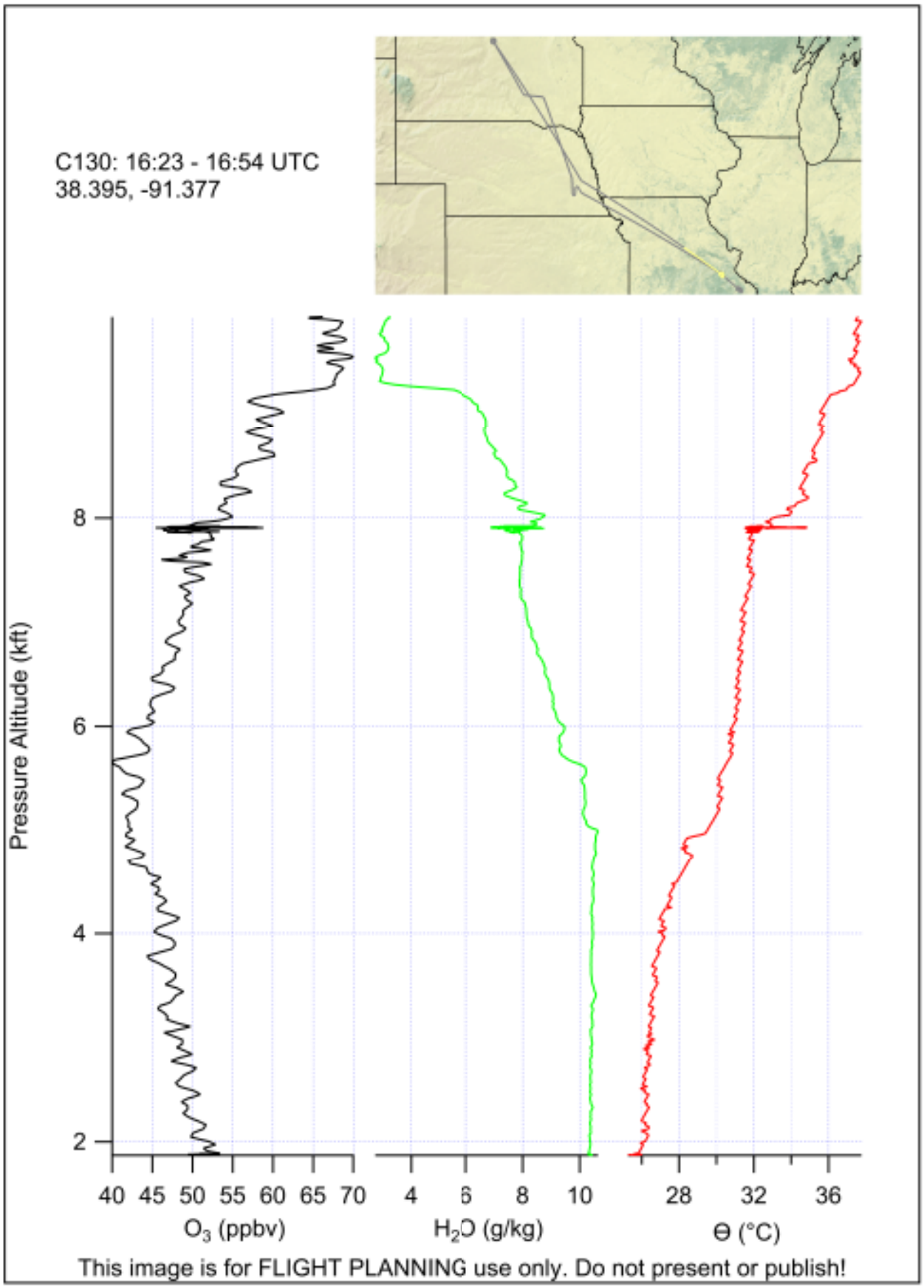
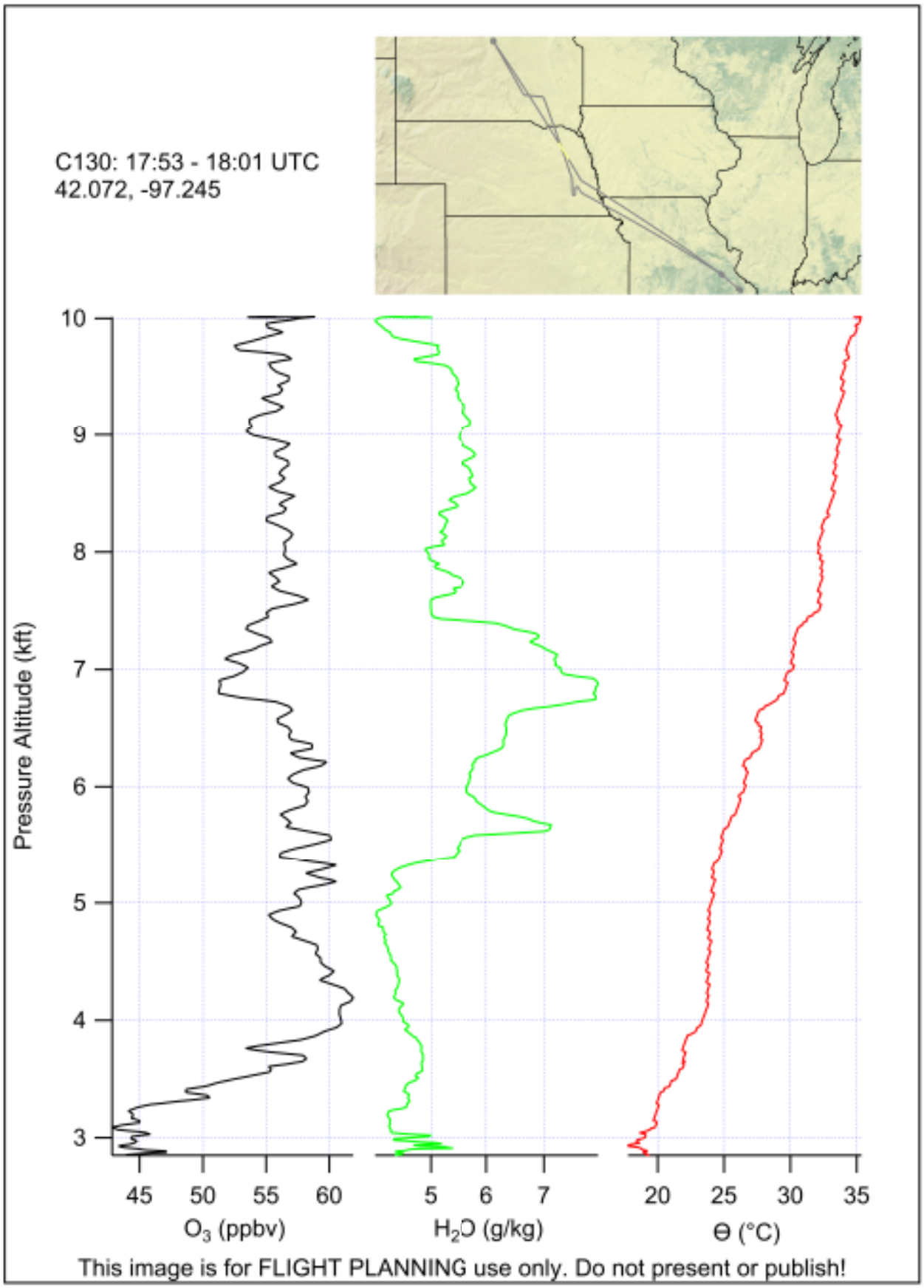

B200: 19:20 - 19:28 UTC
42.162, -97.377
Pressure Altitude (kft)
10
8
6
4
414 416 418
CO2 (ppmv)
1920 1940
CH4 (ppbv)
115 120 125 130 135
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

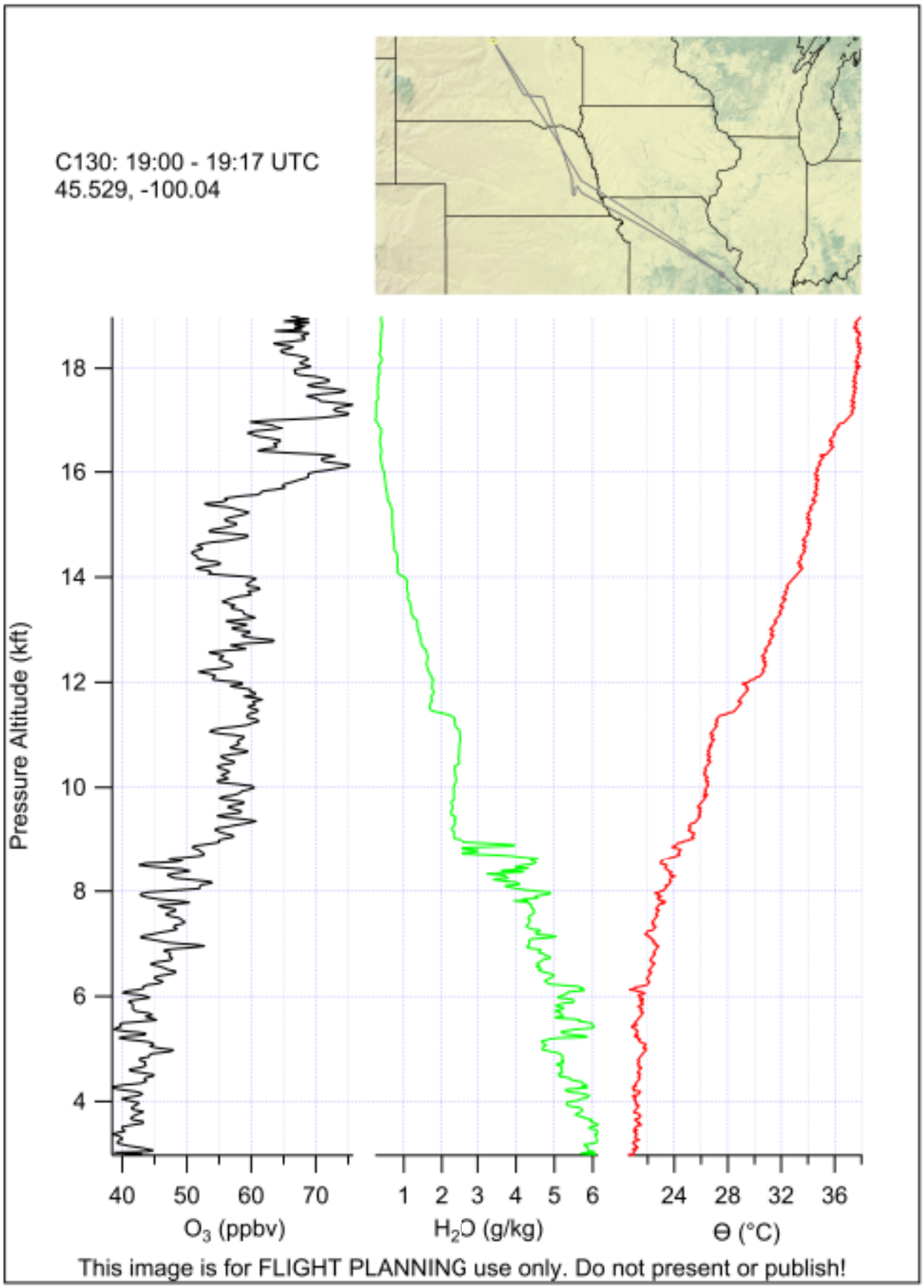

B200: 19:42 - 19:59 UTC
40.885, -96.858
Pressure Altitude (kft)
10
8
6
4
2
415 420 425 430
CO2 (ppmv)
1900 2000
CH4 (ppbv)
110120130140150160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

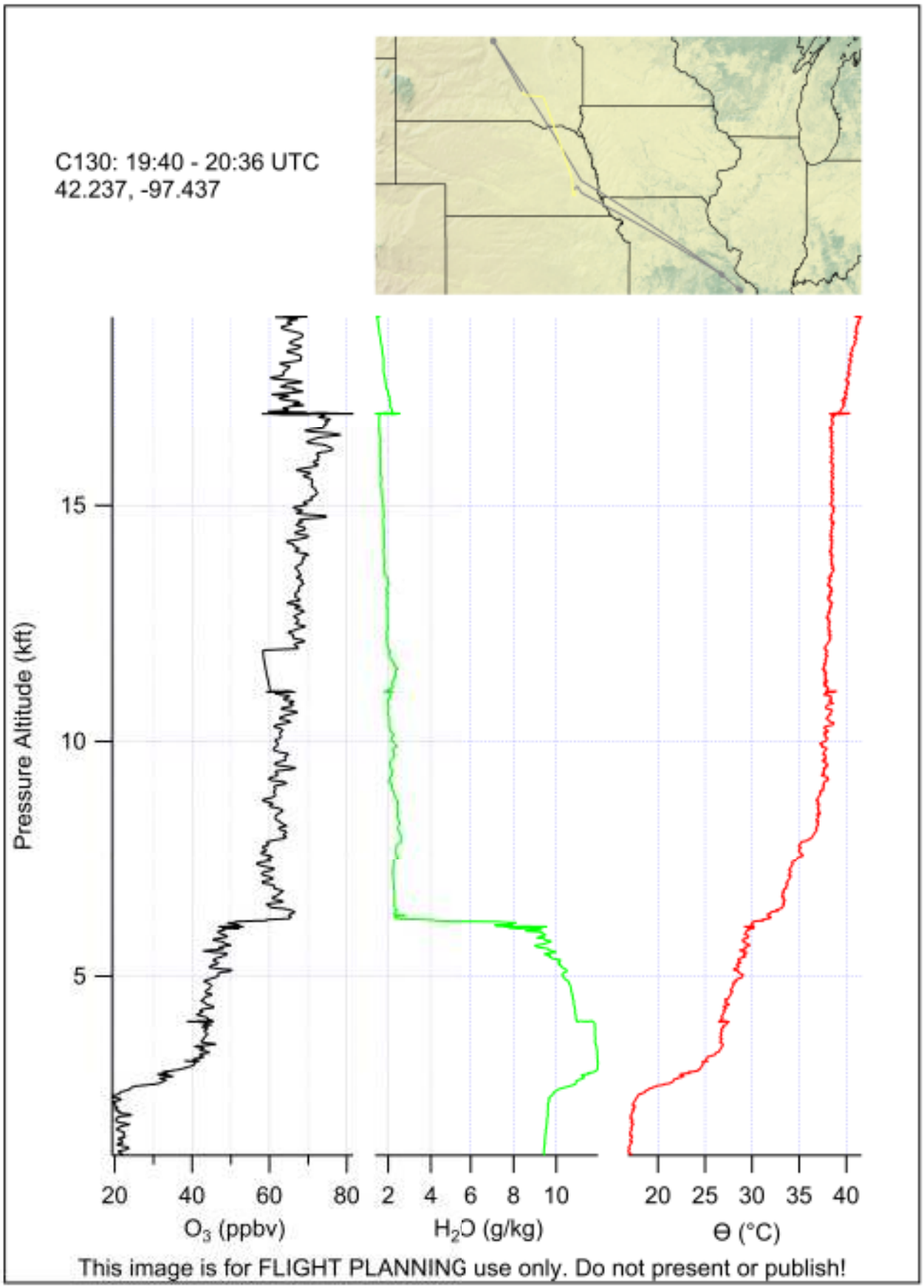

C130: 14:42 - 15:02 UTC
40.617, -96.211
Pressure Altitude (kft)
20
15
10
5
30 40 50 60
O3 (ppbv)
2 4 6 8 10
H2O (g/kg)
20 25 30 35 40 45
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

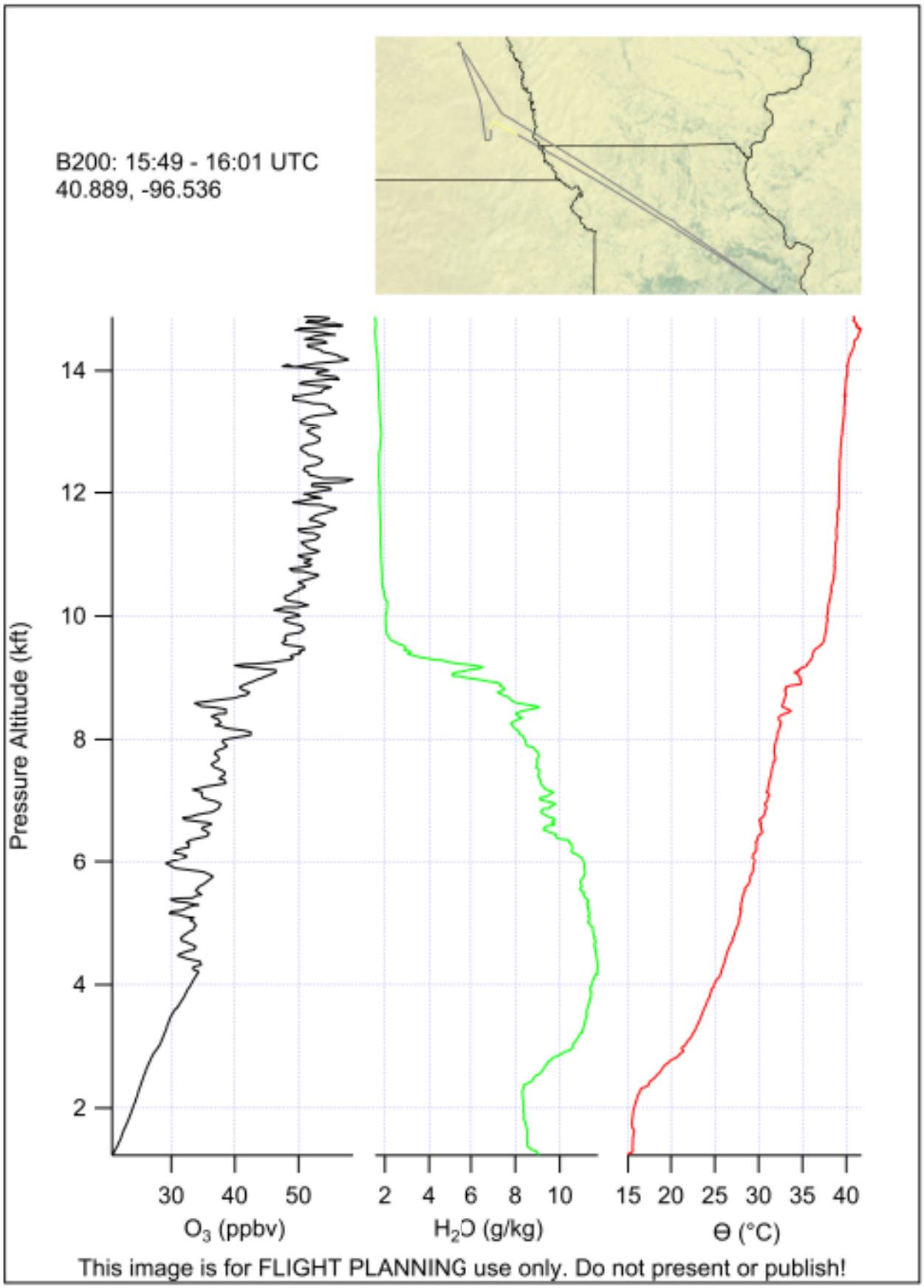

C130: 15:47 - 16:08 UTC
37.781, -90.392
Pressure Altitude (kft)
20
15
10
5
50 60 70 80 90
O3 (ppbv)
2 4 6 8 10
H2O (g/kg)
25 30 35 40 45
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

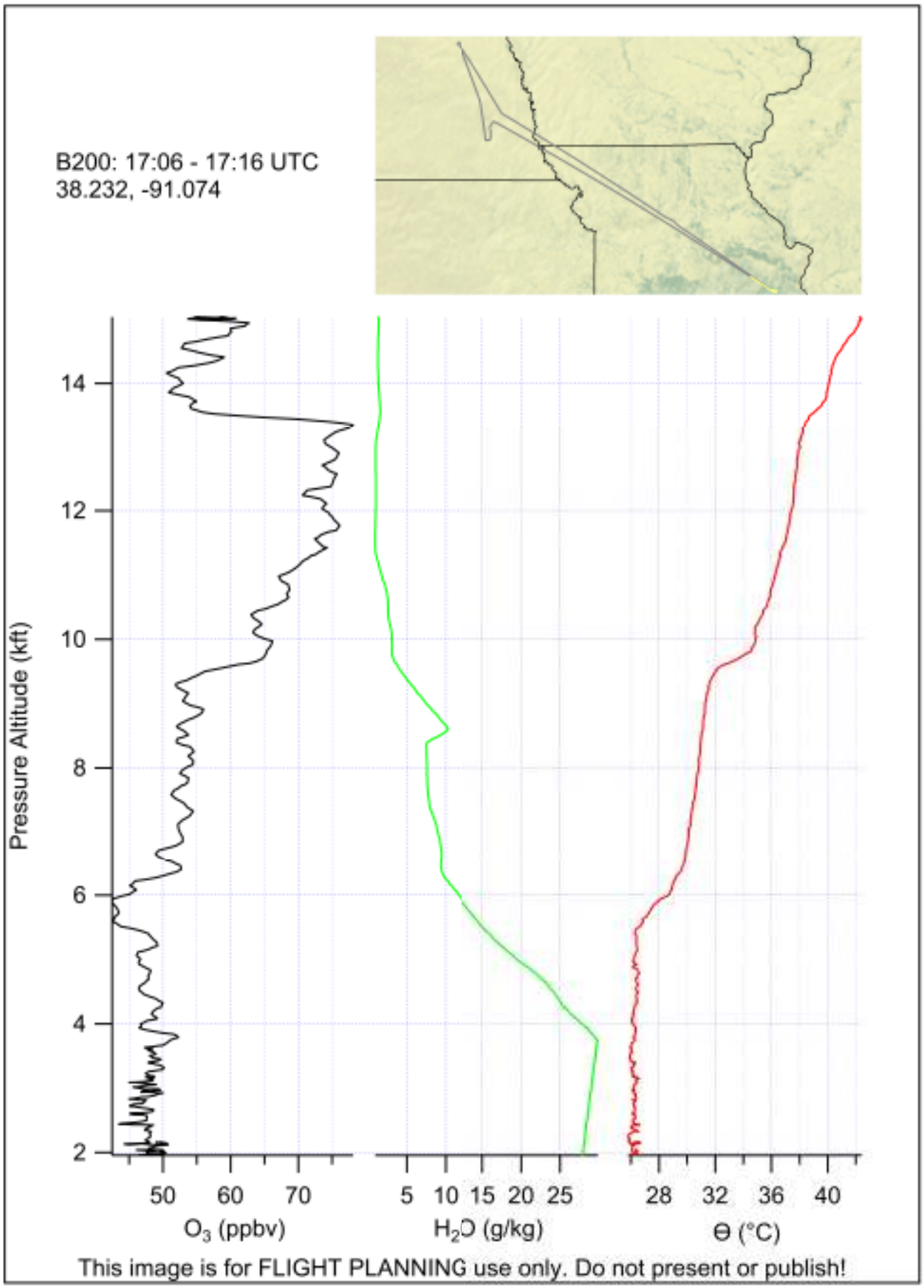

C130: 16:23 - 16:54 UTC
38.395, -91.377
Pressure Altitude (kft)
2
4
6
8
40 45 50 55 60 65 70
O3 (ppbv)
4 6 8 10
H2O (g/kg)
28 32 36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

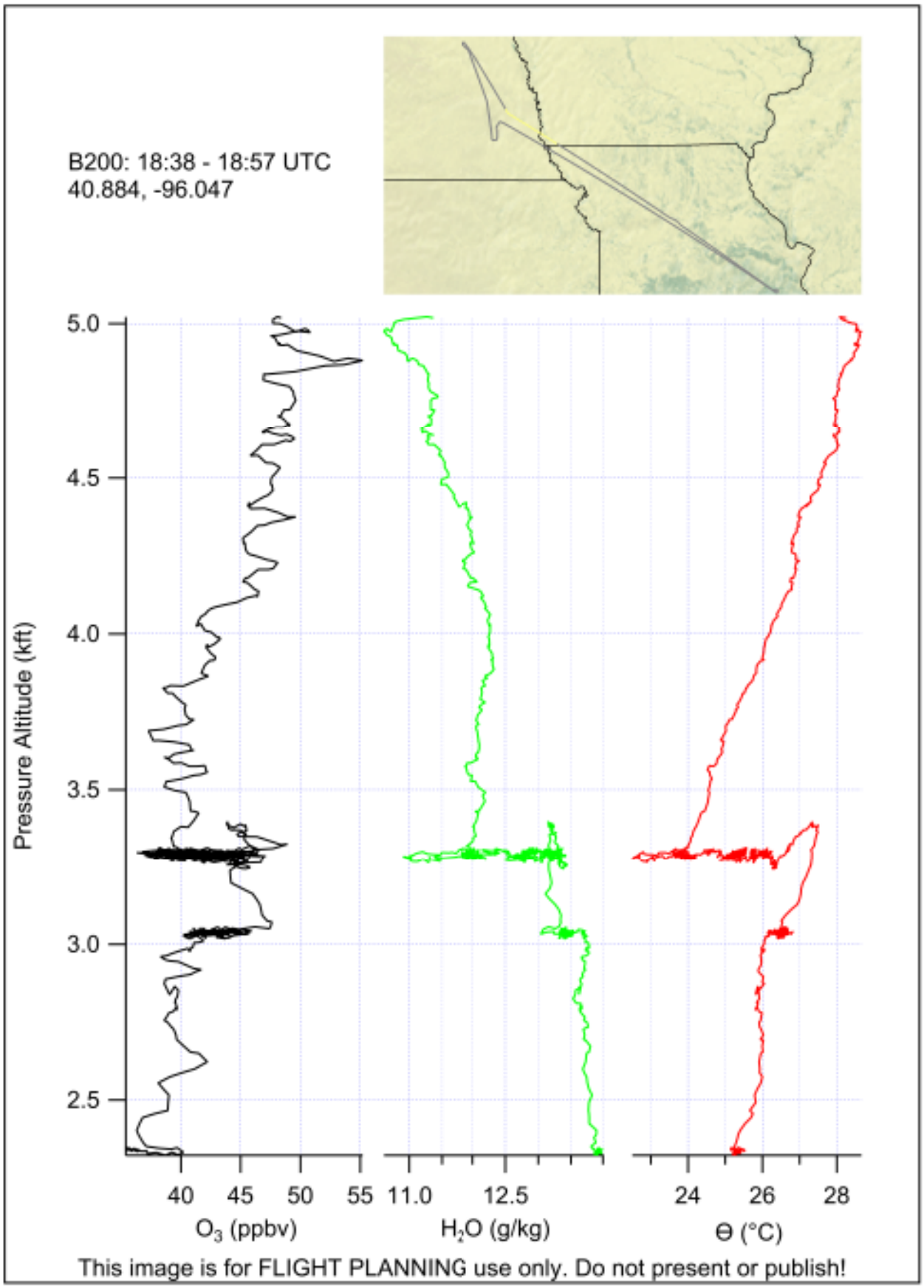

C130: 17:53 - 18:01 UTC
42.072, -97.245
Pressure Altitude (kft)
10
9
8
7
6
5
4
3
45
50
55
60
O3 (ppbv)
5
6
7
H2O (g/kg)
20
25
30
35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

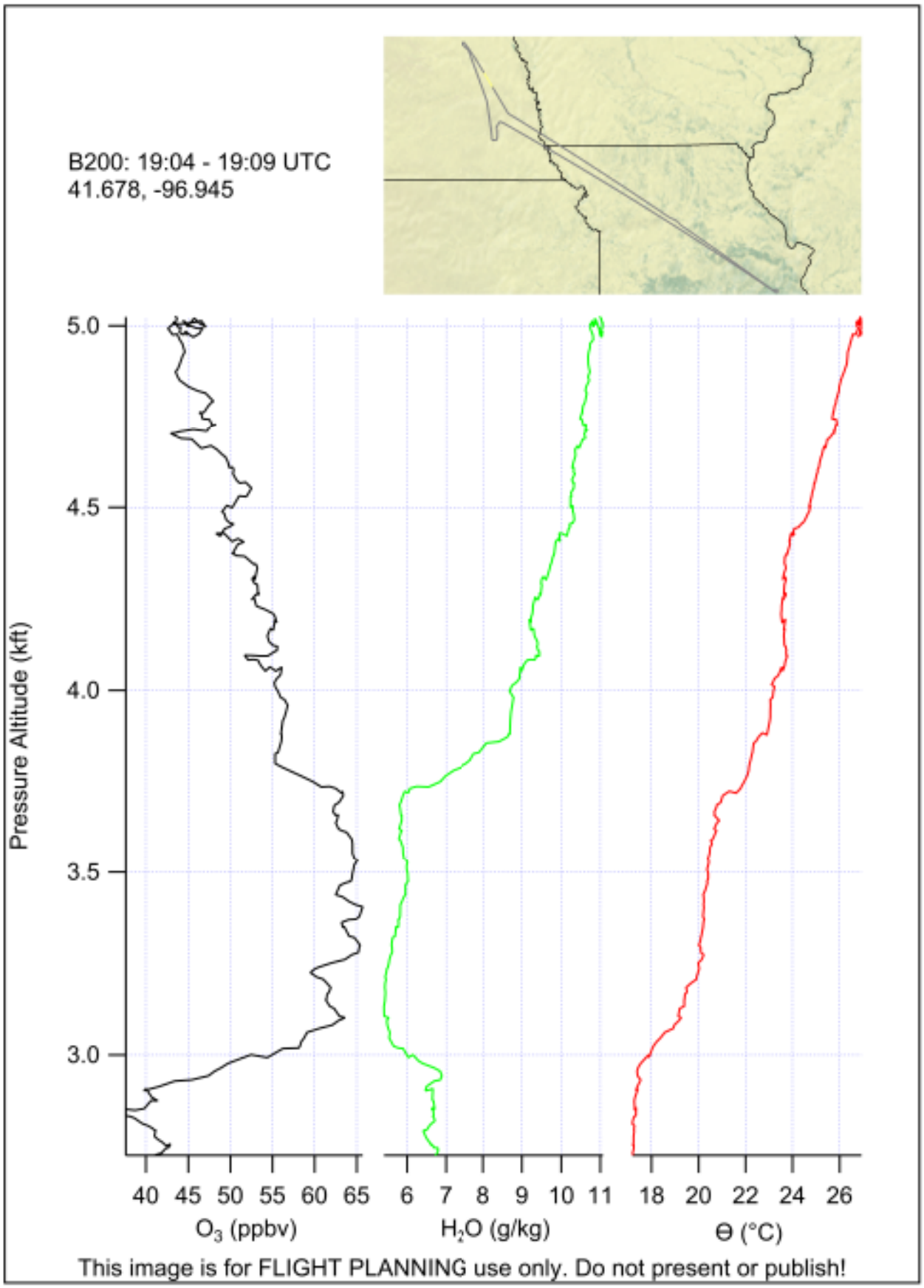

C130: 19:00 - 19:17 UTC
45.529, -100.04
Pressure Altitude (kft)
18
16
14
12
10
8
6
4
40
50
60
70
O3 (ppbv)
1
2
3
4
5
6
H2O (g/kg)
24
28
32
36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

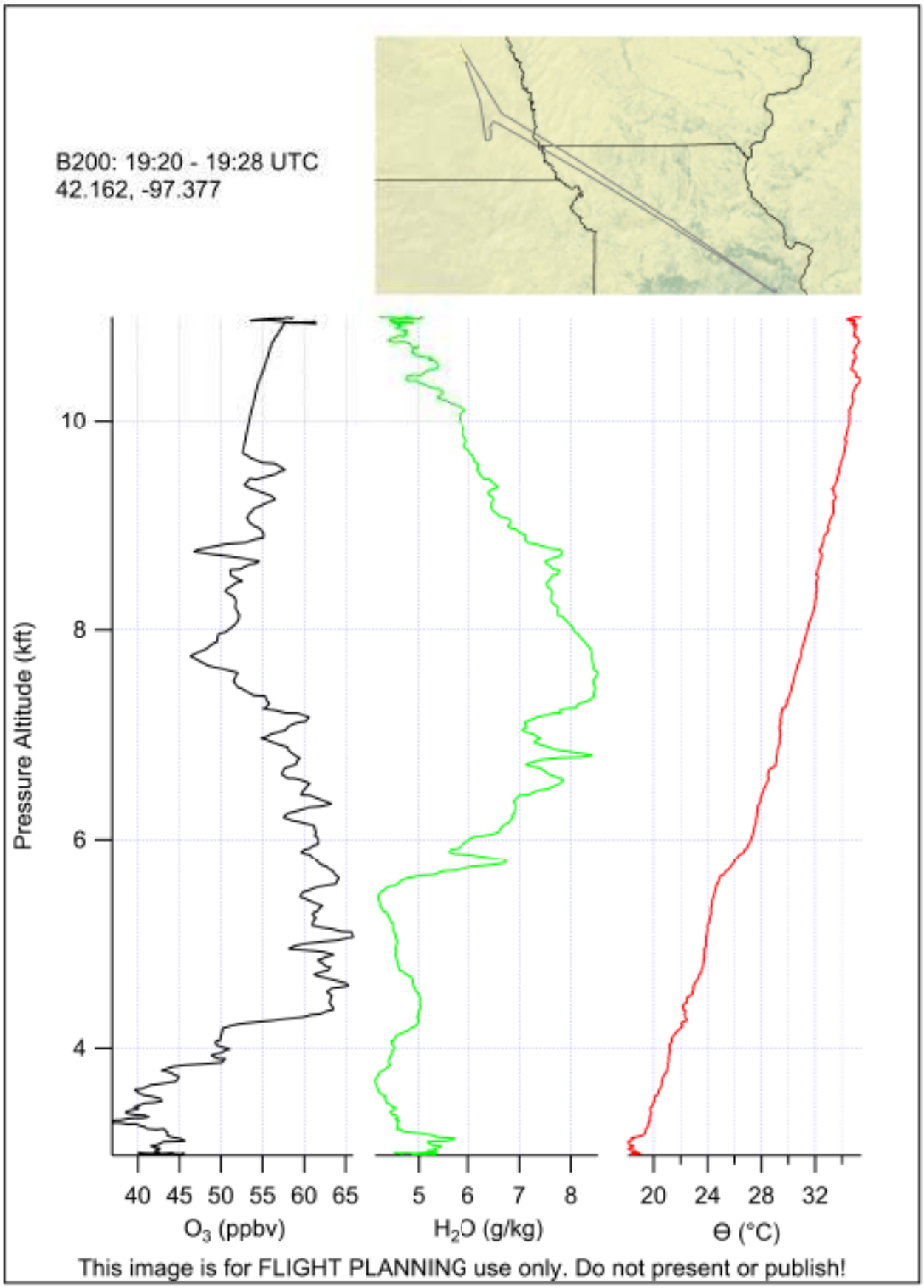

C130: 19:40 - 20:36 UTC
42.237, -97.437
Pressure Altitude (kft)
15
10
5
20
40
60
80
O_3 (ppbv)
2
4
6
8
10
H_2O (g/kg)
20
25
30
35
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

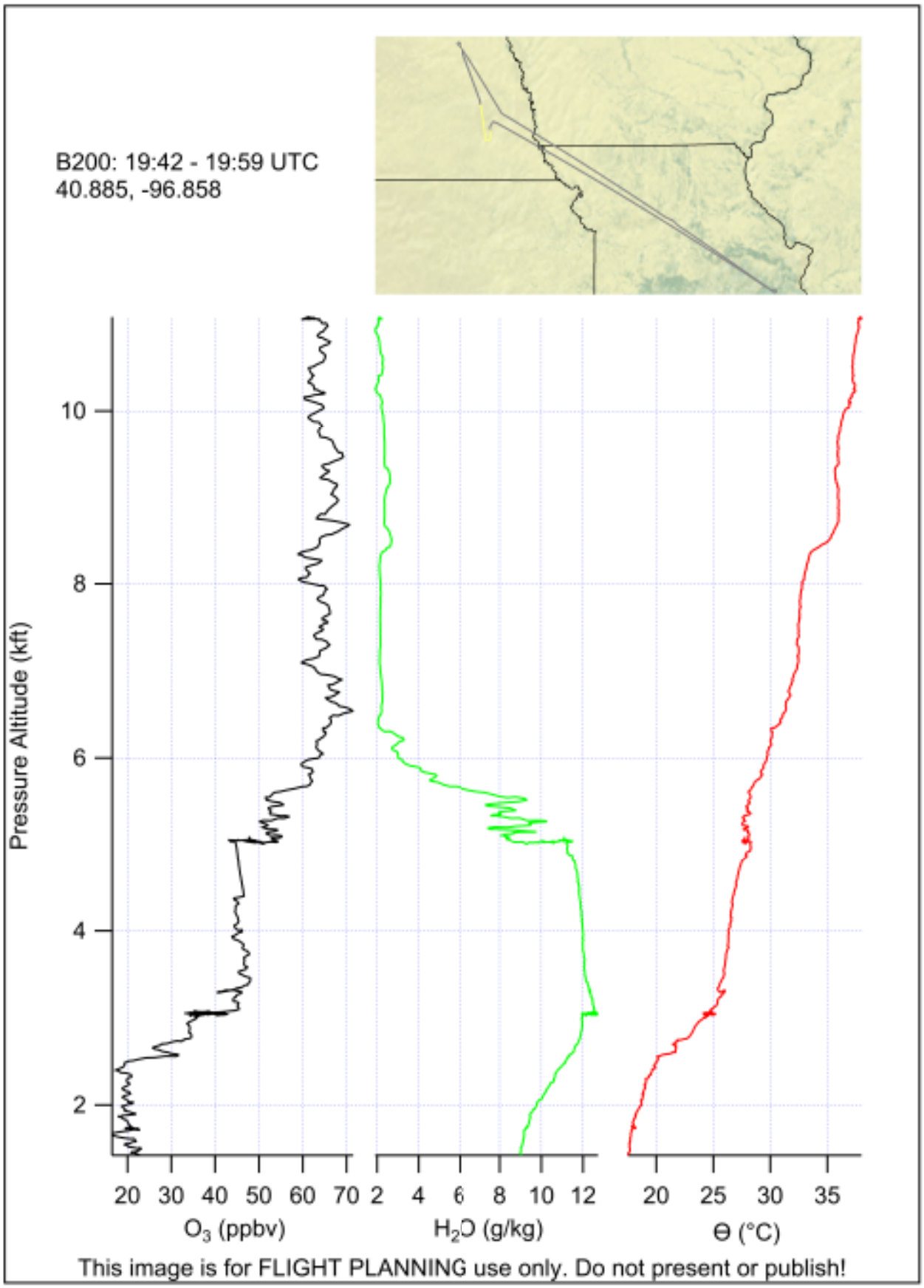

B200: 15:49 - 16:01 UTC
40.889, -96.536
Pressure Altitude (kft)
14
12
10
8
6
4
2
30 40 50
O3 (ppbv)
2 4 6 8 10
H2O (g/kg)
15 20 25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:06 - 17:16 UTC
38.232, -91.074
Pressure Altitude (kft)
14
12
10
8
6
4
2
50
60
70
O3 (ppbv)
5
10
15
20
25
H2O (g/kg)
28
32
36
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:38 - 18:57 UTC
40.884, -96.047
Pressure Altitude (kft)
5.0
4.5
4.0
3.5
3.0
2.5
40
45
50
55
O3 (ppbv)
11.0
12.5
H2O (g/kg)
24
26
28
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:04 - 19:09 UTC
41.678, -96.945
Pressure Altitude (kft)
5.0
4.5
4.0
3.5
3.0
40 45 50 55 60 65
O3 (ppbv)
6 7 8 9 10 11
H2O (g/kg)
18 20 22 24 26
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:20 - 19:28 UTC
42.162, -97.377
Pressure Altitude (kft)
10
8
6
4
40 45 50 55 60 65
O3 (ppbv)
5 6 7 8
H2O (g/kg)
20 24 28 32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:42 - 19:59 UTC
40.885, -96.858
Pressure Altitude (kft)
10
8
6
4
2
20 30 40 50 60 70
O3 (ppbv)
2 4 6 8 10 12
H2O (g/kg)
20 25 30 35
Θ (°C)
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