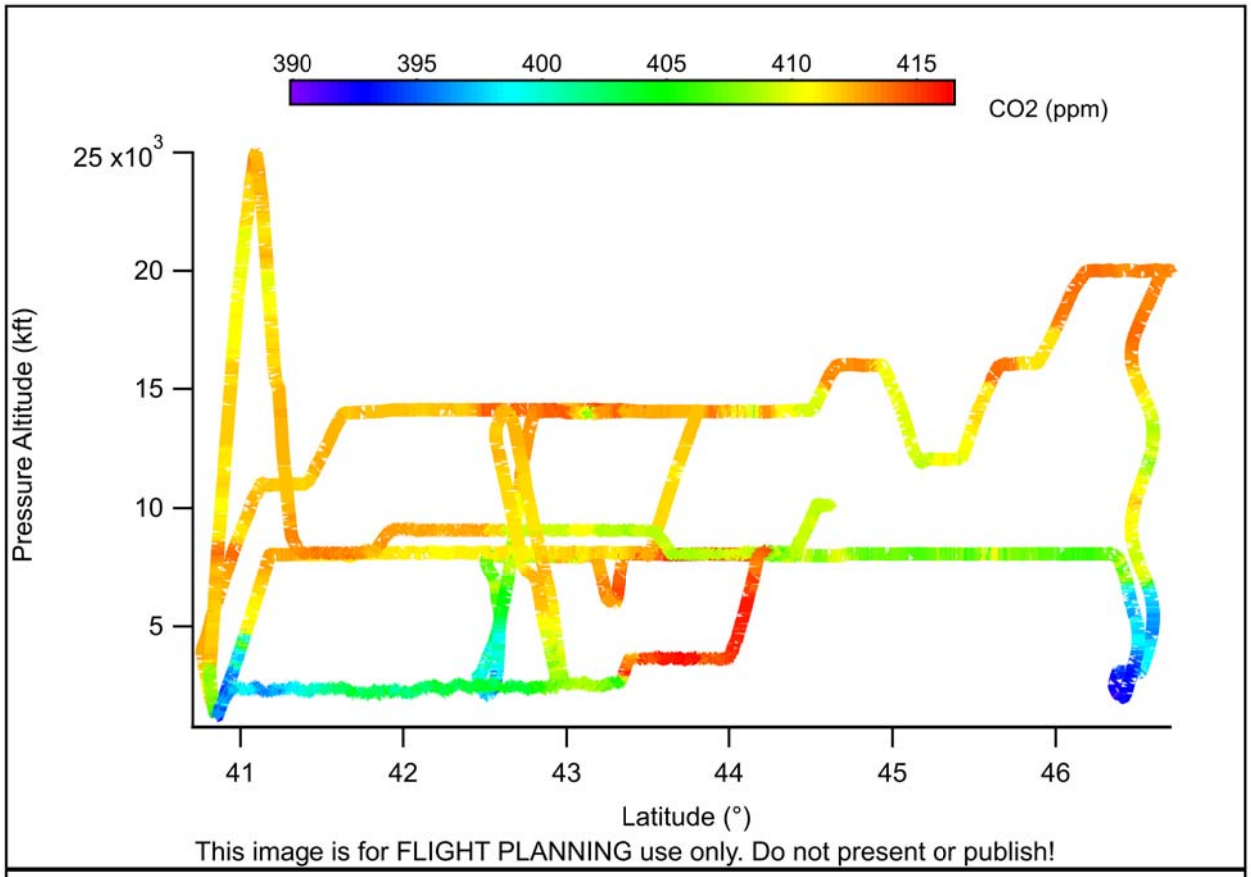
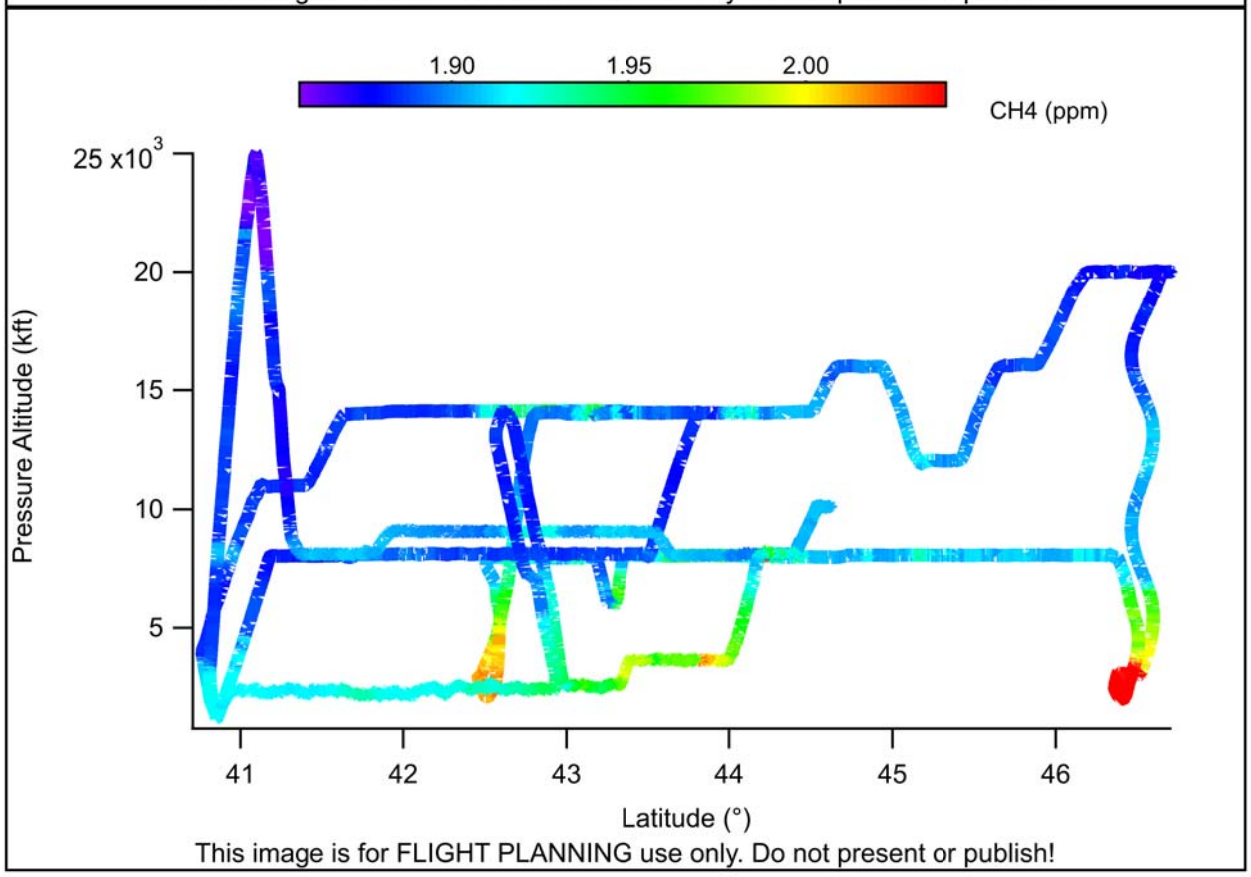
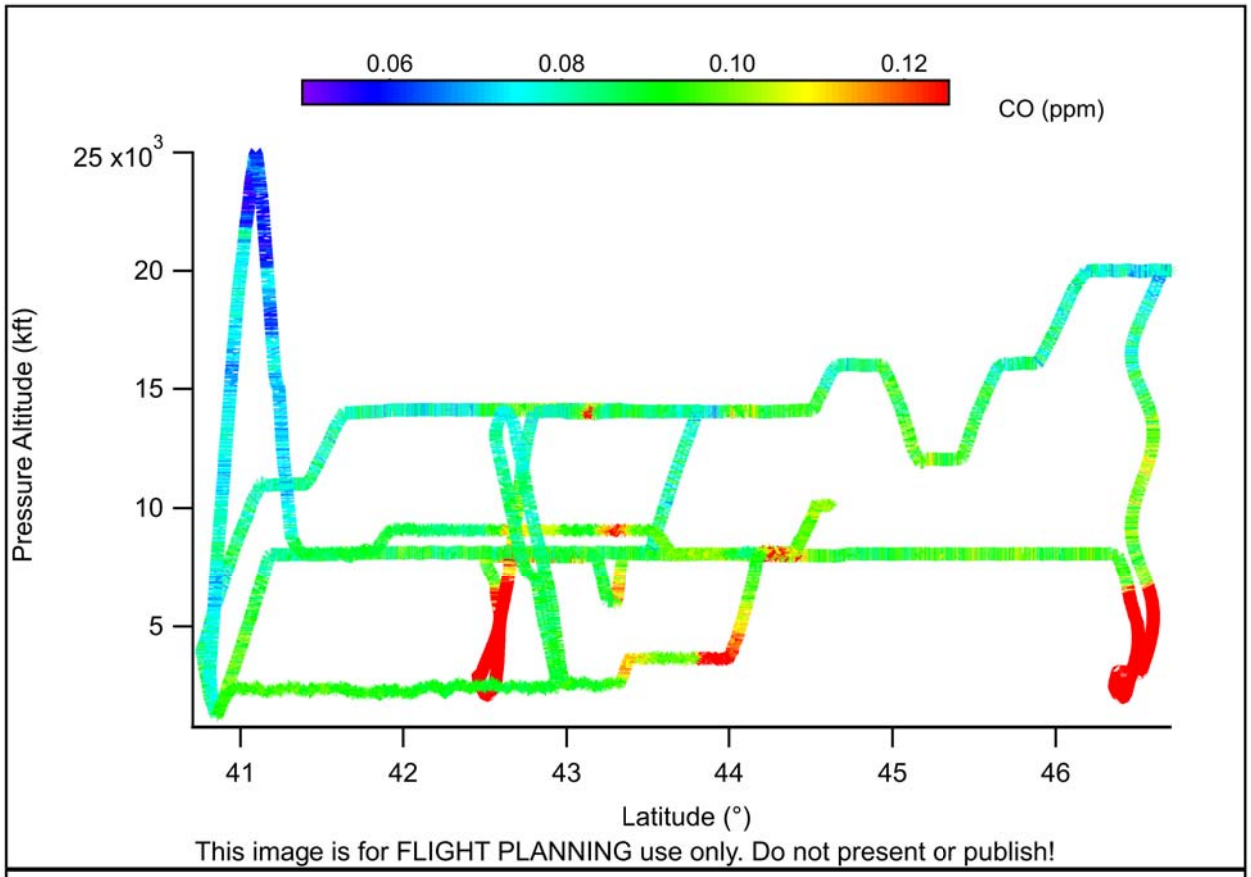
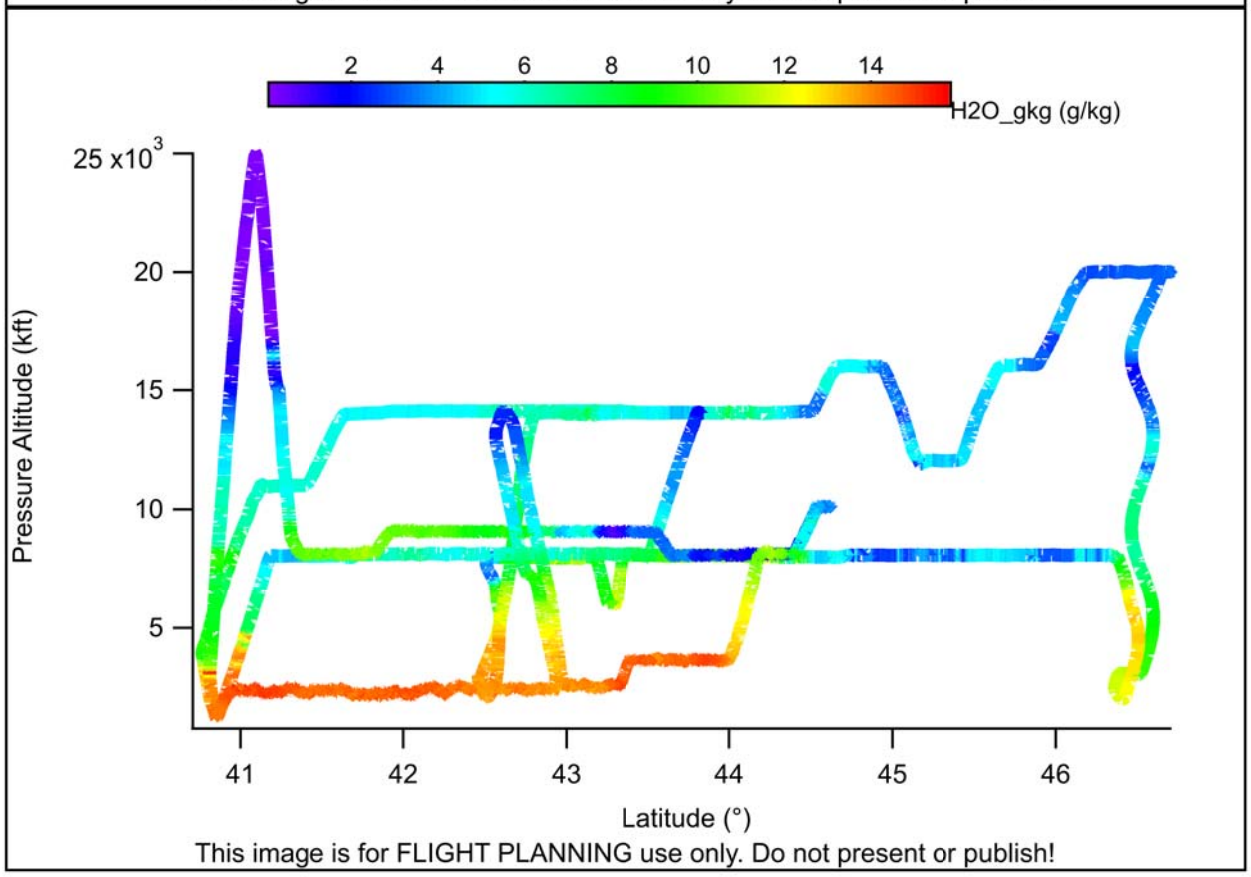
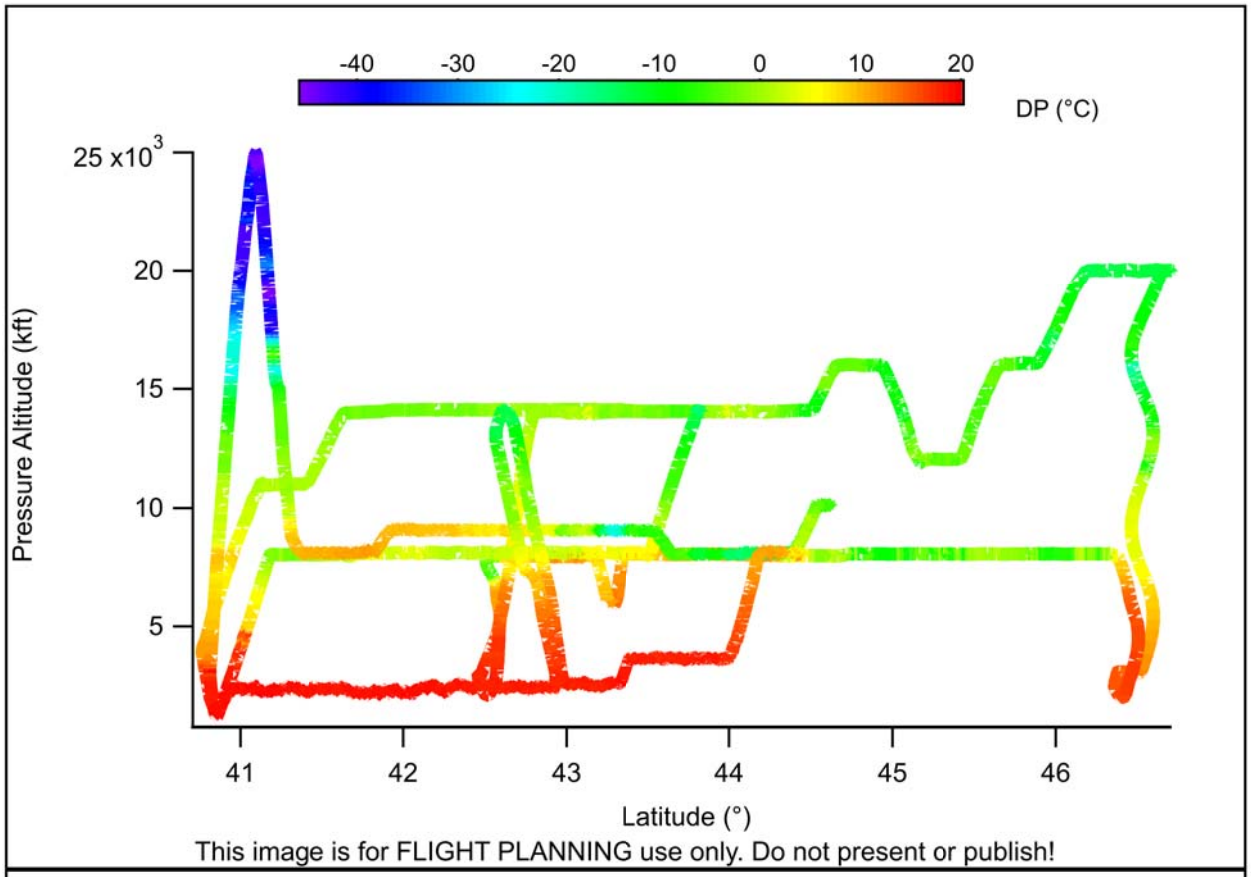
ACT-America 20190709

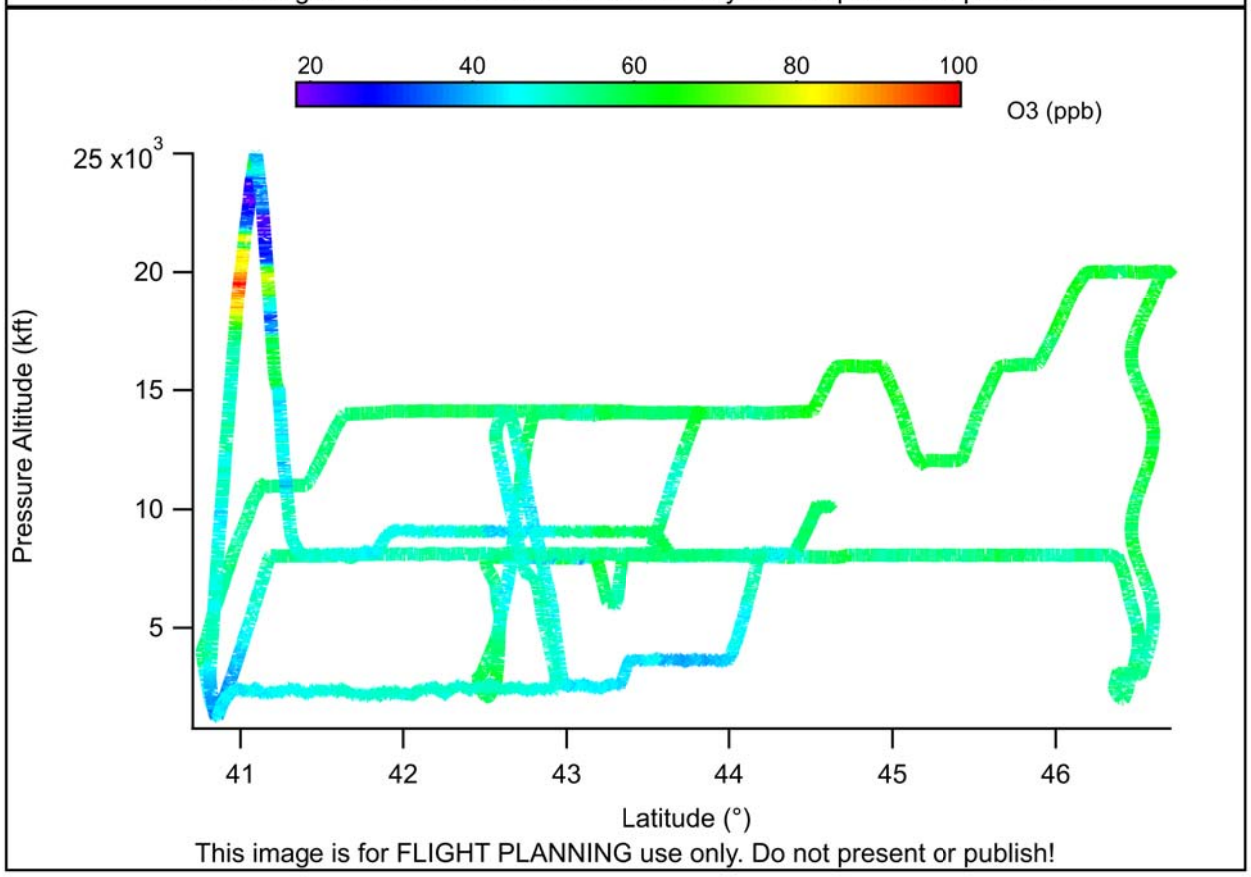

390
395
400
405
410
415
CO2 (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
41
42
43
44
45
46
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

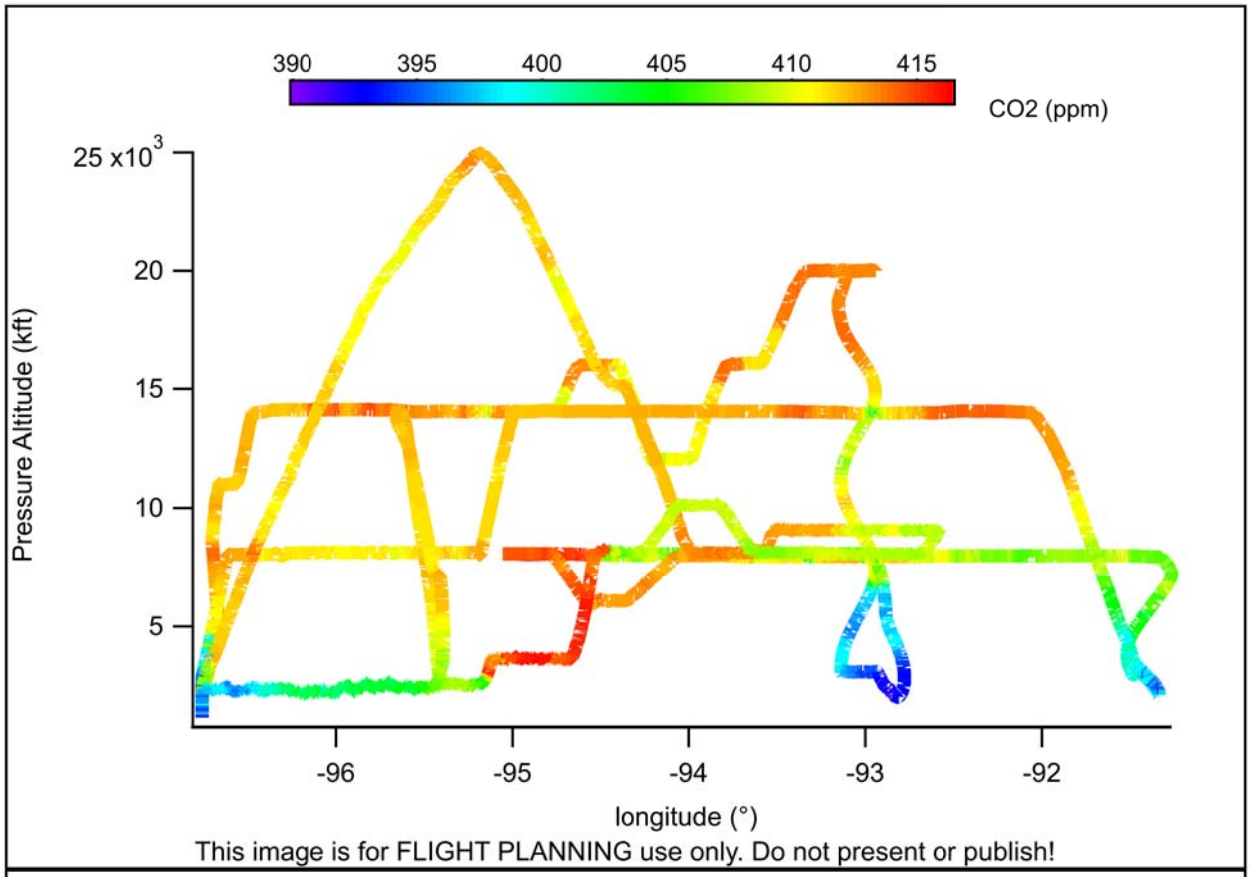

1.90
1.95
2.00
CH4 (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
41
42
43
44
45
46
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

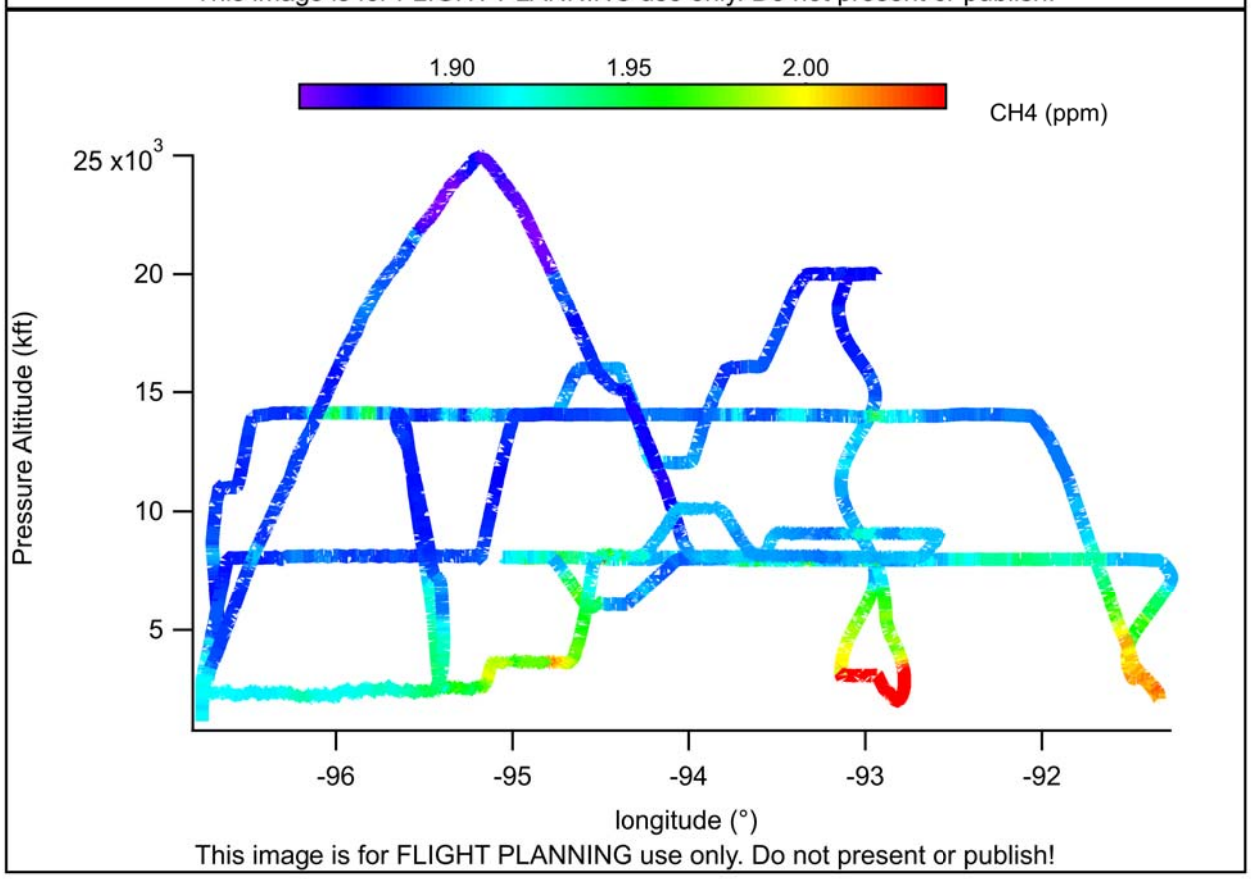

0.06
0.08
0.10
0.12
CO (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
41
42
43
44
45
46
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

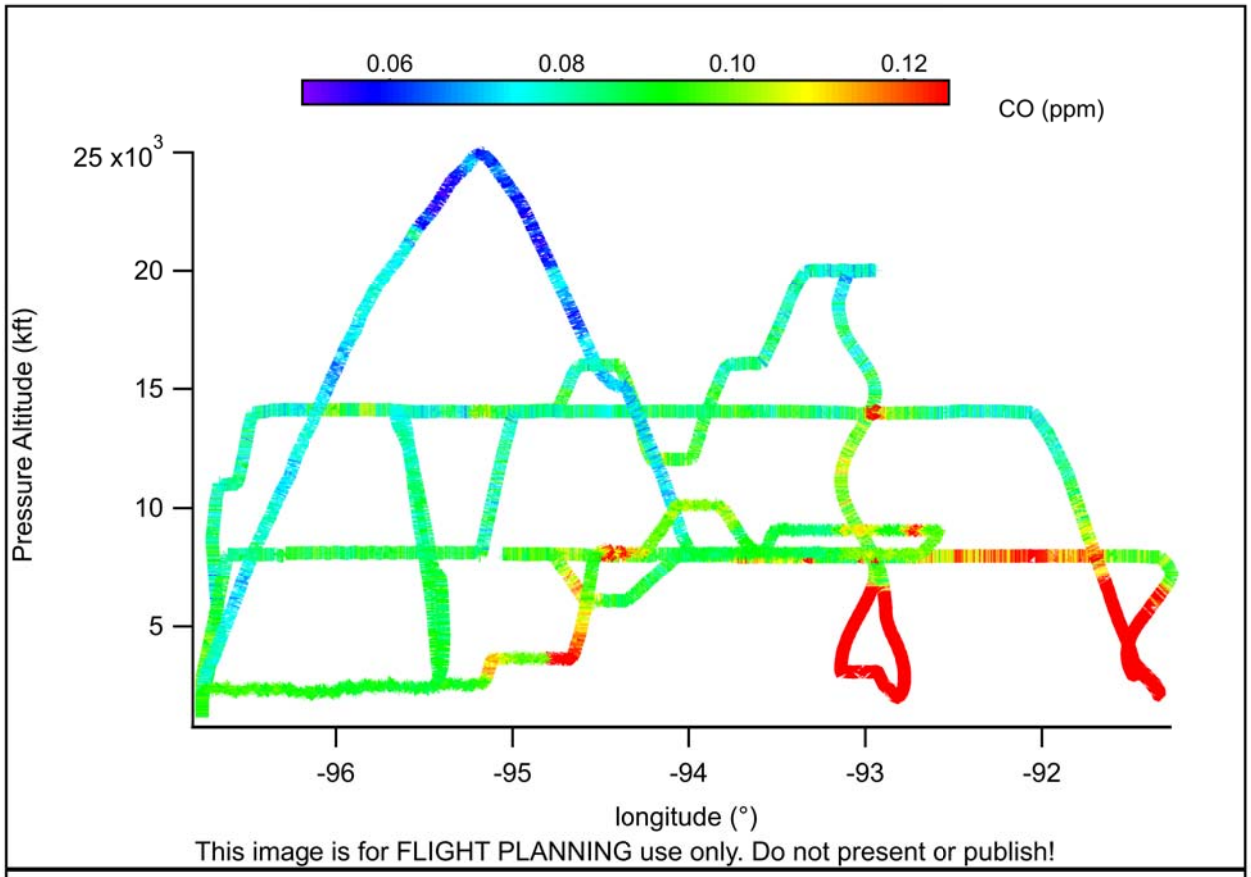

2
4
6
8
10
12
14
H2O_gkg (g/kg)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
41
42
43
44
45
46
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

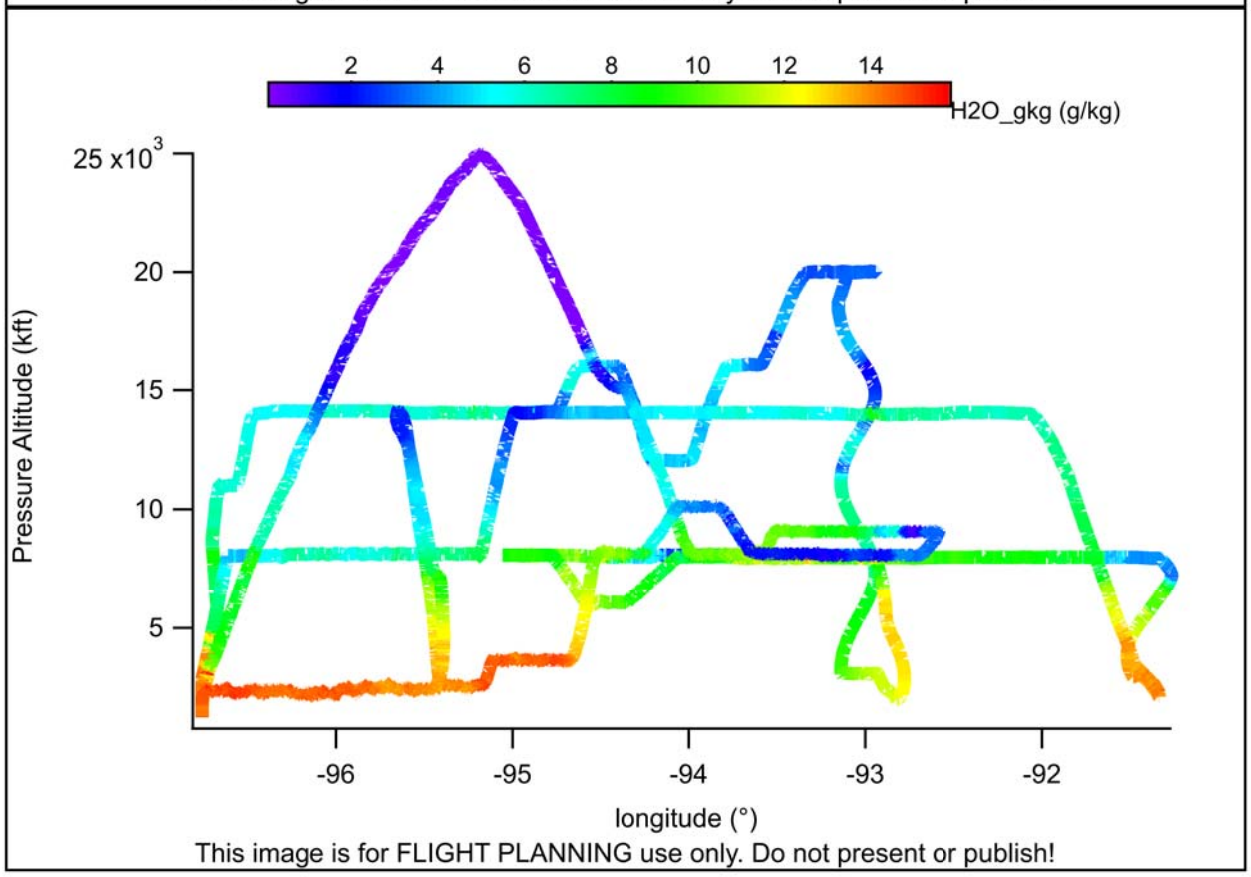

-40
-30
-20
-10
0
10
20
DP (°C)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
41
42
43
44
45
46
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

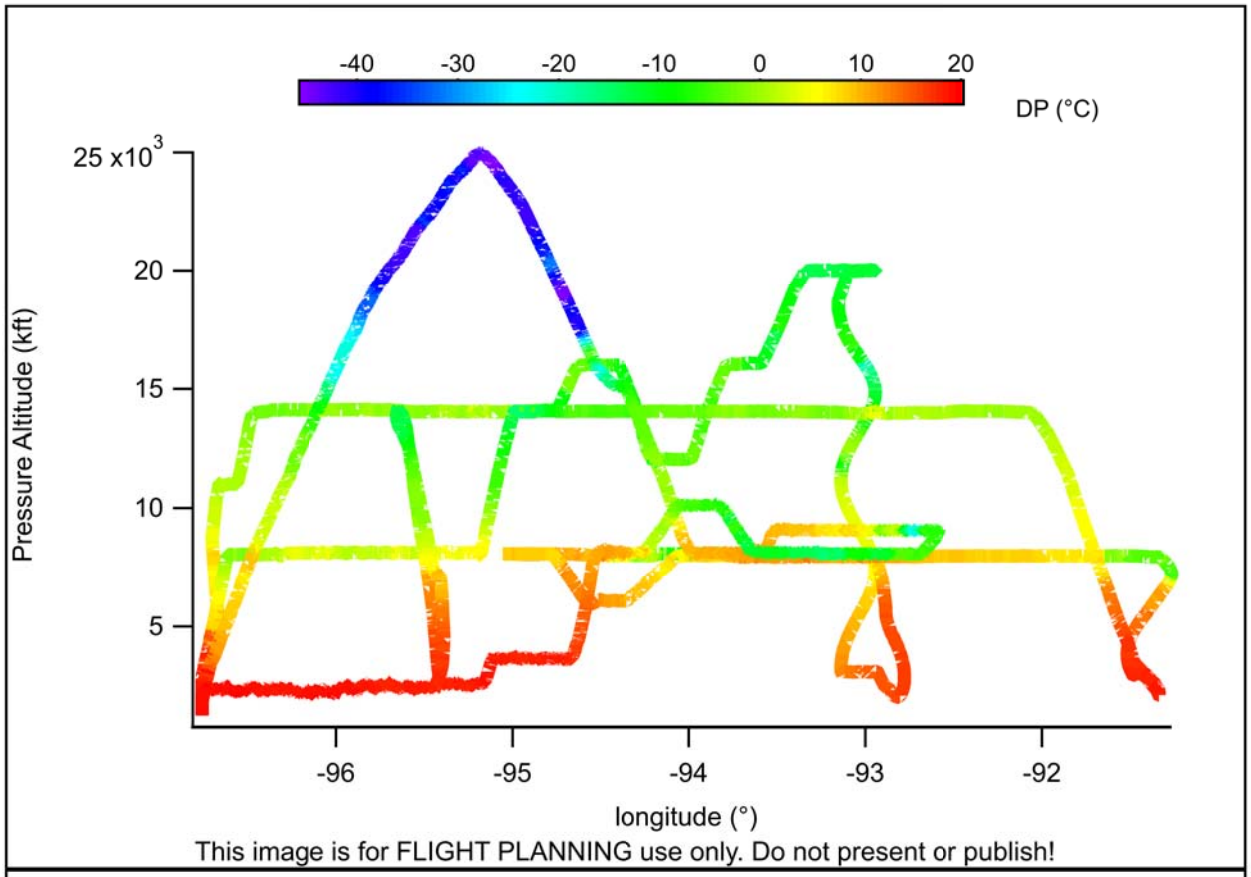

20
40
60
80
100
O3 (ppb)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
41
42
43
44
45
46
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

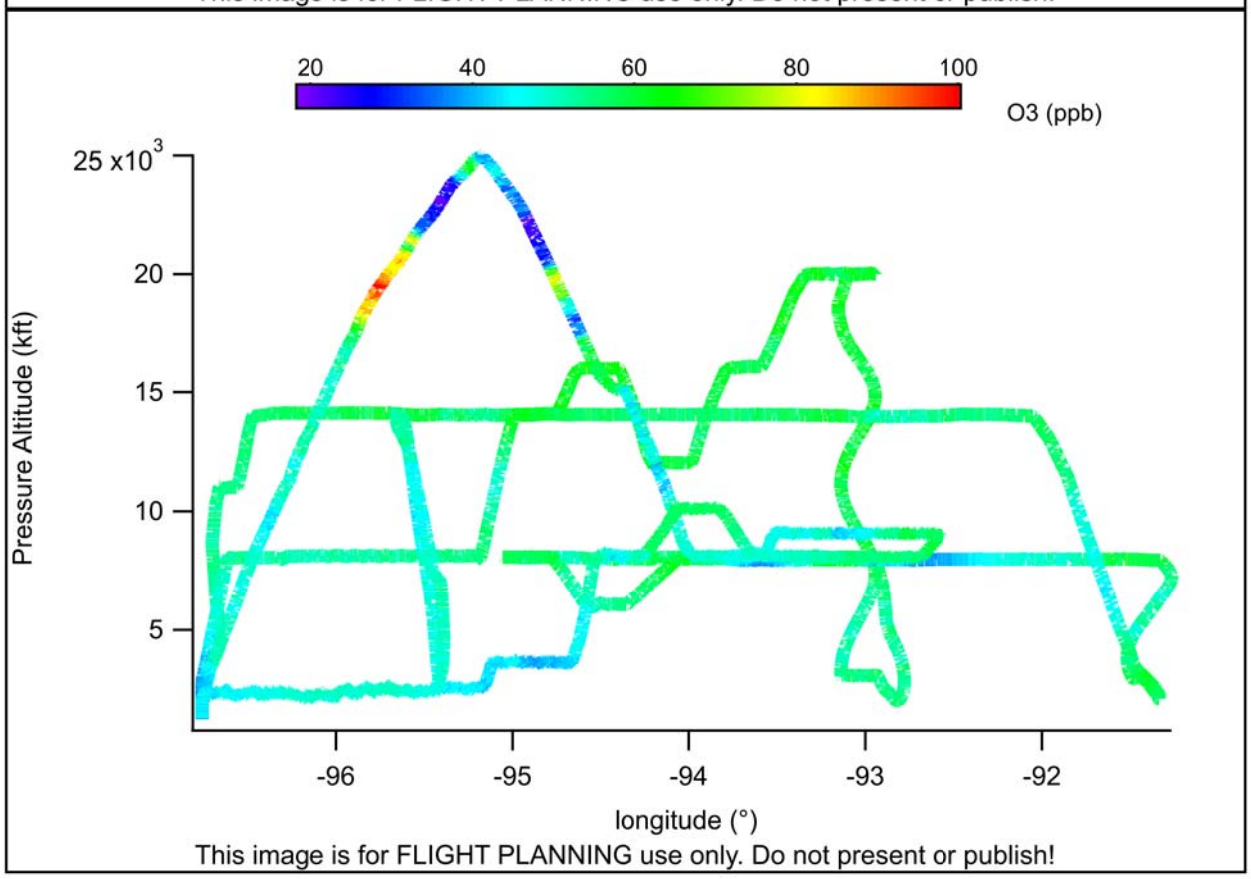

390
395
400
405
410
415
CO2 (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-96
-95
-94
-93
-92
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

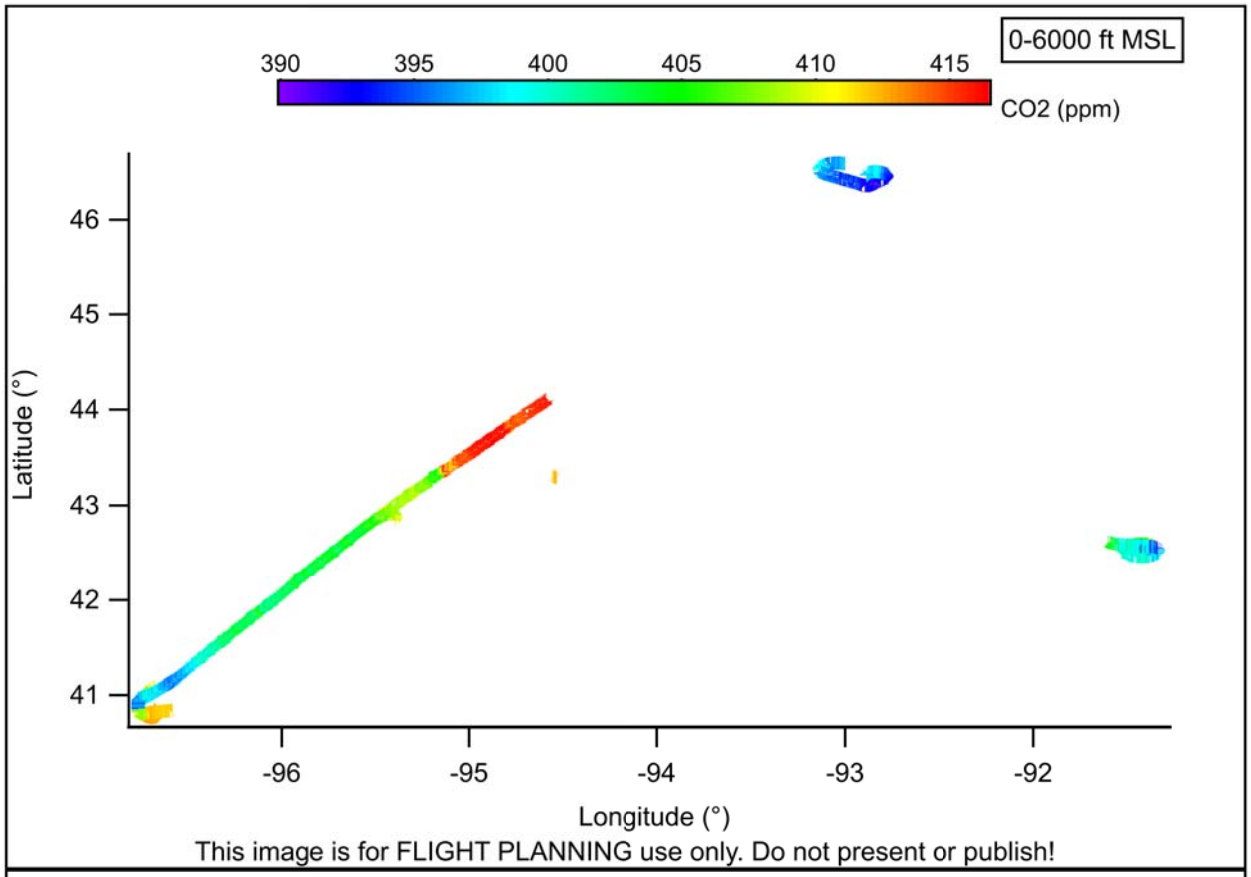

1.90
1.95
2.00
CH4 (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-96
-95
-94
-93
-92
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

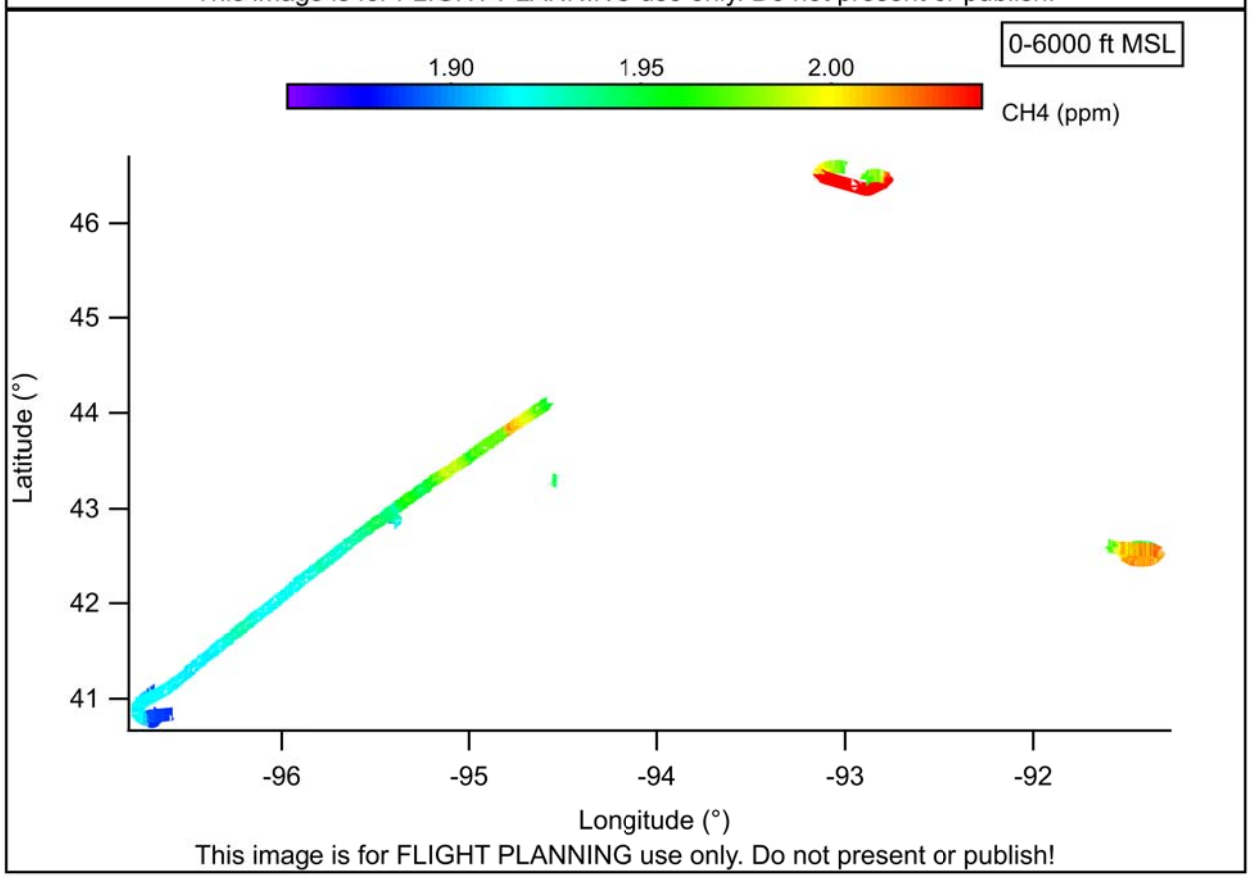

0.06
0.08
0.10
0.12
CO (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-96
-95
-94
-93
-92
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

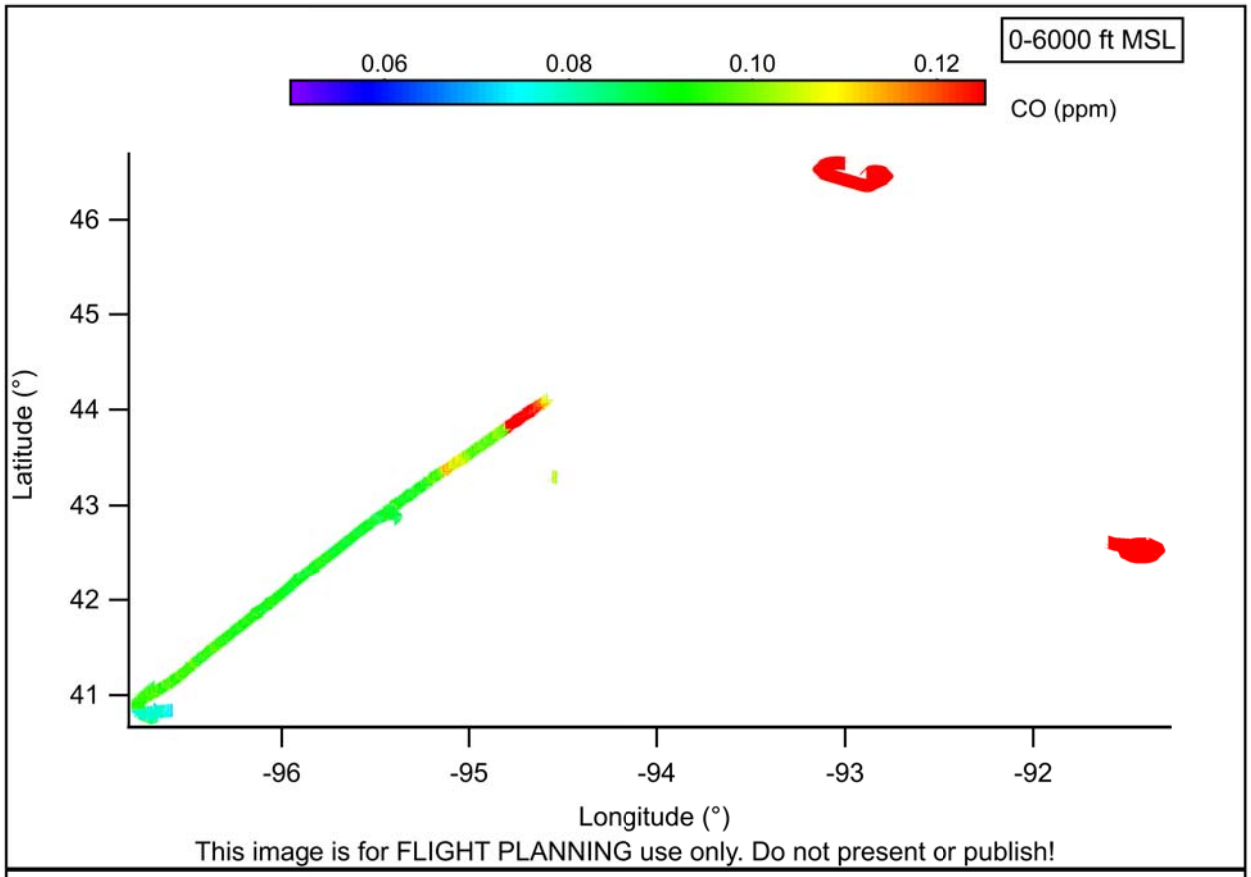

2
4
6
8
10
12
14
H2O_gkg (g/kg)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-96
-95
-94
-93
-92
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

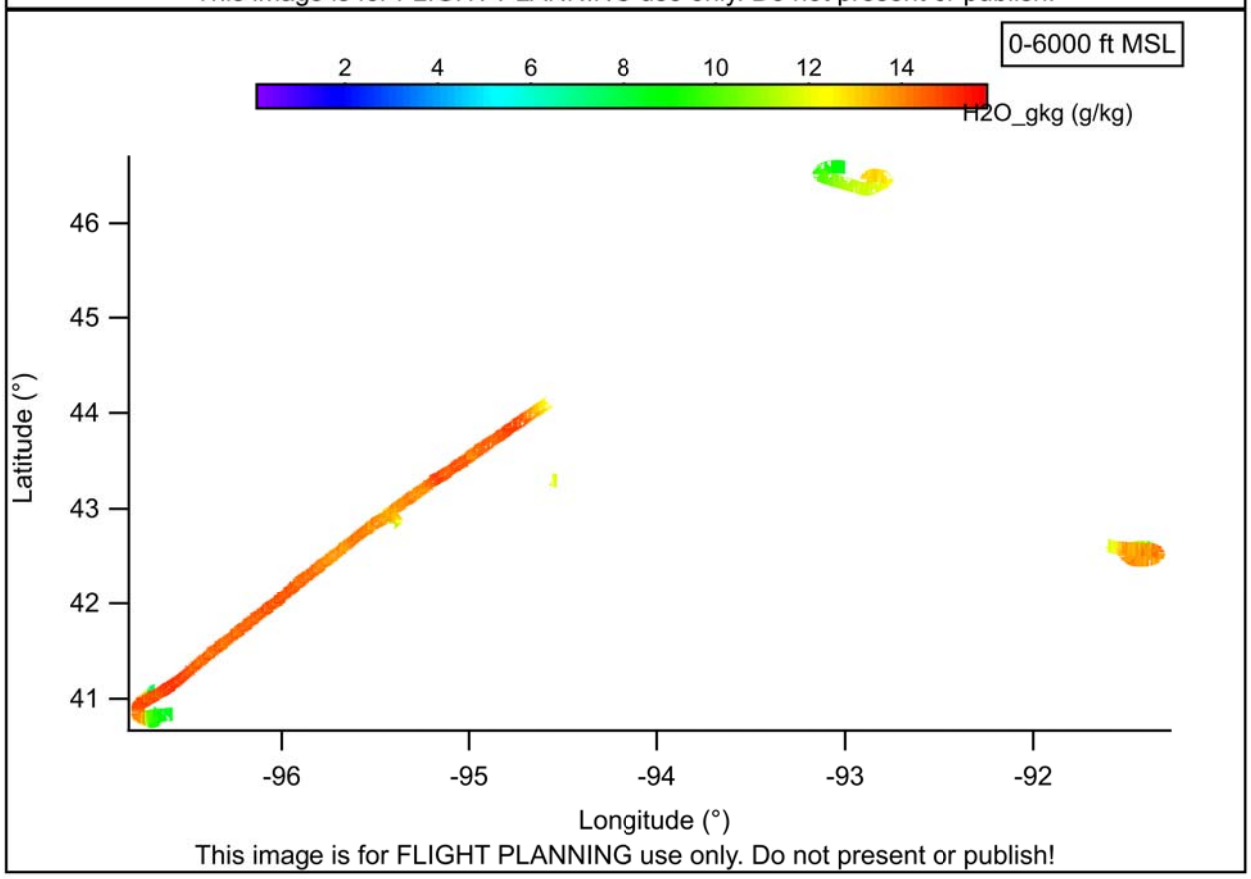

-40
-30
-20
-10
0
10
20
DP (°C)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-96
-95
-94
-93
-92
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

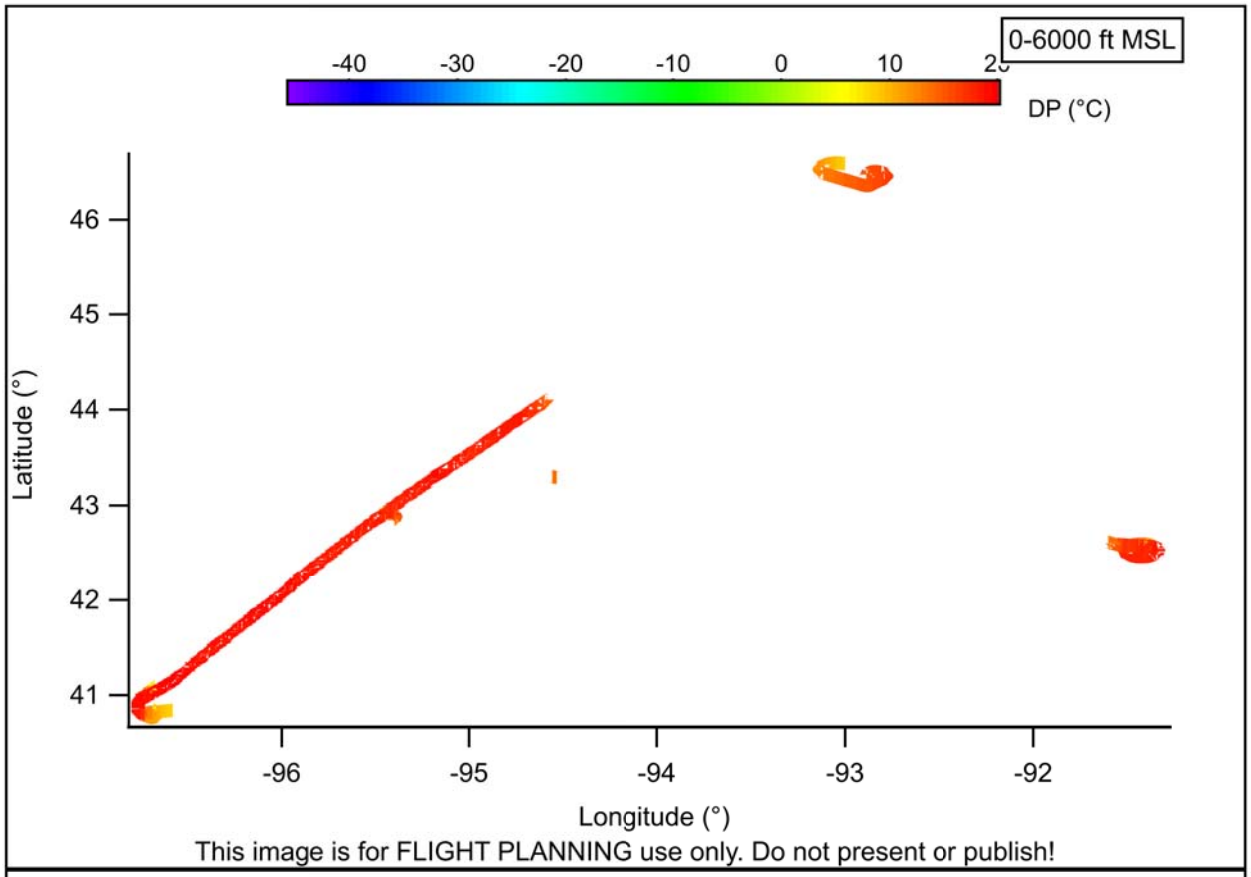

20
40
60
80
100
O3 (ppb)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-96
-95
-94
-93
-92
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

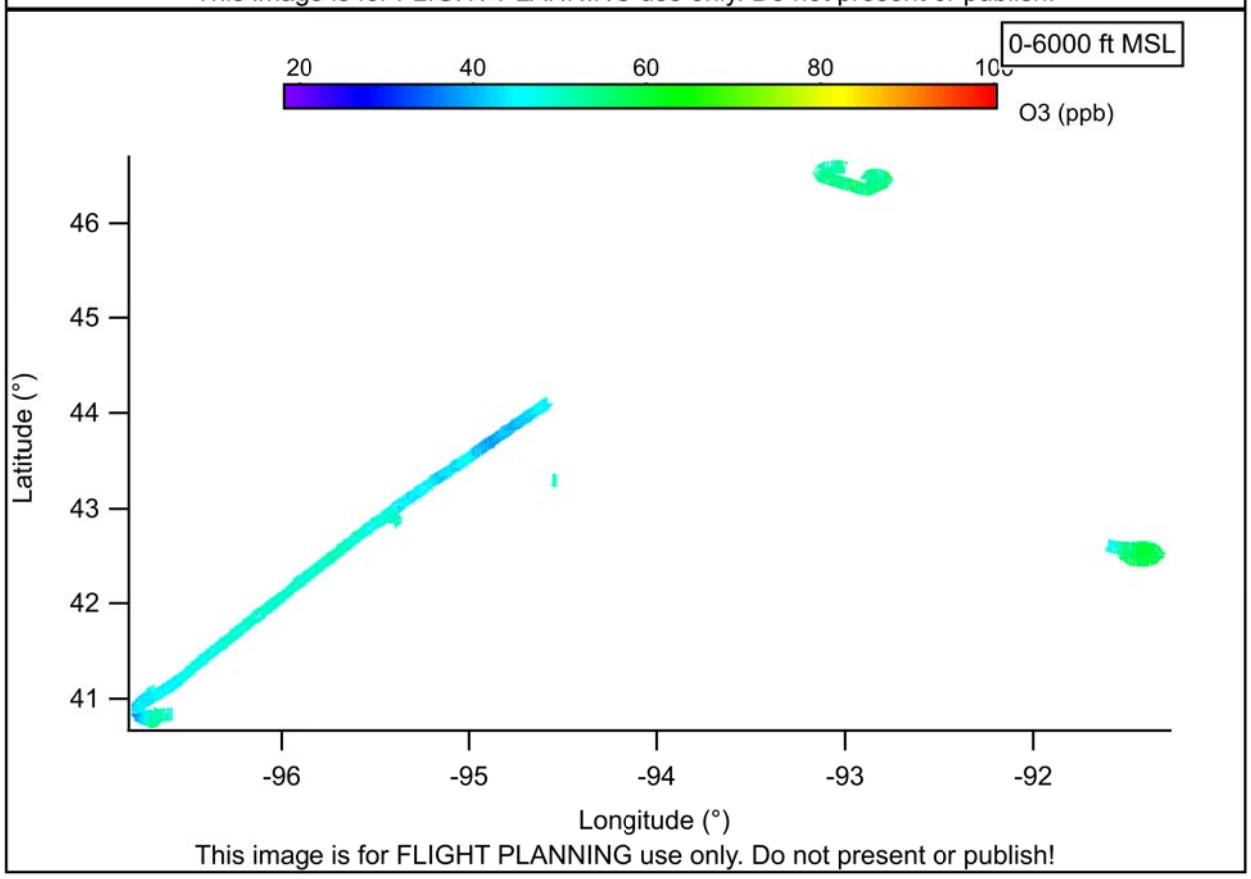

0-6000 ft MSL
390
395
400
405
410
415
CO2 (ppm)
46
45
44
43
42
41
Latitude (°)
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

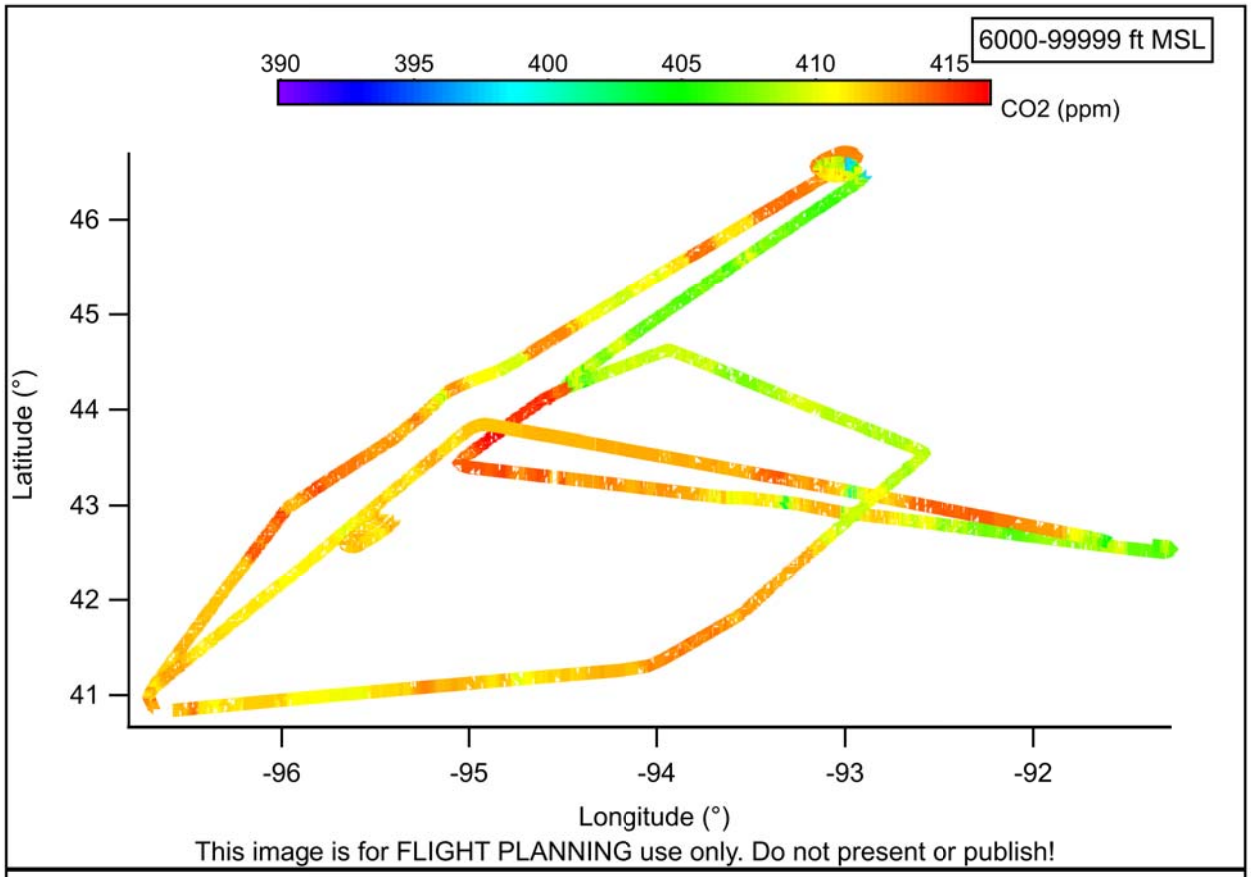

0-6000 ft MSL
1.90
1.95
2.00
CH4 (ppm)
46
45
44
43
42
41
Latitude (°)
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

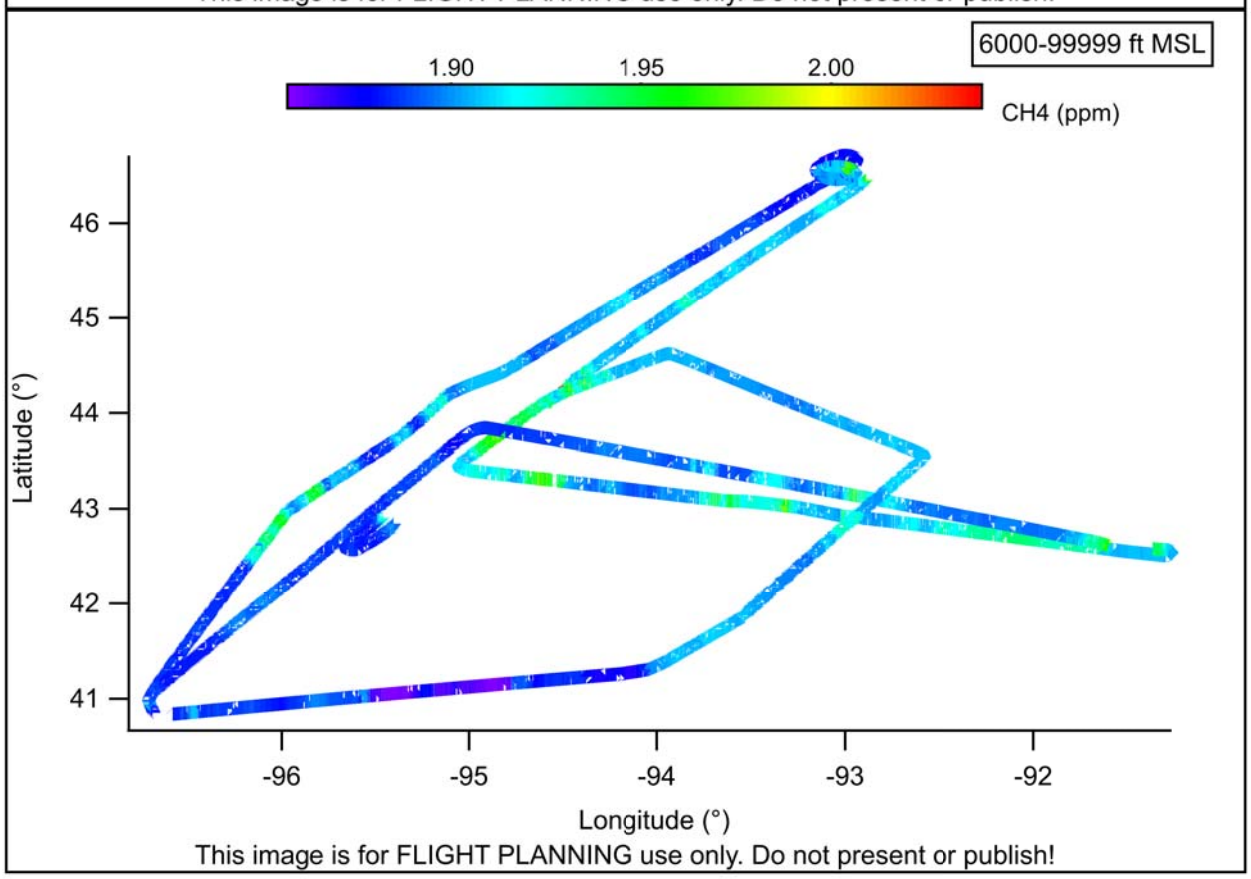

0-6000 ft MSL
0.06
0.08
0.10
0.12
CO (ppm)
46
45
44
43
42
41
Latitude (°)
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

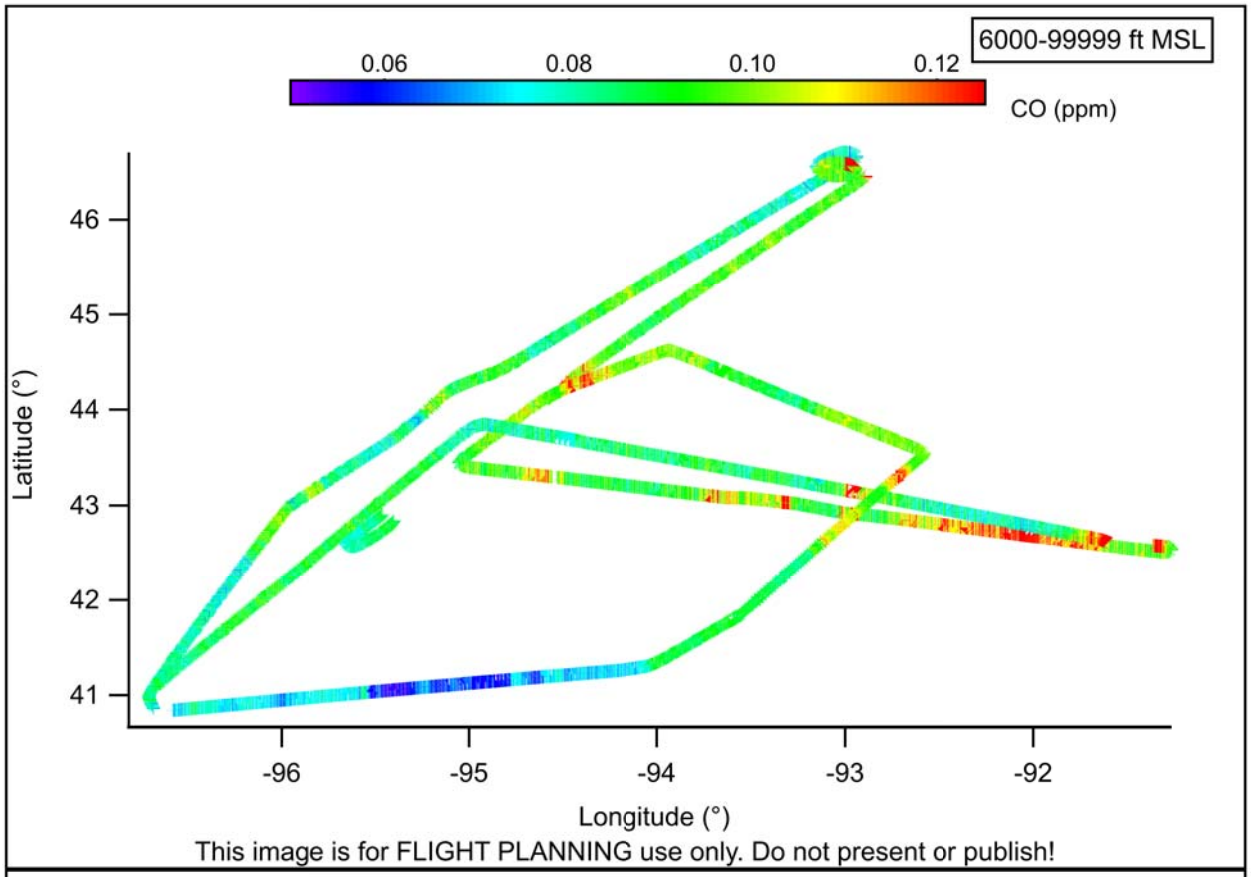

0-6000 ft MSL
2
4
6
8
10
12
14
H2O_gkg (g/kg)
46
45
44
43
42
41
Latitude (°)
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

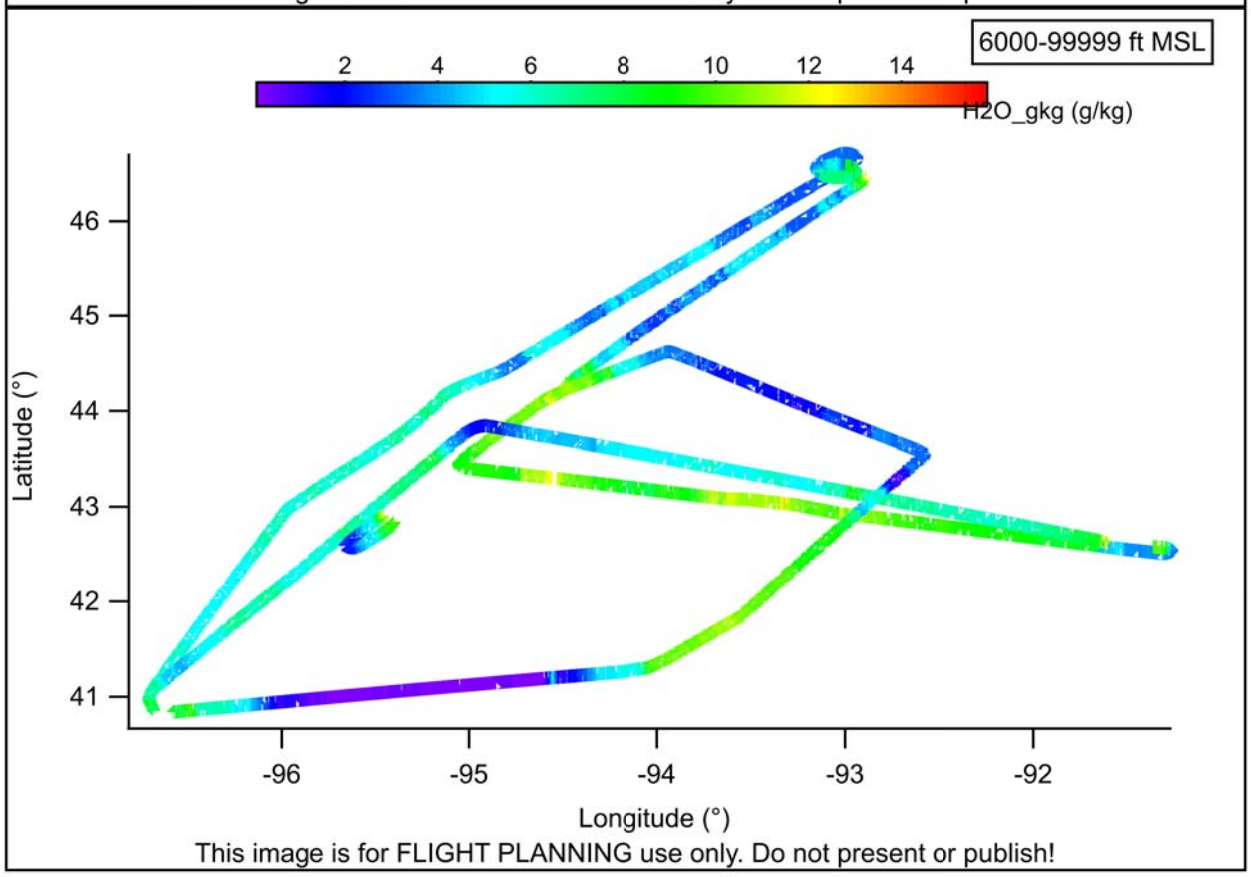

0-6000 ft MSL
-40
-30
-20
-10
0
10
DP (°C)
46
45
44
43
42
41
Latitude (°)
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

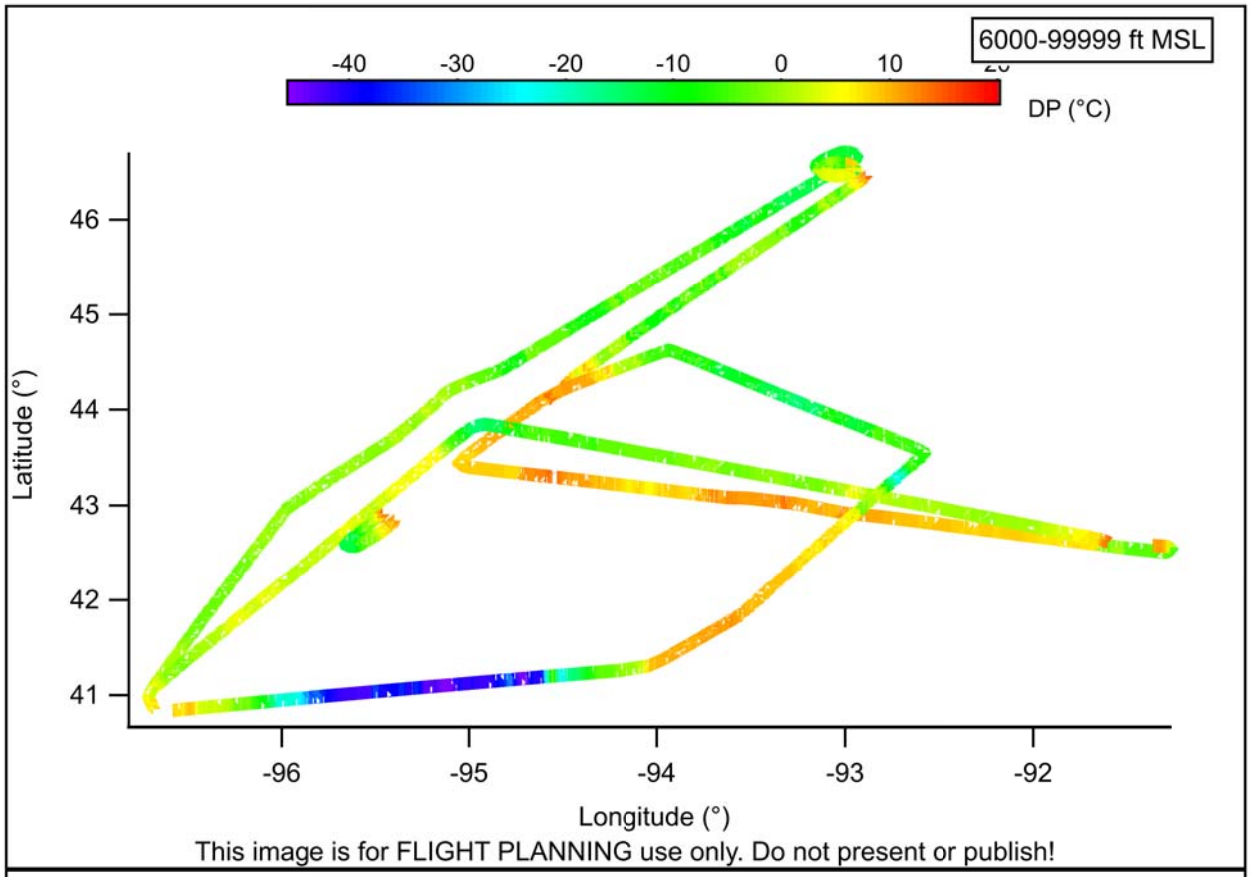

0-6000 ft MSL
20
40
60
80
O3 (ppb)
46
45
44
43
42
41
Latitude (°)
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

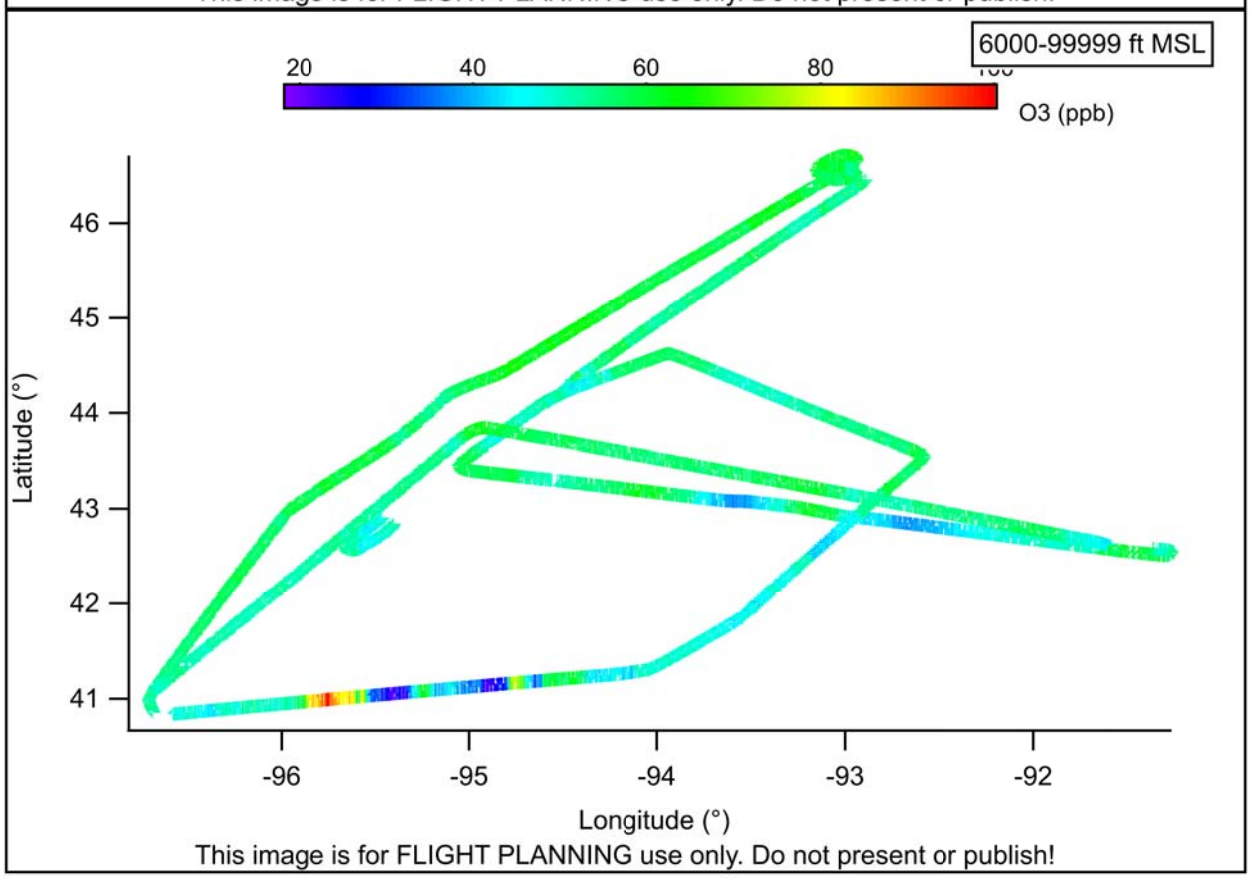

6000-99999 ft MSL
390
395
400
405
410
415
CO2 (ppm)
46
45
44
43
42
41
Latitude (°)
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

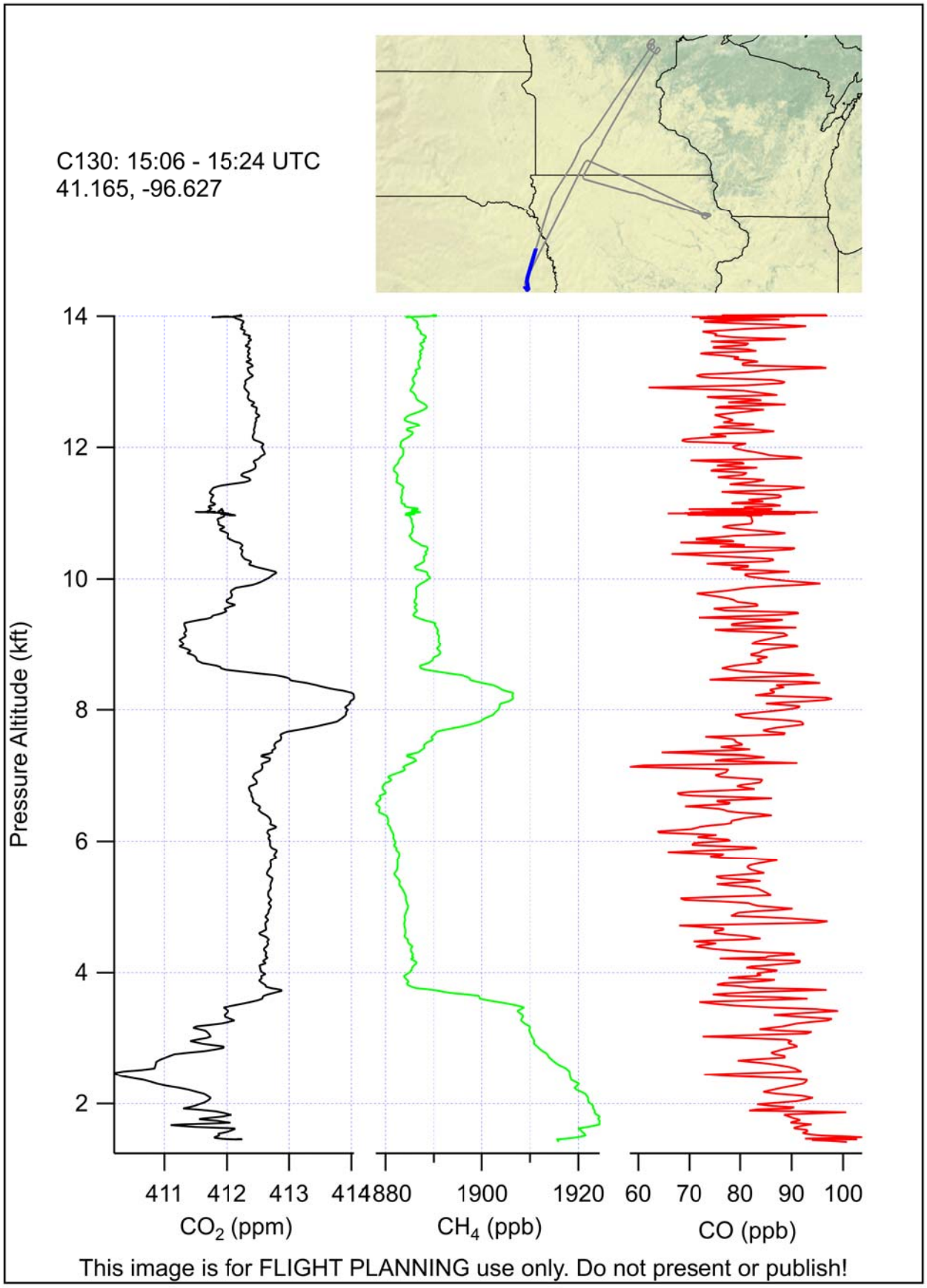

6000-99999 ft MSL
1.90
1.95
2.00
CH4 (ppm)
46
45
44
43
42
41
Latitude (°)
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

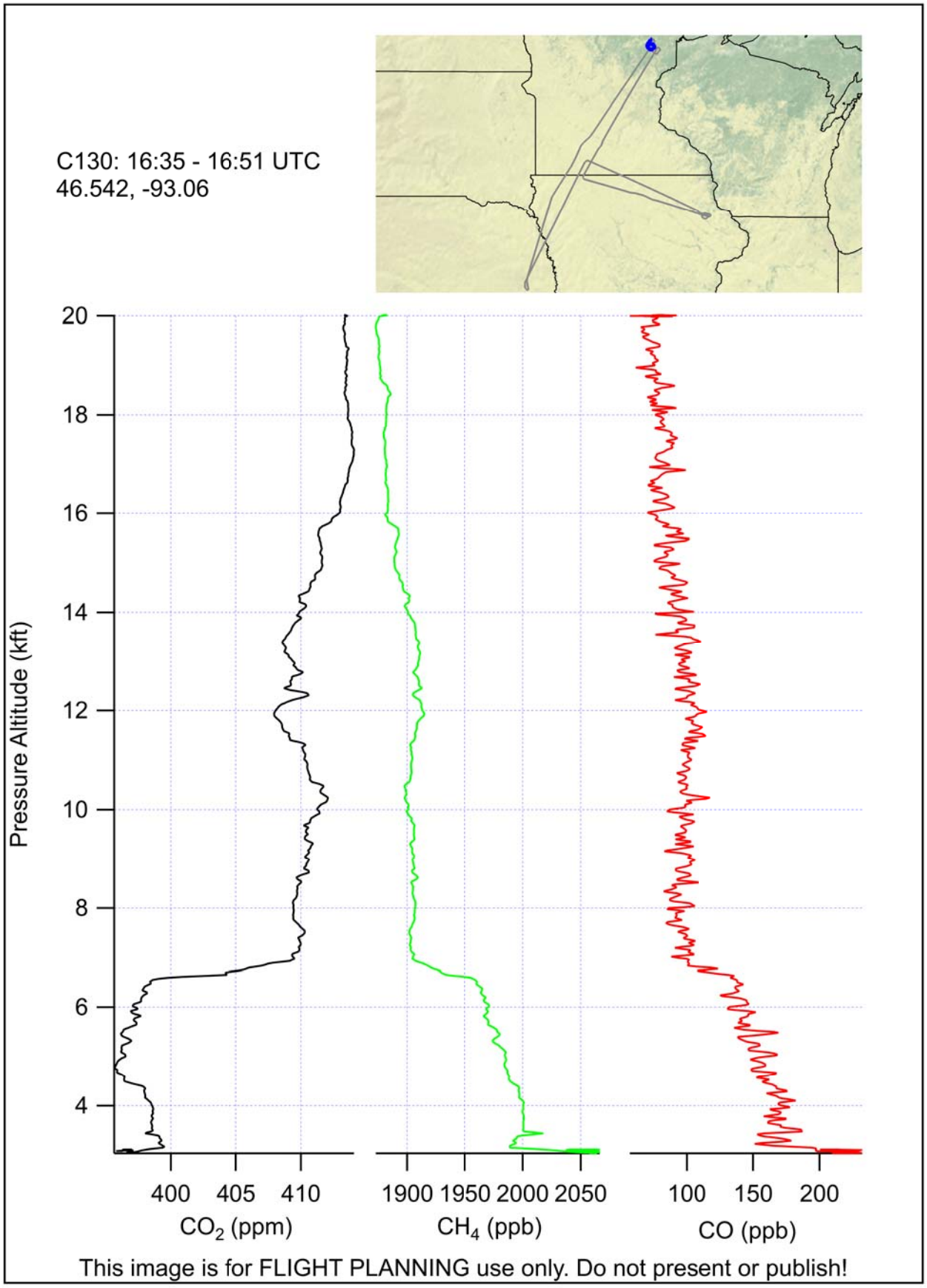

6000-99999 ft MSL
0.06
0.08
0.10
0.12
CO (ppm)
46
45
44
43
42
41
Latitude (°)
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

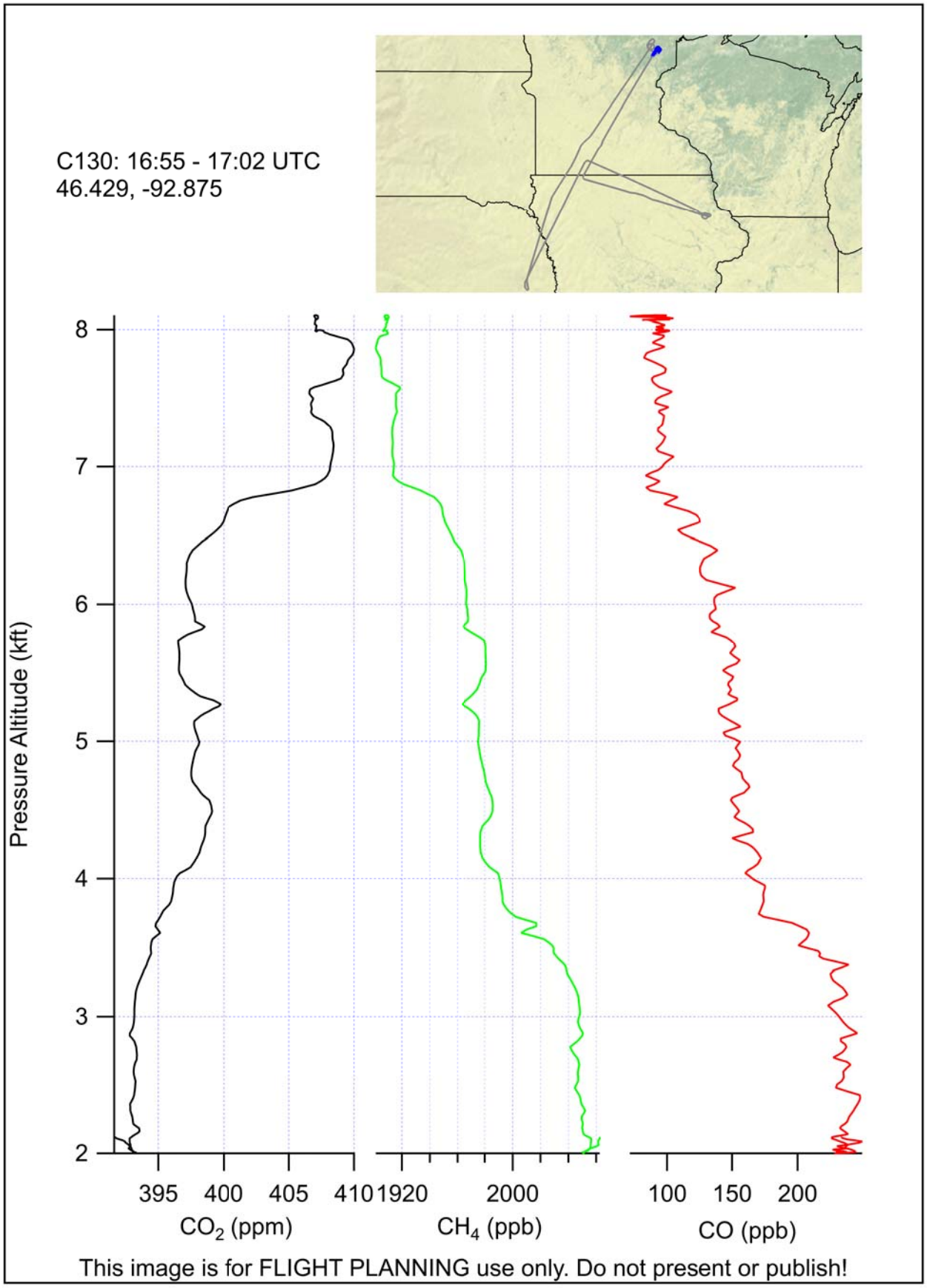

6000-99999 ft MSL
2
4
6
8
10
12
14
H2O_gkg (g/kg)
46
45
44
43
42
41
Latitude (°)
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

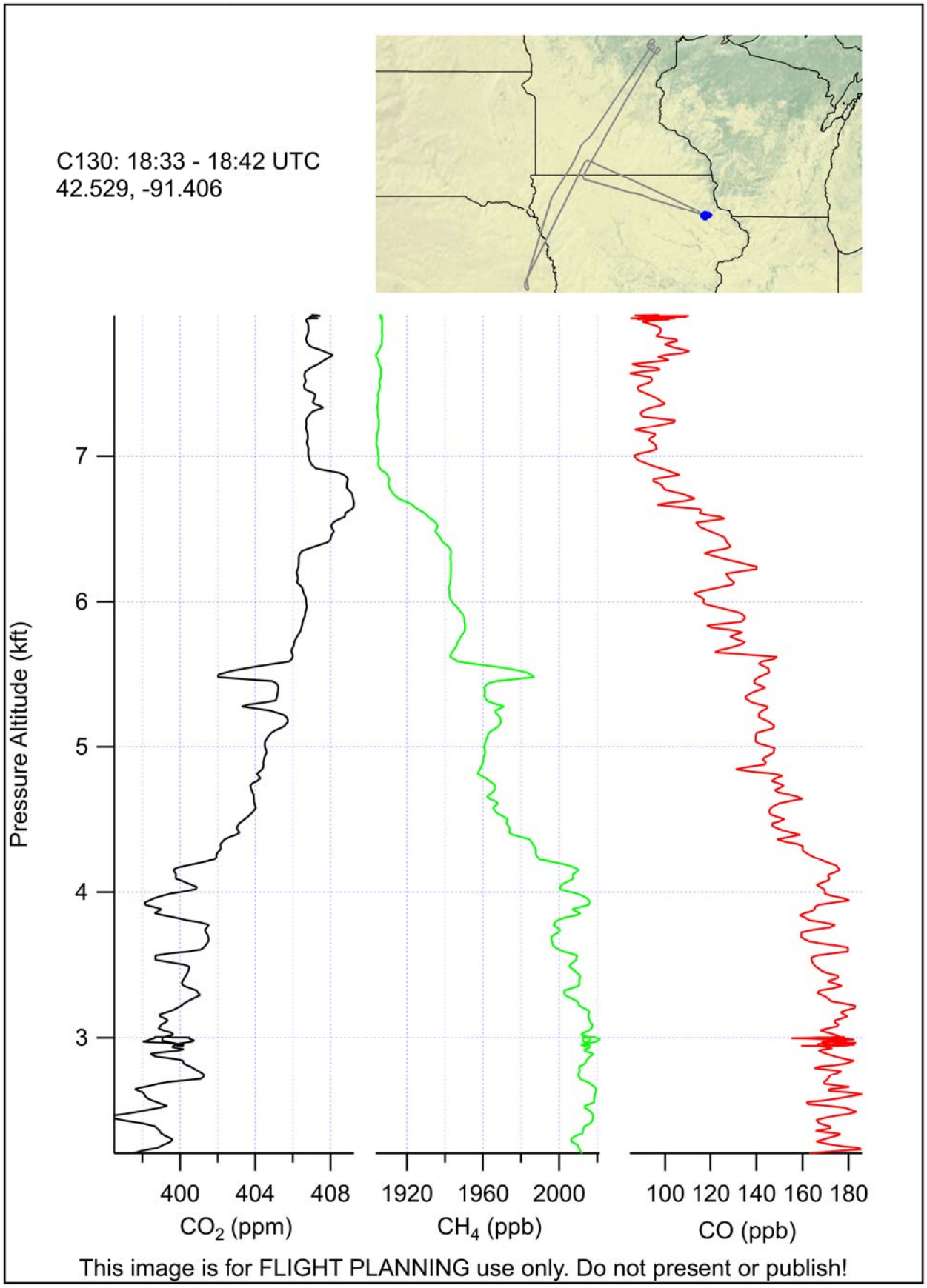

6000-99999 ft MSL
-40
-30
-20
-10
0
10
DP (°C)
46
45
44
43
42
41
Latitude (°)
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

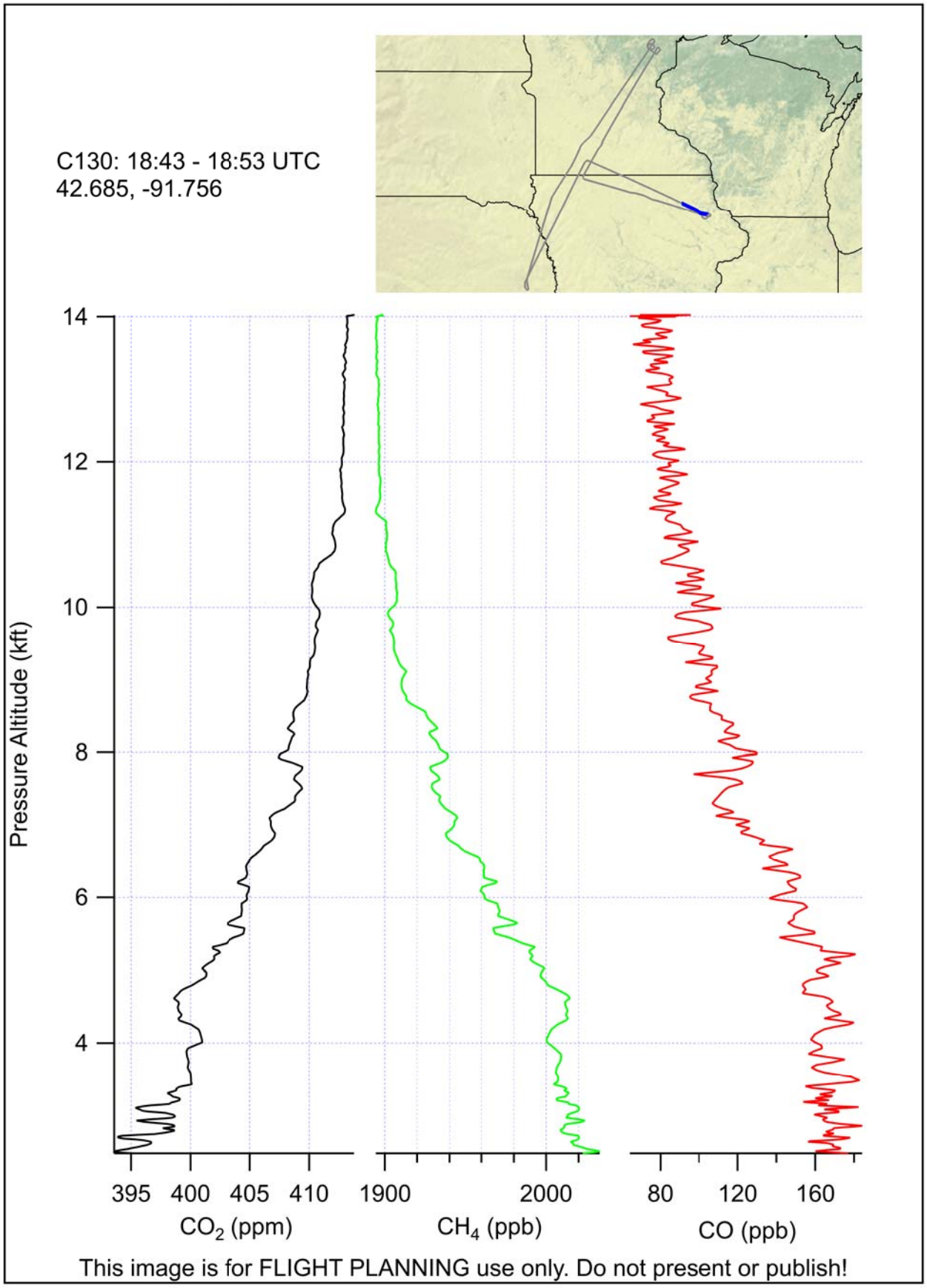

6000-99999 ft MSL
20
40
60
80
O3 (ppb)
46
45
44
43
42
41
Latitude (°)
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

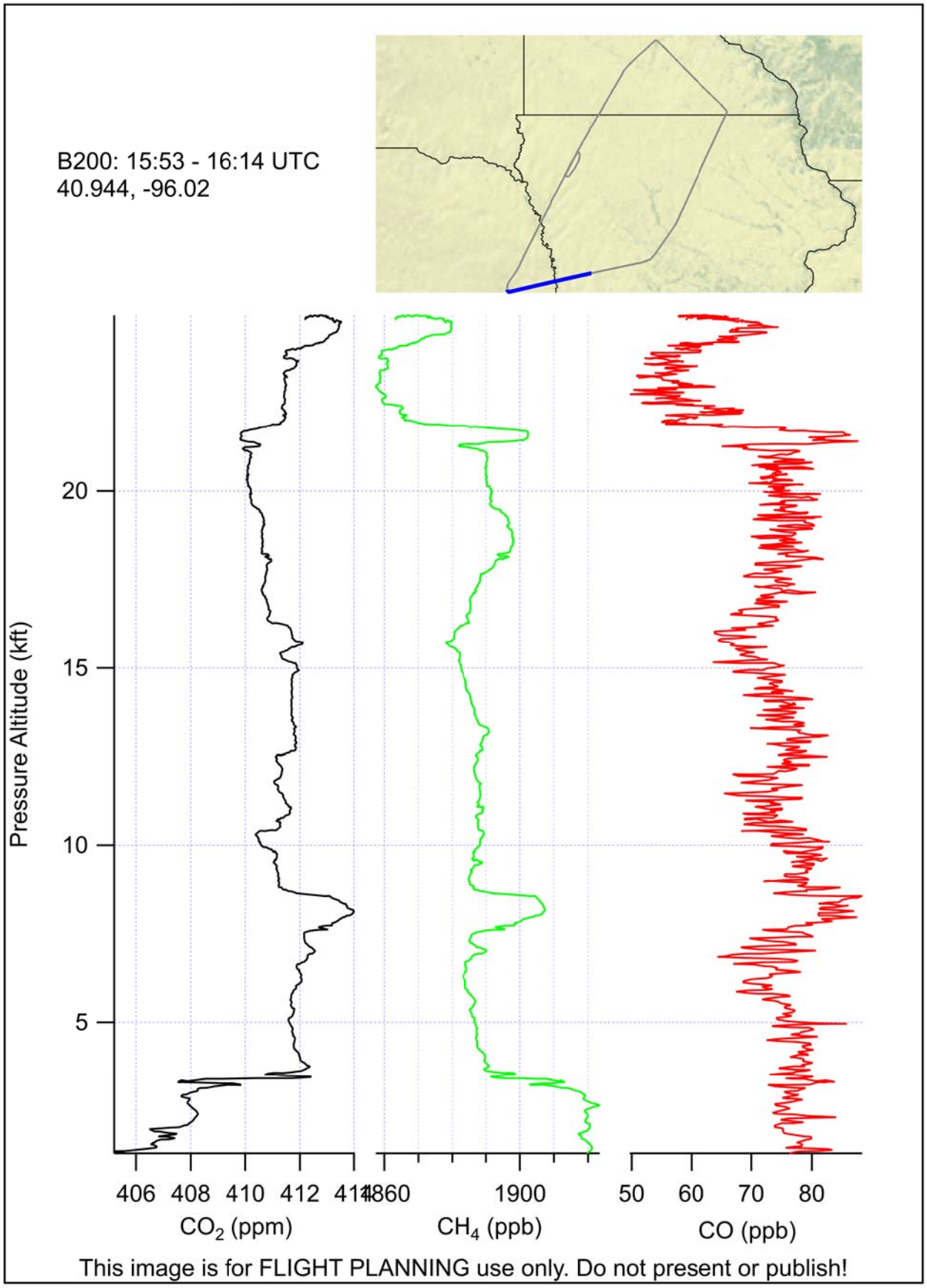

C130: 15:06 - 15:24 UTC
41.165, -96.627
Pressure Altitude (kft)
14
12
10
8
6
4
2
411
412
413
414
CO_2 (ppm)
880
1900
1920
CH_4 (ppb)
60
70
80
90
100
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

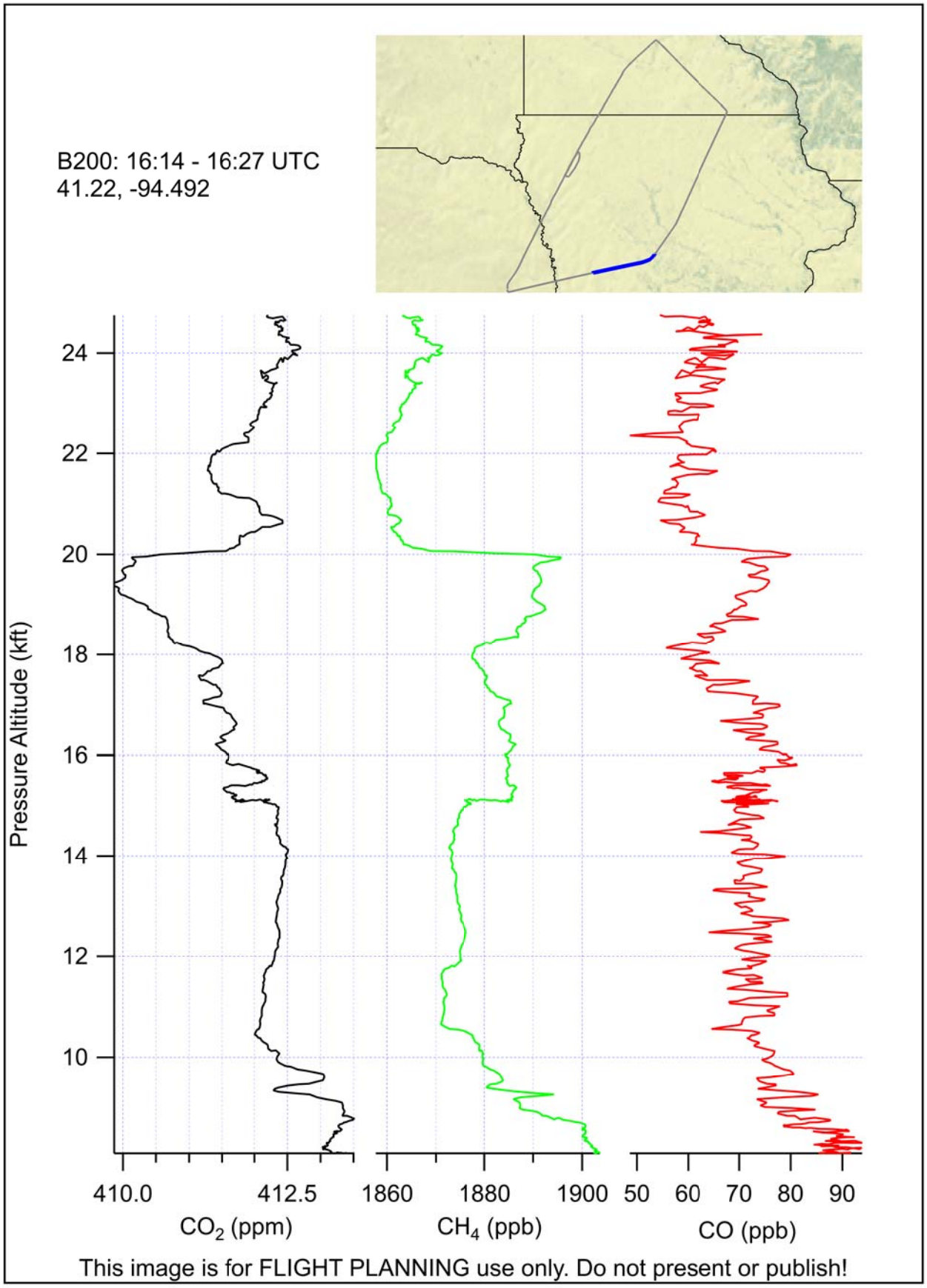

C130: 16:35 - 16:51 UTC
46.542, -93.06
Pressure Altitude (kft)
20
18
16
14
12
10
8
6
4
400 405 410
CO2 (ppm)
1900 1950 2000 2050
CH4 (ppb)
100 150 200
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

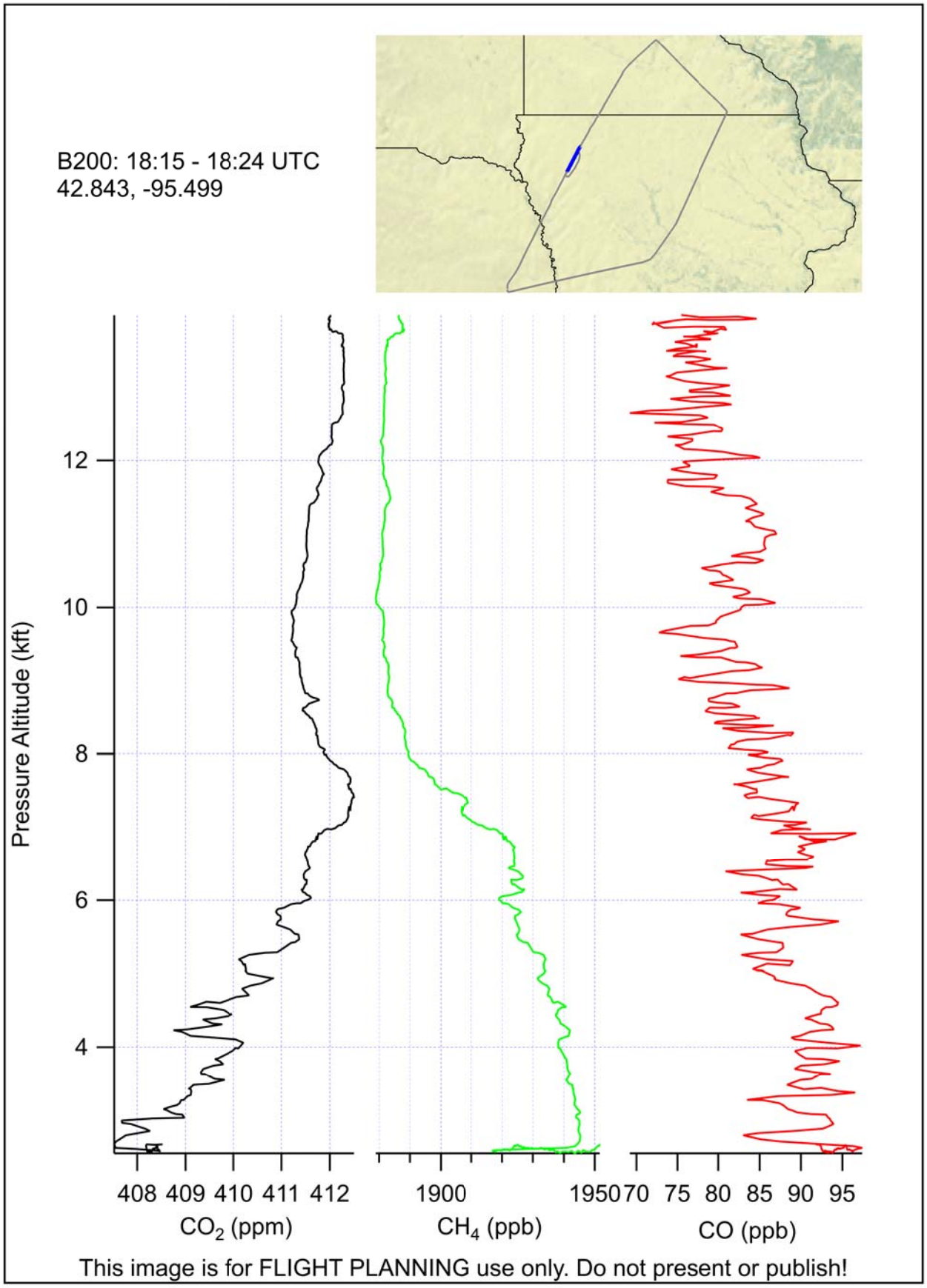

C130: 16:55 - 17:02 UTC
46.429, -92.875
Pressure Altitude (kft)
8
7
6
5
4
3
2
395
400
405
410
CO_2 (ppm)
1920
2000
CH_4 (ppb)
100
150
200
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

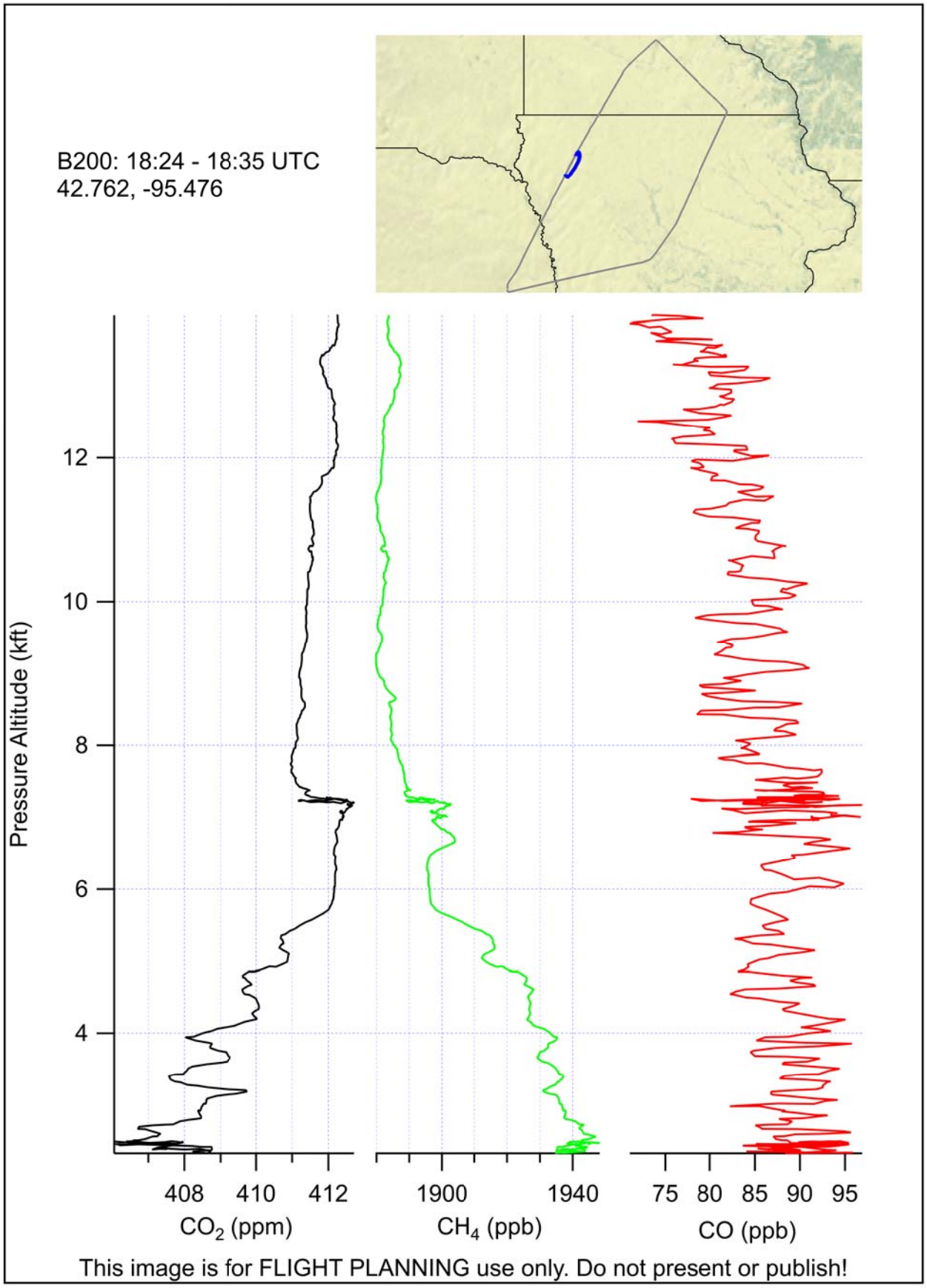

C130: 18:33 - 18:42 UTC
42.529, -91.406
Pressure Altitude (kft)
7
6
5
4
3
400
404
408
CO2 (ppm)
1920
1960
2000
CH4 (ppb)
100
120
140
160
180
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

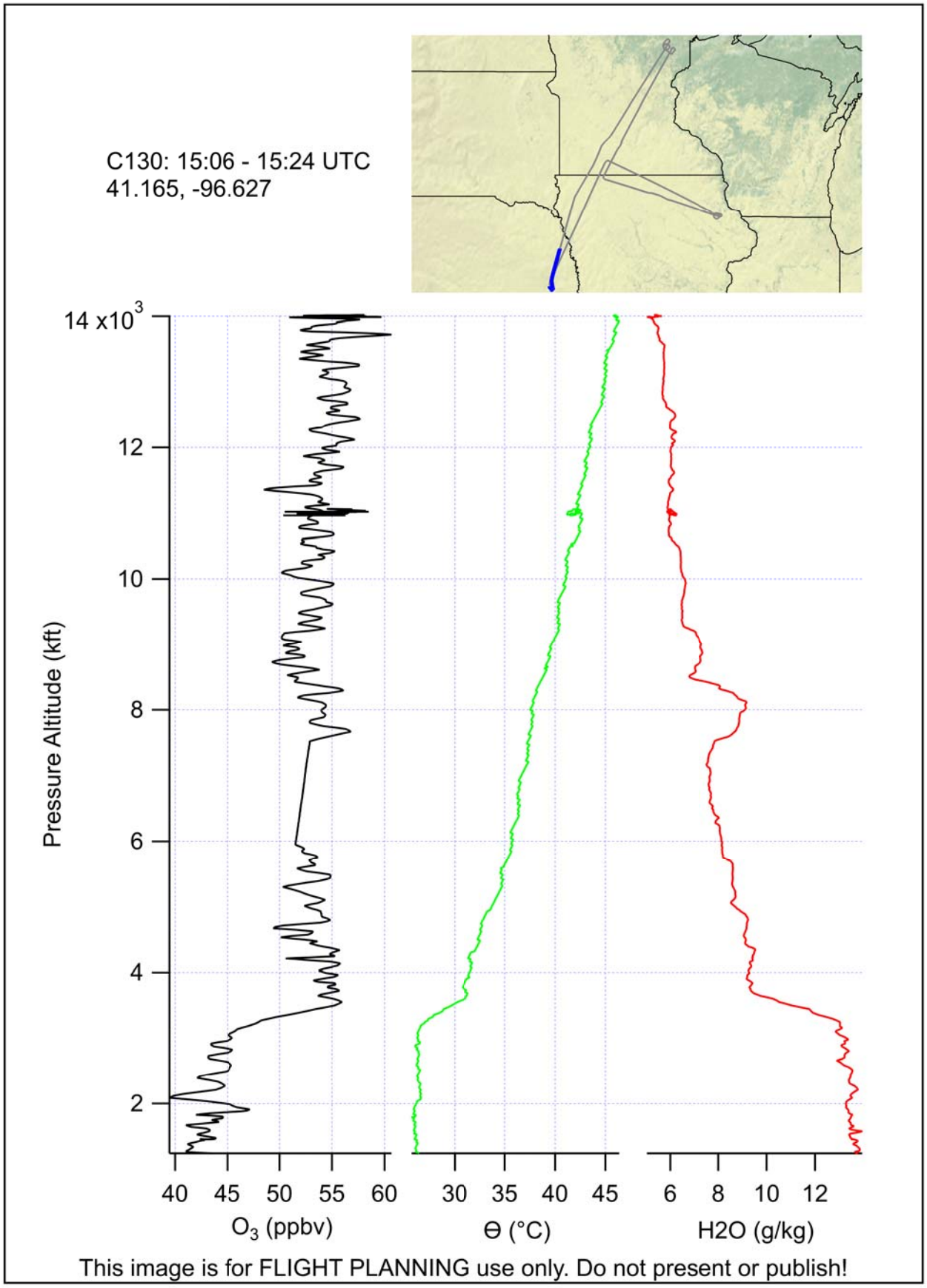

C130: 18:43 - 18:53 UTC
42.685, -91.756
Pressure Altitude (kft)
14
12
10
8
6
4
395 400 405 410
CO2 (ppm)
1900 2000
CH4 (ppb)
80 120 160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

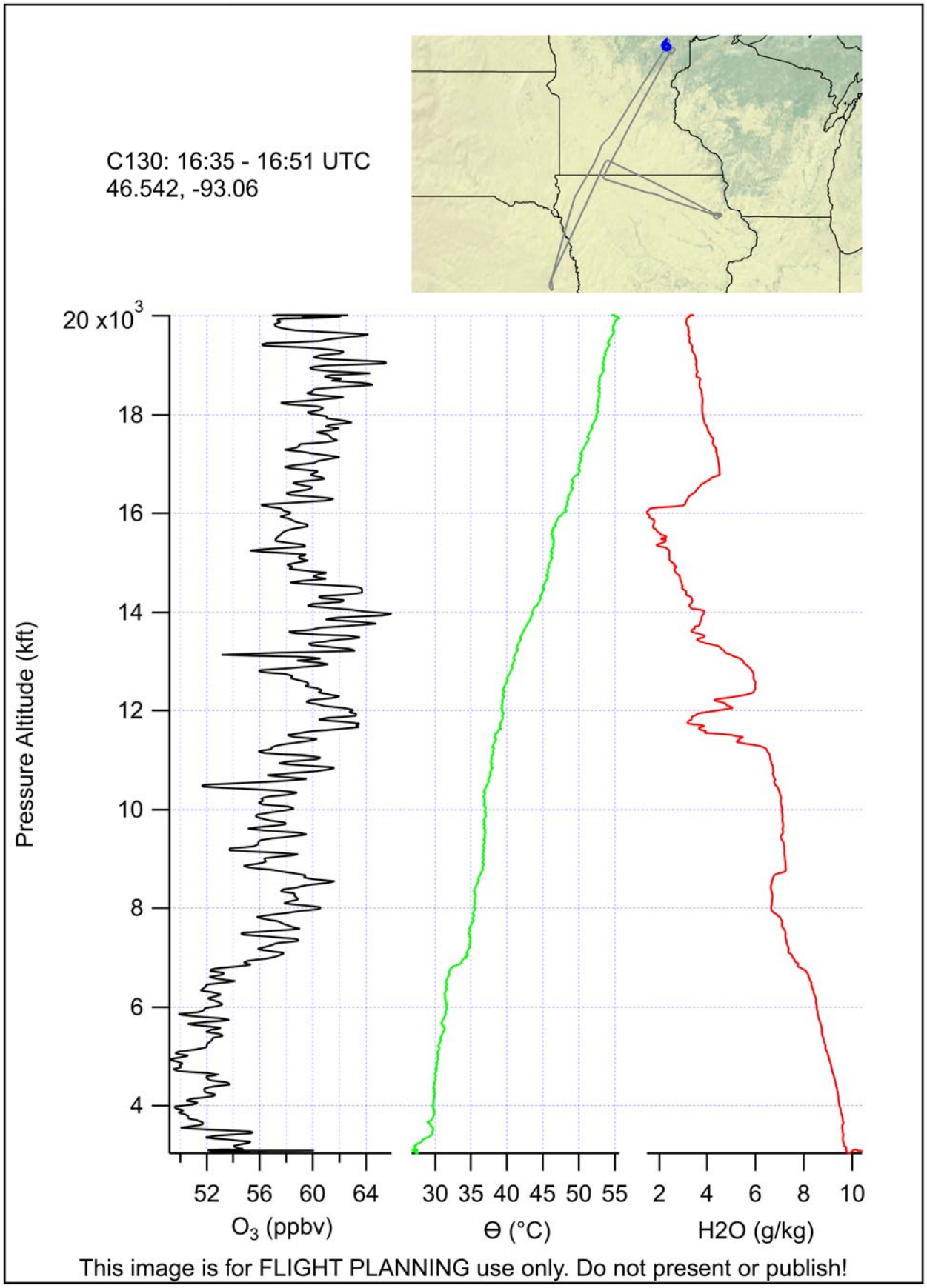

B200: 15:53 - 16:14 UTC
40.944, -96.02
Pressure Altitude (kft)
20
15
10
5
406 408 410 412 414
CO_2 (ppm)
1860 1900
CH_4 (ppb)
50 60 70 80
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

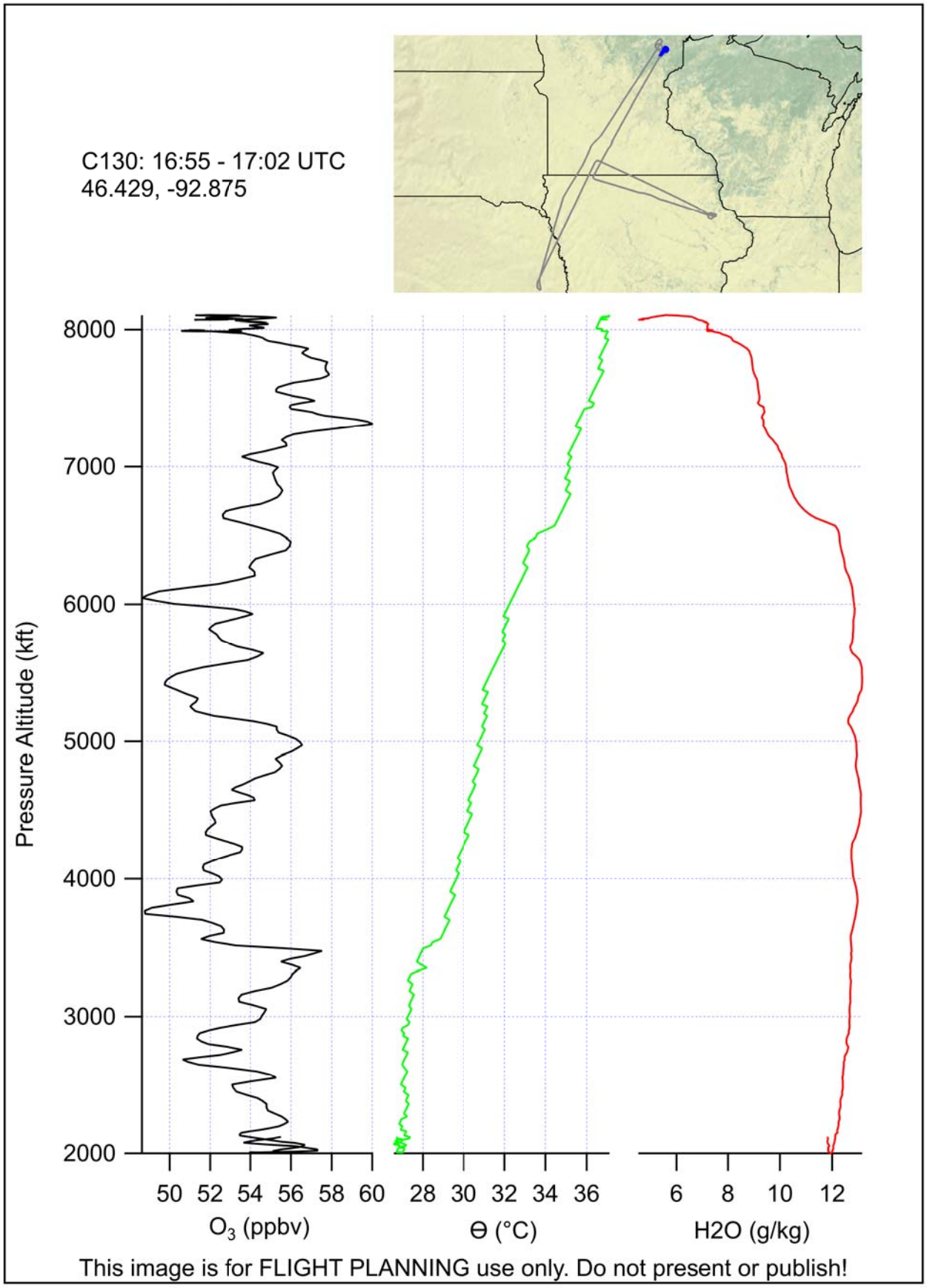

B200: 16:14 - 16:27 UTC
41.22, -94.492
Pressure Altitude (kft)
24
22
20
18
16
14
12
10
410.0
412.5
CO2 (ppm)
1860
1880
1900
CH4 (ppb)
50
60
70
80
90
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

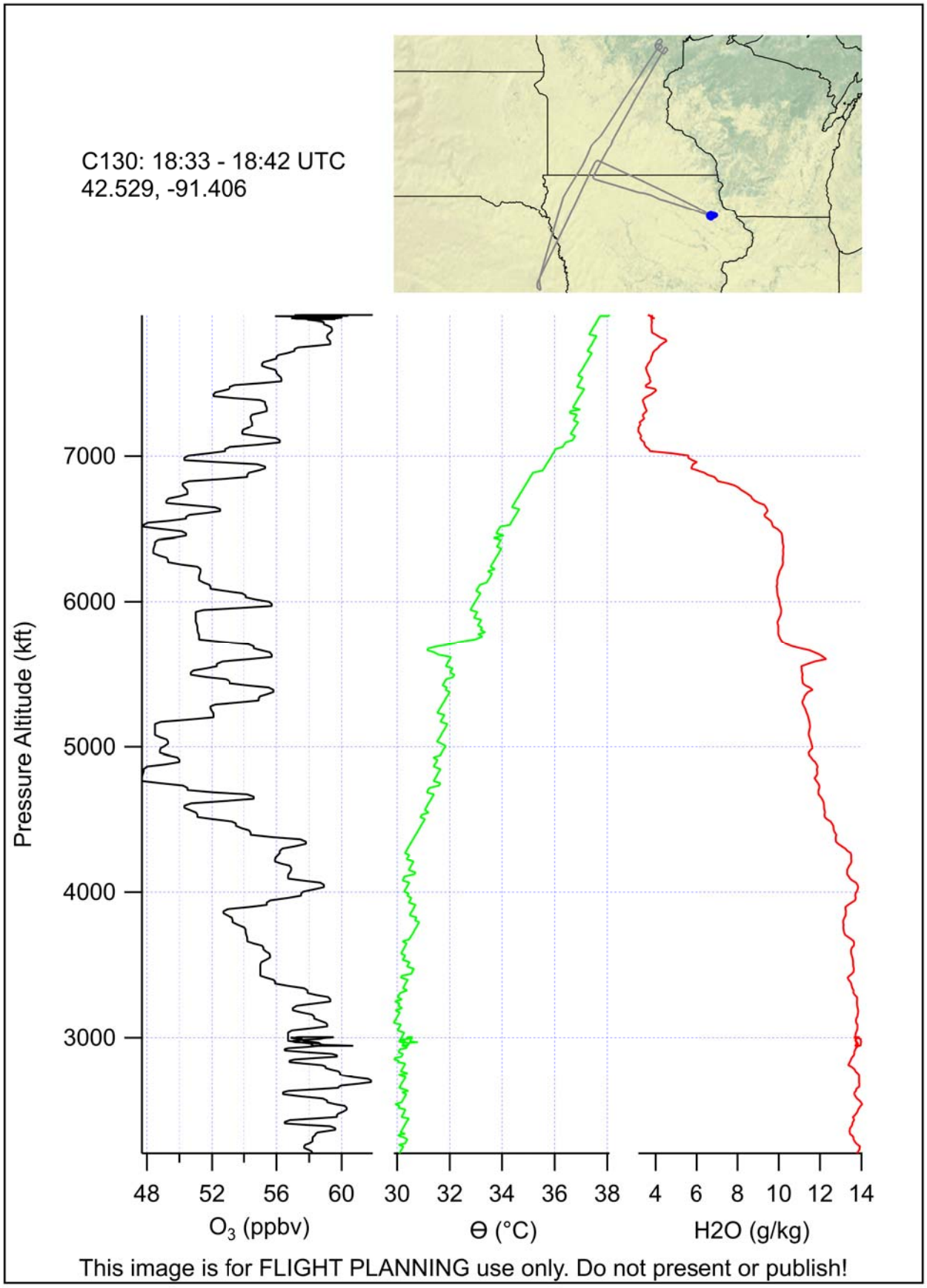

B200: 18:15 - 18:24 UTC
42.843, -95.499
Pressure Altitude (kft)
12
10
8
6
4
408 409 410 411 412
CO2 (ppm)
1900
1950
CH4 (ppb)
70 75 80 85 90 95
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

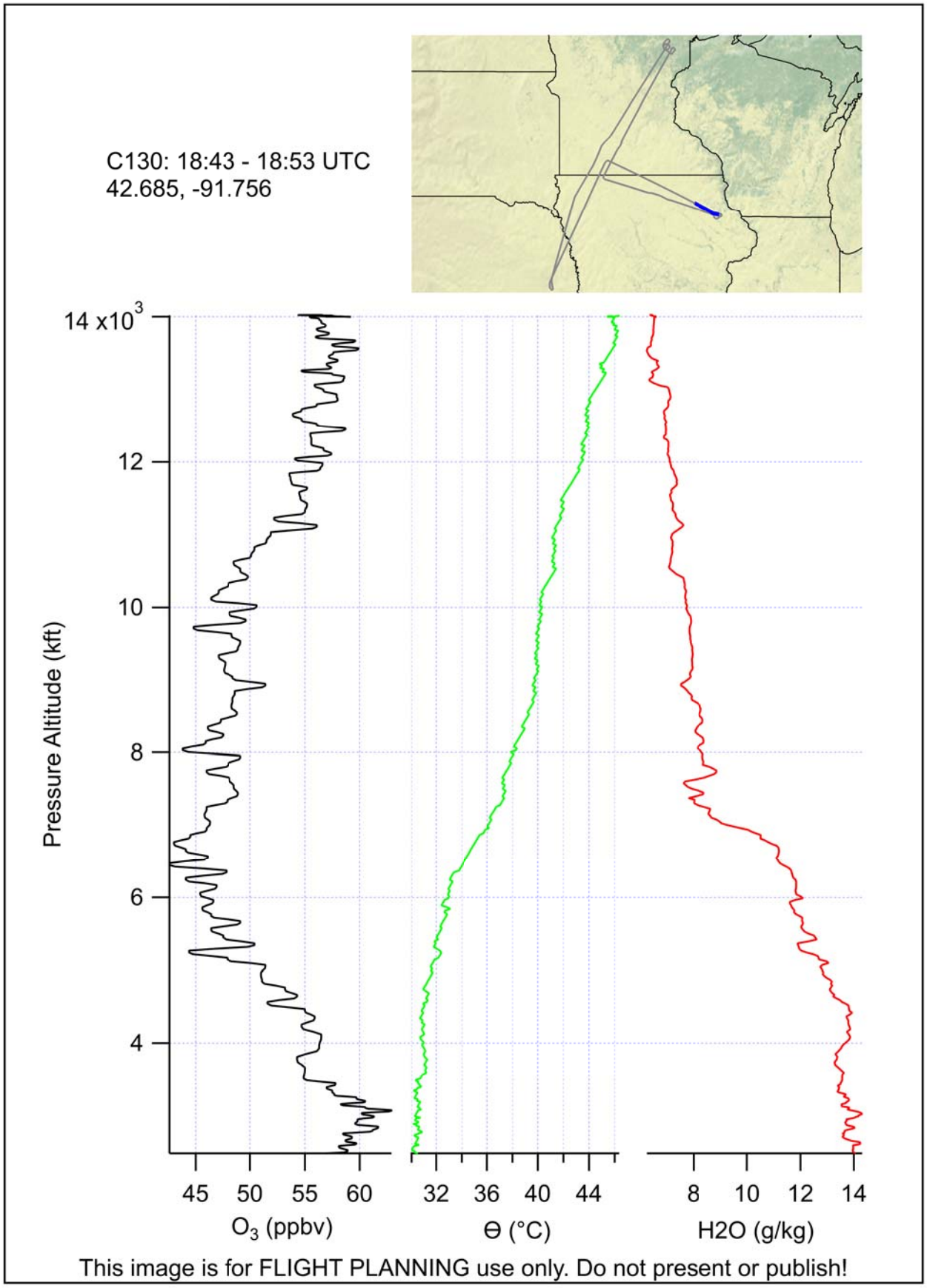

B200: 18:24 - 18:35 UTC
42.762, -95.476
Pressure Altitude (kft)
12
10
8
6
4
408
410
412
CO2 (ppm)
1900
1940
CH4 (ppb)
75
80
85
90
95
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

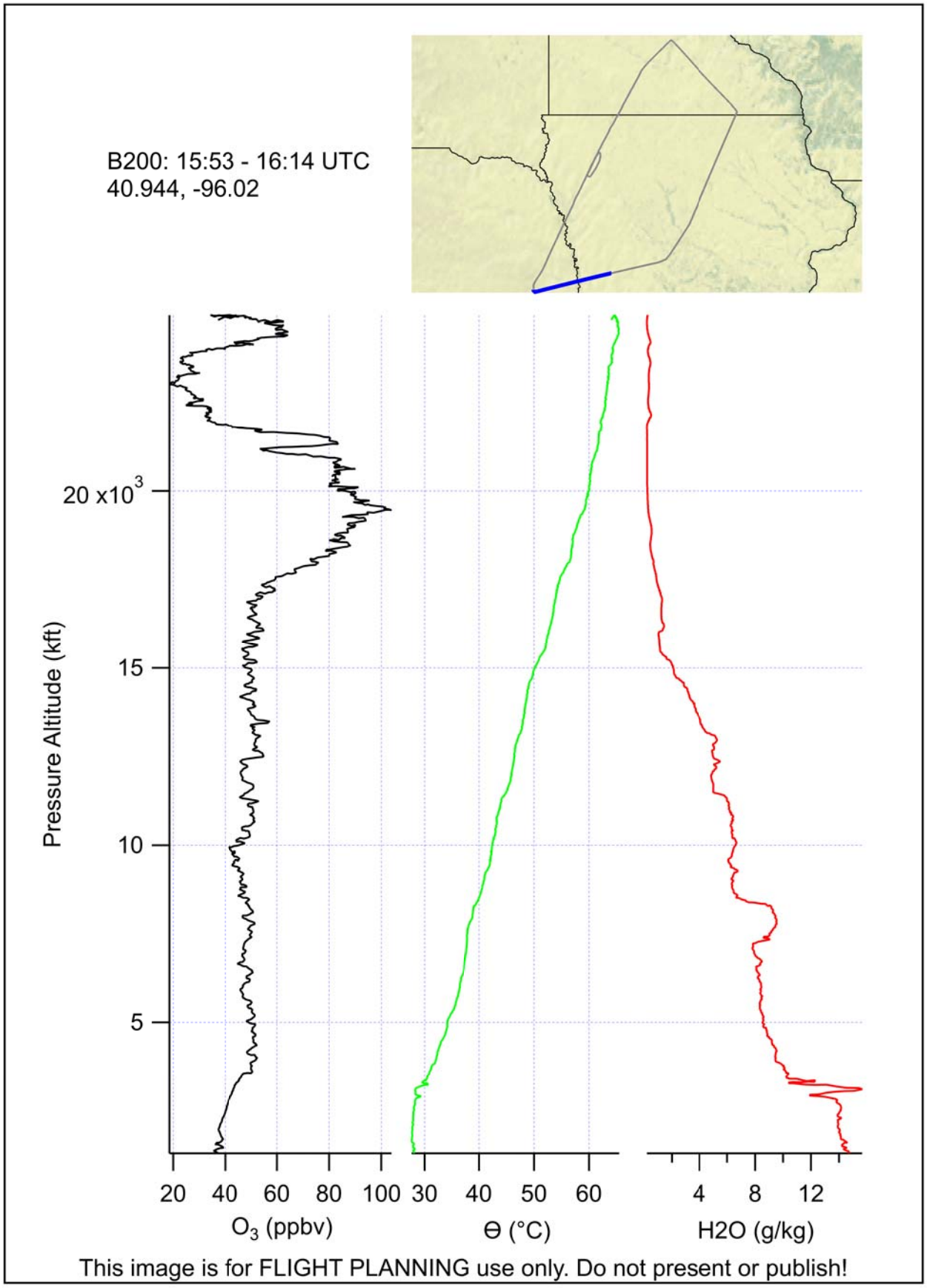

C130: 15:06 - 15:24 UTC
41.165, -96.627
14 x10^3
12
10
8
6
4
2
Pressure Altitude (kft)
40 45 50 55 60
O3 (ppbv)
30 35 40 45
Θ (°C)
6 8 10 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

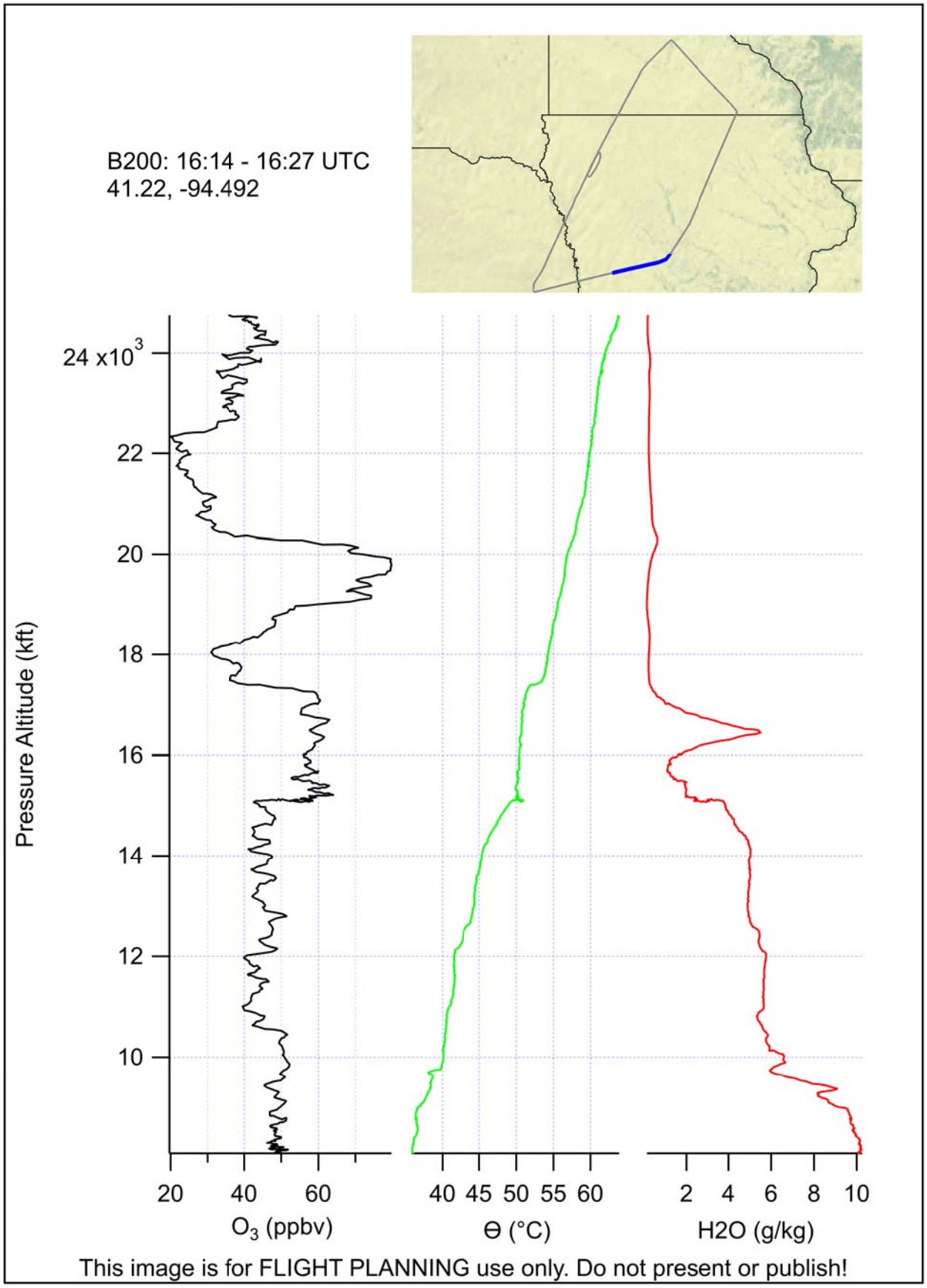

C130: 16:35 - 16:51 UTC
46.542, -93.06
20 x10^3
18
16
14
12
10
8
6
4
Pressure Altitude (kft)
52 56 60 64
O3 (ppbv)
30 35 40 45 50 55
Θ (°C)
2 4 6 8 10
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

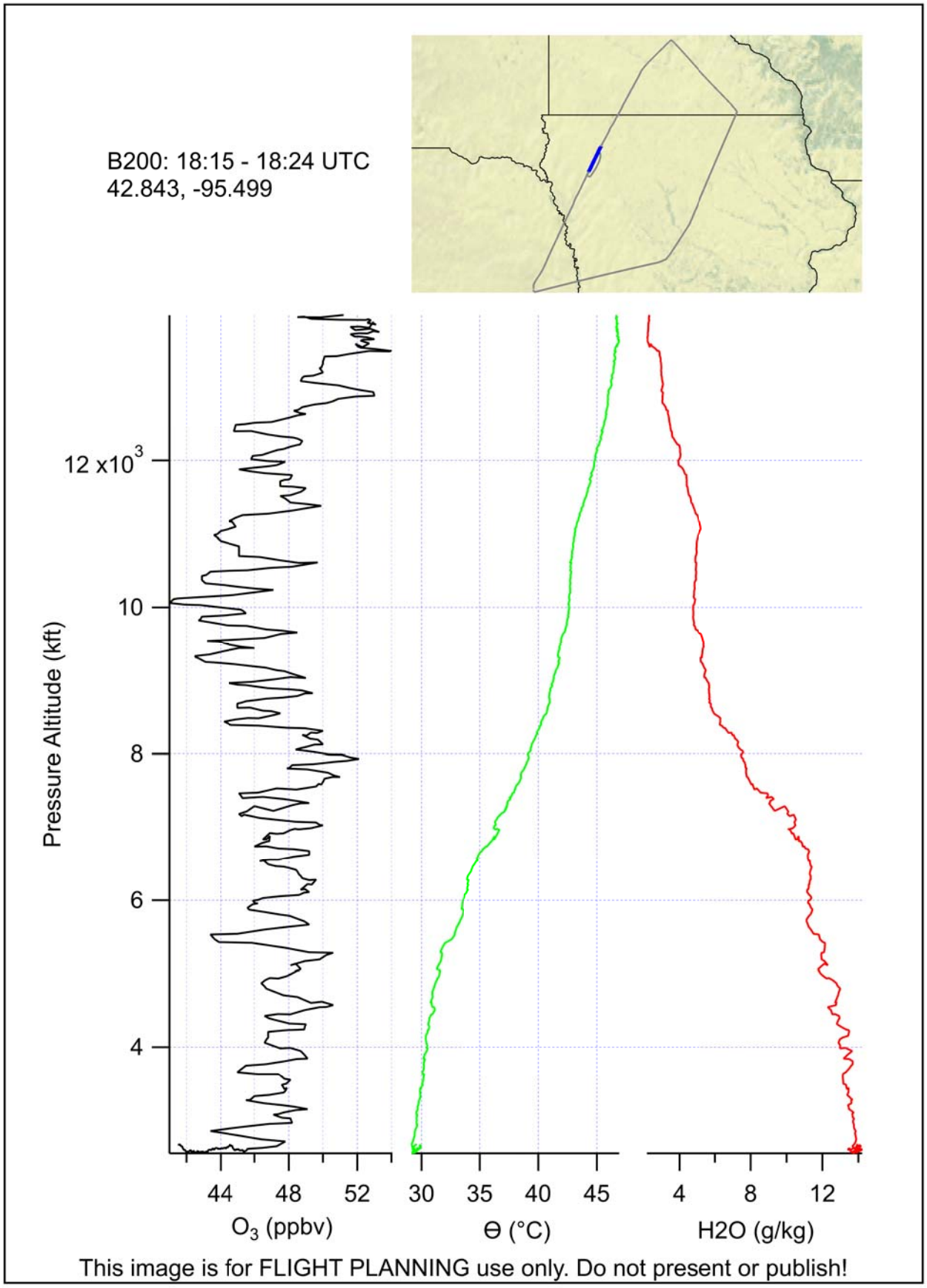

C130: 16:55 - 17:02 UTC
46.429, -92.875
Pressure Altitude (kft)
8000
7000
6000
5000
4000
3000
2000
50 52 54 56 58 60
O3 (ppbv)
28 30 32 34 36
Θ (°C)
6 8 10 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

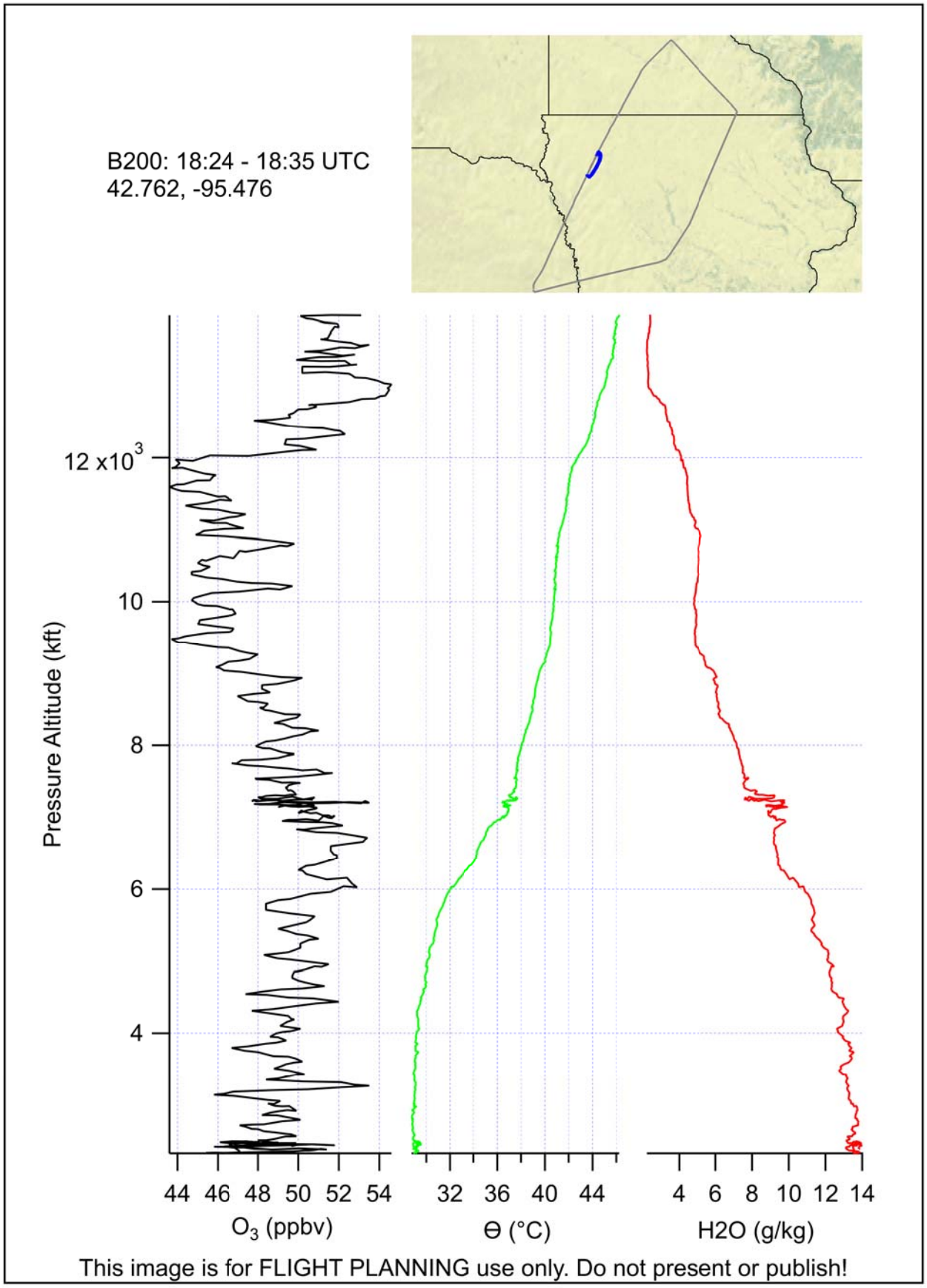

C130: 18:33 - 18:42 UTC
42.529, -91.406
Pressure Altitude (kft)
7000
6000
5000
4000
3000
48 52 56 60
O3 (ppbv)
30 32 34 36 38
Θ (°C)
4 6 8 10 12 14
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:43 - 18:53 UTC
42.685, -91.756
14 x10^3
12
10
8
6
4
Pressure Altitude (kft)
45 50 55 60
O3 (ppbv)
32 36 40 44
Θ (°C)
8 10 12 14
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 15:53 - 16:14 UTC
40.944, -96.02
Pressure Altitude (kft)
20 x10^3
15
10
5
20 40 60 80 100
O3 (ppbv)
30 40 50 60
Θ (°C)
4 8 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 16:14 - 16:27 UTC
41.22, -94.492
Pressure Altitude (kft)
24 x10^3
22
20
18
16
14
12
10
20 40 60
O3 (ppbv)
40 45 50 55 60
Θ (°C)
2 4 6 8 10
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:15 - 18:24 UTC
42.843, -95.499
Pressure Altitude (kft)
12 x10^3
10
8
6
4
44
48
52
O3 (ppbv)
30
35
40
45
Θ (°C)
4
8
12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:24 - 18:35 UTC
42.762, -95.476
Pressure Altitude (kft)
12 x10^3
10
8
6
4
44 46 48 50 52 54
O3 (ppbv)
32 36 40 44
Θ (°C)
4 6 8 10 12 14
H2O (g/kg)
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