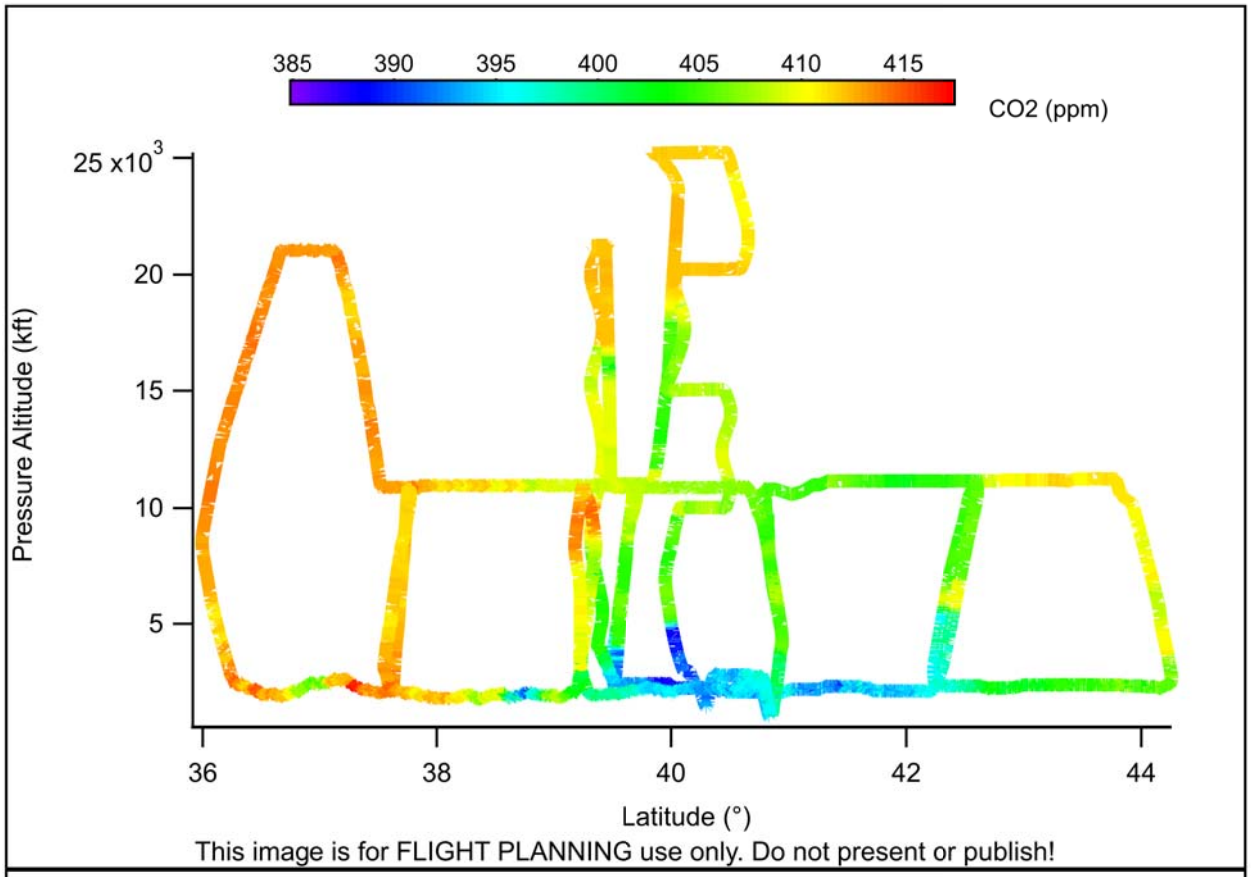
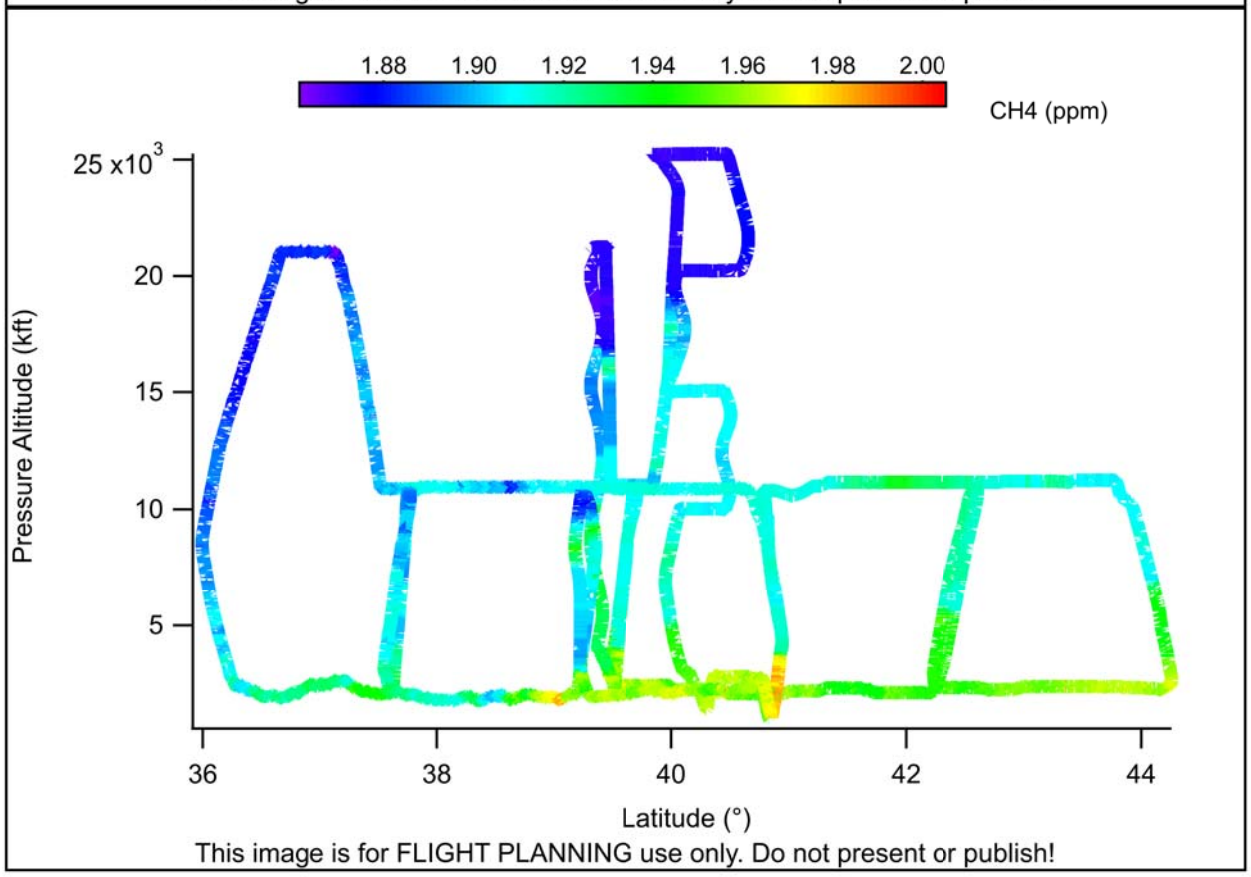
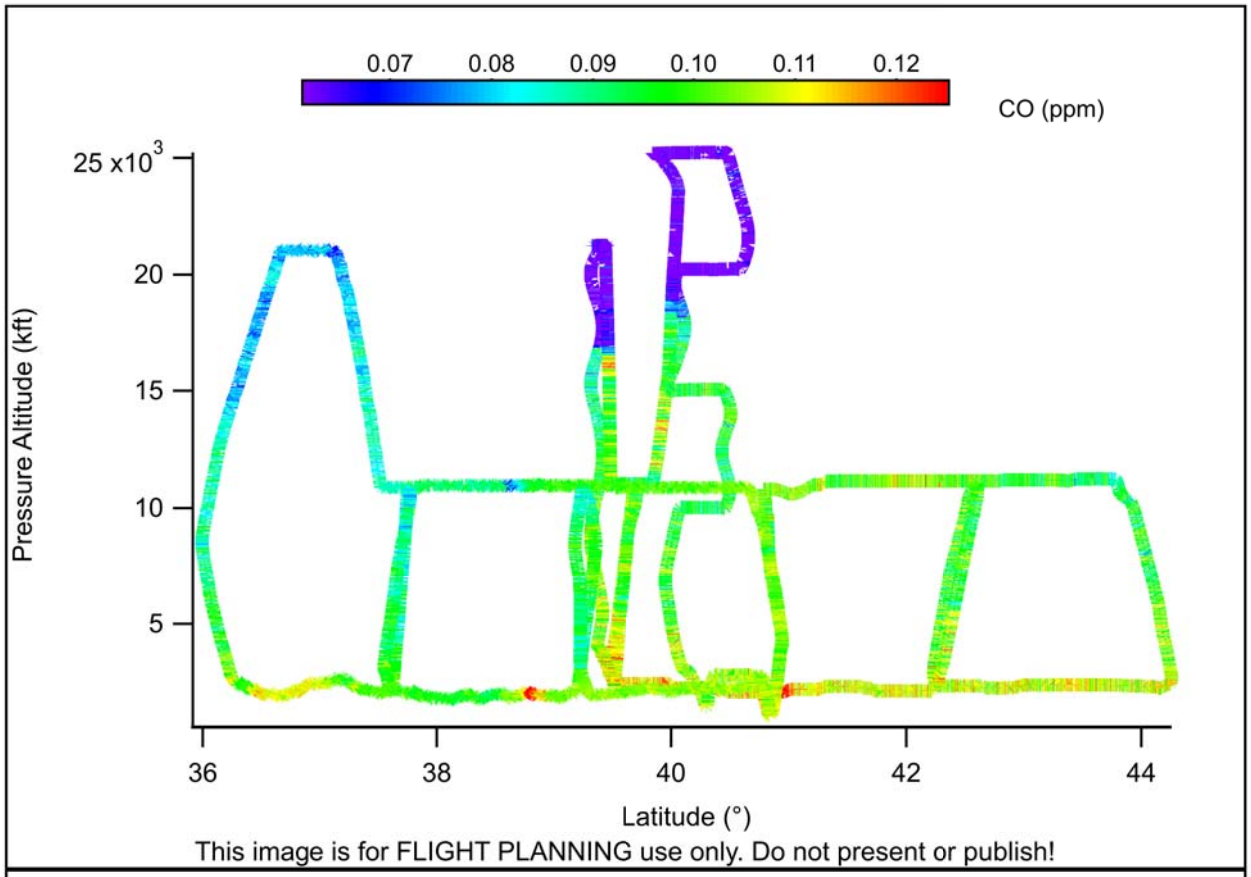
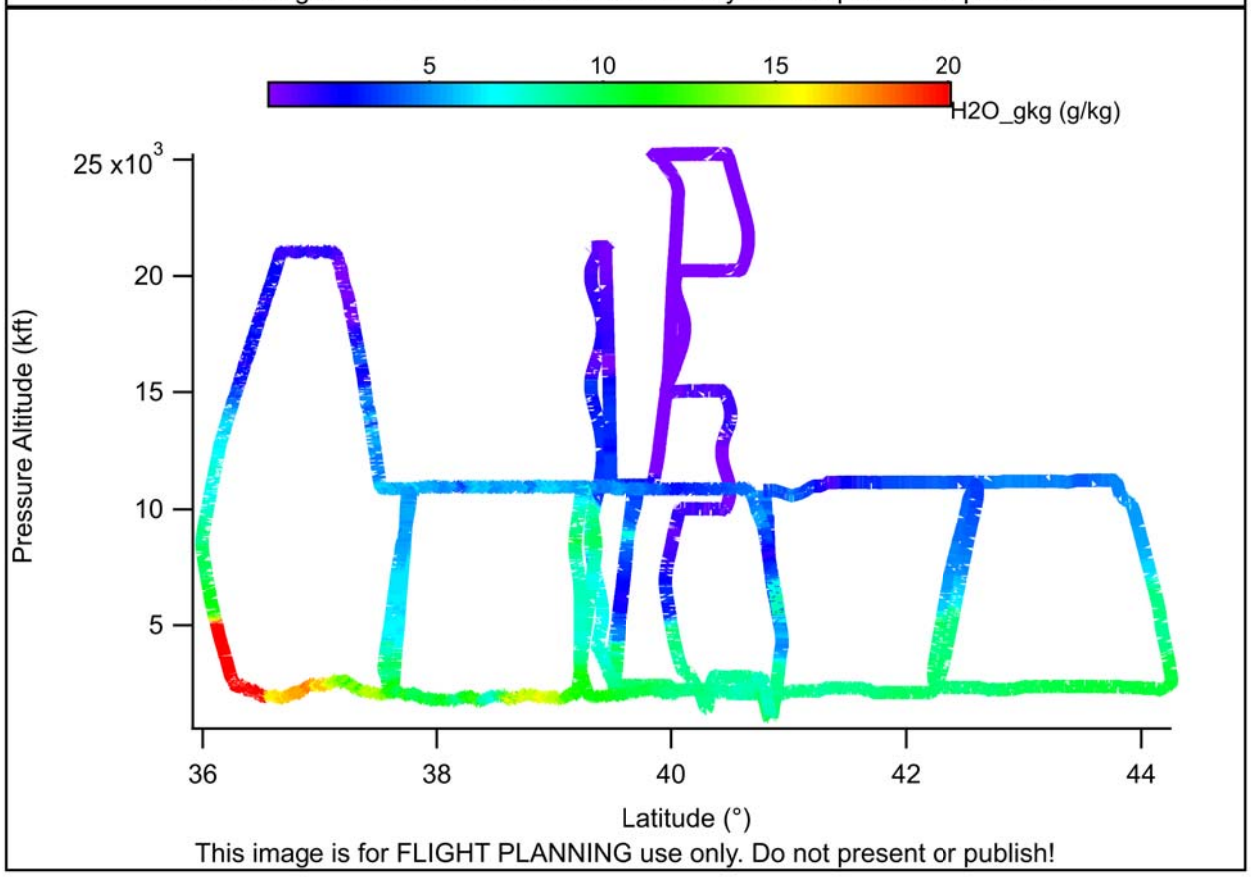
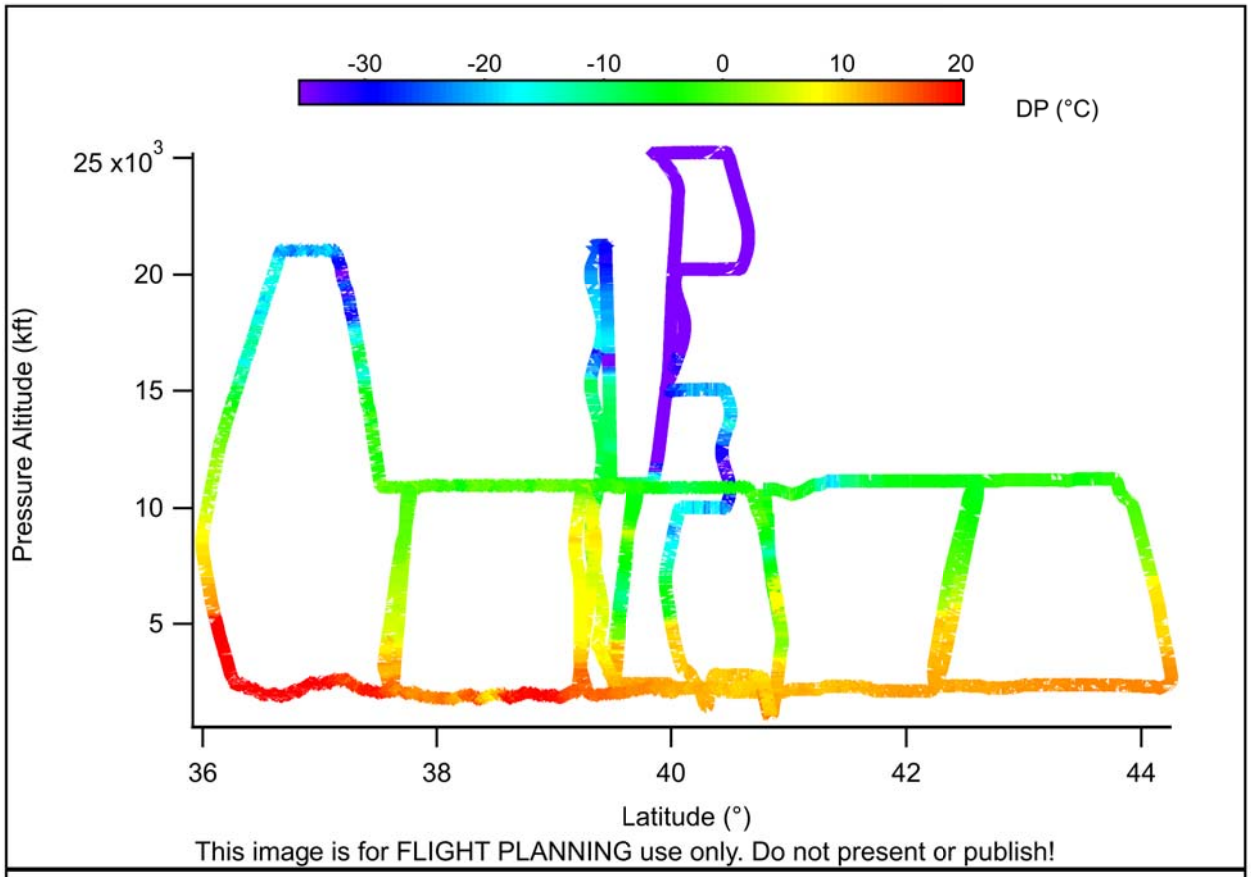
ACT-America 20190710

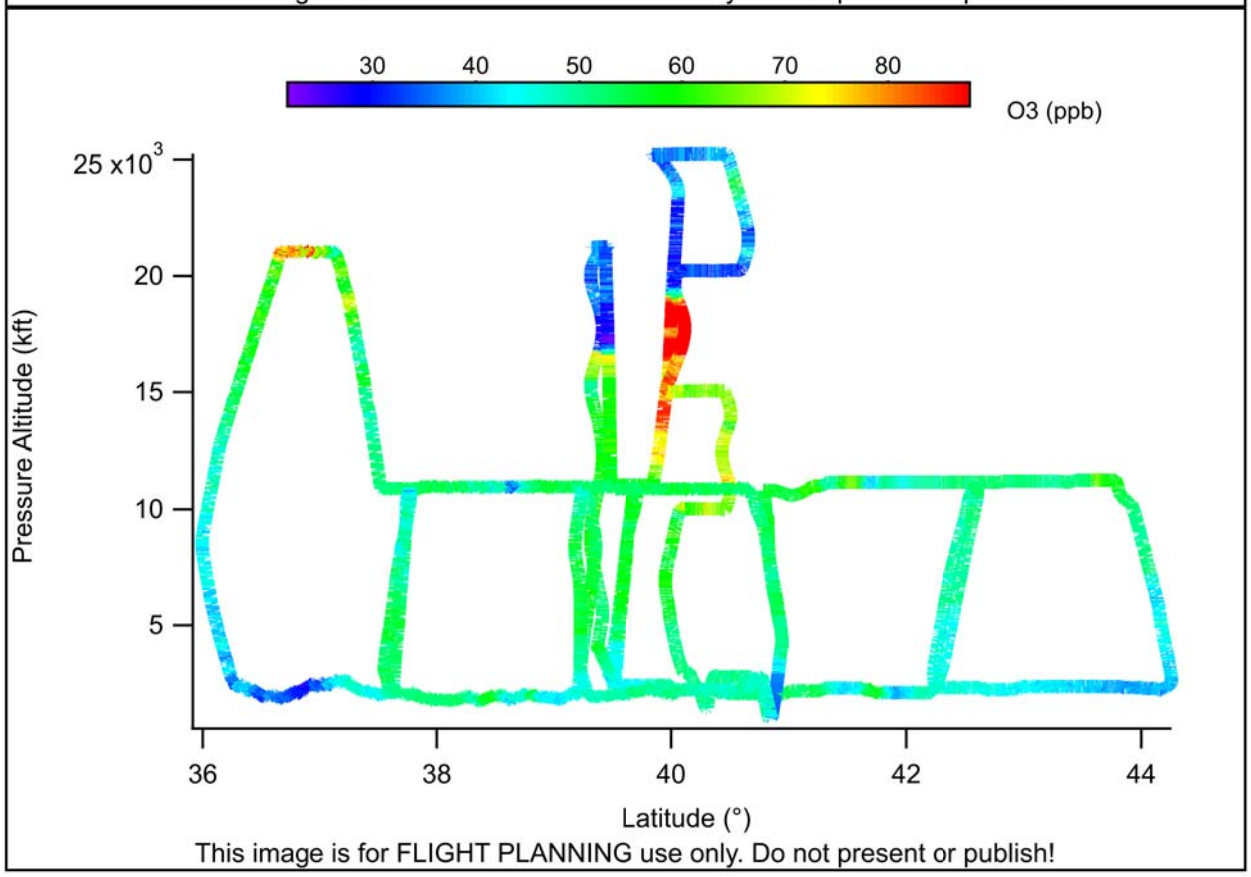

385 390 395 400 405 410 415
CO2 (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
36 38 40 42 44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

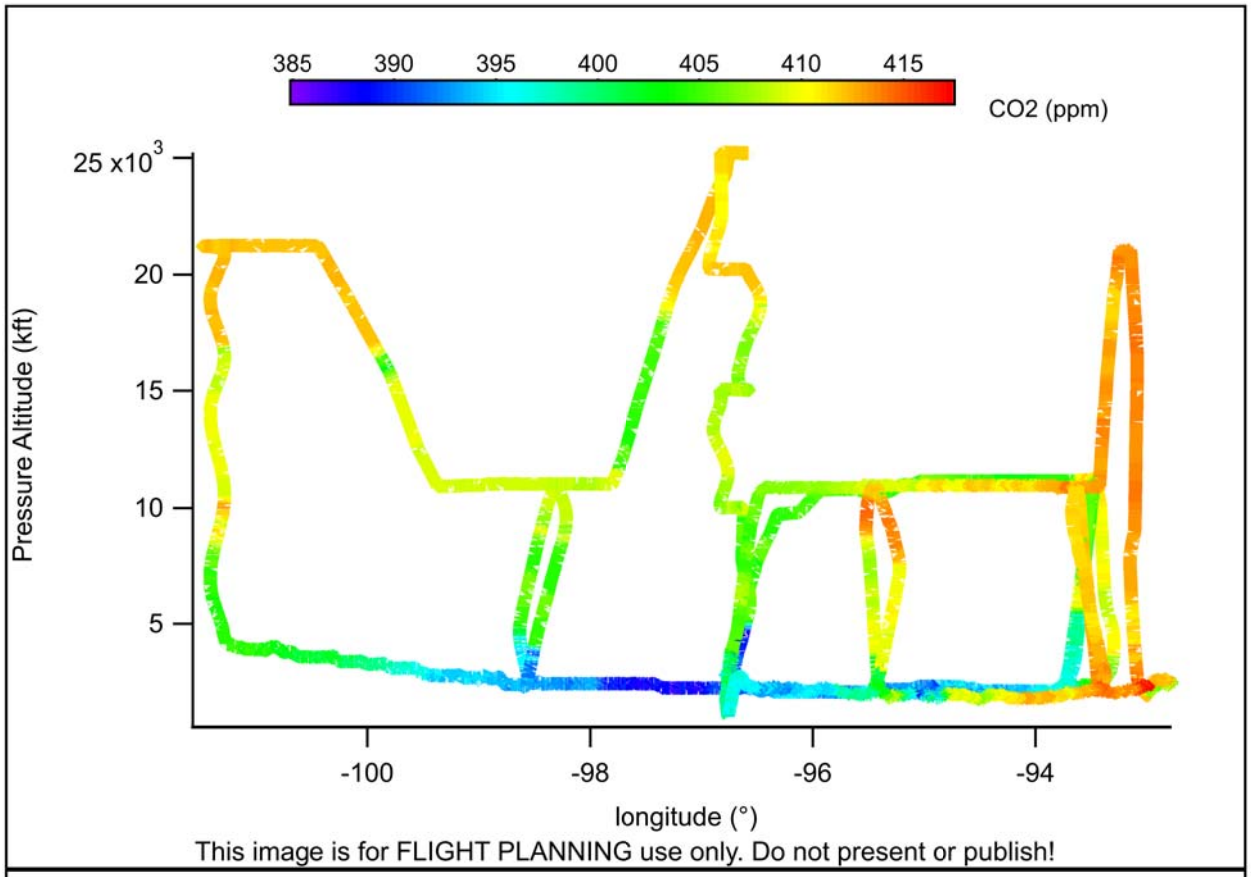

1.88 1.90 1.92 1.94 1.96 1.98 2.00
CH4 (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
36 38 40 42 44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

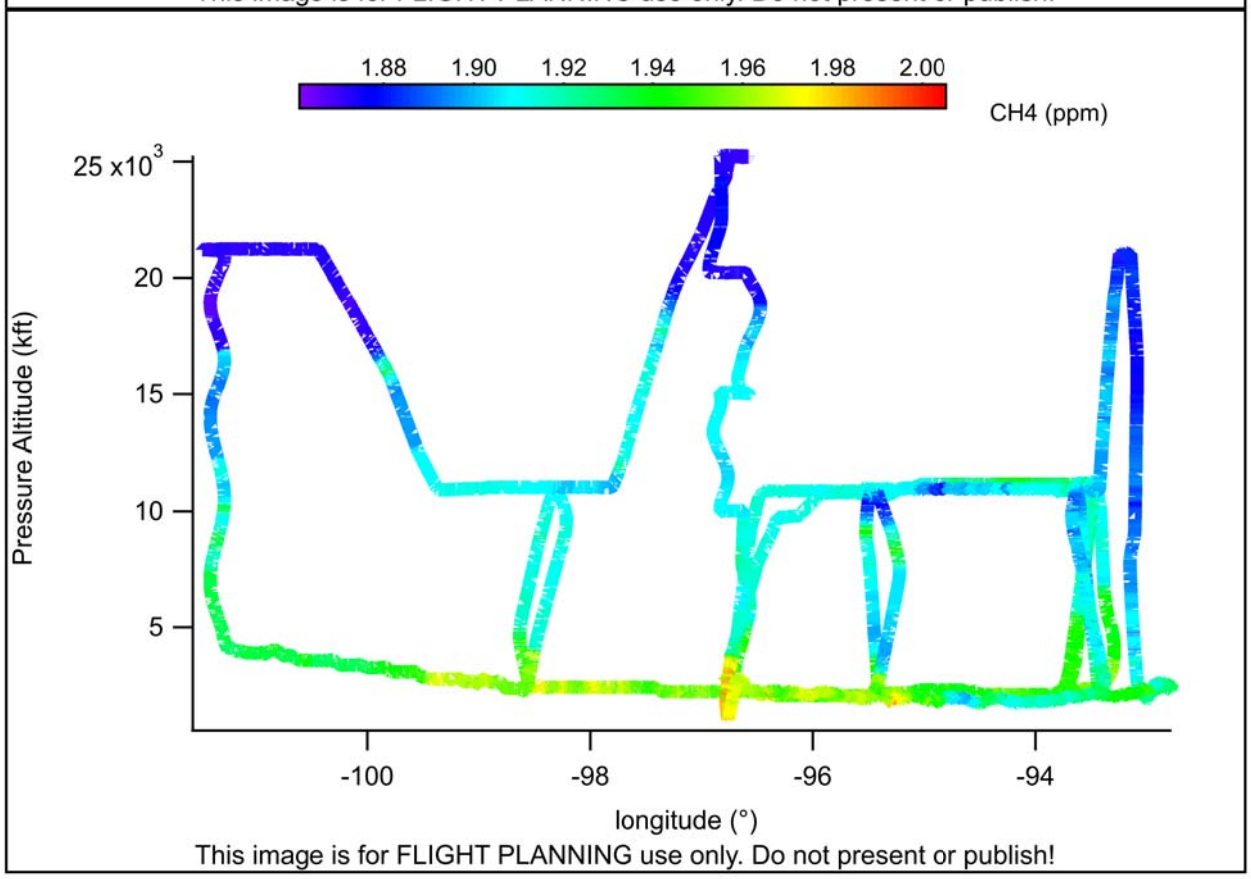

0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
36
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

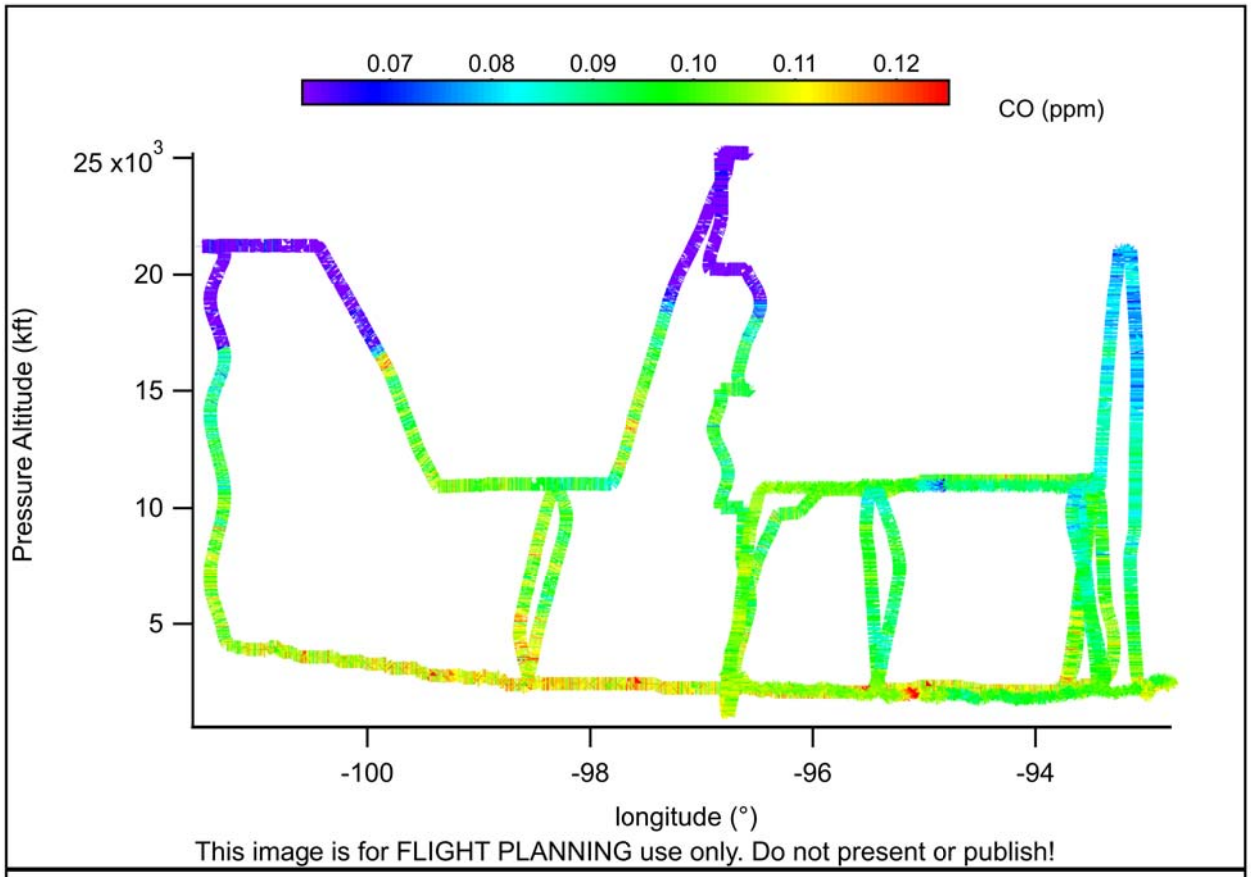

5
10
15
20
H2O_gkg (g/kg)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
36
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

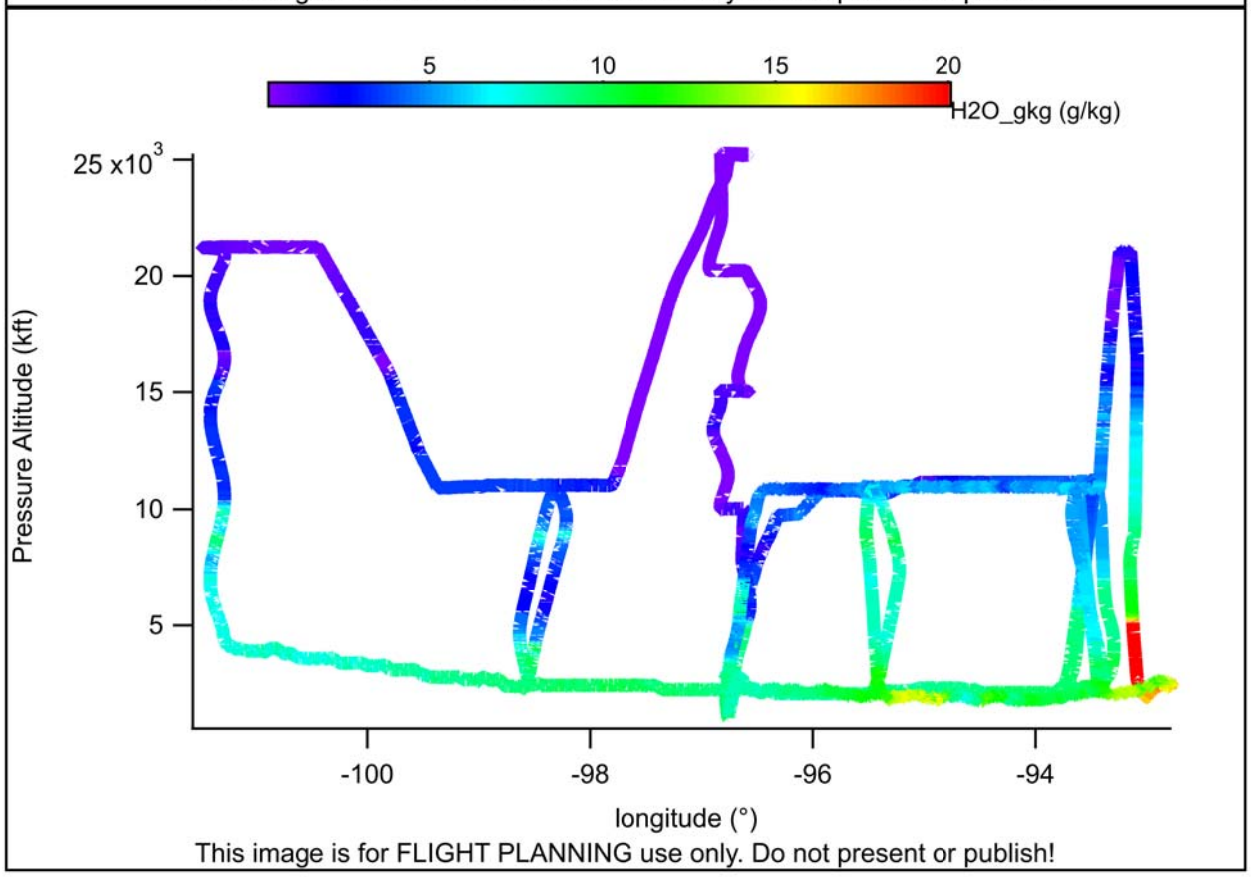

-30
-20
-10
0
10
20
DP (°C)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
36
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

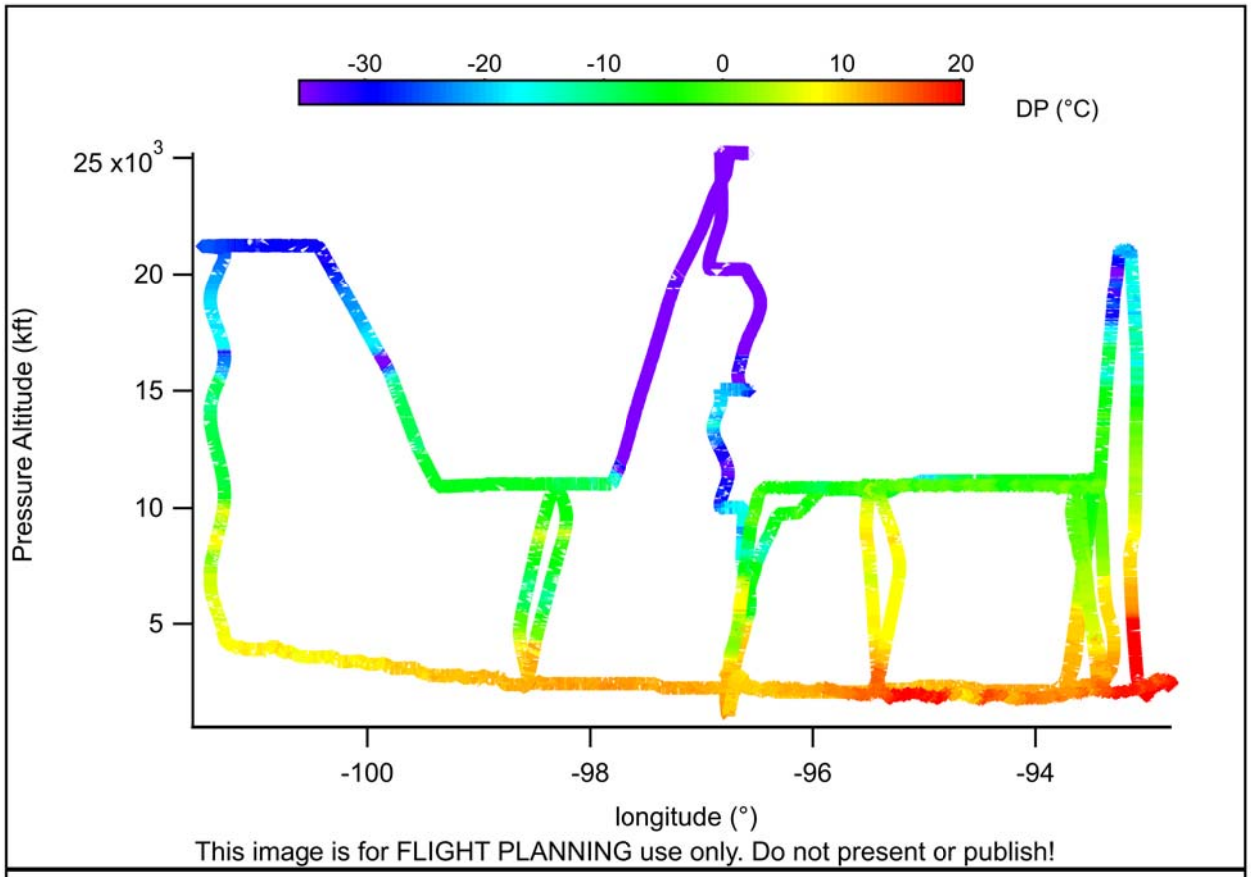

30
40
50
60
70
80
O3 (ppb)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
36
38
40
42
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

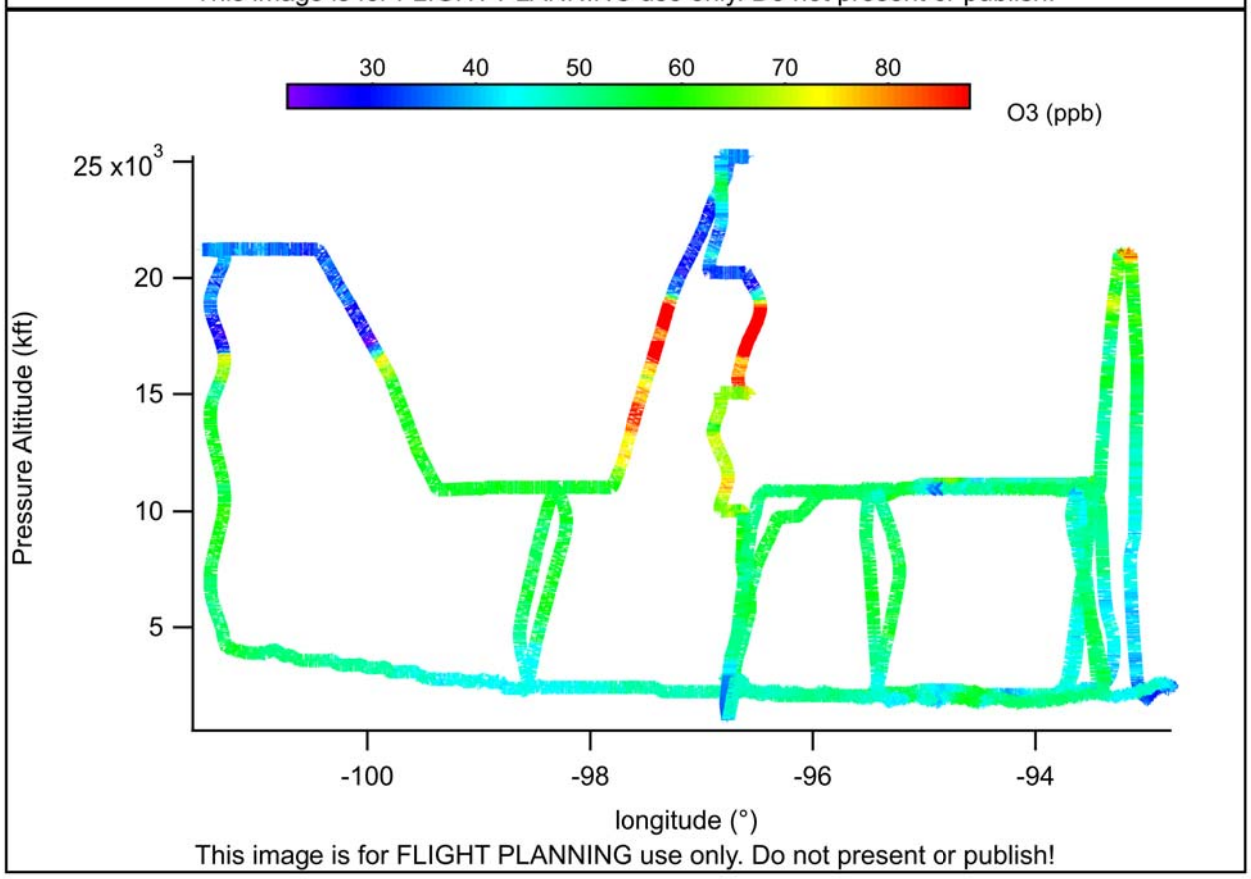

385
390
395
400
405
410
415
CO2 (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-100
-98
-96
-94
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

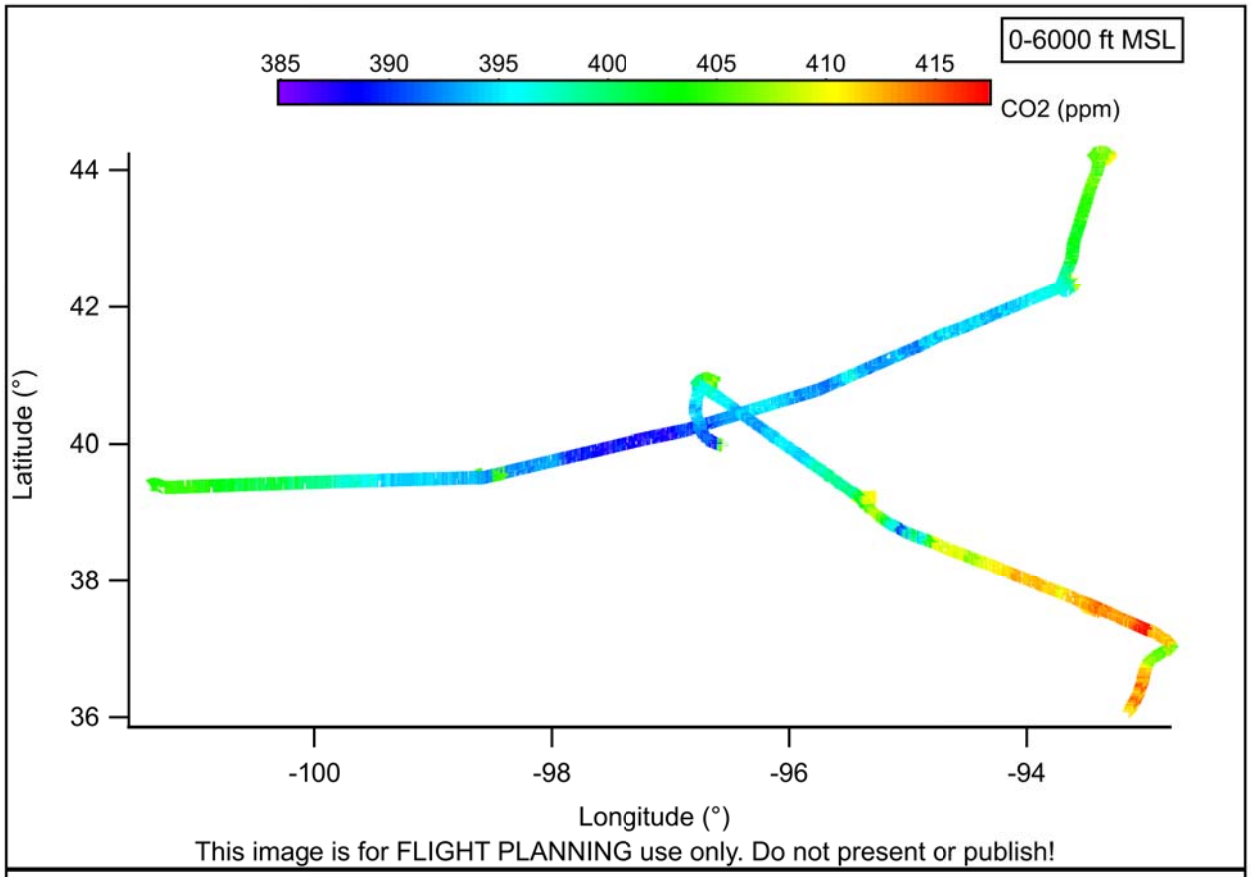

1.88
1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-100
-98
-96
-94
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

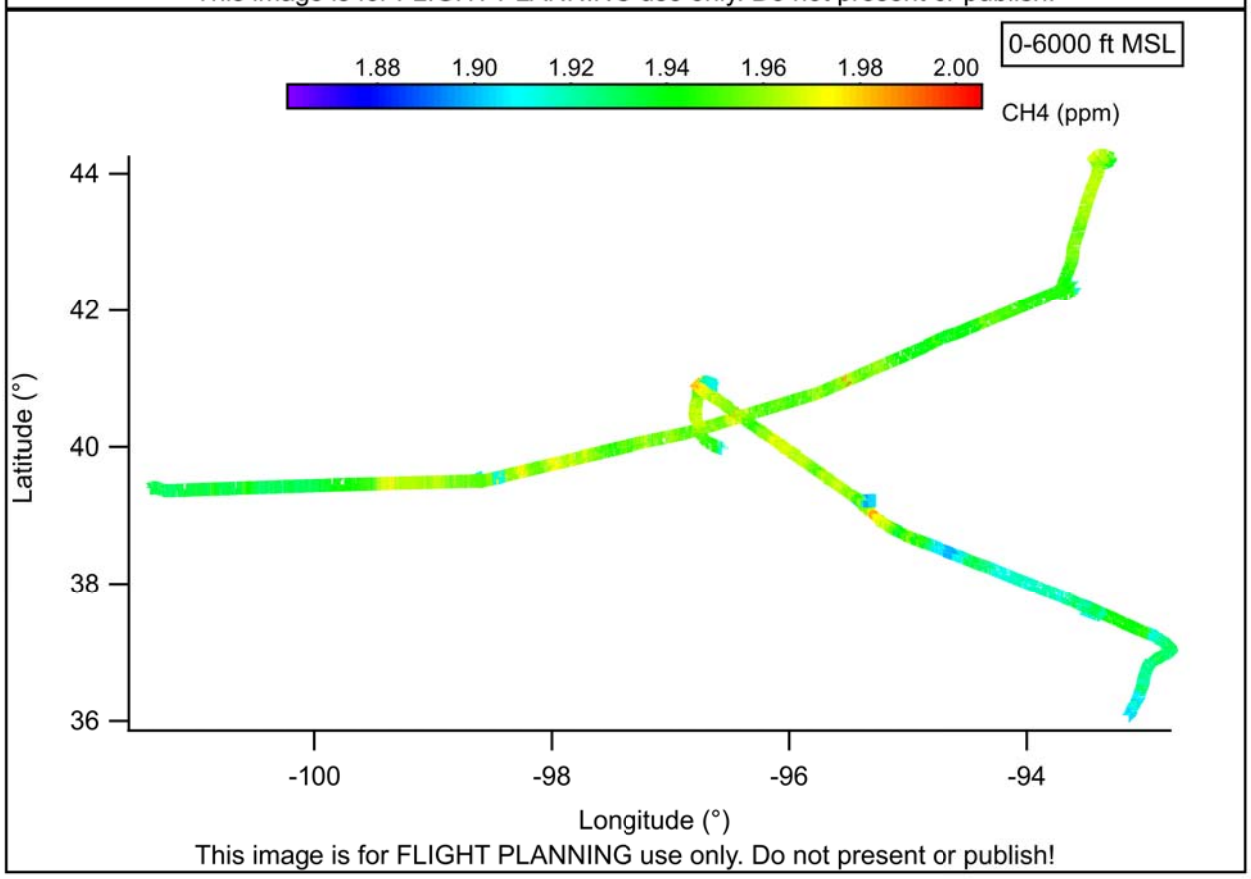

0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-100
-98
-96
-94
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

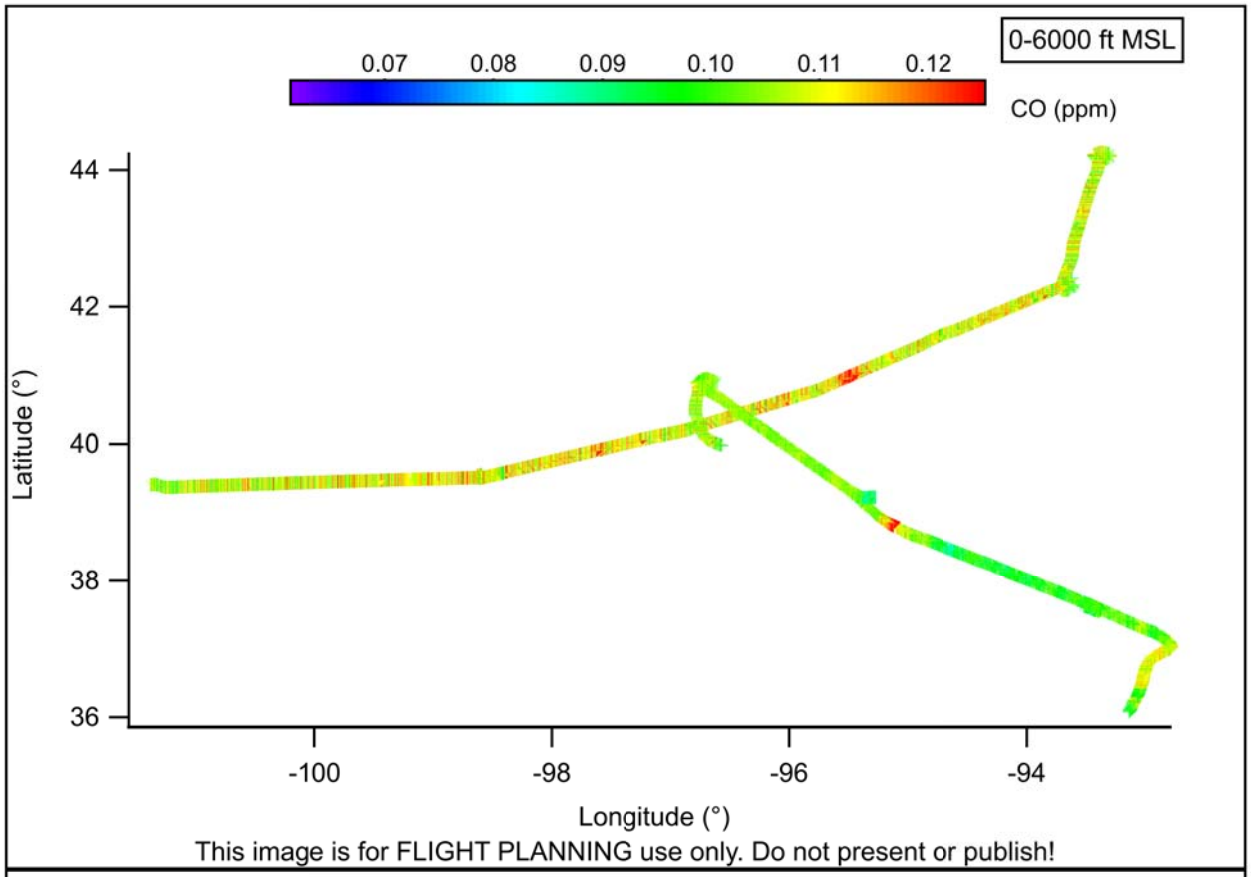

5
10
15
20
H2O_gkg (g/kg)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-100
-98
-96
-94
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

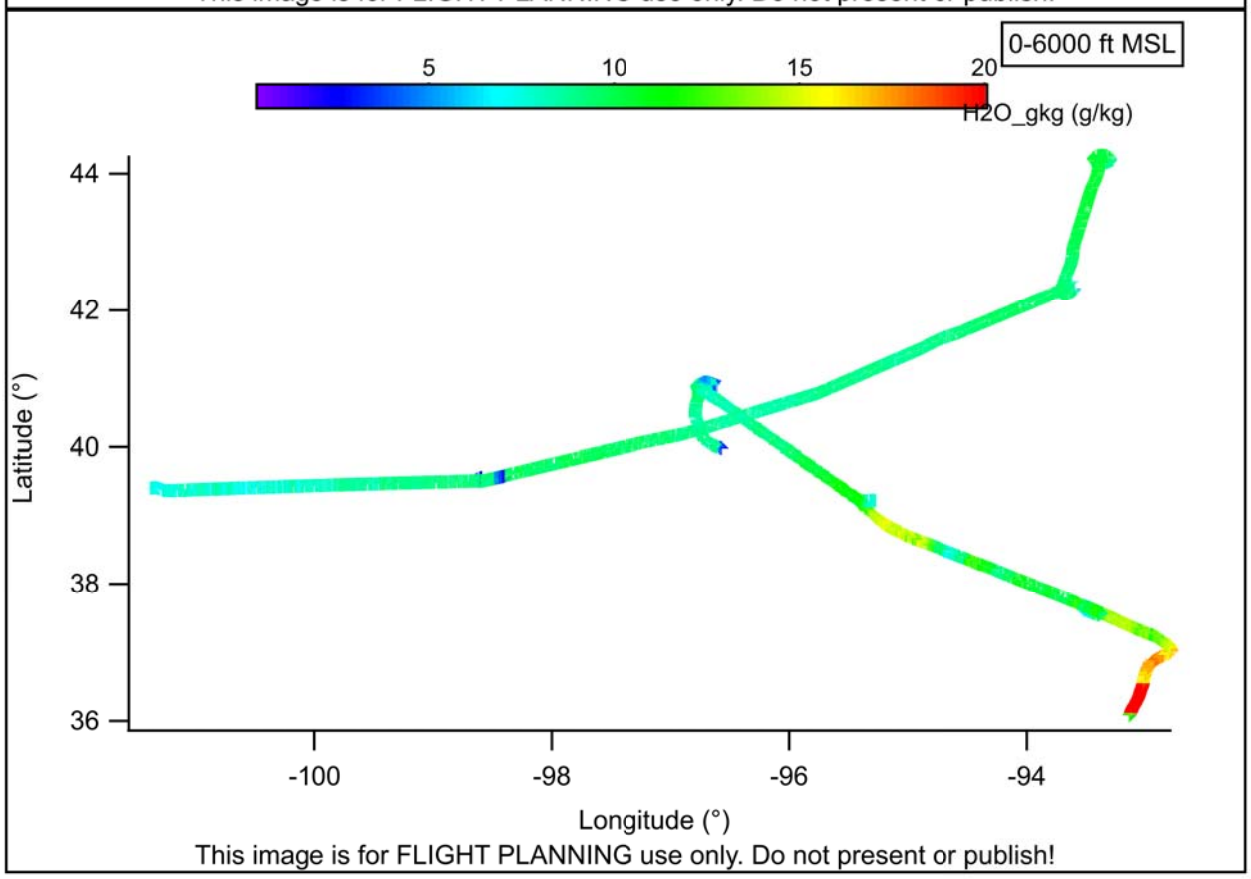

-30
-20
-10
0
10
20
DP (°C)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-100
-98
-96
-94
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

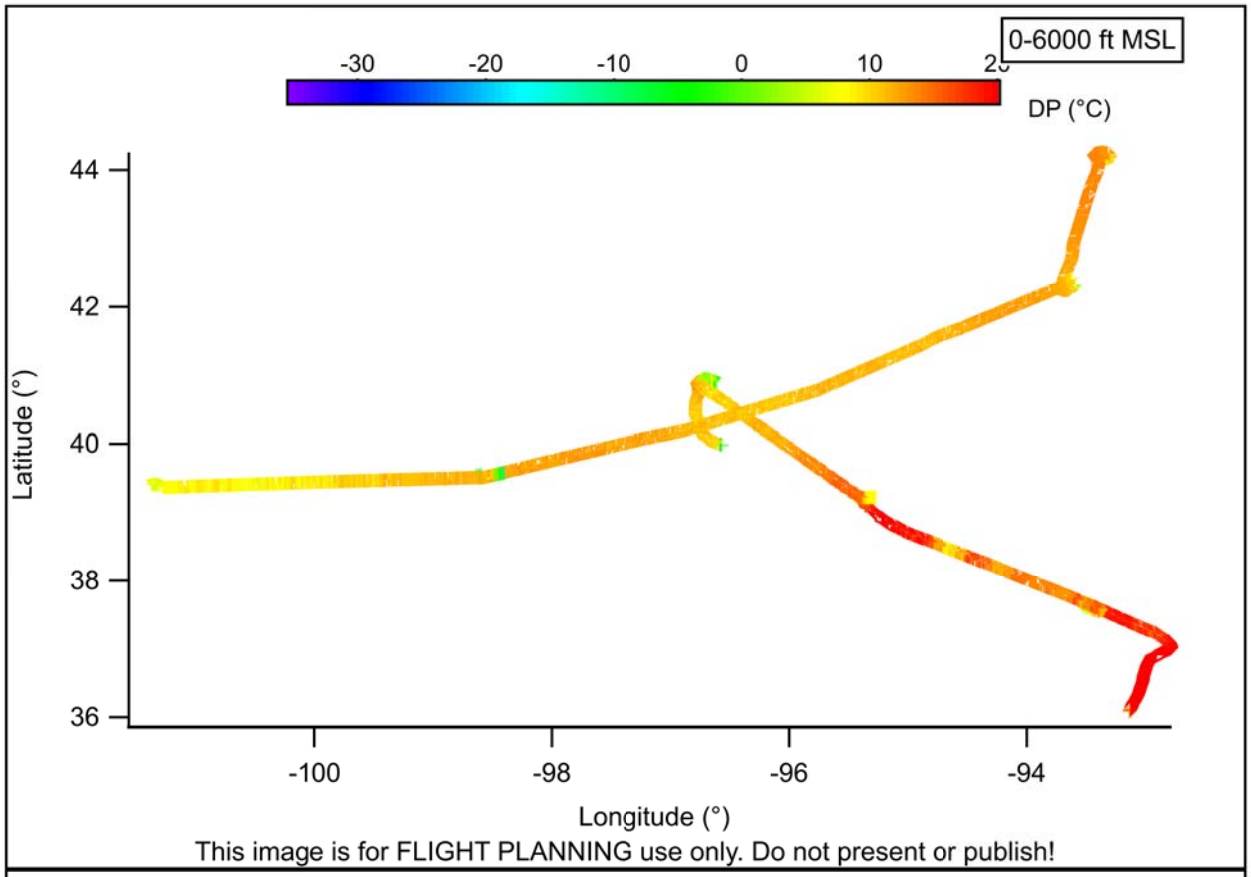

30
40
50
60
70
80
O3 (ppb)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-100
-98
-96
-94
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

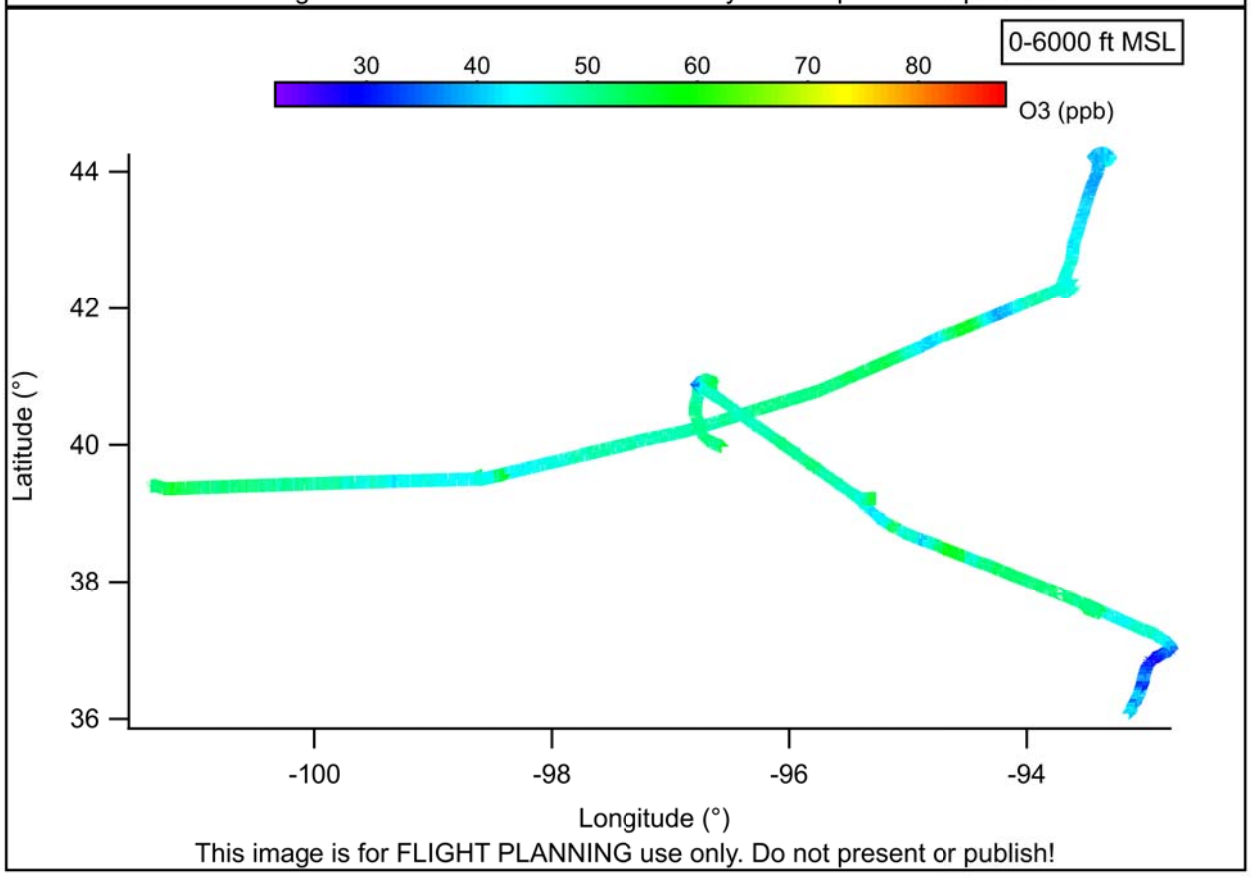

0-6000 ft MSL
385
390
395
400
405
410
415
CO2 (ppm)
44
42
40
38
36
Latitude (°)
-100
-98
-96
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

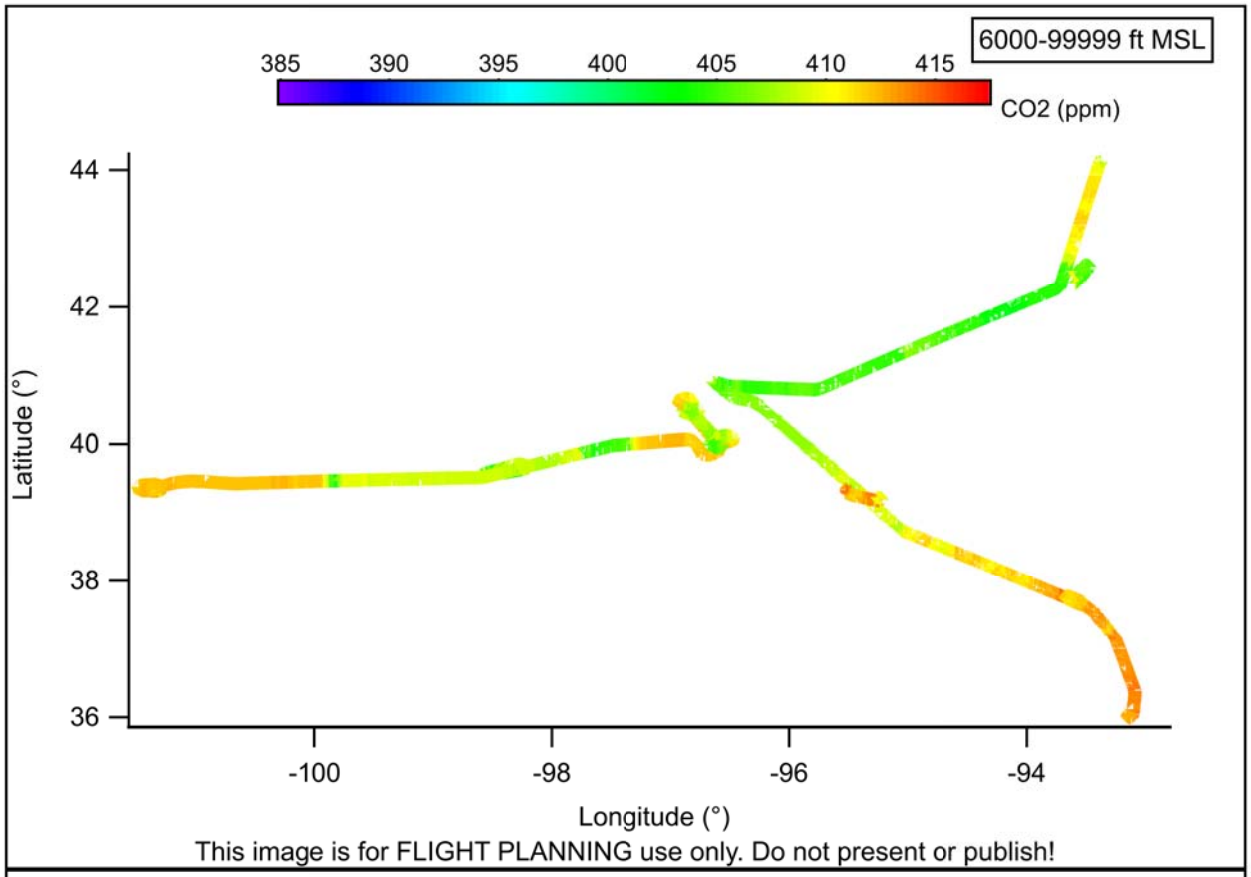

0-6000 ft MSL
1.88
1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
44
42
40
38
36
Latitude (°)
-100
-98
-96
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

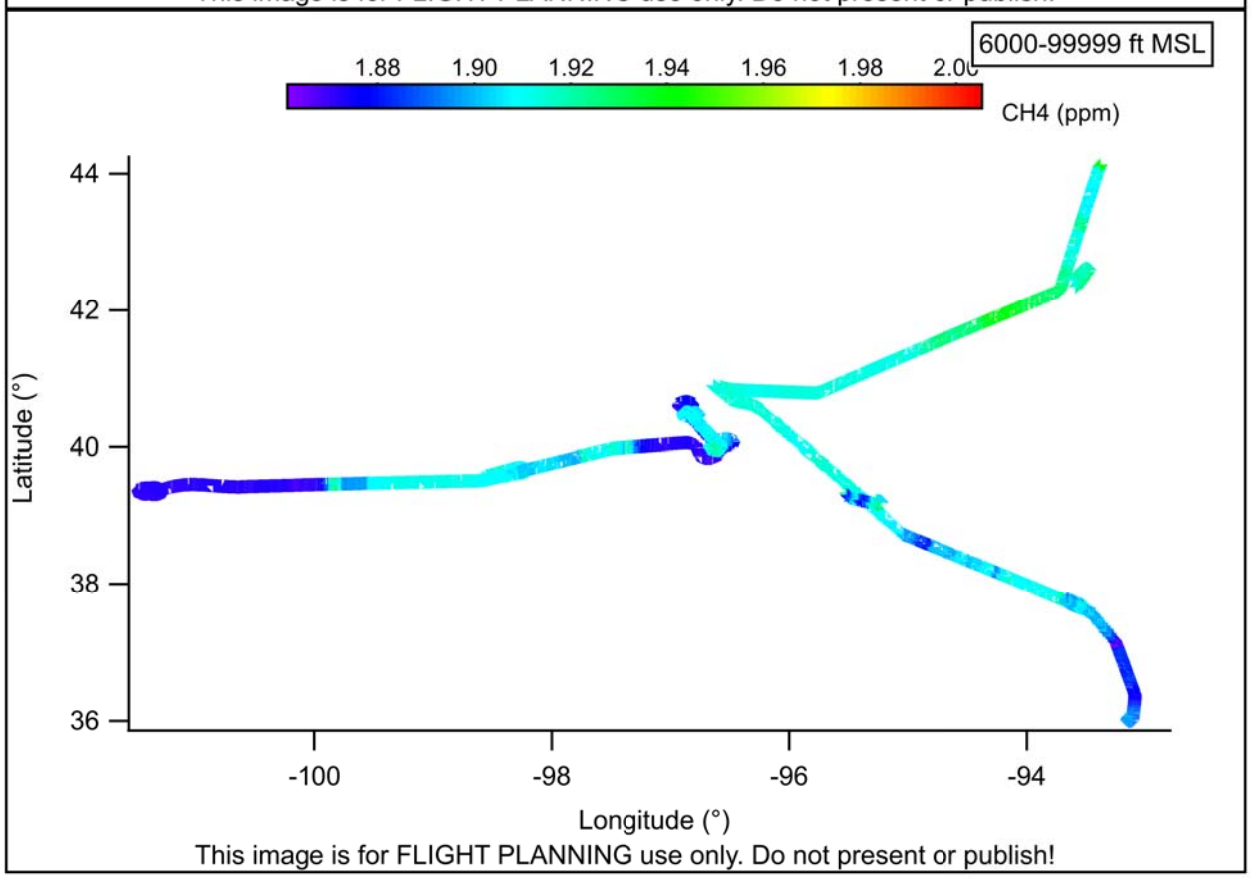

0-6000 ft MSL
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
44
42
40
38
36
Latitude (°)
-100
-98
-96
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

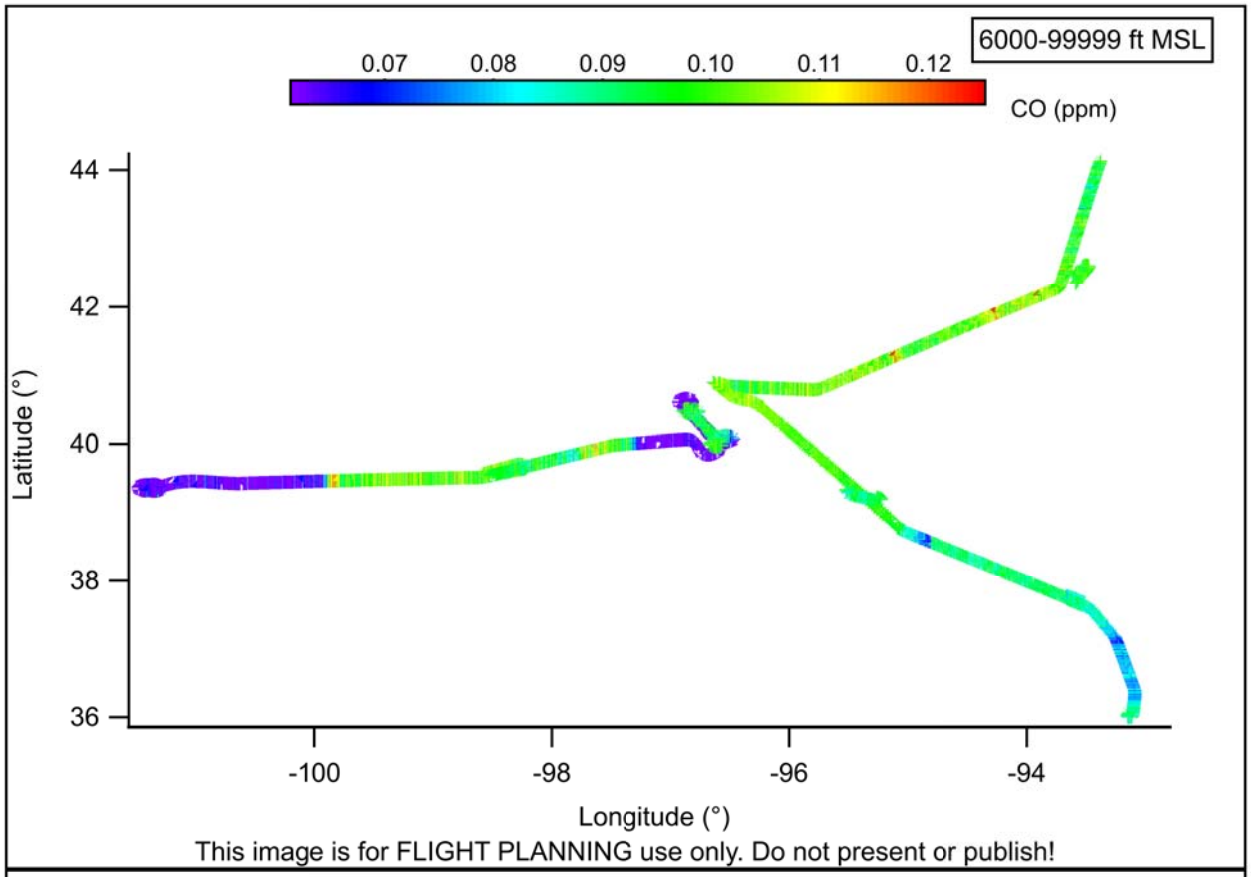

0-6000 ft MSL
5
10
15
20
H2O_gkg (g/kg)
44
42
40
38
36
Latitude (°)
-100
-98
-96
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

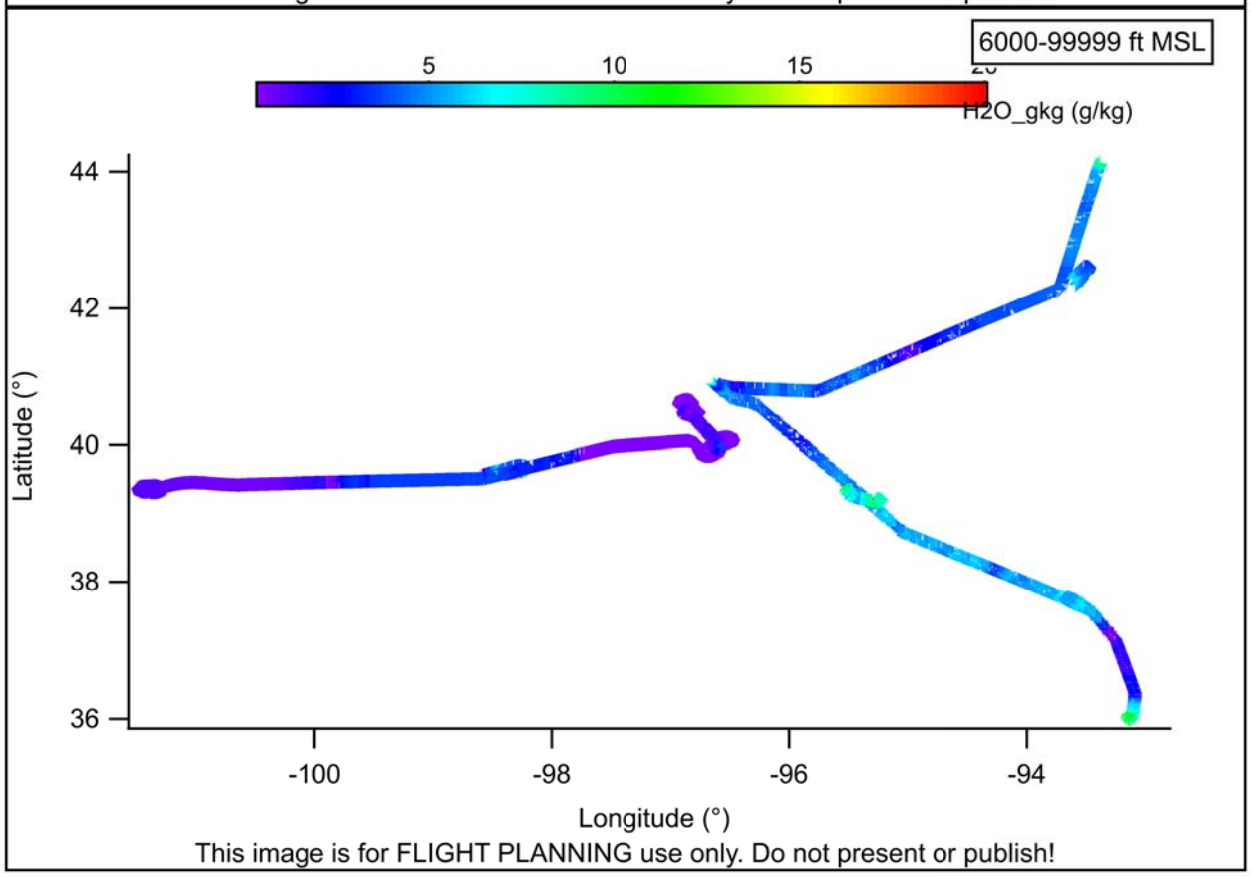

0-6000 ft MSL
-30
-20
-10
0
10
DP (°C)
44
42
40
38
36
Latitude (°)
-100
-98
-96
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

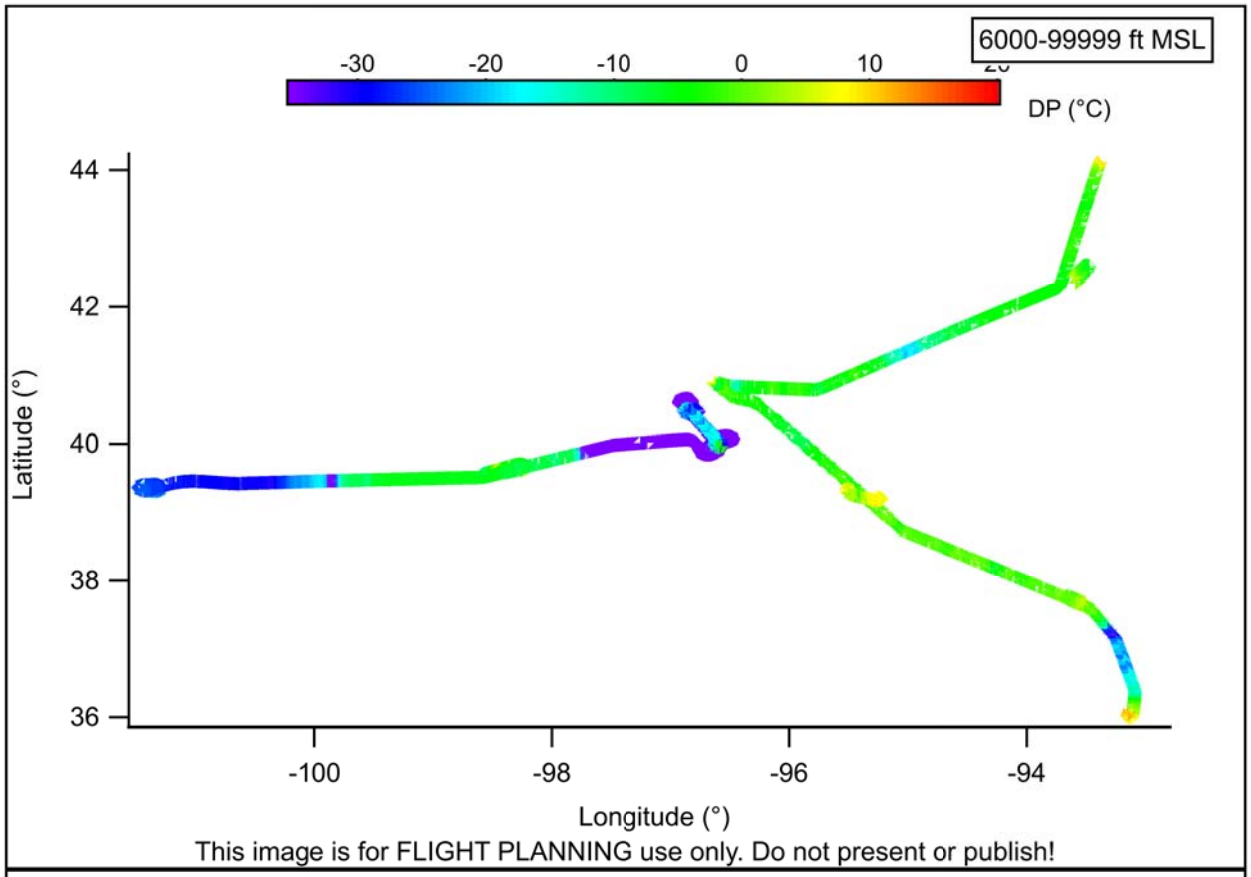

0-6000 ft MSL
30
40
50
60
70
80
O3 (ppb)
44
42
40
38
36
Latitude (°)
-100
-98
-96
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

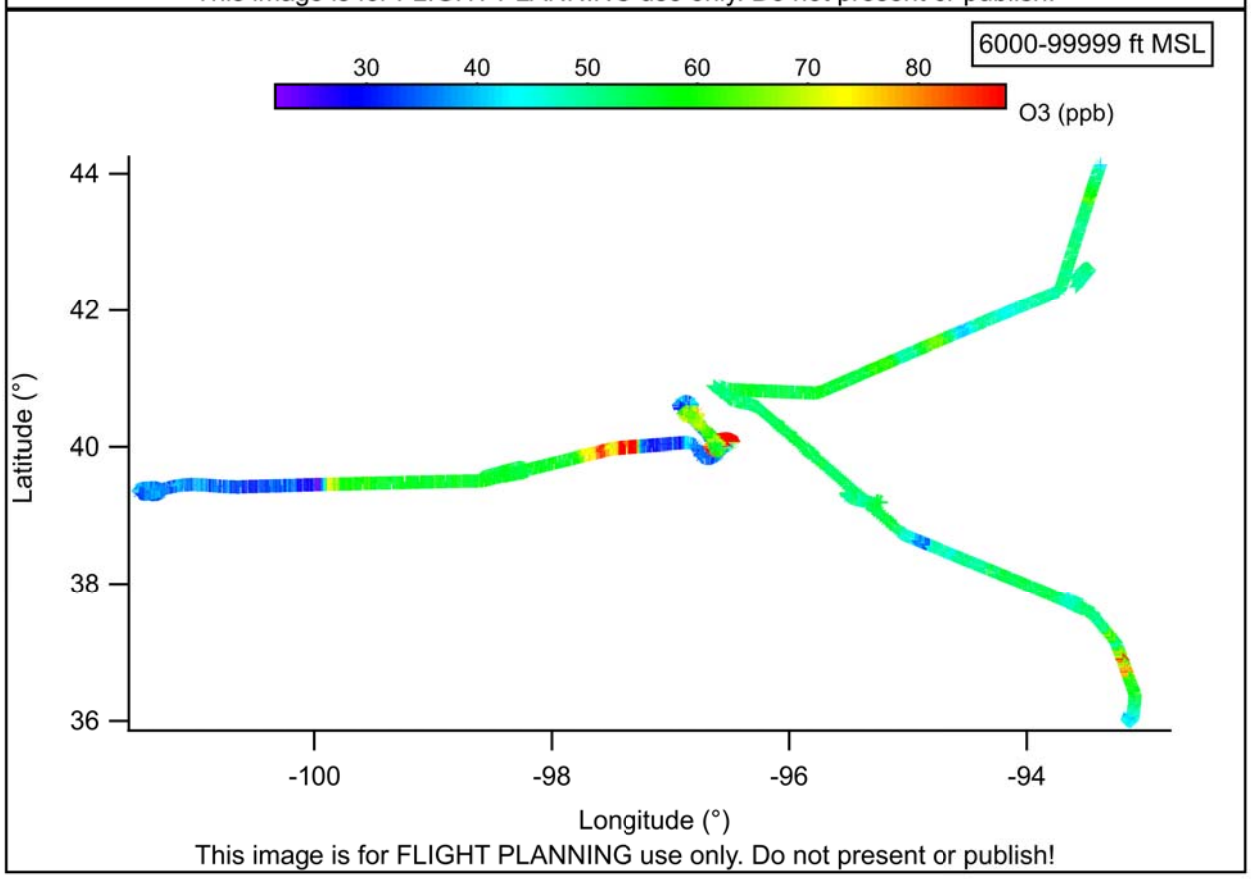

6000-99999 ft MSL
385
390
395
400
405
410
415
CO2 (ppm)
44
42
40
38
36
Latitude (°)
-100
-98
-96
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

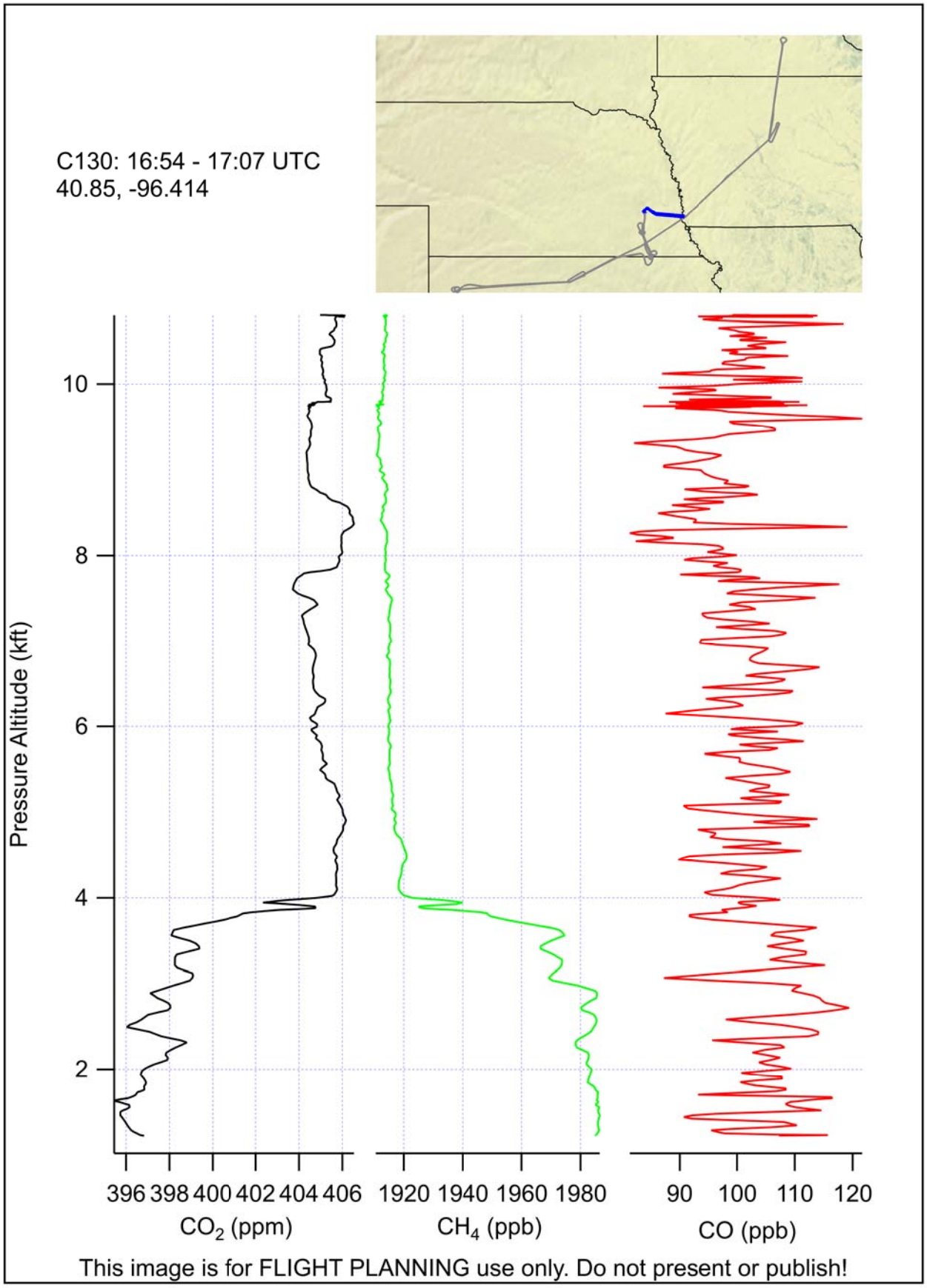

6000-99999 ft MSL
1.88
1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
44
42
40
38
36
Latitude (°)
-100
-98
-96
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

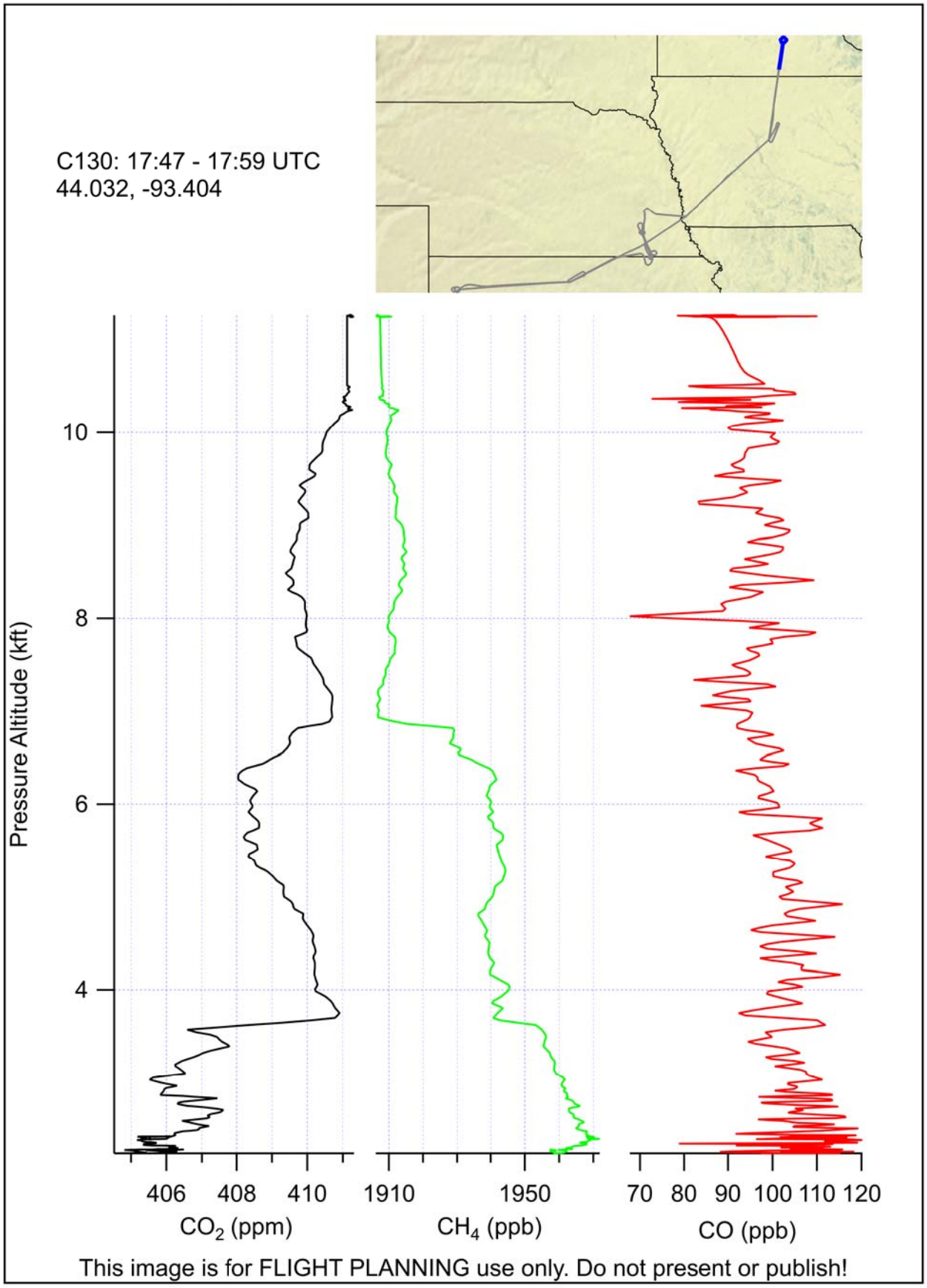

6000-99999 ft MSL
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
44
42
40
38
36
Latitude (°)
-100
-98
-96
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

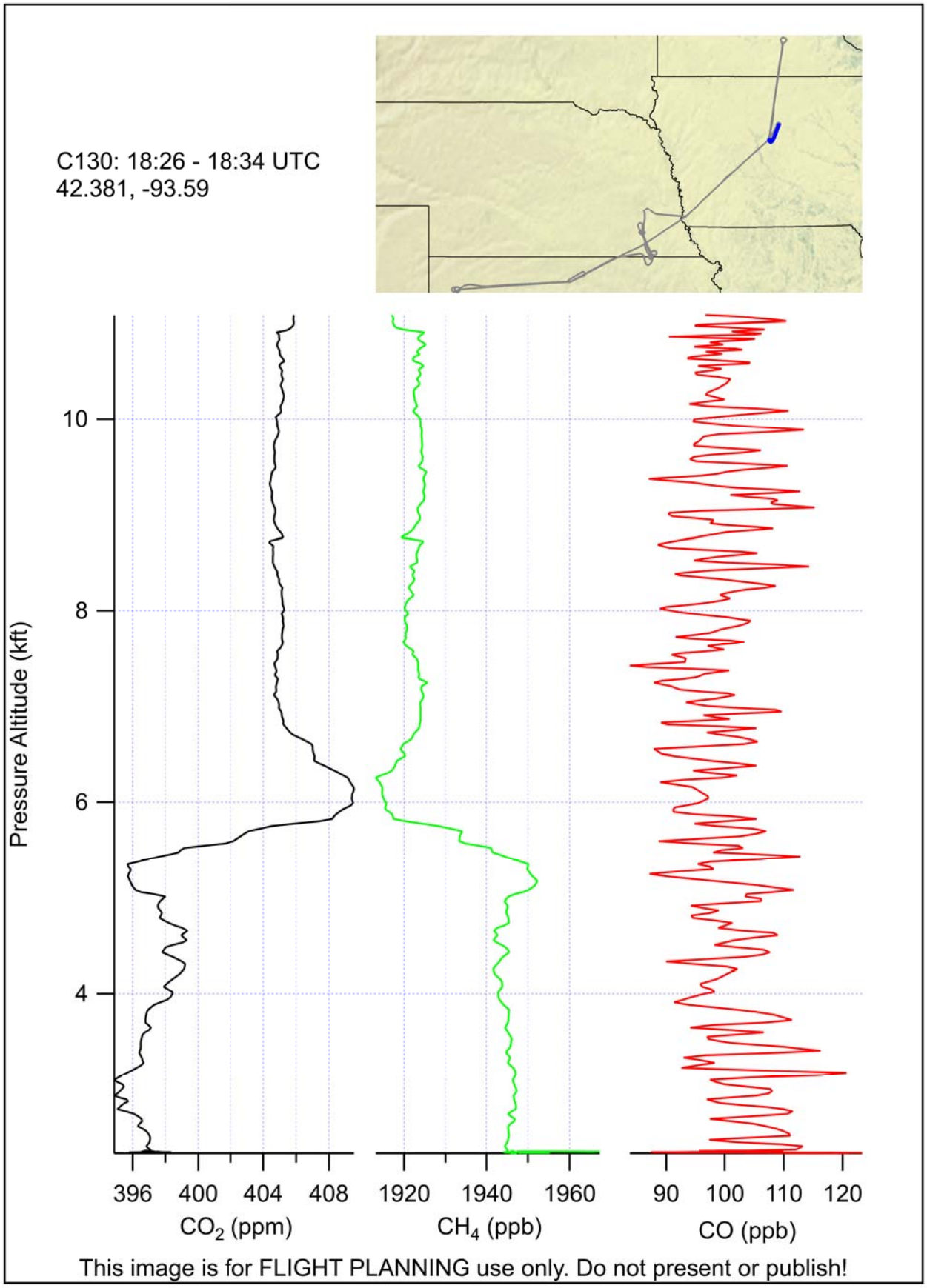

6000-99999 ft MSL
5
10
15
H2O_gkg (g/kg)
44
42
40
38
36
Latitude (°)
-100
-98
-96
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

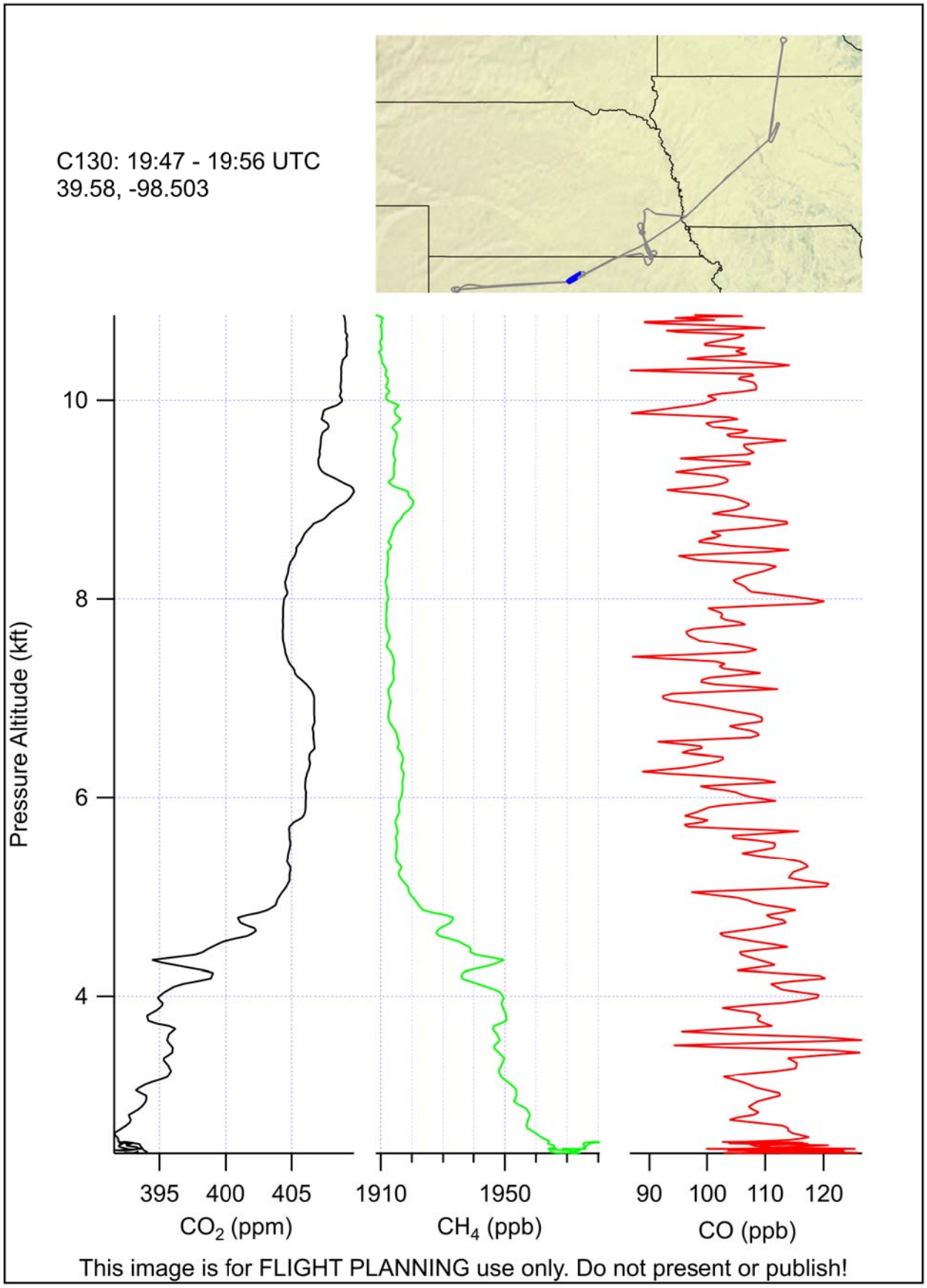

6000-99999 ft MSL
-30
-20
-10
0
10
DP (°C)
44
42
40
38
36
Latitude (°)
-100
-98
-96
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

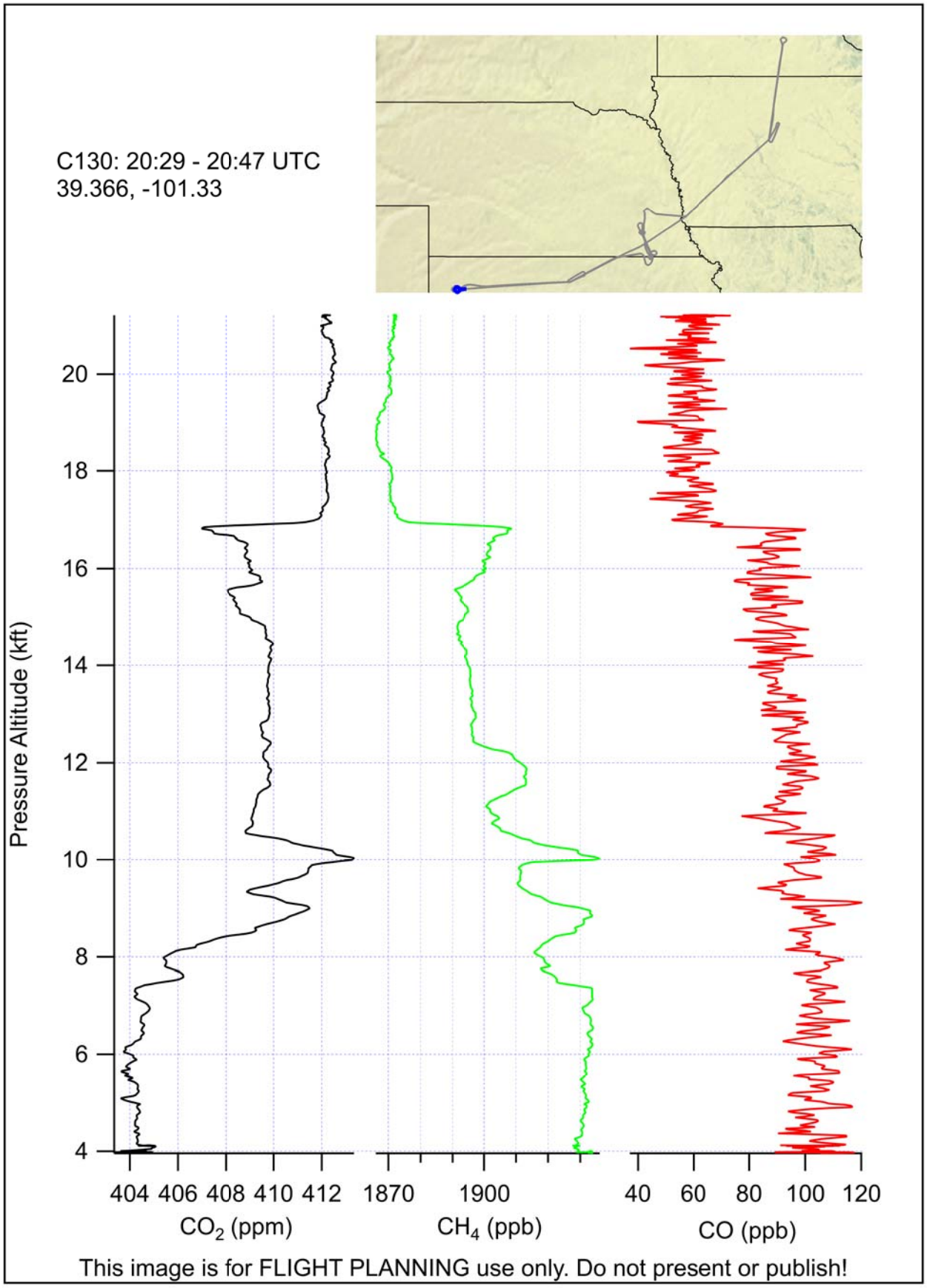

6000-99999 ft MSL
30
40
50
60
70
80
O3 (ppb)
44
42
40
38
36
Latitude (°)
-100
-98
-96
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

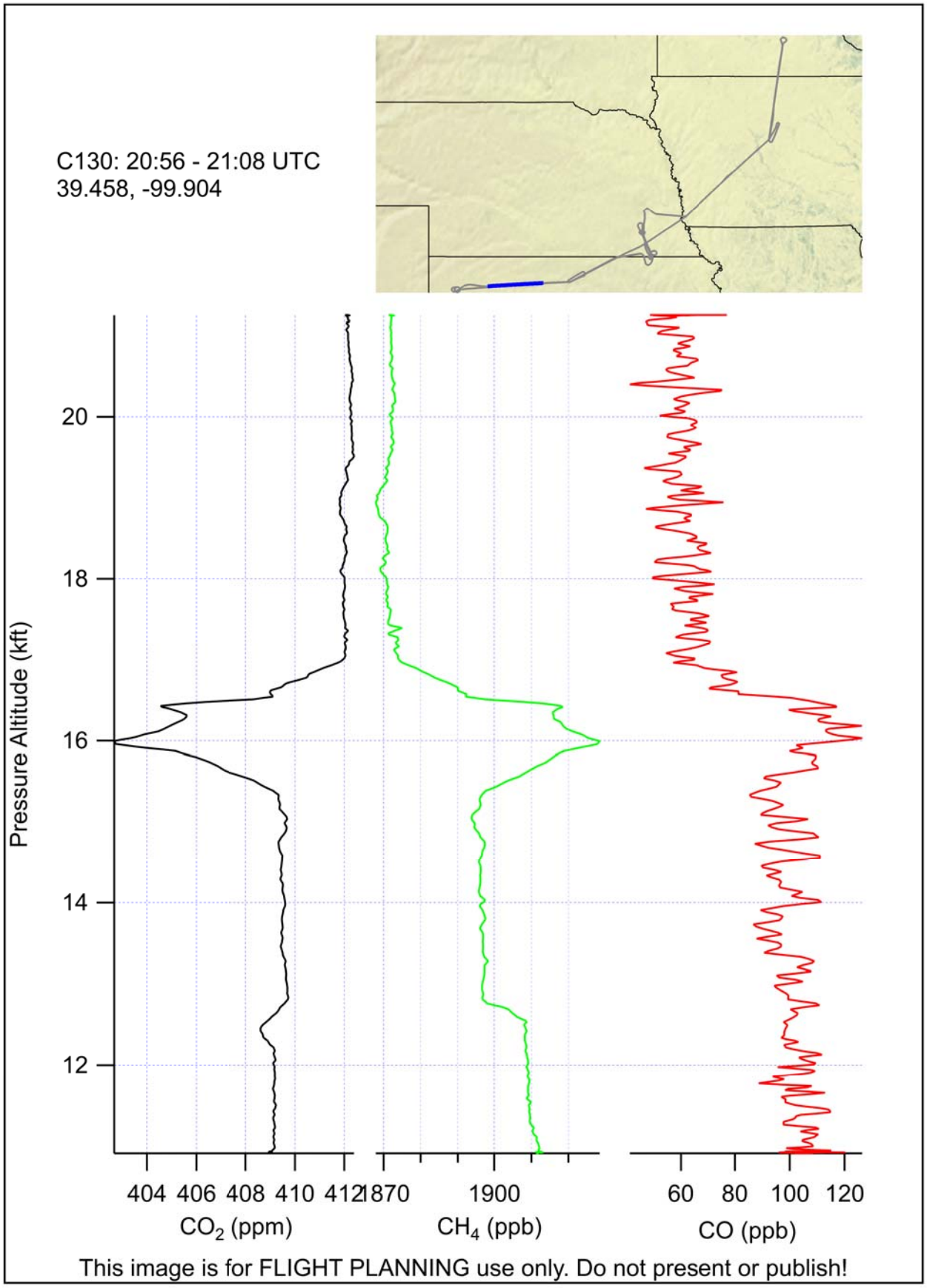

C130: 16:54 - 17:07 UTC
40.85, -96.414
Pressure Altitude (kft)
10
8
6
4
2
396 398 400 402 404 406
CO2 (ppm)
1920 1940 1960 1980
CH4 (ppb)
90 100 110 120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

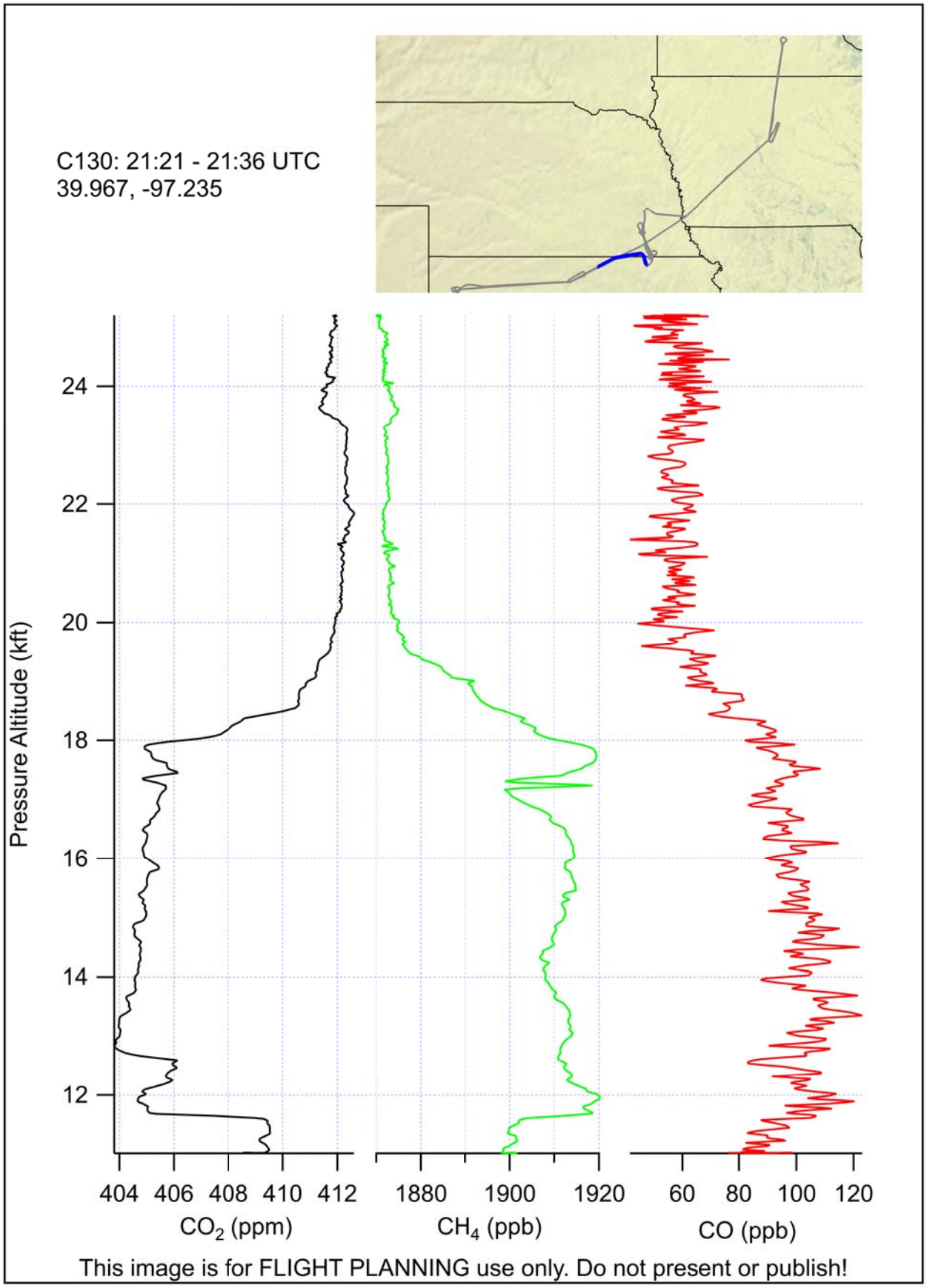

C130: 17:47 - 17:59 UTC
44.032, -93.404
Pressure Altitude (kft)
10
8
6
4
406
408
410
CO2 (ppm)
1910
1950
CH4 (ppb)
70
80
90
100
110
120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

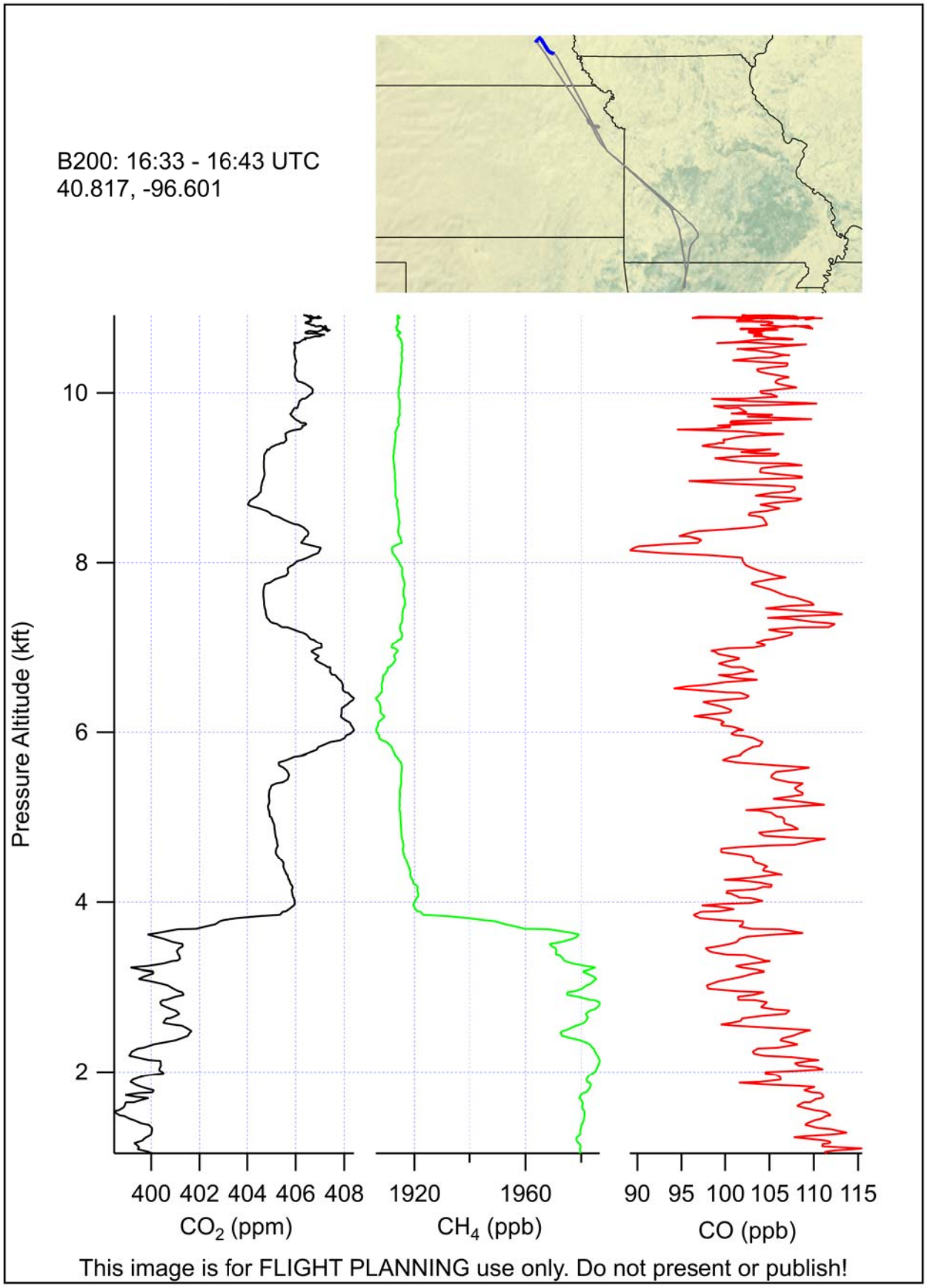

C130: 18:26 - 18:34 UTC
42.381, -93.59
Pressure Altitude (kft)
10
8
6
4
396
400
404
408
CO_2 (ppm)
1920
1940
1960
CH_4 (ppb)
90
100
110
120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

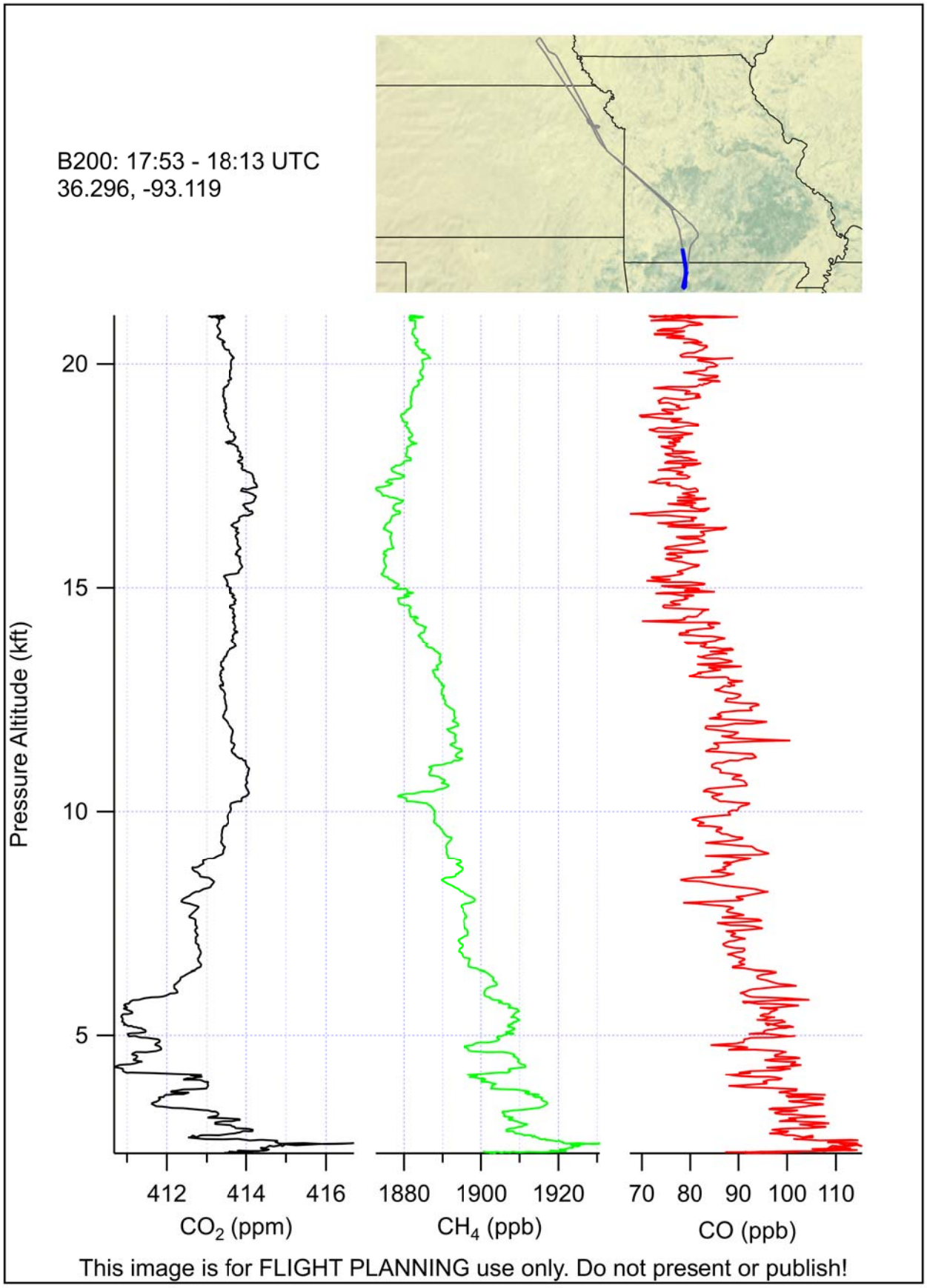

C130: 19:47 - 19:56 UTC
39.58, -98.503
Pressure Altitude (kft)
10
8
6
4
395
400
405
CO2 (ppm)
1910
1950
CH4 (ppb)
90
100
110
120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

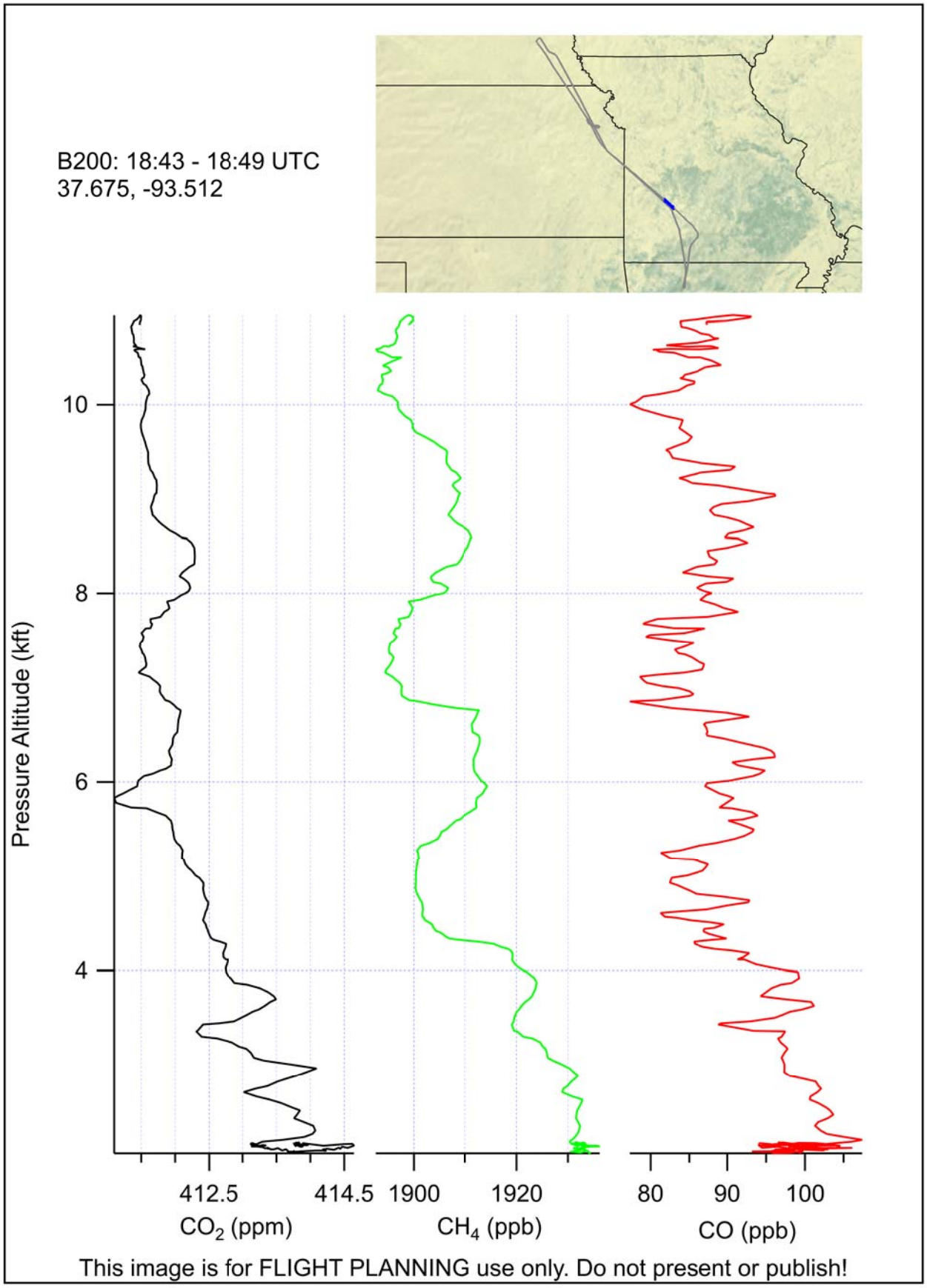

C130: 20:29 - 20:47 UTC
39.366, -101.33
Pressure Altitude (kft)
20
18
16
14
12
10
8
6
4
404 406 408 410 412
CO2 (ppm)
1870 1900
CH4 (ppb)
40 60 80 100 120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

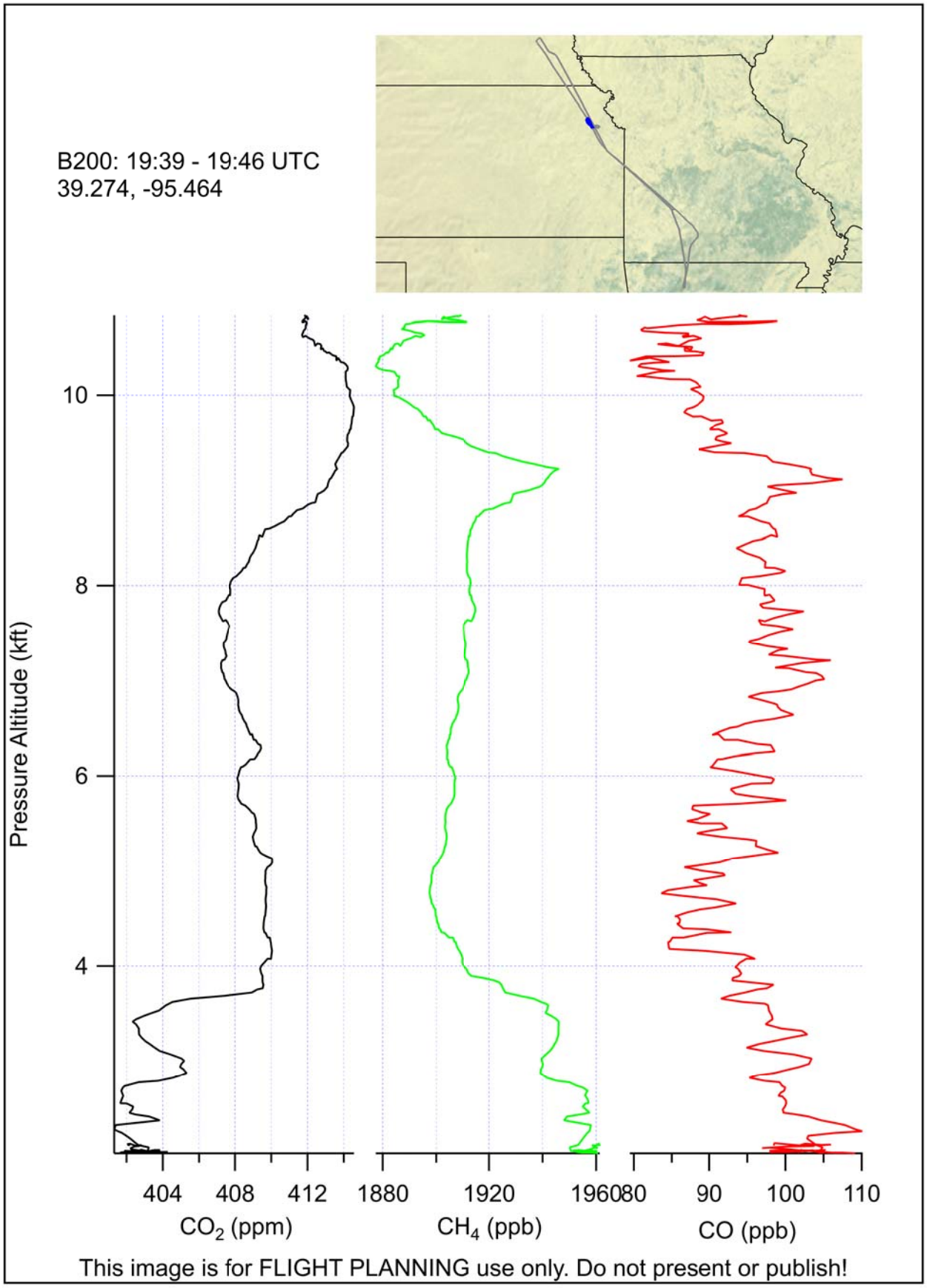

C130: 20:56 - 21:08 UTC
39.458, -99.904
Pressure Altitude (kft)
20
18
16
14
12
404 406 408 410 412
CO_2 (ppm)
1870 1900
CH_4 (ppb)
60 80 100 120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 21:21 - 21:36 UTC
39.967, -97.235
Pressure Altitude (kft)
24
22
20
18
16
14
12
404 406 408 410 412
CO2 (ppm)
1880 1900 1920
CH4 (ppb)
60 80 100 120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 16:33 - 16:43 UTC
40.817, -96.601
Pressure Altitude (kft)
10
8
6
4
2
400 402 404 406 408
CO2 (ppm)
1920 1960
CH4 (ppb)
90 95 100 105 110 115
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:53 - 18:13 UTC
36.296, -93.119
Pressure Altitude (kft)
20
15
10
5
412
414
416
CO_2 (ppm)
1880
1900
1920
CH_4 (ppb)
70
80
90
100
110
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:43 - 18:49 UTC
37.675, -93.512
Pressure Altitude (kft)
10
8
6
4
412.5
414.5
CO2 (ppm)
1900
1920
CH4 (ppb)
80
90
100
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:39 - 19:46 UTC
39.274, -95.464
Pressure Altitude (kft)
10
8
6
4
404
408
412
CO_2 (ppm)
1880
1920
1960
CH_4 (ppb)
80
90
100
110
CO (ppb)
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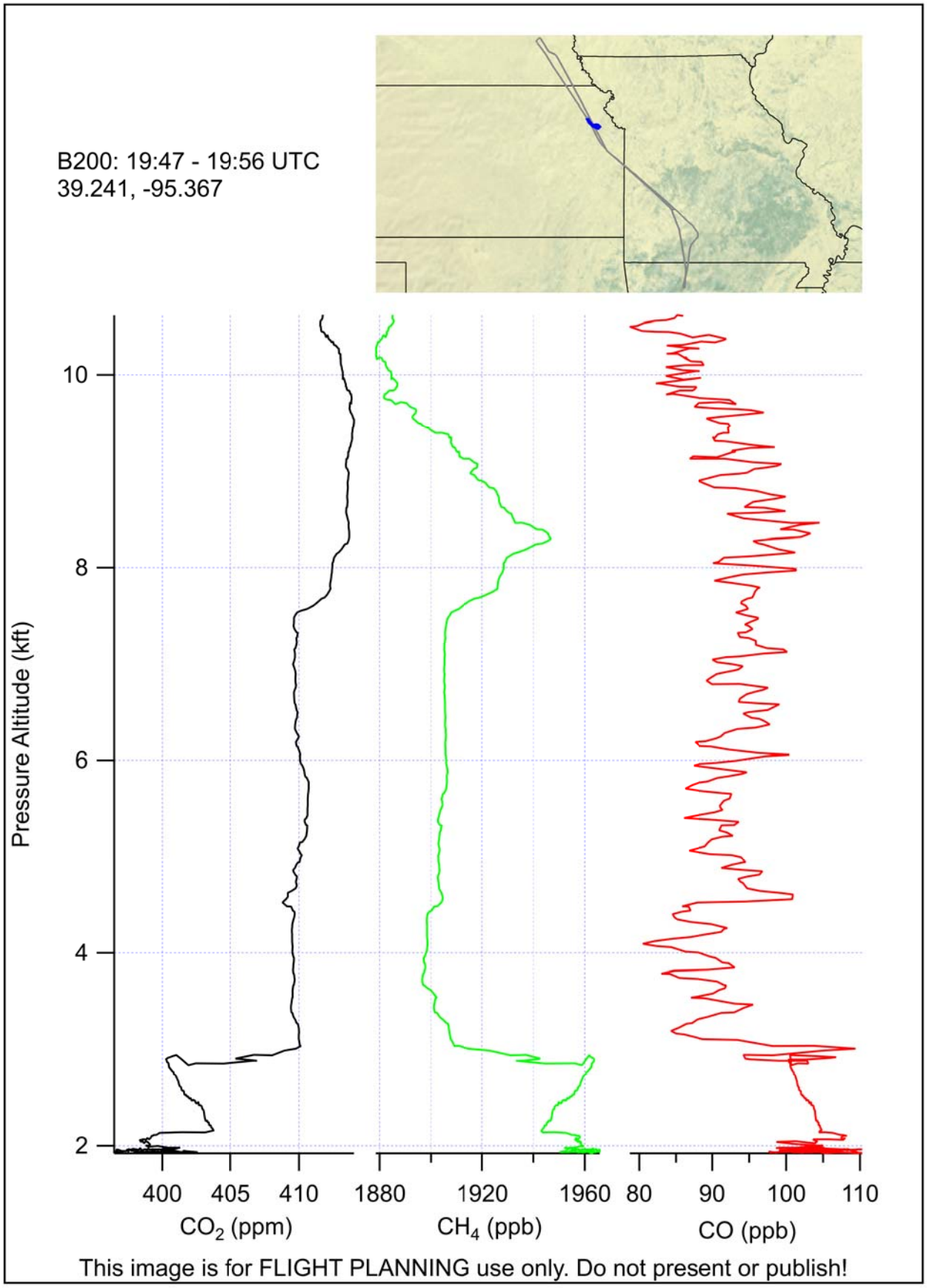
B200: 19:47 - 19:56 UTC
39.241, -95.367
Pressure Altitude (kft)
10
8
6
4
2
400
405
410
CO2 (ppm)
1880
1920
1960
CH4 (ppb)
80
90
100
110
CO (ppb)
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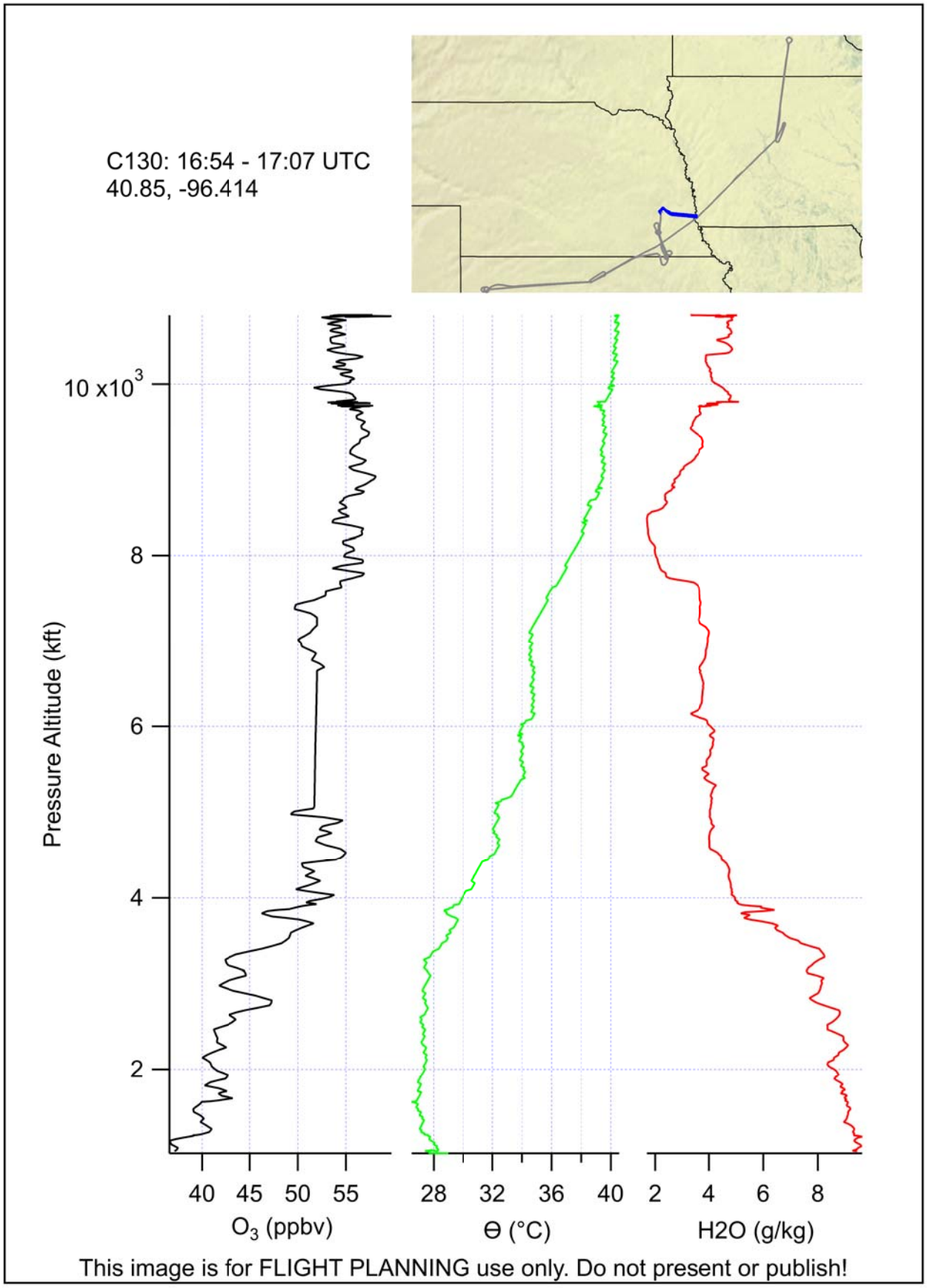
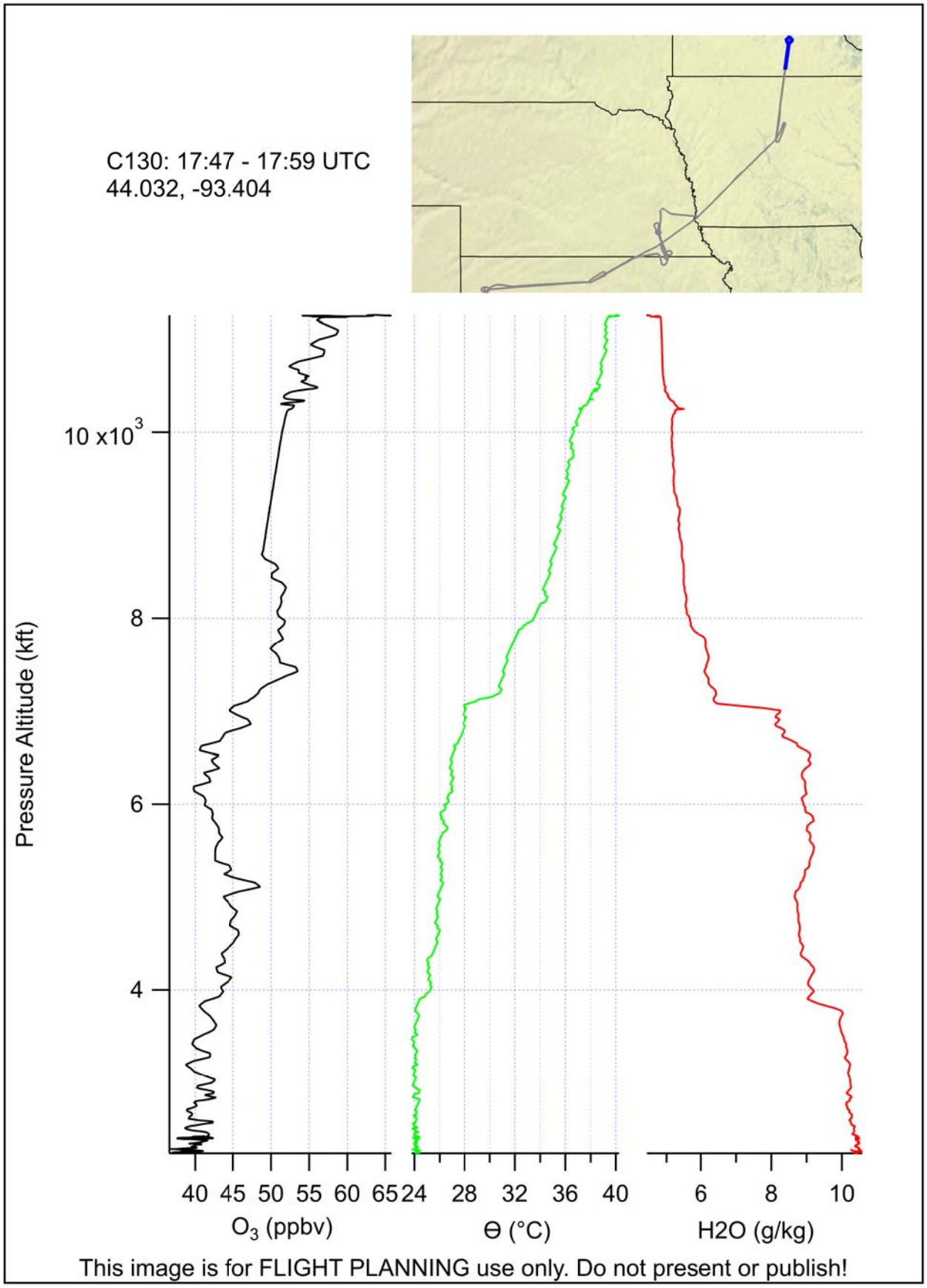

C130: 16:54 - 17:07 UTC
40.85, -96.414
Pressure Altitude (kft)
10 x10^3
8
6
4
2
40 45 50 55
O3 (ppbv)
28 32 36 40
Θ (°C)
2 4 6 8
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:47 - 17:59 UTC
44.032, -93.404
Pressure Altitude (kft)
10 x10^3
8
6
4
40 45 50 55 60 65
O3 (ppbv)
24 28 32 36 40
Θ (°C)
6 8 10
H2O (g/kg)
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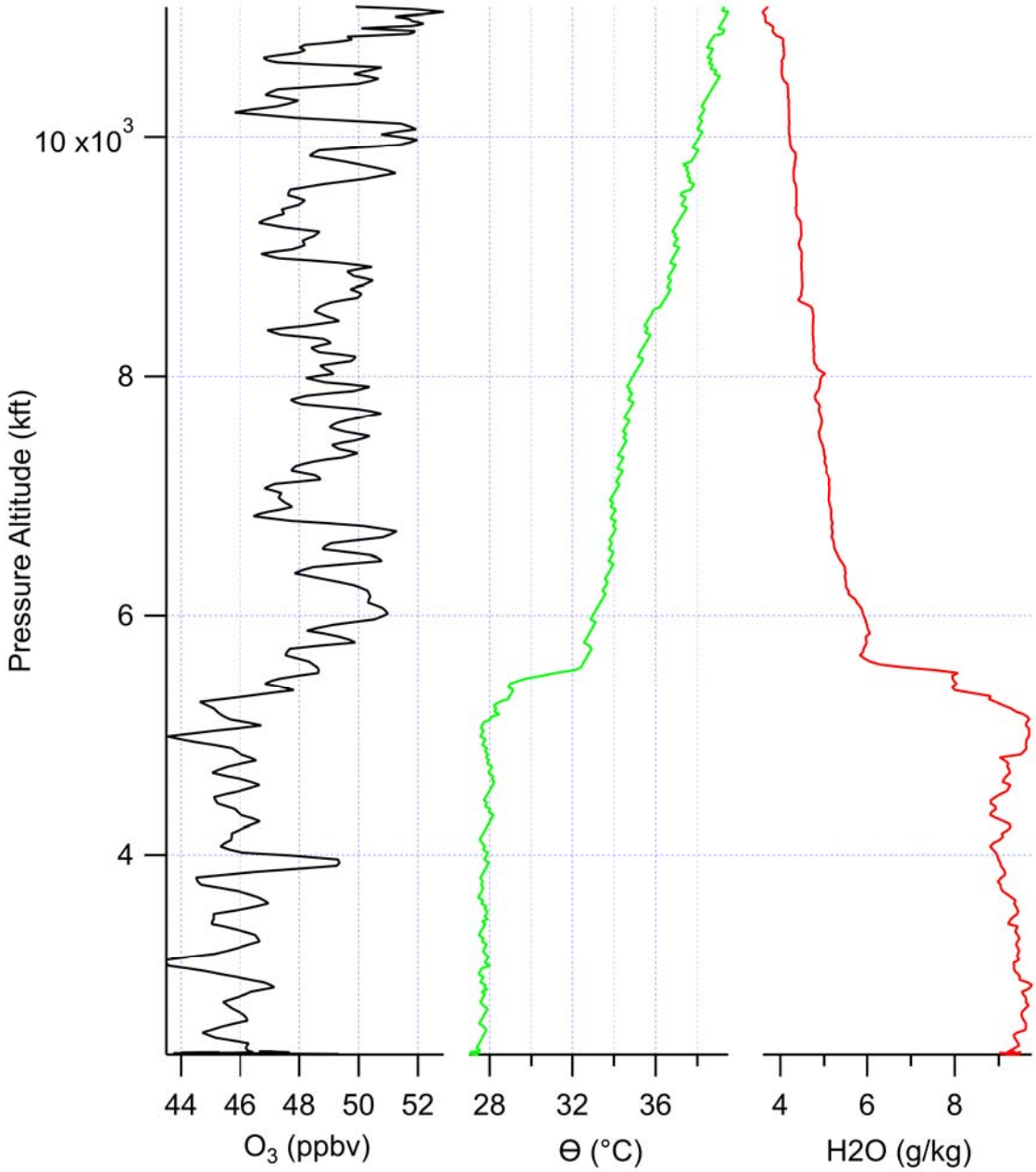
C130: 18:26 - 18:34 UTC
42.381, -93.59



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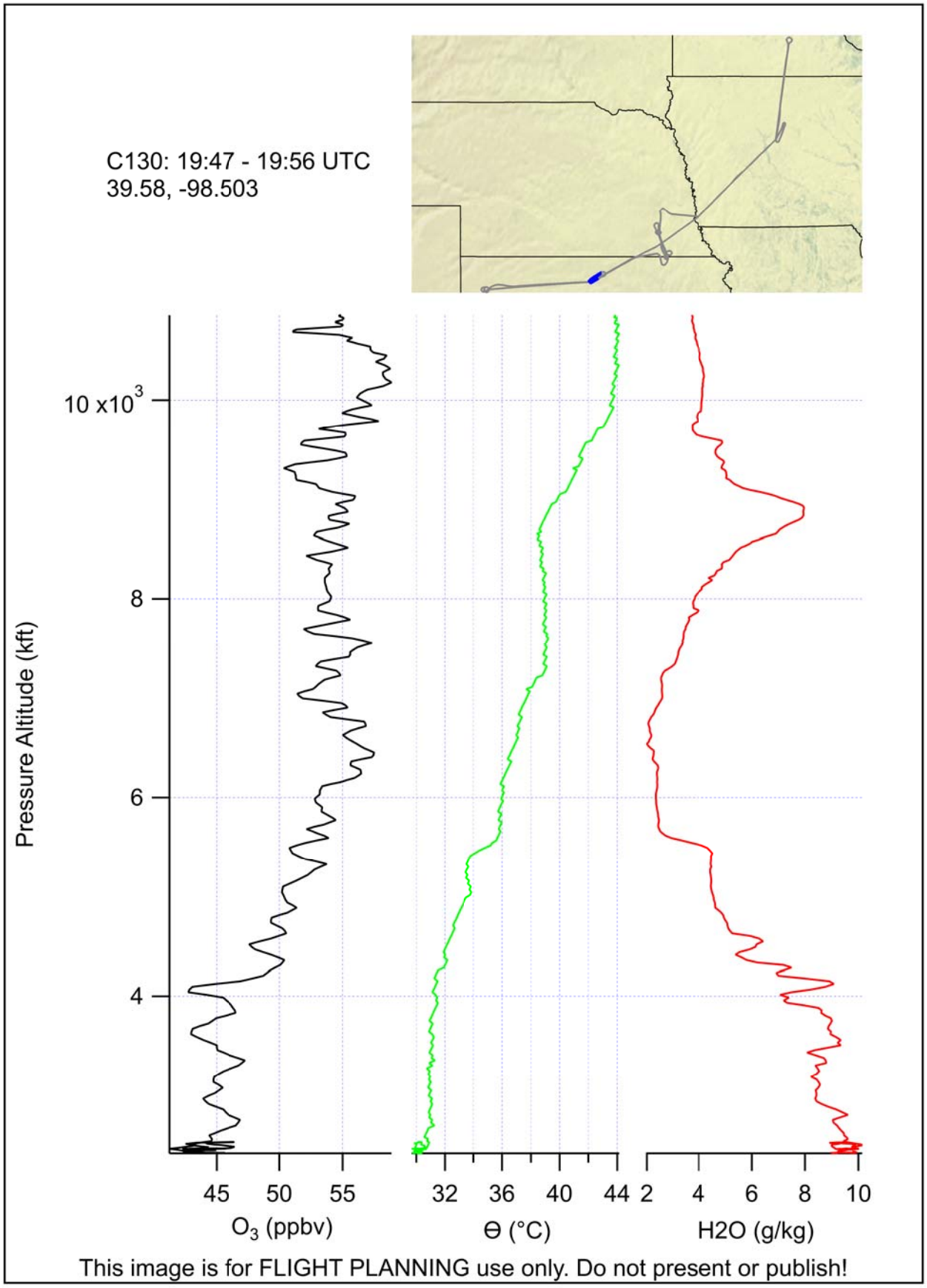
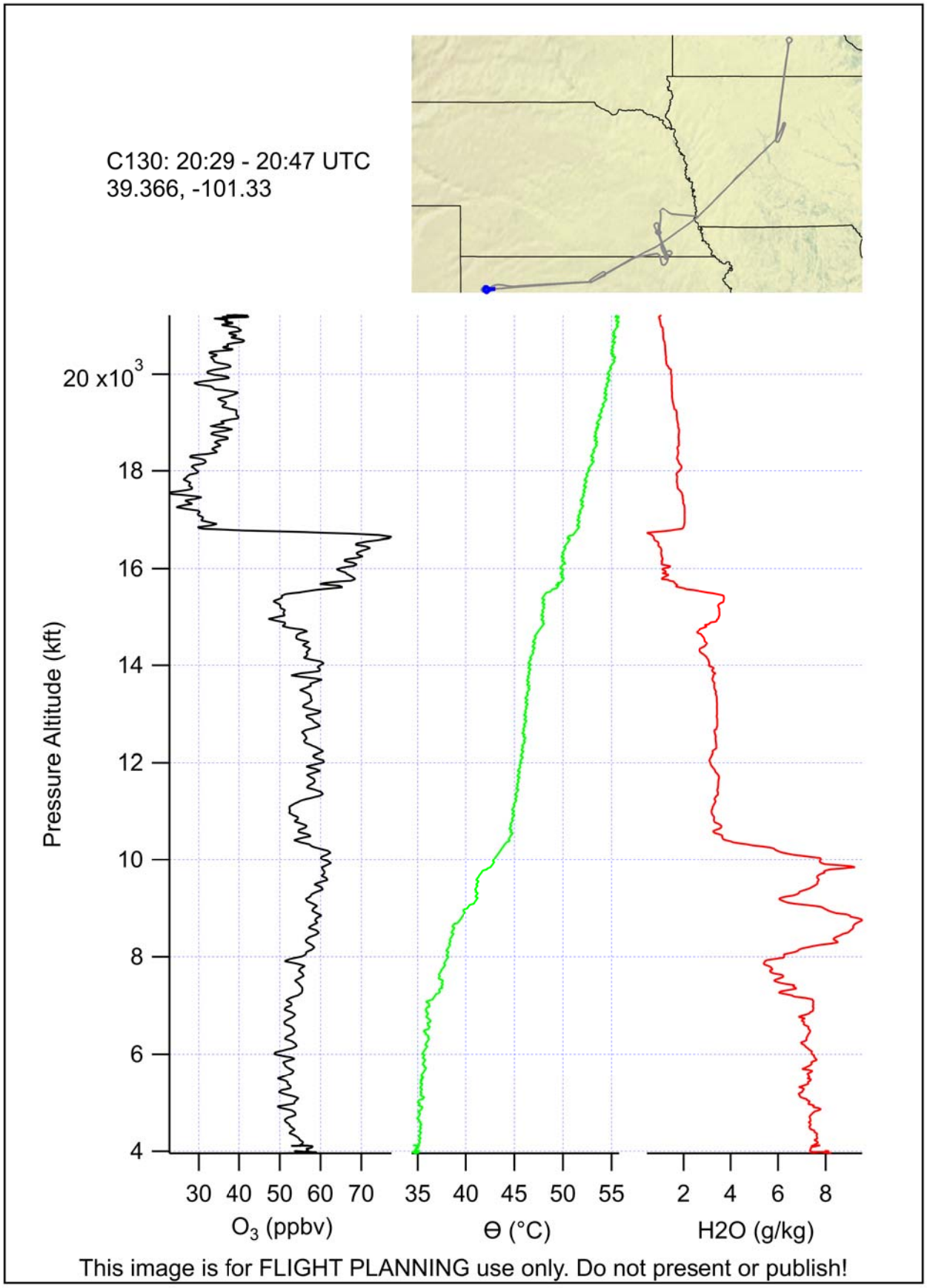
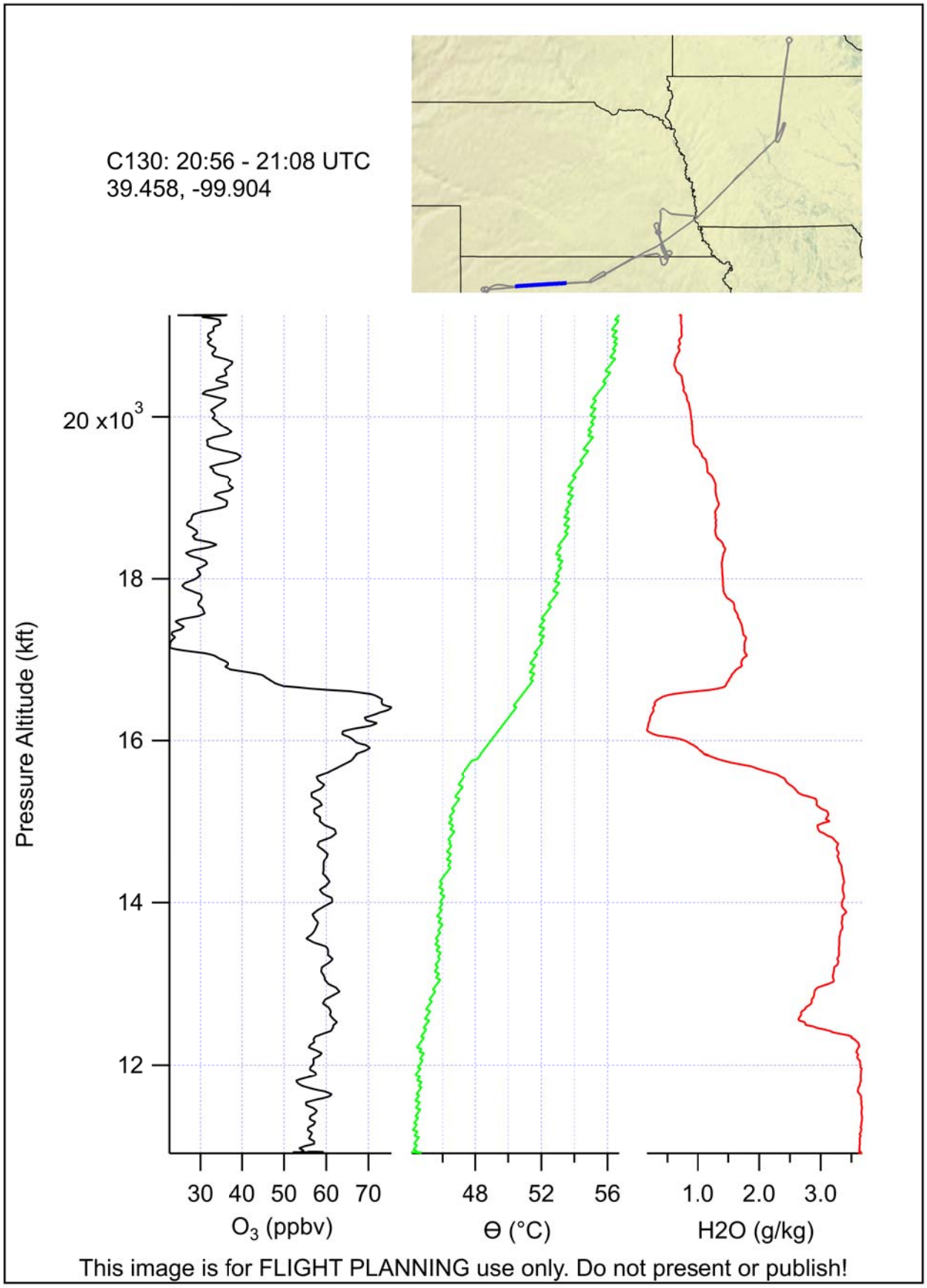
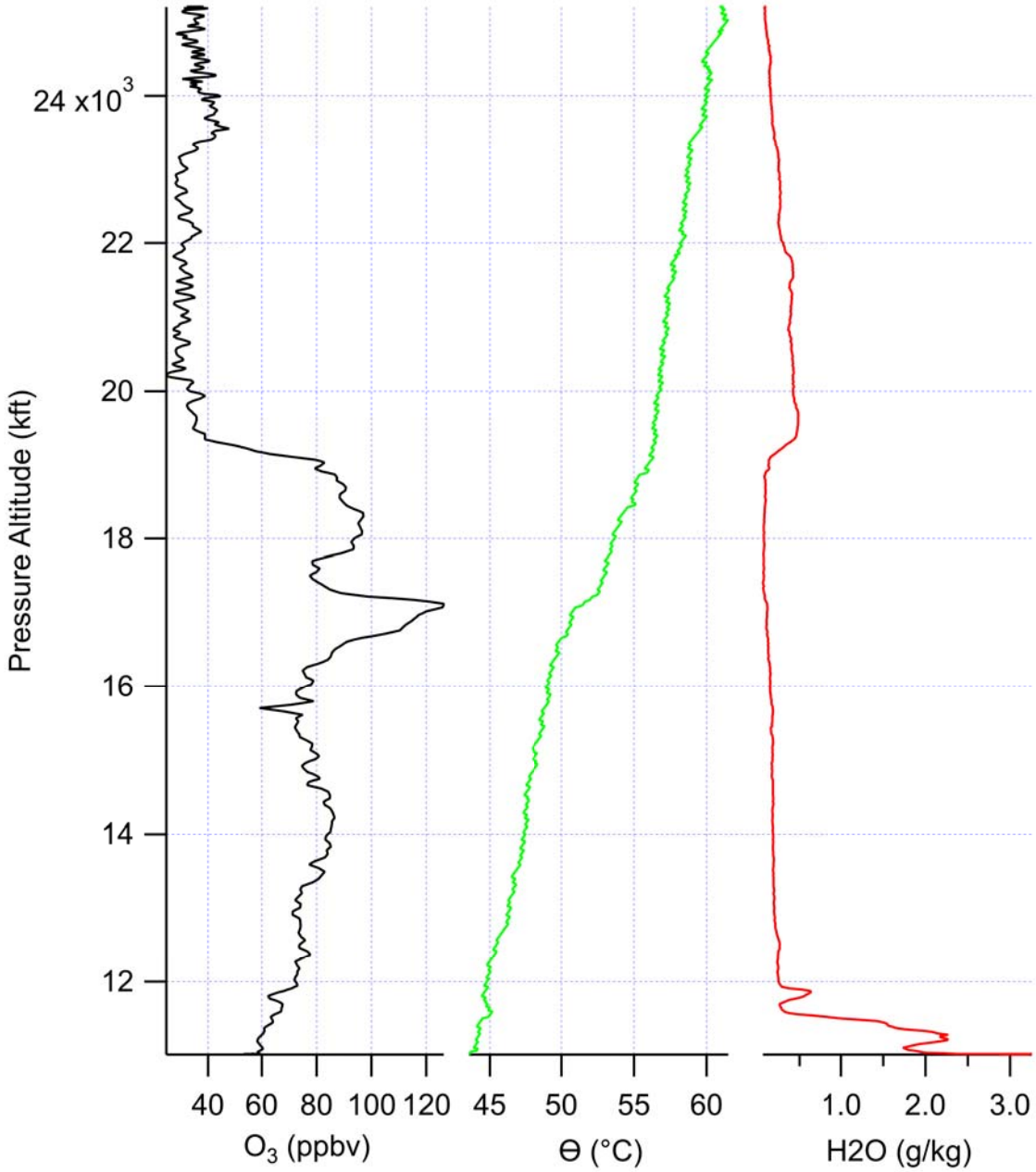

C130: 19:47 - 19:56 UTC
39.58, -98.503
Pressure Altitude (kft)
10 x10^3
8
6
4
45
50
55
O3 (ppbv)
32
36
40
44
Θ (°C)
2
4
6
8
10
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:29 - 20:47 UTC
39.366, -101.33
Pressure Altitude (kft)
20 x10^3
18
16
14
12
10
8
6
4
30 40 50 60 70
O3 (ppbv)
35 40 45 50 55
Θ (°C)
2 4 6 8
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:56 - 21:08 UTC
39.458, -99.904
Pressure Altitude (kft)
20 x10^3
18
16
14
12
30 40 50 60 70
O3 (ppbv)
48 52 56
Θ (°C)
1.0 2.0 3.0
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

C130: 21:21 - 21:36 UTC
39.967, -97.235



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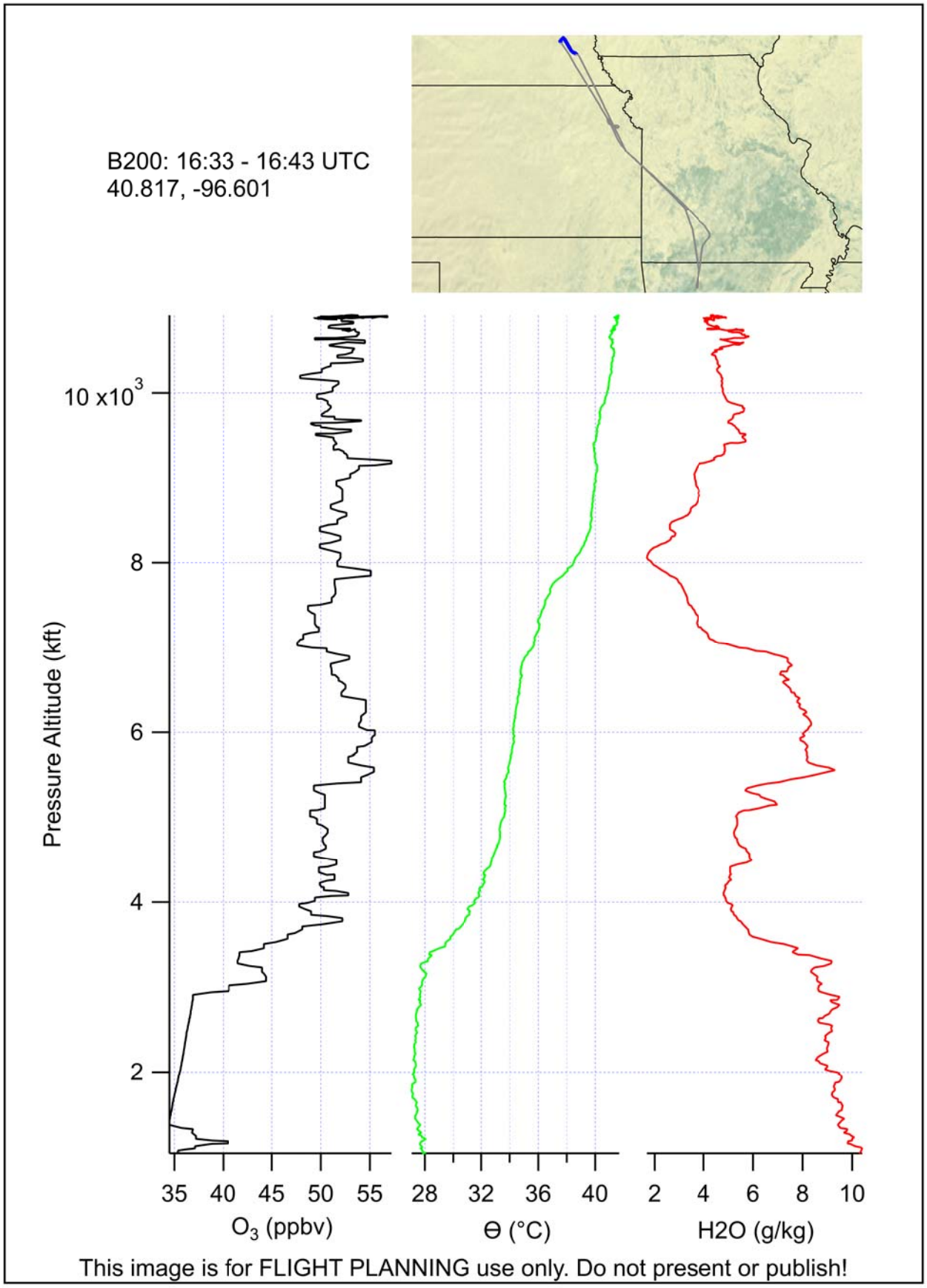
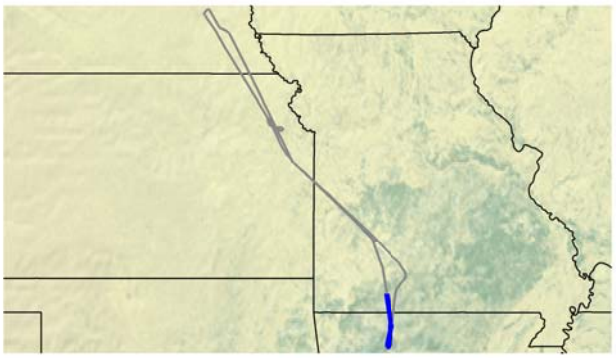
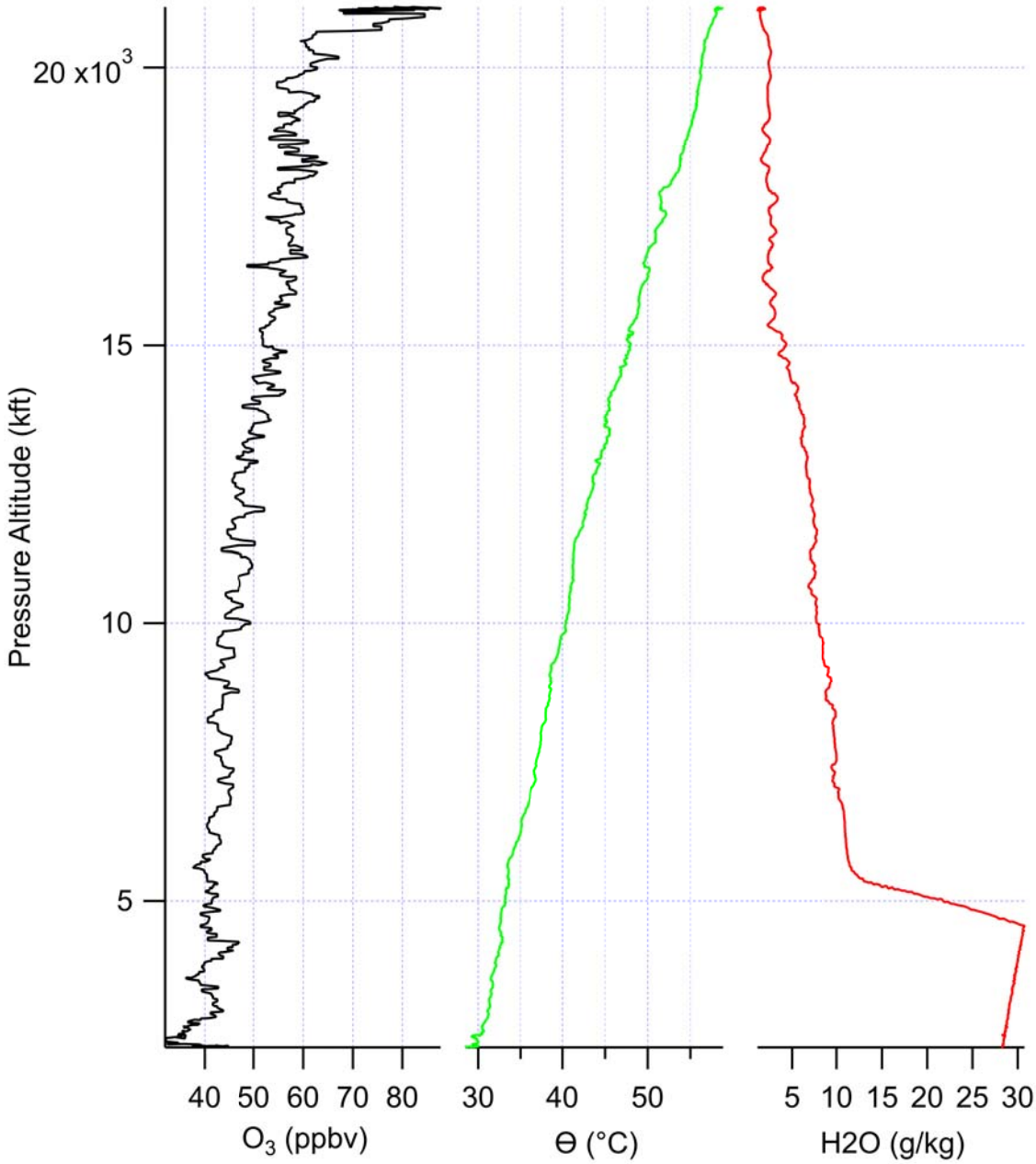
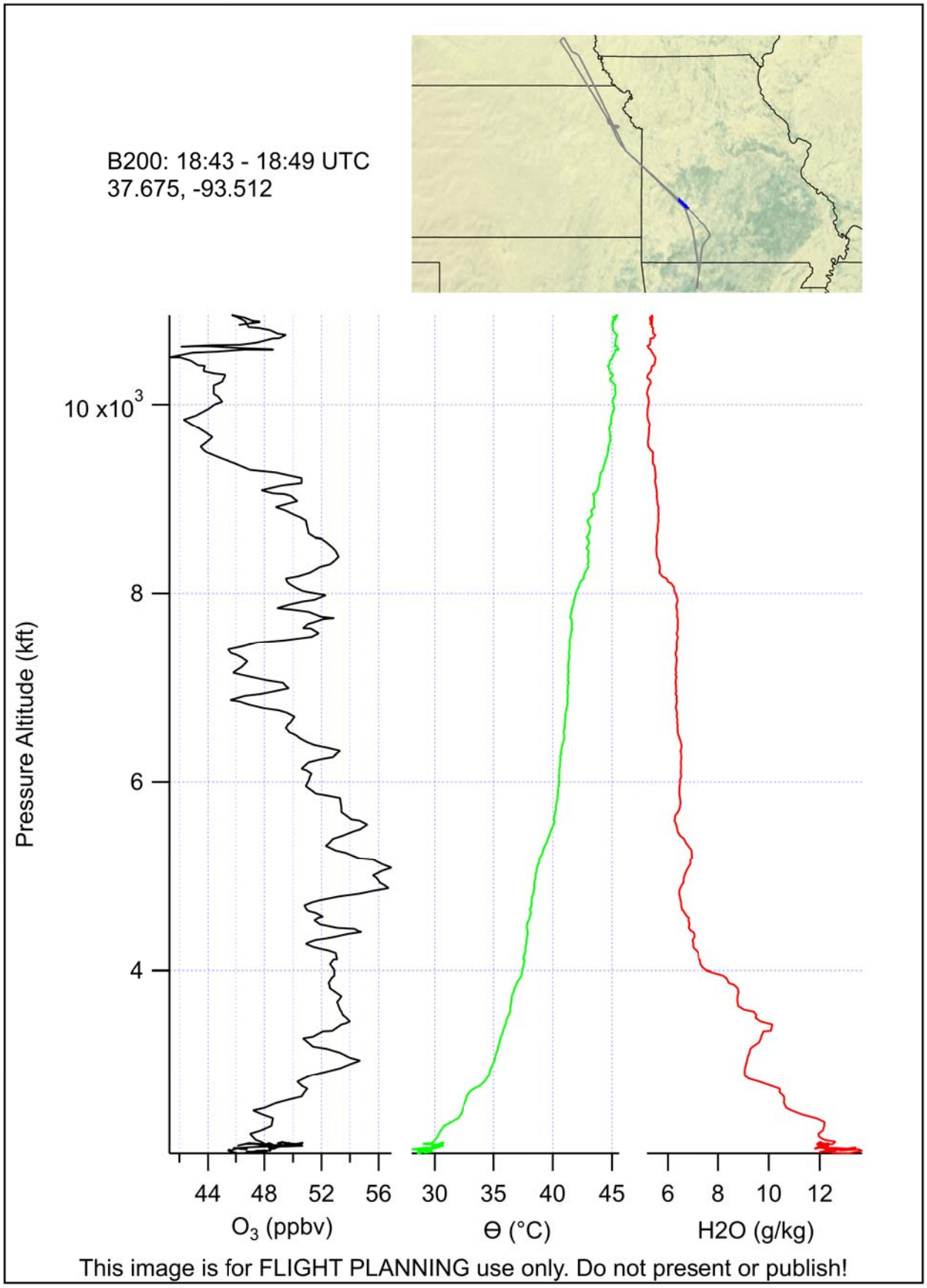

B200: 16:33 - 16:43 UTC
40.817, -96.601
Pressure Altitude (kft)
10 x10^3
8
6
4
2
35 40 45 50 55
O3 (ppbv)
28 32 36 40
Θ (°C)
2 4 6 8 10
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

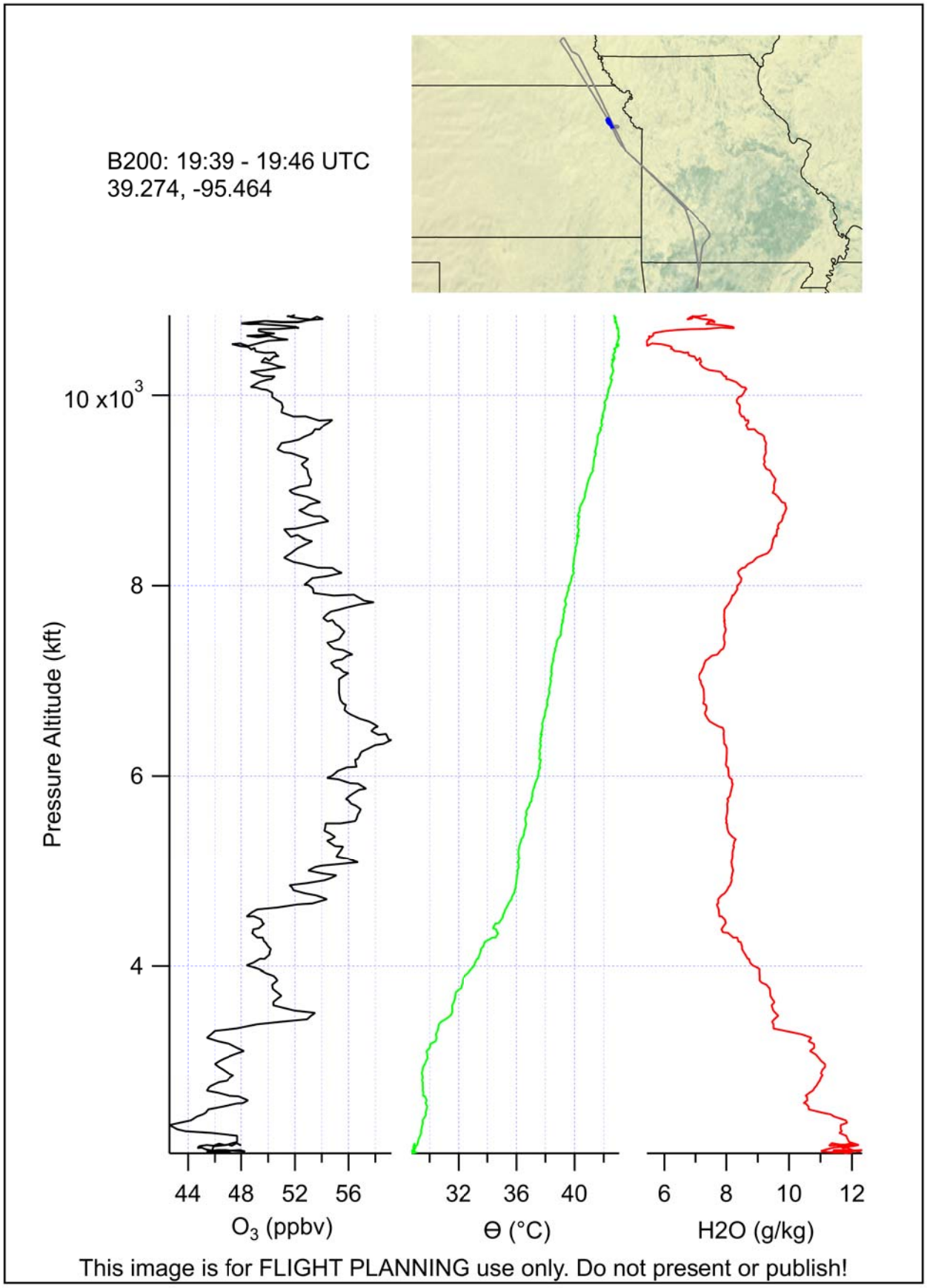


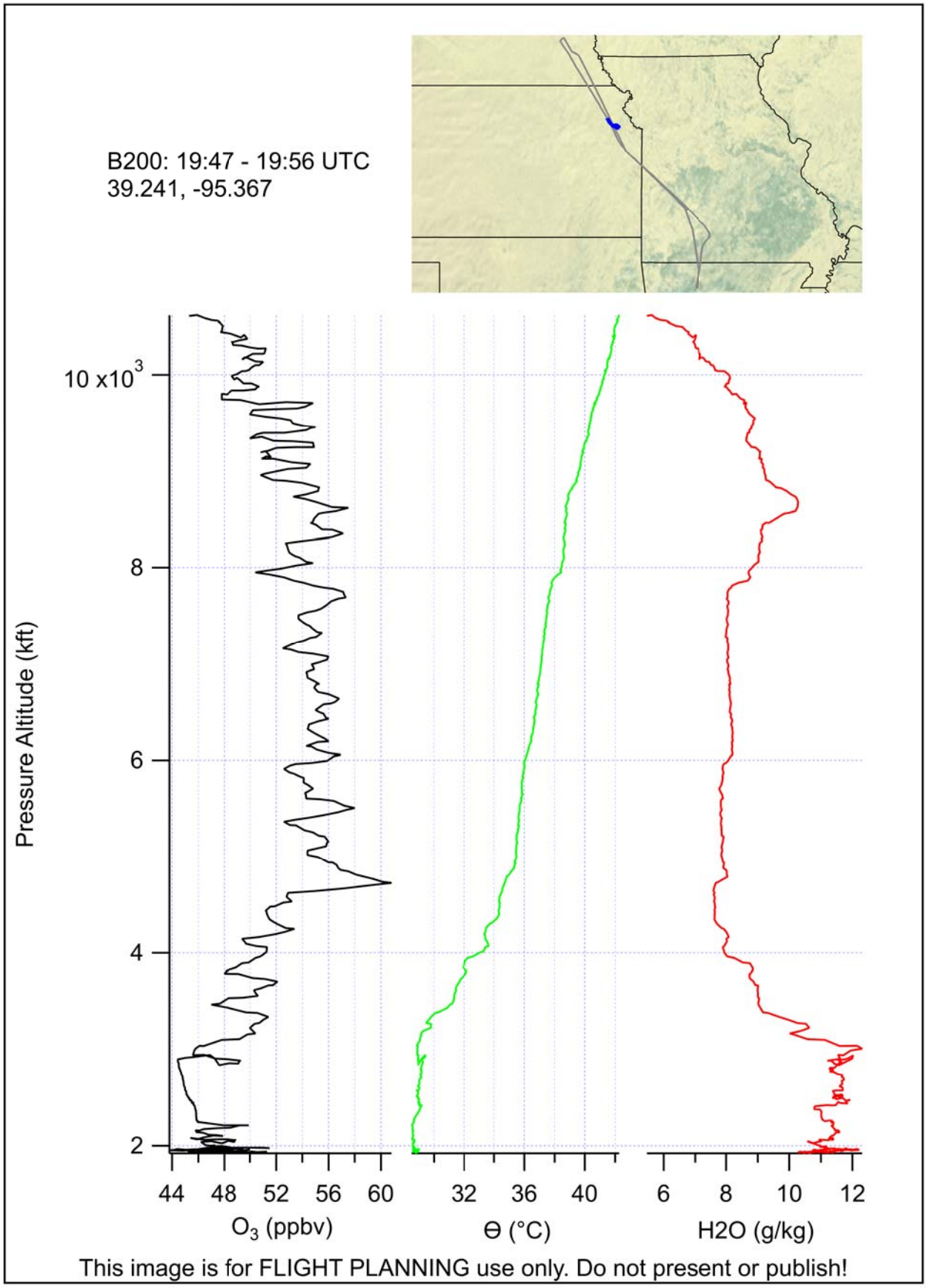
B200: 17:53 - 18:13 UTC
36.296, -93.119



This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:43 - 18:49 UTC
37.675, -93.512
Pressure Altitude (kft)
10 x10^3
8
6
4
44
48
52
56
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!


B200: 19:39 - 19:46 UTC
39.274, -95.464
10 x10^3
8
6
4
Pressure Altitude (kft)
44 48 52 56
O3 (ppbv)
32 36 40
Θ (°C)
6 8 10 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:47 - 19:56 UTC
39.241, -95.367
Pressure Altitude (kft)
10 x10^3
8
6
4
2
44 48 52 56 60
O3 (ppbv)
32 36 40
Θ (°C)
6 8 10 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!