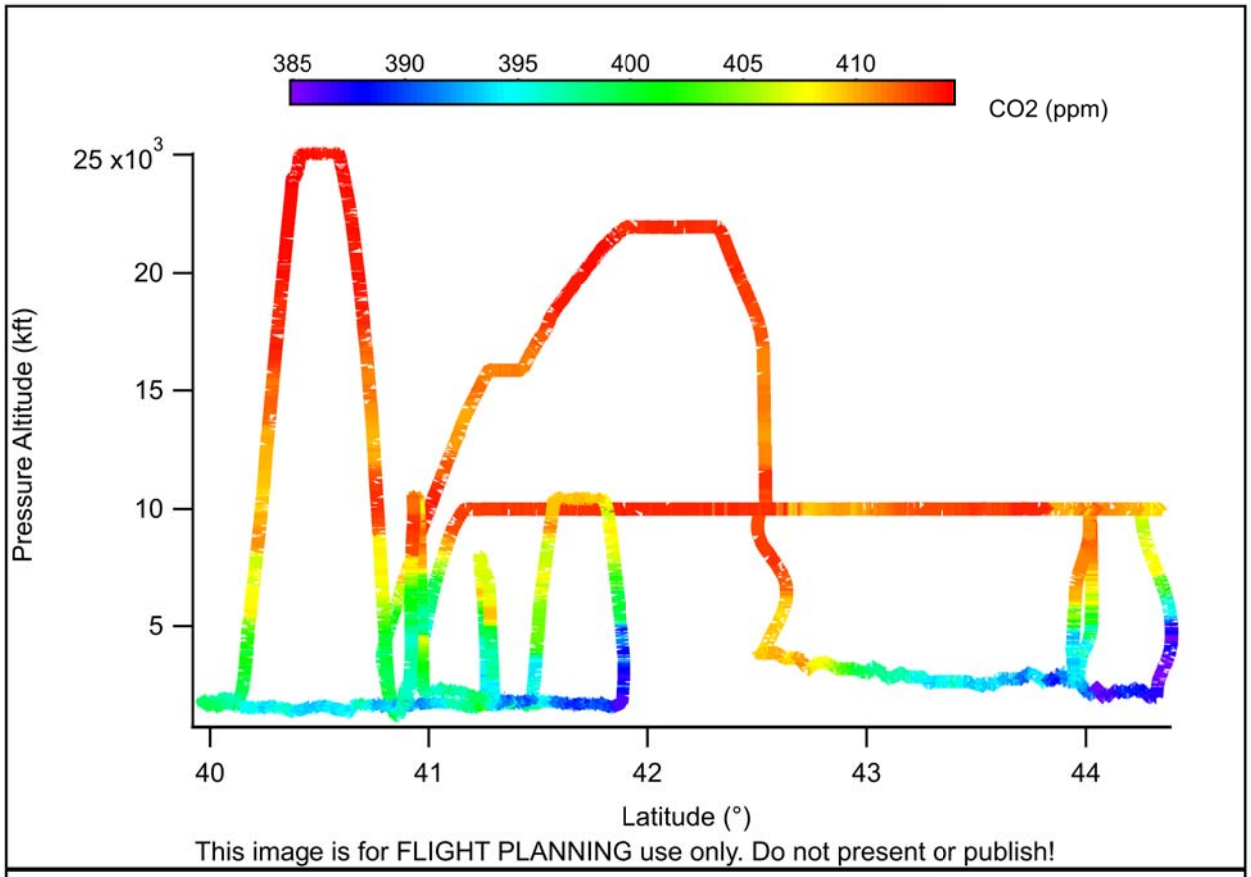
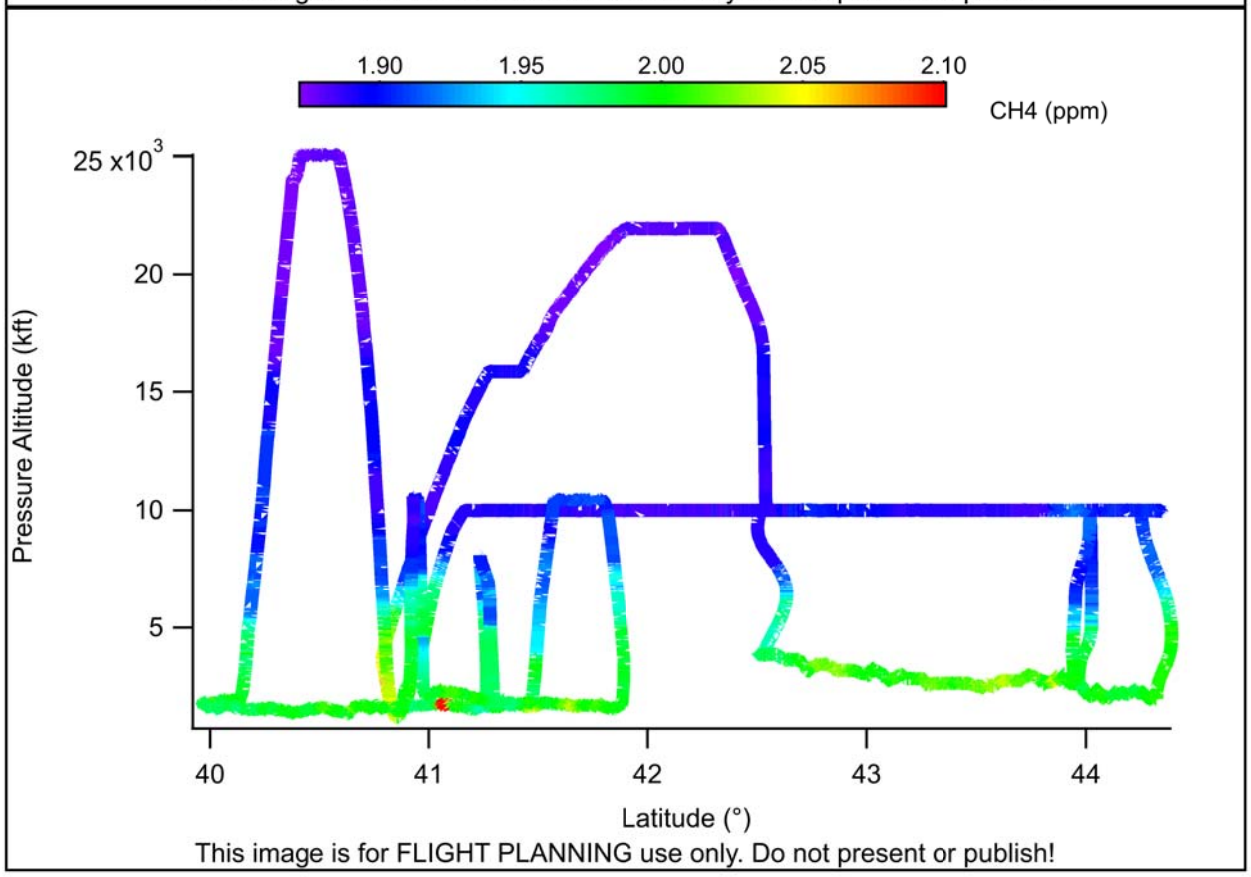
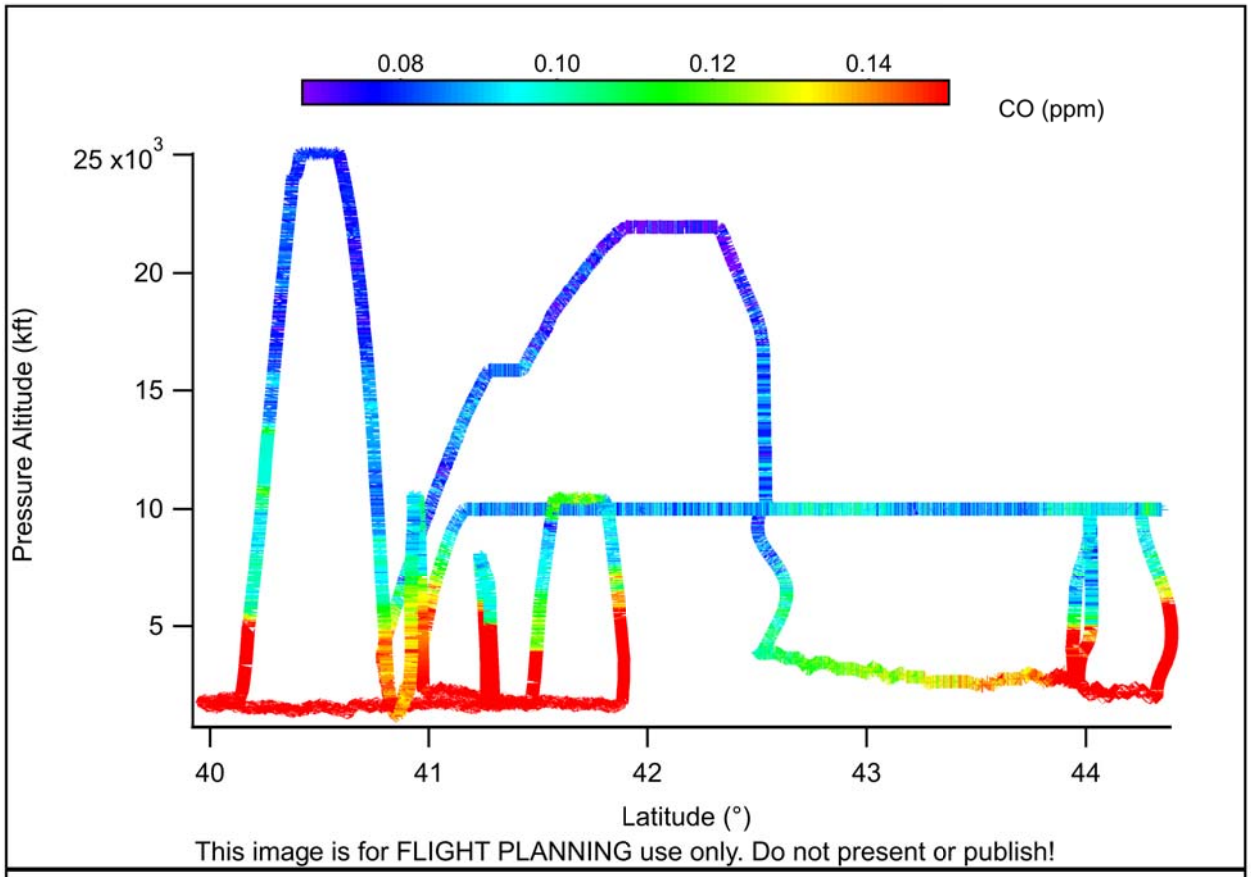
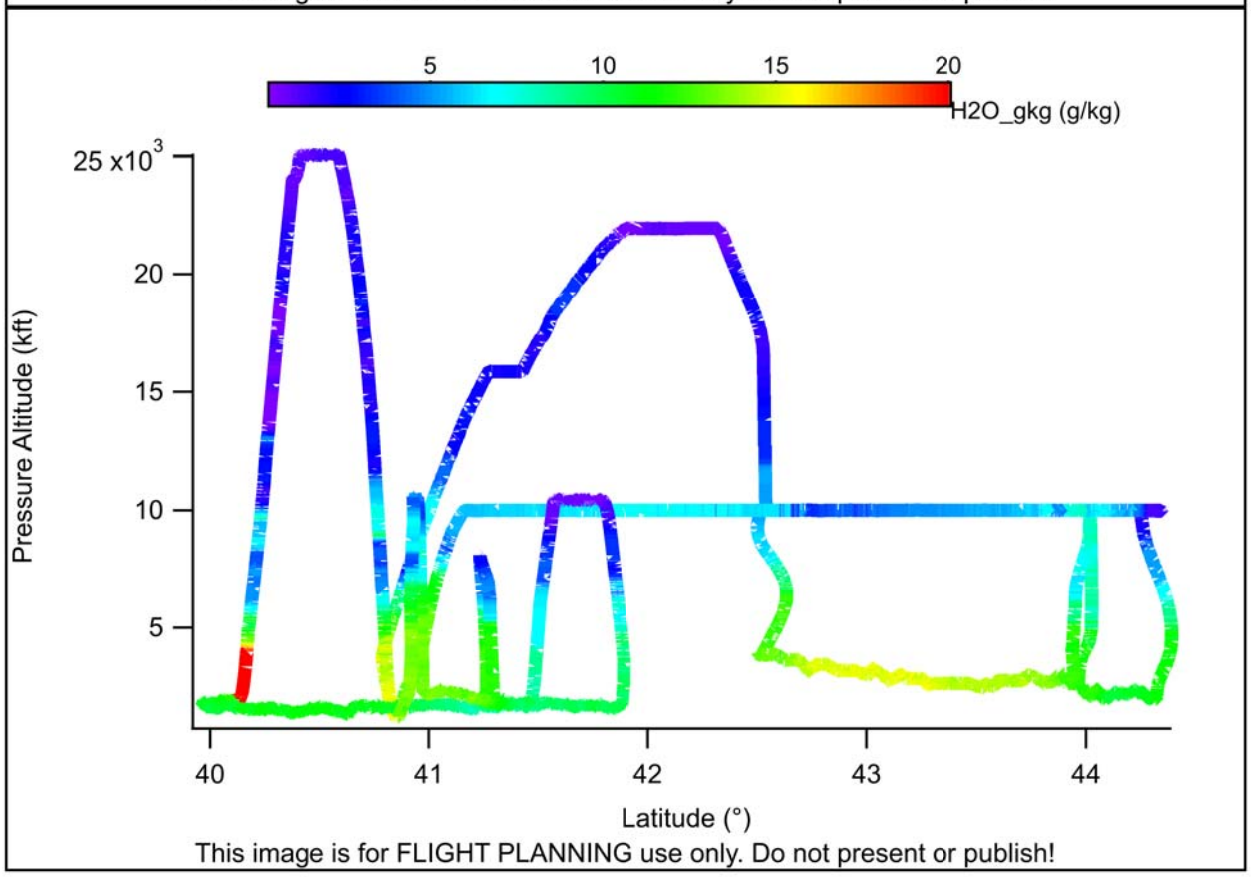
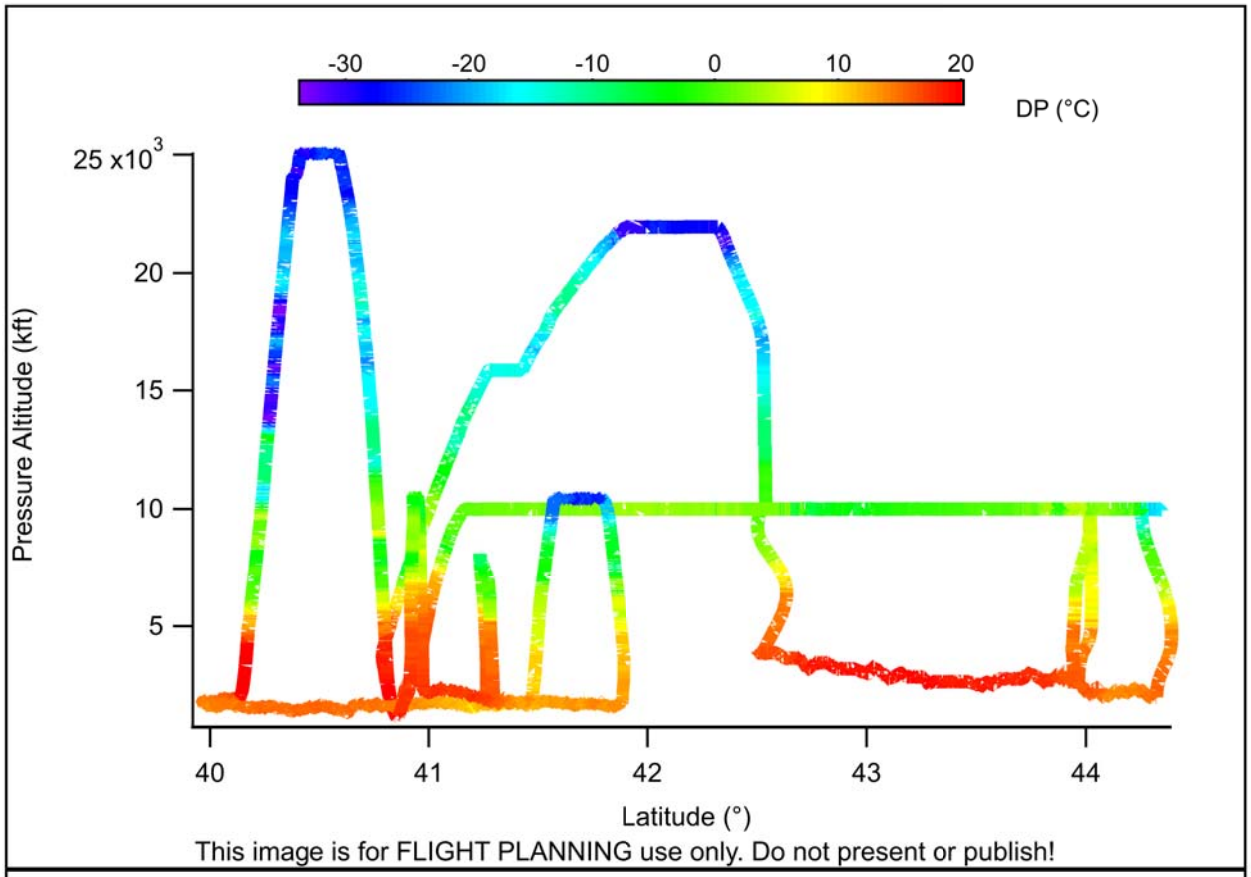
ACT-America 20190708

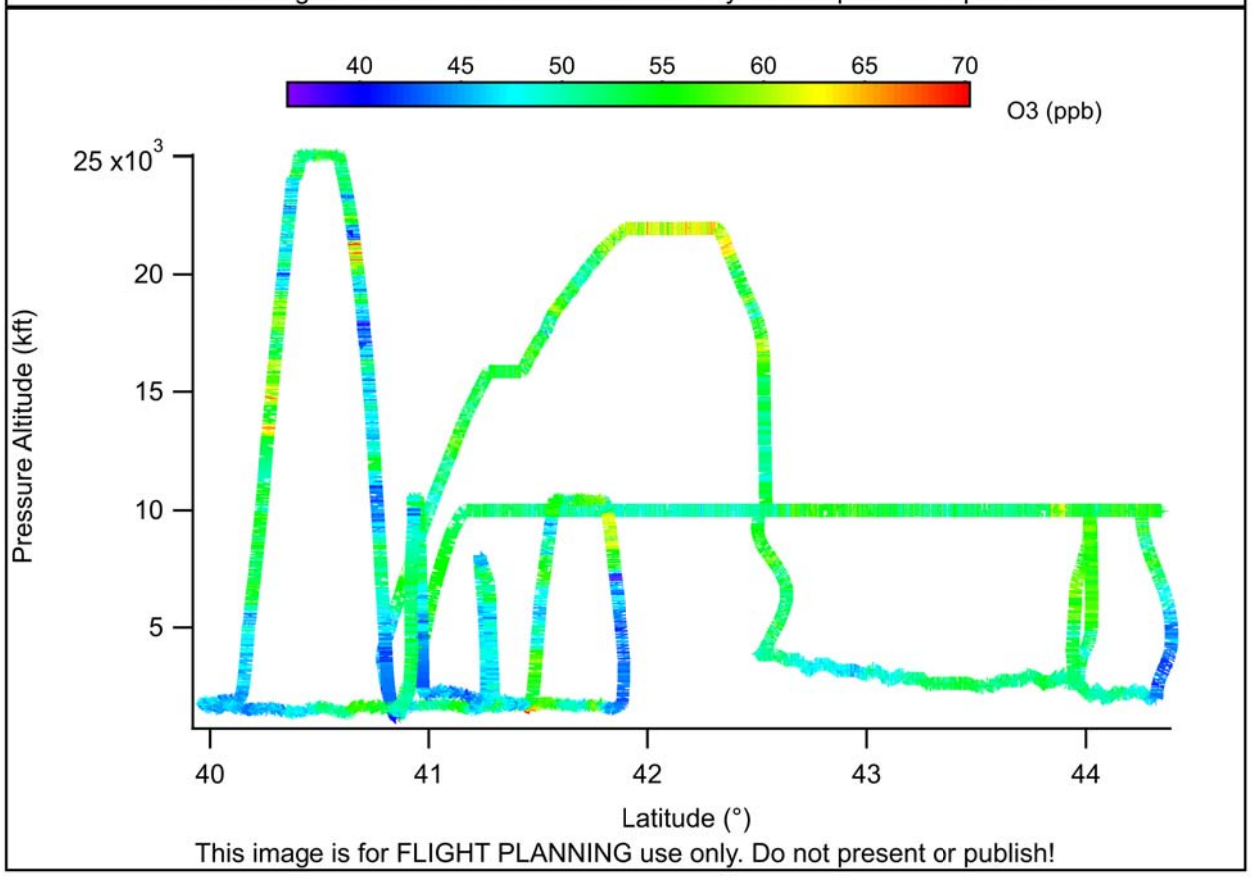

385
390
395
400
405
410
CO2 (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

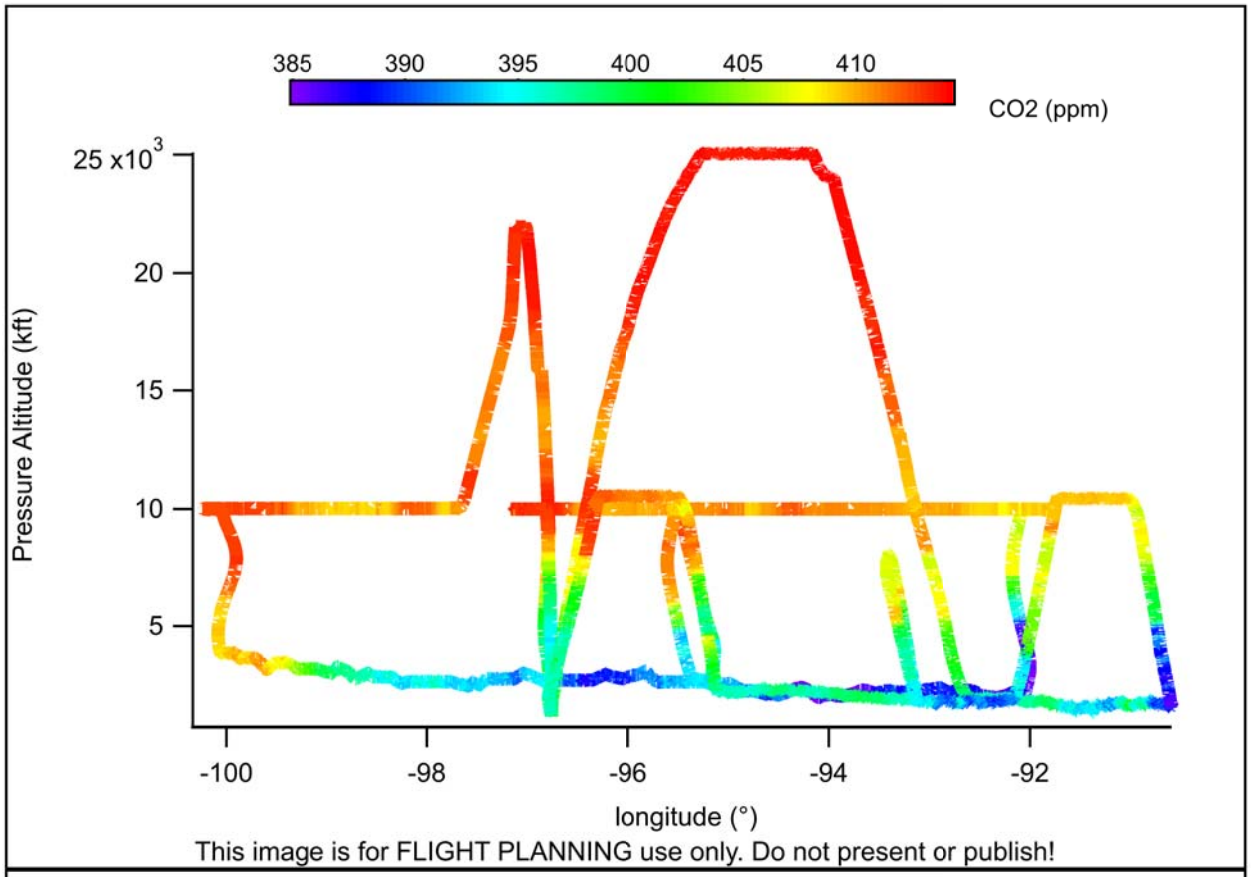

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

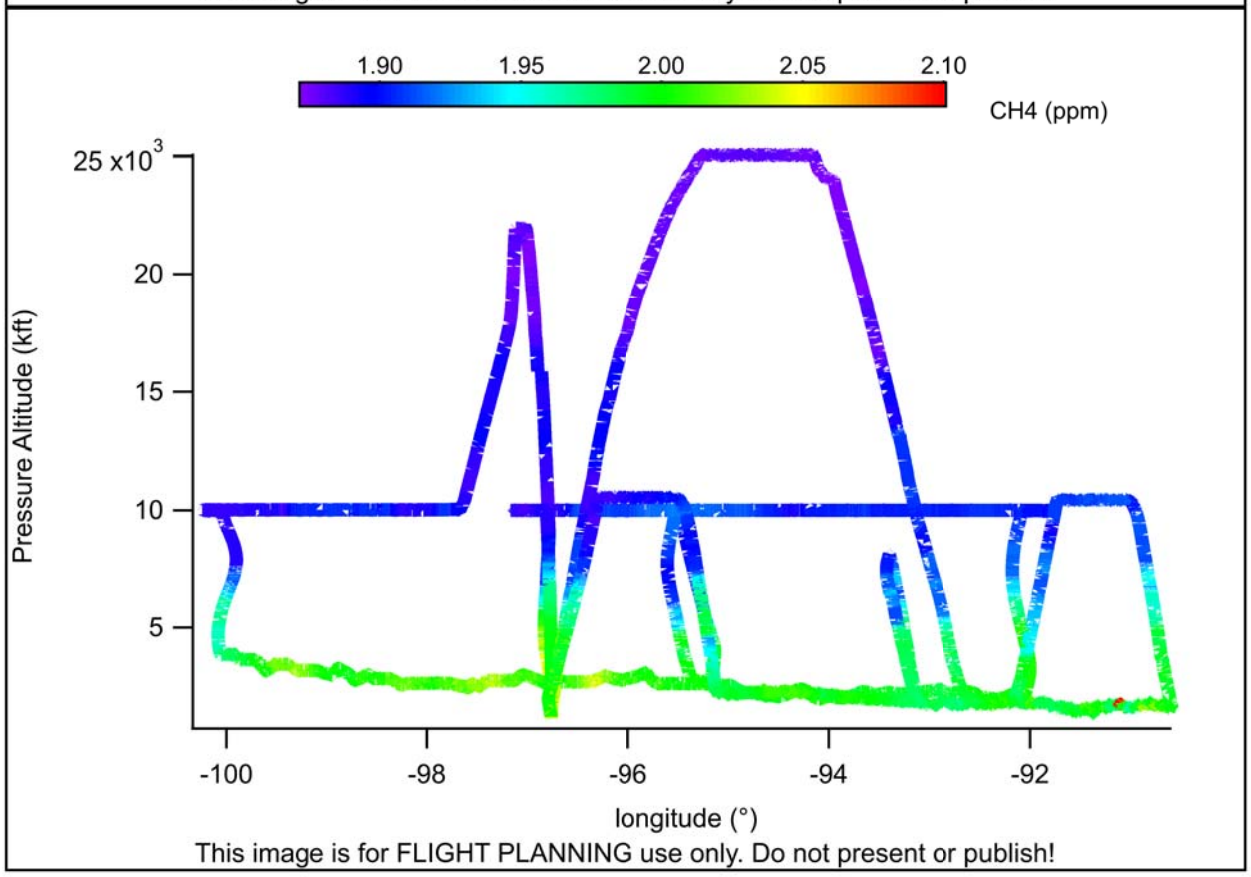

0.08
0.10
0.12
0.14
CO (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

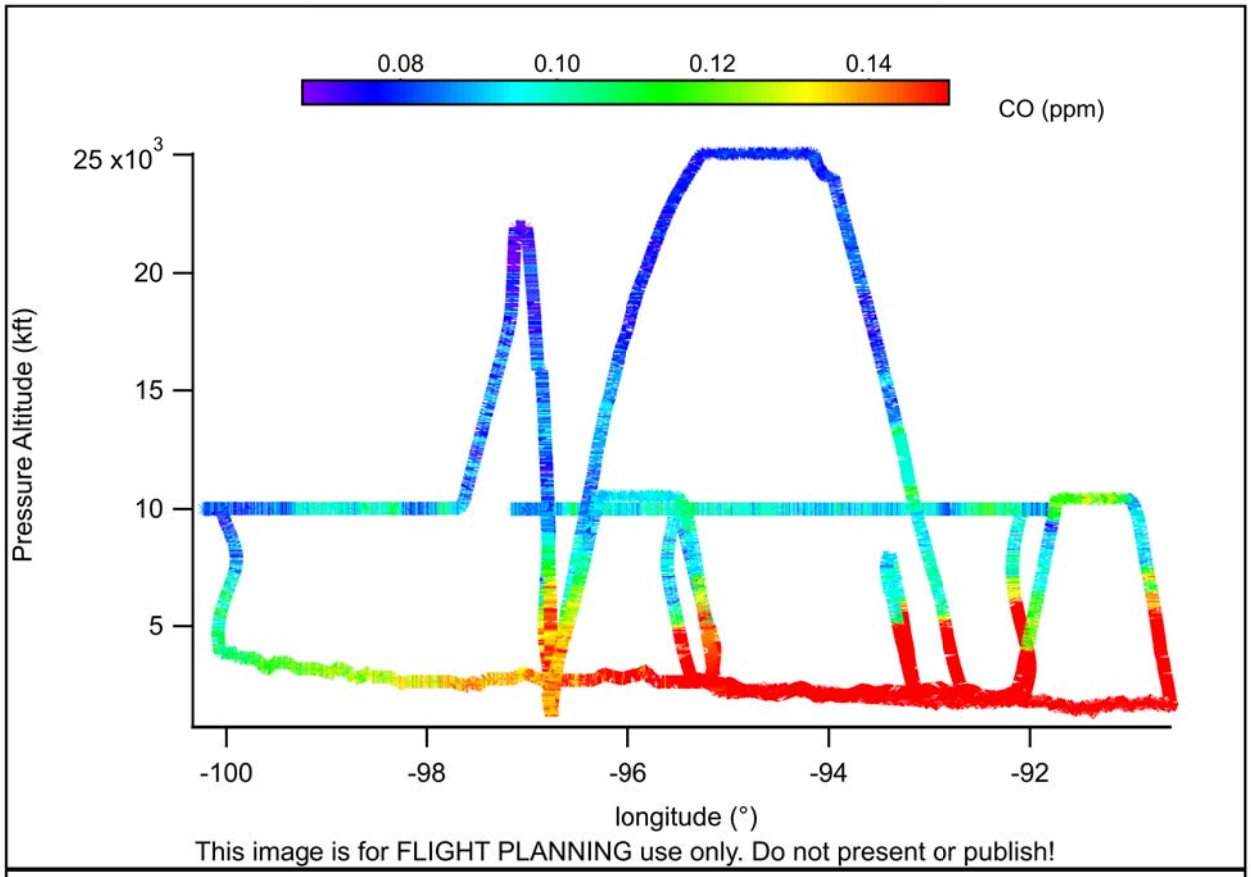

5
10
15
20
H2O_gkg (g/kg)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

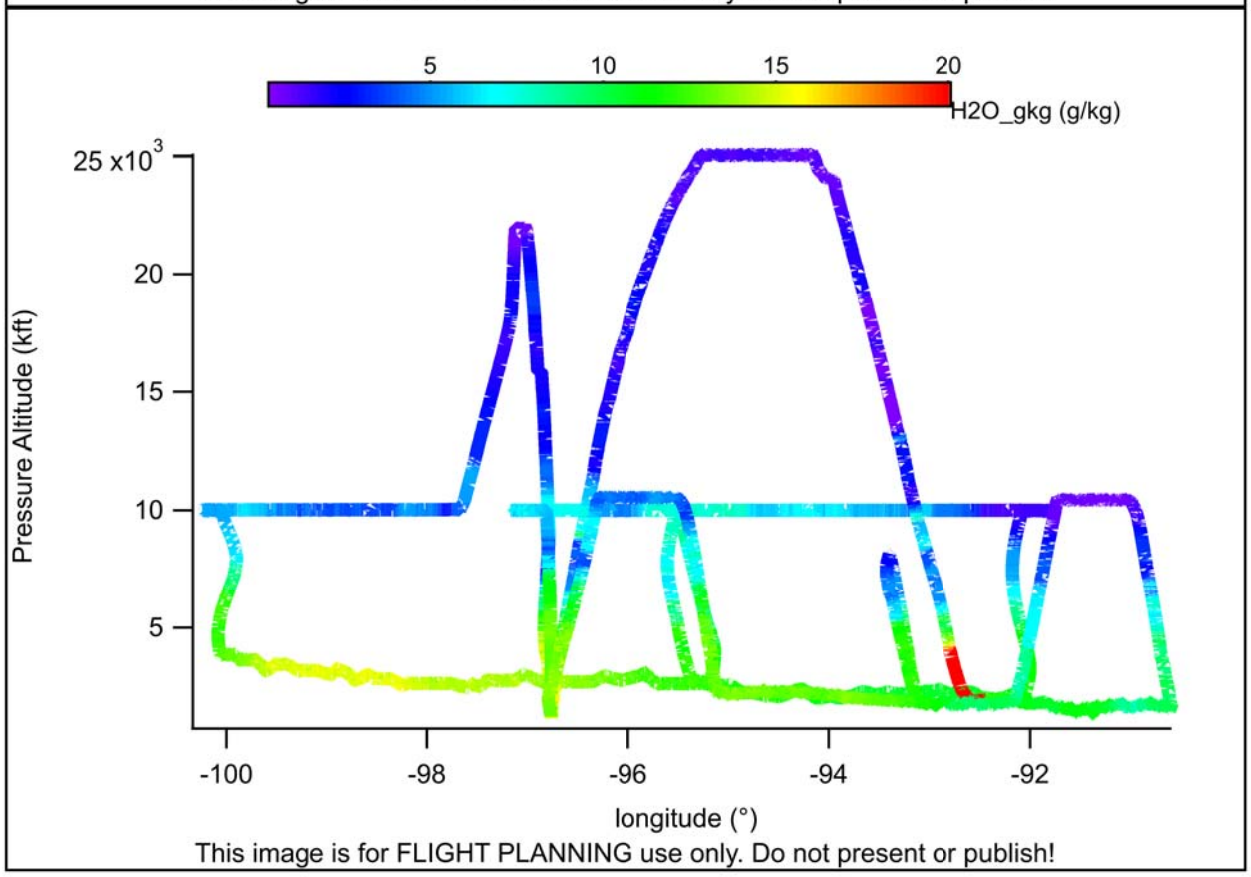

-30
-20
-10
0
10
20
DP (°C)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

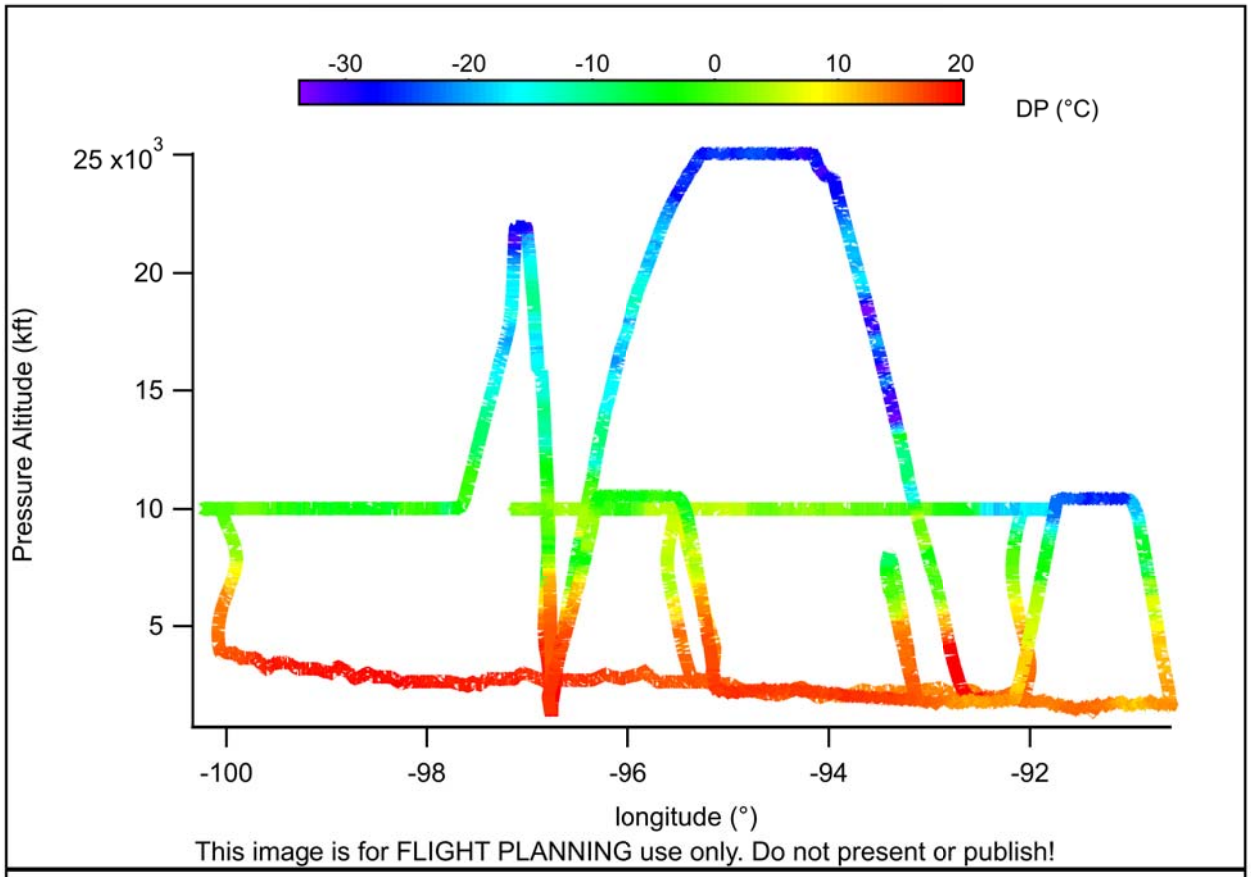

40
45
50
55
60
65
70
O3 (ppb)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
40
41
42
43
44
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


385
390
395
400
405
410
CO2 (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-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
2.10
CH4 (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-100
-98
-96
-94
-92
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0.08
0.10
0.12
0.14
CO (ppm)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-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)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-100
-98
-96
-94
-92
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
-92
longitude (°)
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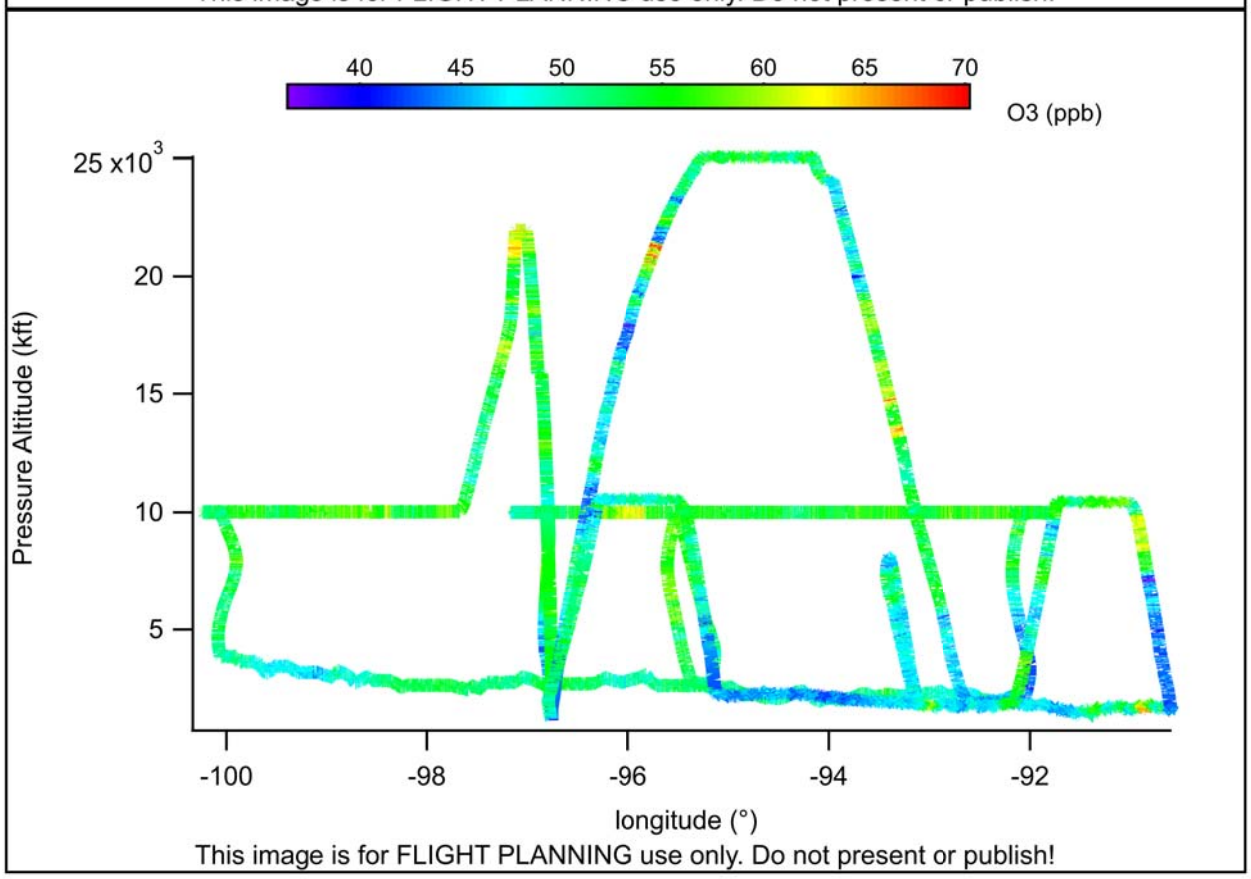
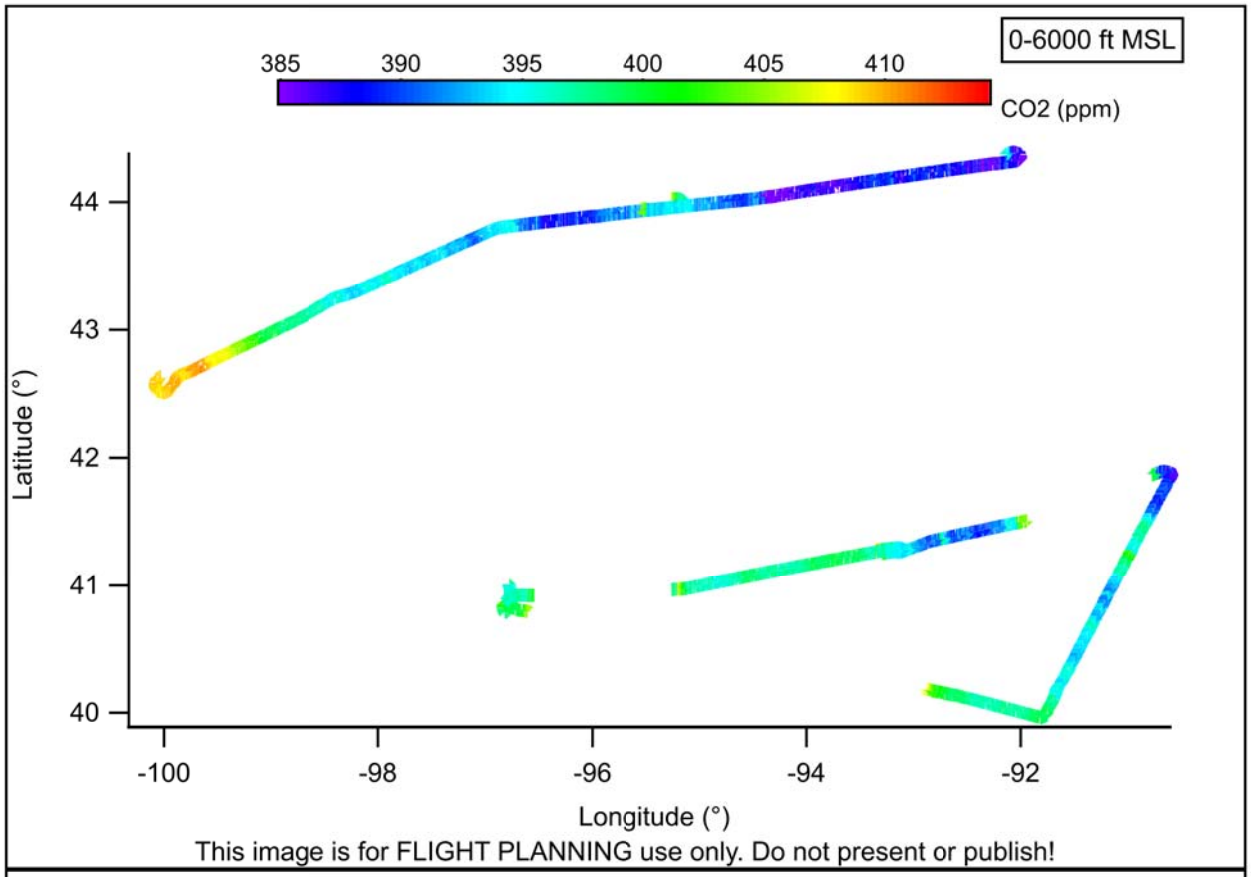
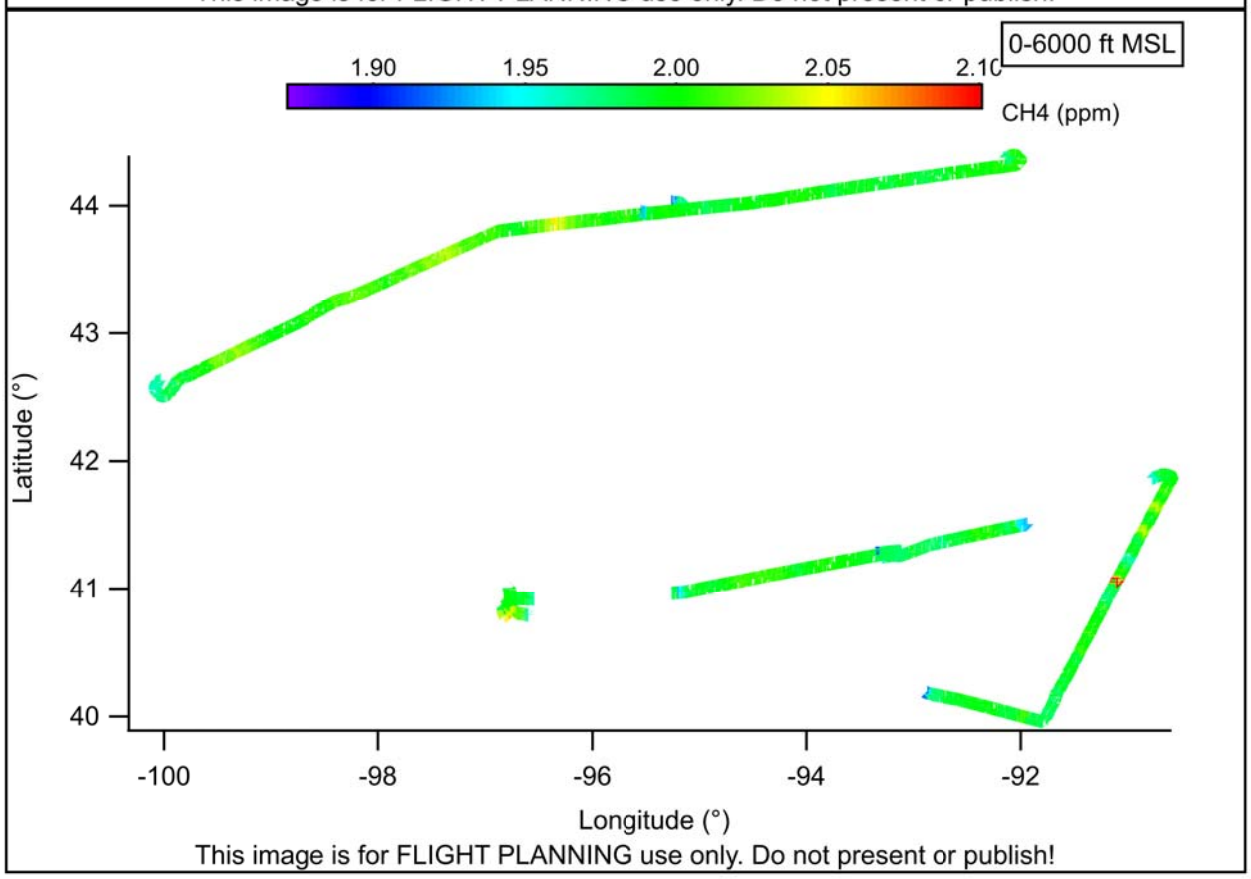
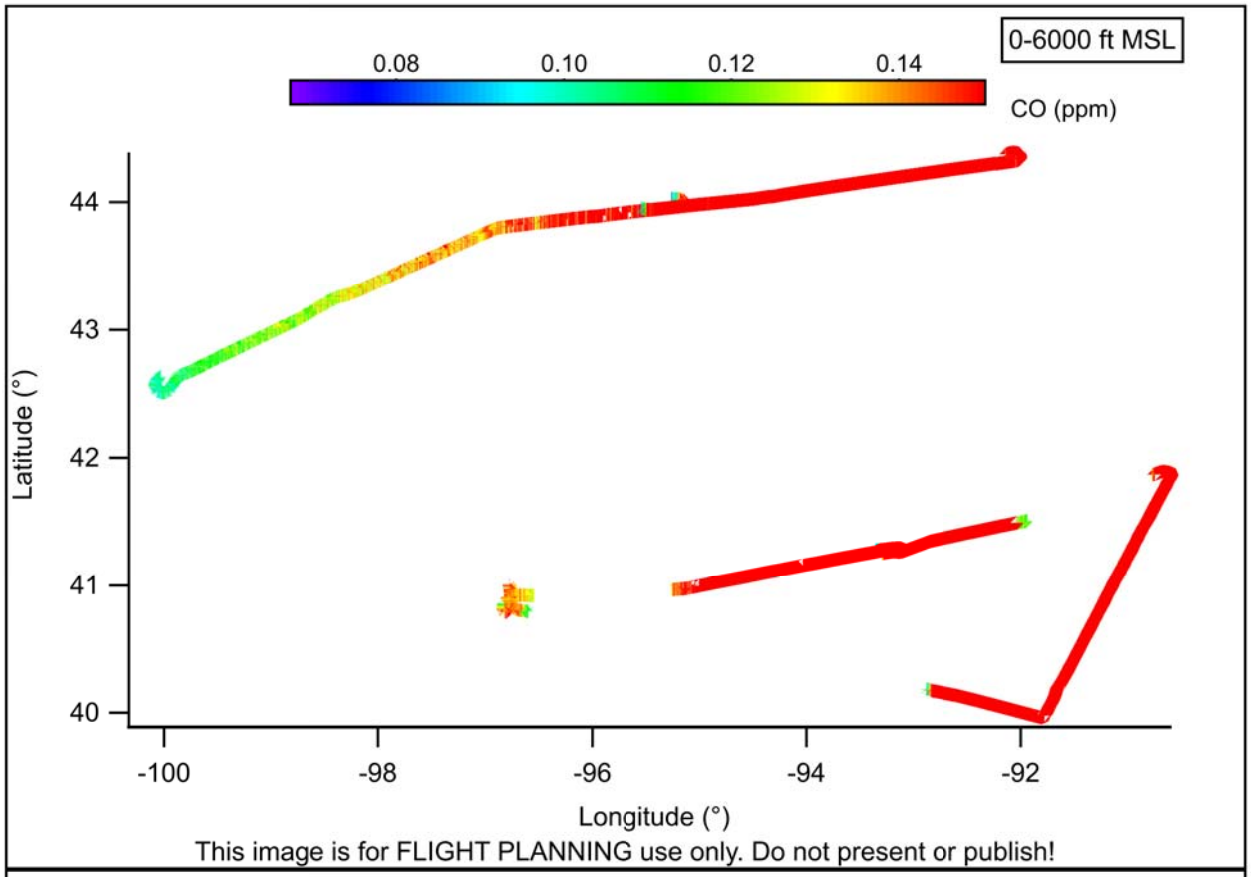
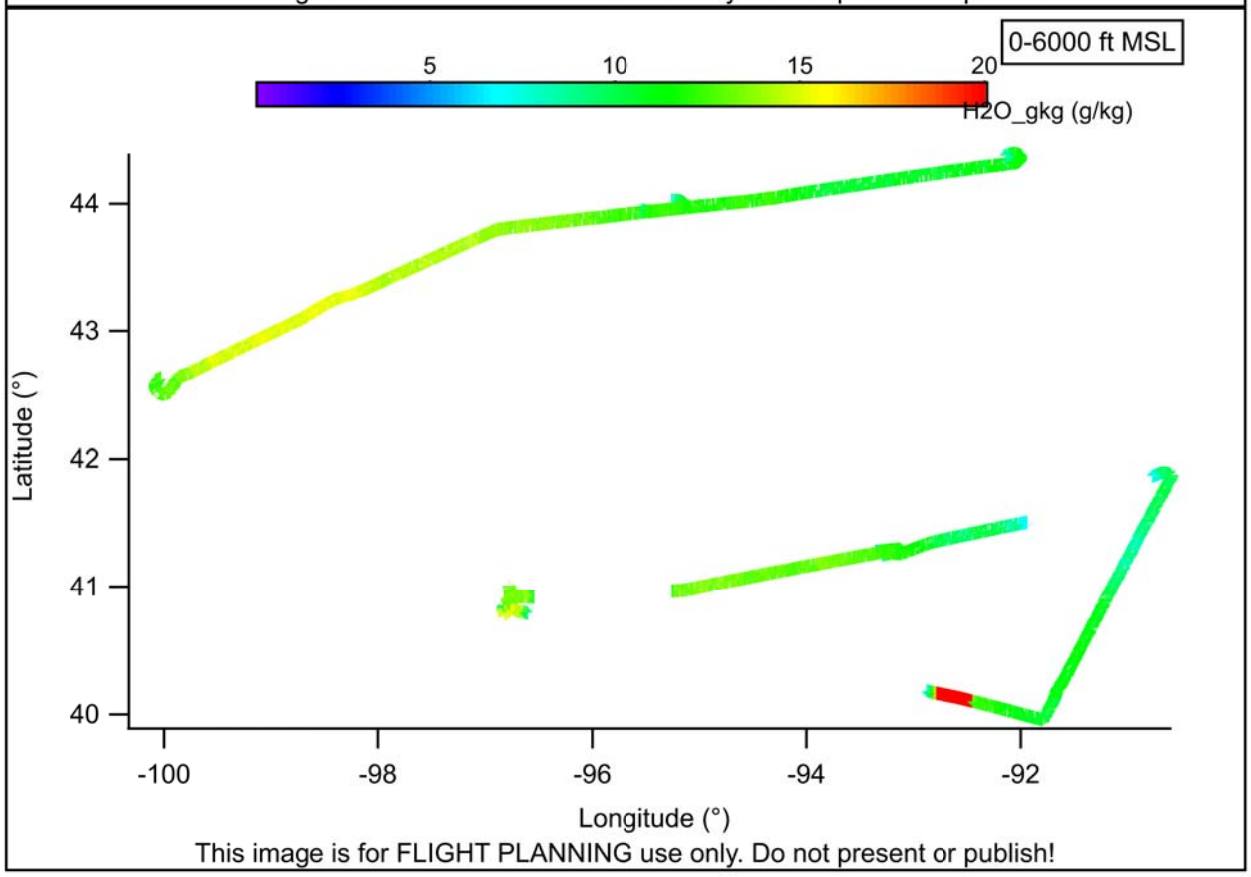

40
45
50
55
60
65
70
O3 (ppb)
25 x10^3
20
15
10
5
Pressure Altitude (kft)
-100
-98
-96
-94
-92
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
385
390
395
400
405
410
CO2 (ppm)
44
43
42
41
40
Latitude (°)
-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
2.10
CH4 (ppm)
44
43
42
41
40
Latitude (°)
-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
0.10
0.12
0.14
CO (ppm)
44
43
42
41
40
Latitude (°)
-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)
44
43
42
41
40
Latitude (°)
-100
-98
-96
-94
-92
Longitude (°)
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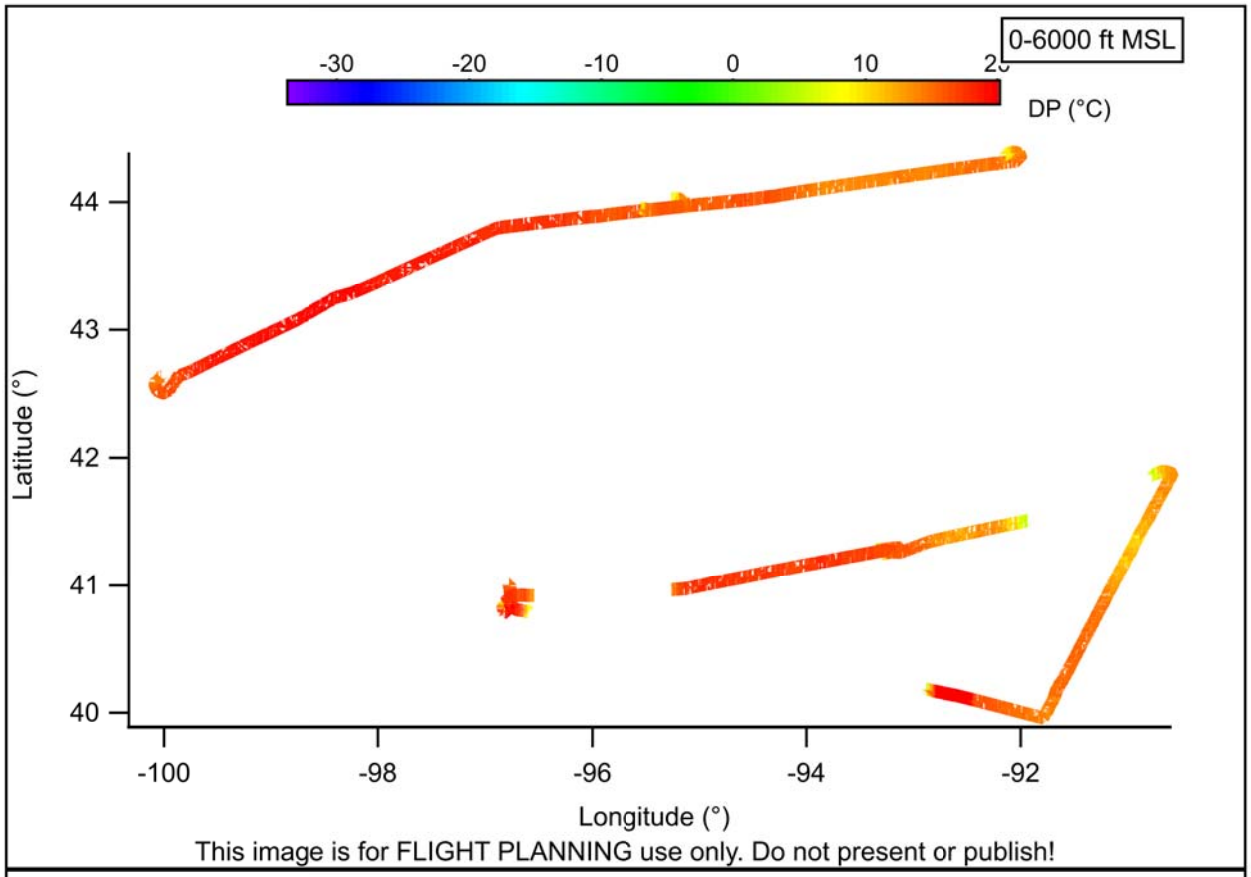
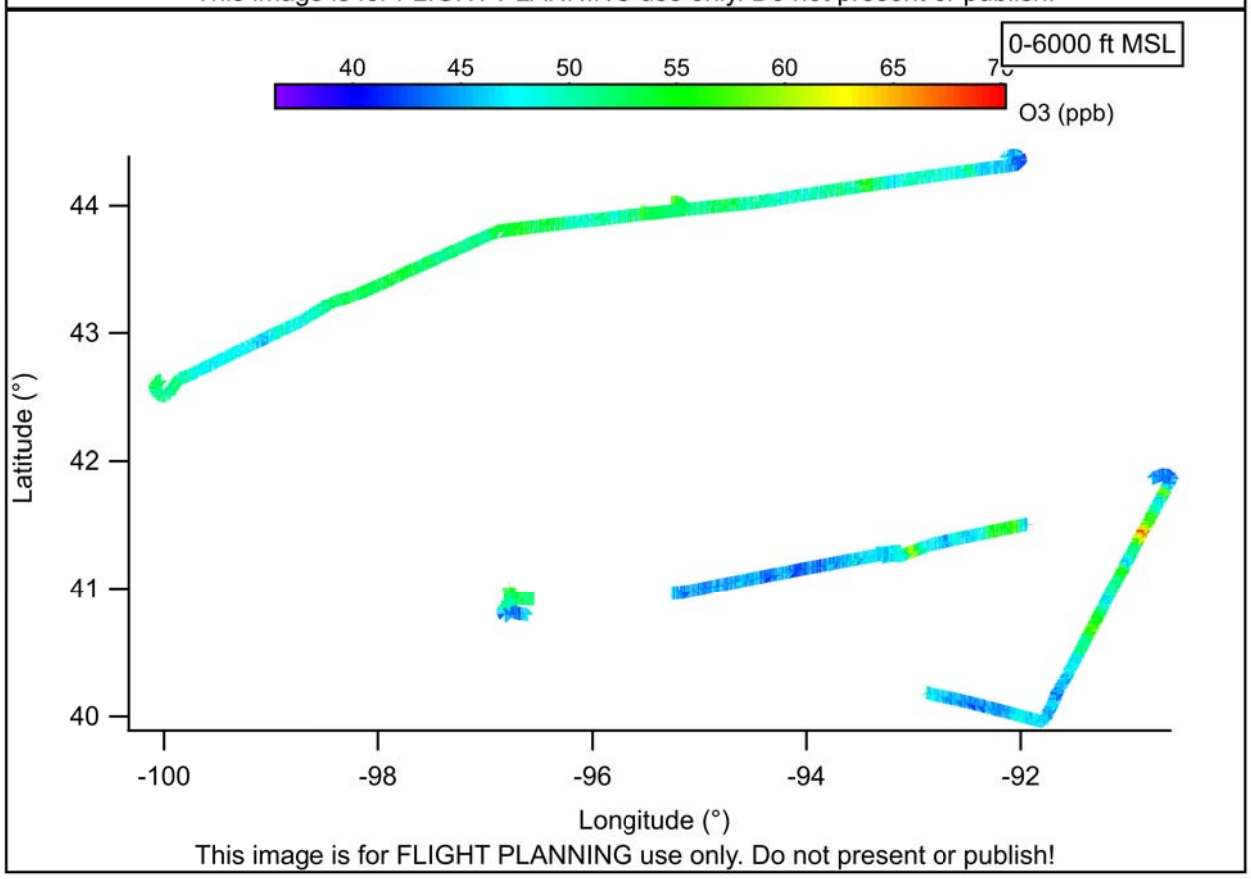

0-6000 ft MSL
-30
-20
-10
0
10
DP (°C)
44
43
42
41
40
Latitude (°)
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
40
45
50
55
60
65
O3 (ppb)
44
43
42
41
40
Latitude (°)
-100
-98
-96
-94
-92
Longitude (°)
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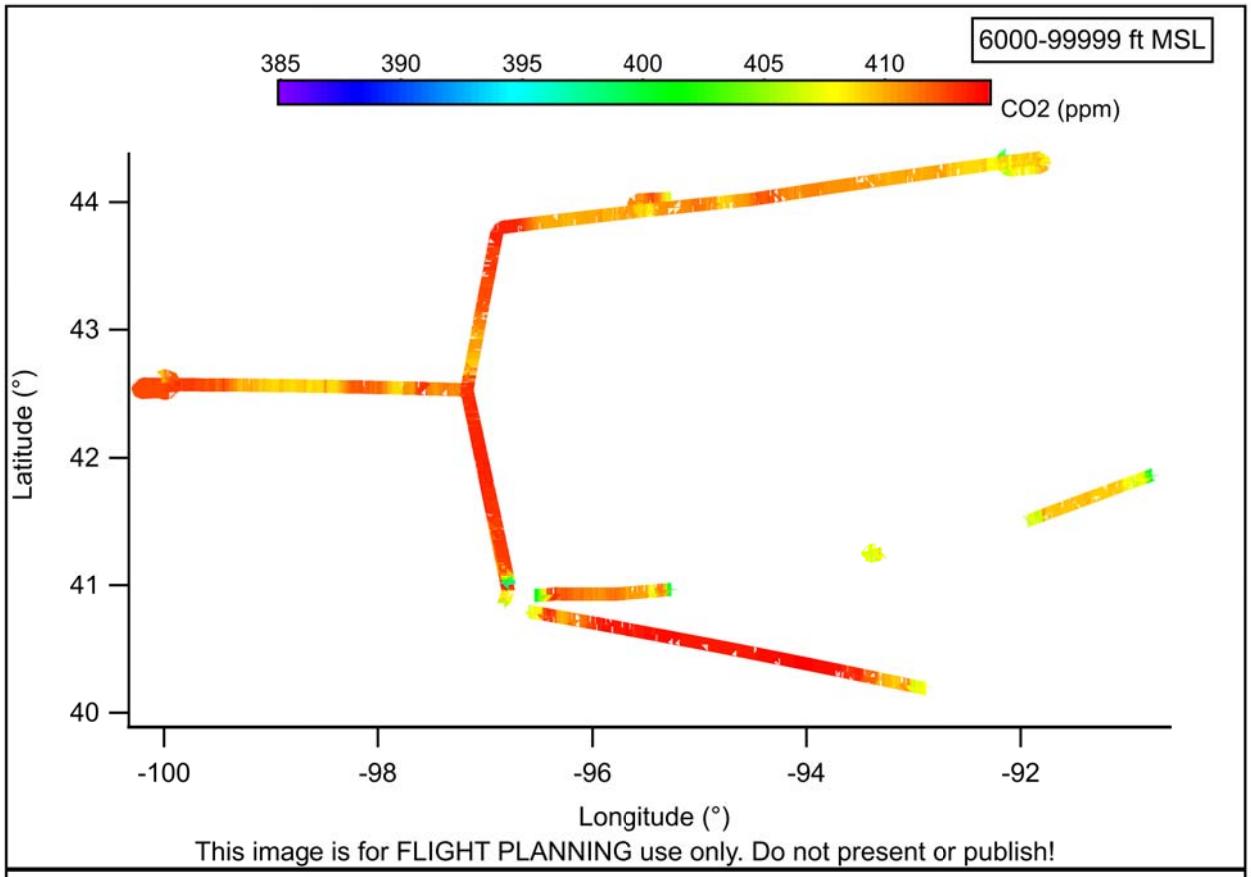
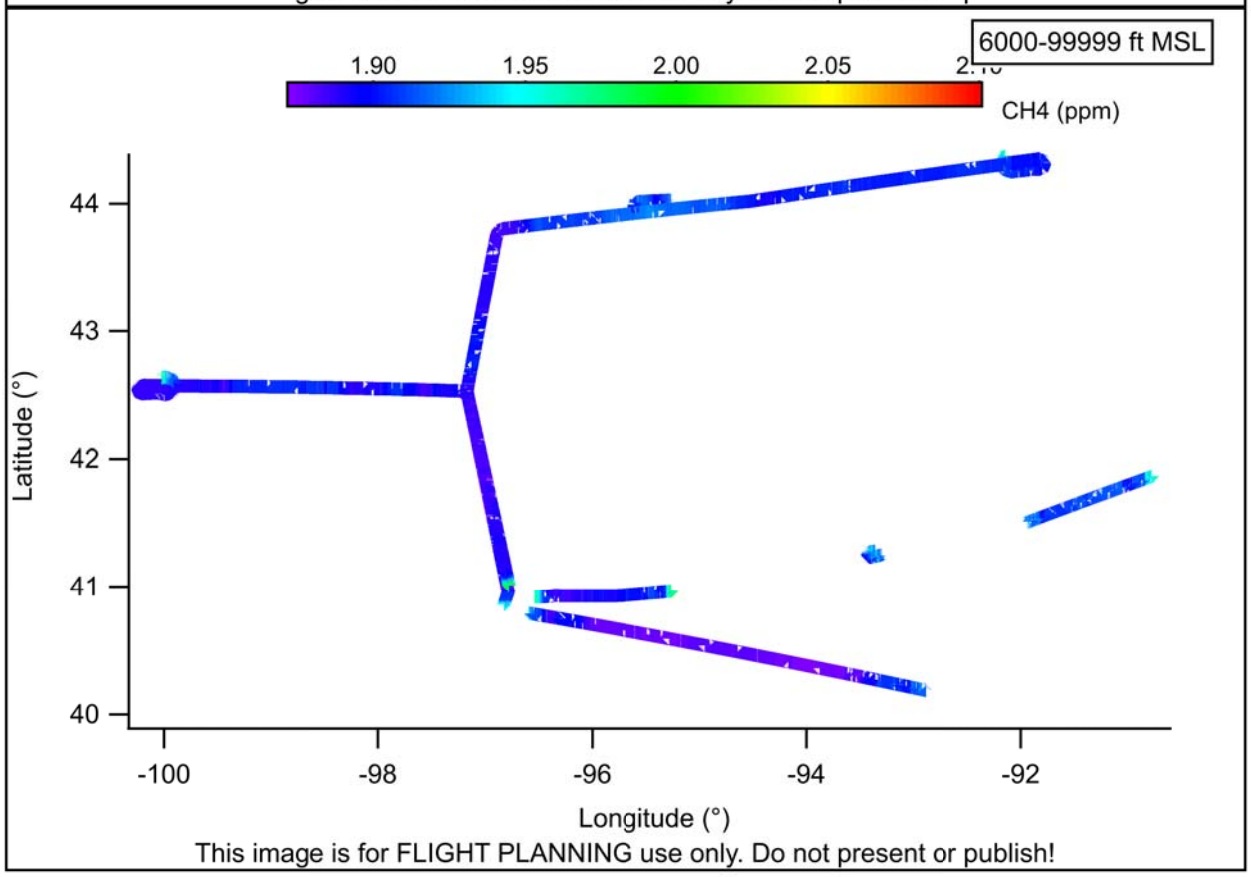
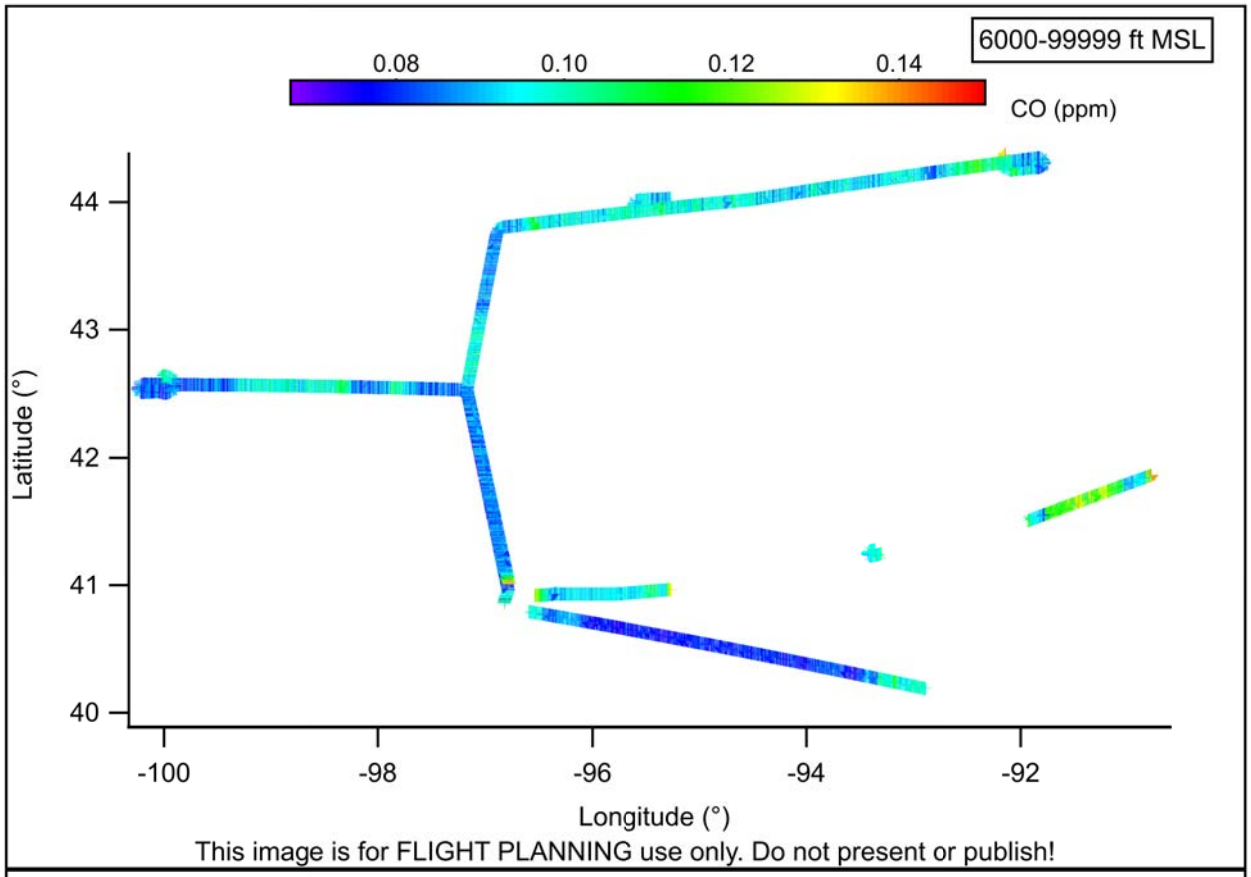
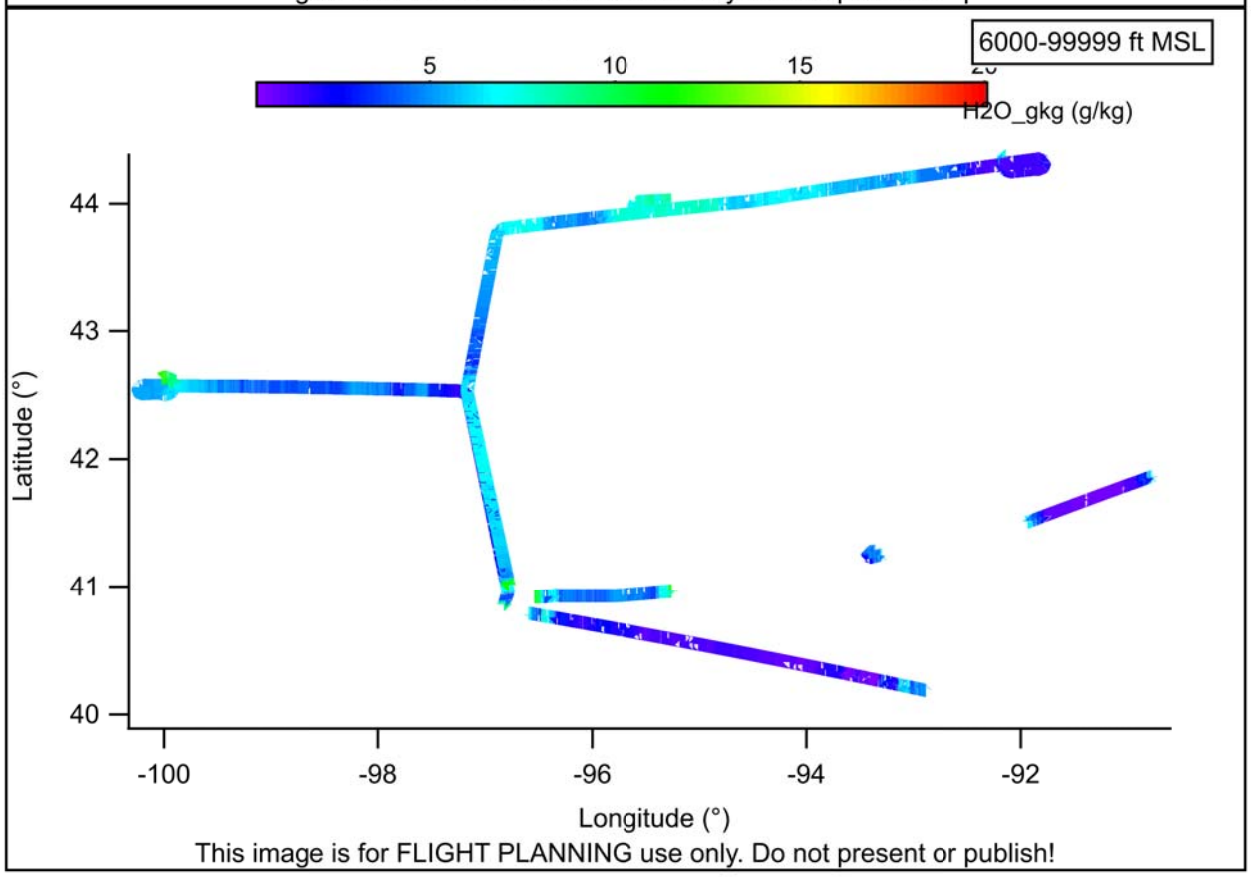
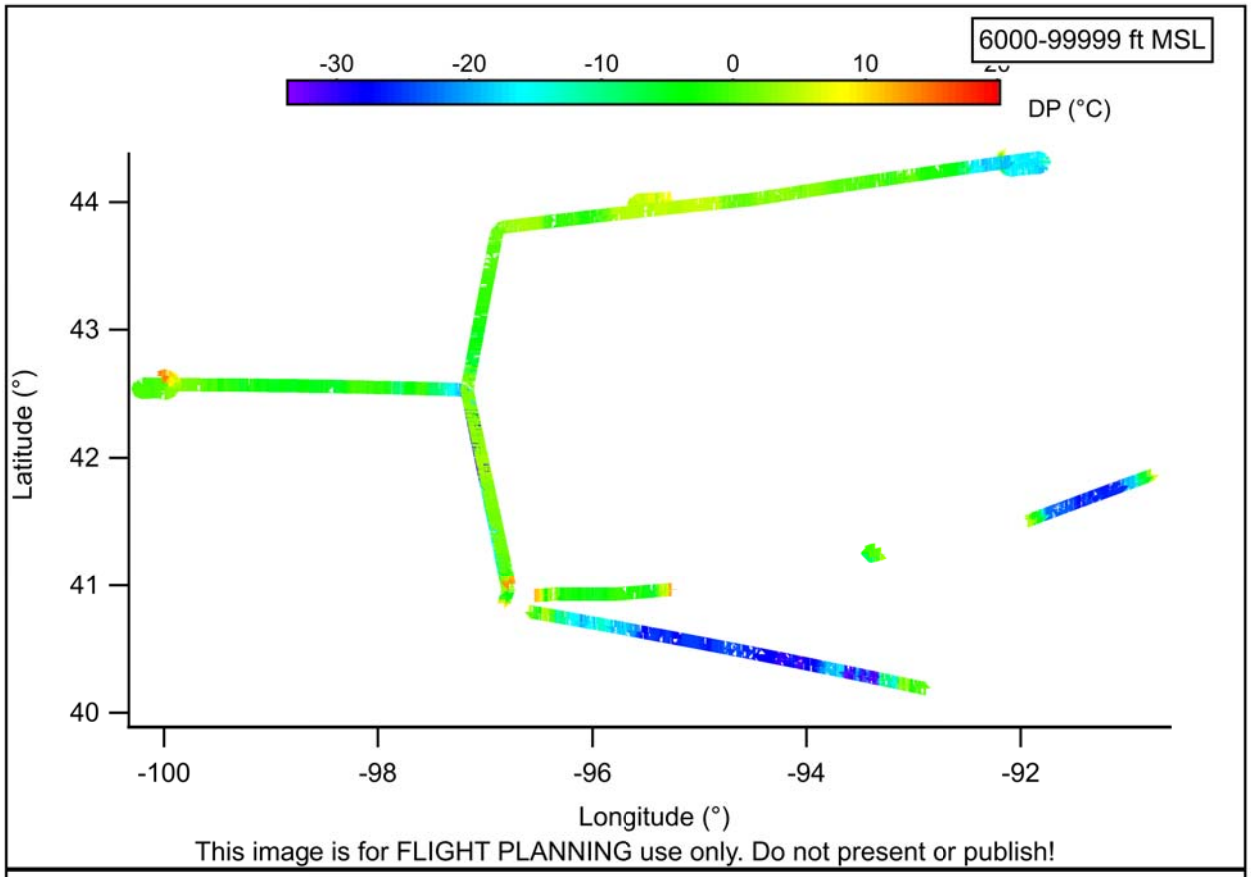
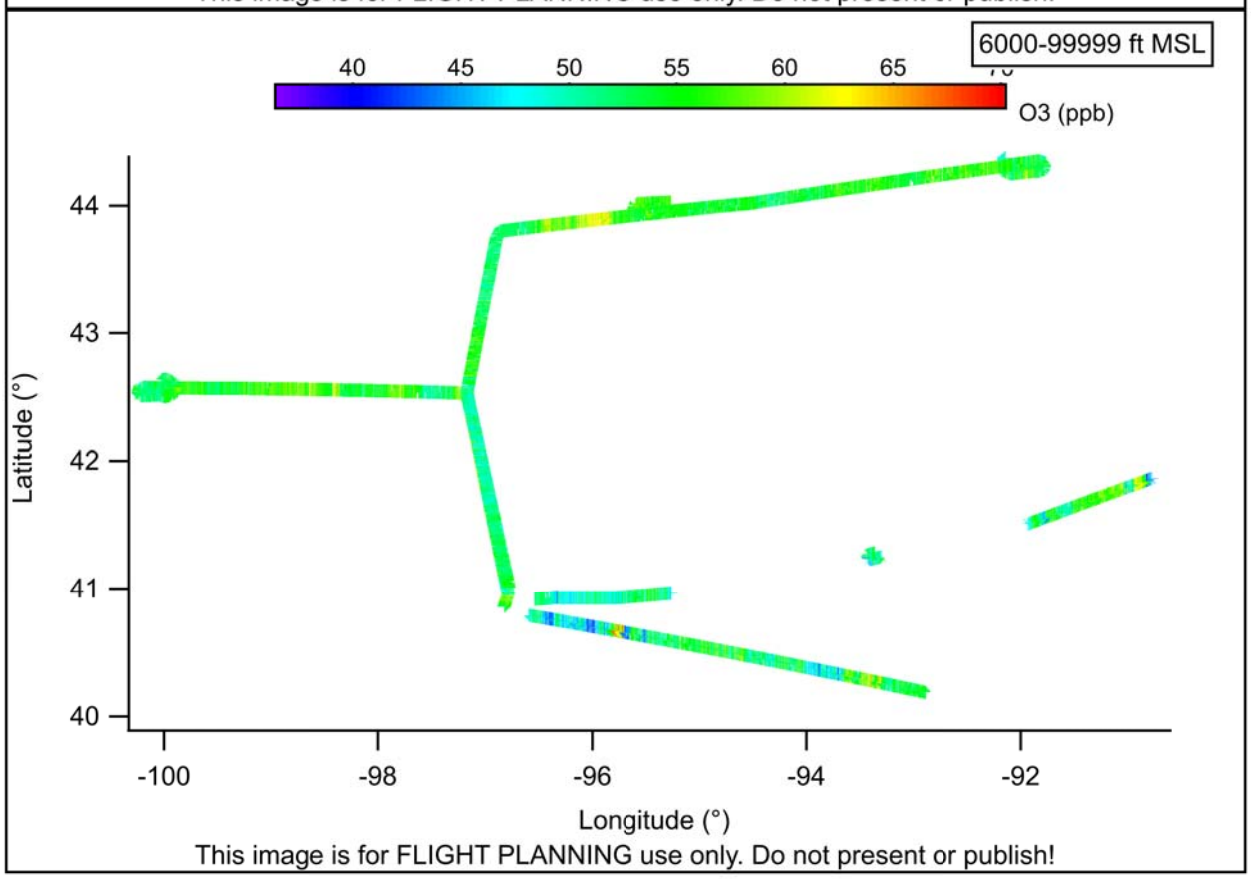

6000-99999 ft MSL
385
390
395
400
405
410
CO2 (ppm)
44
43
42
41
40
Latitude (°)
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
1.90
1.95
2.00
2.05
CH4 (ppm)
44
43
42
41
40
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
0.10
0.12
0.14
CO (ppm)
44
43
42
41
40
Latitude (°)
-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)
44
43
42
41
40
Latitude (°)
-100
-98
-96
-94
-92
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
43
42
41
40
Latitude (°)
-100
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
40
45
50
55
60
65
O3 (ppb)
44
43
42
41
40
Latitude (°)
-100
-98
-96
-94
-92
Longitude (°)
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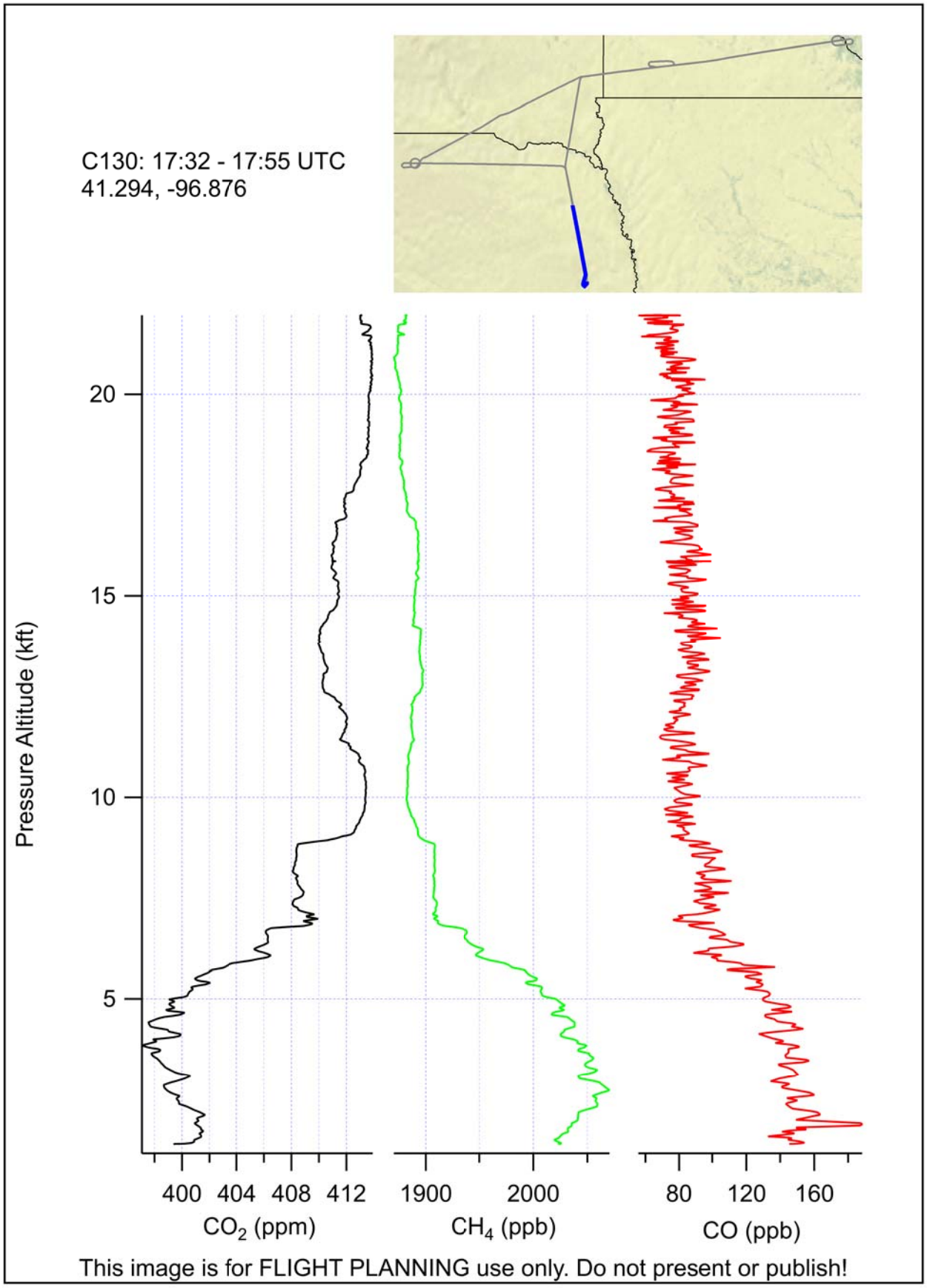
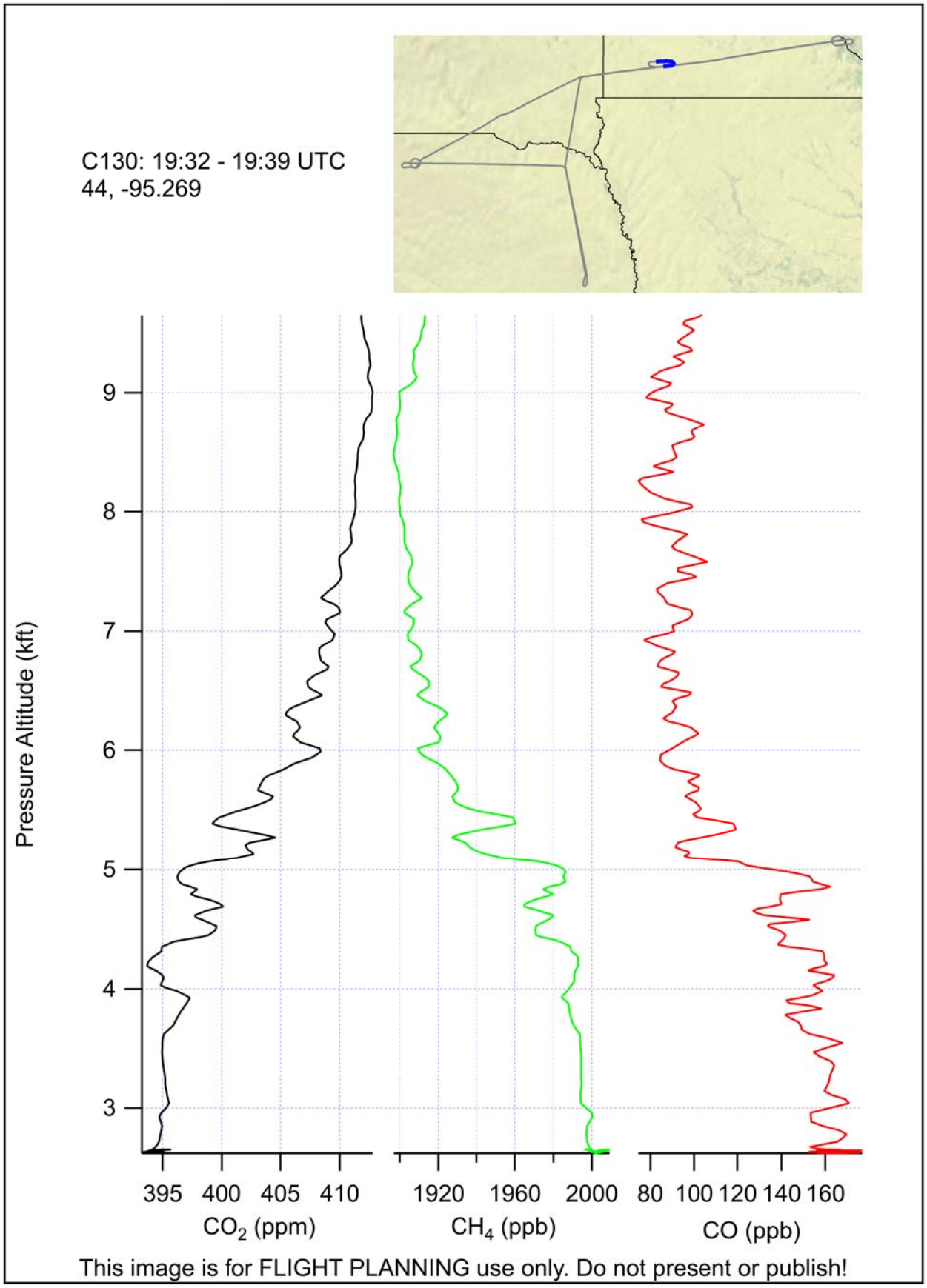
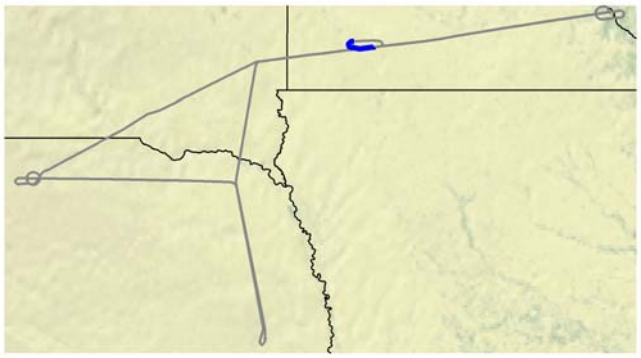
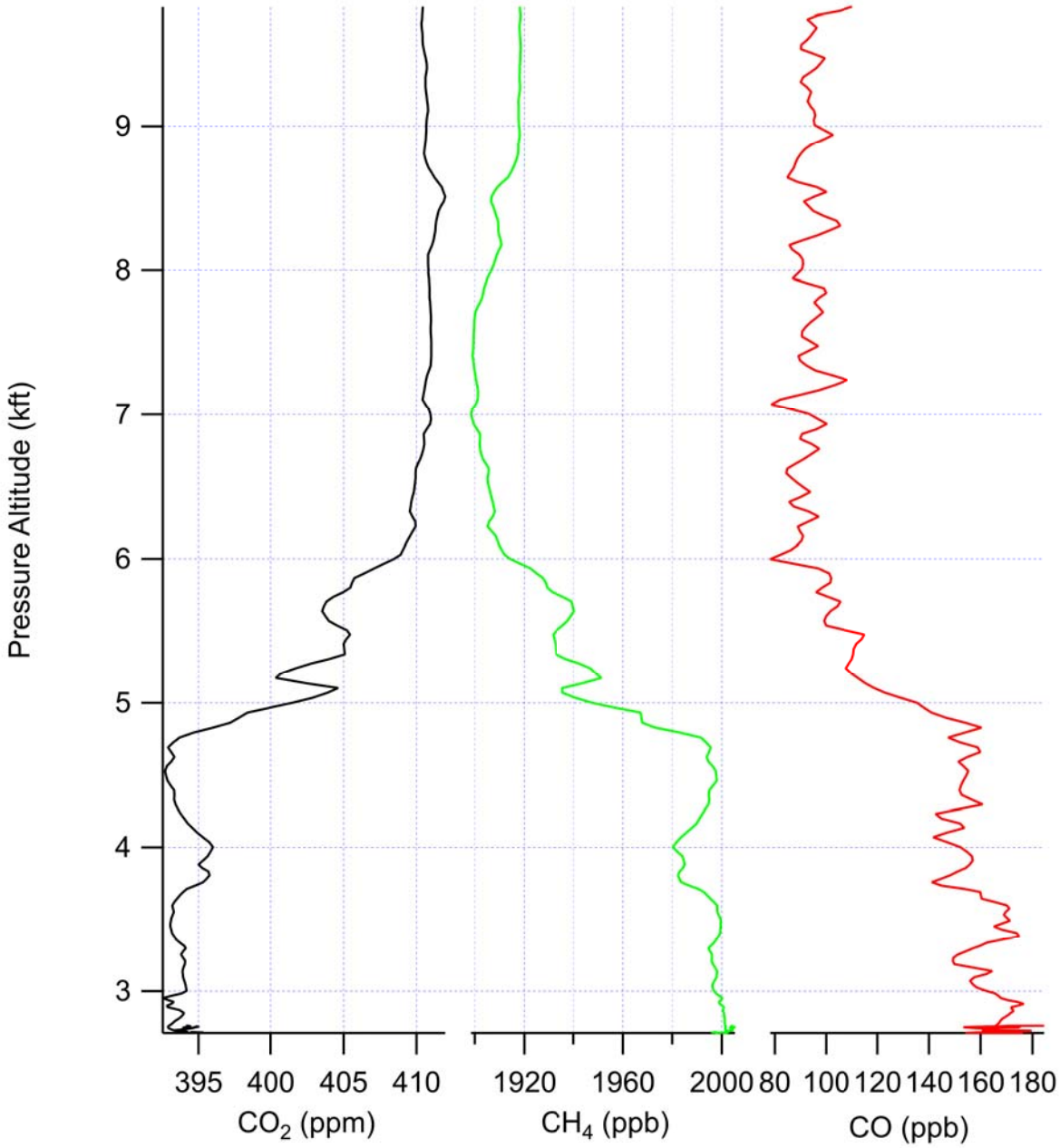

C130: 17:32 - 17:55 UTC
41.294, -96.876
Pressure Altitude (kft)
20
15
10
5
400 404 408 412
CO2 (ppm)
1900 2000
CH4 (ppb)
80 120 160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:32 - 19:39 UTC
44, -95.269
Pressure Altitude (kft)
9
8
7
6
5
4
3
395 400 405 410
CO2 (ppm)
1920 1960 2000
CH4 (ppb)
80 100 120 140 160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

C130: 19:39 - 19:45 UTC
43.963, -95.461





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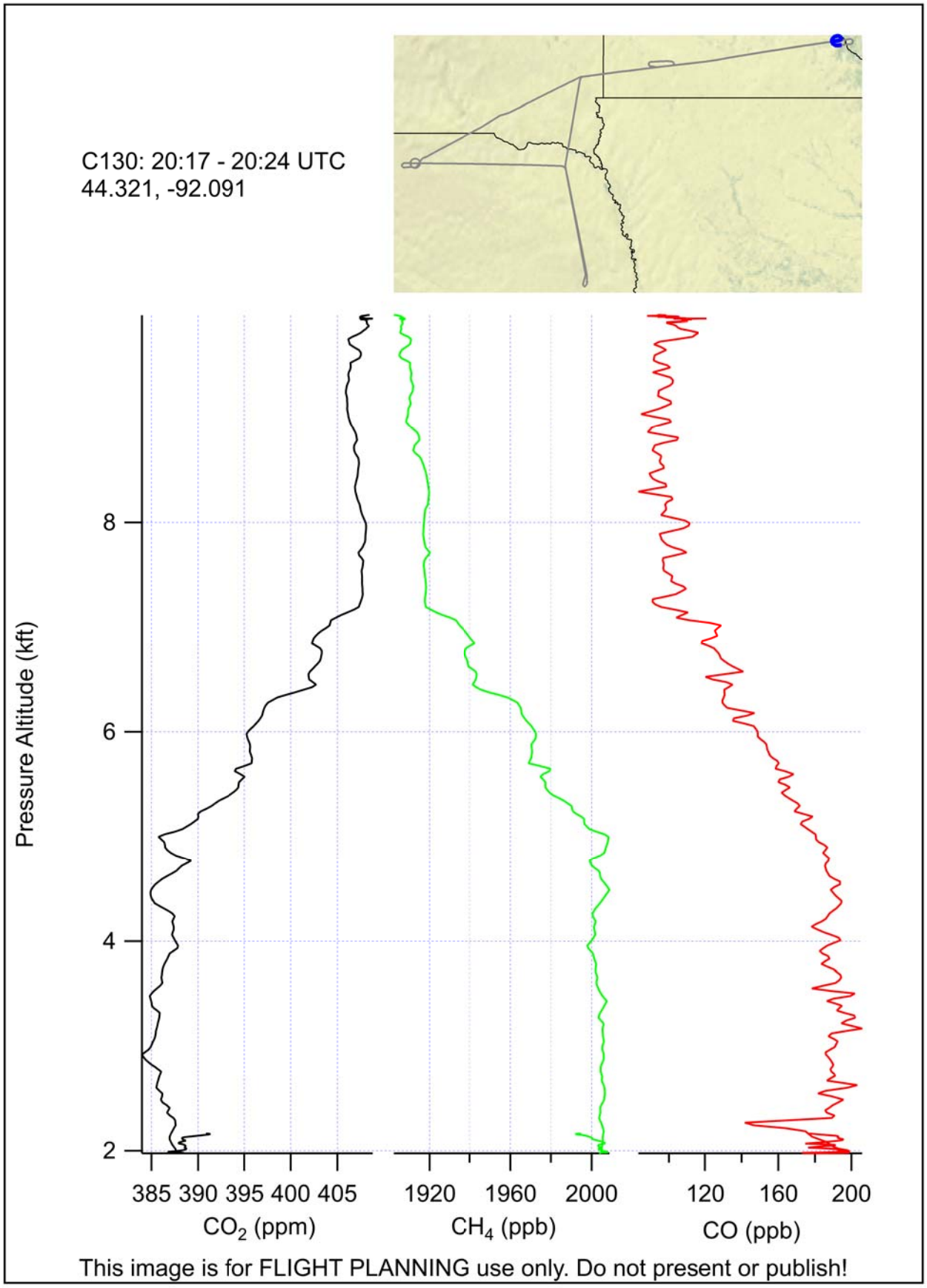
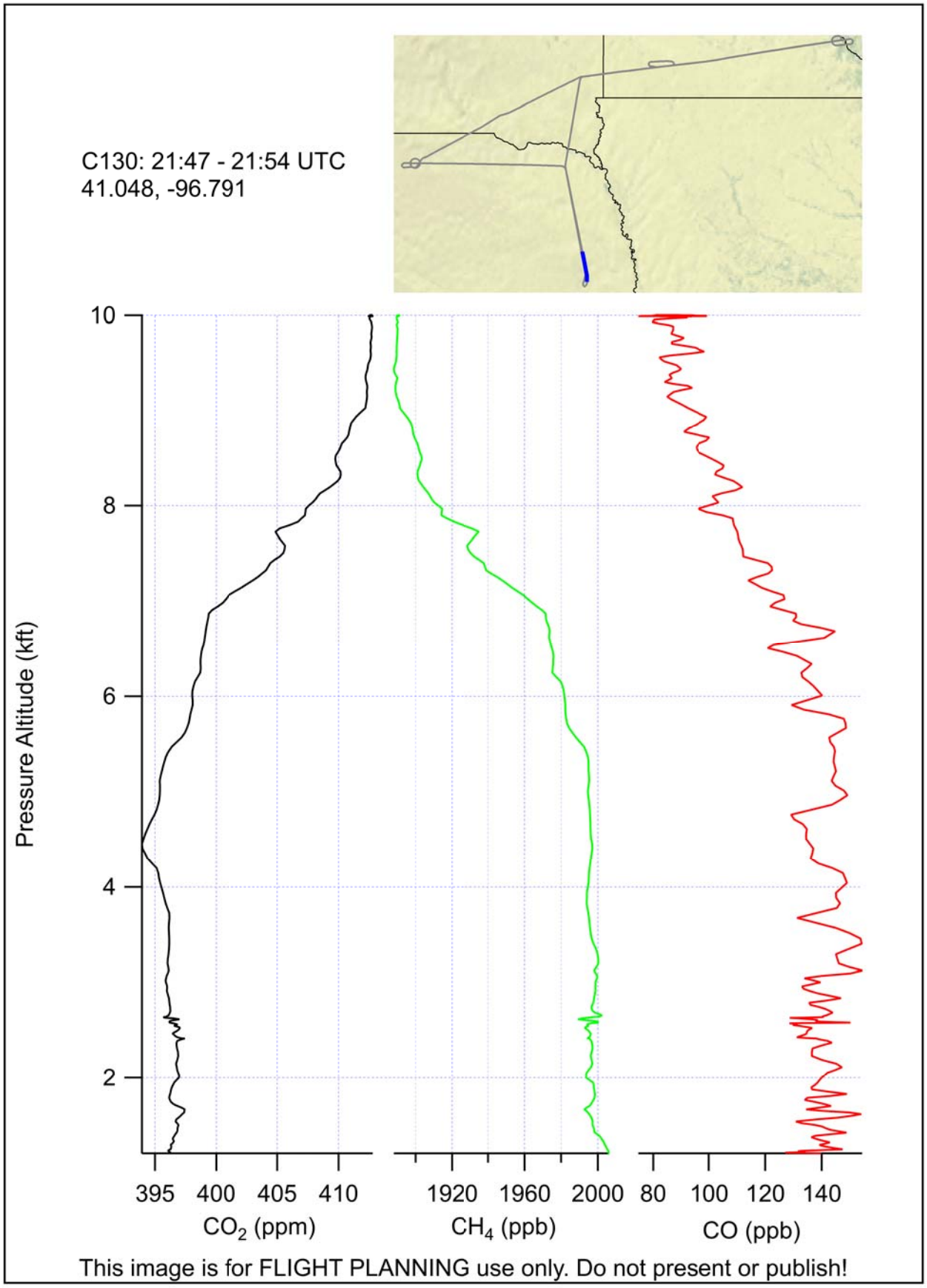
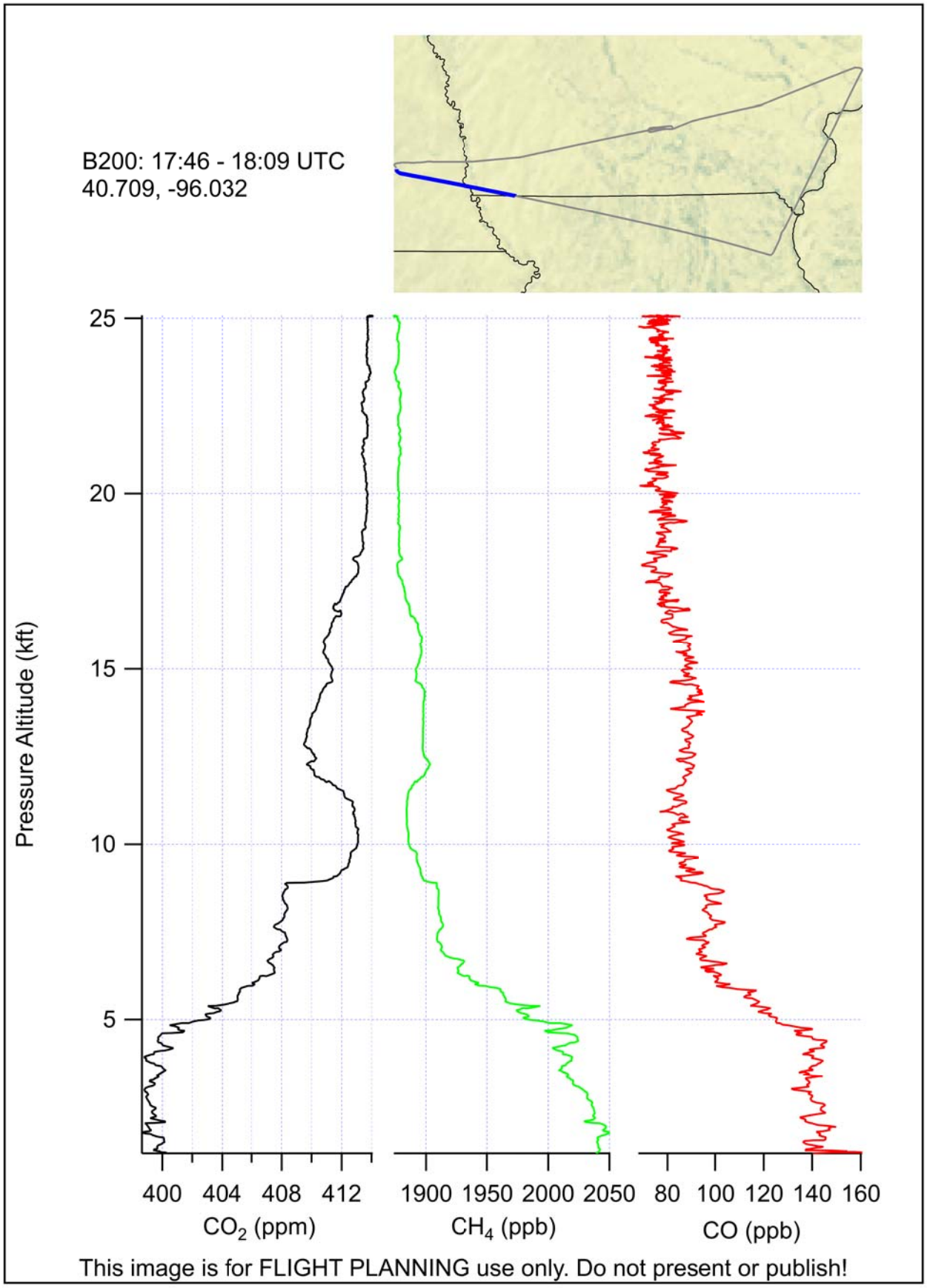
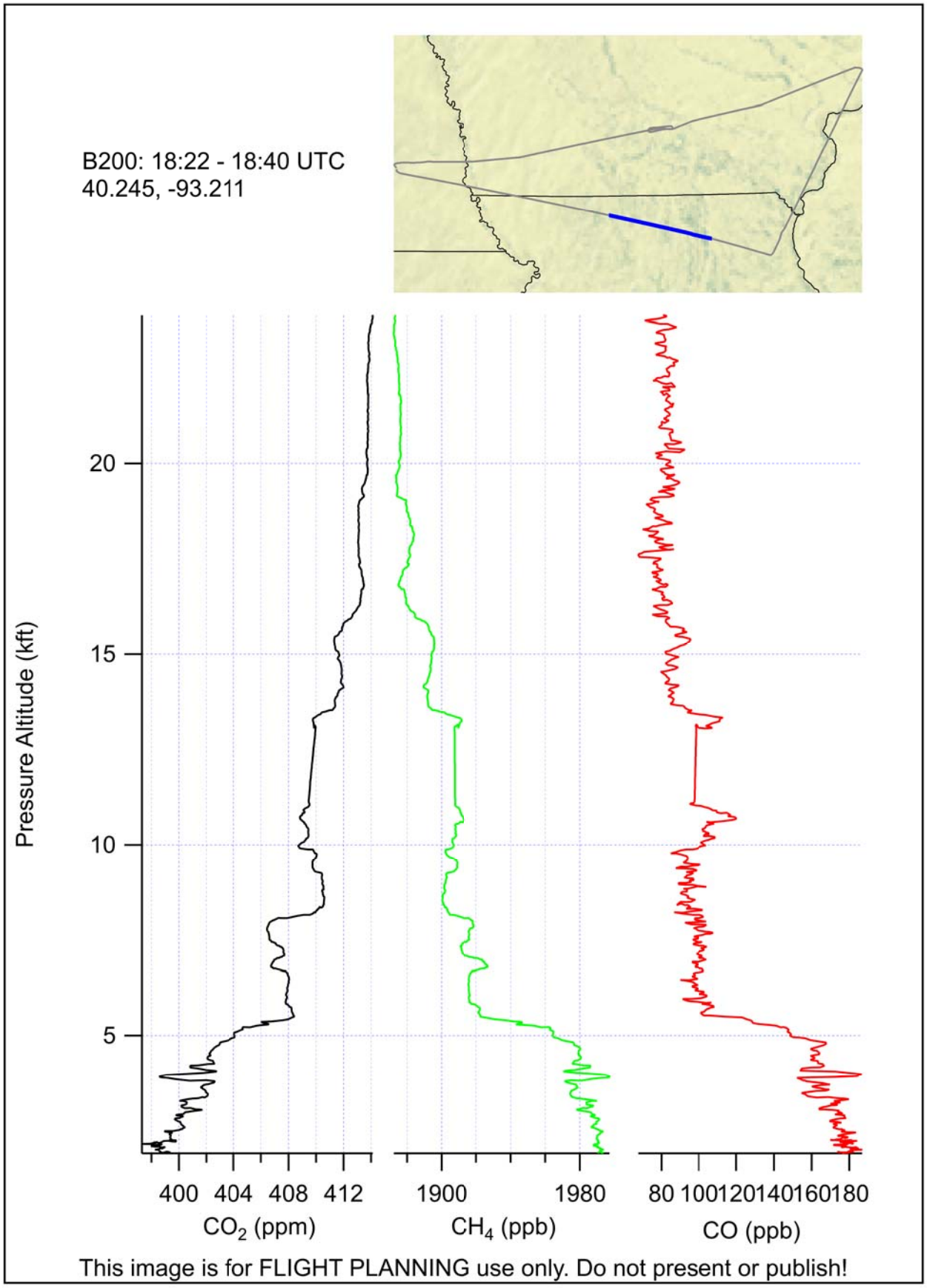
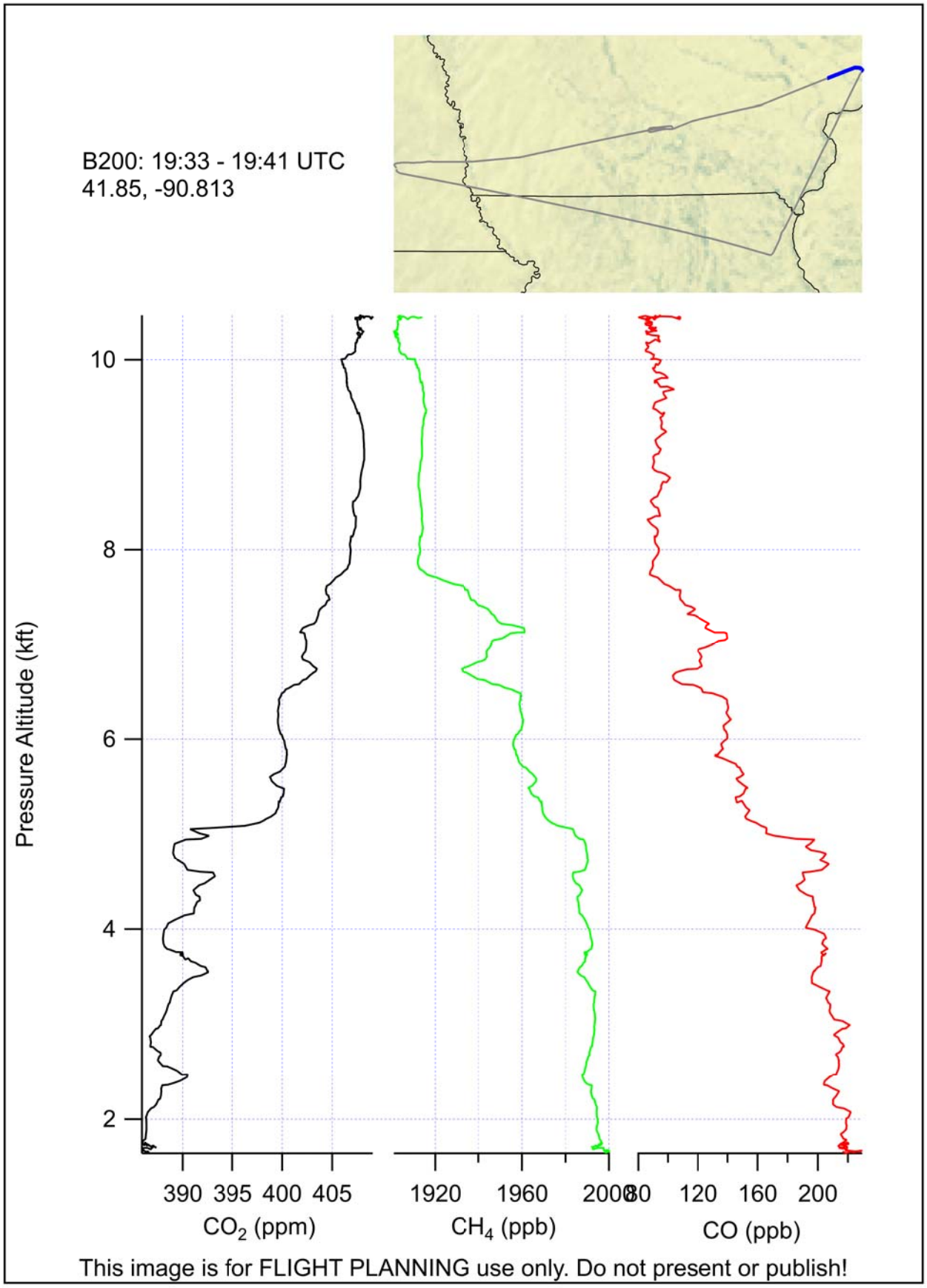
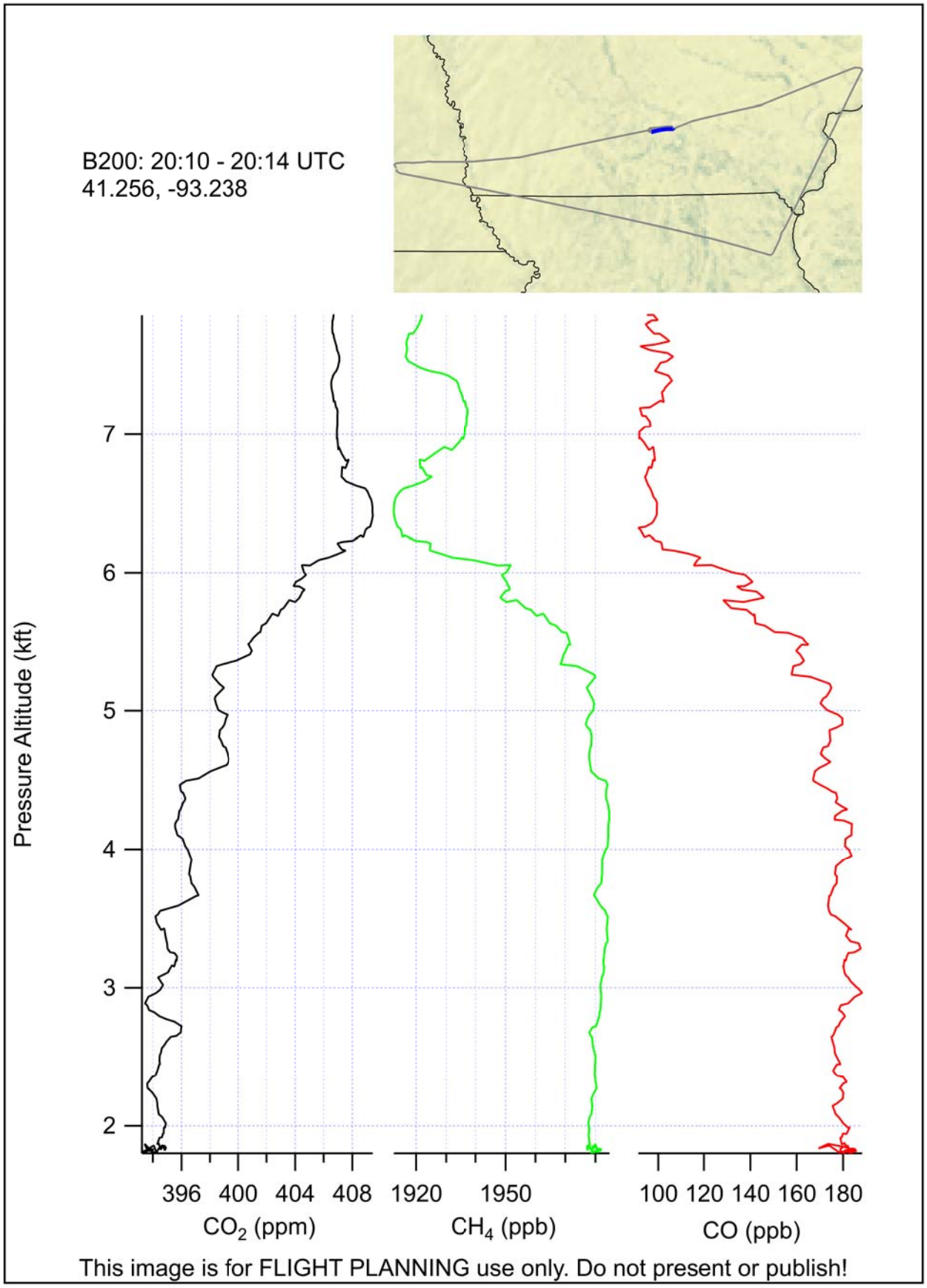

C130: 20:17 - 20:24 UTC
44.321, -92.091
Pressure Altitude (kft)
8
6
4
2
385 390 395 400 405
CO2 (ppm)
1920 1960 2000
CH4 (ppb)
120 160 200
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

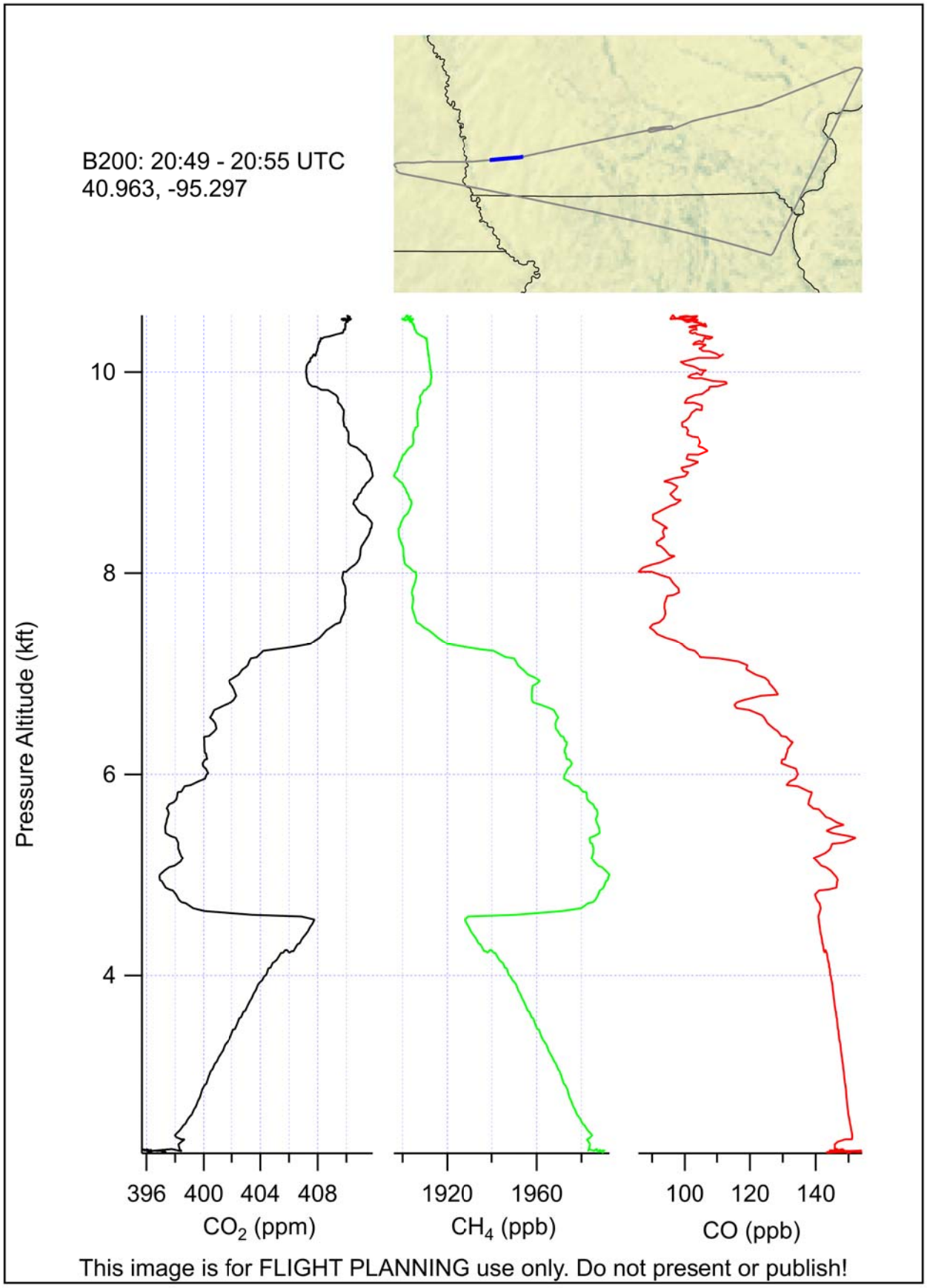

C130: 21:47 - 21:54 UTC
41.048, -96.791
Pressure Altitude (kft)
10
8
6
4
2
395 400 405 410
CO2 (ppm)
1920 1960 2000
CH4 (ppb)
80 100 120 140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

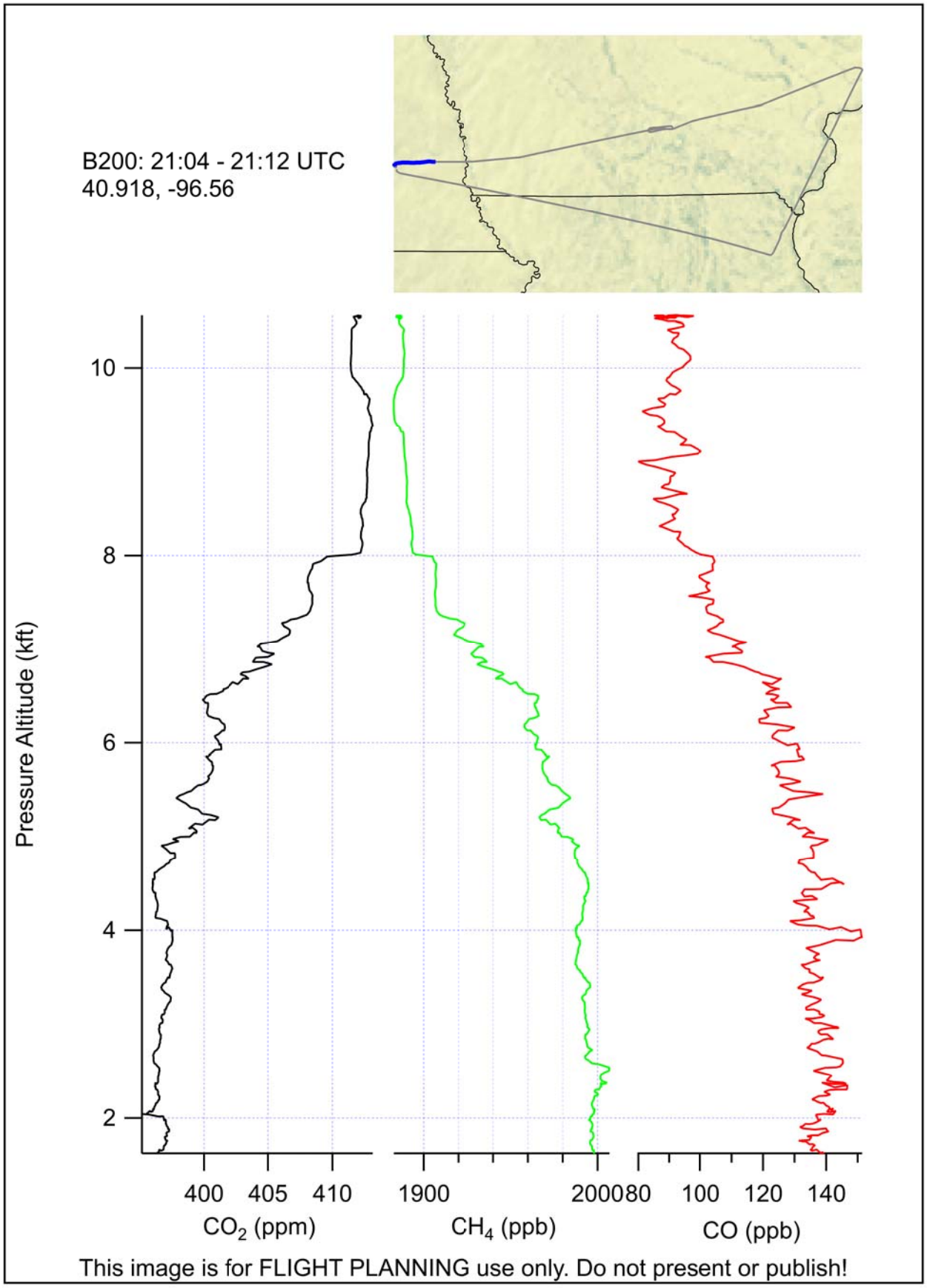

B200: 17:46 - 18:09 UTC
40.709, -96.032
Pressure Altitude (kft)
25
20
15
10
5
400 404 408 412
CO2 (ppm)
1900 1950 2000 2050
CH4 (ppb)
80 100 120 140 160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:22 - 18:40 UTC
40.245, -93.211
Pressure Altitude (kft)
20
15
10
5
400 404 408 412
CO2 (ppm)
1900 1980
CH4 (ppb)
80 100120140160180
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:33 - 19:41 UTC
41.85, -90.813
Pressure Altitude (kft)
10
8
6
4
2
390 395 400 405
CO2 (ppm)
1920 1960 2000
CH4 (ppb)
80 120 160 200
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 20:10 - 20:14 UTC
41.256, -93.238
Pressure Altitude (kft)
7
6
5
4
3
2
396 400 404 408
CO2 (ppm)
1920 1950
CH4 (ppb)
100 120 140 160 180
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 20:49 - 20:55 UTC
40.963, -95.297
Pressure Altitude (kft)
10
8
6
4
396 400 404 408
CO2 (ppm)
1920 1960
CH4 (ppb)
100 120 140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 21:04 - 21:12 UTC
40.918, -96.56
Pressure Altitude (kft)
10
8
6
4
2
400 405 410
CO2 (ppm)
1900 2000
CH4 (ppb)
80 100 120 140
CO (ppb)
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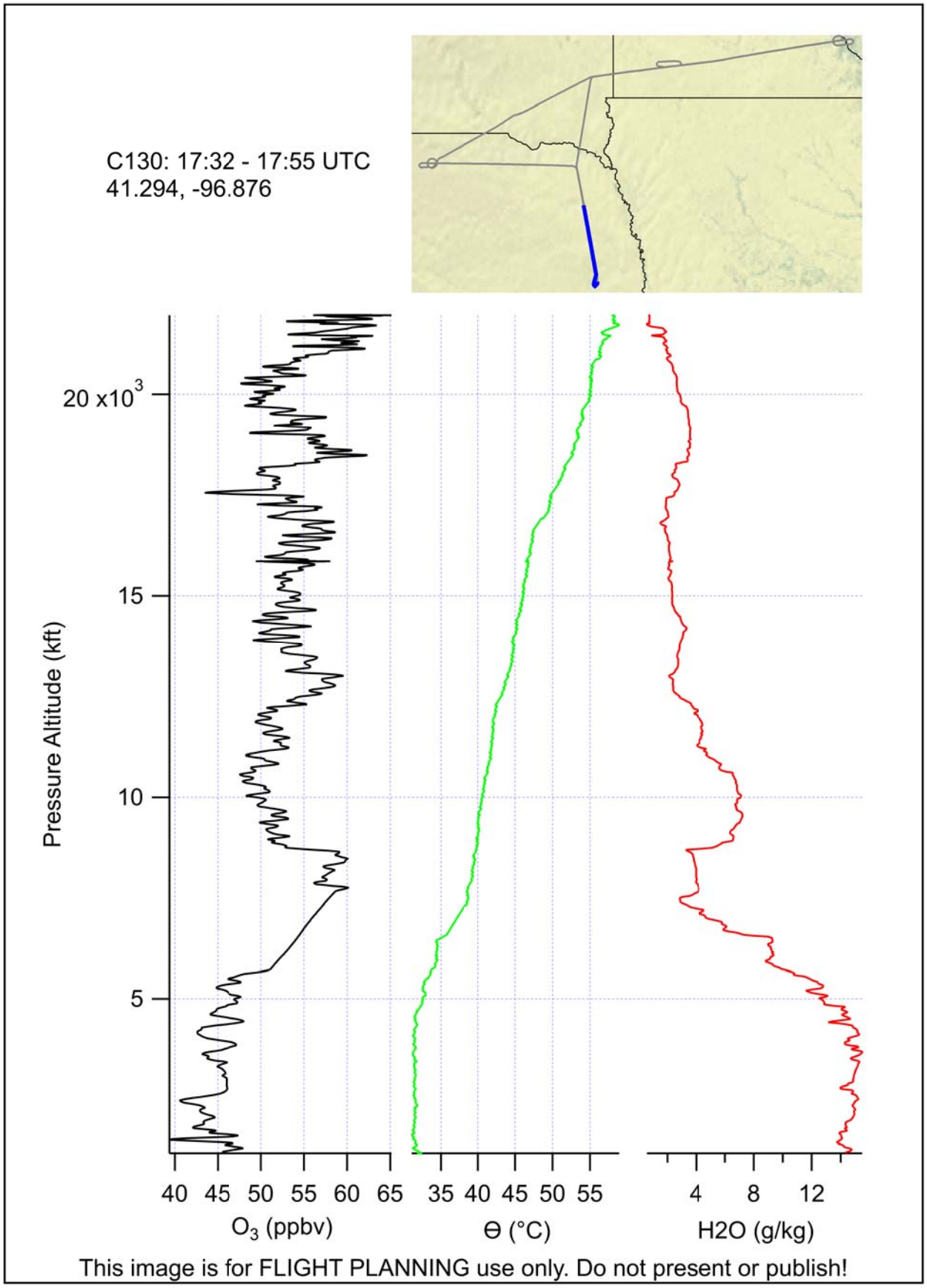
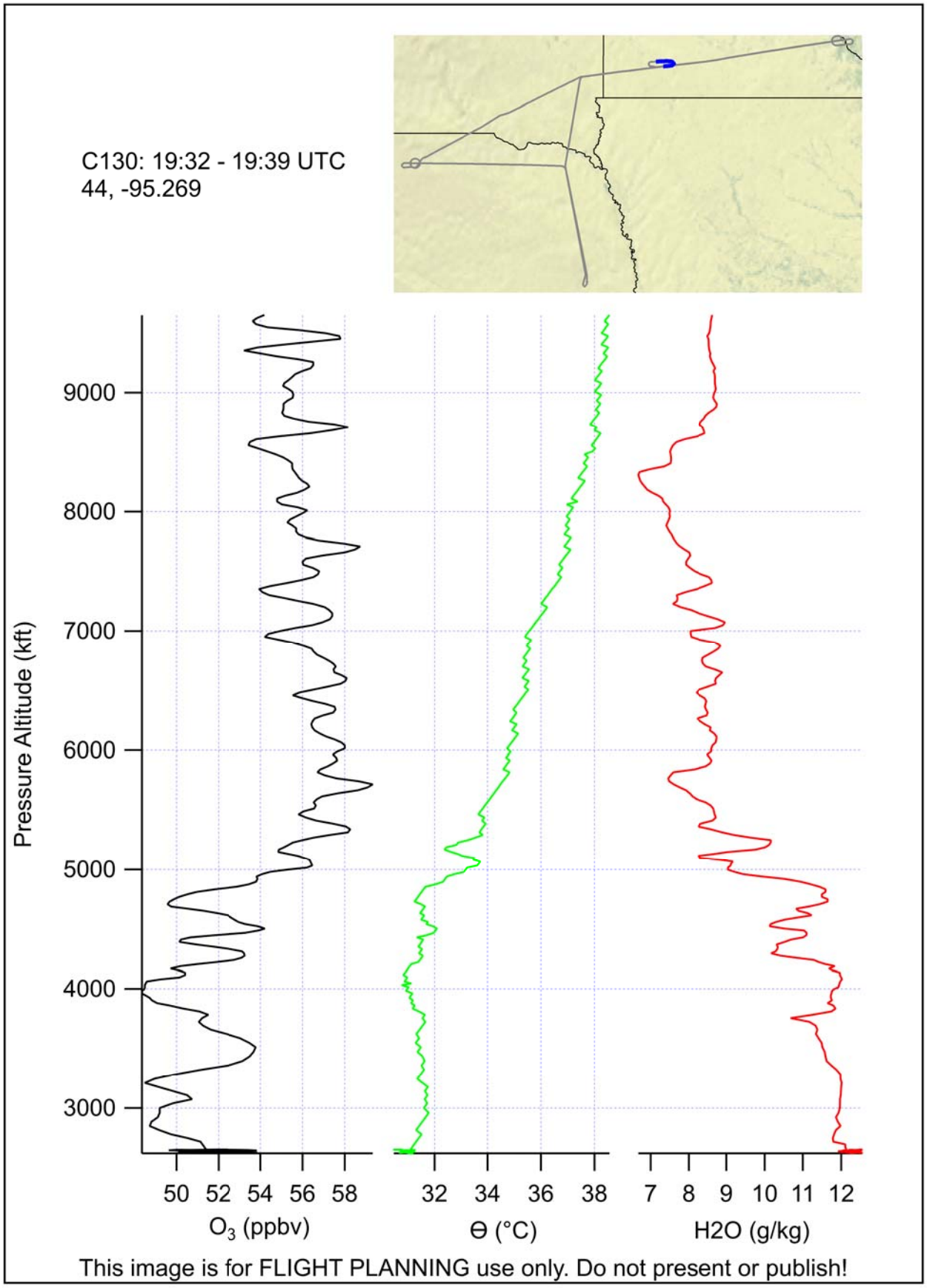
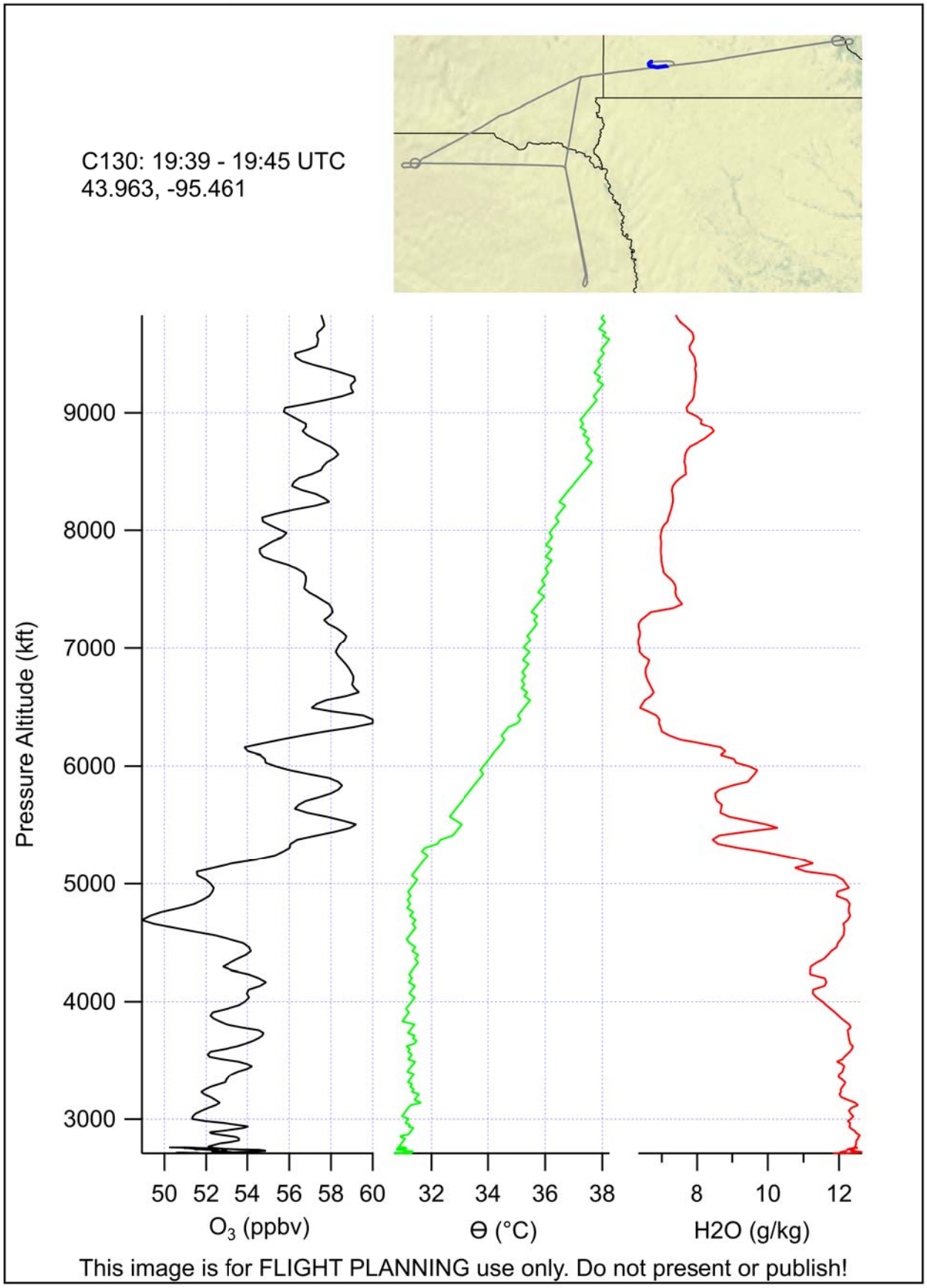
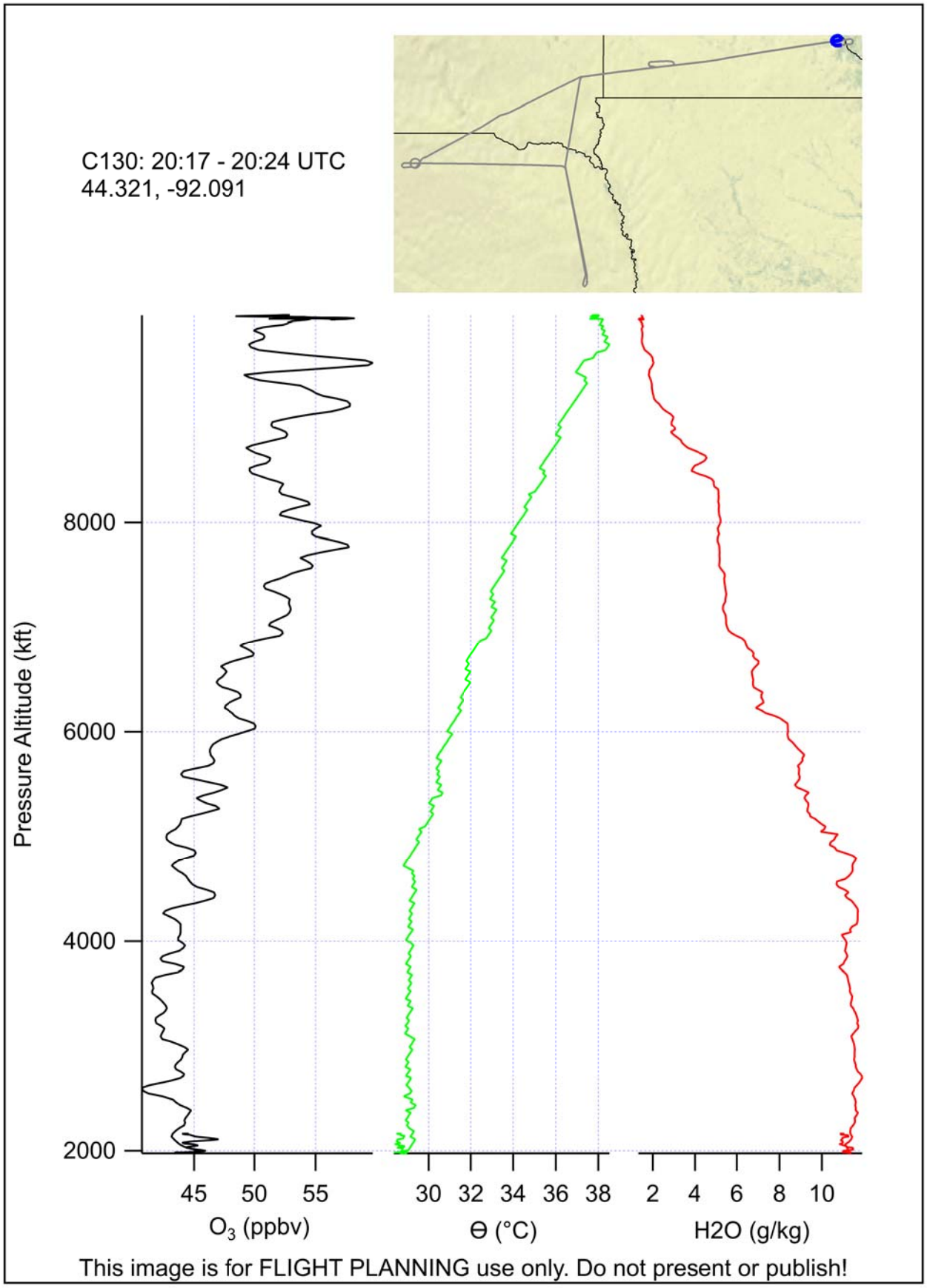
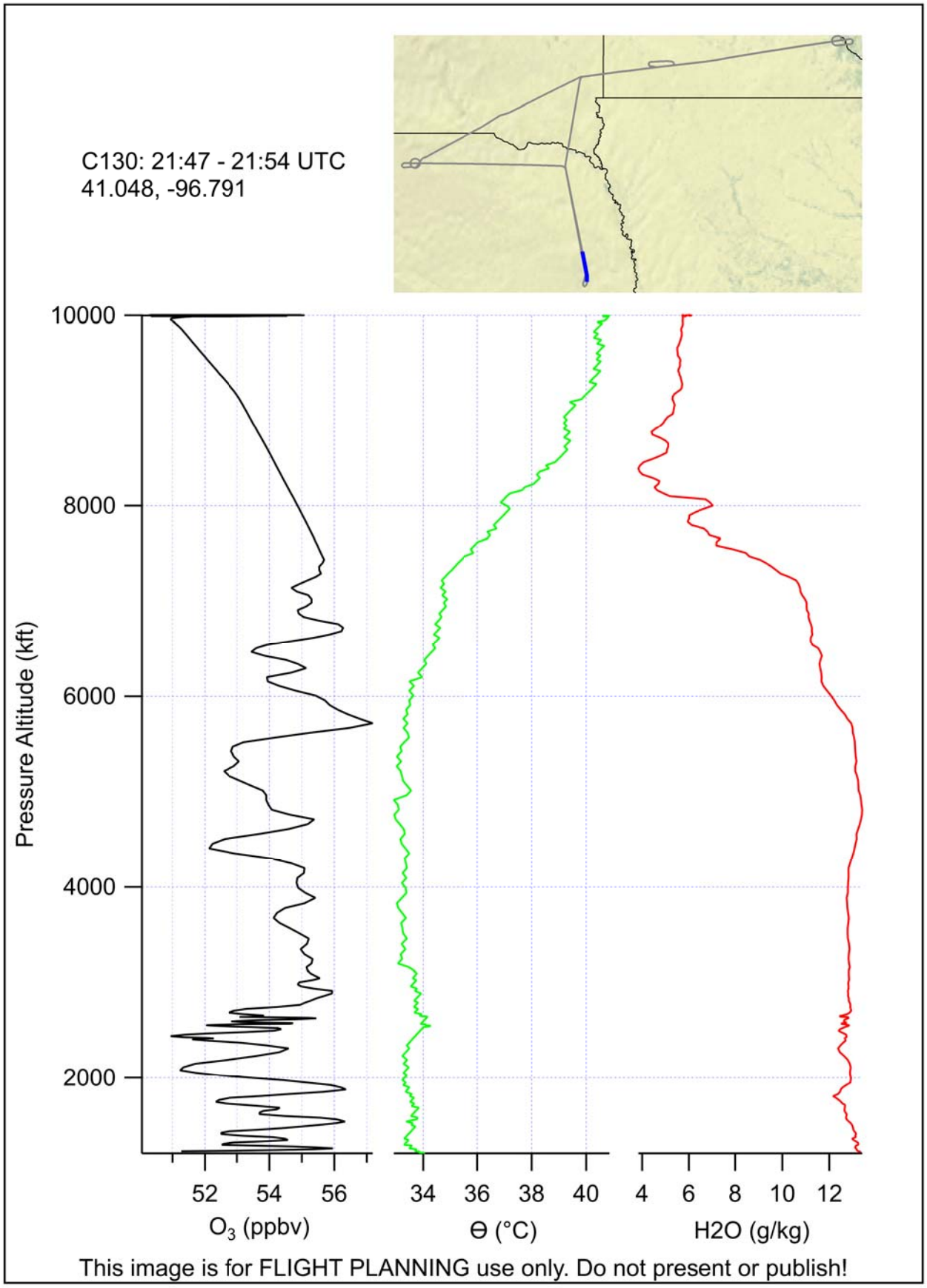

C130: 17:32 - 17:55 UTC
41.294, -96.876
Pressure Altitude (kft)
20 x10^3
15
10
5
40 45 50 55 60 65
O3 (ppbv)
35 40 45 50 55
Θ (°C)
4 8 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:32 - 19:39 UTC
44, -95.269
Pressure Altitude (kft)
9000
8000
7000
6000
5000
4000
3000
50 52 54 56 58
O3 (ppbv)
32 34 36 38
Θ (°C)
7 8 9 10 11 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:39 - 19:45 UTC
43.963, -95.461
Pressure Altitude (kft)
9000
8000
7000
6000
5000
4000
3000
50 52 54 56 58 60
O3 (ppbv)
32 34 36 38
Θ (°C)
8 10 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:17 - 20:24 UTC
44.321, -92.091
Pressure Altitude (kft)
8000
6000
4000
2000
45 50 55
O3 (ppbv)
30 32 34 36 38
Θ (°C)
2 4 6 8 10
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 21:47 - 21:54 UTC
41.048, -96.791
Pressure Altitude (kft)
10000
8000
6000
4000
2000
52
54
56
O3 (ppbv)
34
36
38
40
Θ (°C)
4
6
8
10
12
H2O (g/kg)
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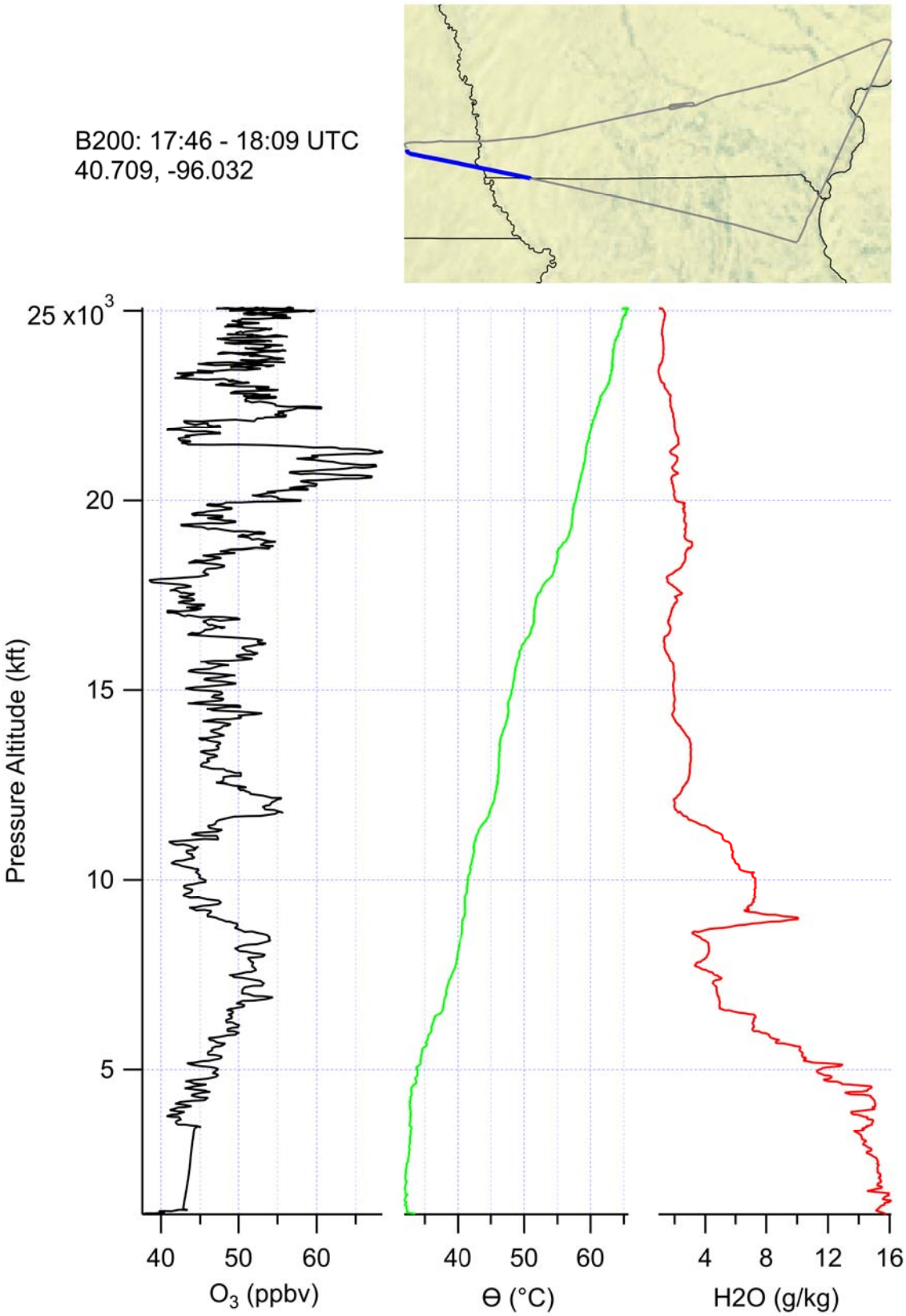

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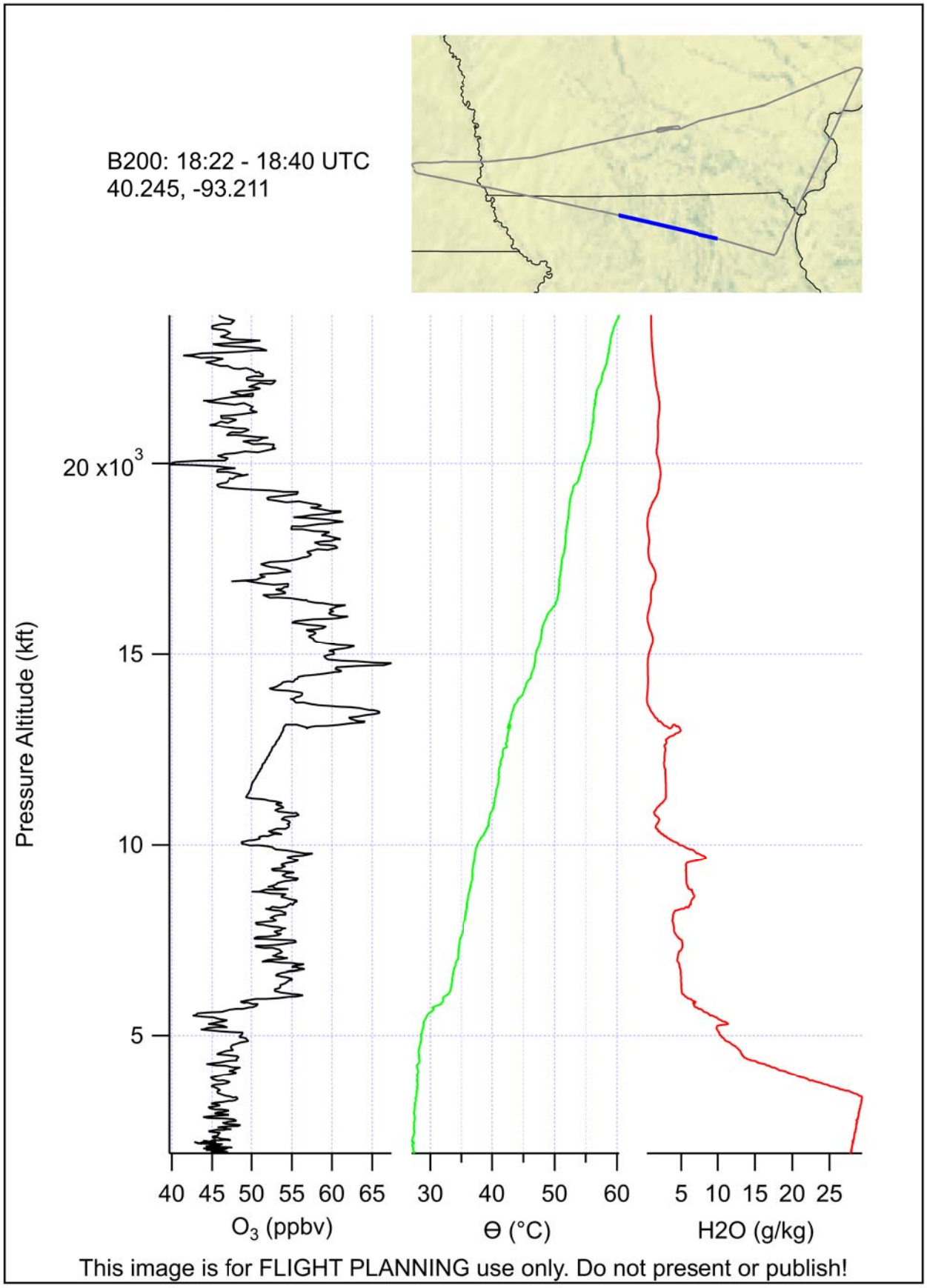
B200: 18:22 - 18:40 UTC
40.245, -93.211
Pressure Altitude (kft)
20 x10^3
15
10
5
40 45 50 55 60 65
O3 (ppbv)
30 40 50 60
Θ (°C)
5 10 15 20 25
H2O (g/kg)
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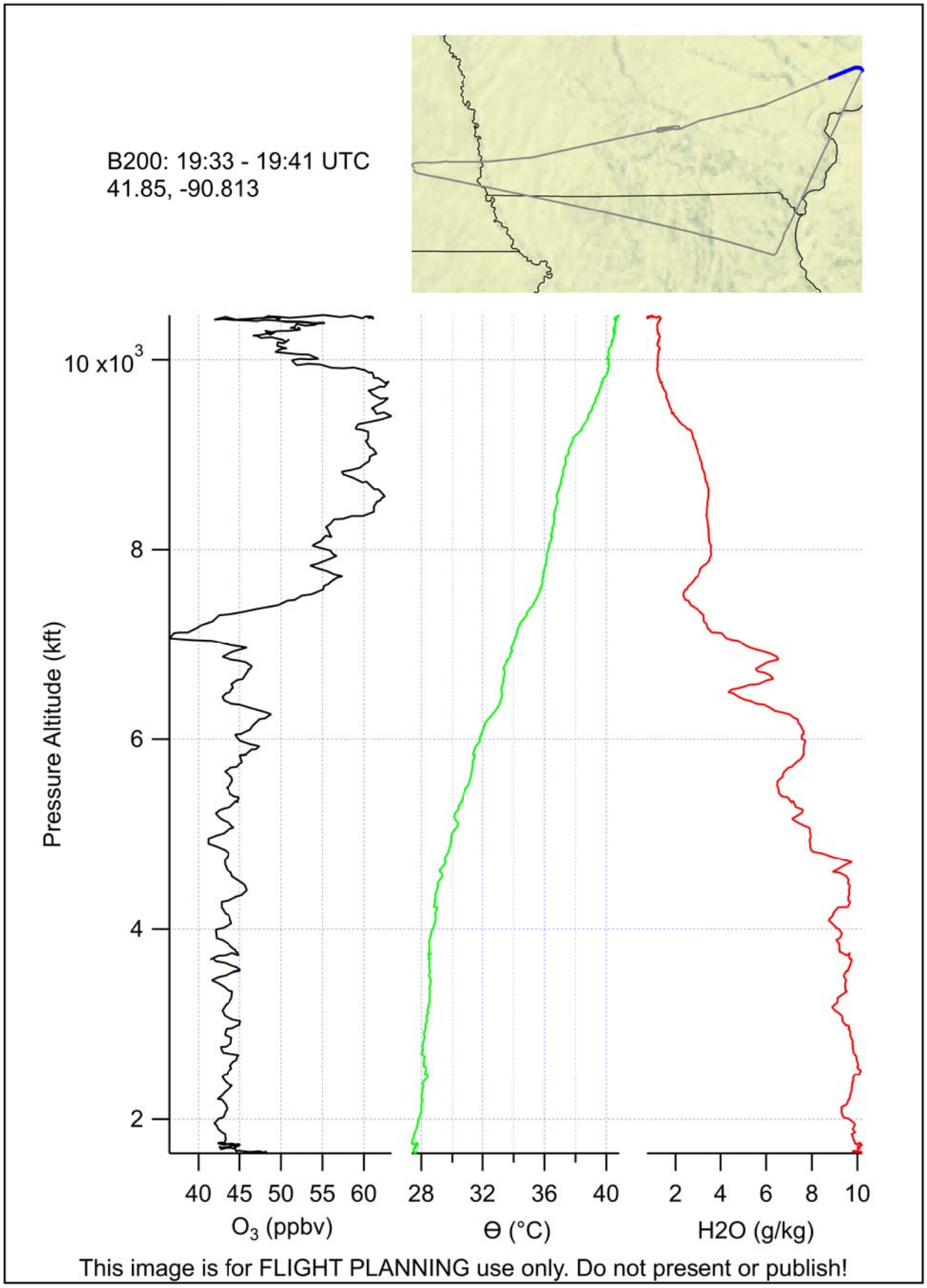
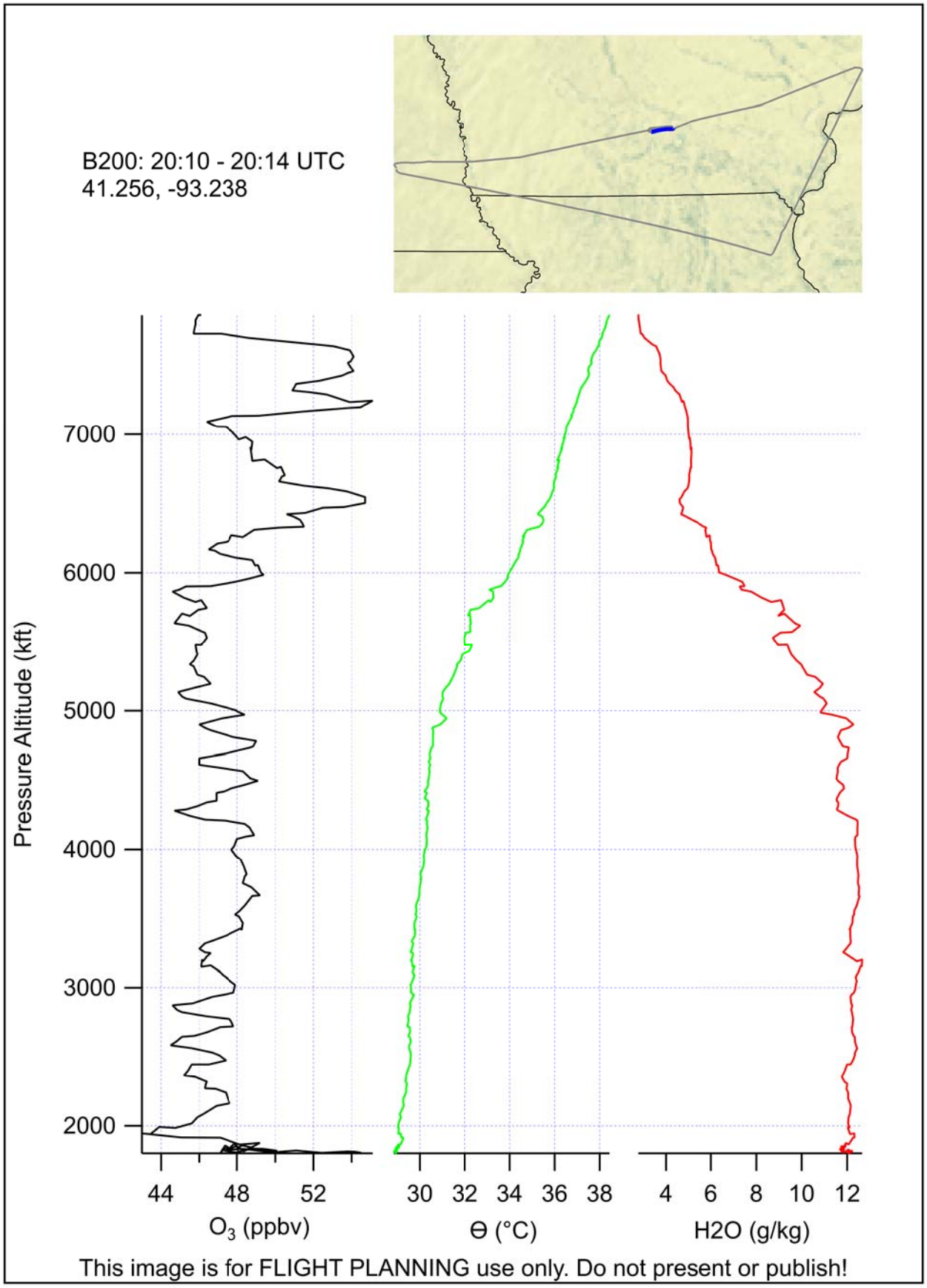
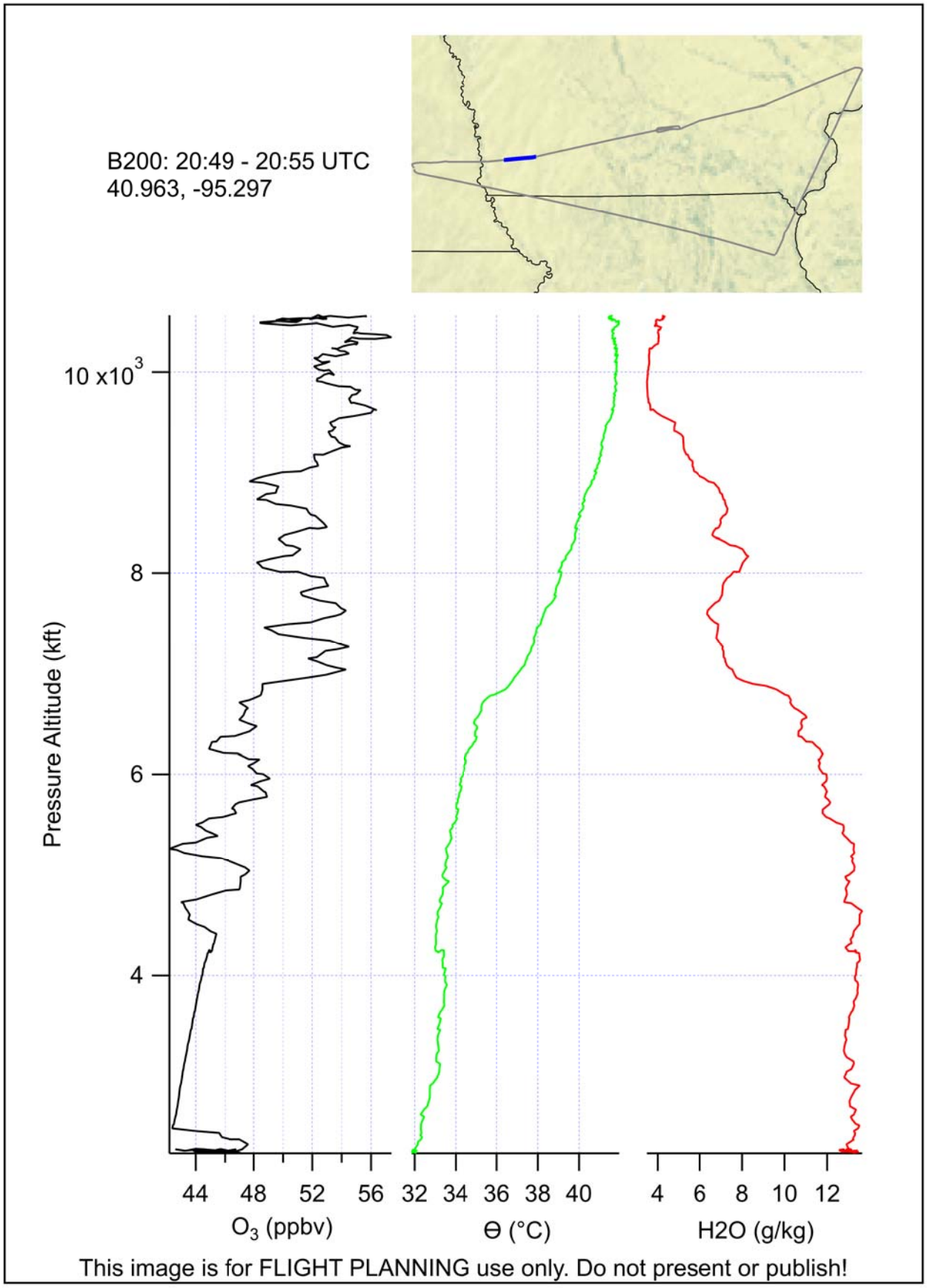
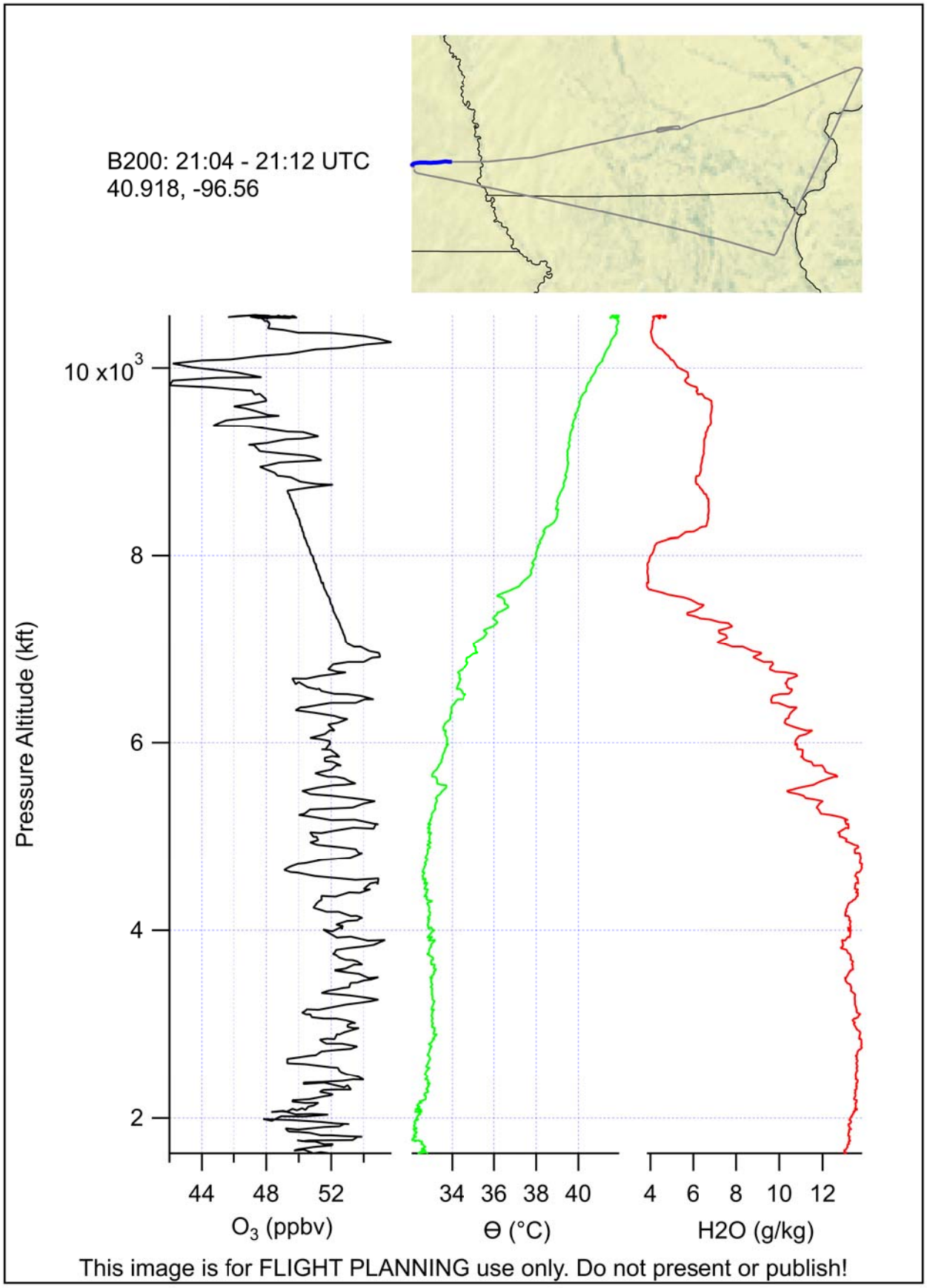

B200: 19:33 - 19:41 UTC
41.85, -90.813
Pressure Altitude (kft)
10 x10^3
8
6
4
2
40 45 50 55 60
O3 (ppbv)
28 32 36 40
Θ (°C)
2 4 6 8 10
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 20:10 - 20:14 UTC
41.256, -93.238
Pressure Altitude (kft)
7000
6000
5000
4000
3000
2000
44
48
52
O3 (ppbv)
30
32
34
36
38
Θ (°C)
4
6
8
10
12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 20:49 - 20:55 UTC
40.963, -95.297
10 x10^3
8
6
4
Pressure Altitude (kft)
44 48 52 56
O3 (ppbv)
32 34 36 38 40
Θ (°C)
4 6 8 10 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 21:04 - 21:12 UTC
40.918, -96.56
Pressure Altitude (kft)
10 x10^3
8
6
4
2
44 48 52
O3 (ppbv)
34 36 38 40
Θ (°C)
4 6 8 10 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!