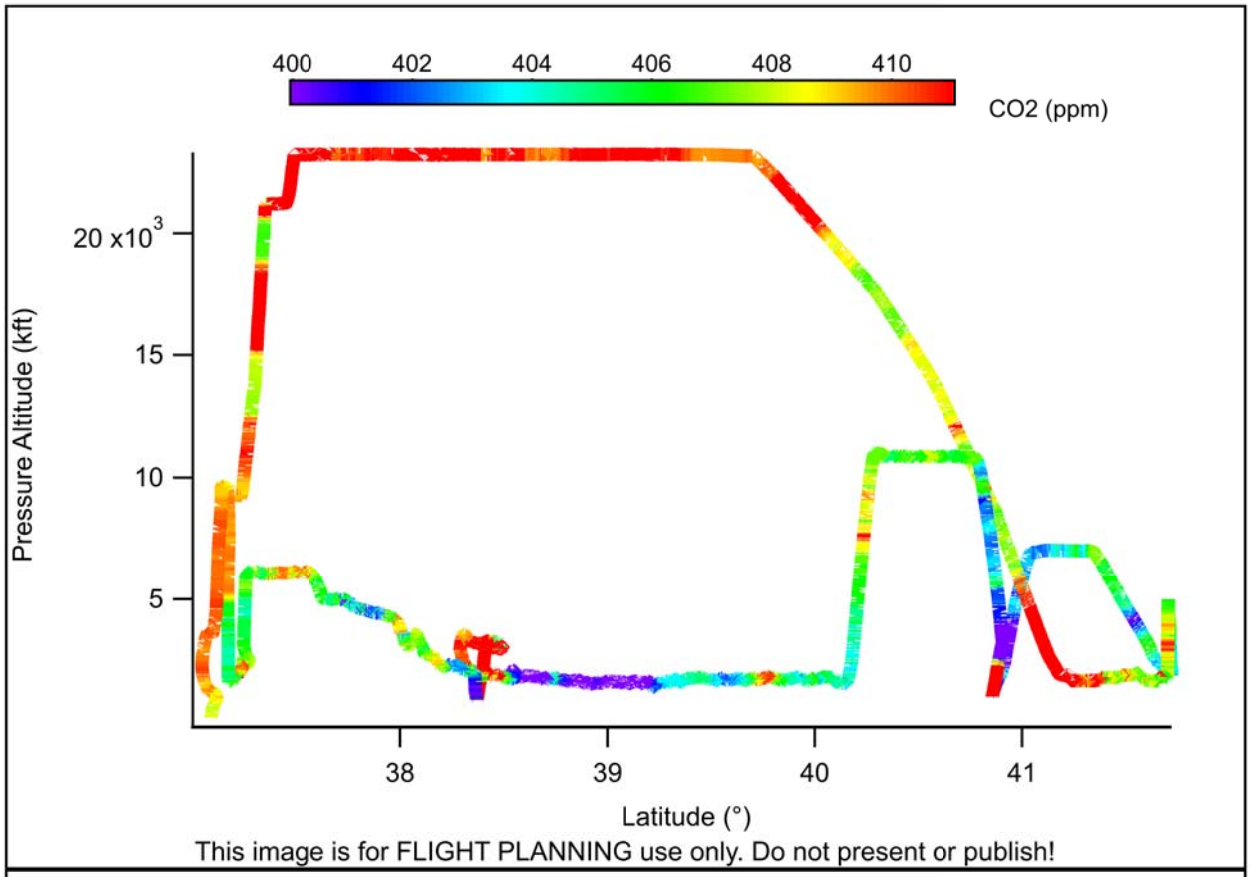
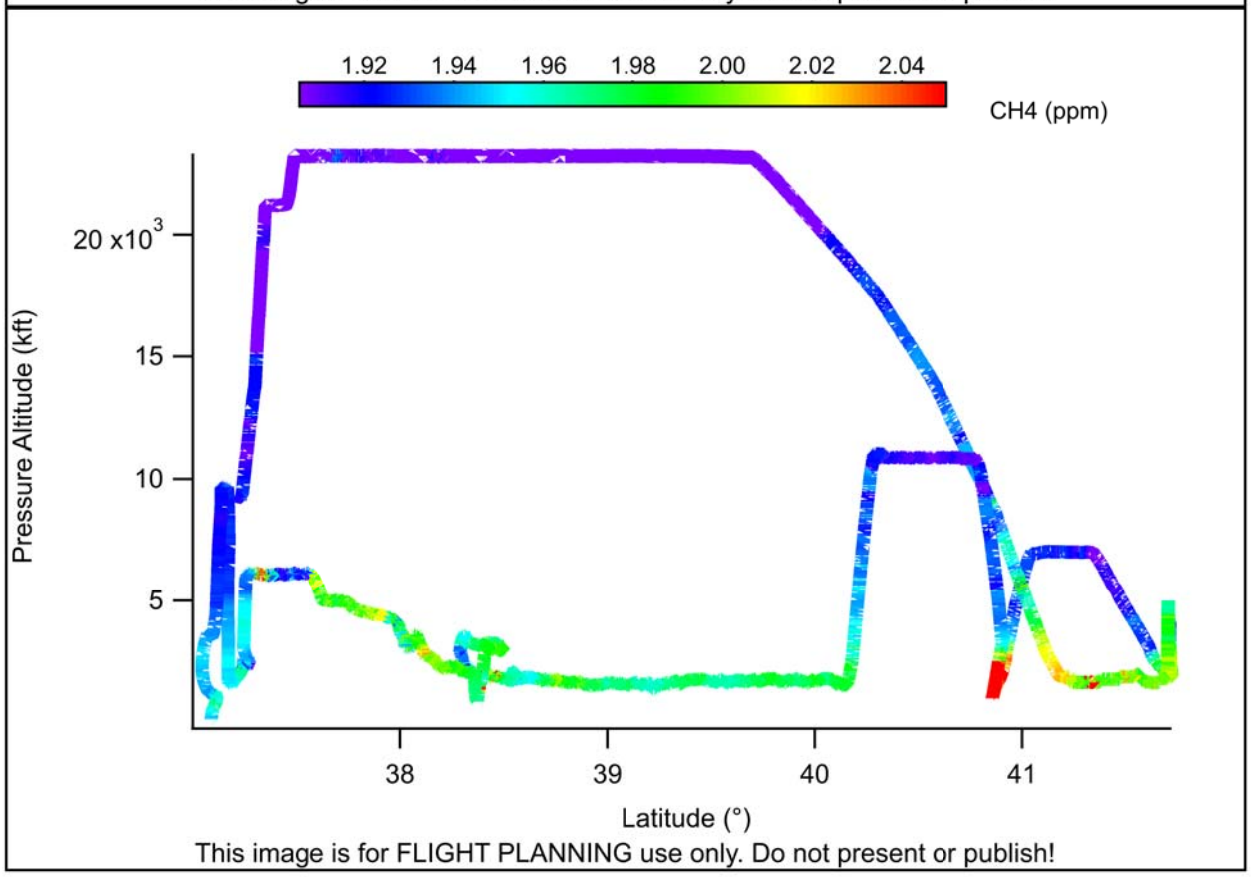
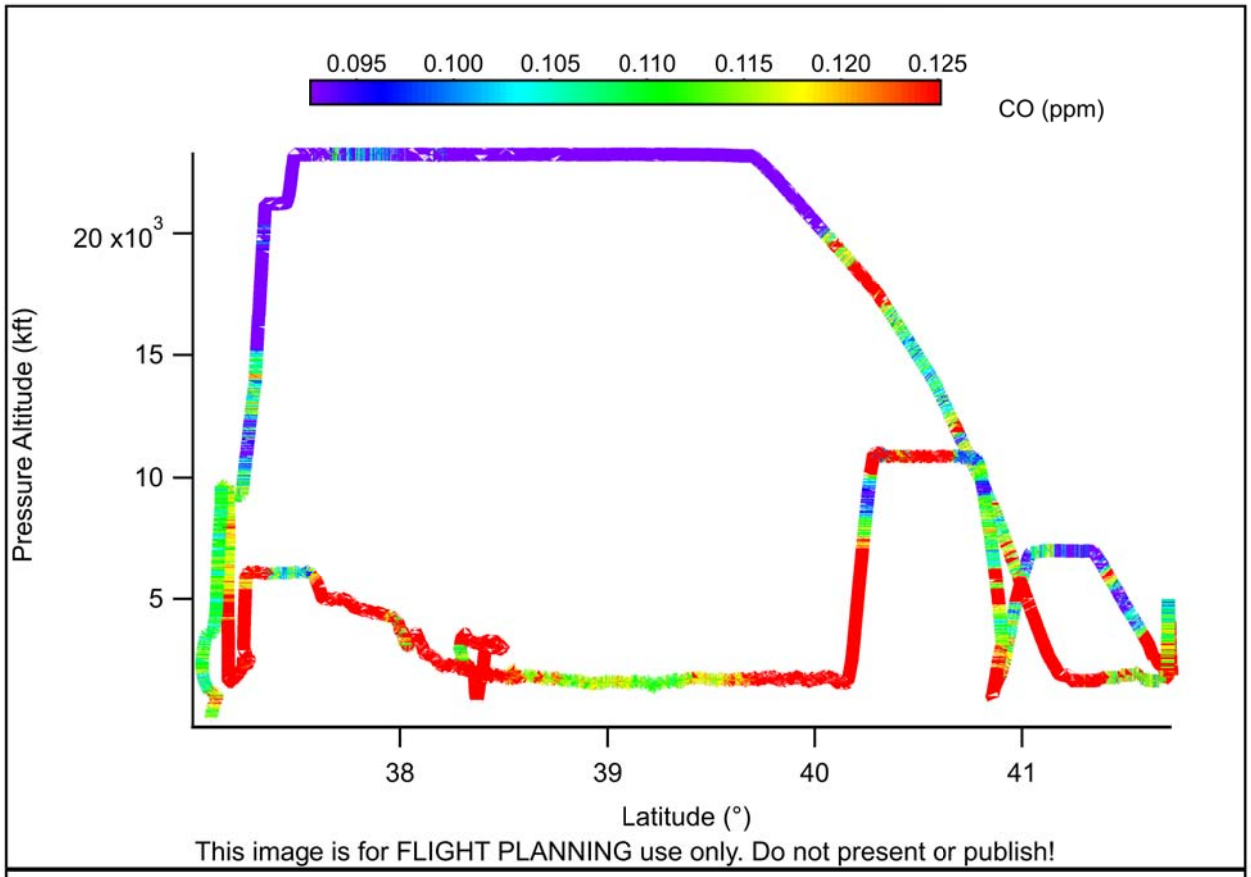
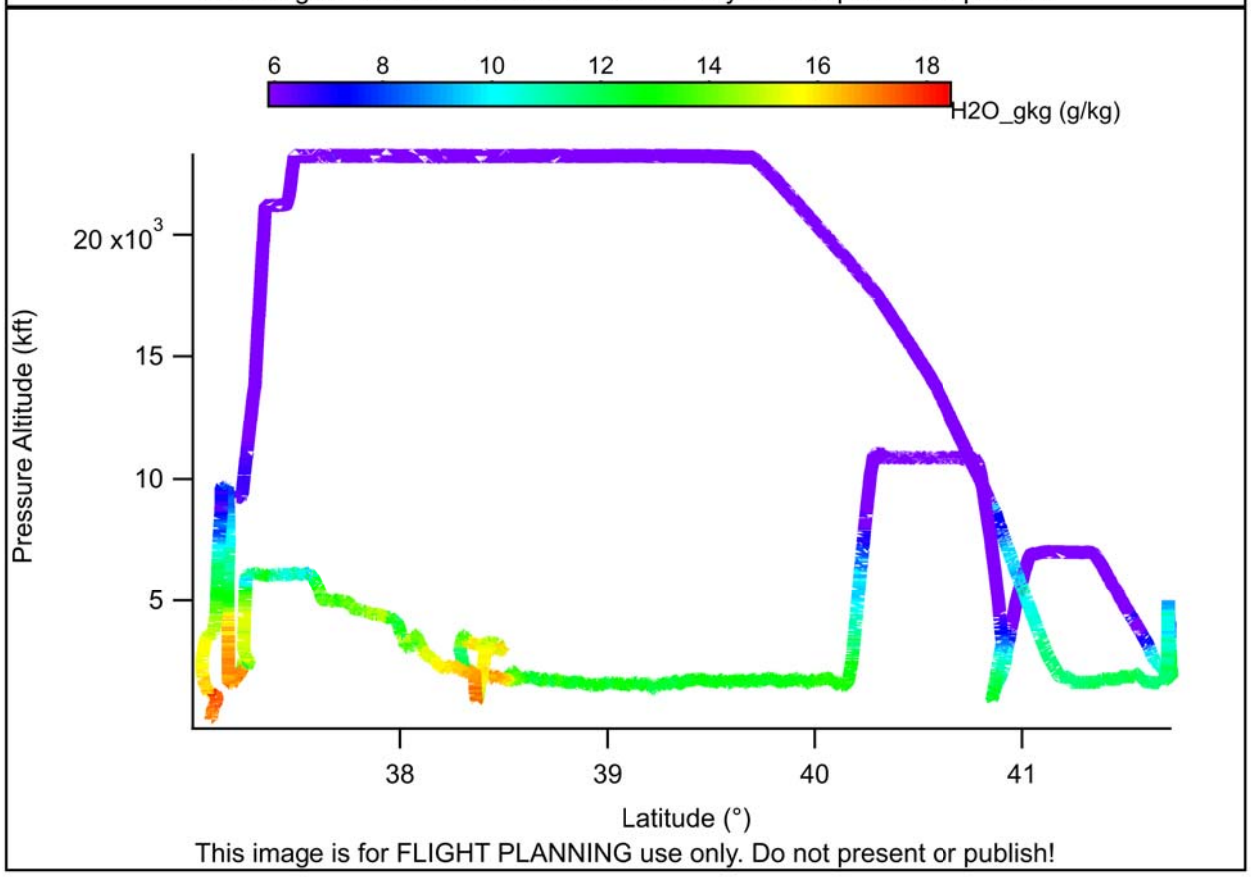
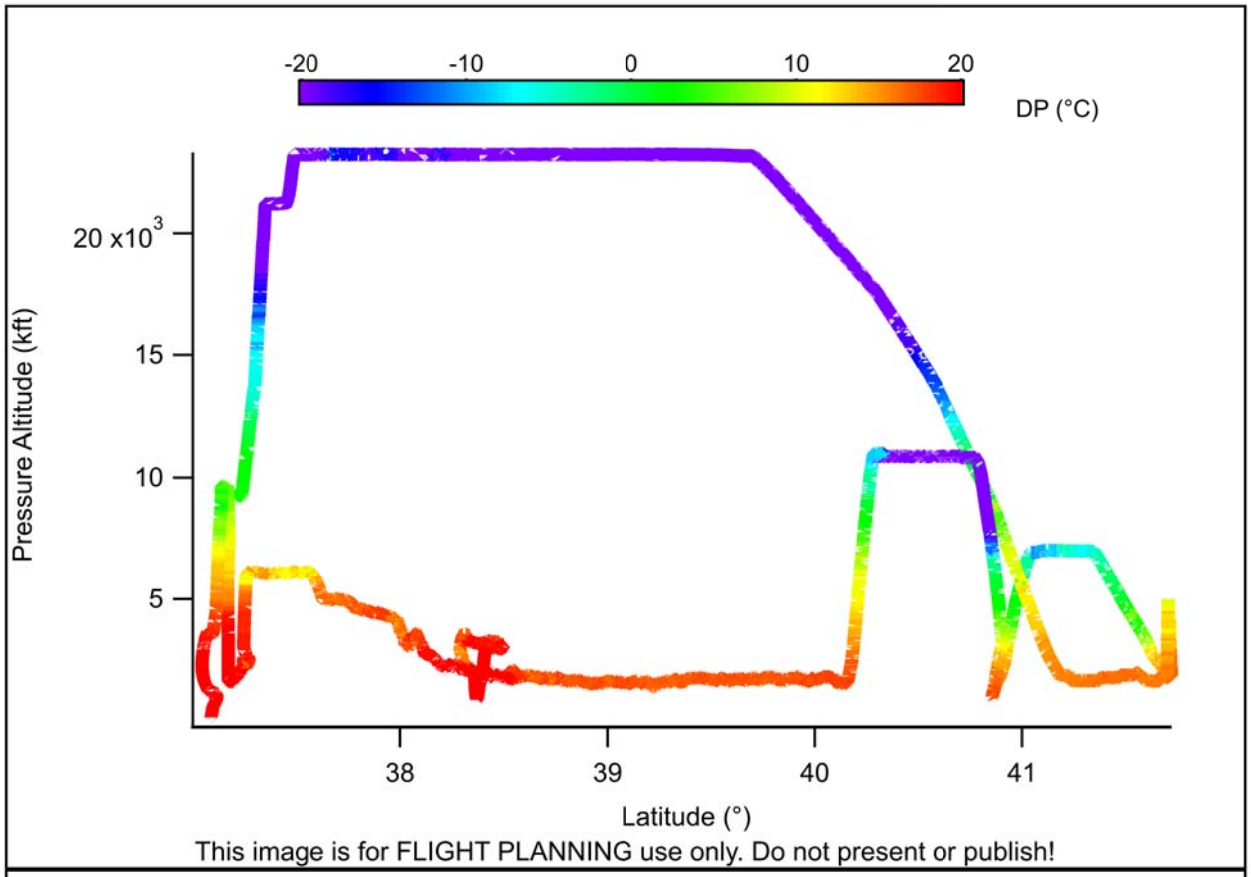
ACT-America 20190711

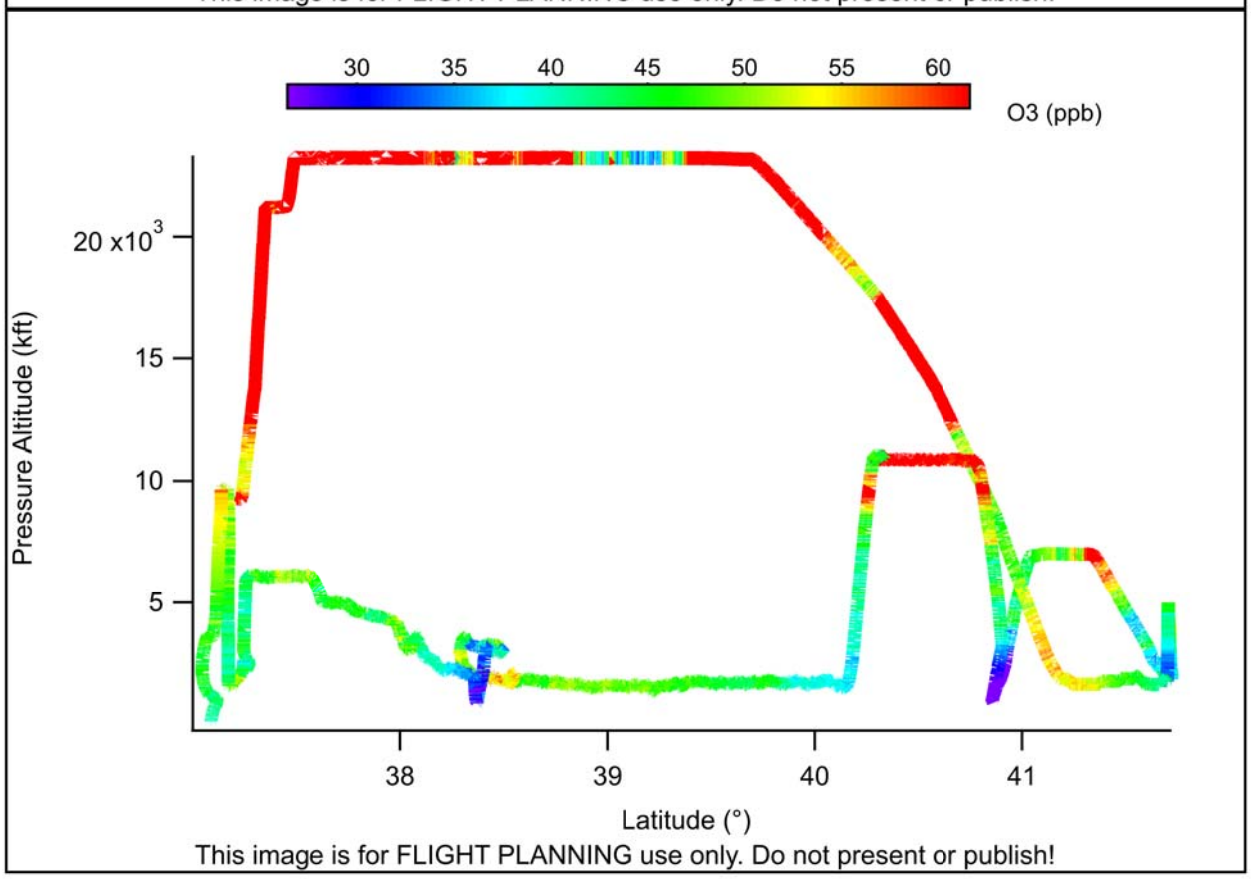

400
402
404
406
408
410
CO2 (ppm)
20 x10^3
15
10
5
Pressure Altitude (kft)
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

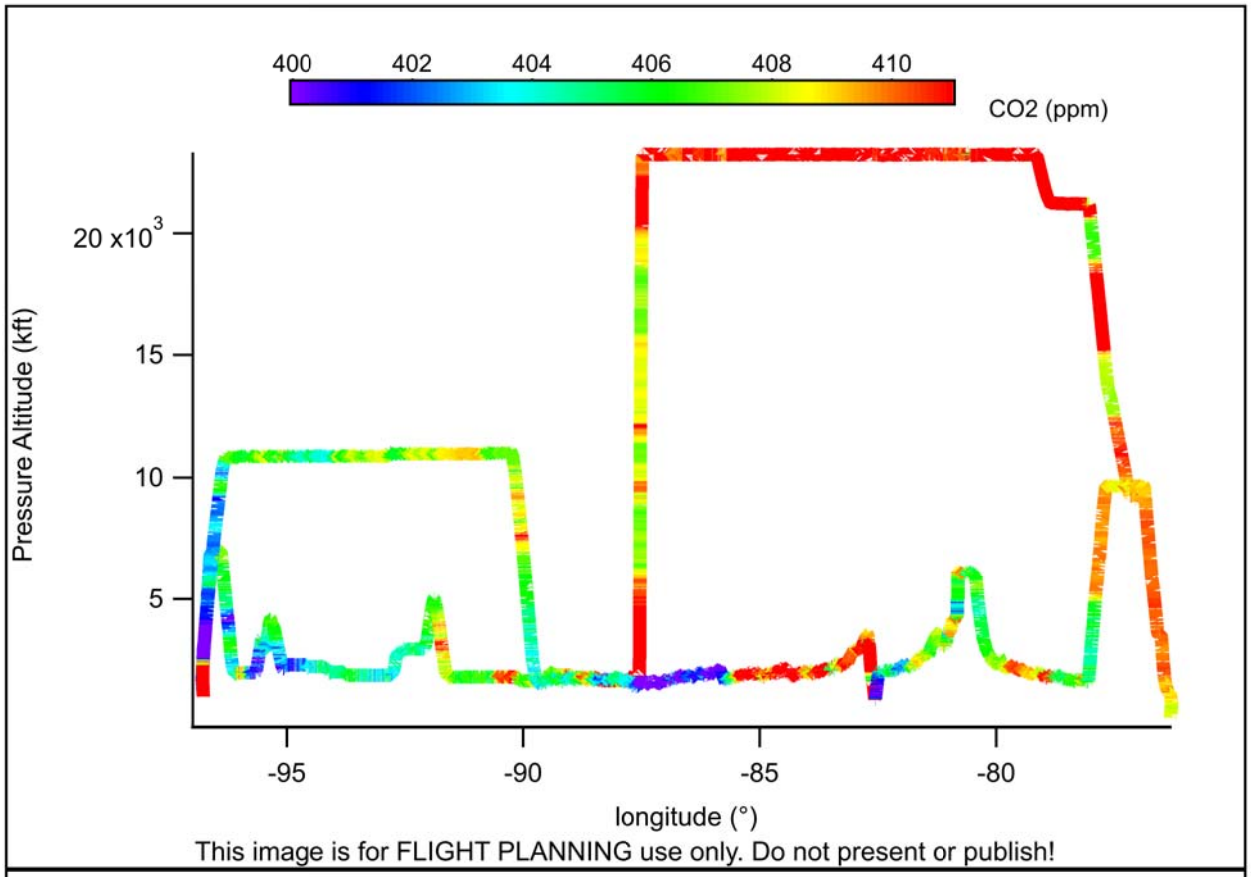

1.92
1.94
1.96
1.98
2.00
2.02
2.04
CH4 (ppm)
20 x10^3
15
10
5
Pressure Altitude (kft)
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

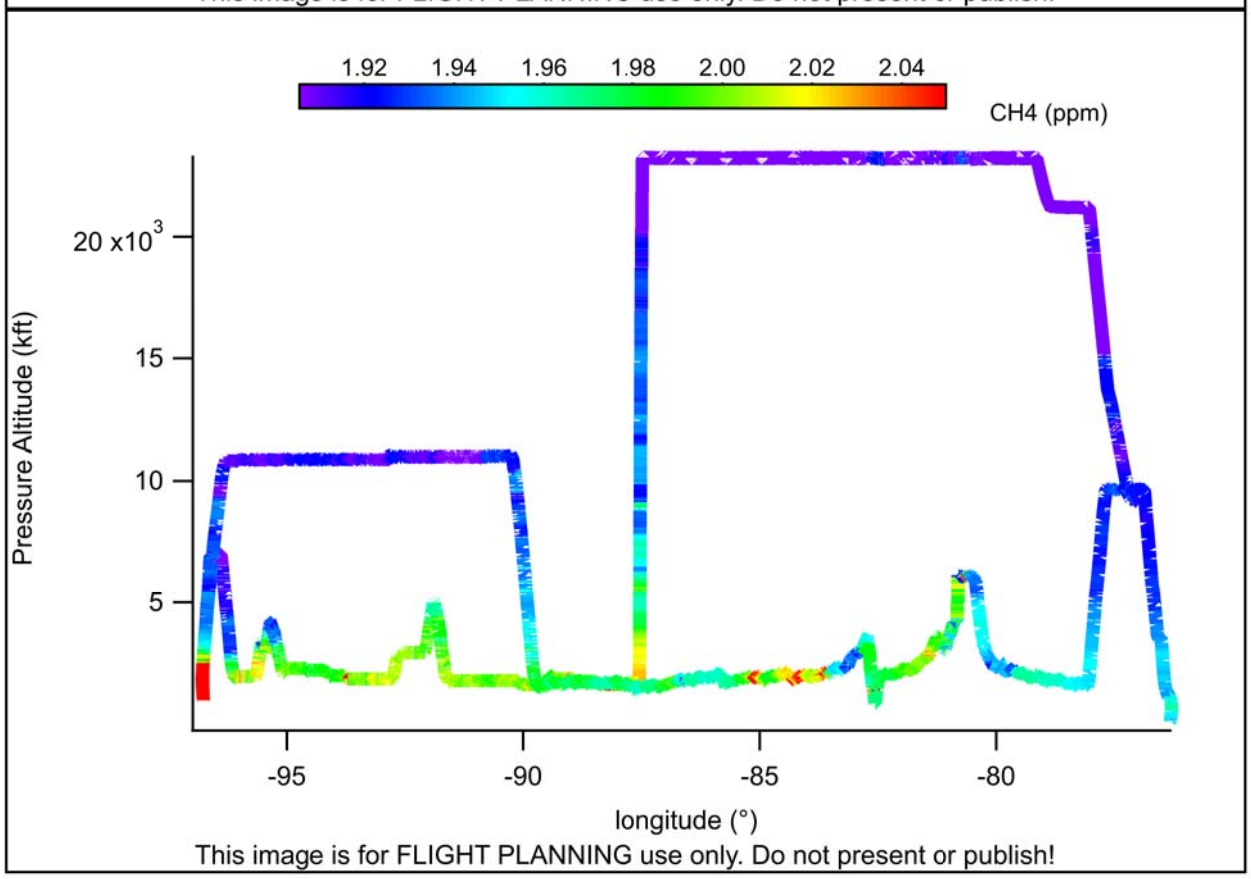

0.095
0.100
0.105
0.110
0.115
0.120
0.125
CO (ppm)
20 x10^3
15
10
5
Pressure Altitude (kft)
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

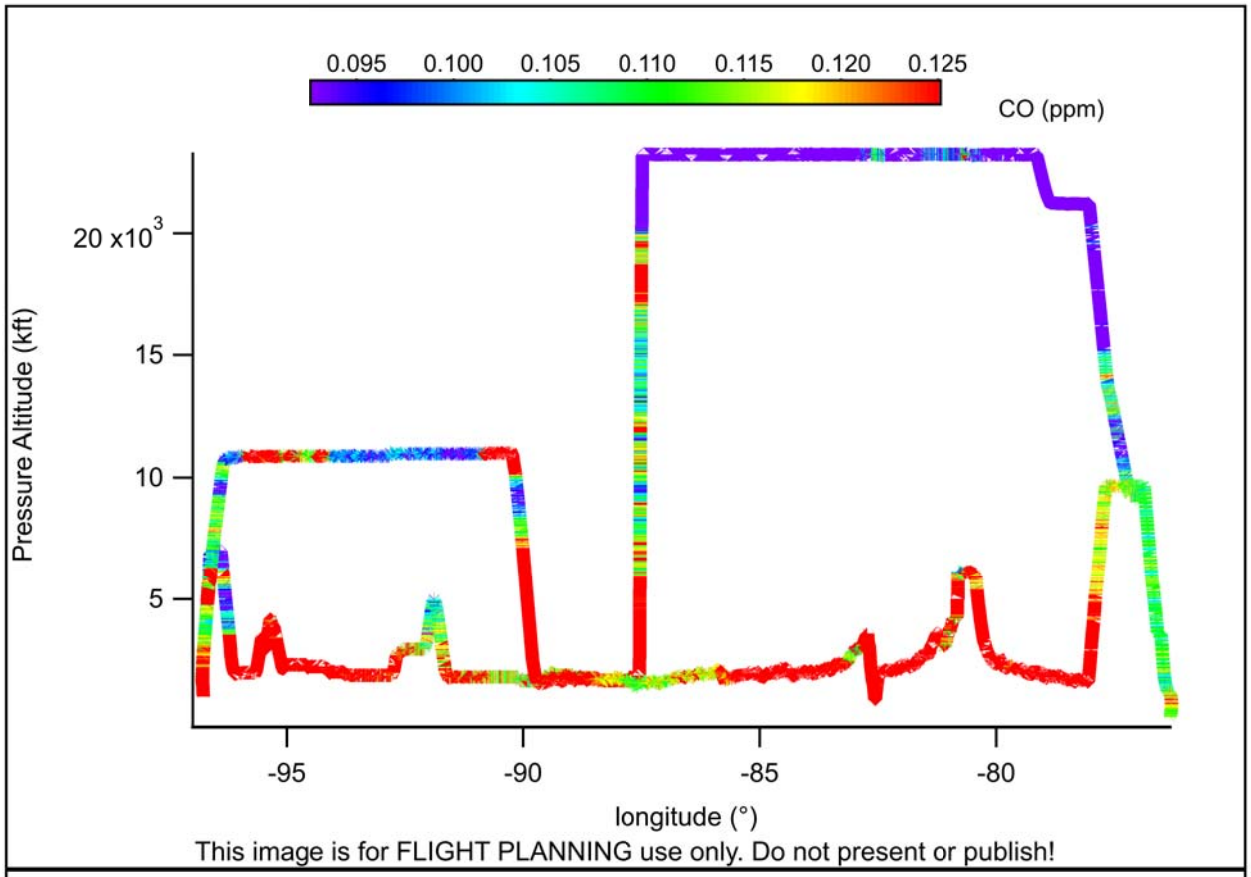

6
8
10
12
14
16
18
H2O_gkg (g/kg)
20 x10^3
15
10
5
Pressure Altitude (kft)
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

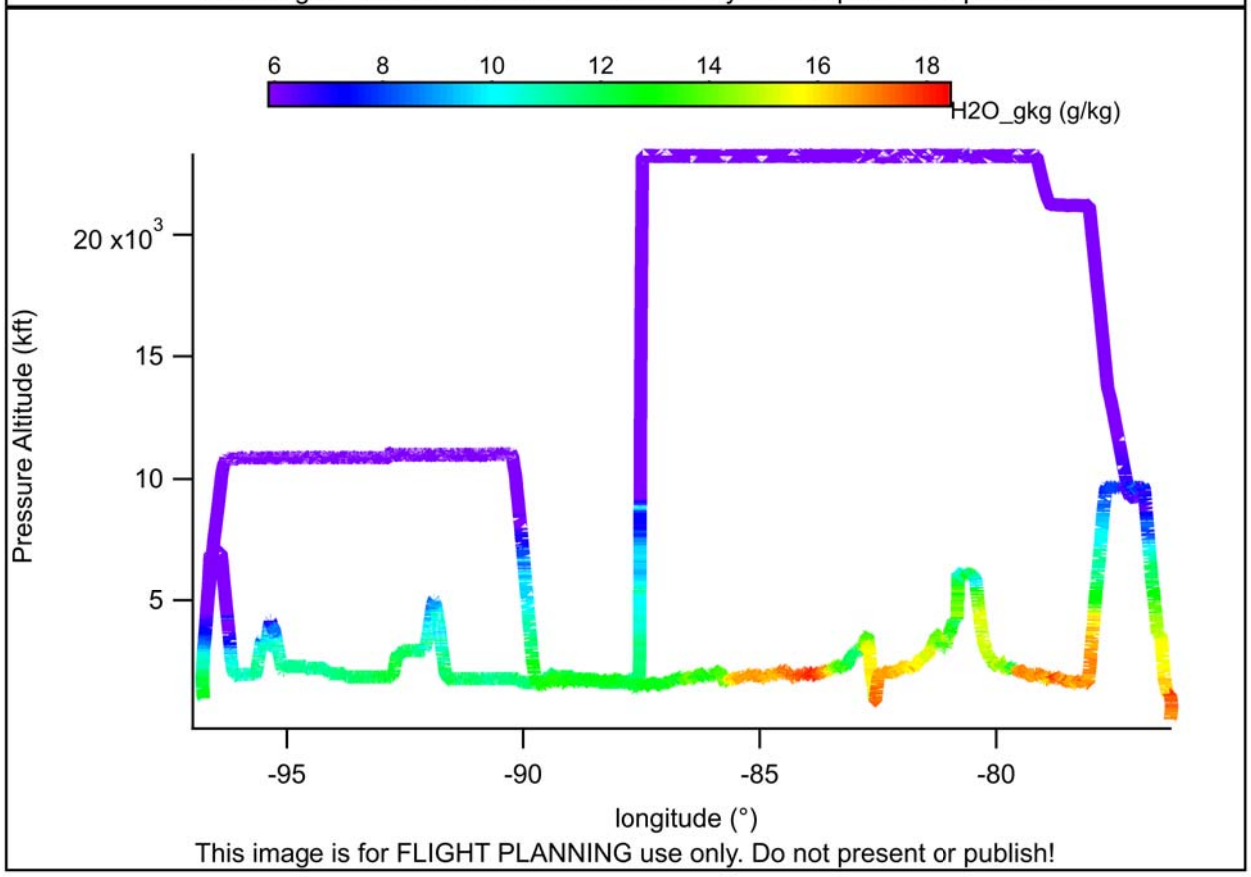

-20
-10
0
10
20
DP (°C)
20 x10^3
15
10
5
Pressure Altitude (kft)
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

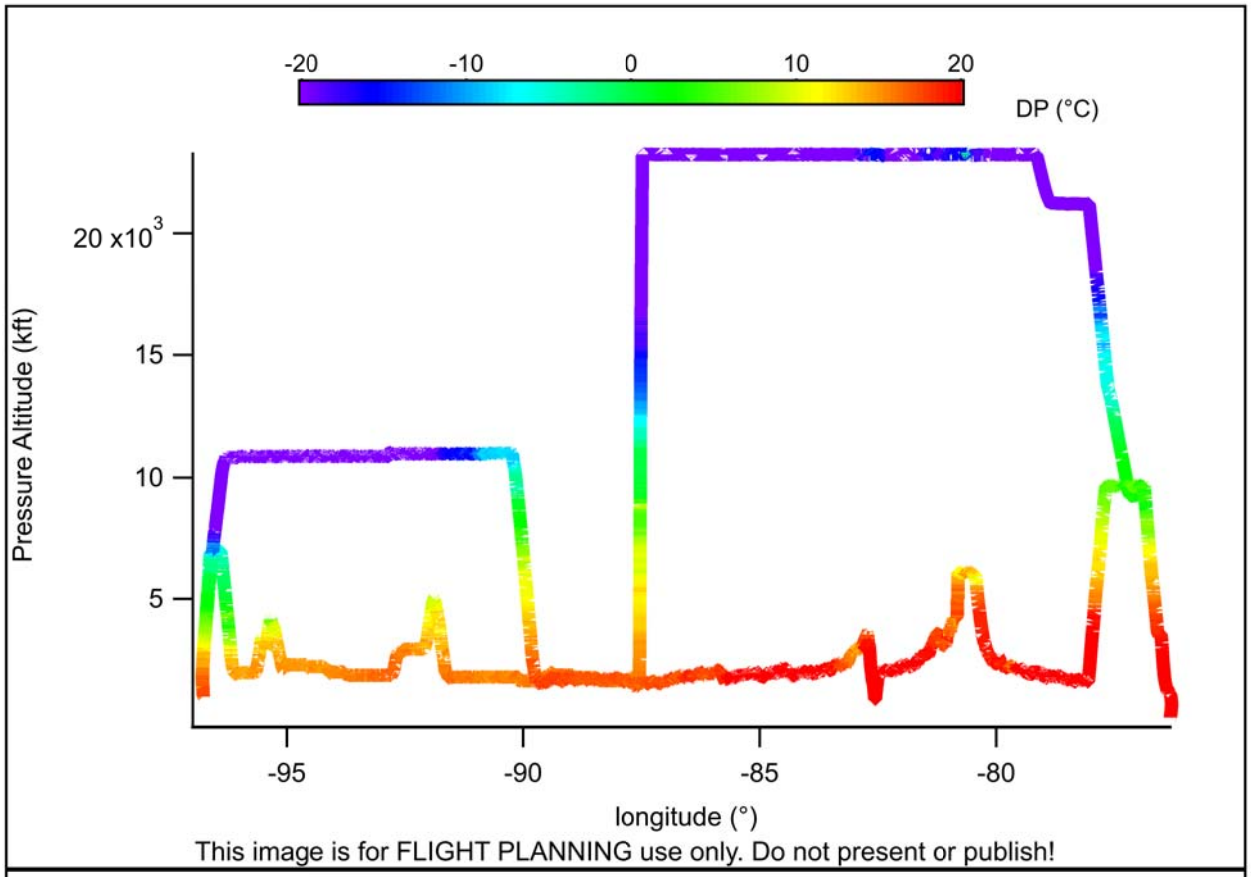

30
35
40
45
50
55
60
O3 (ppb)
20 x10^3
15
10
5
Pressure Altitude (kft)
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

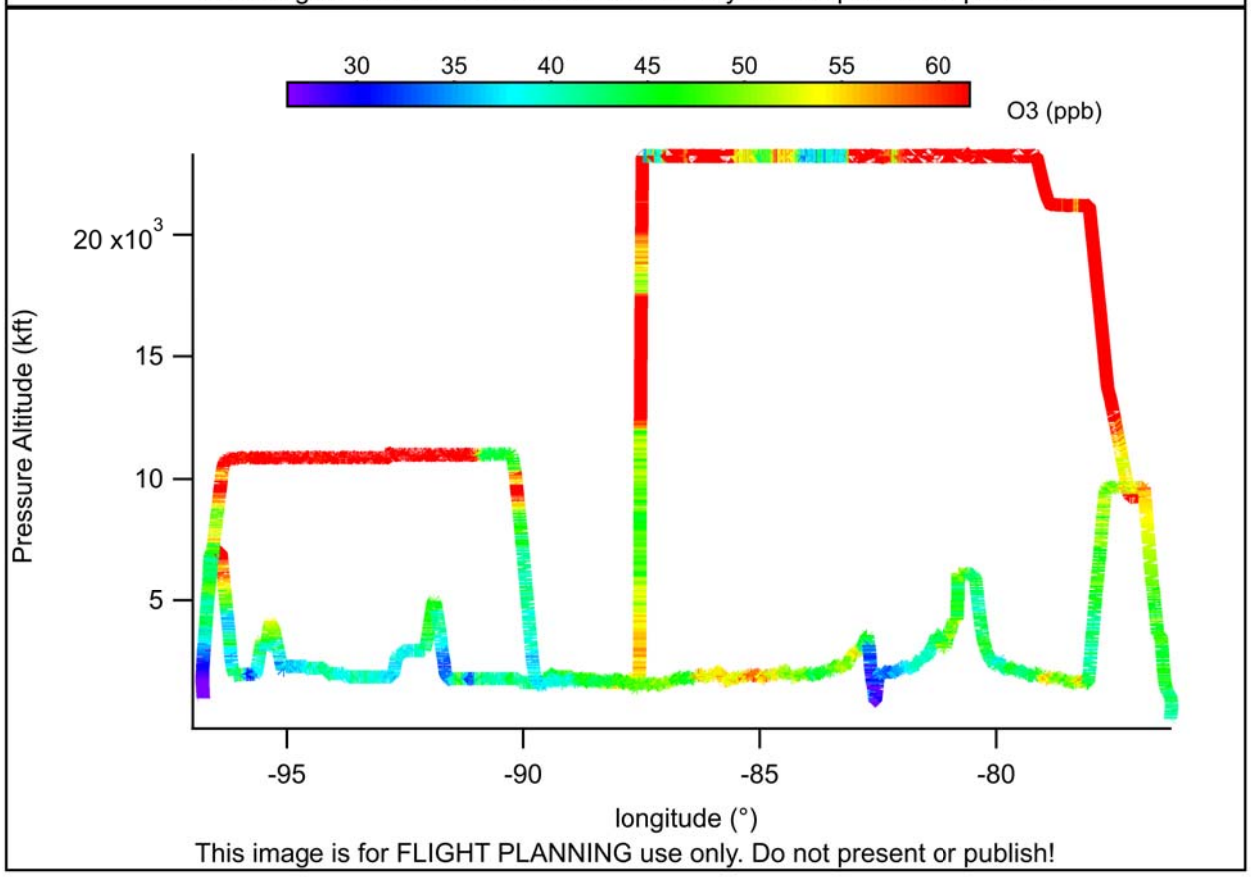

400
402
404
406
408
410
CO2 (ppm)
20 x10^3
15
10
5
Pressure Altitude (kft)
-95
-90
-85
-80
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

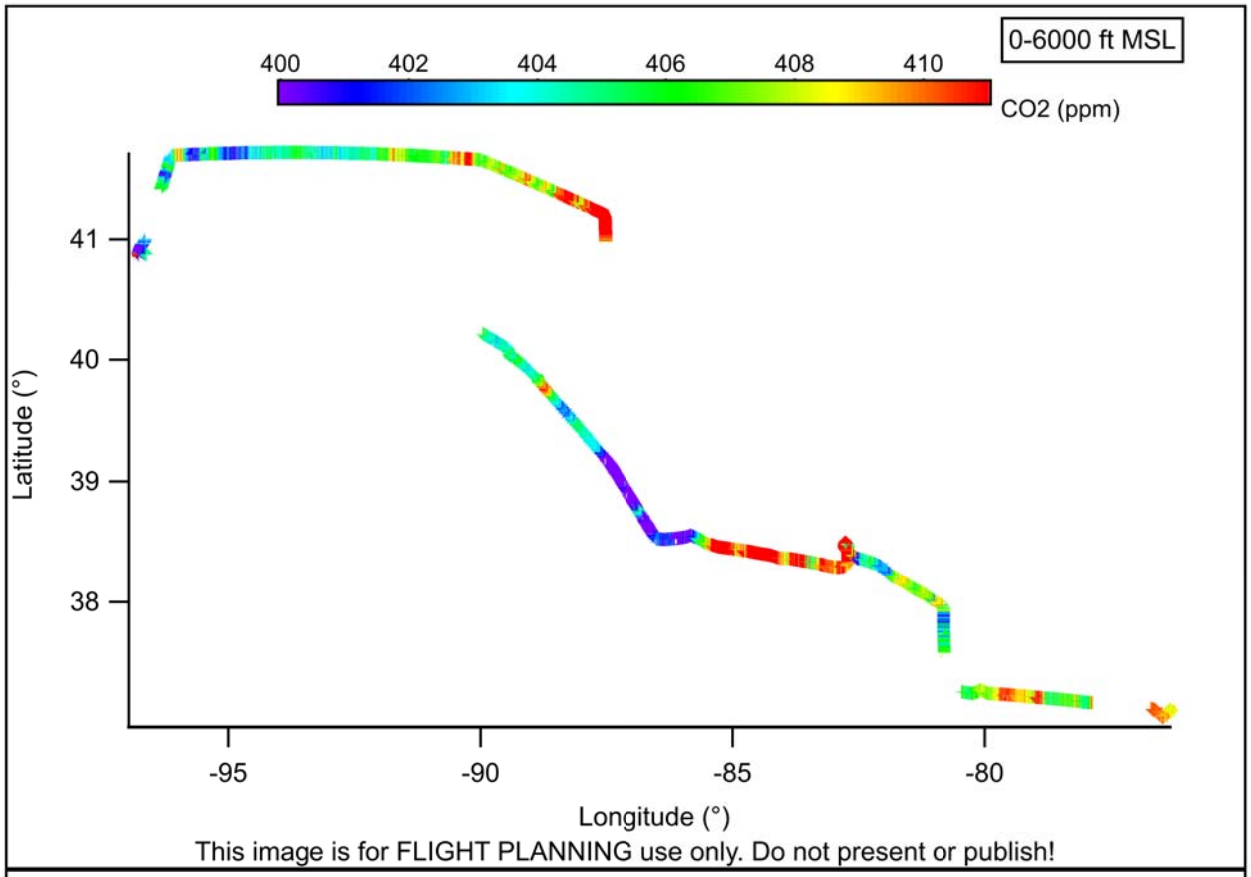

1.92
1.94
1.96
1.98
2.00
2.02
2.04
CH4 (ppm)
20 x10^3
15
10
5
Pressure Altitude (kft)
-95
-90
-85
-80
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

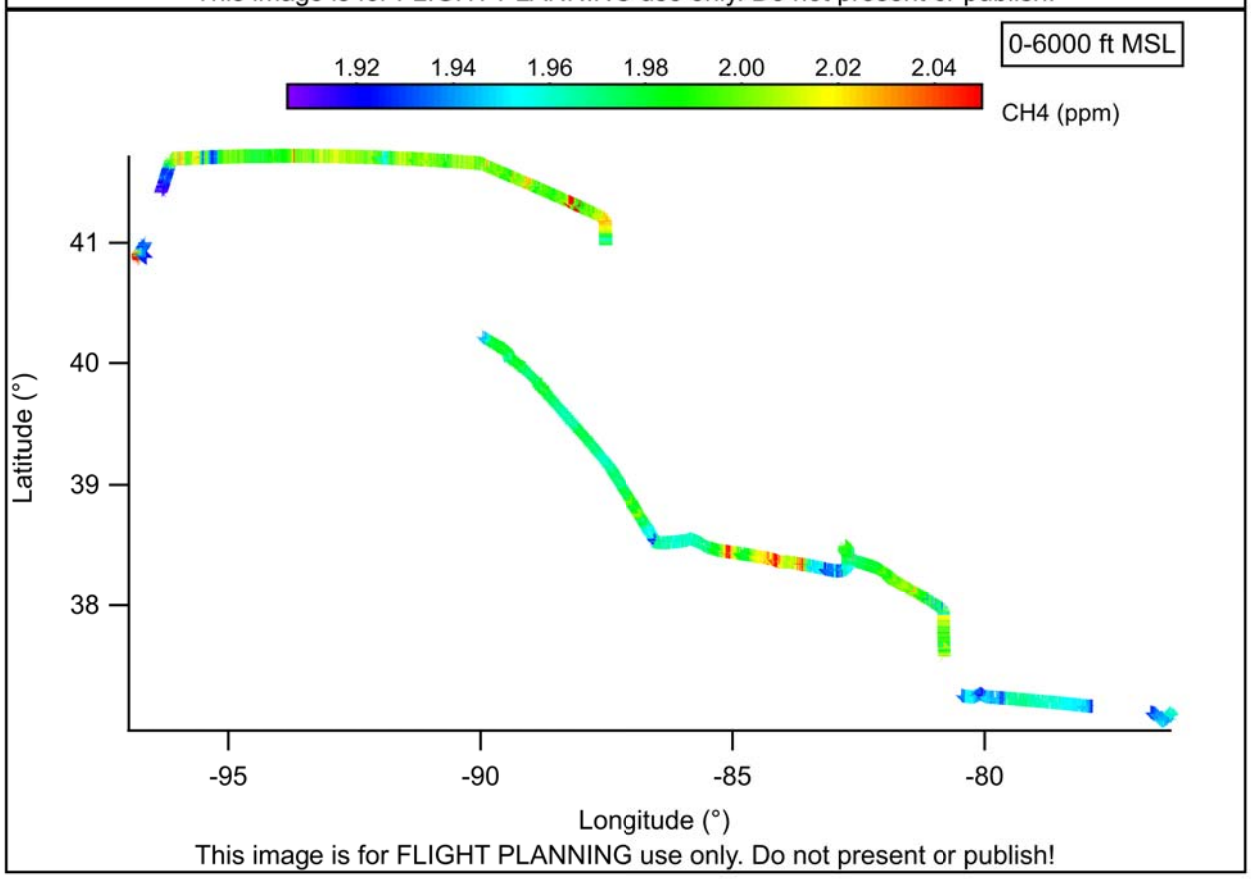

0.095
0.100
0.105
0.110
0.115
0.120
0.125
CO (ppm)
20 x10^3
15
10
5
Pressure Altitude (kft)
-95
-90
-85
-80
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

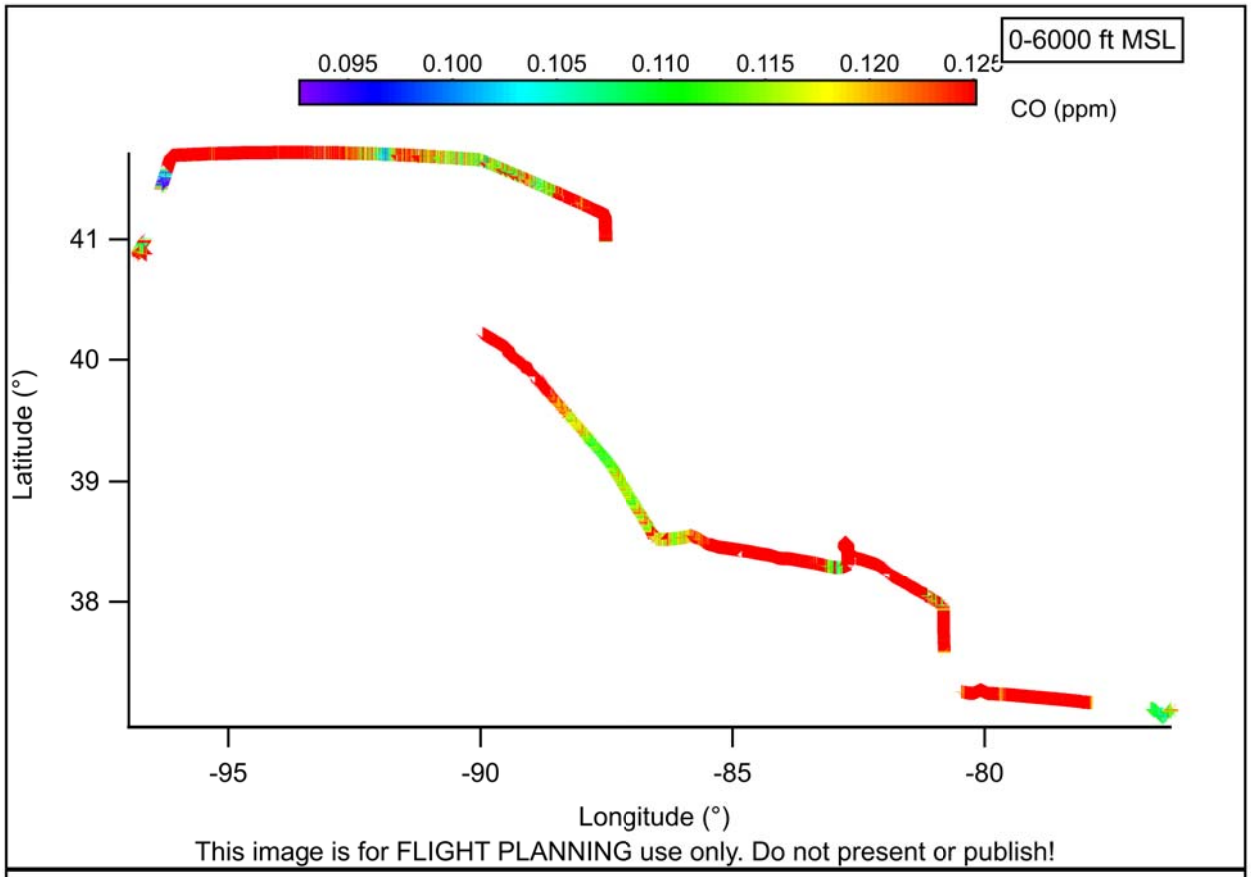

6
8
10
12
14
16
18
H2O_gkg (g/kg)
20 x10^3
15
10
5
Pressure Altitude (kft)
-95
-90
-85
-80
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-20
-10
0
10
20
DP (°C)
20 x10^3
15
10
5
Pressure Altitude (kft)
-95
-90
-85
-80
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


30
35
40
45
50
55
60
O3 (ppb)
20 x10^3
15
10
5
Pressure Altitude (kft)
-95
-90
-85
-80
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
400
402
404
406
408
410
CO2 (ppm)
41
40
39
38
Latitude (°)
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
1.92
1.94
1.96
1.98
2.00
2.02
2.04
CH4 (ppm)
41
40
39
38
Latitude (°)
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
0.095
0.100
0.105
0.110
0.115
0.120
0.125
CO (ppm)
41
40
39
38
Latitude (°)
-95
-90
-85
-80
Longitude (°)
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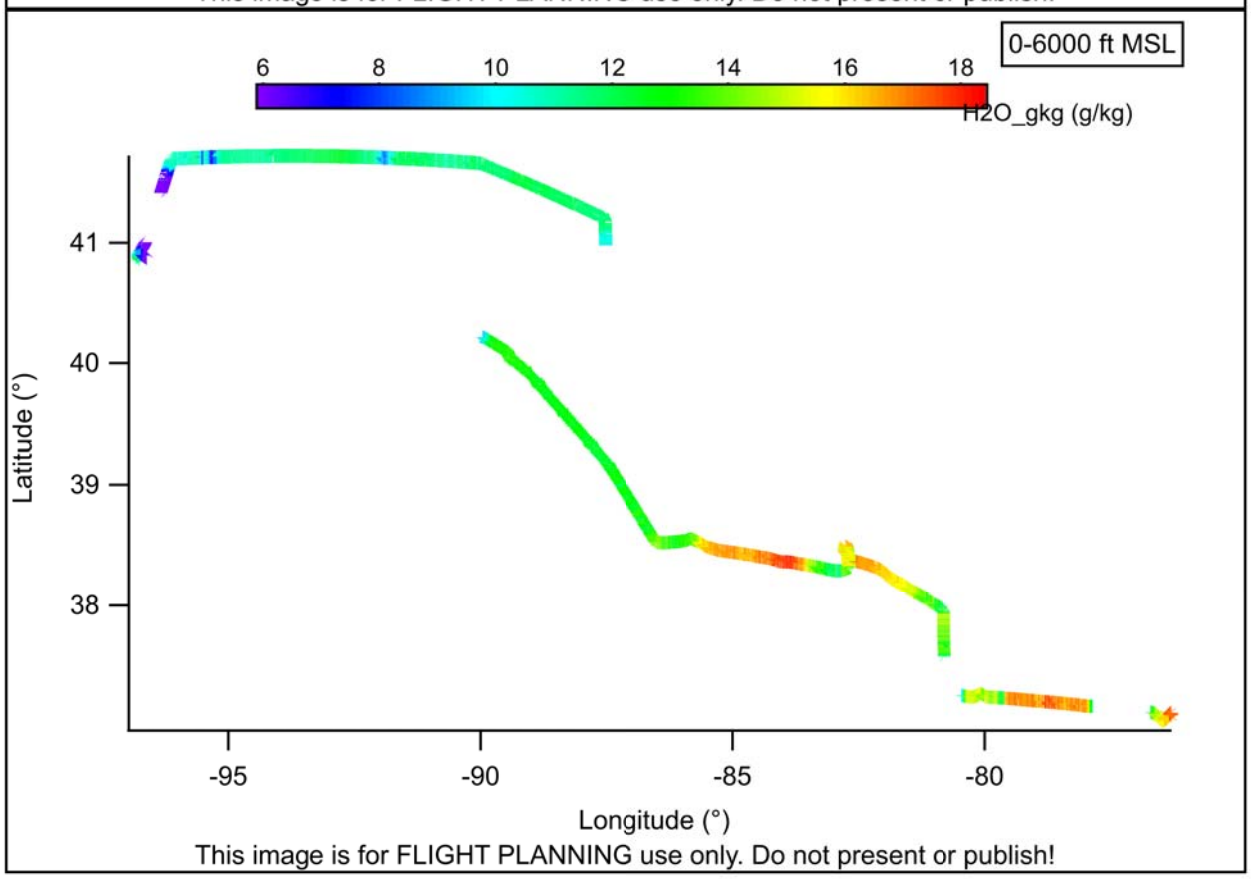
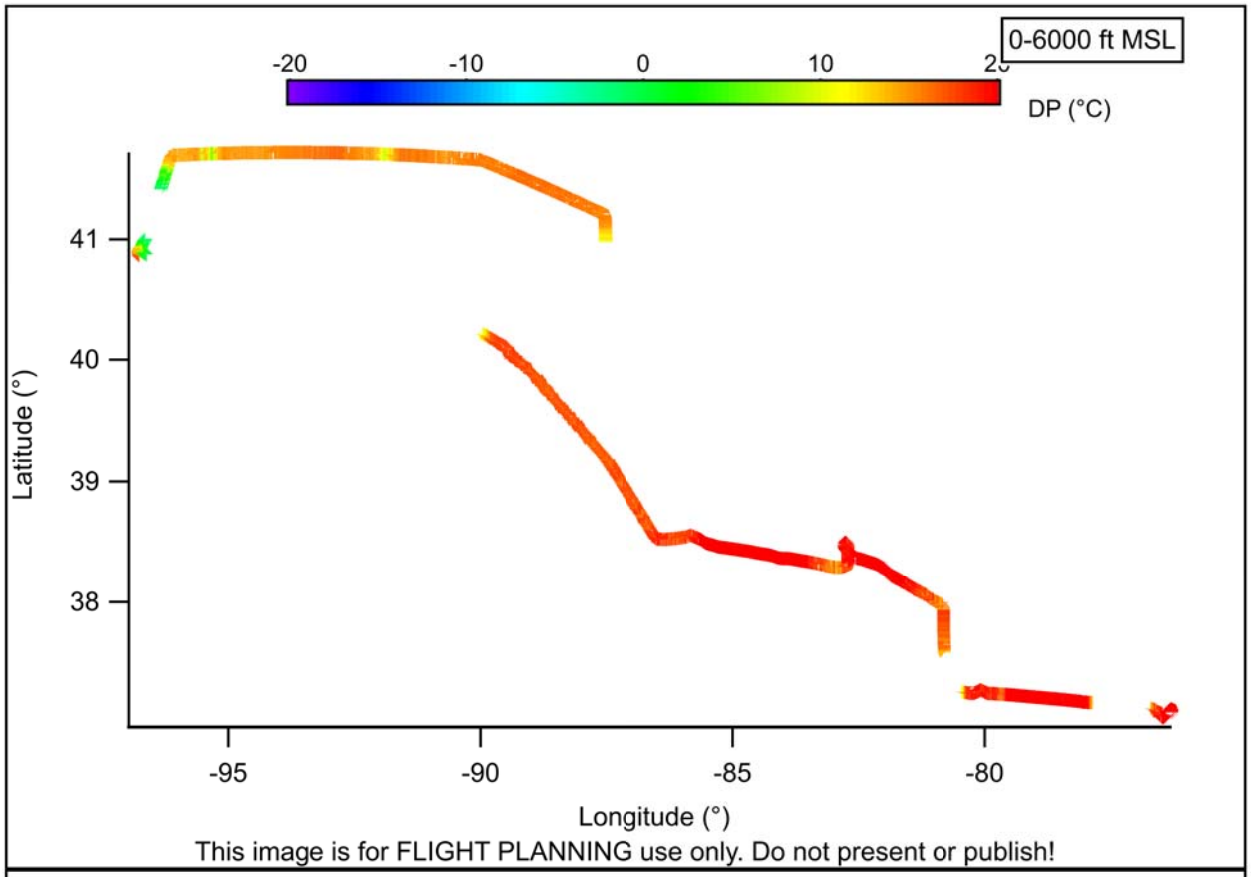

0-6000 ft MSL
6
8
10
12
14
16
18
H2O_gkg (g/kg)
41
40
39
38
Latitude (°)
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
-20
-10
0
10
DP (°C)
41
40
39
38
Latitude (°)
-95
-90
-85
-80
Longitude (°)
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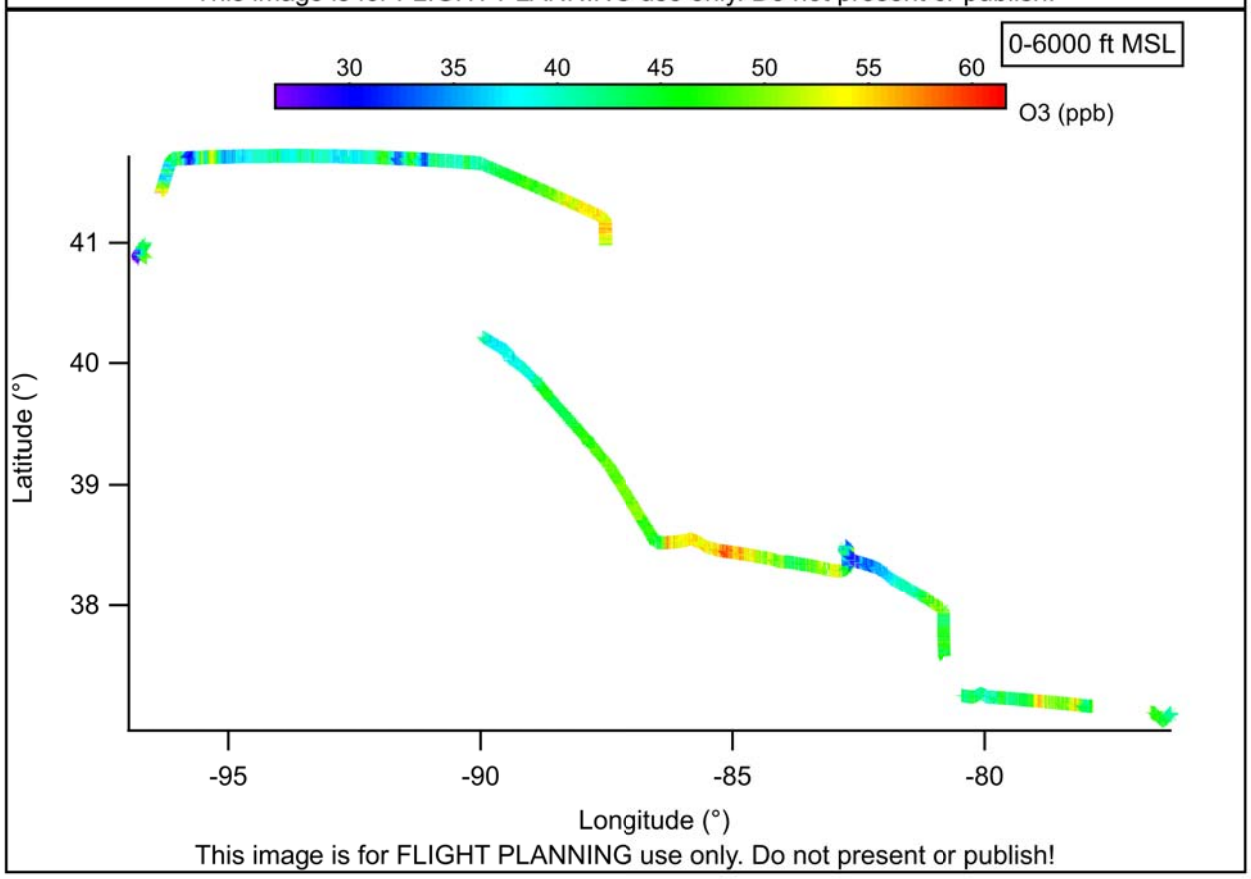
0-6000 ft MSL
30
35
40
45
50
55
60
O3 (ppb)
41
40
39
38
Latitude (°)
-95
-90
-85
-80
Longitude (°)
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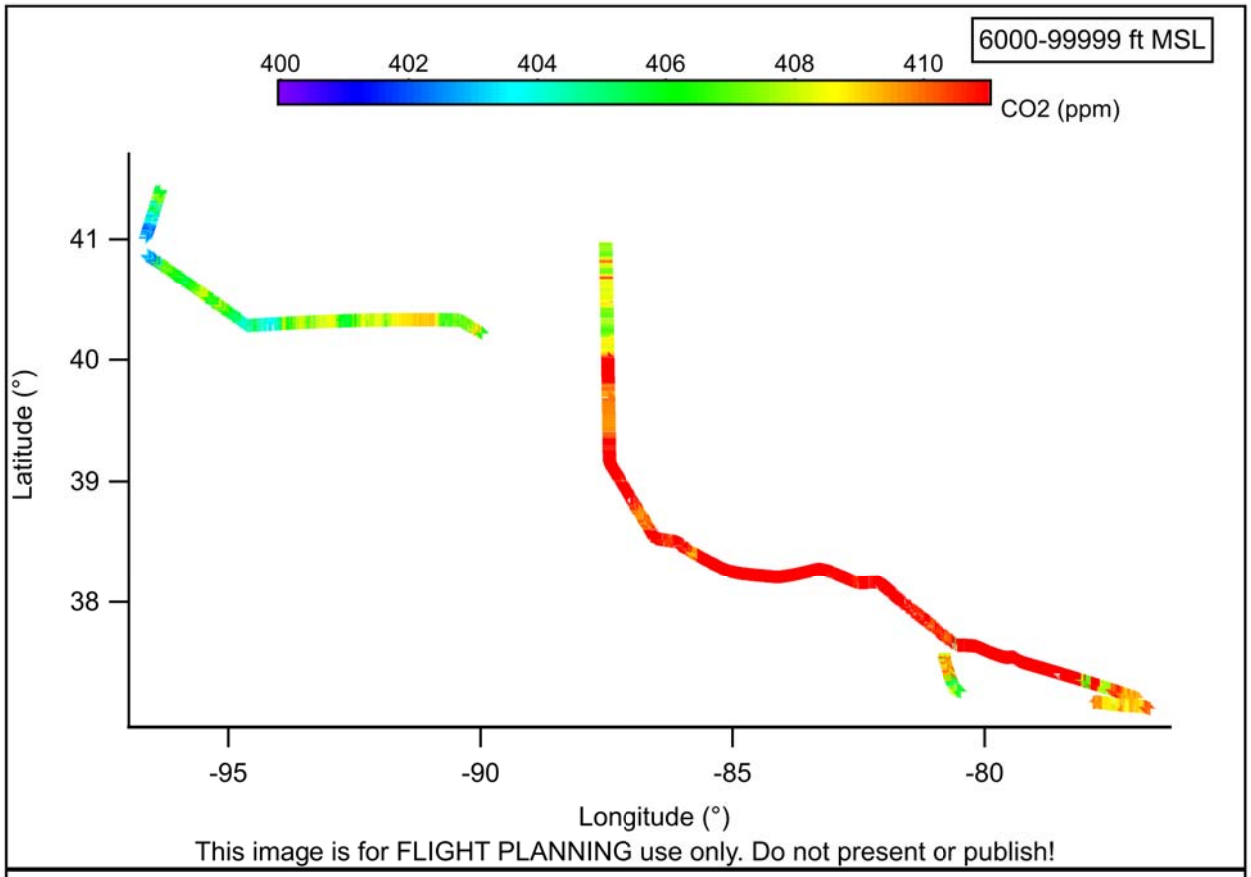
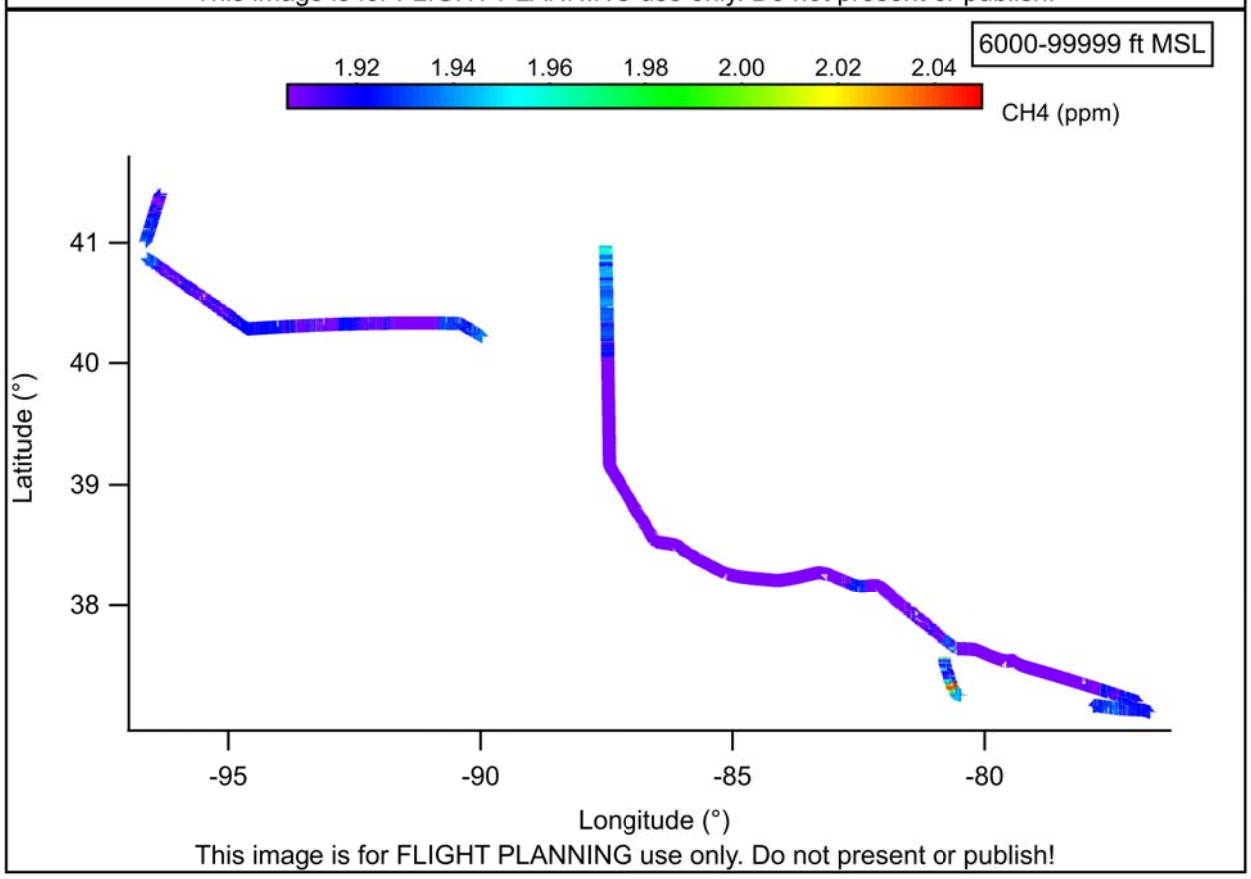
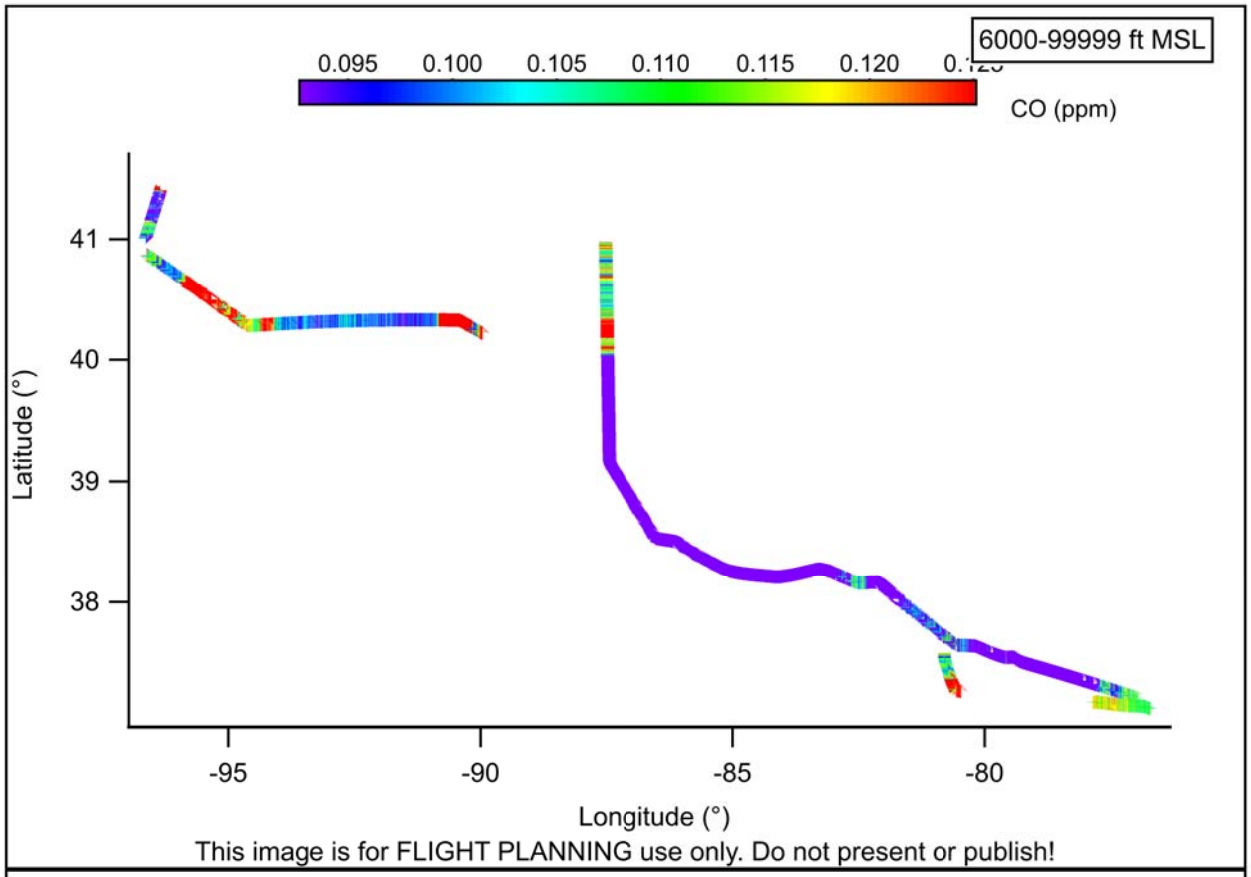
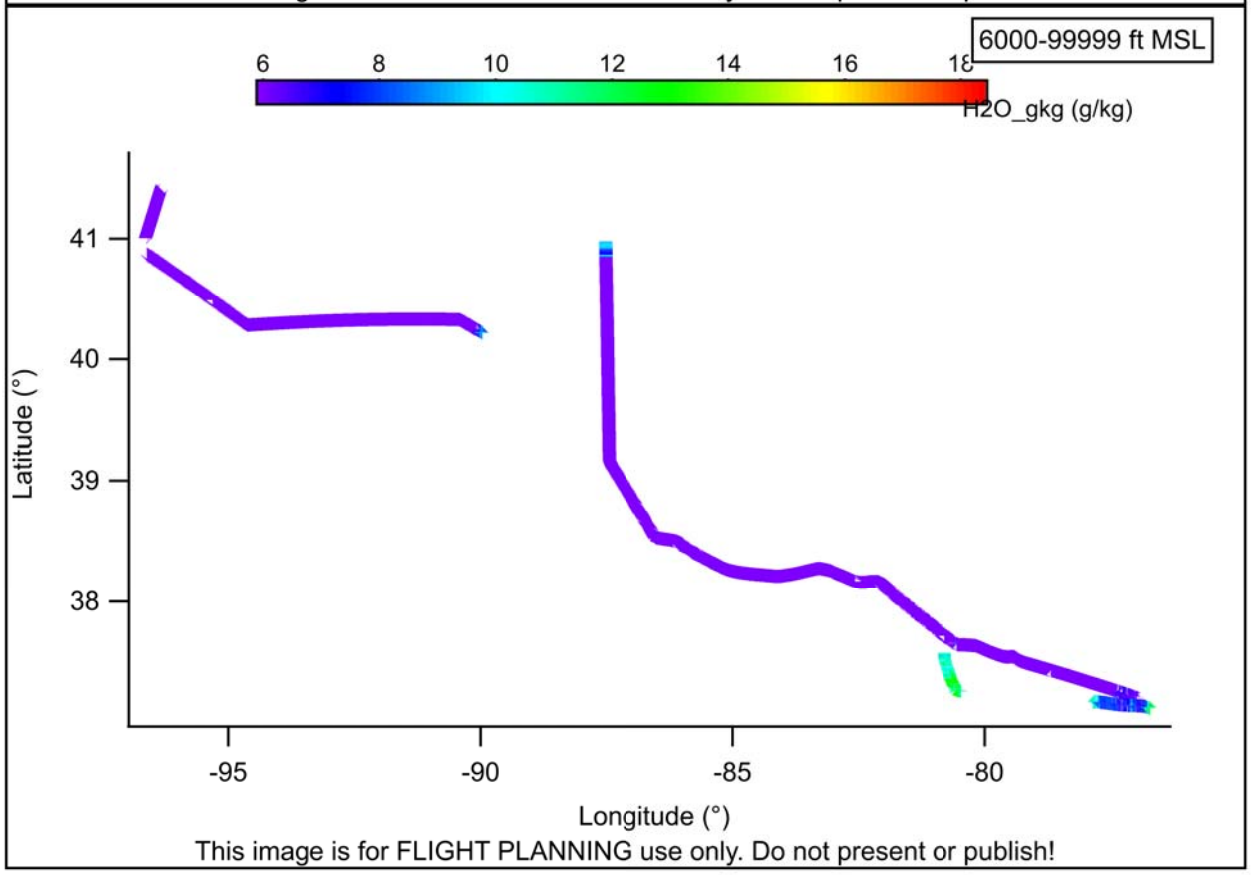
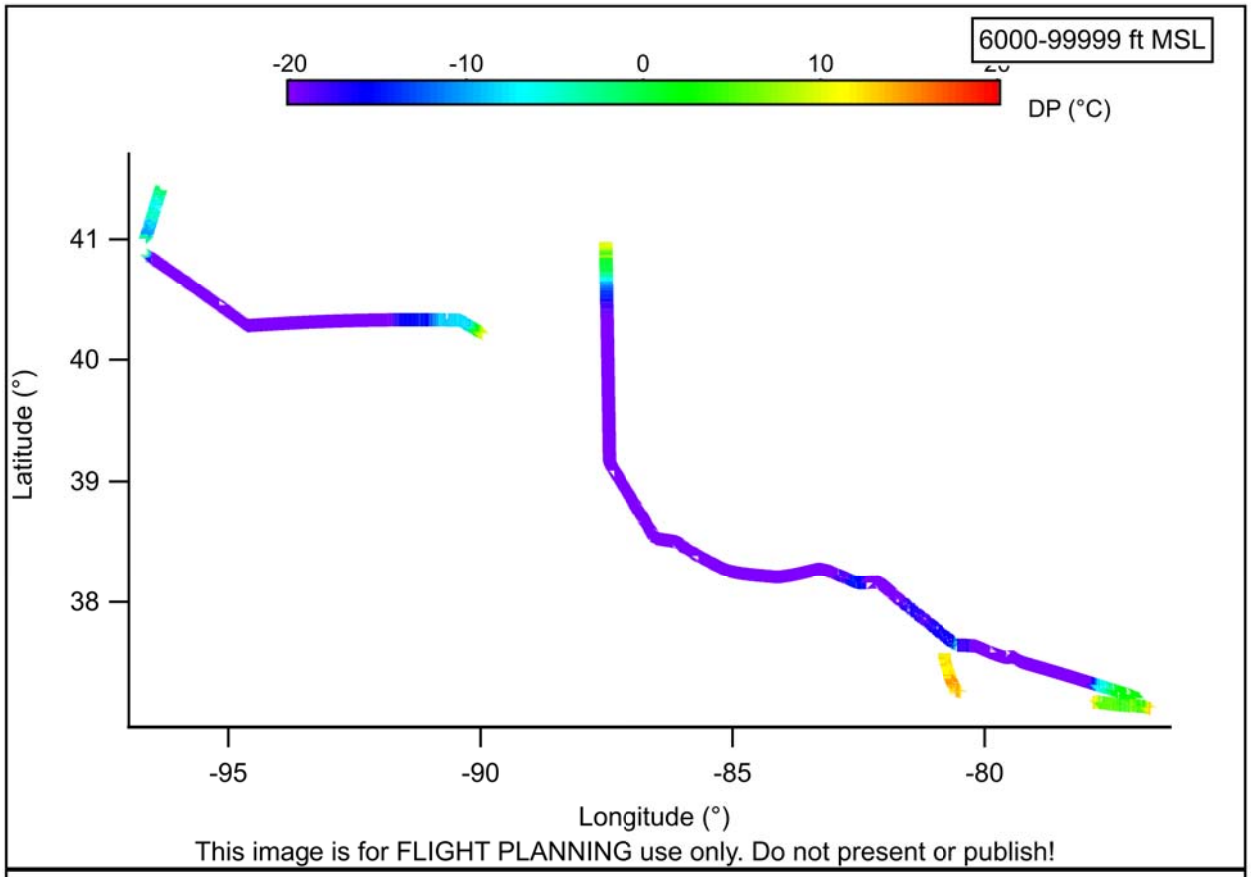
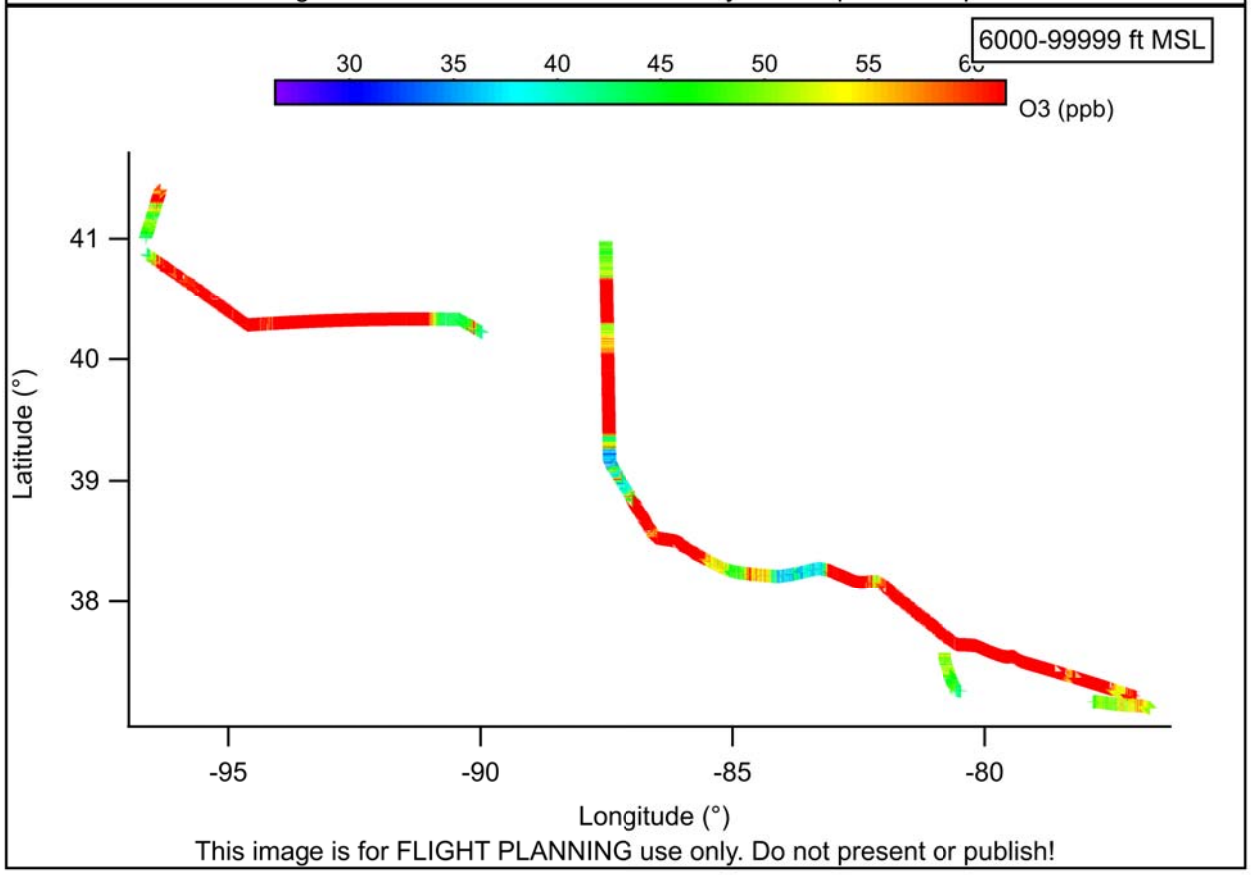

6000-99999 ft MSL
400
402
404
406
408
410
CO2 (ppm)
41
40
39
38
Latitude (°)
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

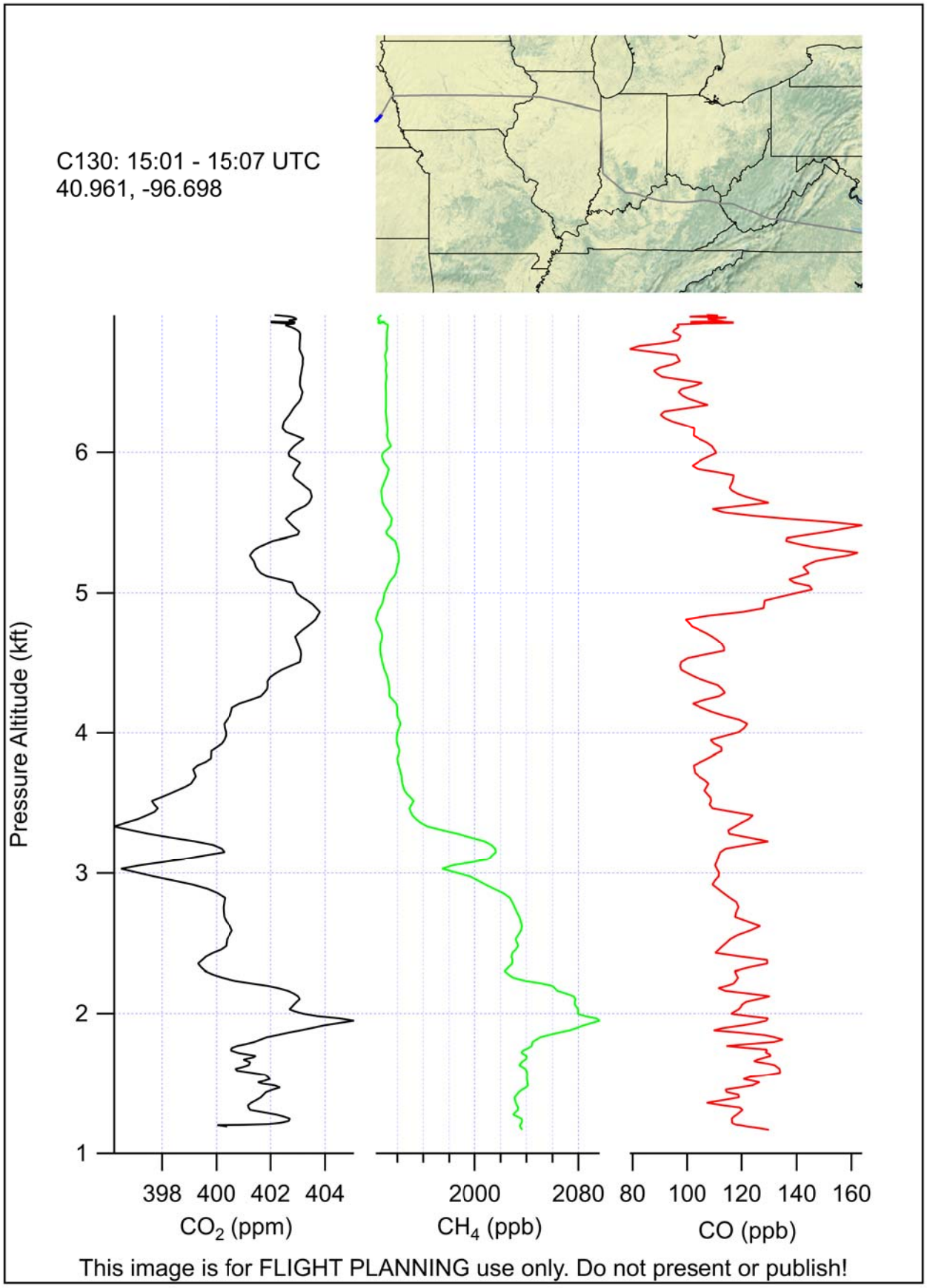

6000-99999 ft MSL
1.92
1.94
1.96
1.98
2.00
2.02
2.04
CH4 (ppm)
41
40
39
38
Latitude (°)
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

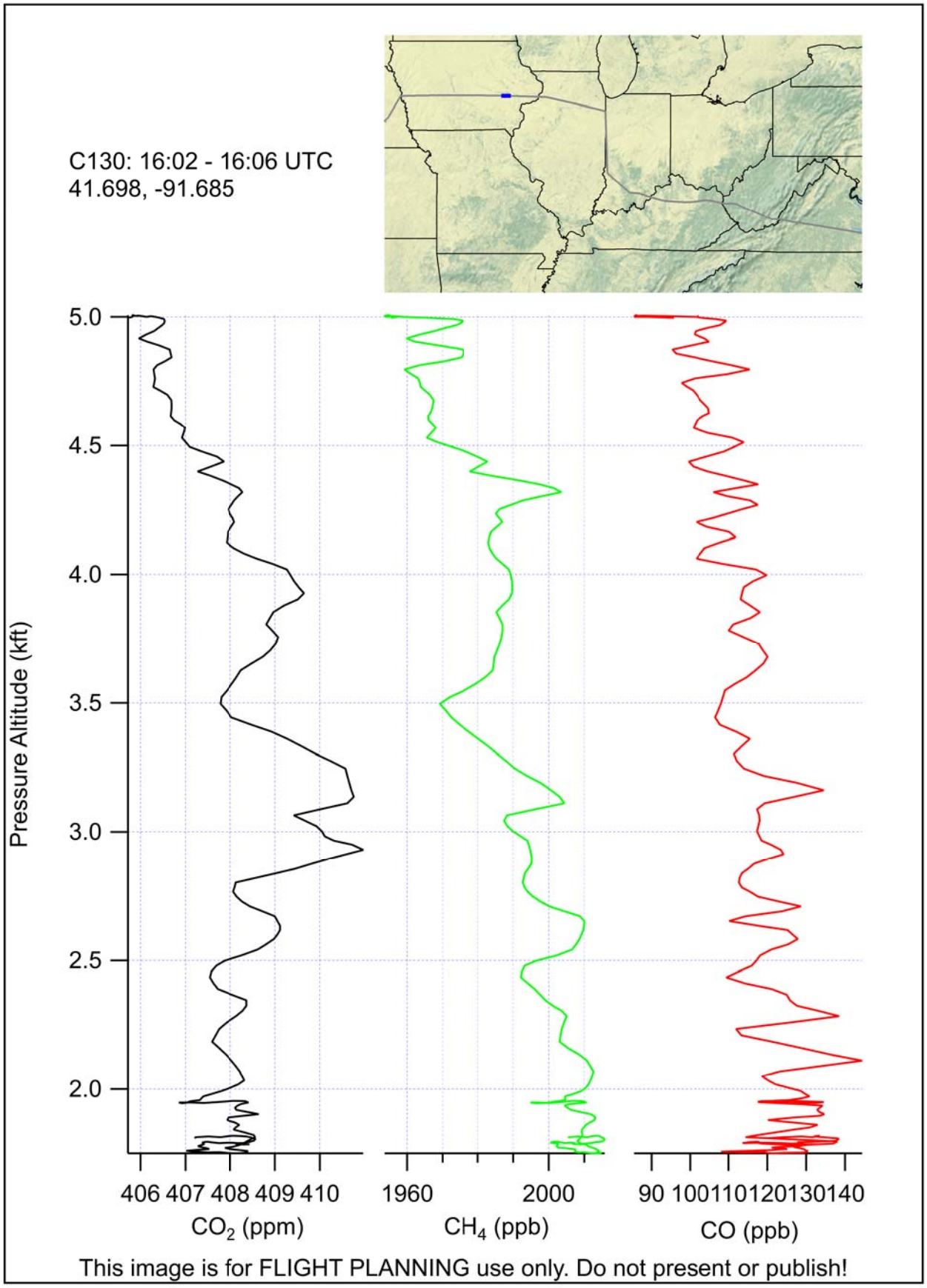

6000-99999 ft MSL
0.095
0.100
0.105
0.110
0.115
0.120
CO (ppm)
41
40
39
38
Latitude (°)
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
6
8
10
12
14
16
H2O_gkg (g/kg)
41
40
39
38
Latitude (°)
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
-20
-10
0
10
DP (°C)
41
40
39
38
Latitude (°)
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
30
35
40
45
50
55
O3 (ppb)
41
40
39
38
Latitude (°)
-95
-90
-85
-80
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 15:01 - 15:07 UTC
40.961, -96.698
Pressure Altitude (kft)
1
2
3
4
5
6
398 400 402 404
CO2 (ppm)
2000 2080
CH4 (ppb)
80 100 120 140 160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:02 - 16:06 UTC
41.698, -91.685
Pressure Altitude (kft)
5.0
4.5
4.0
3.5
3.0
2.5
2.0
406 407 408 409 410
CO2 (ppm)
1960
2000
CH4 (ppb)
90 100110120130140
CO (ppb)
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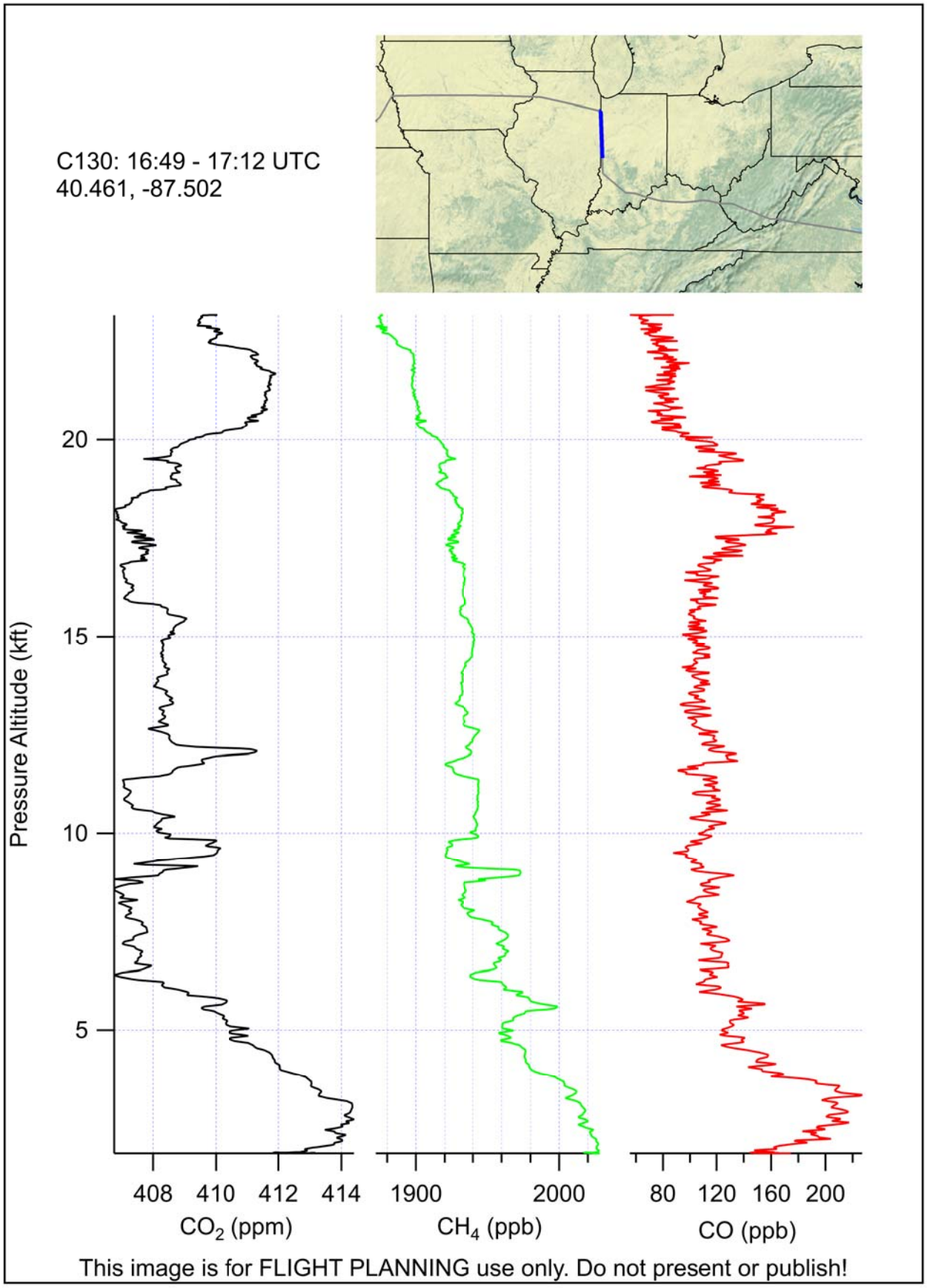
C130: 16:49 - 17:12 UTC
40.461, -87.502
Pressure Altitude (kft)
20
15
10
5
408
410
412
414
CO2 (ppm)
1900
2000
CH4 (ppb)
80
120
160
200
CO (ppb)
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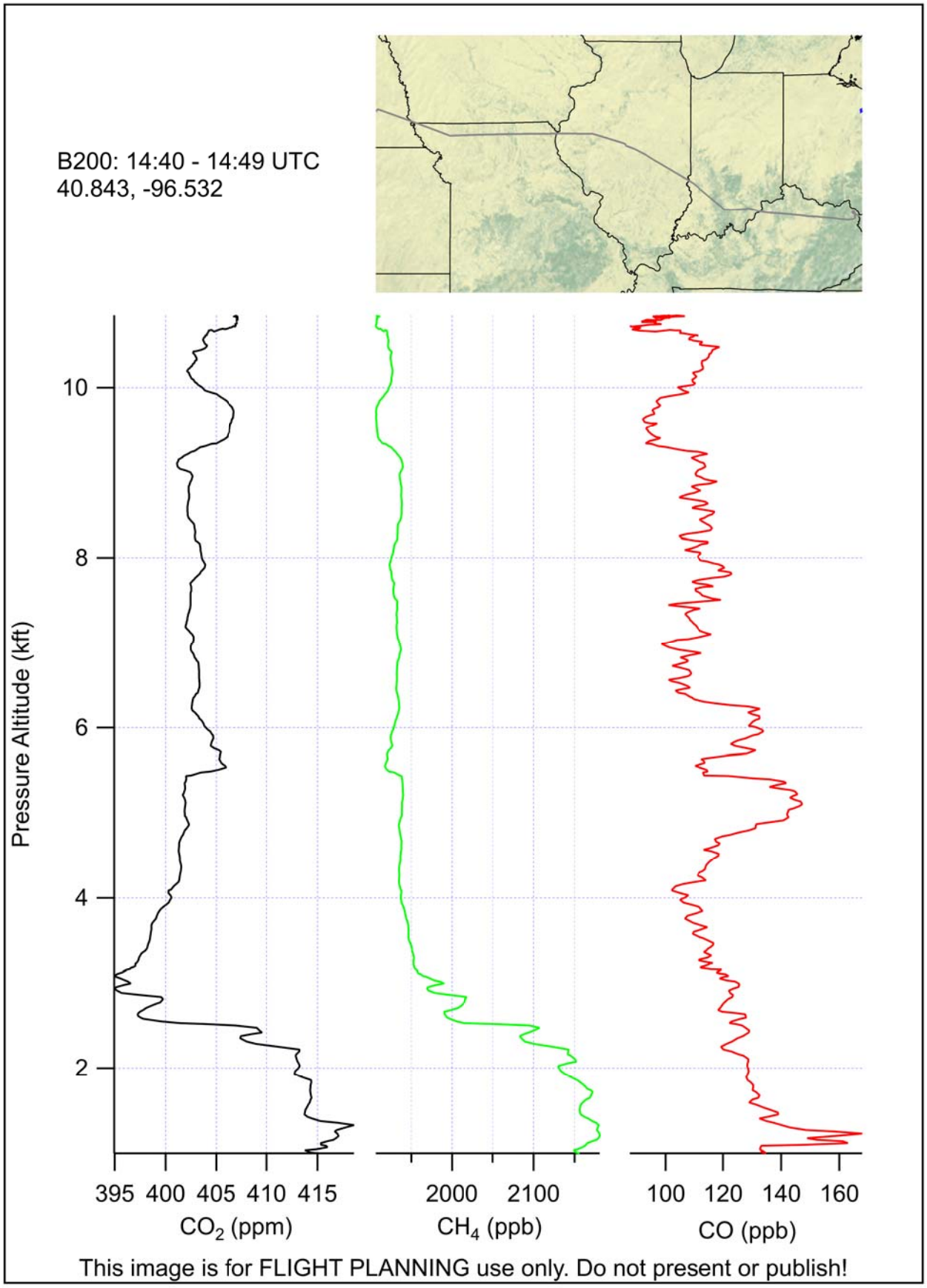
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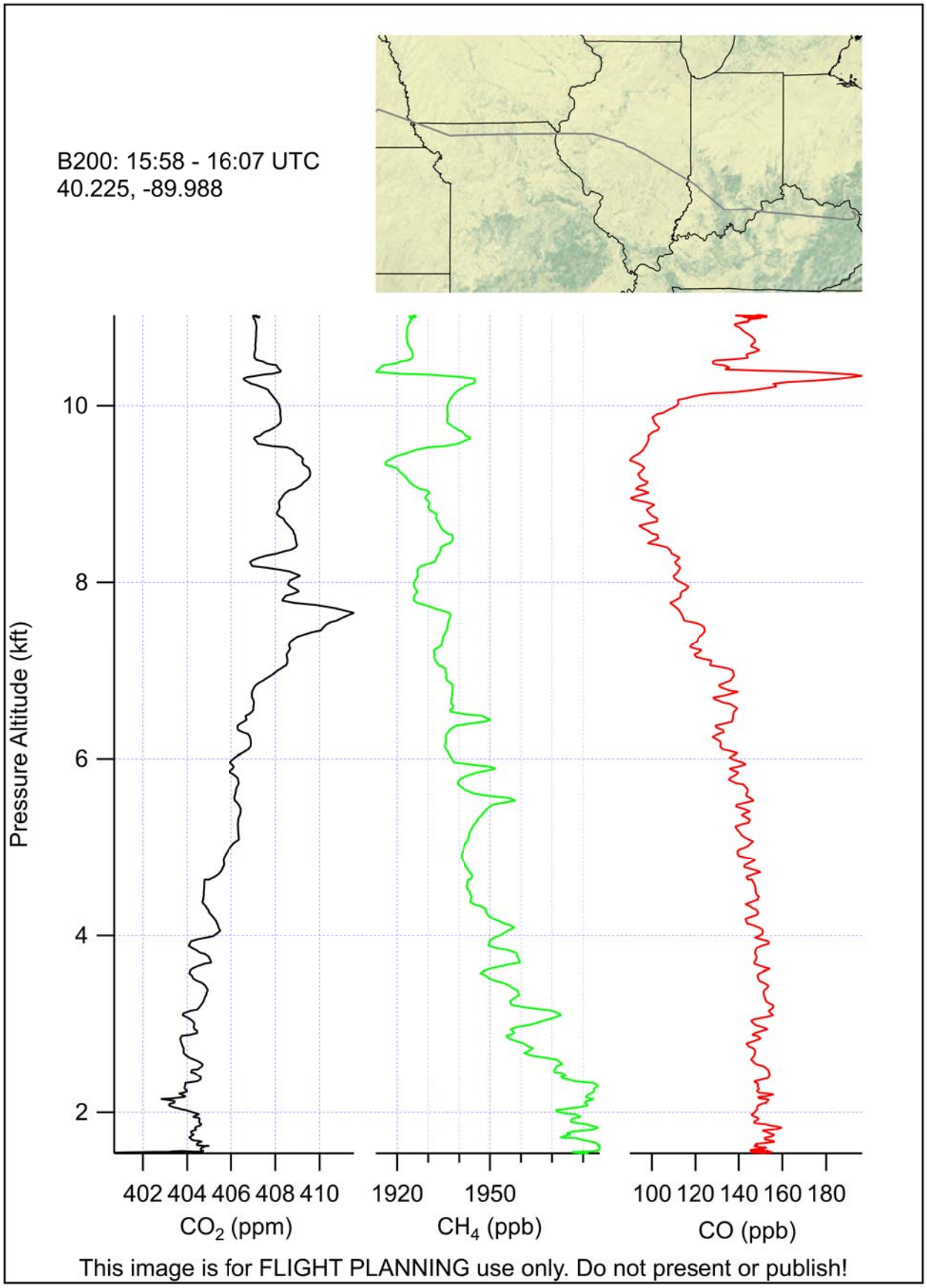
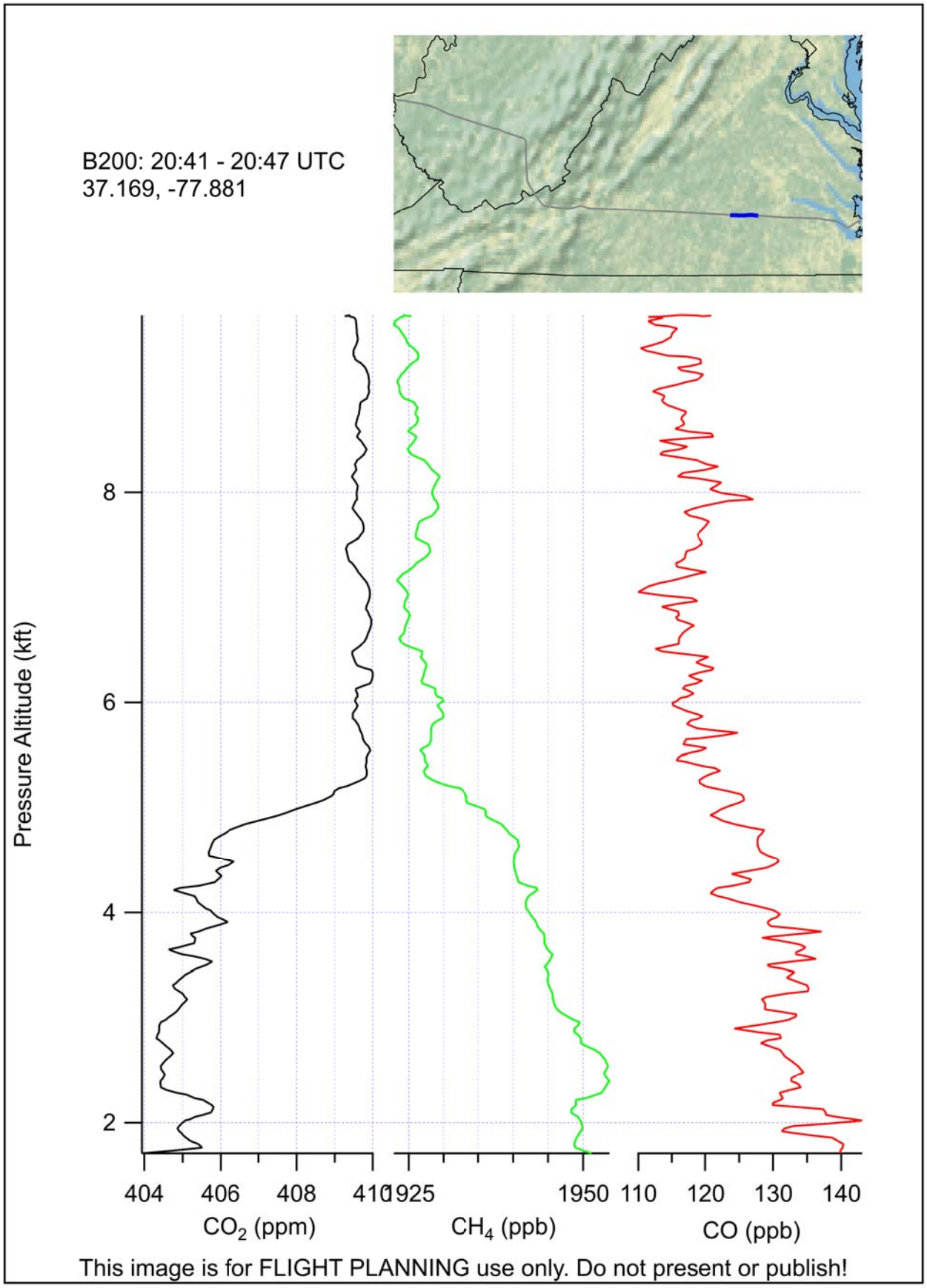
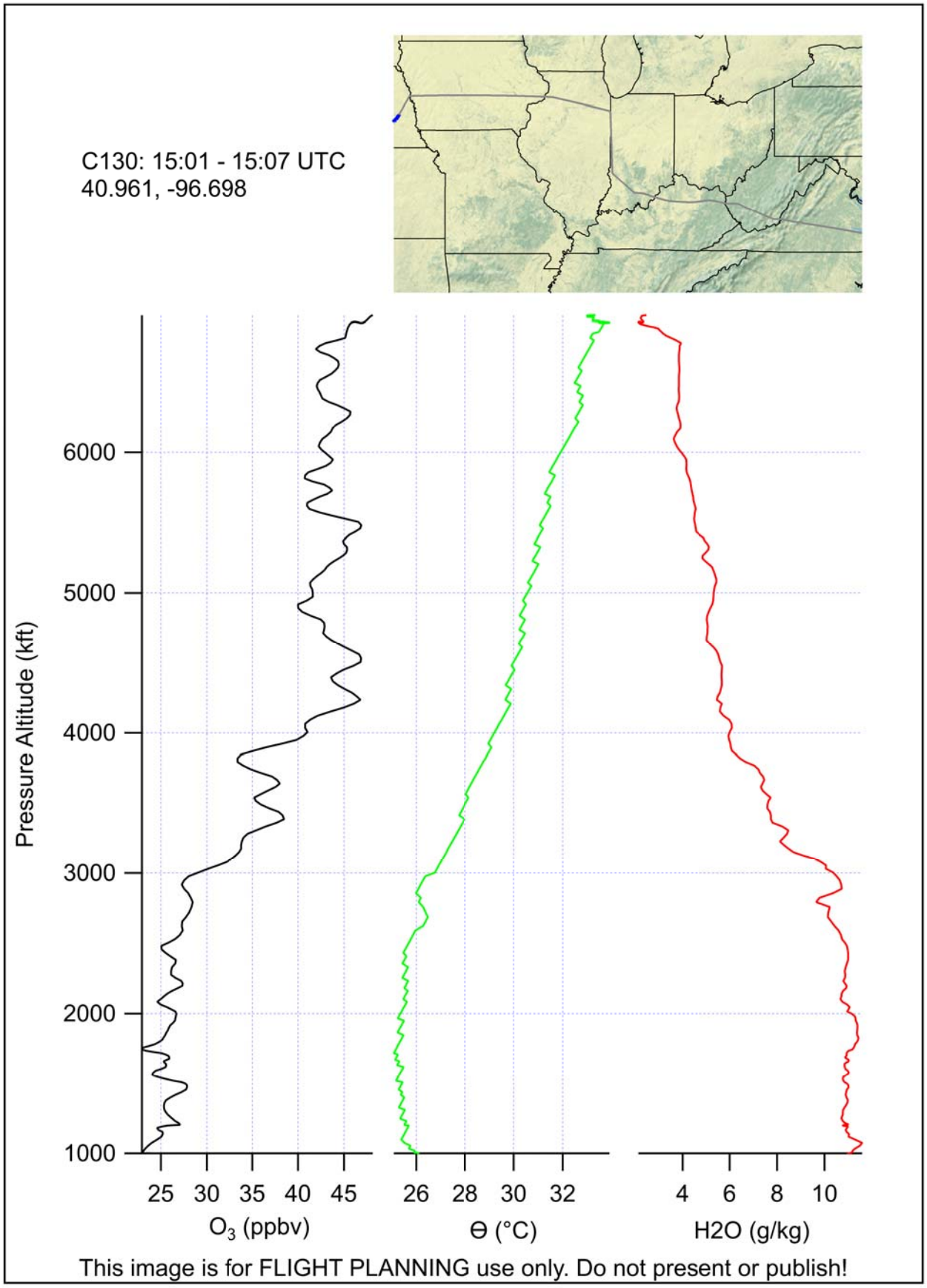
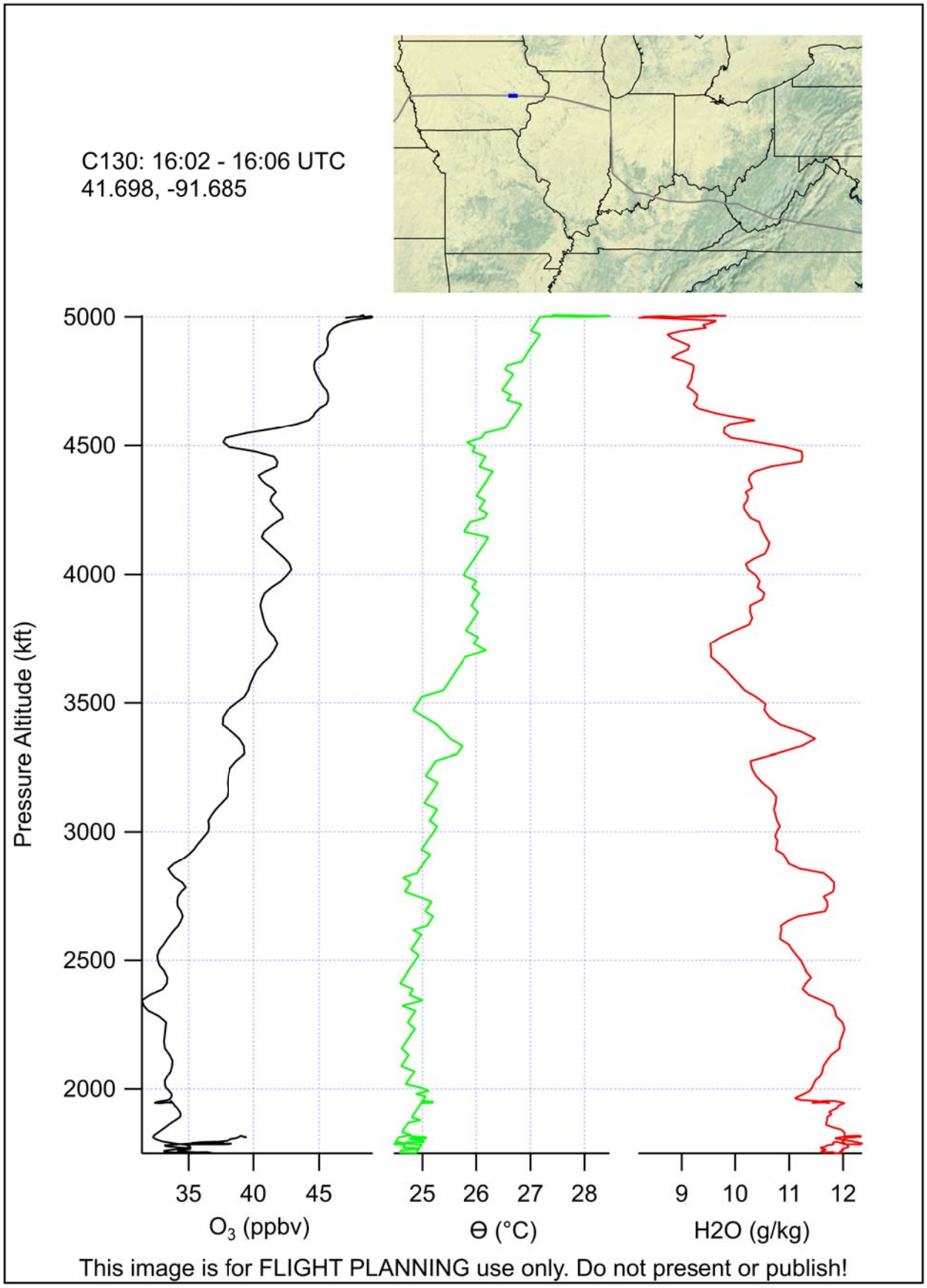
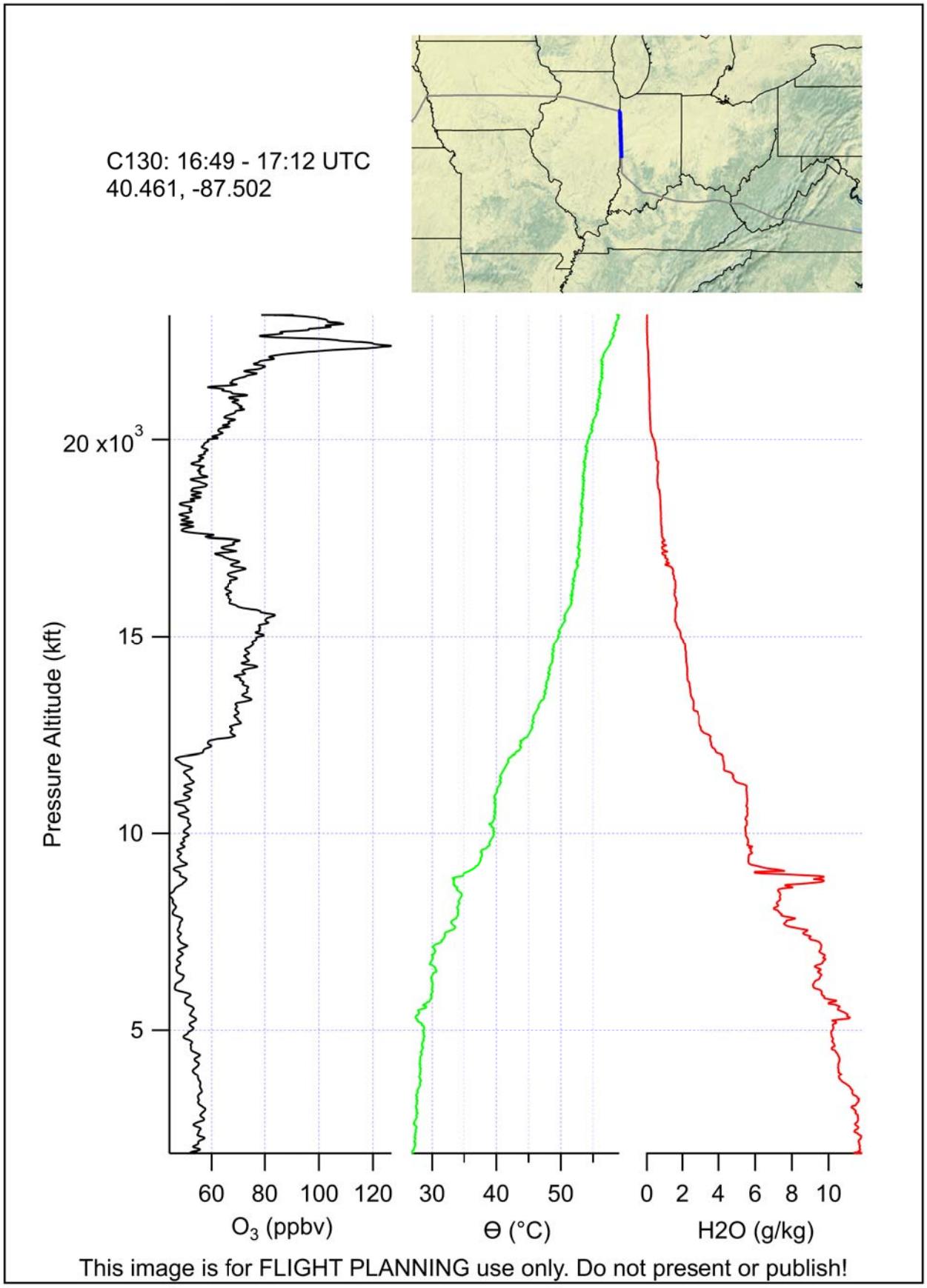
40.843, -96.532
Pressure Altitude (kft)
10
8
6
4
2
395 400 405 410 415
CO_2 (ppm)
2000 2100
CH_4 (ppb)
100 120 140 160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

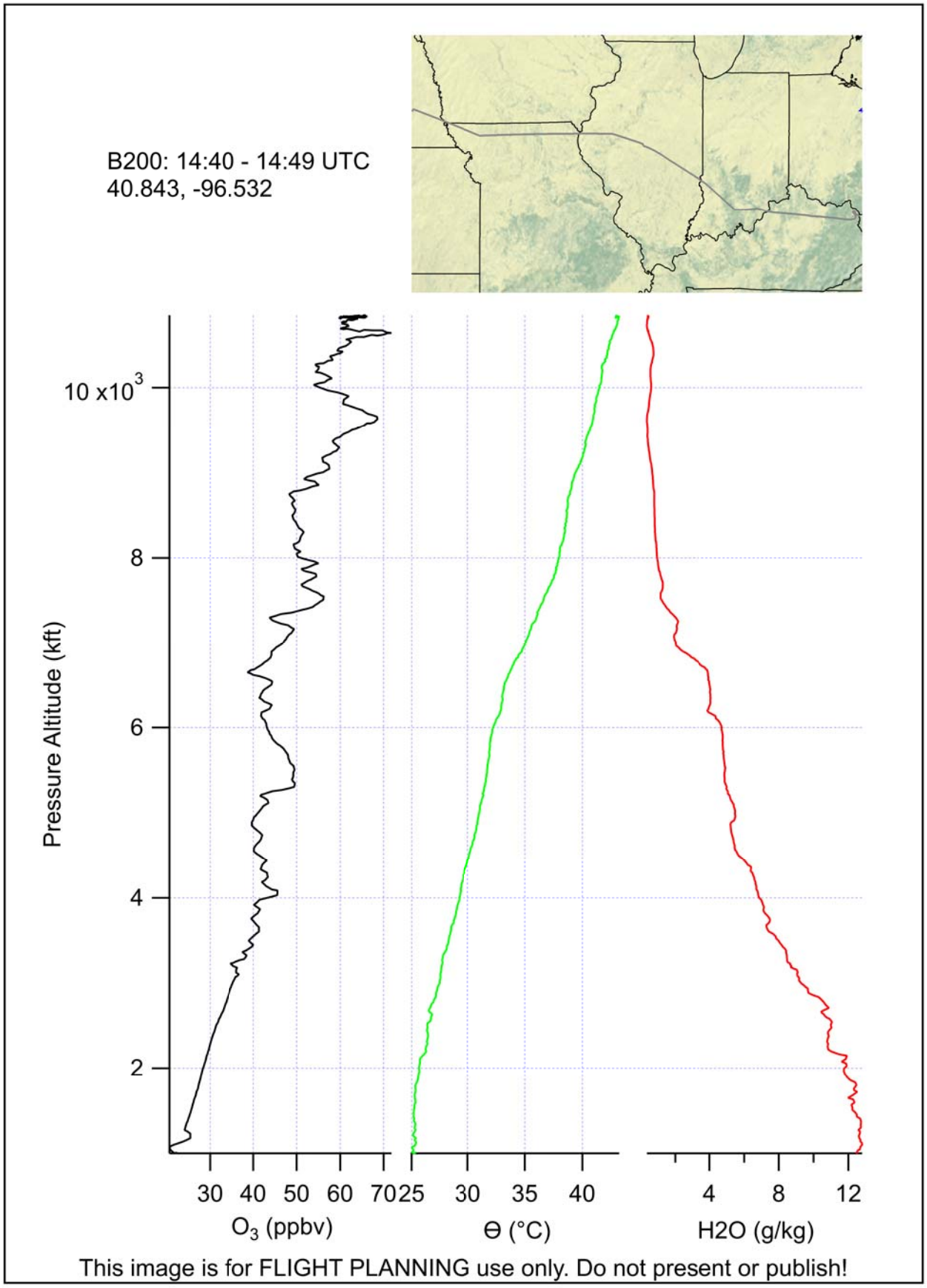

B200: 15:58 - 16:07 UTC
40.225, -89.988
Pressure Altitude (kft)
10
8
6
4
2
402 404 406 408 410
CO2 (ppm)
1920 1950
CH4 (ppb)
100 120 140 160 180
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

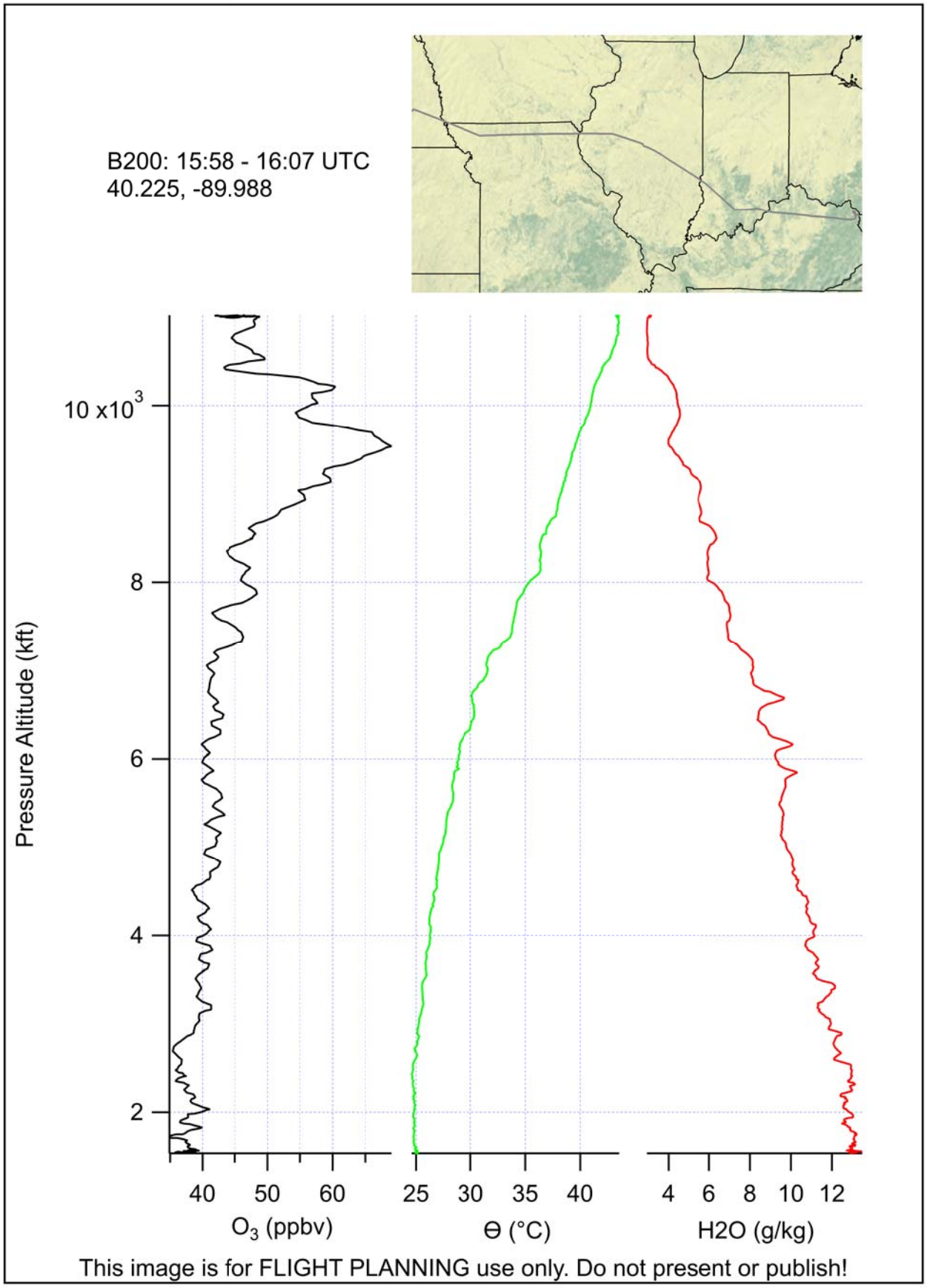

B200: 20:41 - 20:47 UTC
37.169, -77.881
Pressure Altitude (kft)
8
6
4
2
404
406
408
410
1925
1950
110
120
130
140
CO2 (ppm)
CH4 (ppb)
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 15:01 - 15:07 UTC
40.961, -96.698
Pressure Altitude (kft)
6000
5000
4000
3000
2000
1000
25 30 35 40 45
O3 (ppbv)
26 28 30 32
Θ (°C)
4 6 8 10
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:02 - 16:06 UTC
41.698, -91.685
Pressure Altitude (kft)
5000
4500
4000
3500
3000
2500
2000
35 40 45
O3 (ppbv)
25 26 27 28
Θ (°C)
9 10 11 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:49 - 17:12 UTC
40.461, -87.502
Pressure Altitude (kft)
20 x10^3
15
10
5
60 80 100 120
O3 (ppbv)
30 40 50
Θ (°C)
0 2 4 6 8 10
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 14:40 - 14:49 UTC
40.843, -96.532
Pressure Altitude (kft)
10 x10^3
8
6
4
2
30 40 50 60 70
O3 (ppbv)
25 30 35 40
Θ (°C)
4 8 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 15:58 - 16:07 UTC
40.225, -89.988
Pressure Altitude (kft)
10 x10^3
8
6
4
2
40 50 60
O3 (ppbv)
25 30 35 40
Θ (°C)
4 6 8 10 12
H2O (g/kg)
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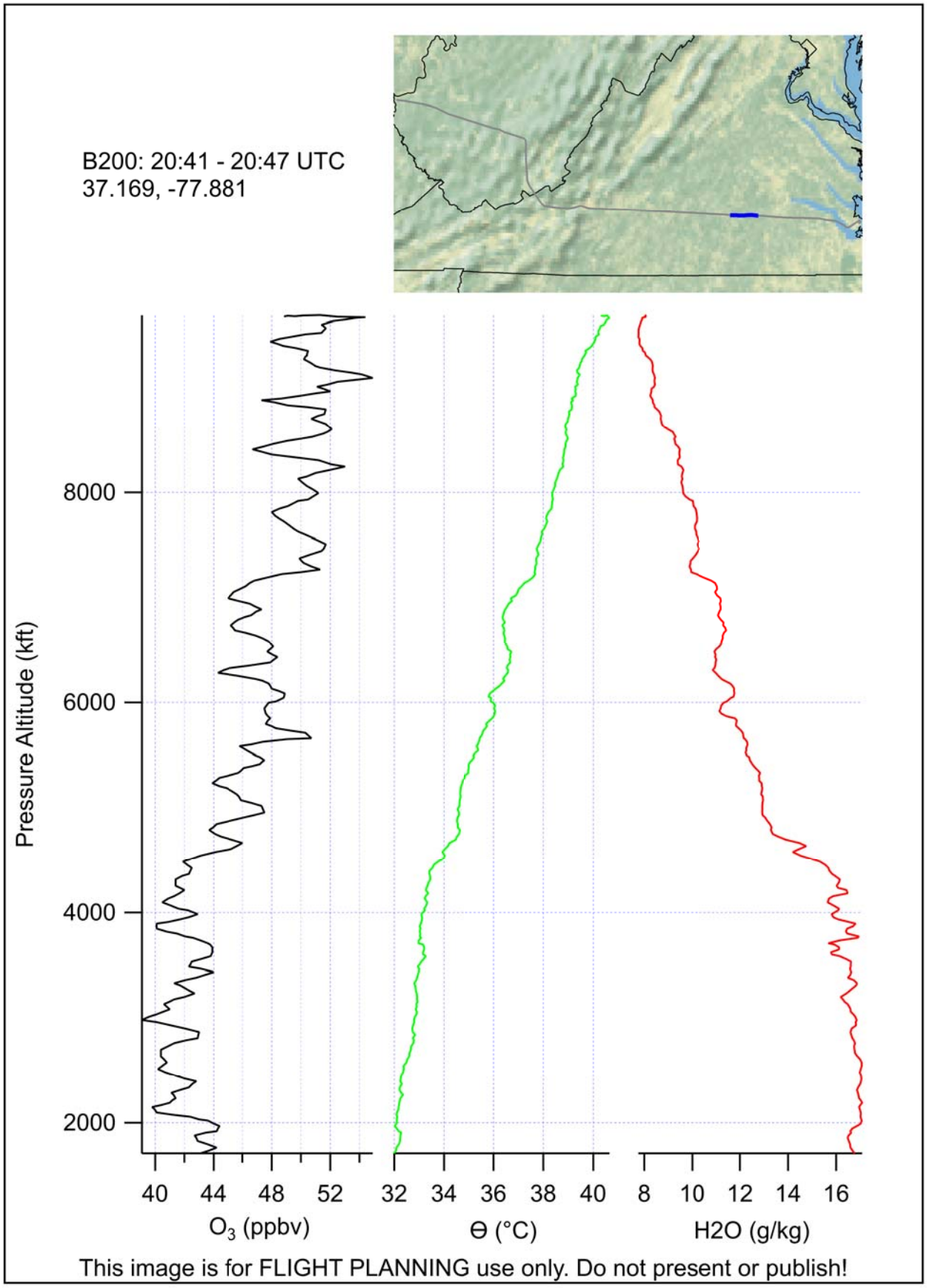
B200: 20:41 - 20:47 UTC
37.169, -77.881
Pressure Altitude (kft)
8000
6000
4000
2000
40 44 48 52
O3 (ppbv)
32 34 36 38 40
Θ (°C)
8 10 12 14 16
H2O (g/kg)
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