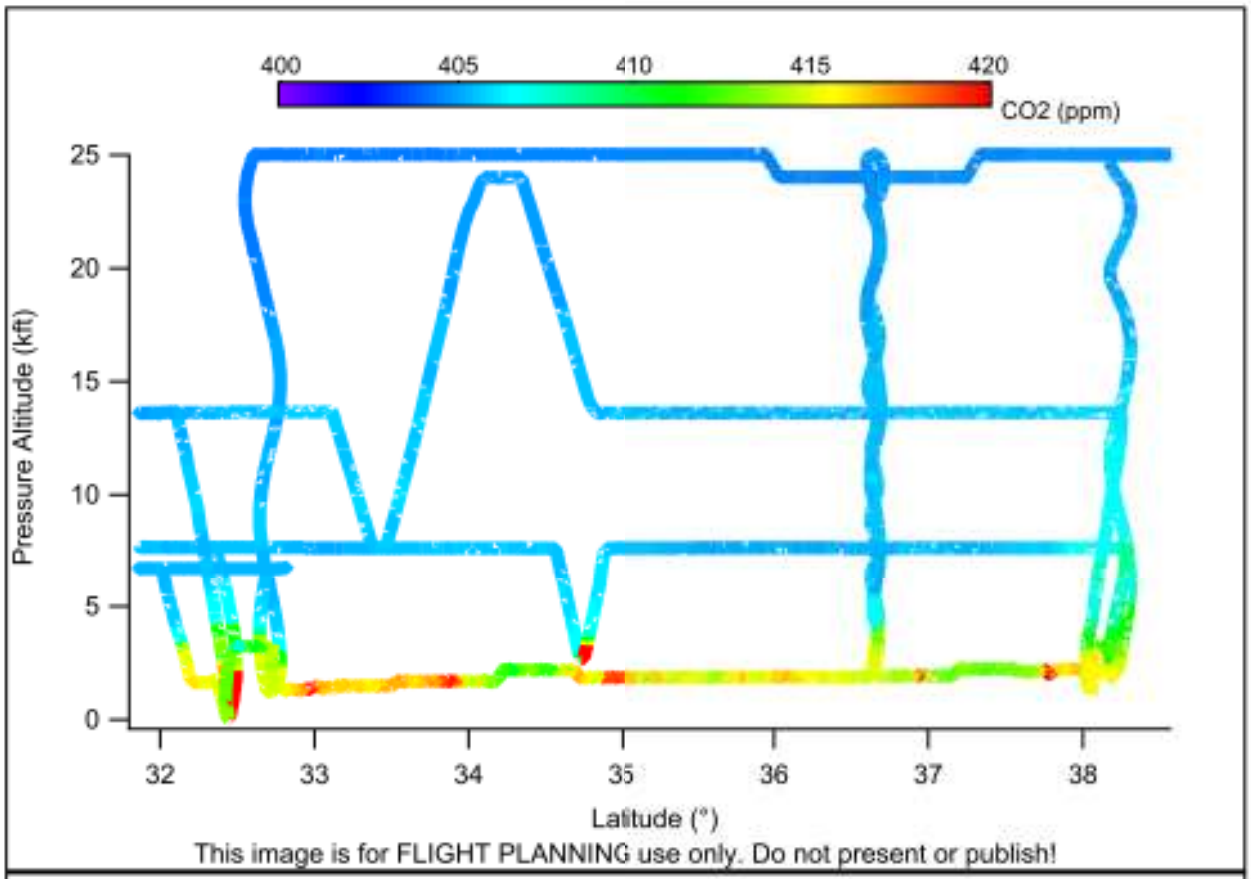
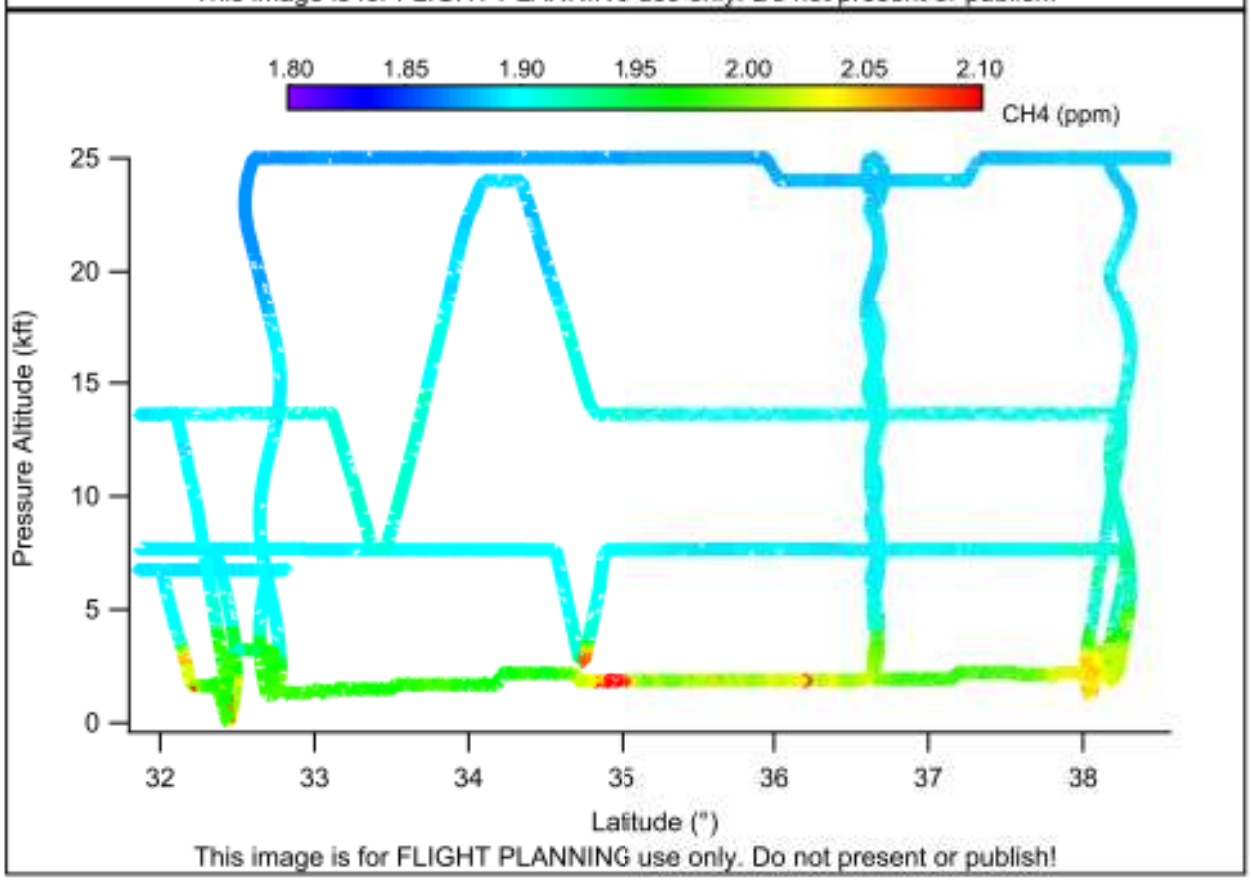
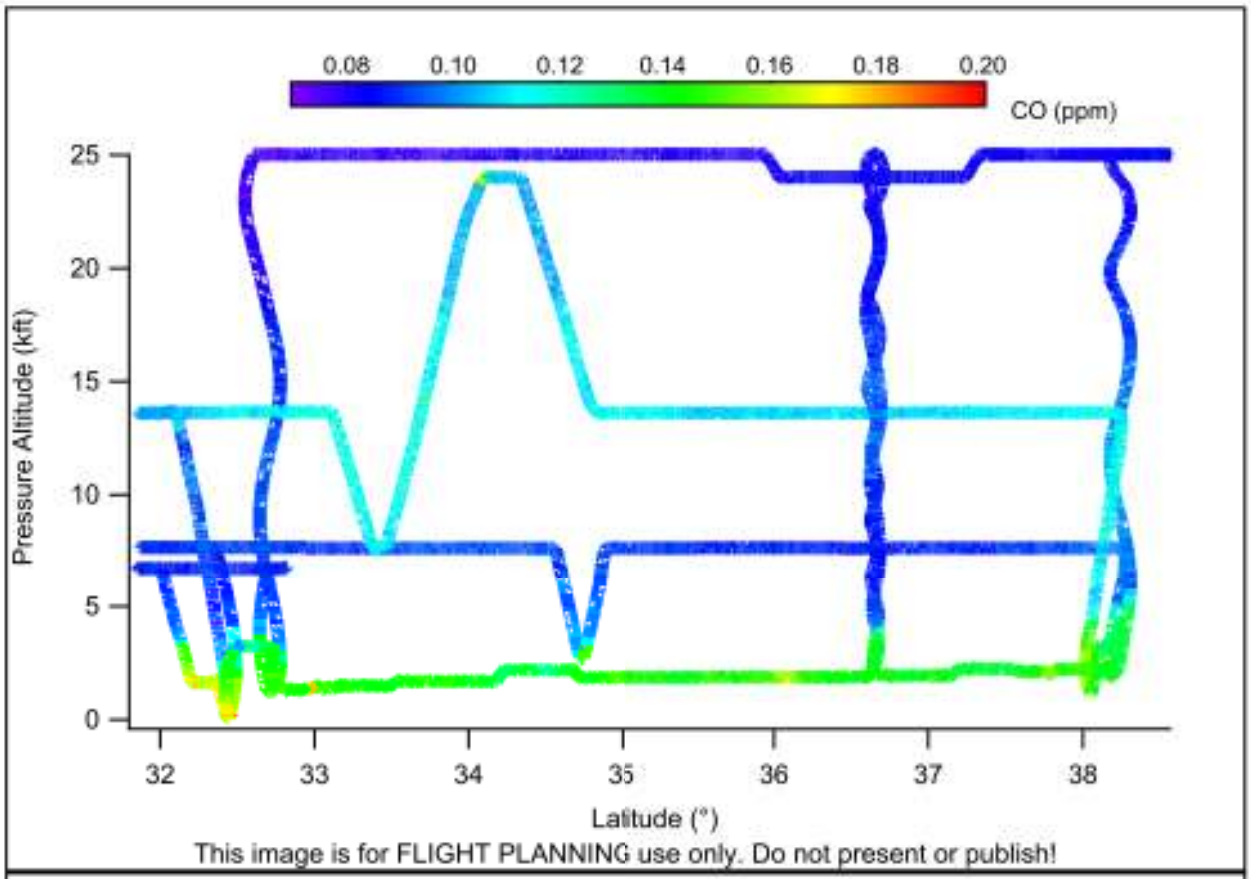
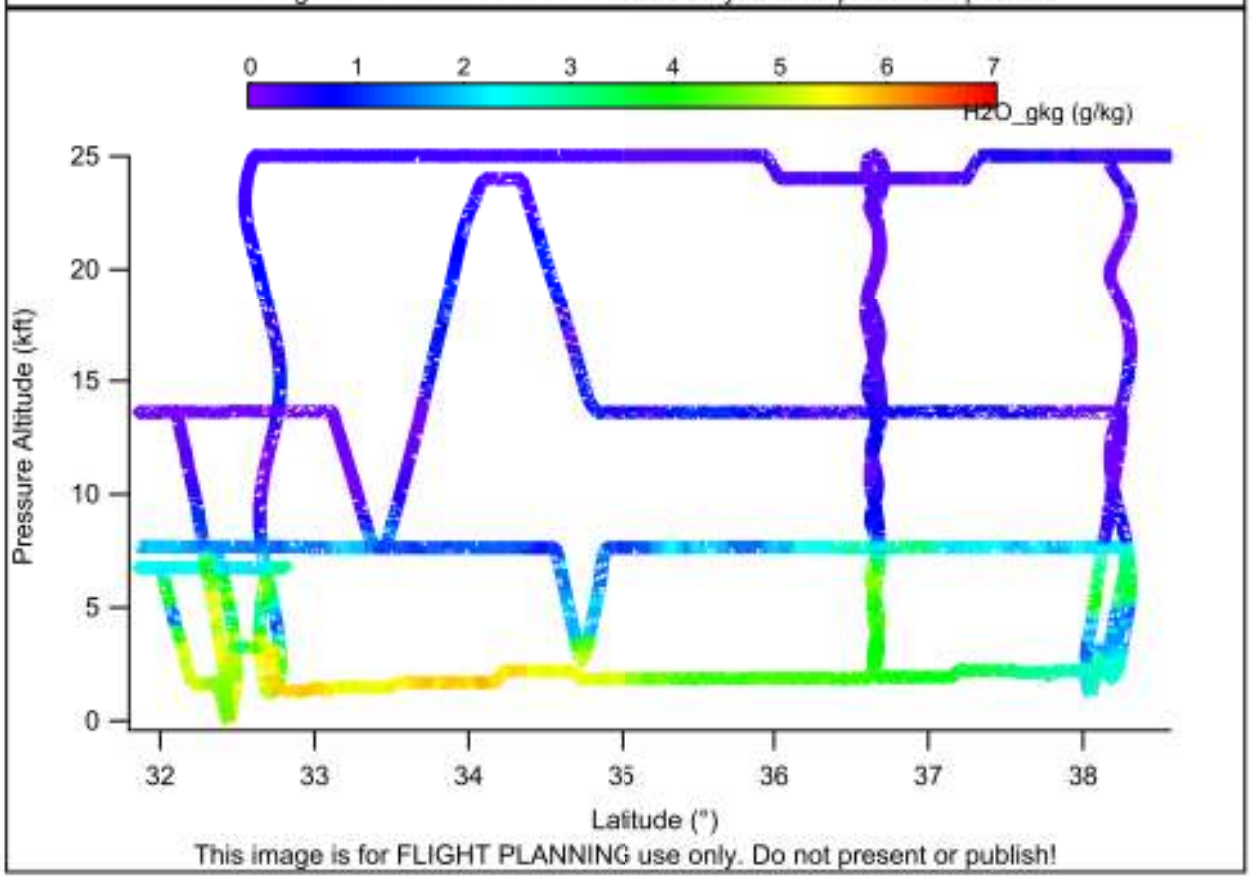
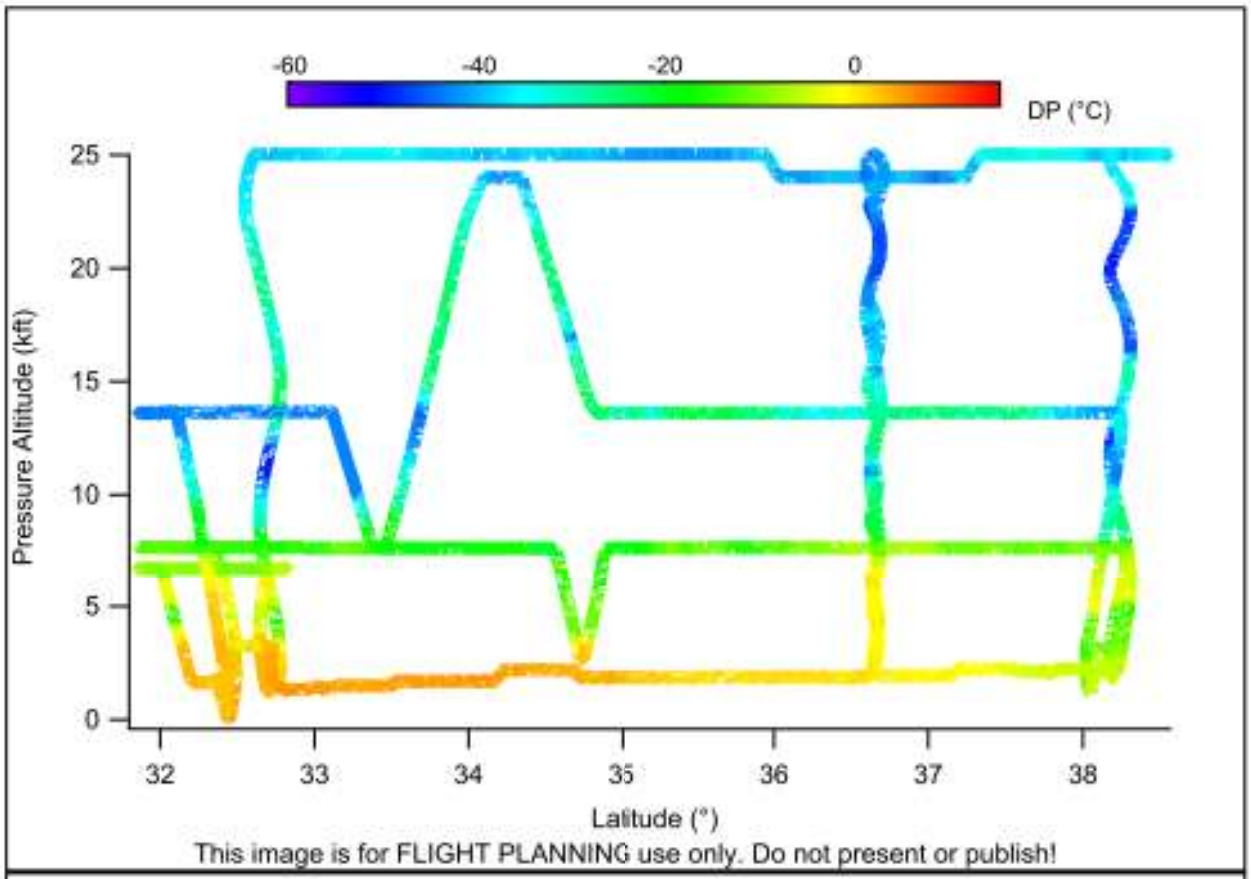
ACT-America 20171109

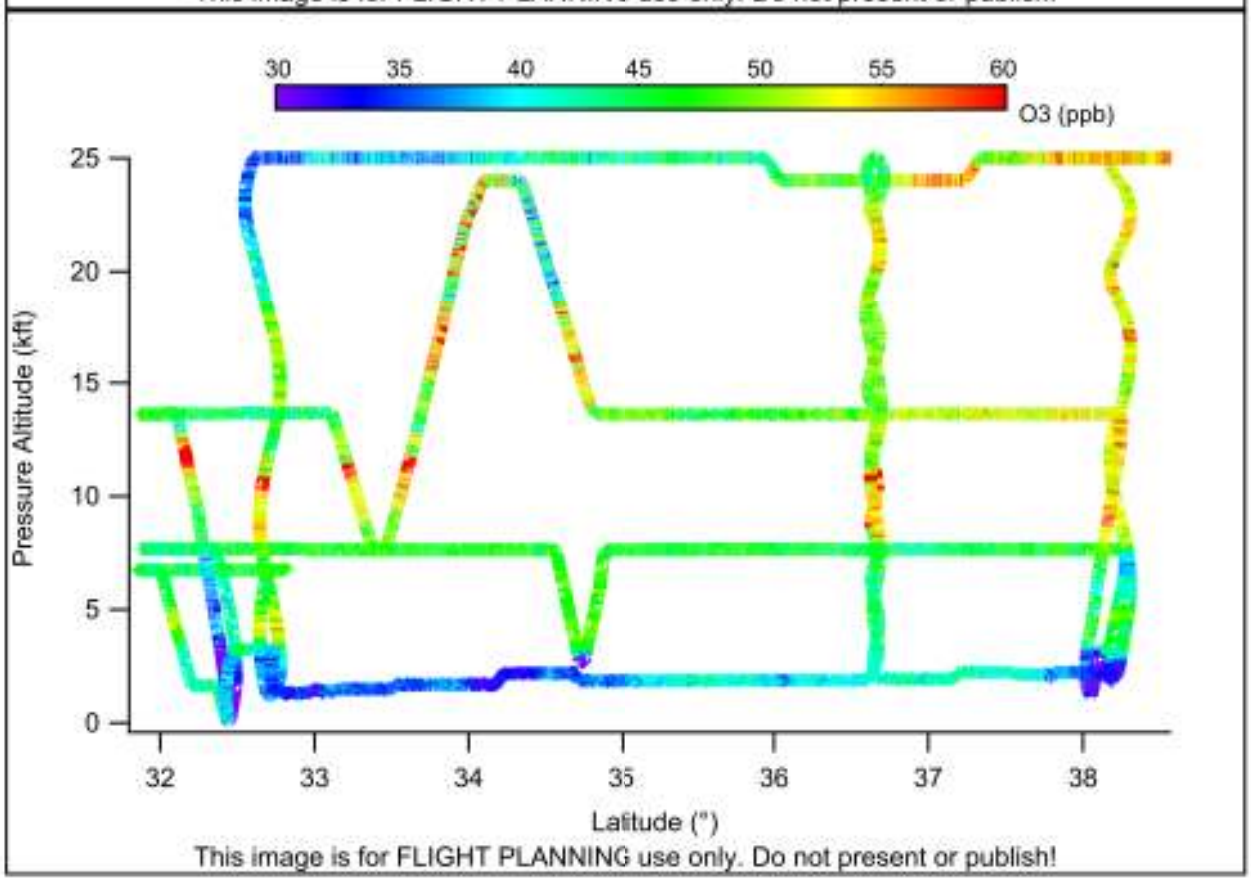

400
405
410
415
420
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
32
33
34
35
36
37
38
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

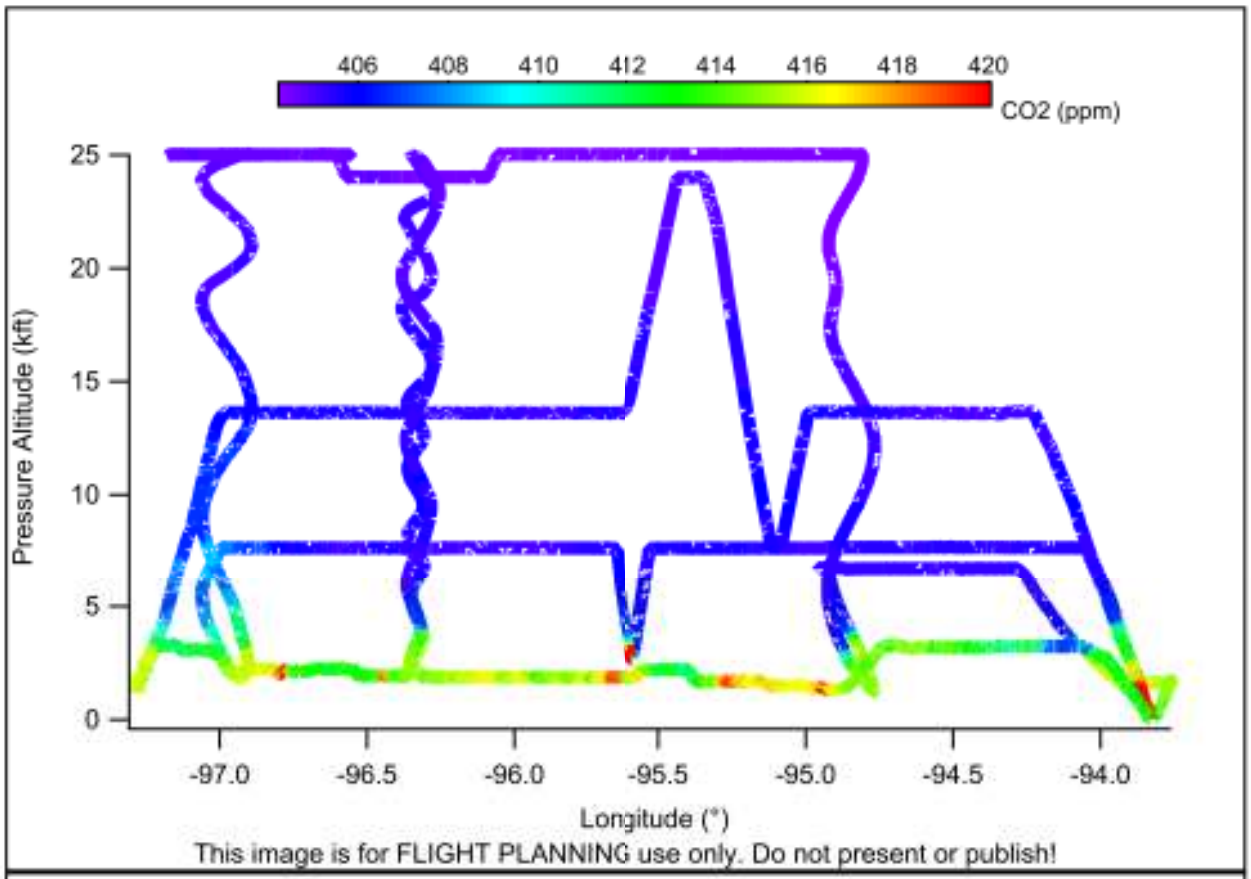

1.80
1.85
1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
32
33
34
35
36
37
38
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

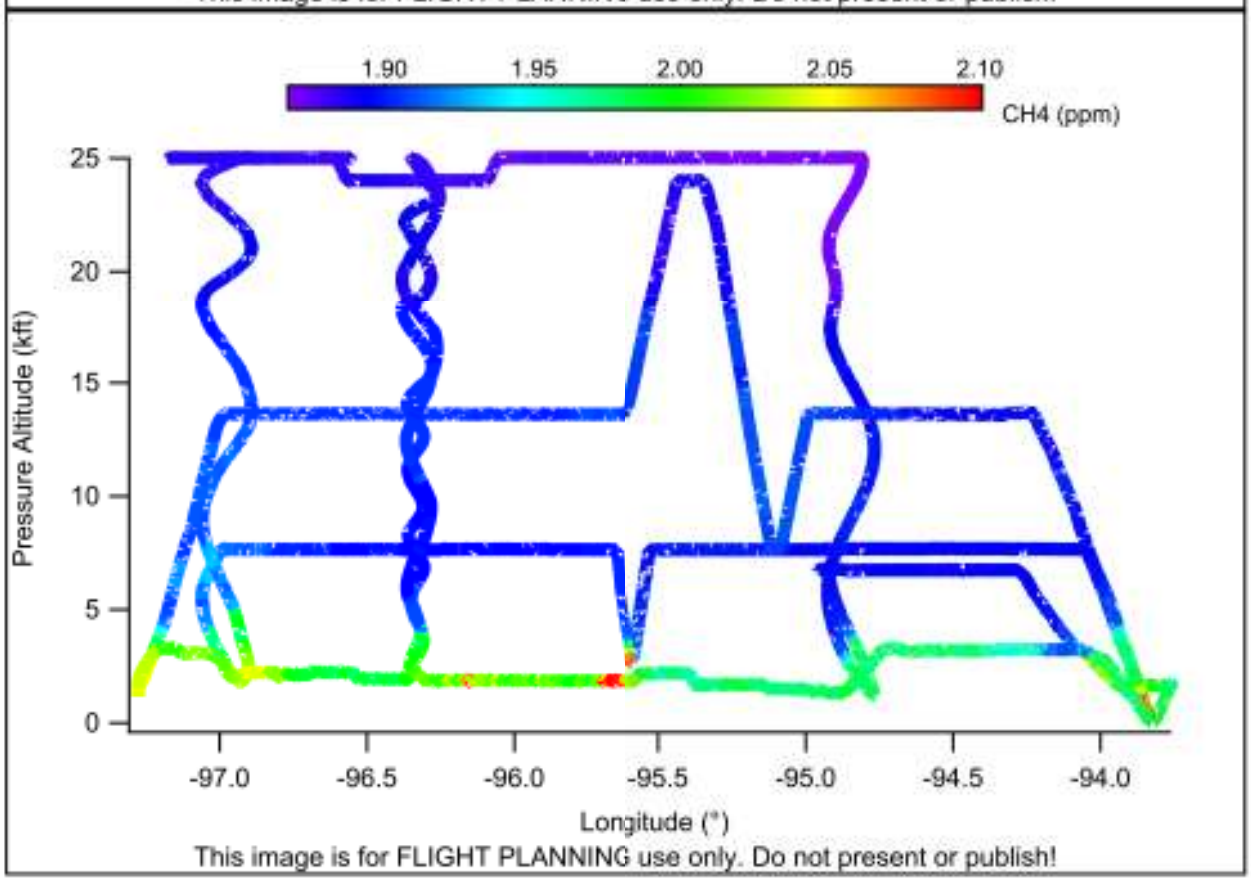

0.08
0.10
0.12
0.14
0.16
0.18
0.20
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
32
33
34
35
36
37
38
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

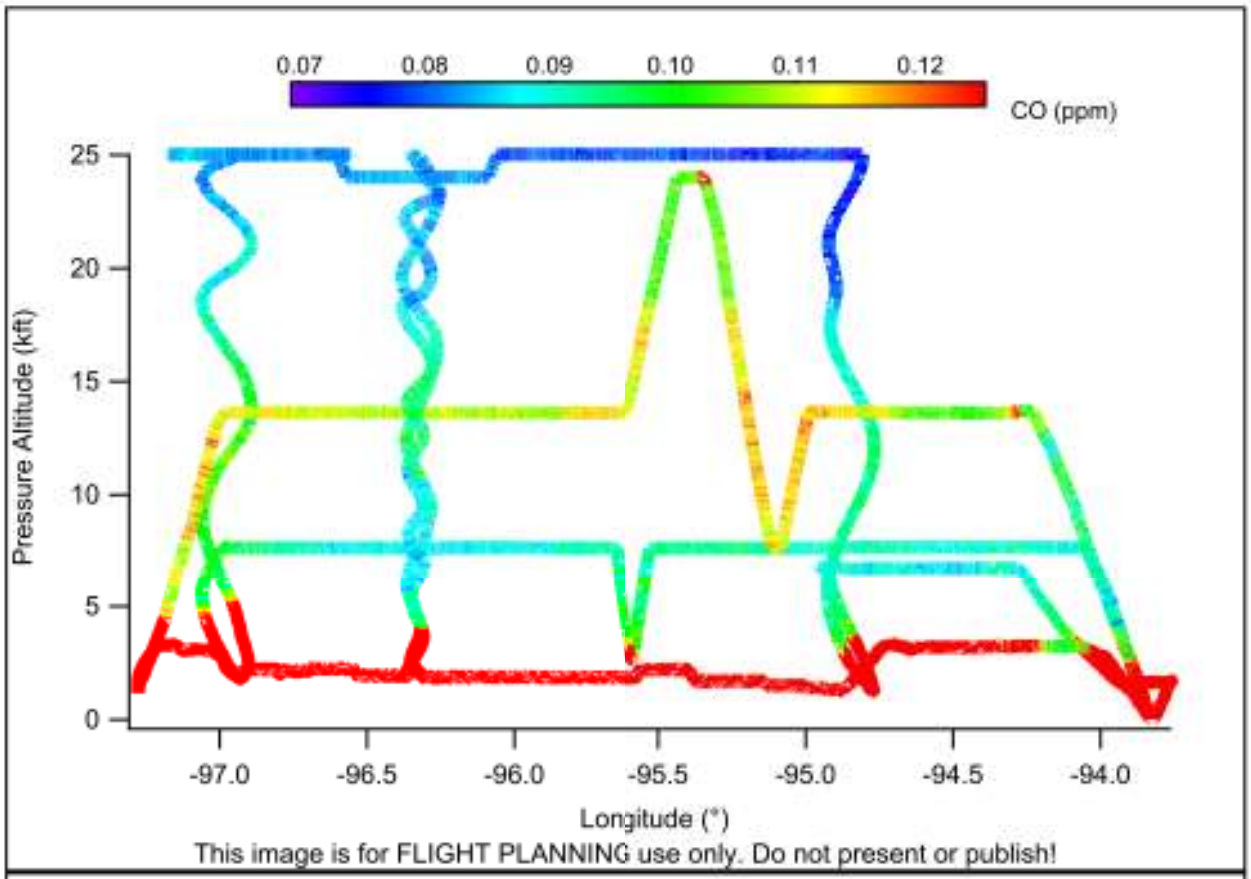

0
1
2
3
4
5
6
7
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
32
33
34
35
36
37
38
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

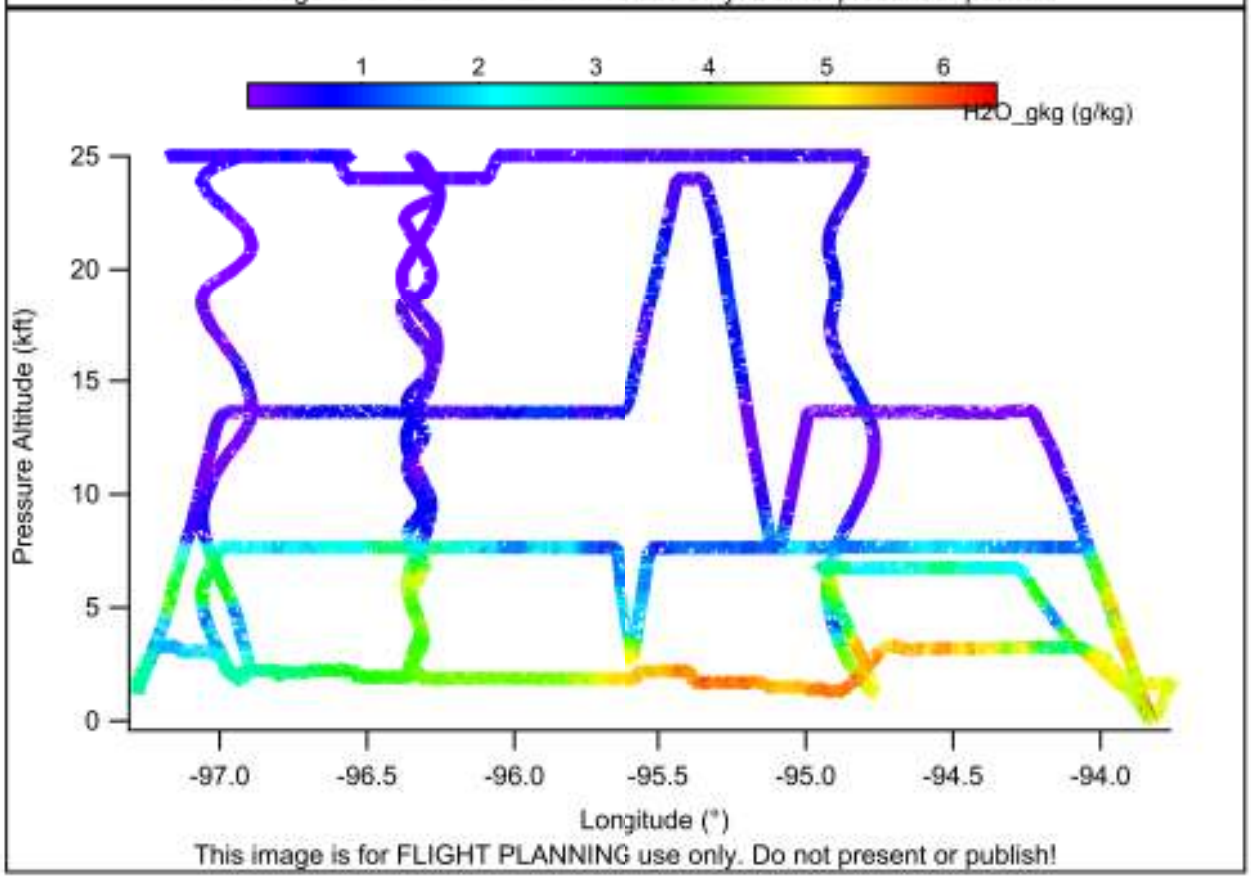

-60
-40
-20
0
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
32
33
34
35
36
37
38
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

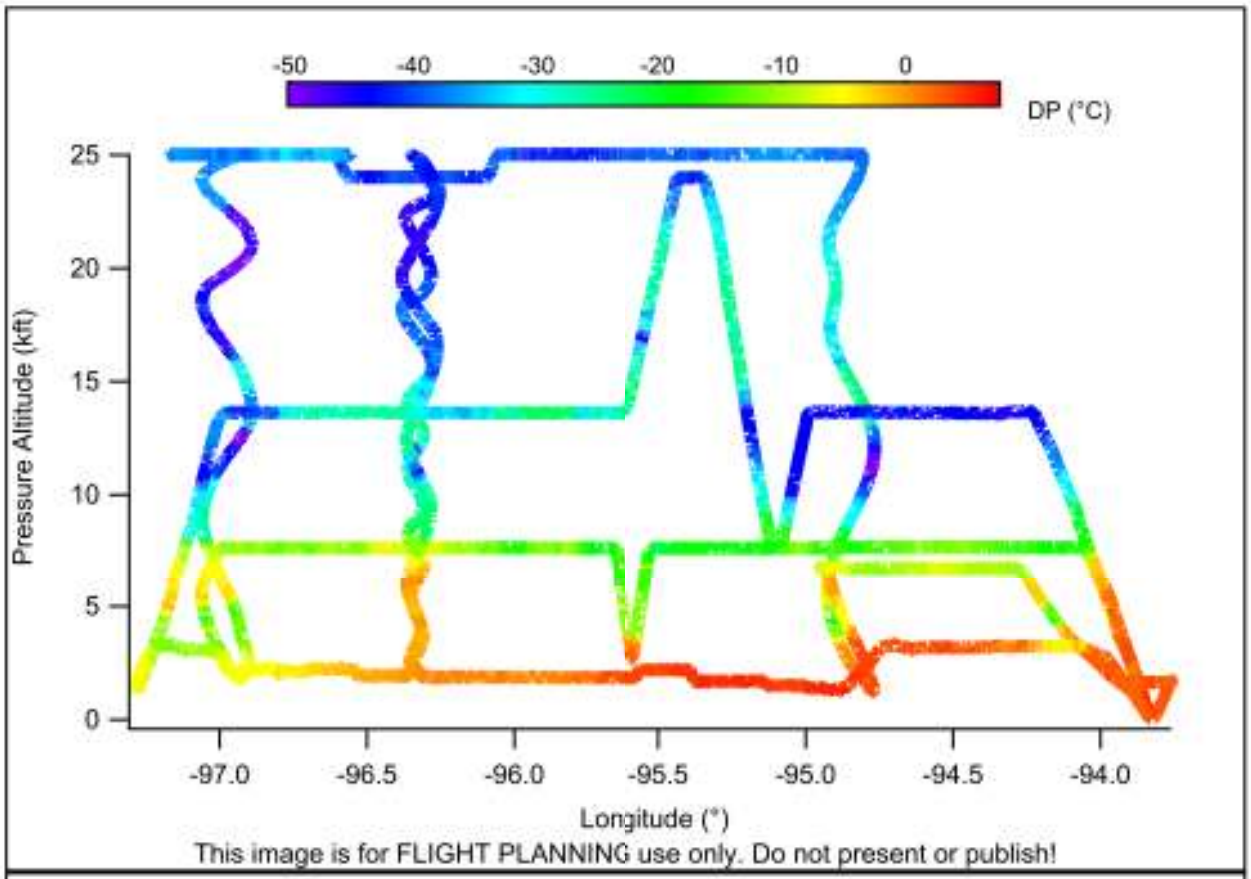

30
35
40
45
50
55
60
O3 (ppb)
Pressure Altitude (kft)
25
20
15
10
5
0
32
33
34
35
36
37
38
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

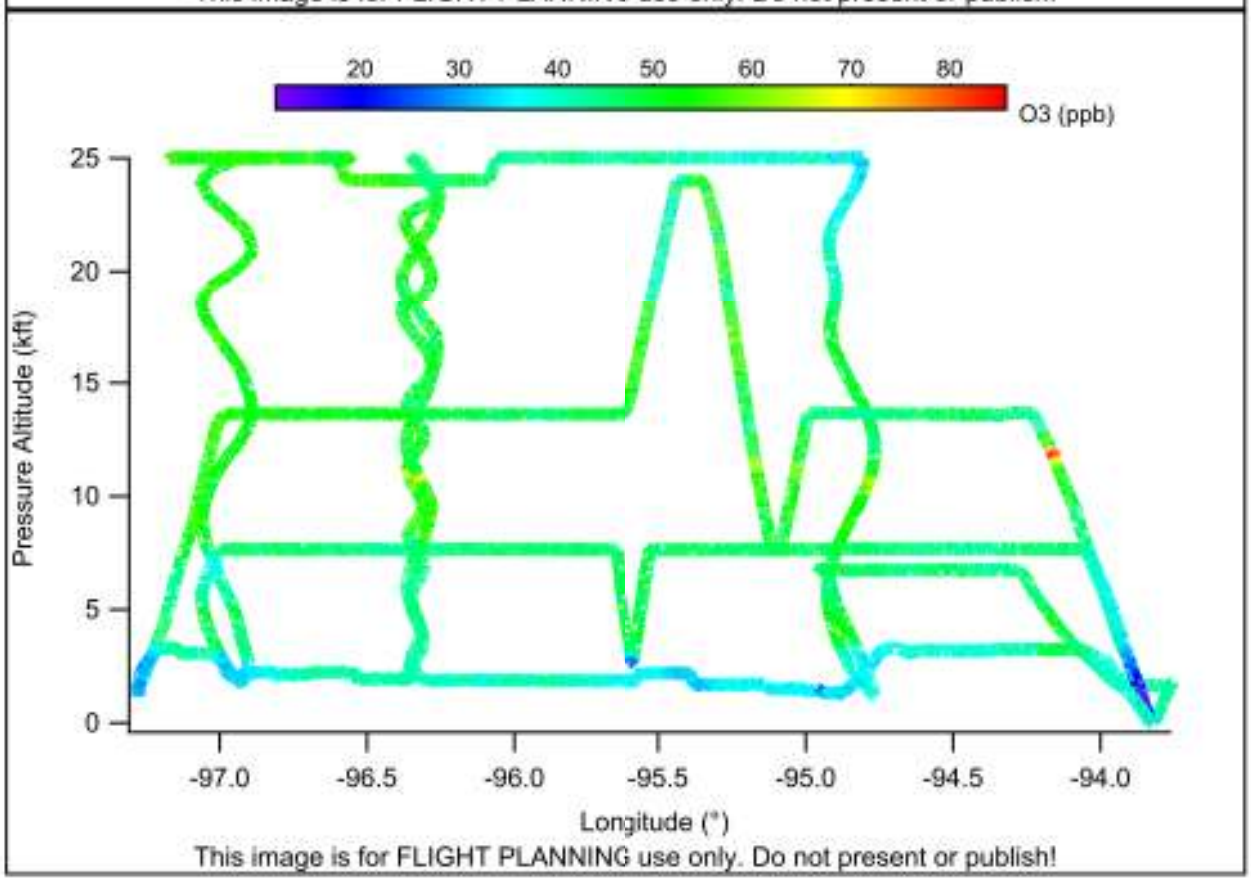

406
408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-97.0
-96.5
-96.0
-95.5
-95.0
-94.5
-94.0
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

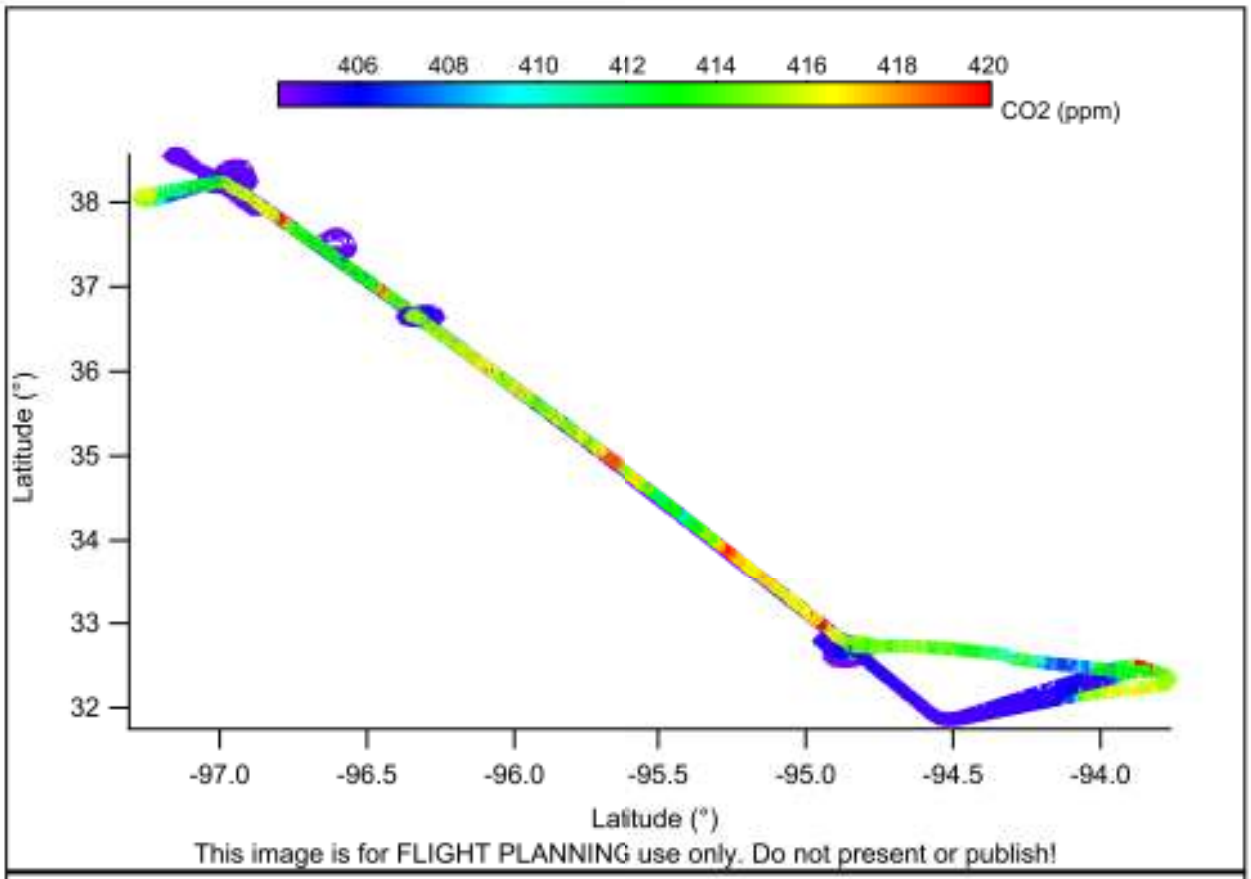

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-97.0
-96.5
-96.0
-95.5
-95.0
-94.5
-94.0
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

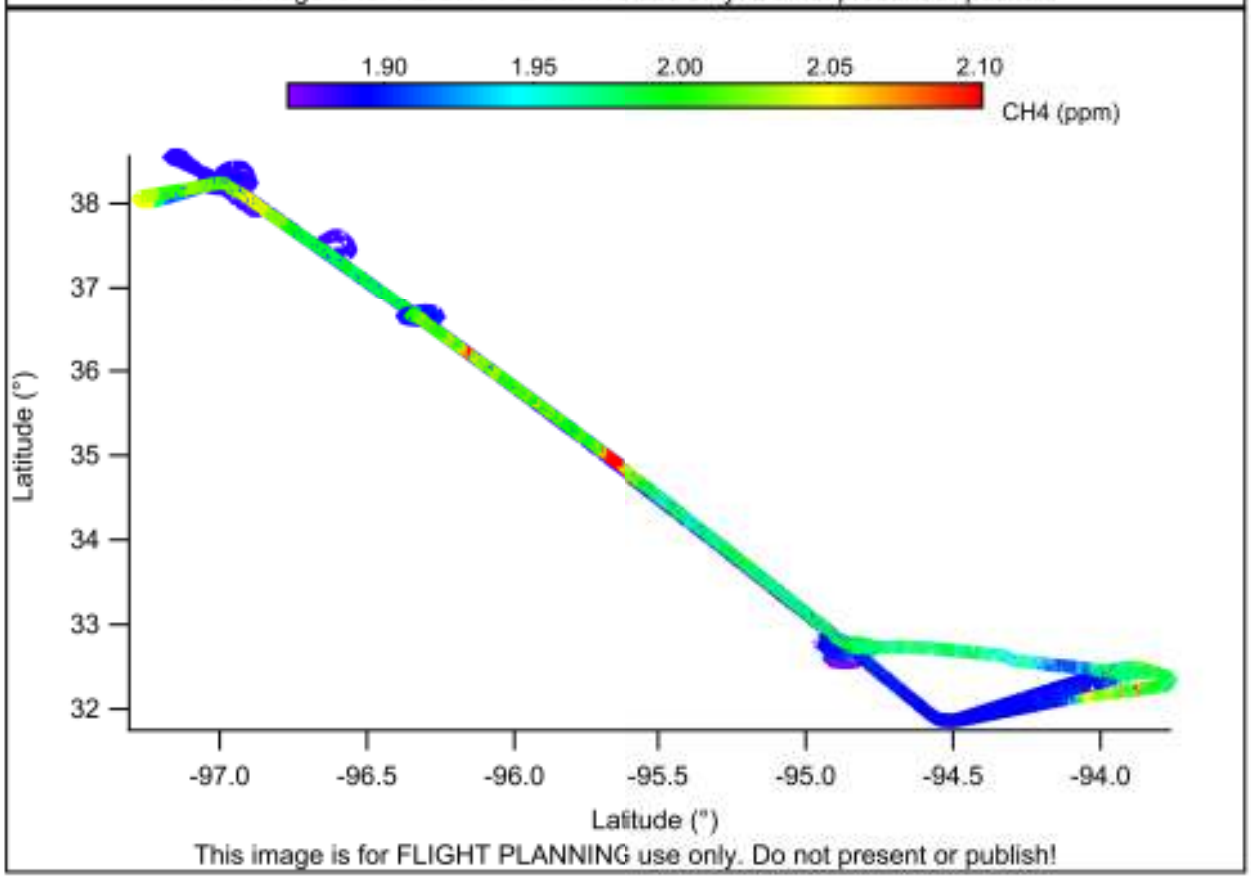

0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-97.0
-96.5
-96.0
-95.5
-95.0
-94.5
-94.0
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

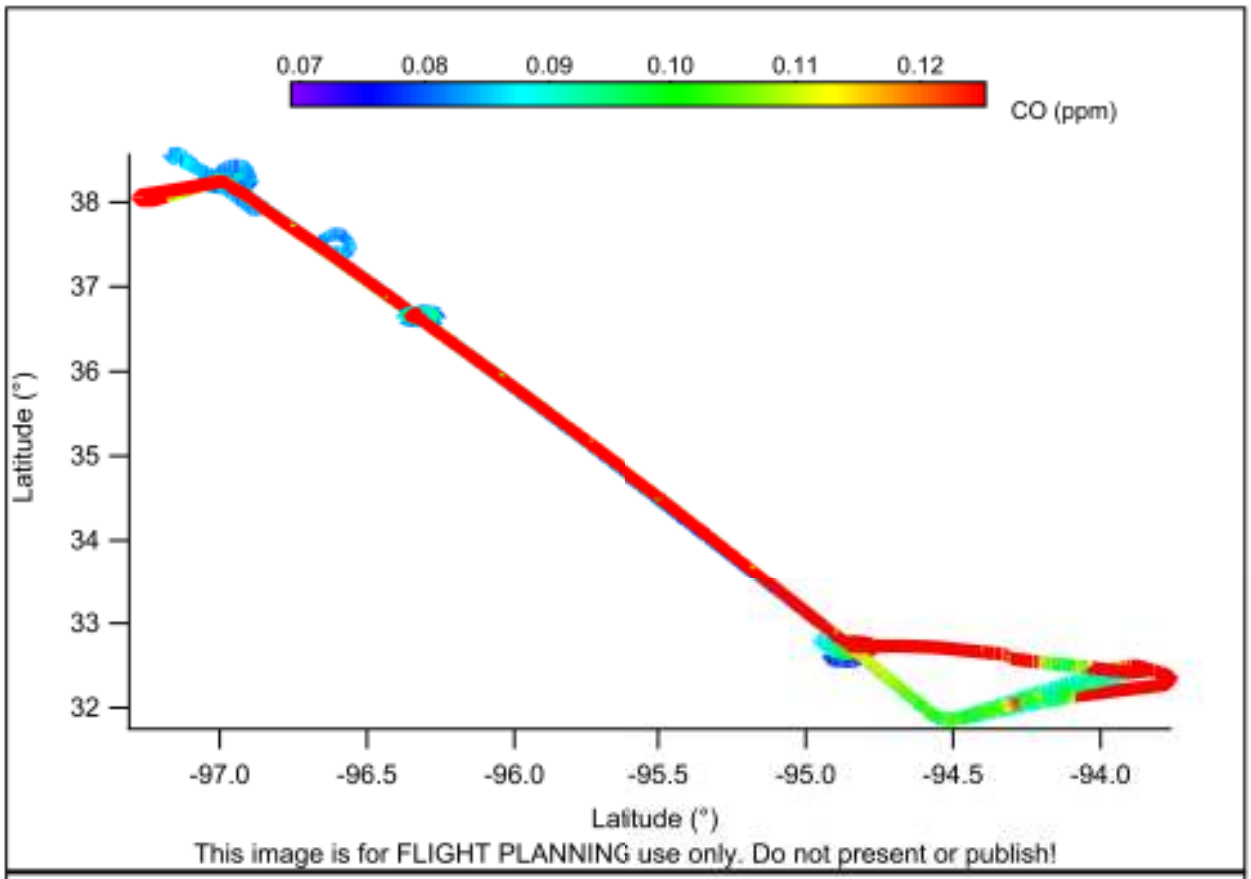

1
2
3
4
5
6
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
-97.0
-96.5
-96.0
-95.5
-95.0
-94.5
-94.0
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-50
-40
-30
-20
-10
0
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
-97.0
-96.5
-96.0
-95.5
-95.0
-94.5
-94.0
Longitude (°)
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)
25
20
15
10
5
0
-97.0
-96.5
-96.0
-95.5
-95.0
-94.5
-94.0
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


406
408
410
412
414
416
418
420
CO2 (ppm)
38
37
36
35
34
33
32
Latitude (°)
-97.0
-96.5
-96.0
-95.5
-95.0
-94.5
-94.0
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)
38
37
36
35
34
33
32
Latitude (°)
-97.0
-96.5
-96.0
-95.5
-95.0
-94.5
-94.0
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)
38
37
36
35
34
33
32
Latitude (°)
-97.0
-96.5
-96.0
-95.5
-95.0
-94.5
-94.0
Latitude (°)
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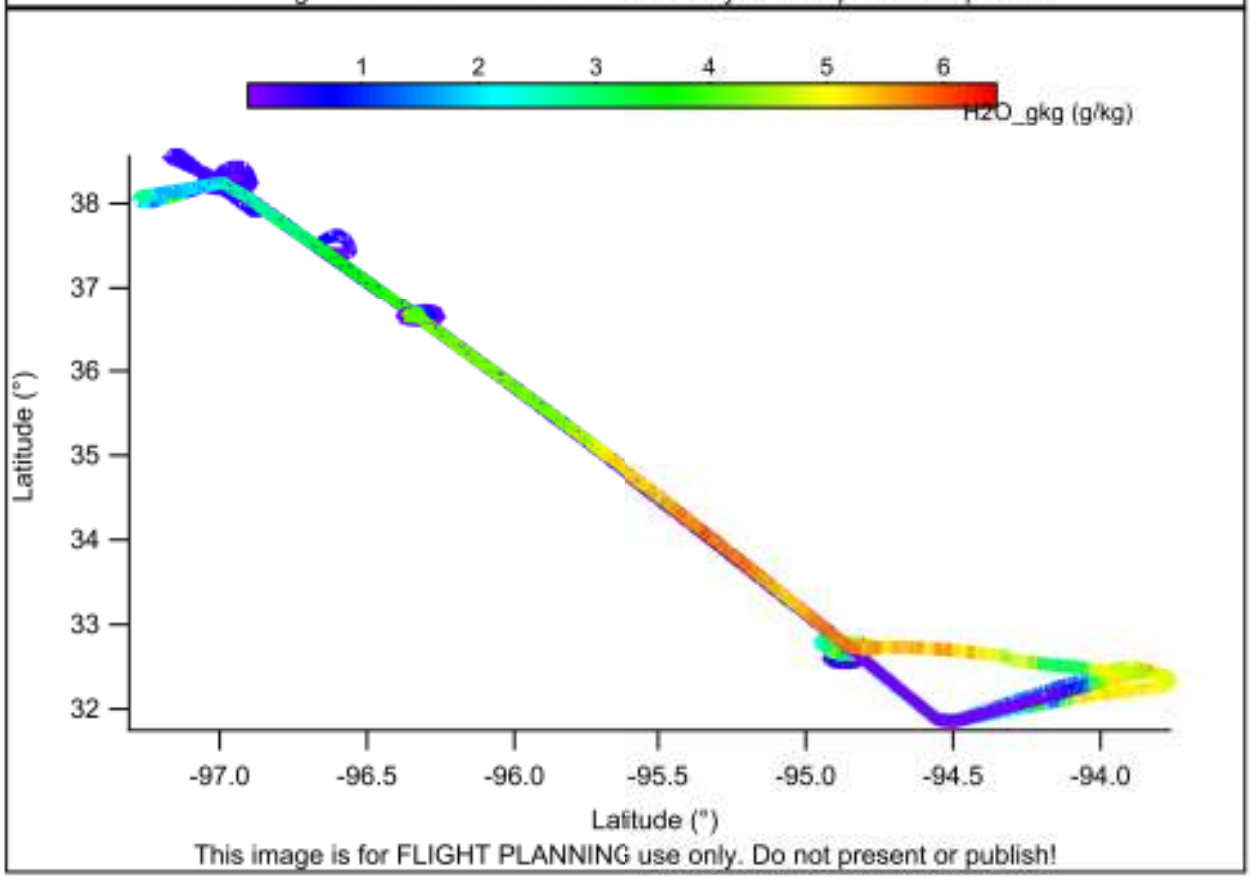
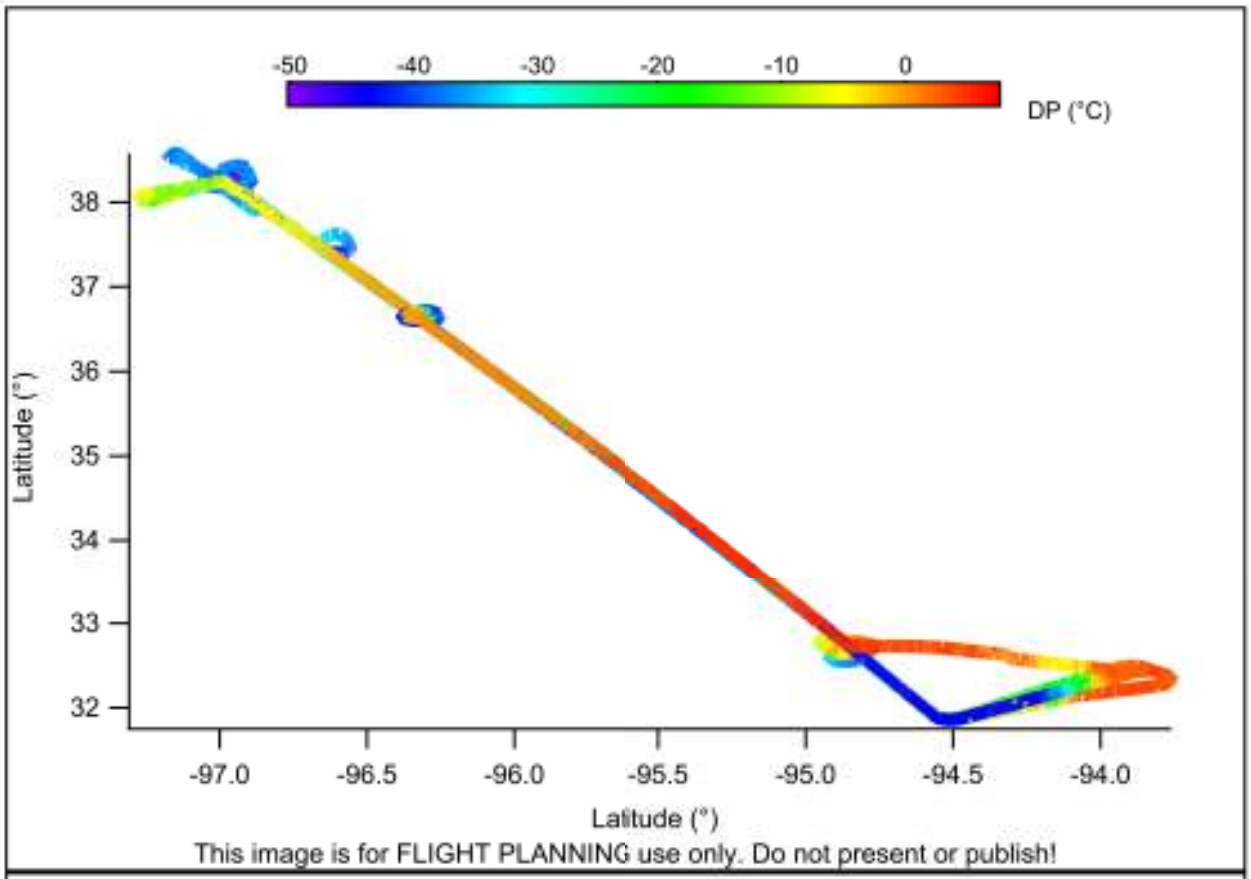

1
2
3
4
5
6
H2O_gkg (g/kg)
38
37
36
35
34
33
32
Latitude (°)
-97.0
-96.5
-96.0
-95.5
-95.0
-94.5
-94.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-50
-40
-30
-20
-10
0
DP (°C)
38
37
36
35
34
33
32
Latitude (°)
-97.0
-96.5
-96.0
-95.5
-95.0
-94.5
-94.0
Latitude (°)
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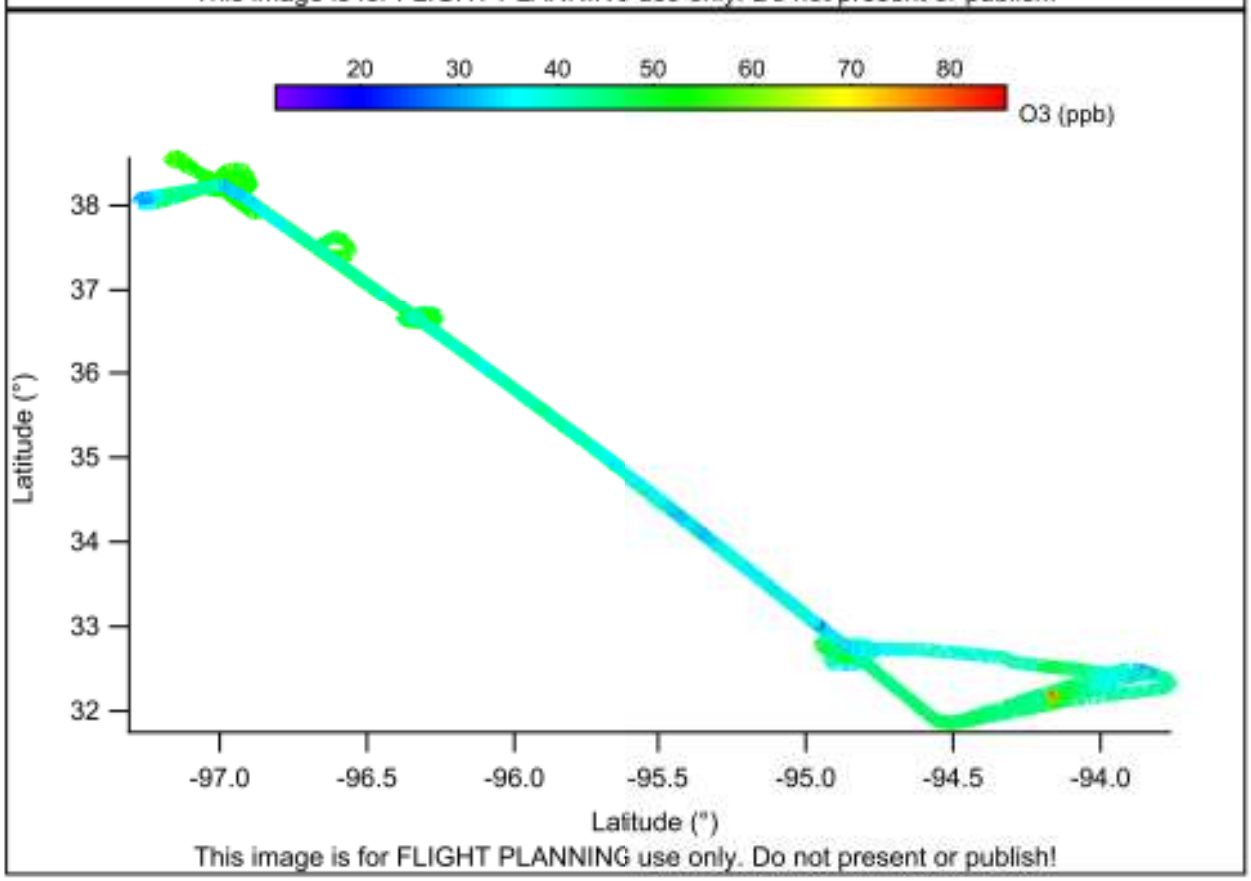
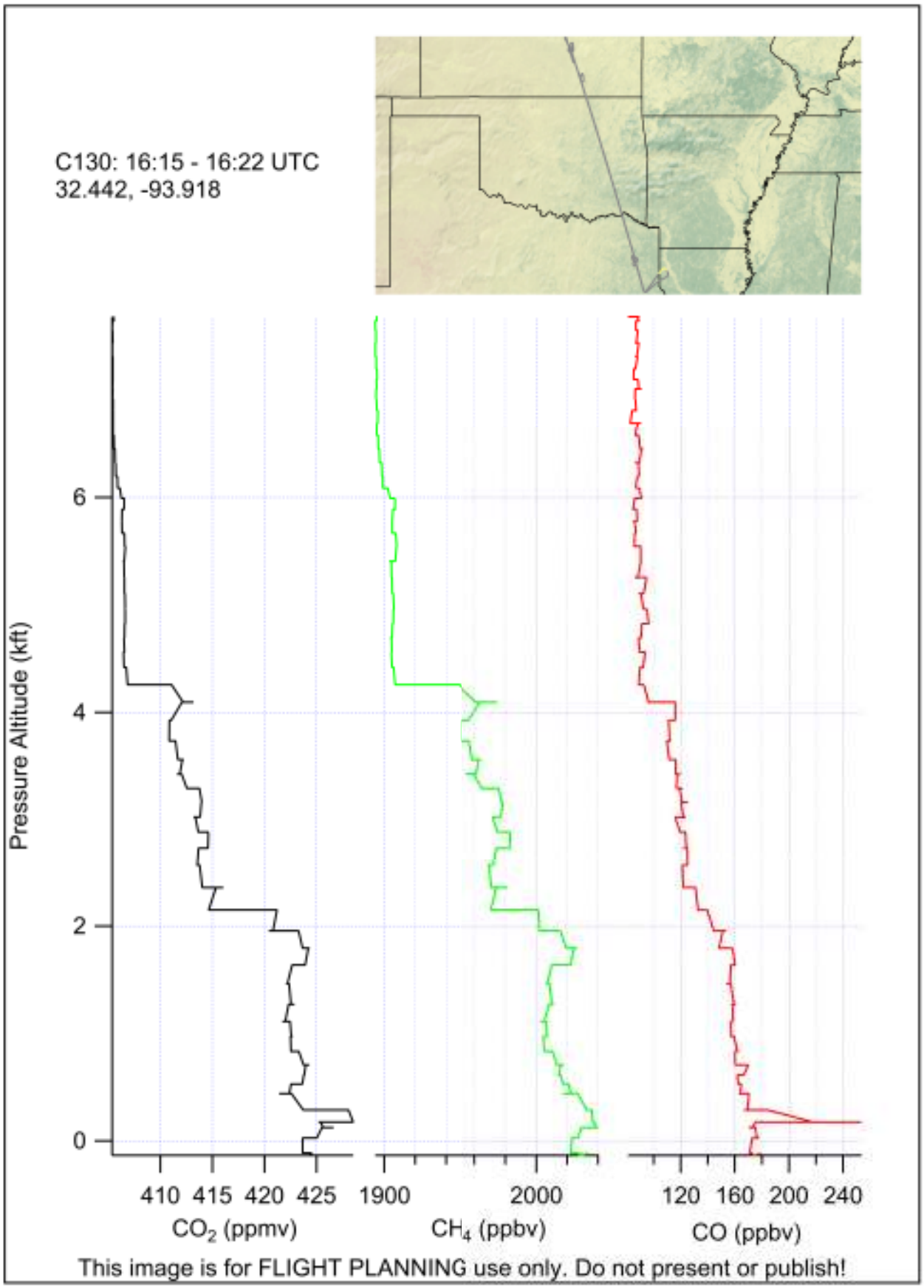
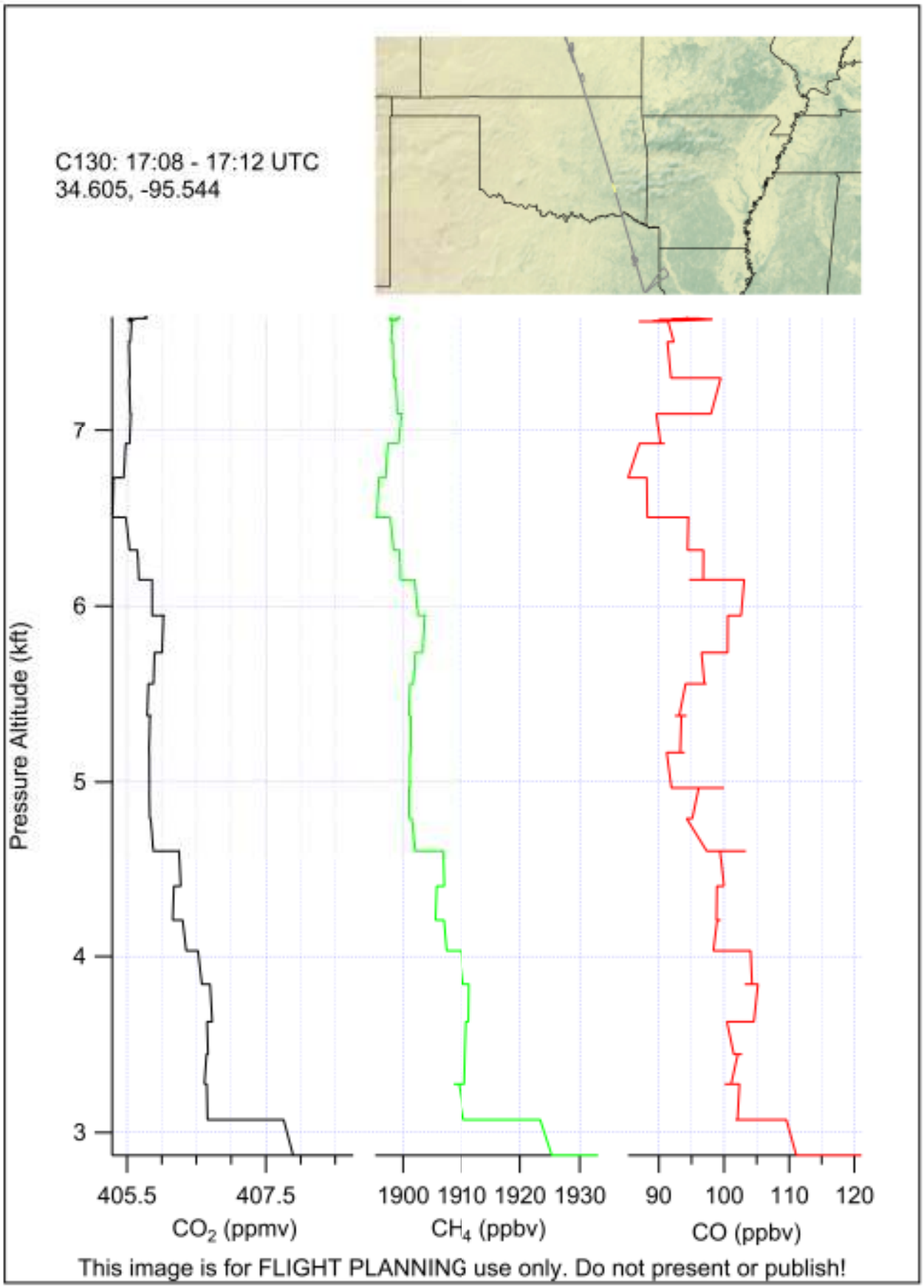
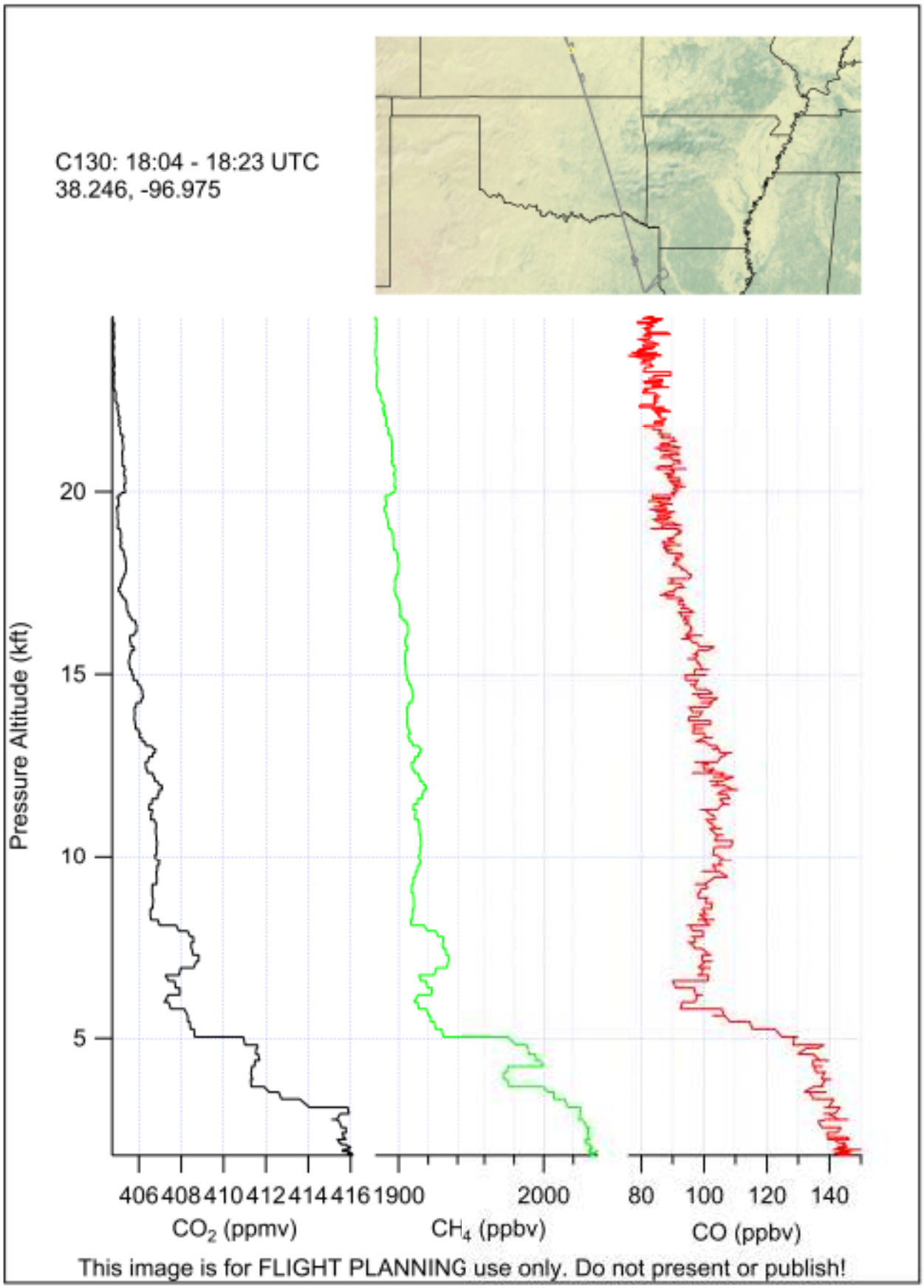
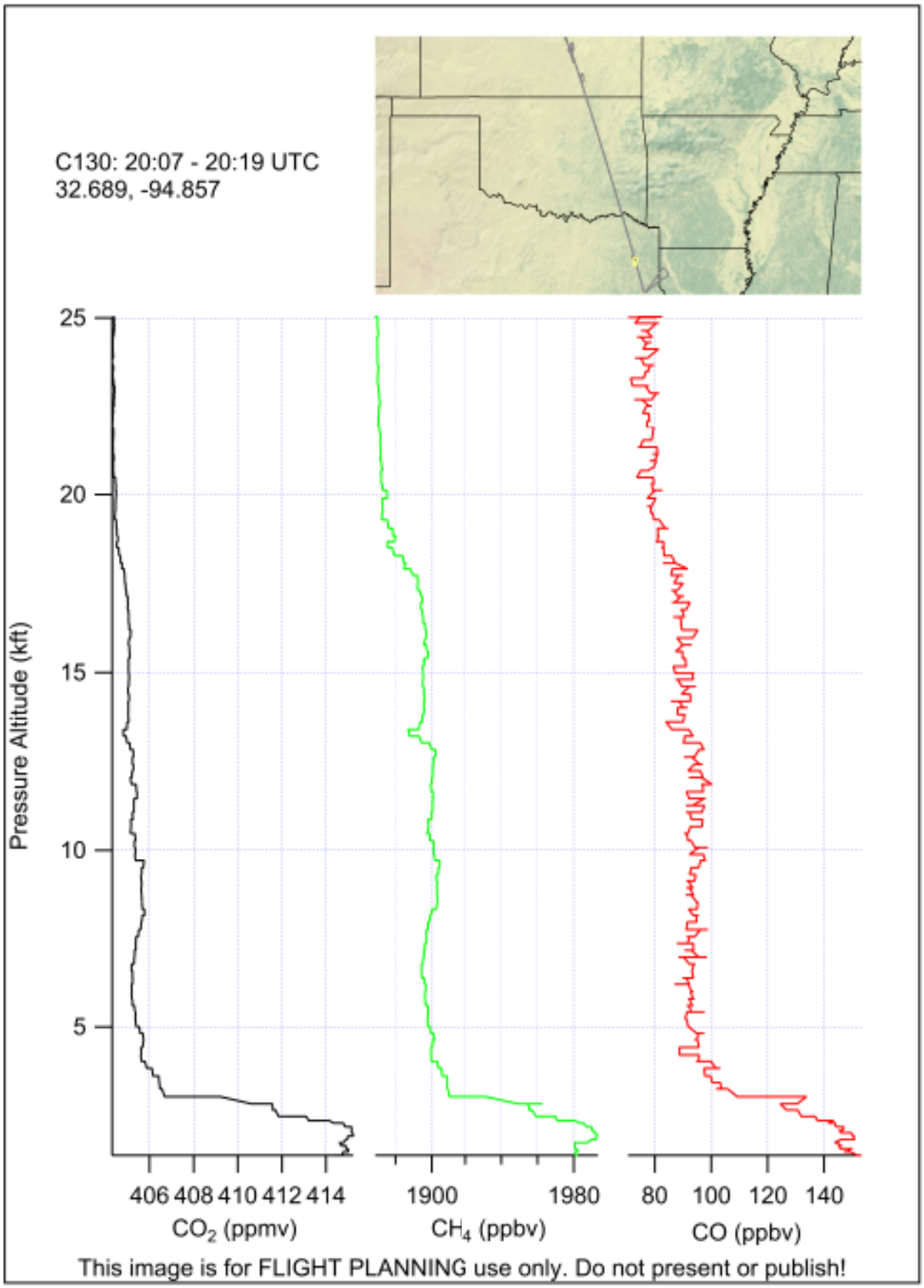
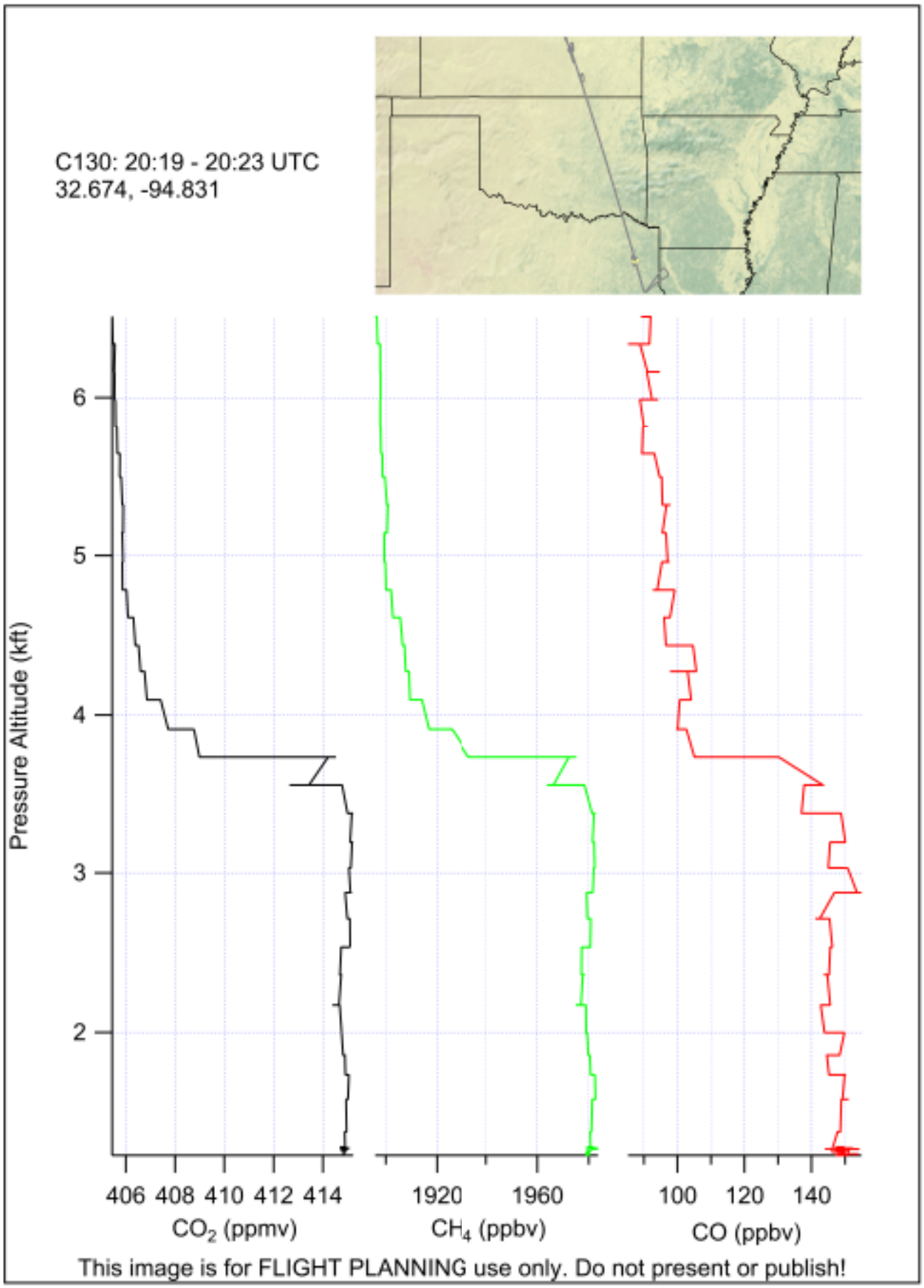

20
30
40
50
60
70
80
O3 (ppb)
38
37
36
35
34
33
32
Latitude (°)
-97.0
-96.5
-96.0
-95.5
-95.0
-94.5
-94.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

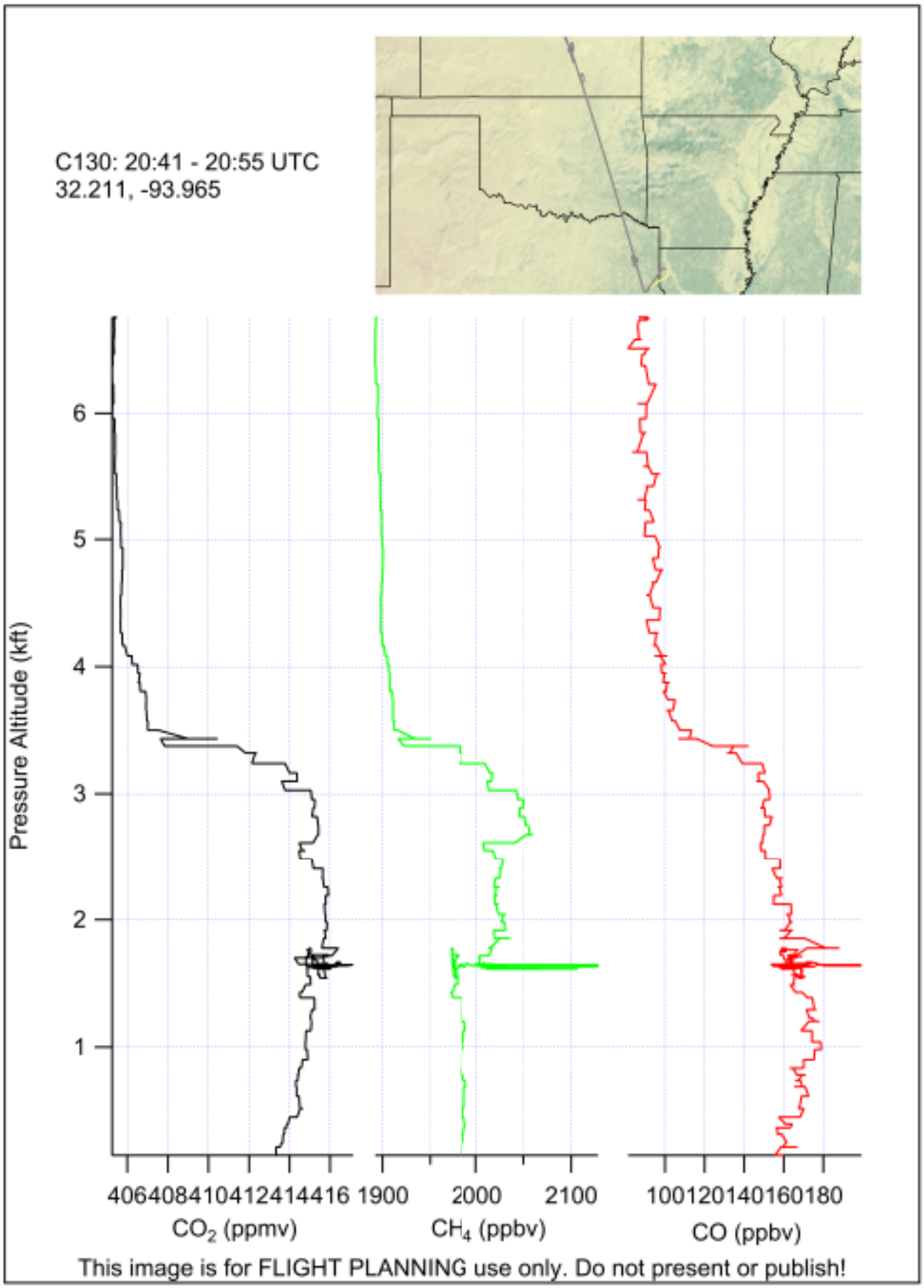

C130: 16:15 - 16:22 UTC
32.442, -93.918
Pressure Altitude (kft)
0
2
4
6
410 415 420 425
CO2 (ppmv)
1900 2000
CH4 (ppbv)
120 160 200 240
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:08 - 17:12 UTC
34.605, -95.544
Pressure Altitude (kft)
7
6
5
4
3
405.5
407.5
CO_2 (ppmv)
1900 1910 1920 1930
CH_4 (ppbv)
90 100 110 120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:04 - 18:23 UTC
38.246, -96.975
Pressure Altitude (kft)
20
15
10
5
406 408 410 412 414 416
CO2 (ppmv)
1900
2000
CH4 (ppbv)
80
100
120
140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:07 - 20:19 UTC
32.689, -94.857
Pressure Altitude (kft)
25
20
15
10
5
406 408 410 412 414
CO2 (ppmv)
1900
1980
CH4 (ppbv)
80 100 120 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:19 - 20:23 UTC
32.674, -94.831
Pressure Altitude (kft)
6
5
4
3
2
406 408 410 412 414
CO2 (ppmv)
1920 1960
CH4 (ppbv)
100 120 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:41 - 20:55 UTC
32.211, -93.965
Pressure Altitude (kft)
6
5
4
3
2
1
406408410412414416
CO2 (ppmv)
1900
2000
2100
CH4 (ppbv)
100120140160180
CO (ppbv)
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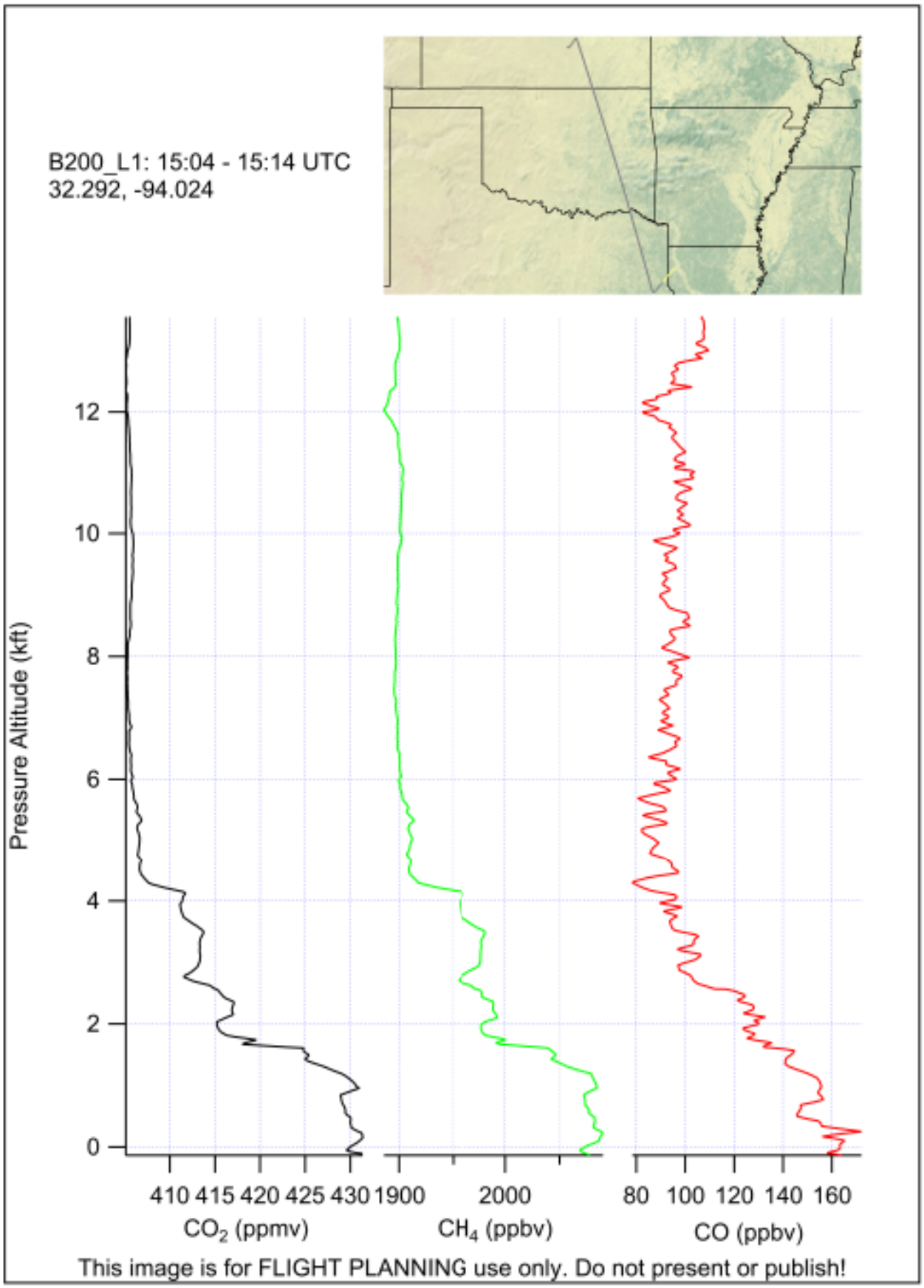
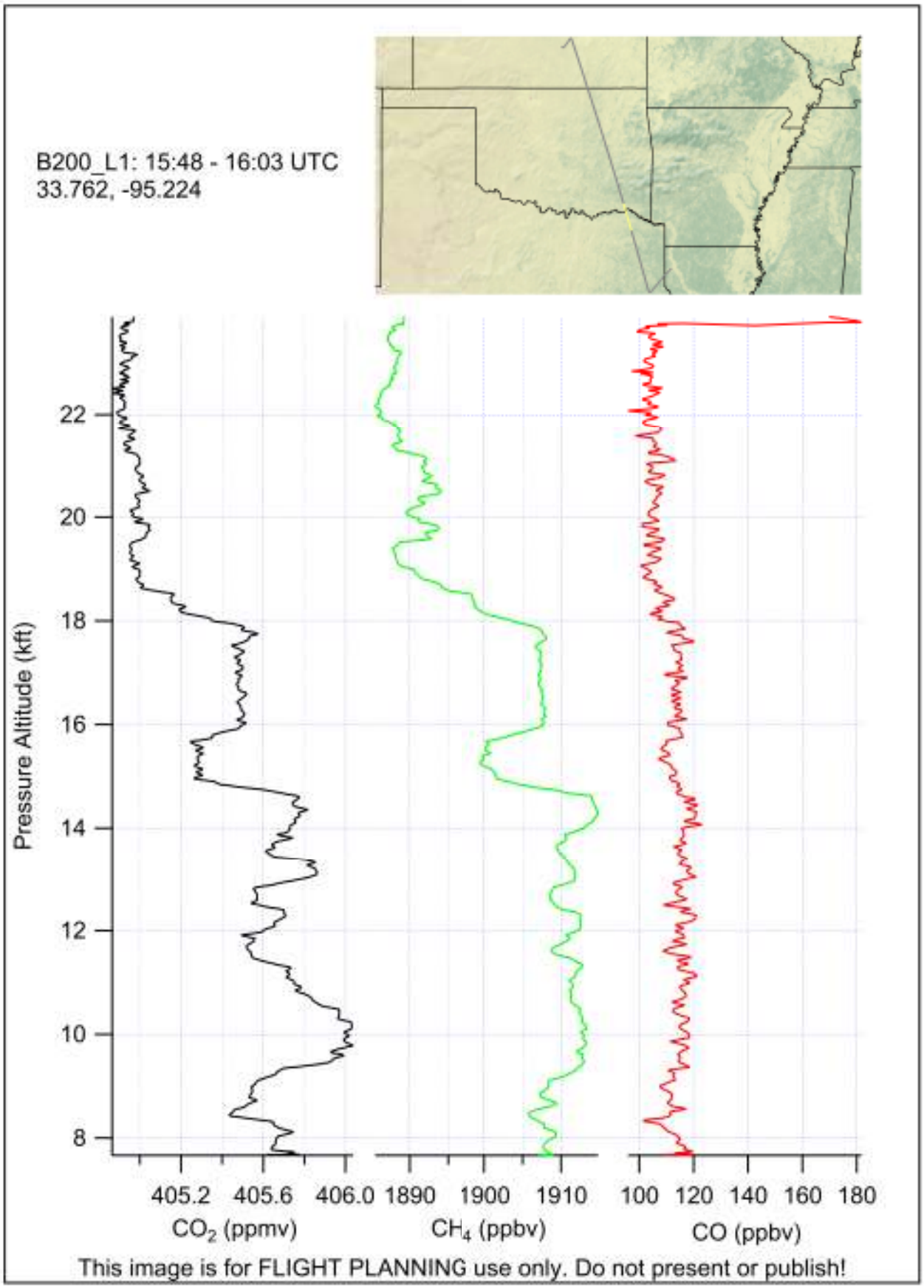
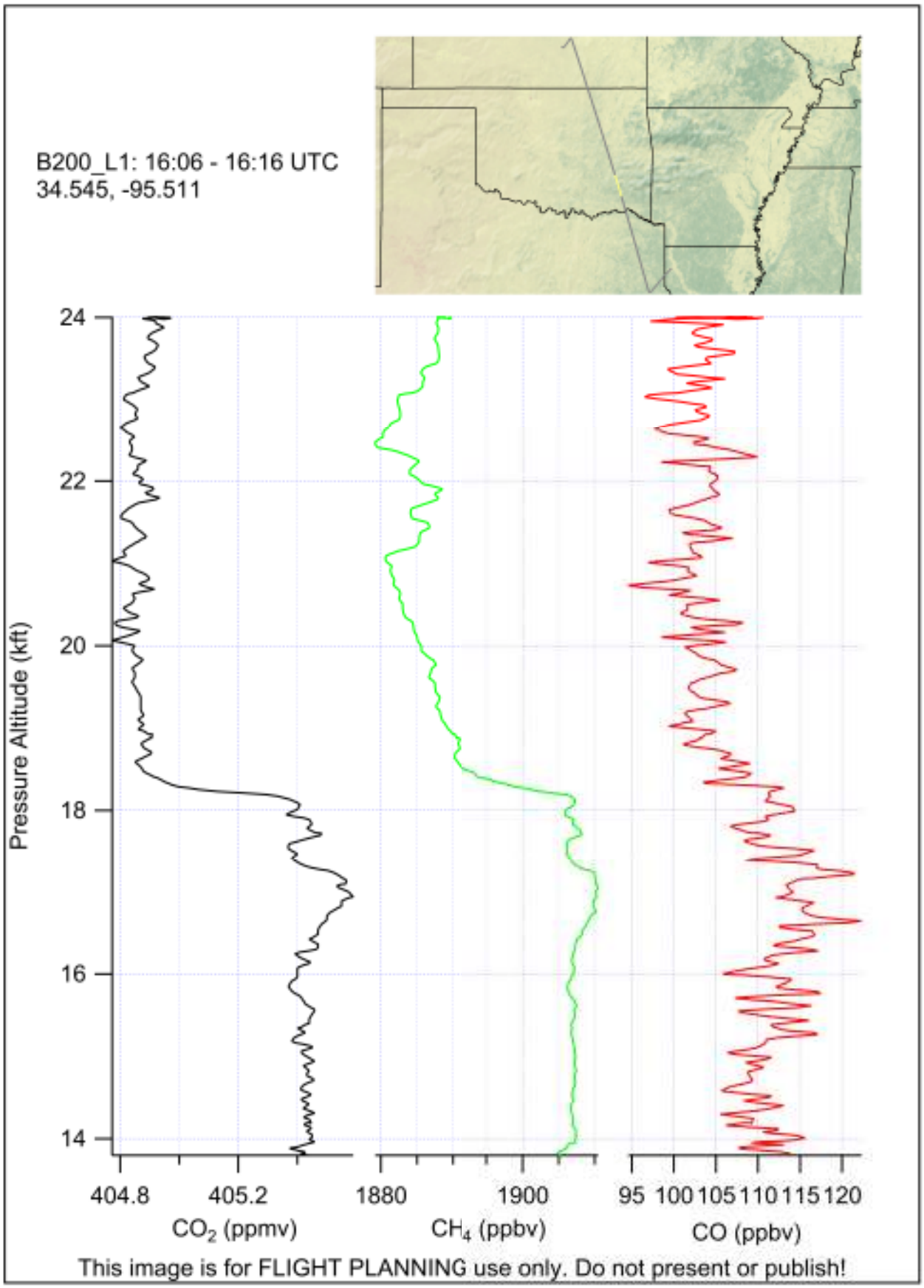
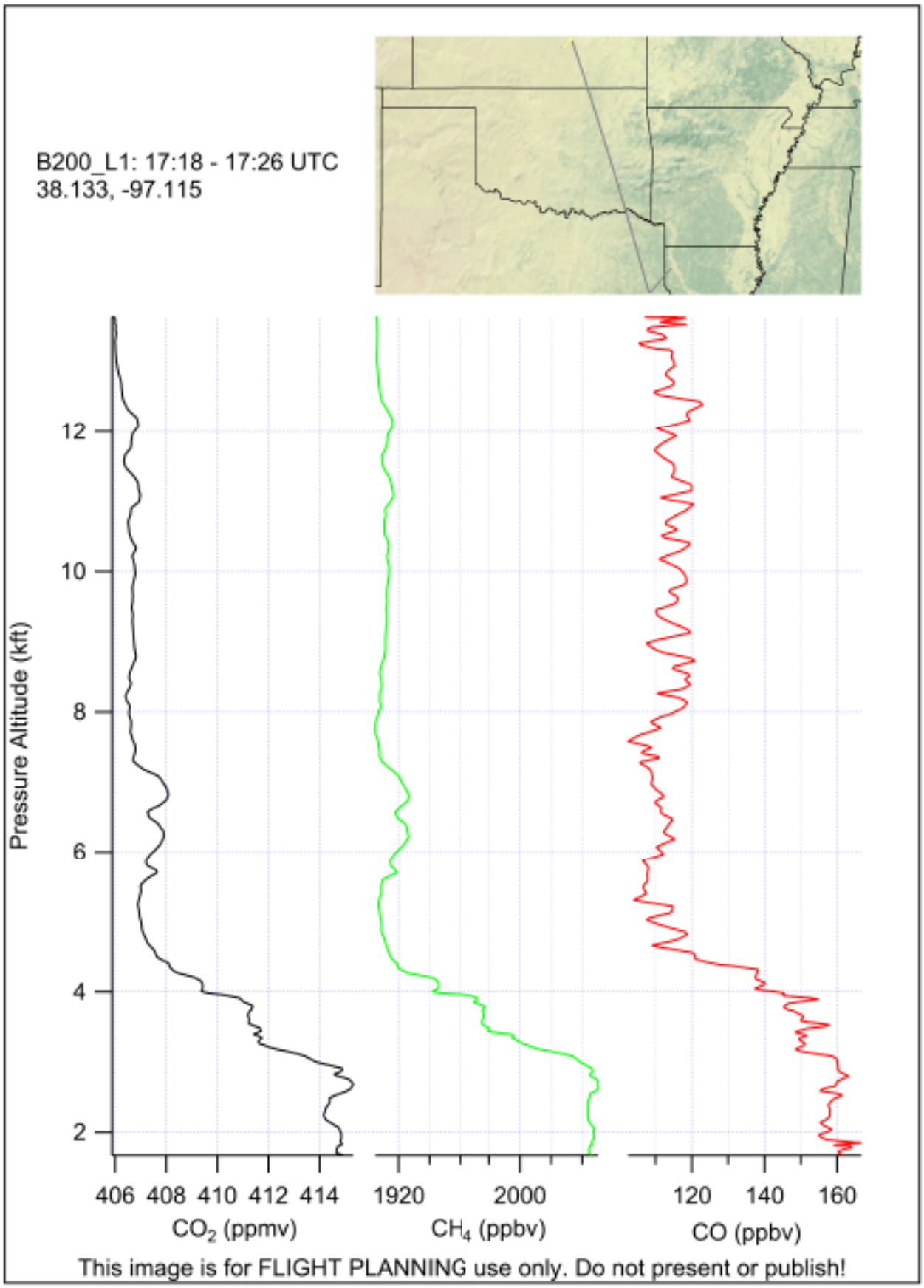
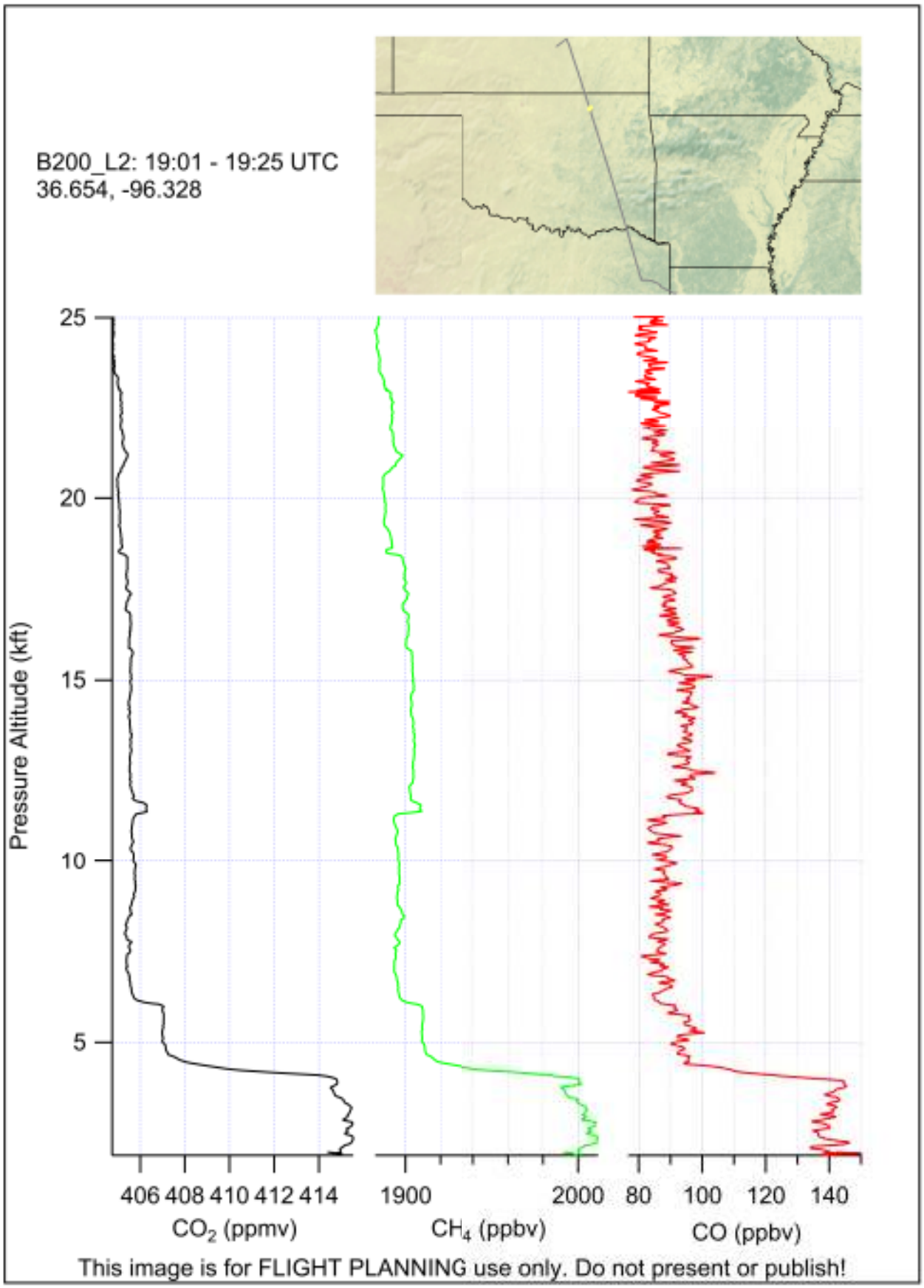
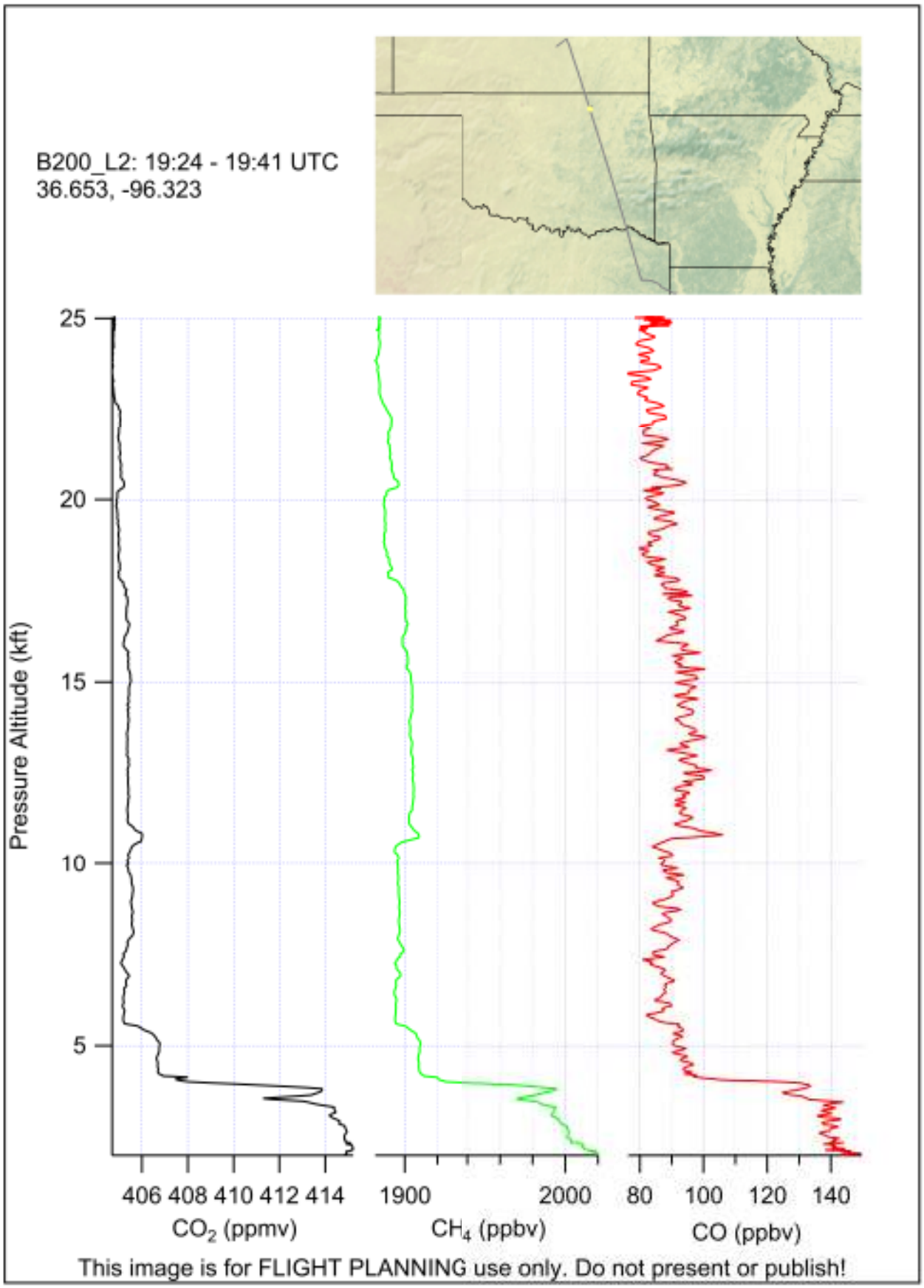

B200_L1: 15:04 - 15:14 UTC
32.292, -94.024
Pressure Altitude (kft)
0
2
4
6
8
10
12
410 415 420 425 430
CO2 (ppmv)
1900 2000
CH4 (ppbv)
80 100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

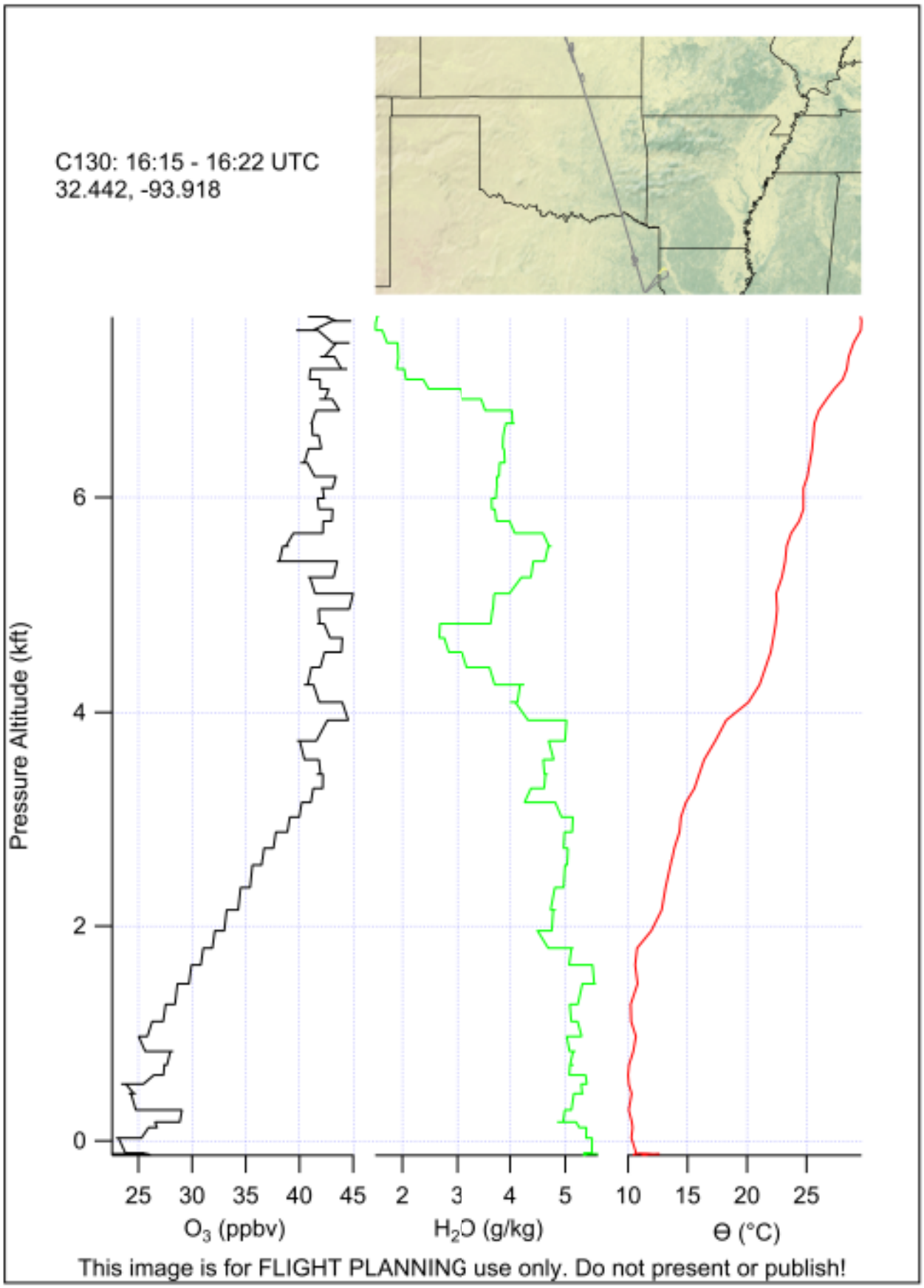

B200_L1: 15:48 - 16:03 UTC
33.762, -95.224
Pressure Altitude (kft)
22
20
18
16
14
12
10
8
405.2
405.6
406.0
CO2 (ppmv)
1890
1900
1910
CH4 (ppbv)
100
120
140
160
180
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

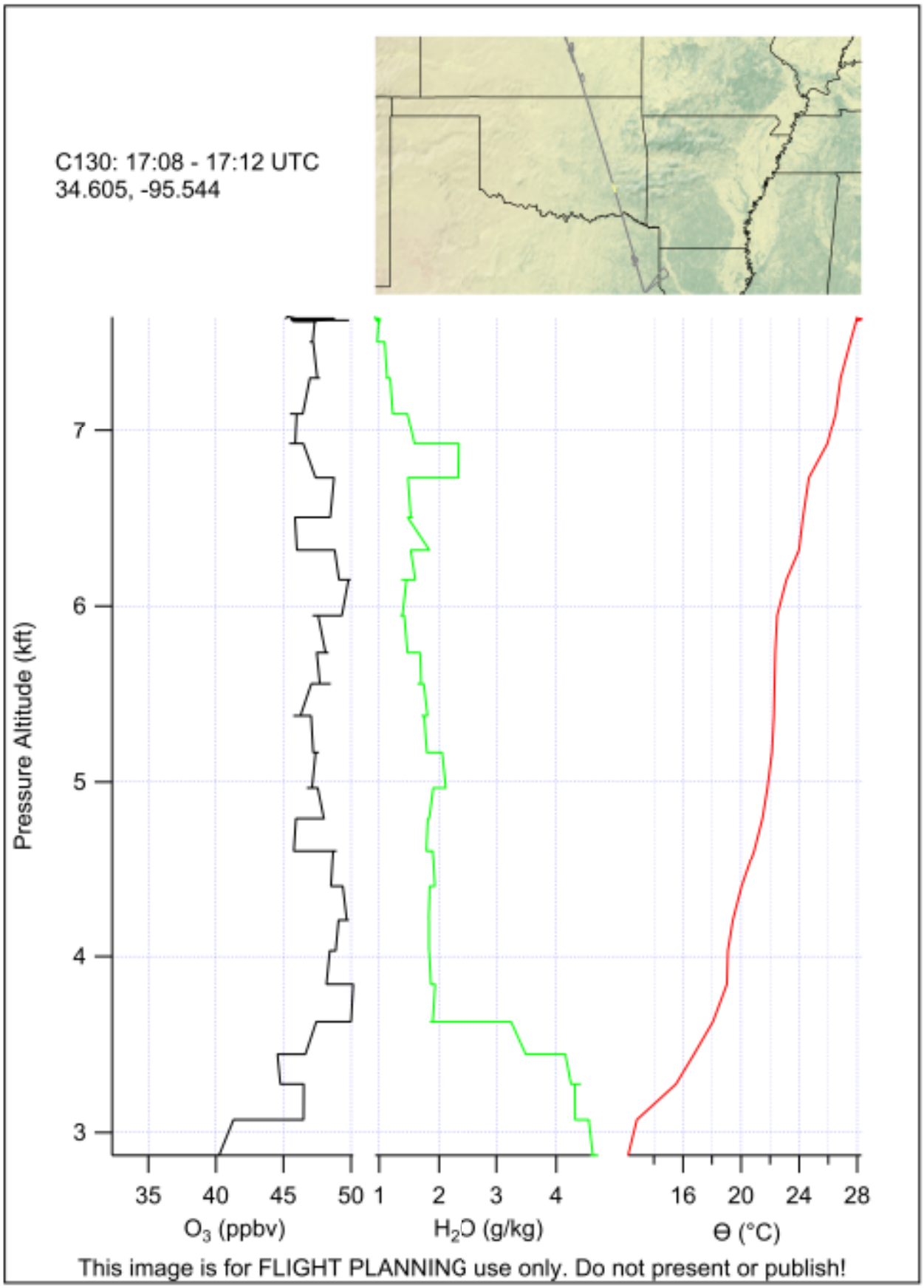

B200_L1: 16:06 - 16:16 UTC
34.545, -95.511
Pressure Altitude (kft)
24
22
20
18
16
14
404.8
405.2
CO2 (ppmv)
1880
1900
CH4 (ppbv)
95 100 105 110 115 120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

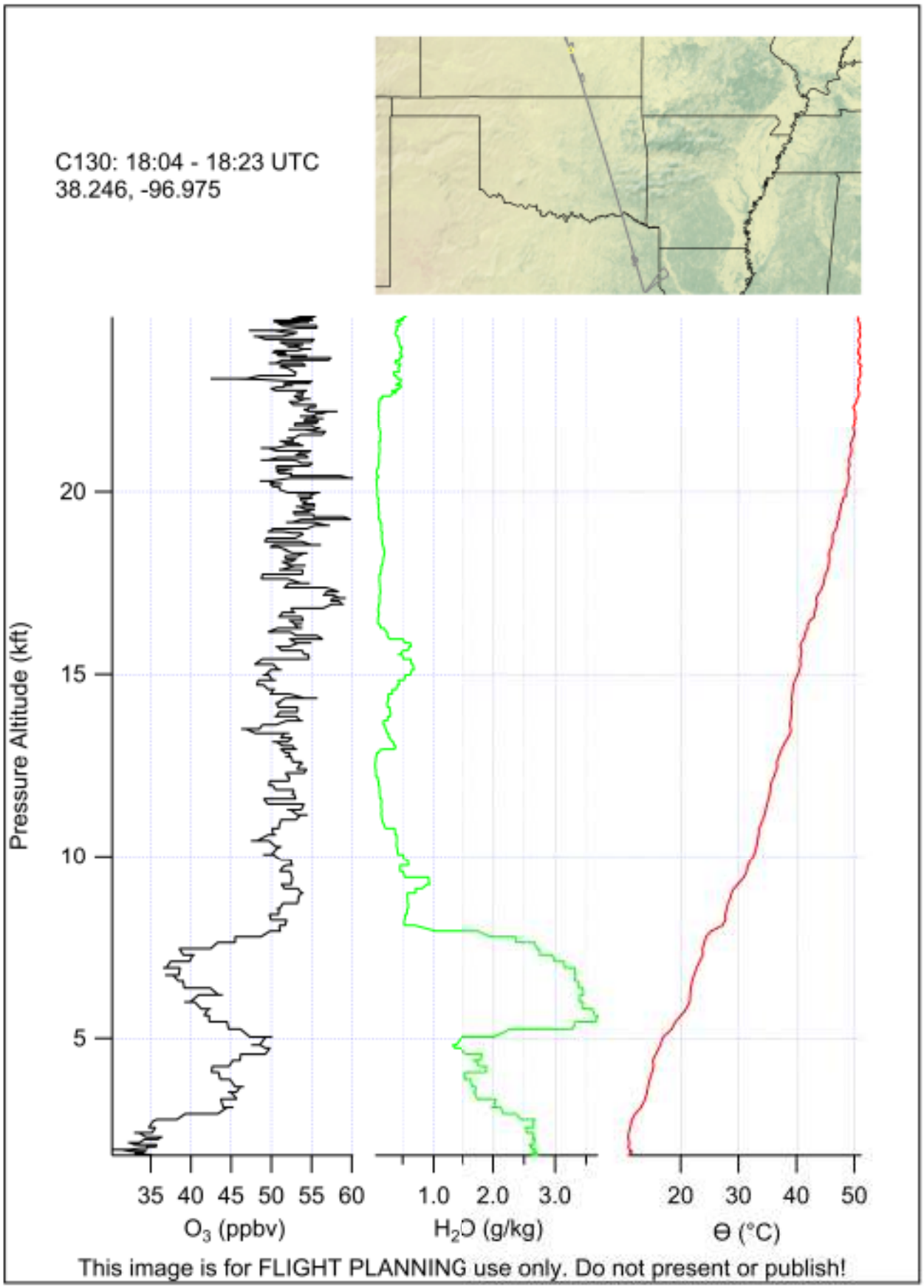

B200_L1: 17:18 - 17:26 UTC
38.133, -97.115
Pressure Altitude (kft)
12
10
8
6
4
2
406 408 410 412 414
CO2 (ppmv)
1920 2000
CH4 (ppbv)
120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 19:01 - 19:25 UTC
36.654, -96.328
Pressure Altitude (kft)
25
20
15
10
5
406 408 410 412 414
CO2 (ppmv)
1900
2000
CH4 (ppbv)
80
100
120
140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 19:24 - 19:41 UTC
36.653, -96.323
Pressure Altitude (kft)
25
20
15
10
5
406 408 410 412 414
CO2 (ppmv)
1900
2000
CH4 (ppbv)
80 100 120 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:15 - 16:22 UTC
32.442, -93.918
Pressure Altitude (kft)
0
2
4
6
25 30 35 40 45
O3 (ppbv)
2 3 4 5
H2O (g/kg)
10 15 20 25
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:08 - 17:12 UTC
34.605, -95.544
Pressure Altitude (kft)
7
6
5
4
3
35
40
45
50
O3 (ppbv)
1
2
3
4
H2O (g/kg)
16
20
24
28
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:04 - 18:23 UTC
38.246, -96.975
Pressure Altitude (kft)
20
15
10
5
35 40 45 50 55 60
O3 (ppbv)
1.0 2.0 3.0
H2O (g/kg)
20 30 40 50
Θ (°C)
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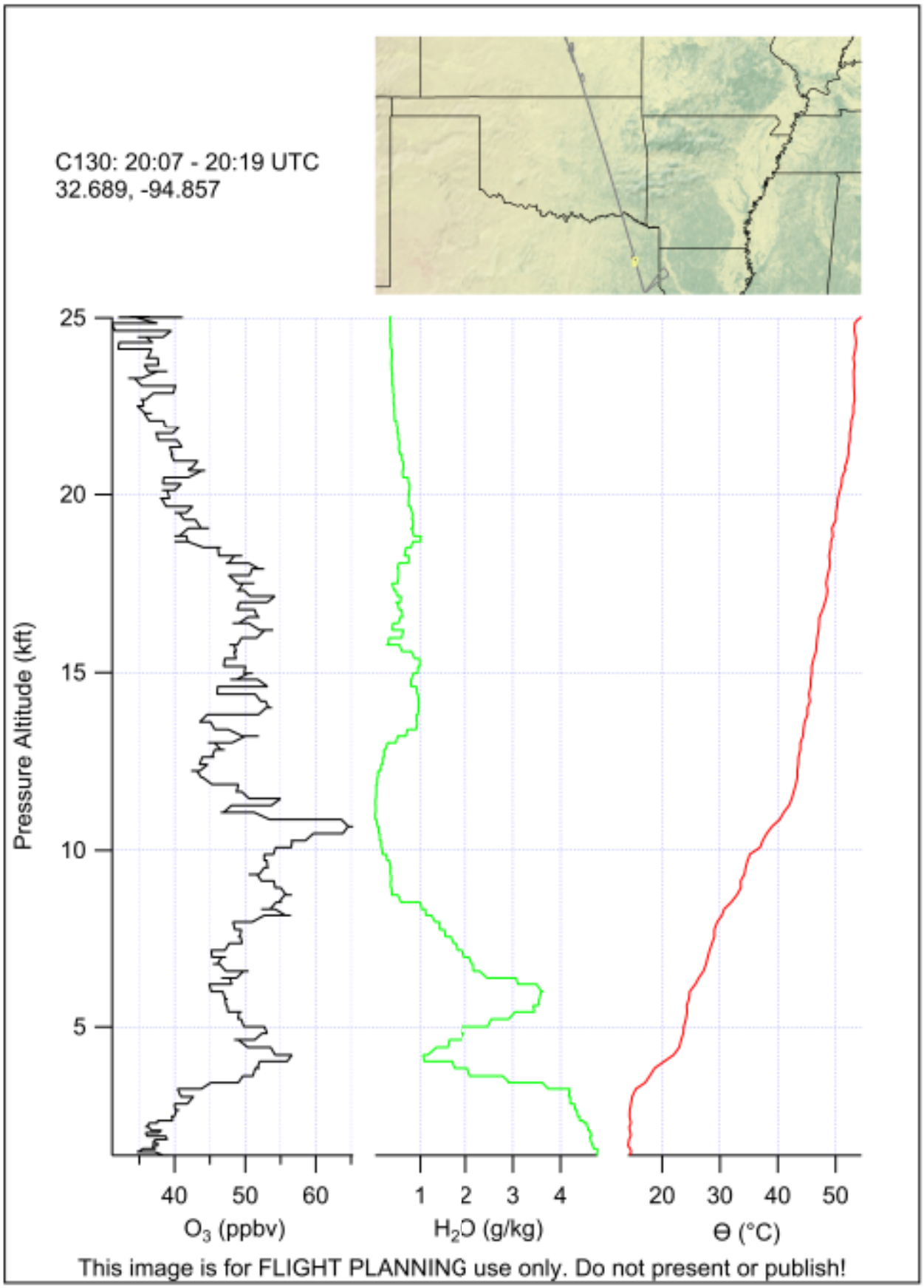
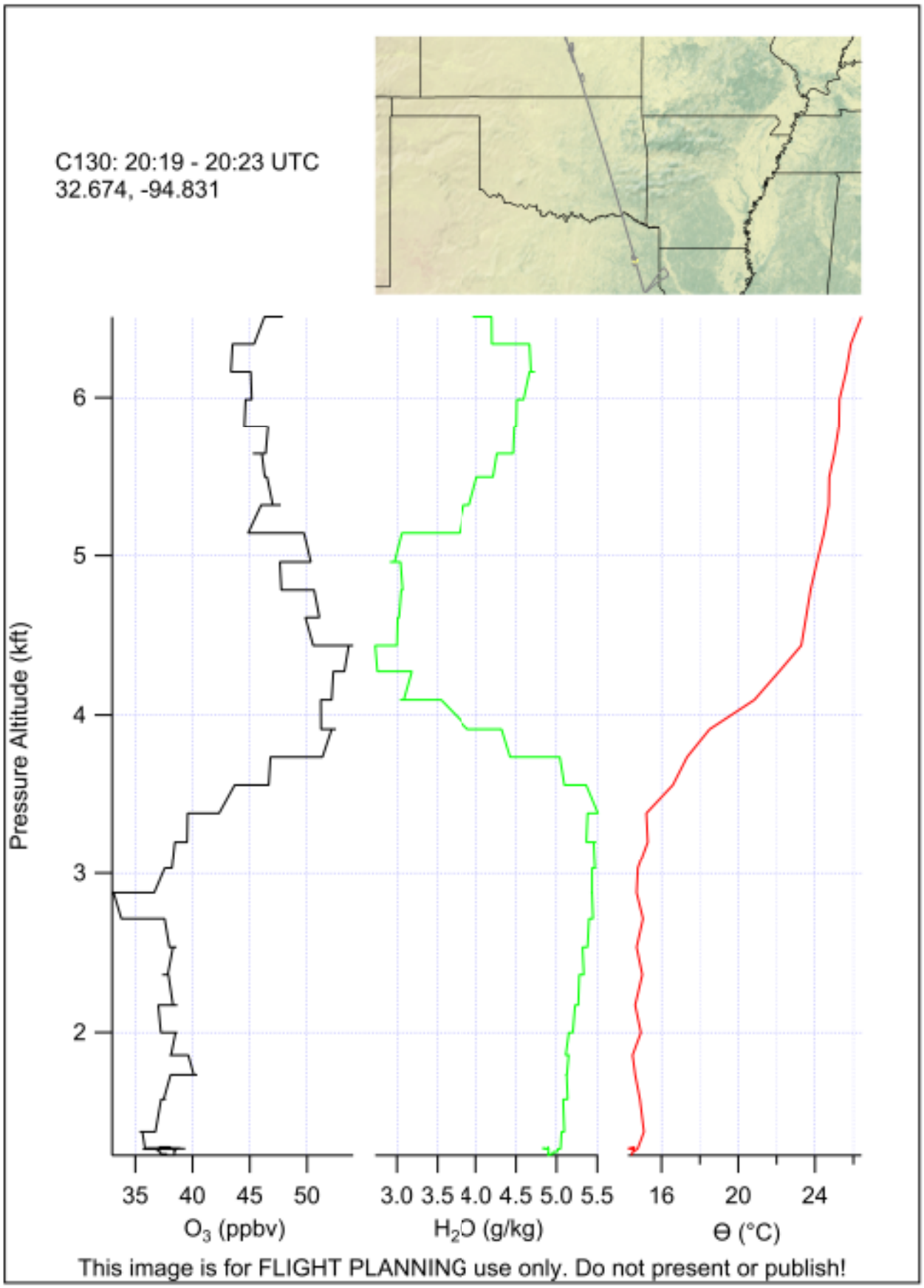

C130: 20:07 - 20:19 UTC
32.689, -94.857
Pressure Altitude (kft)
25
20
15
10
5
40
50
60
O_3 (ppbv)
1
2
3
4
H_2O (g/kg)
20
30
40
50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:19 - 20:23 UTC
32.674, -94.831
Pressure Altitude (kft)
6
5
4
3
2
35 40 45 50
O3 (ppbv)
3.0 3.5 4.0 4.5 5.0 5.5
H2O (g/kg)
16 20 24
Θ (°C)
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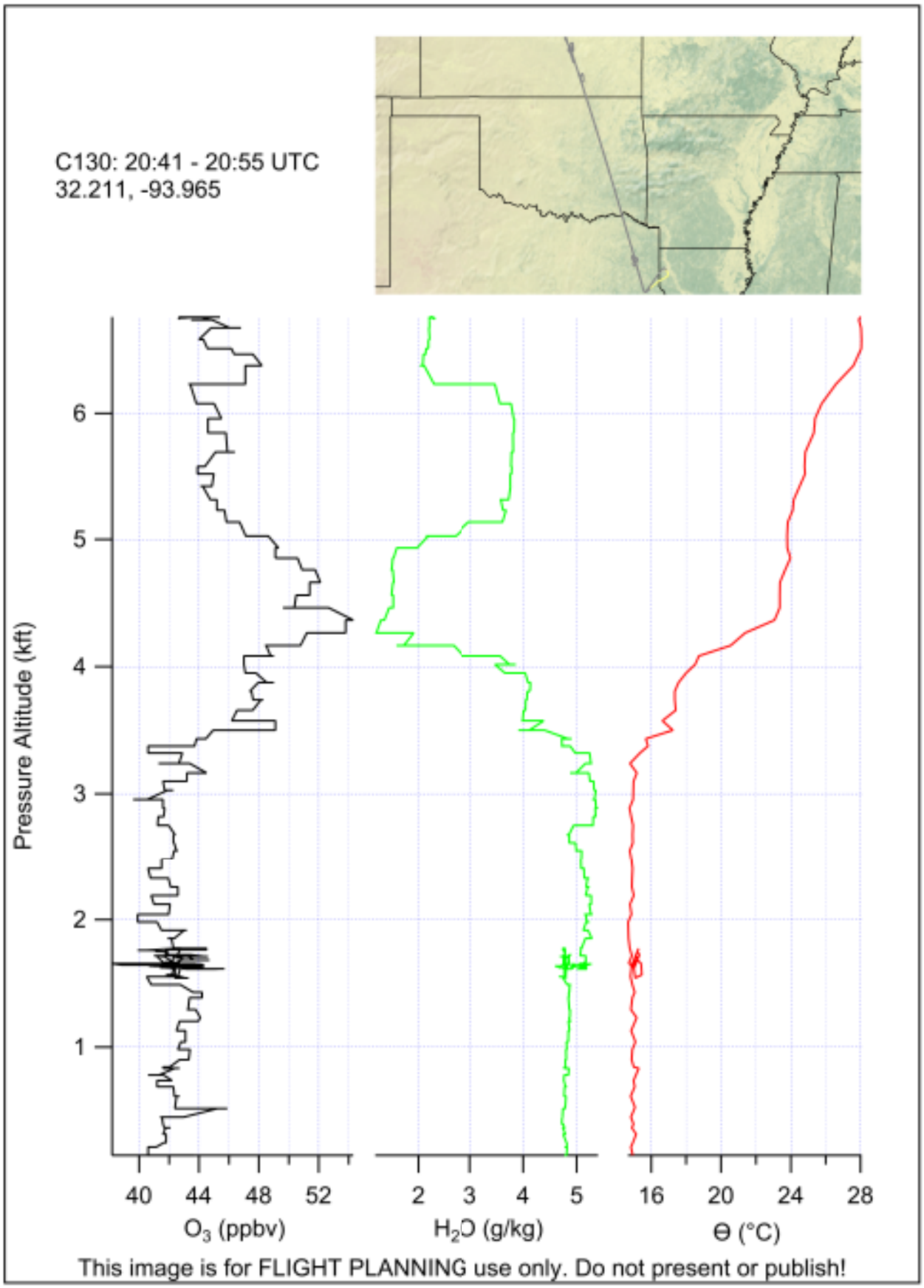
C130: 20:41 - 20:55 UTC
32.211, -93.965
Pressure Altitude (kft)
6
5
4
3
2
1
40
44
48
52
O3 (ppbv)
2
3
4
5
H2O (g/kg)
16
20
24
28
Θ (°C)
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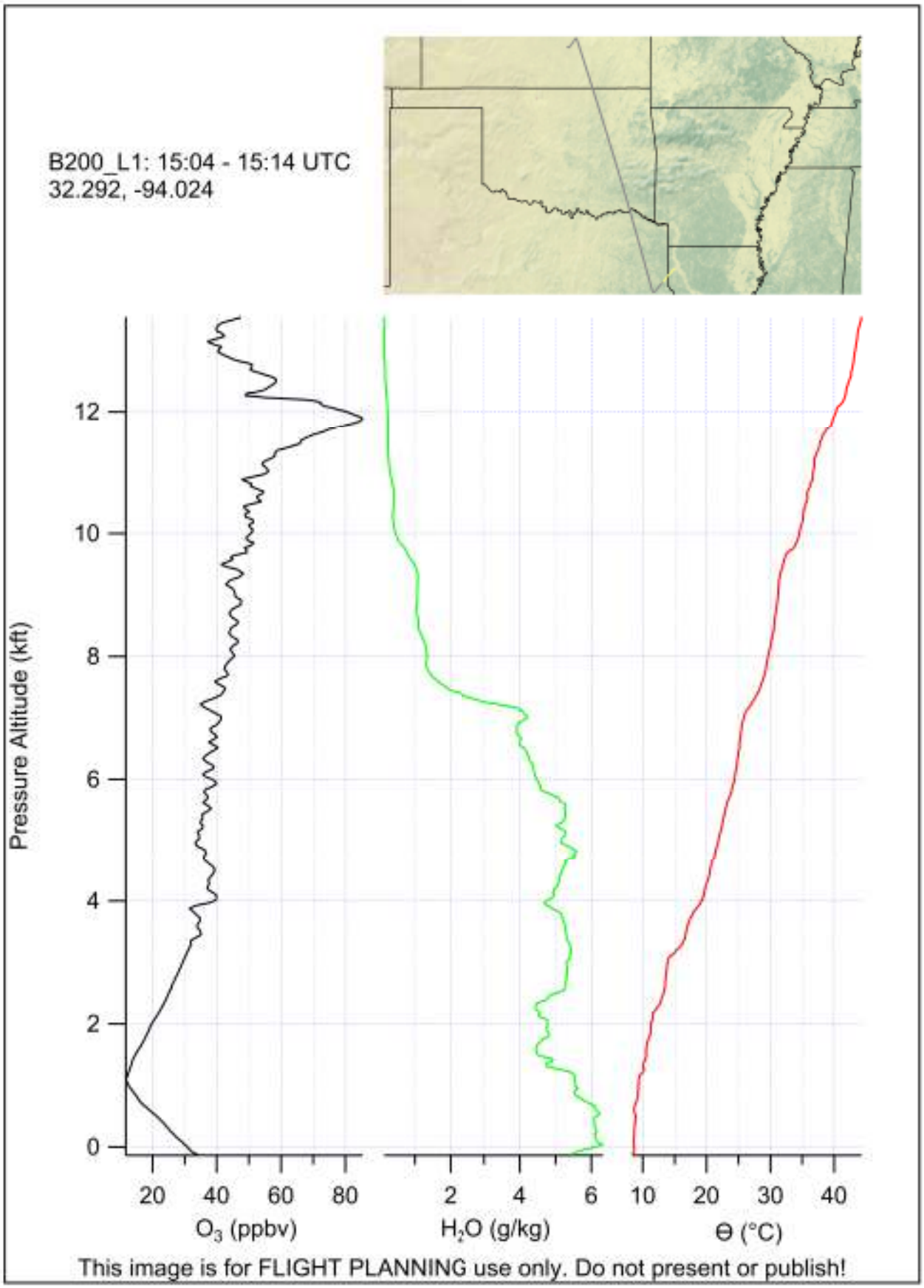
B200_L1: 15:04 - 15:14 UTC
32.292, -94.024
Pressure Altitude (kft)
0
2
4
6
8
10
12
20
40
60
80
O3 (ppbv)
2
4
6
H2O (g/kg)
10
20
30
40
Θ (°C)
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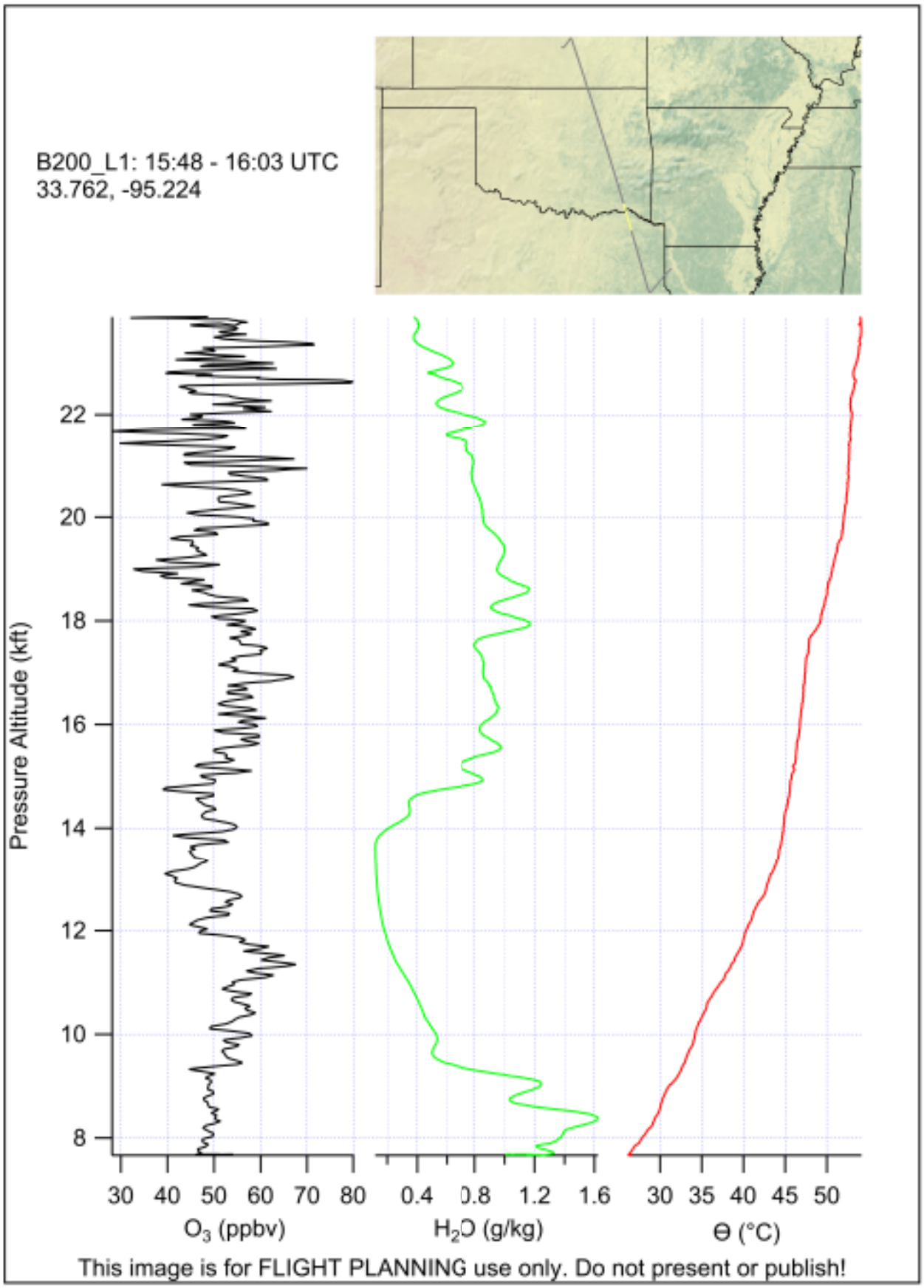
B200_L1: 15:48 - 16:03 UTC
33.762, -95.224
Pressure Altitude (kft)
22
20
18
16
14
12
10
8
30 40 50 60 70 80
O3 (ppbv)
0.4 0.8 1.2 1.6
H2O (g/kg)
30 35 40 45 50
Θ (°C)
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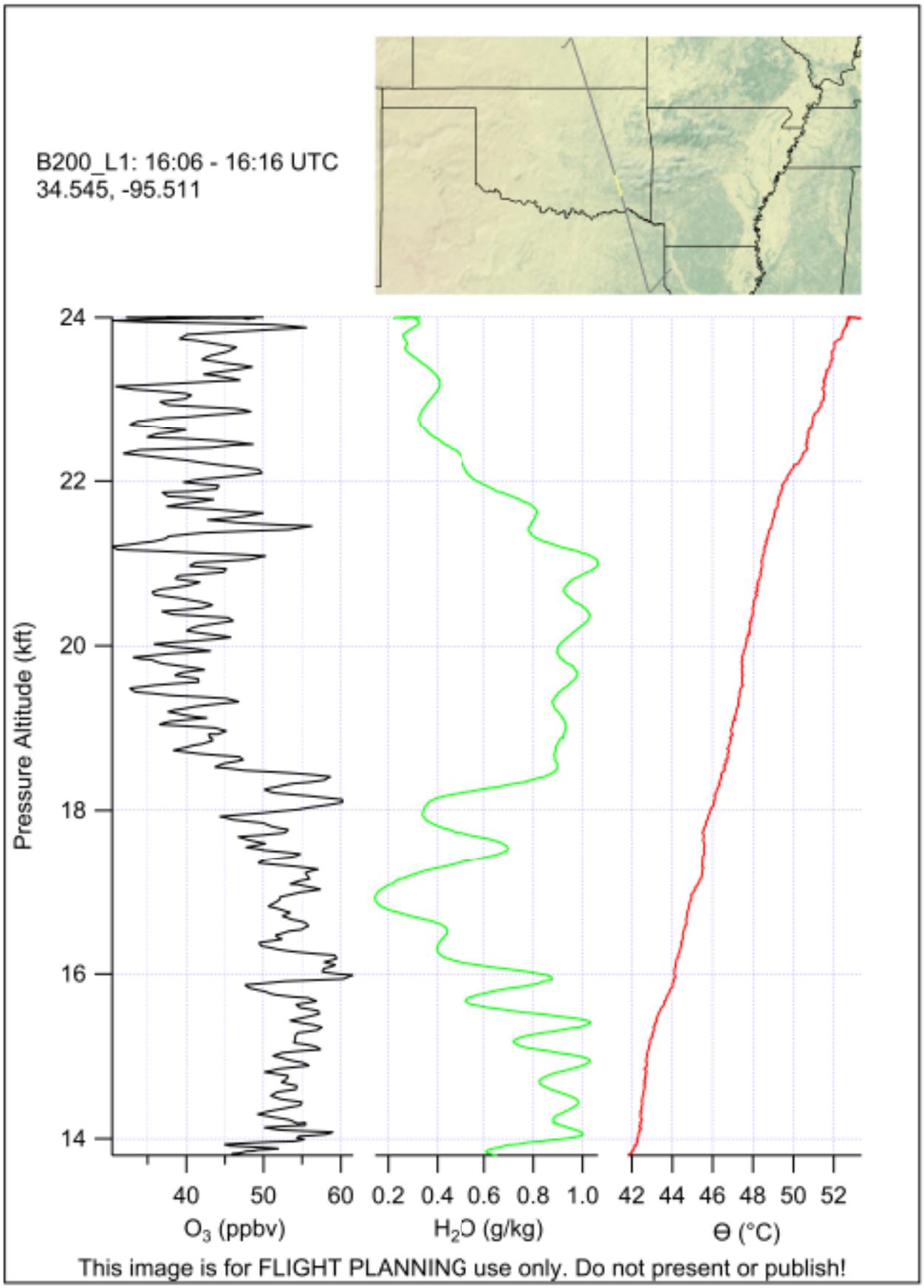
B200_L1: 16:06 - 16:16 UTC
34.545, -95.511
Pressure Altitude (kft)
24
22
20
18
16
14
40
50
60
O3 (ppbv)
0.2
0.4
0.6
0.8
1.0
H2O (g/kg)
42
44
46
48
50
52
Θ (°C)
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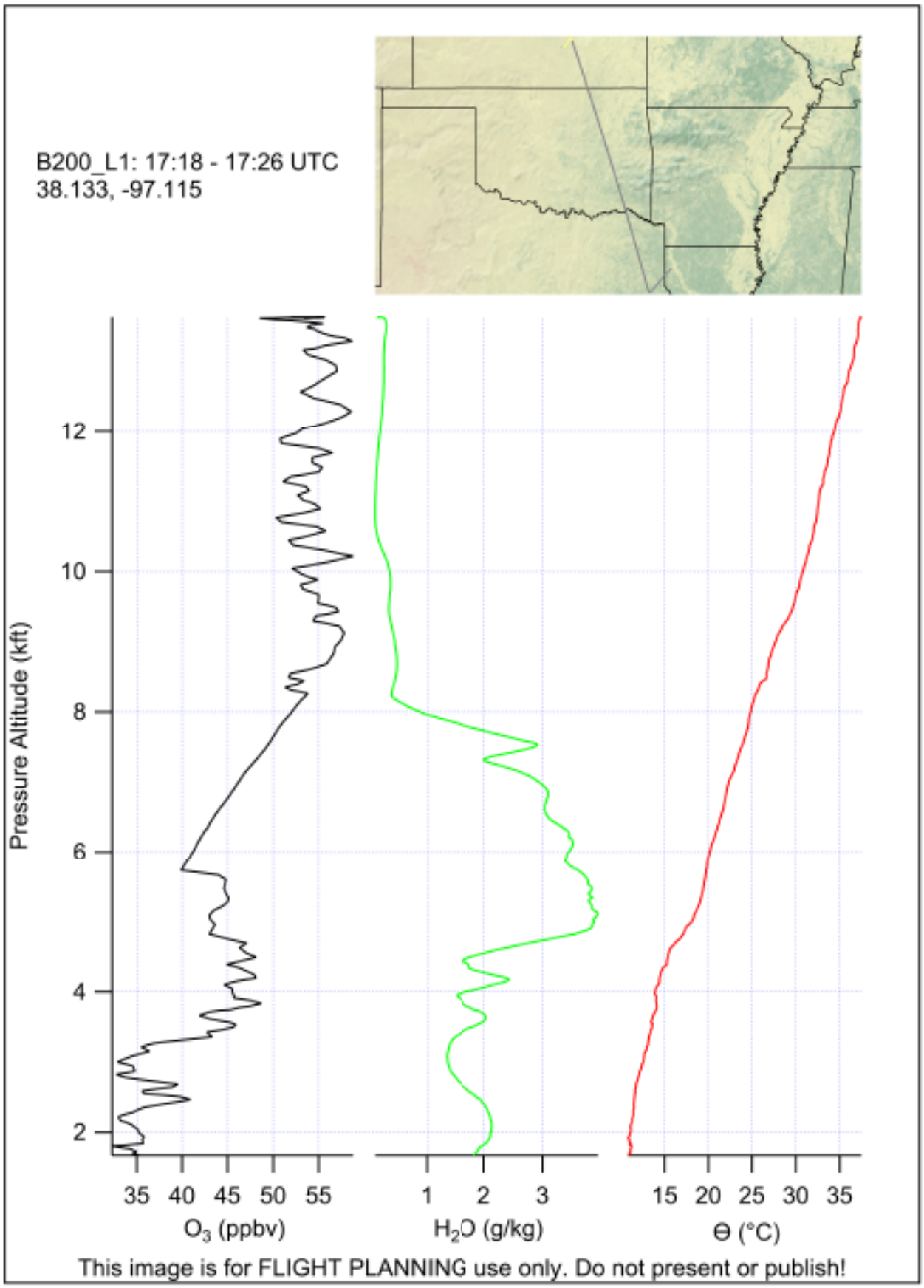
B200_L1: 17:18 - 17:26 UTC
38.133, -97.115
Pressure Altitude (kft)
12
10
8
6
4
2
35 40 45 50 55
O3 (ppbv)
1 2 3
H2O (g/kg)
15 20 25 30 35
Θ (°C)
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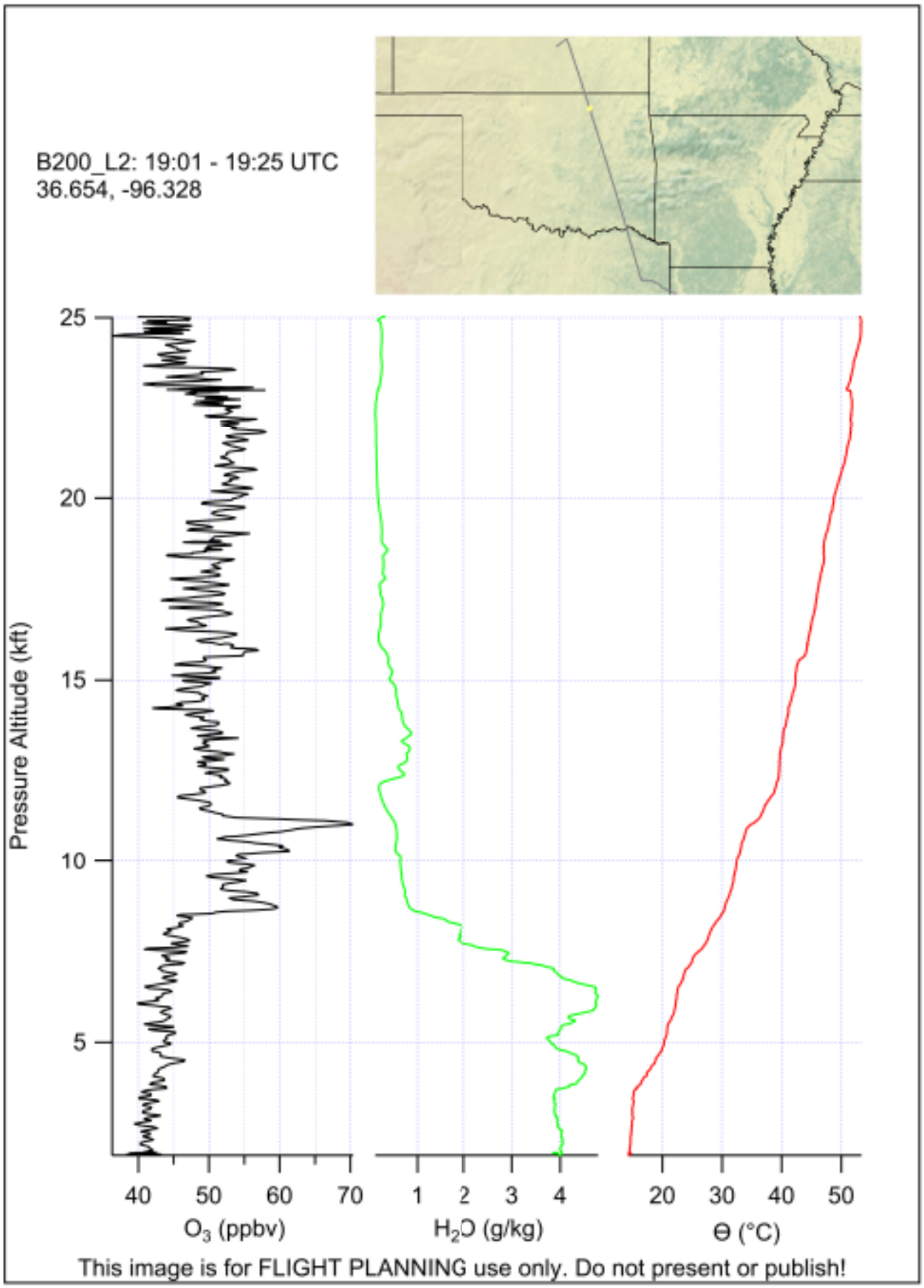
B200_L2: 19:01 - 19:25 UTC
36.654, -96.328
Pressure Altitude (kft)
25
20
15
10
5
40
50
60
70
O3 (ppbv)
1
2
3
4
H2O (g/kg)
20
30
40
50
Θ (°C)
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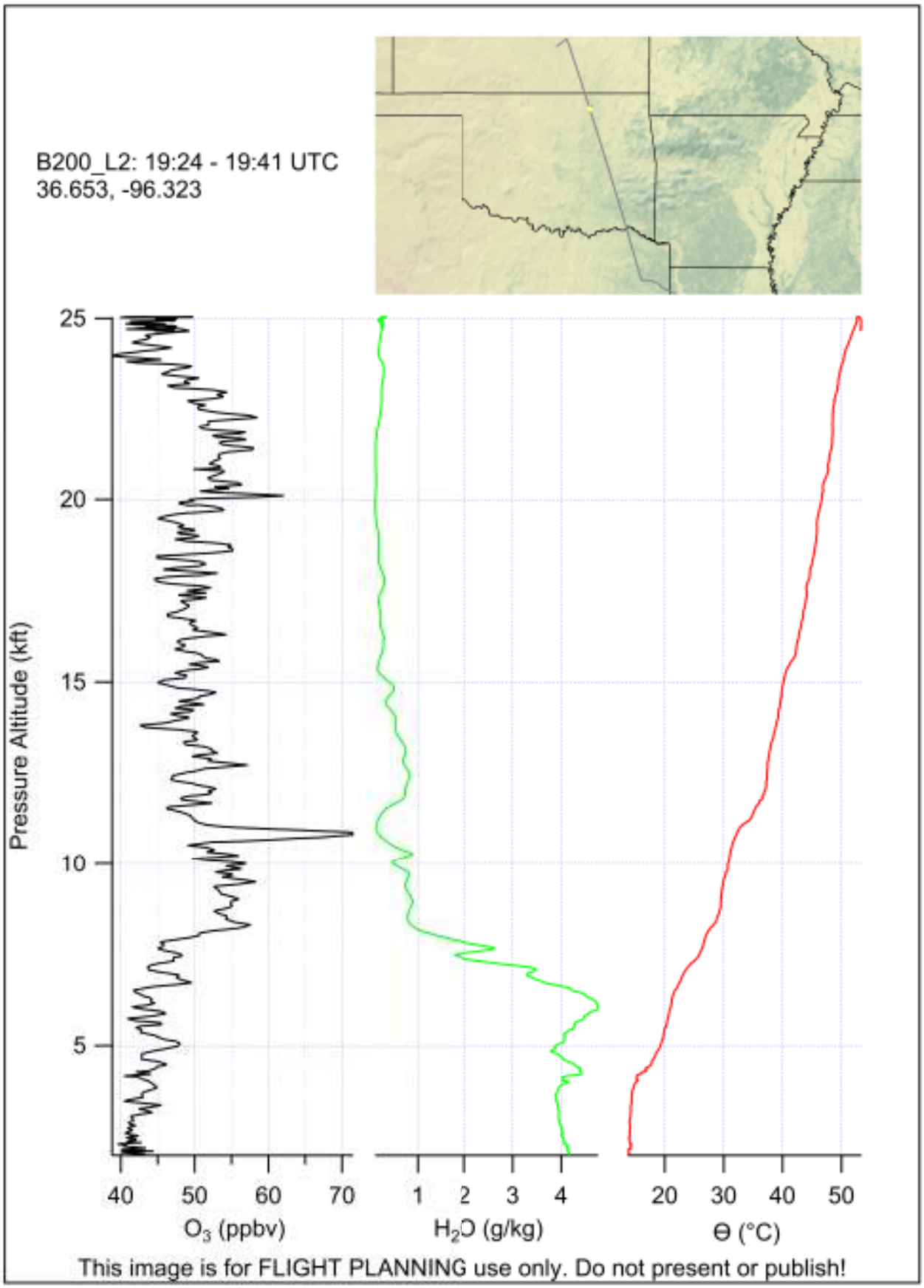
B200_L2: 19:24 - 19:41 UTC
36.653, -96.323
Pressure Altitude (kft)
25
20
15
10
5
40
50
60
70
O3 (ppbv)
1
2
3
4
H2O (g/kg)
20
30
40
50
Θ (°C)
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