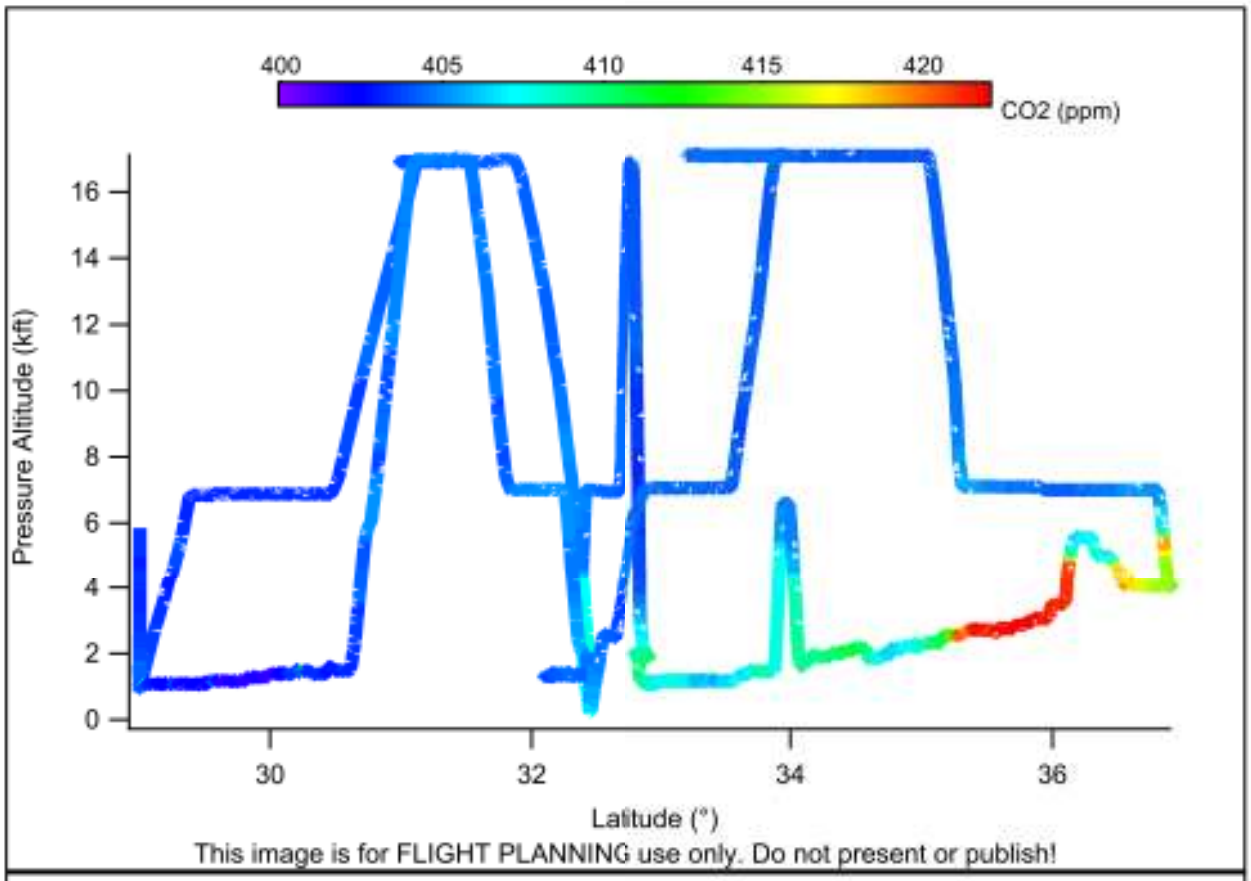
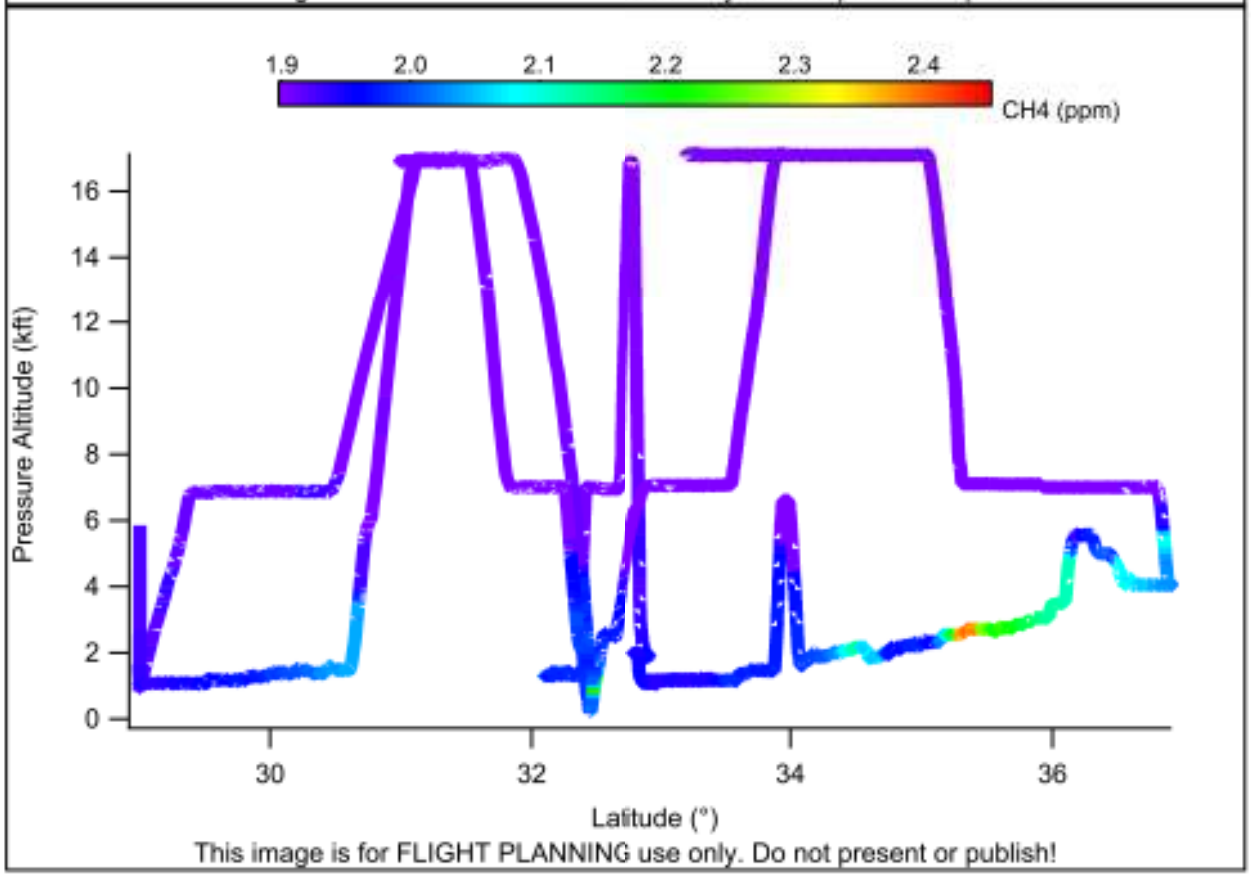
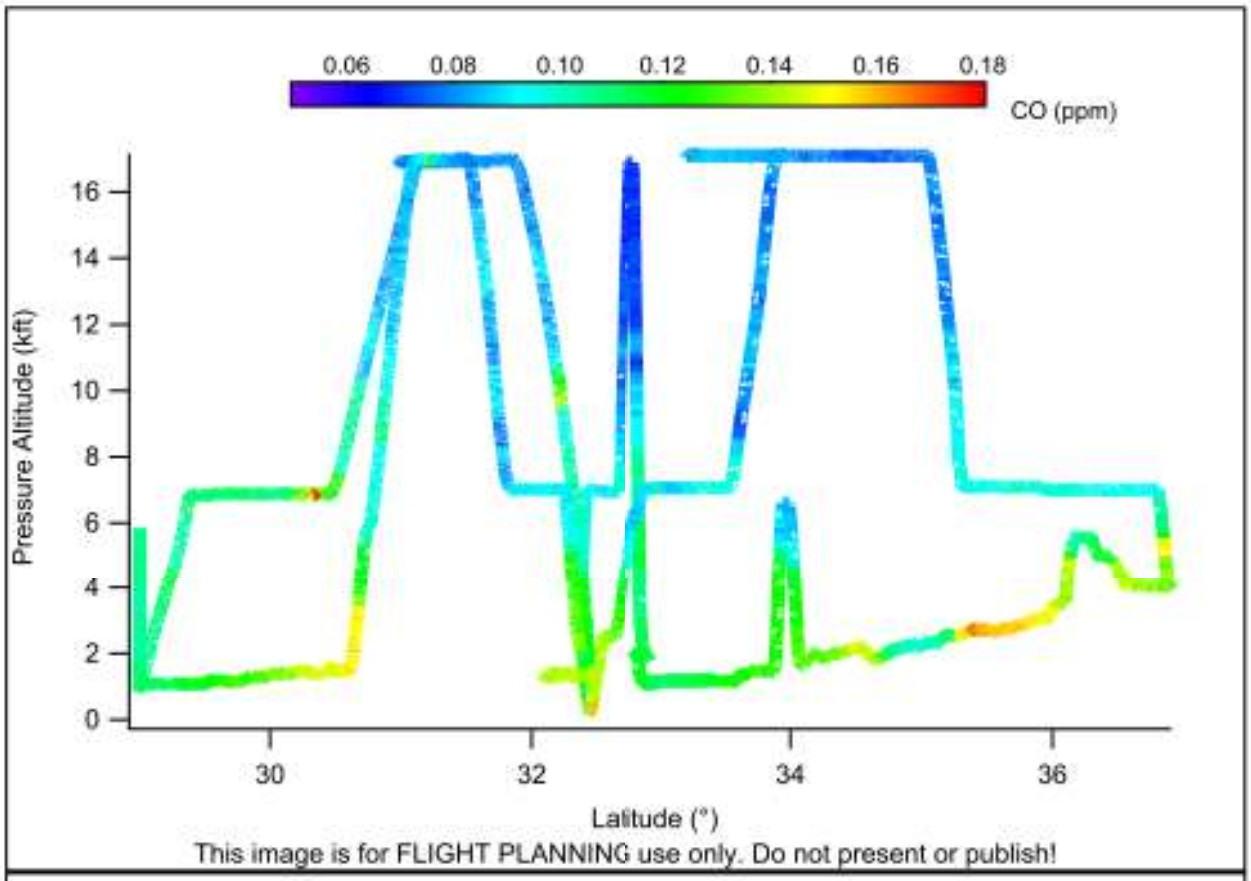
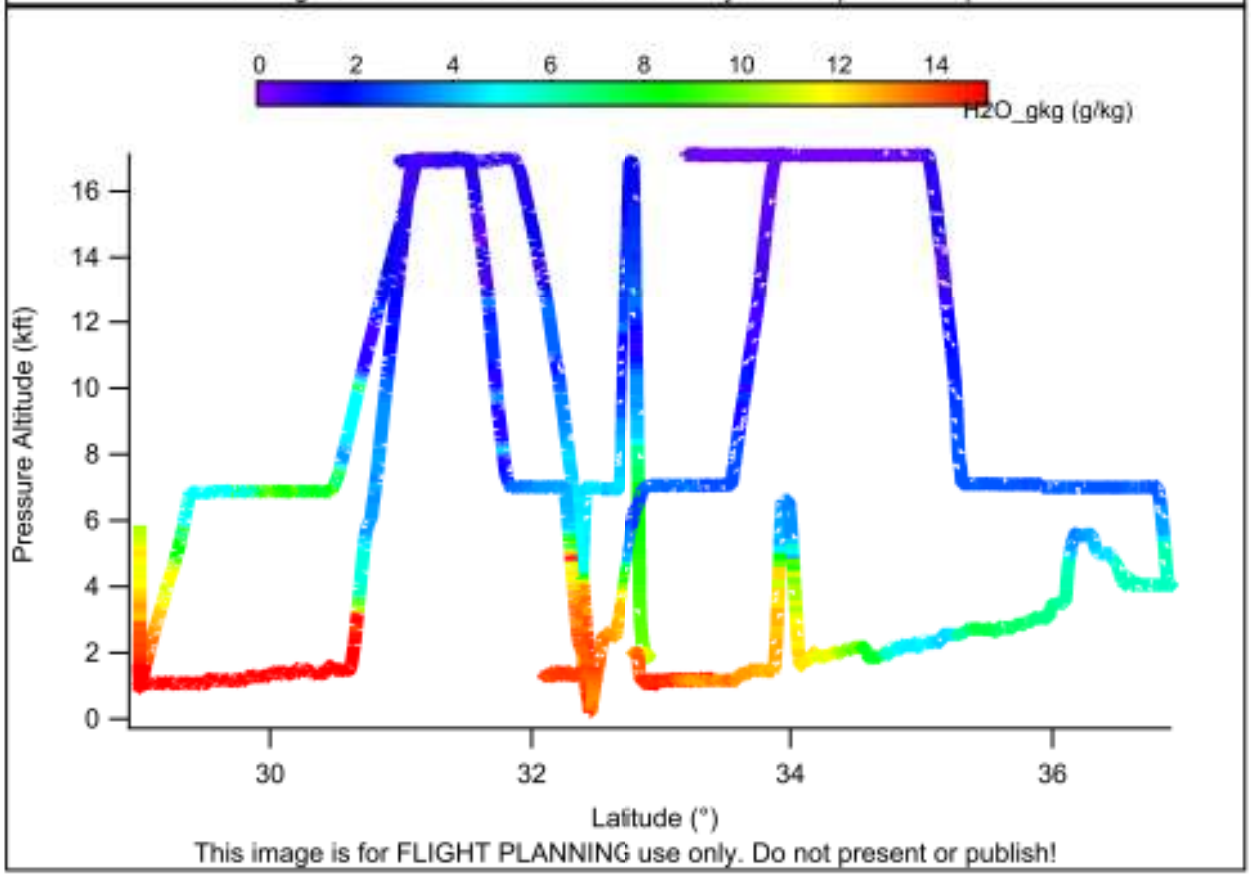
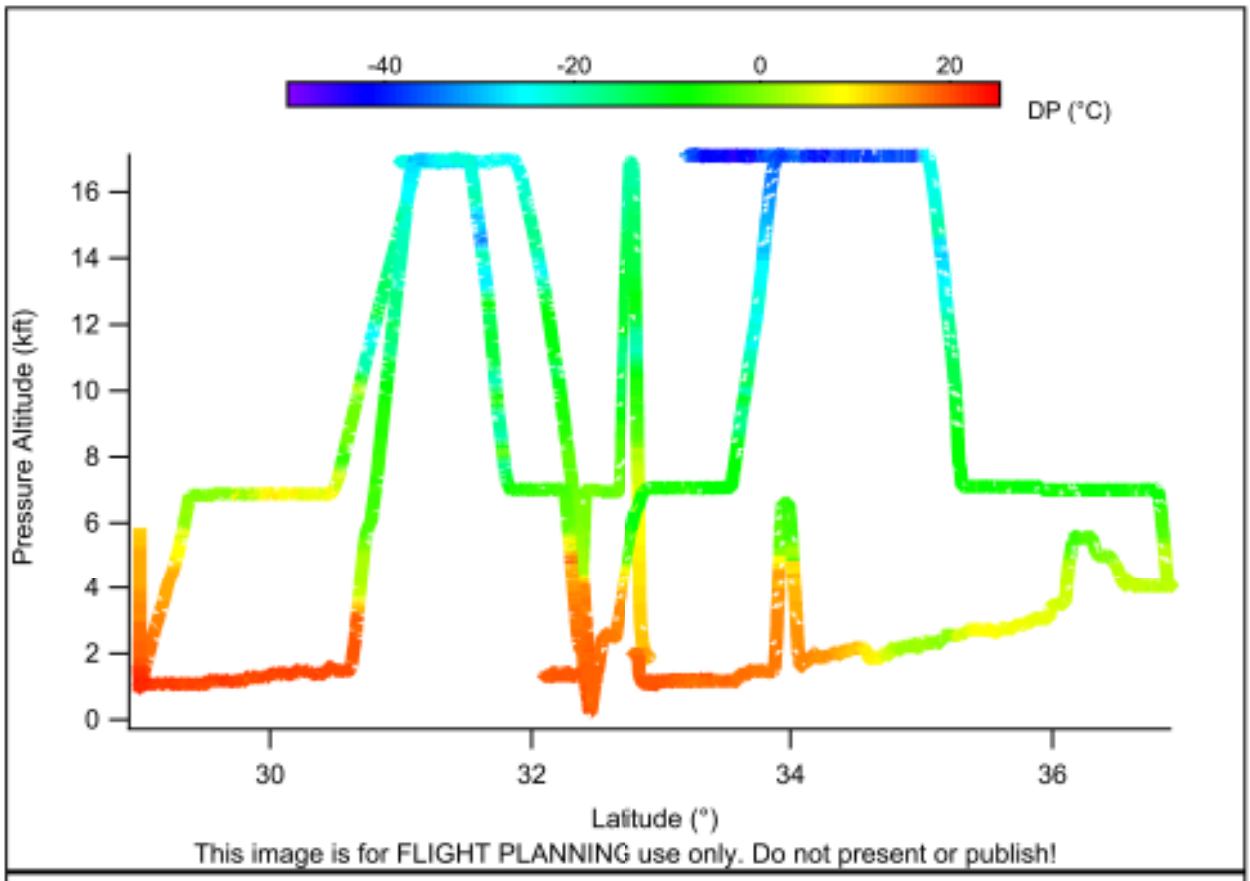
ACT-America 20171102

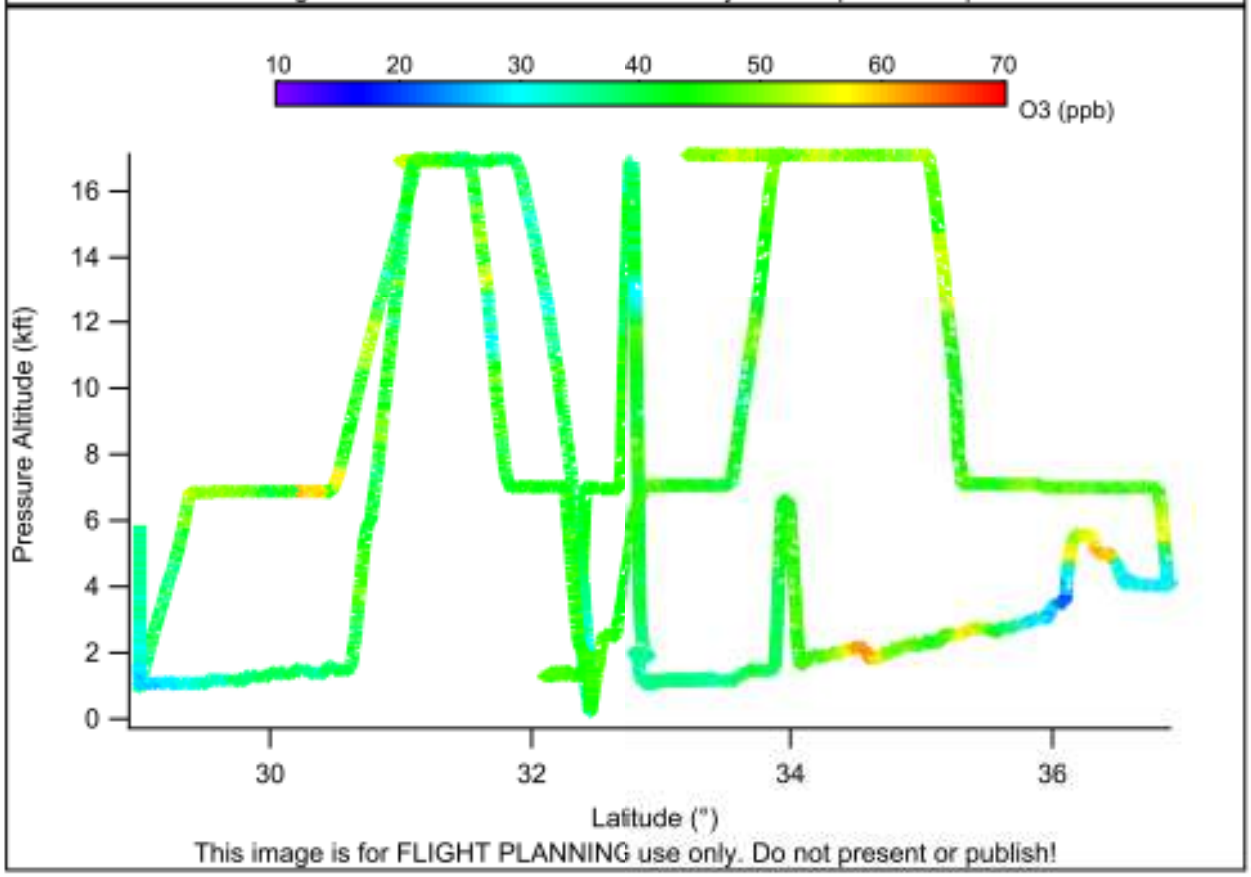

400
405
410
415
420
CO2 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
30
32
34
36
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

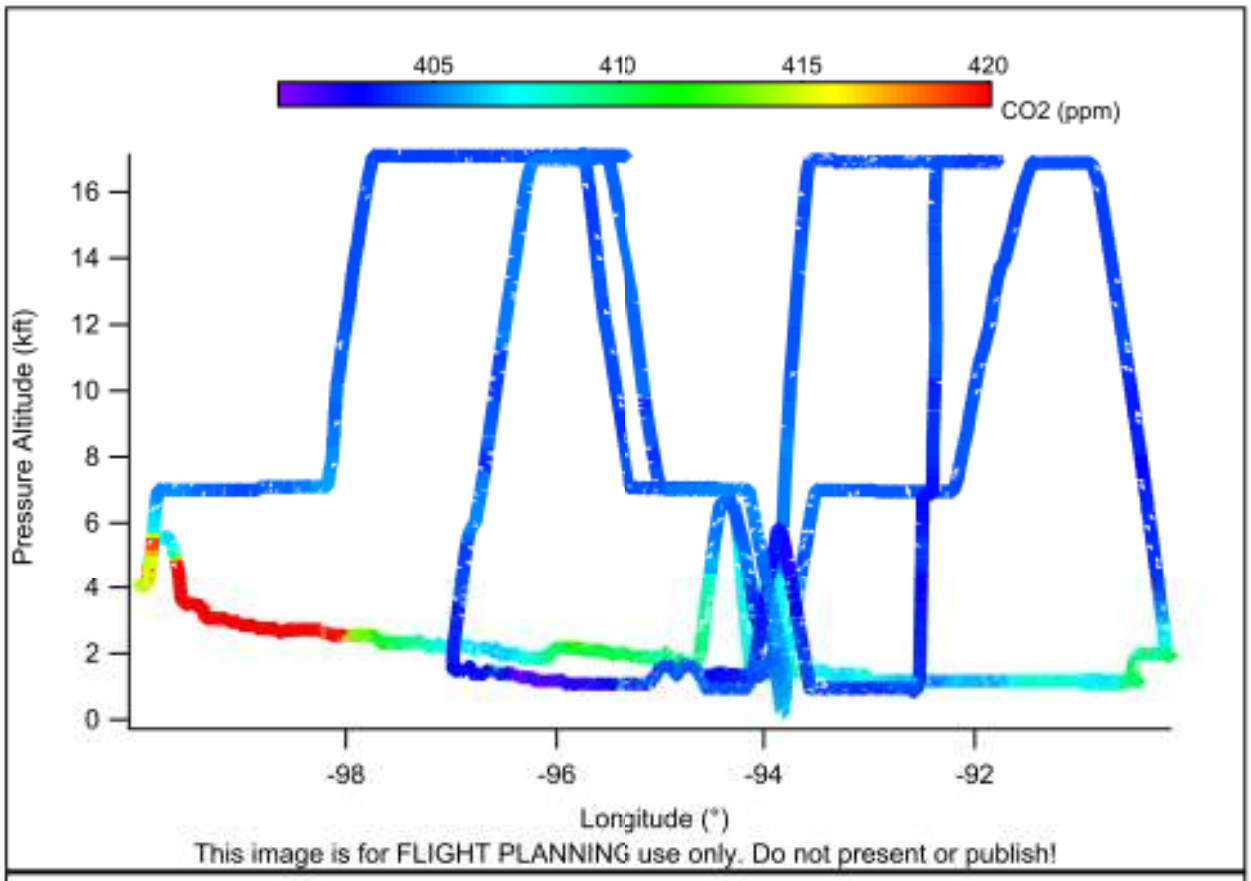

1.9
2.0
2.1
2.2
2.3
2.4
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
30
32
34
36
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

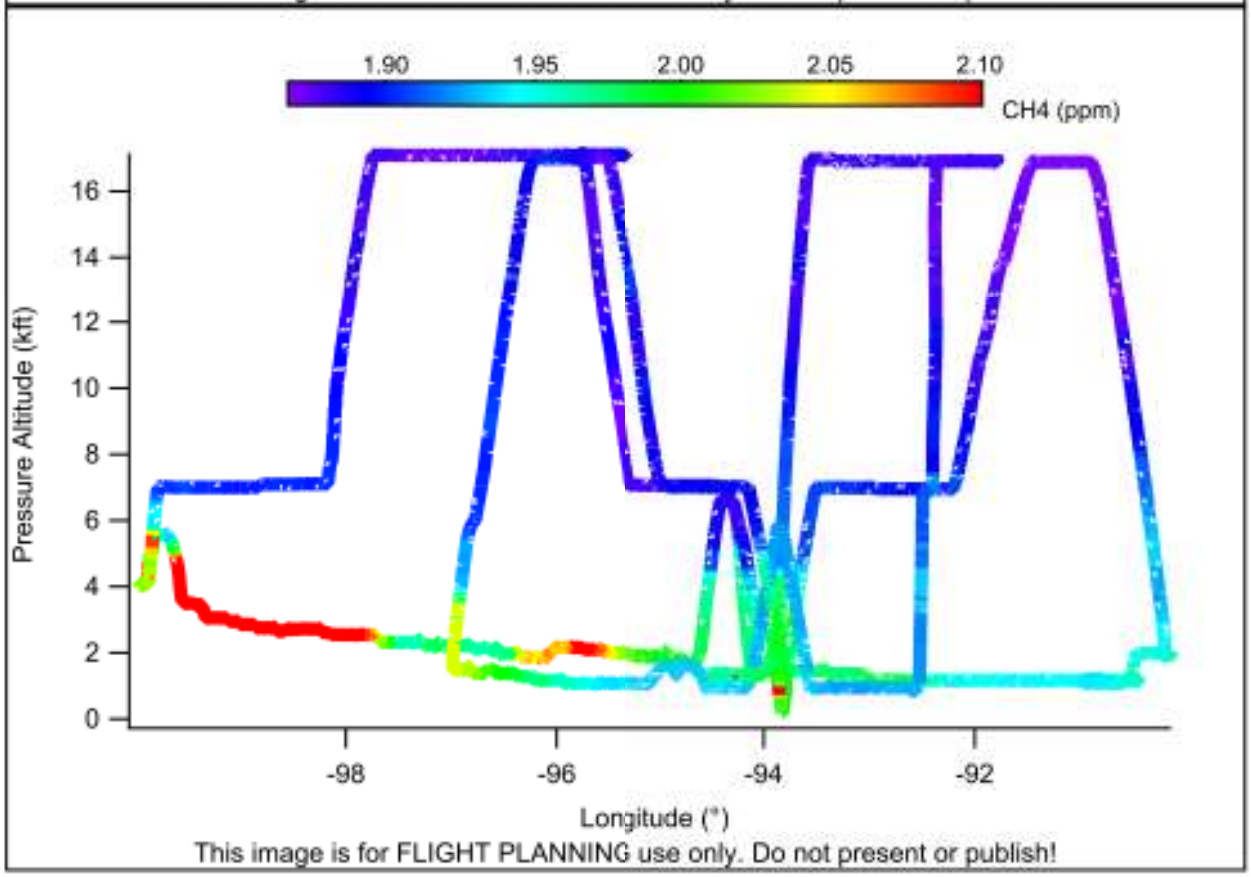

0.06
0.08
0.10
0.12
0.14
0.16
0.18
CO (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
30
32
34
36
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

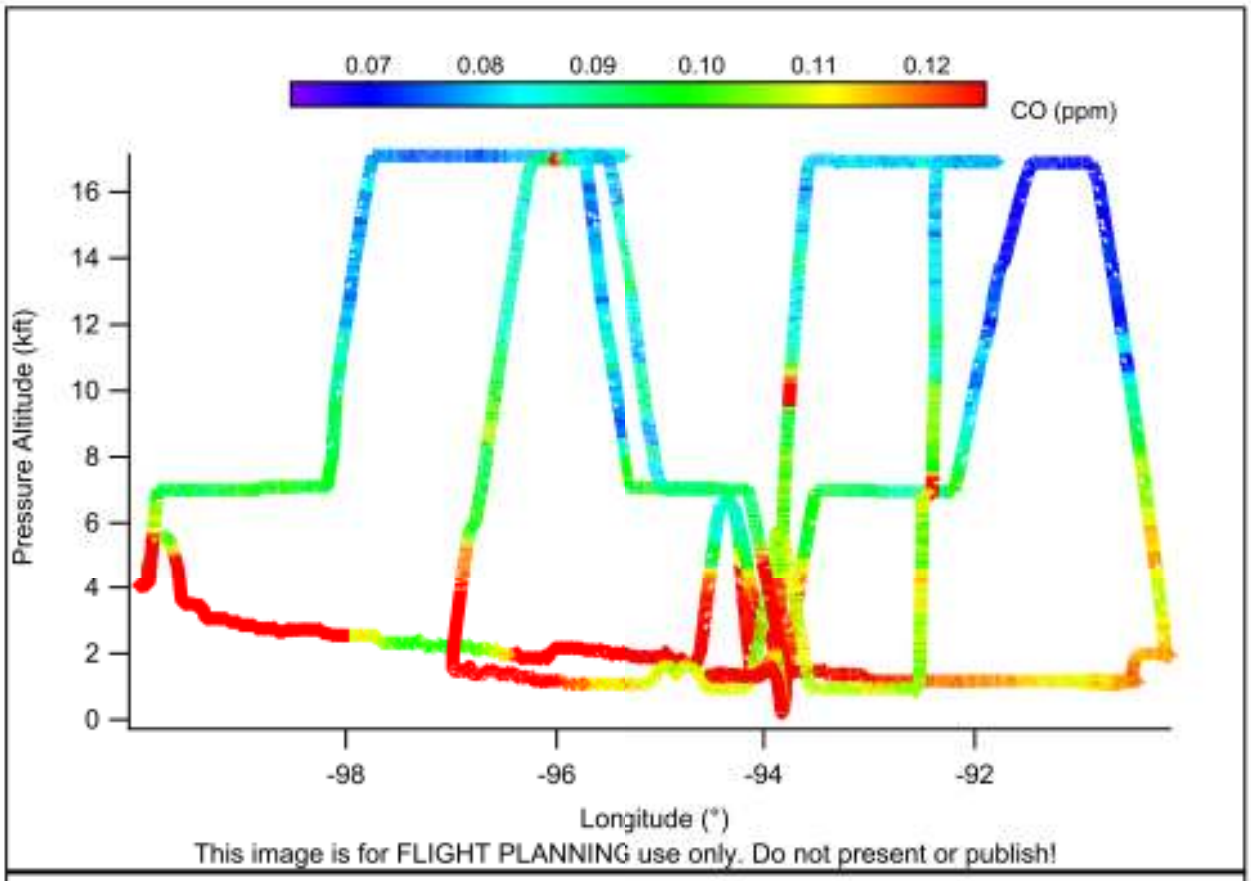

0
2
4
6
8
10
12
14
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
30
32
34
36
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

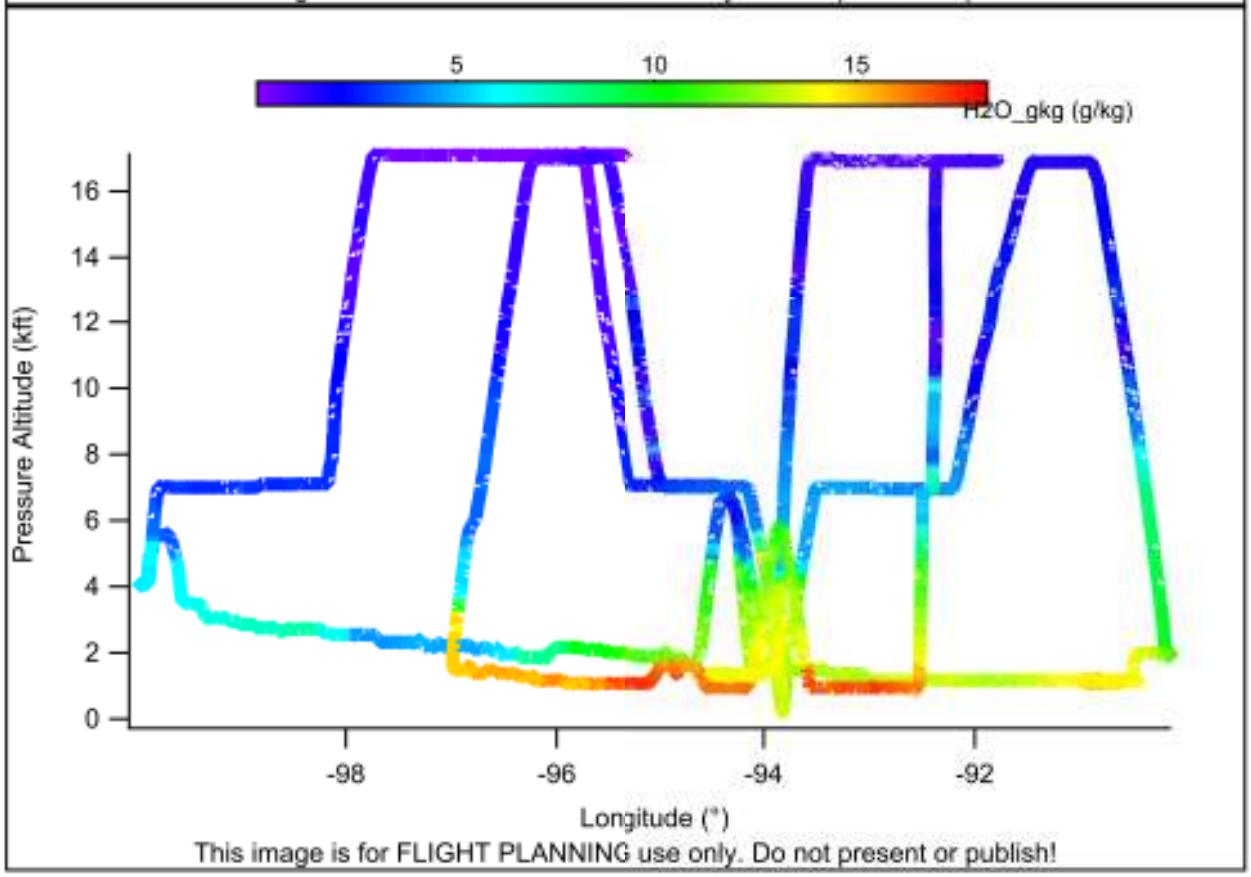

-40
-20
0
20
DP (°C)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
30
32
34
36
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

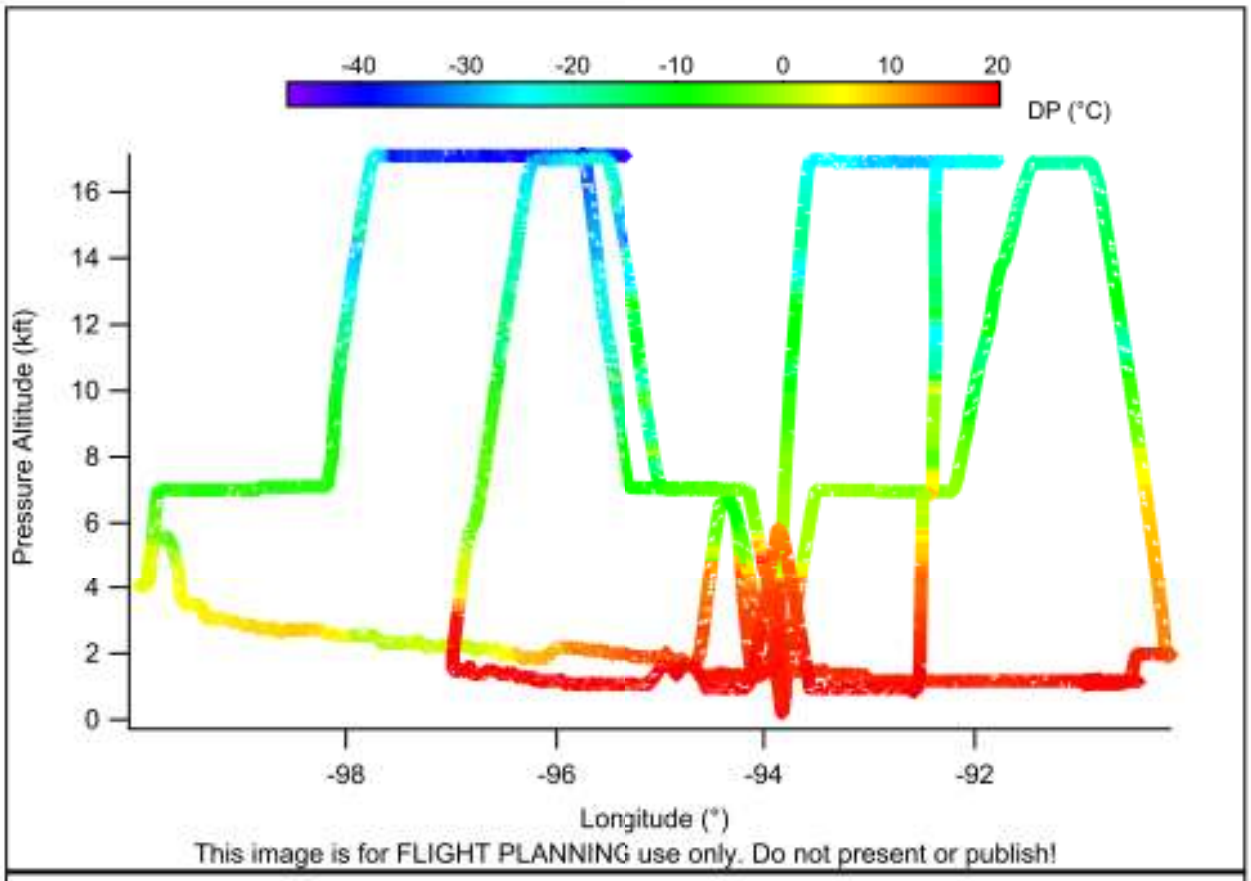

10
20
30
40
50
60
70
O3 (ppb)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
30
32
34
36
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

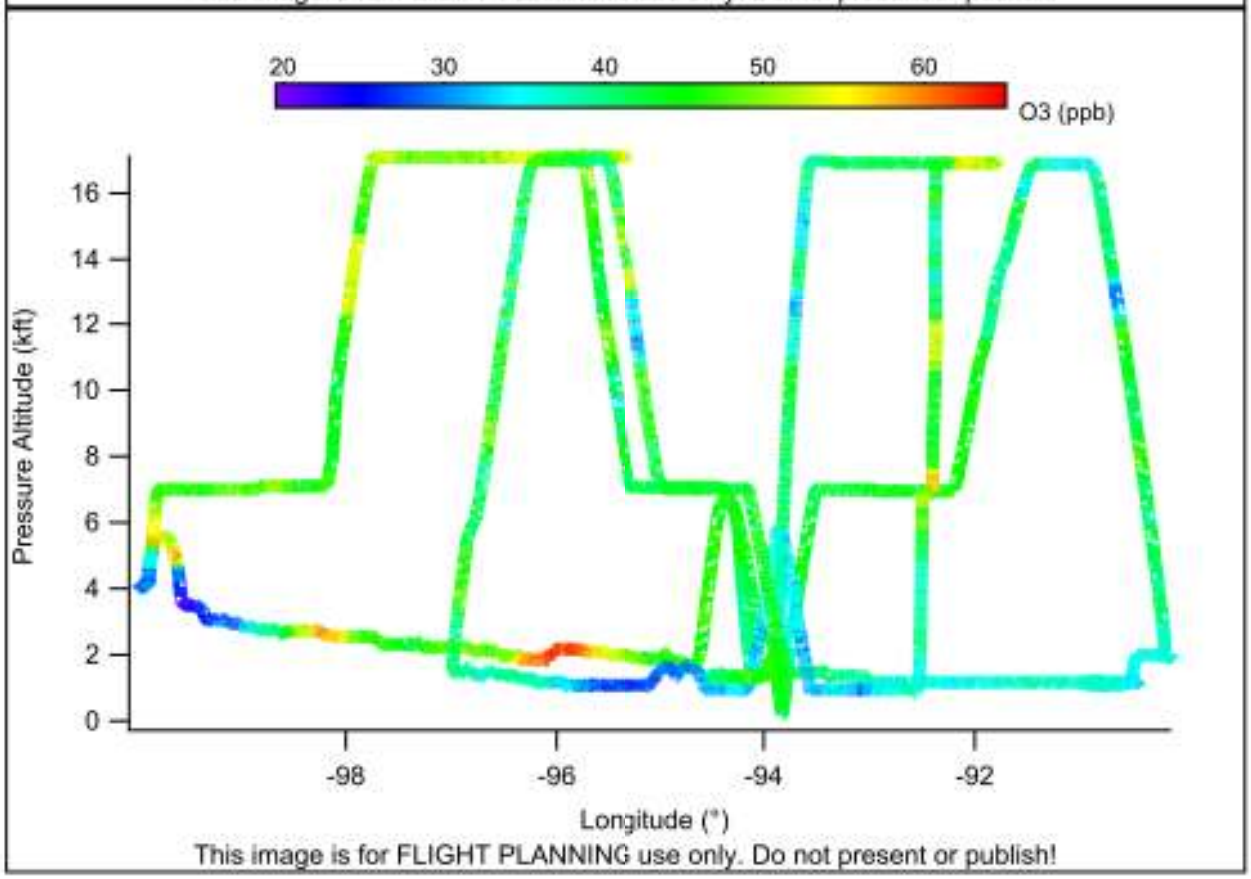

405
410
415
420
CO2 (ppm)
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

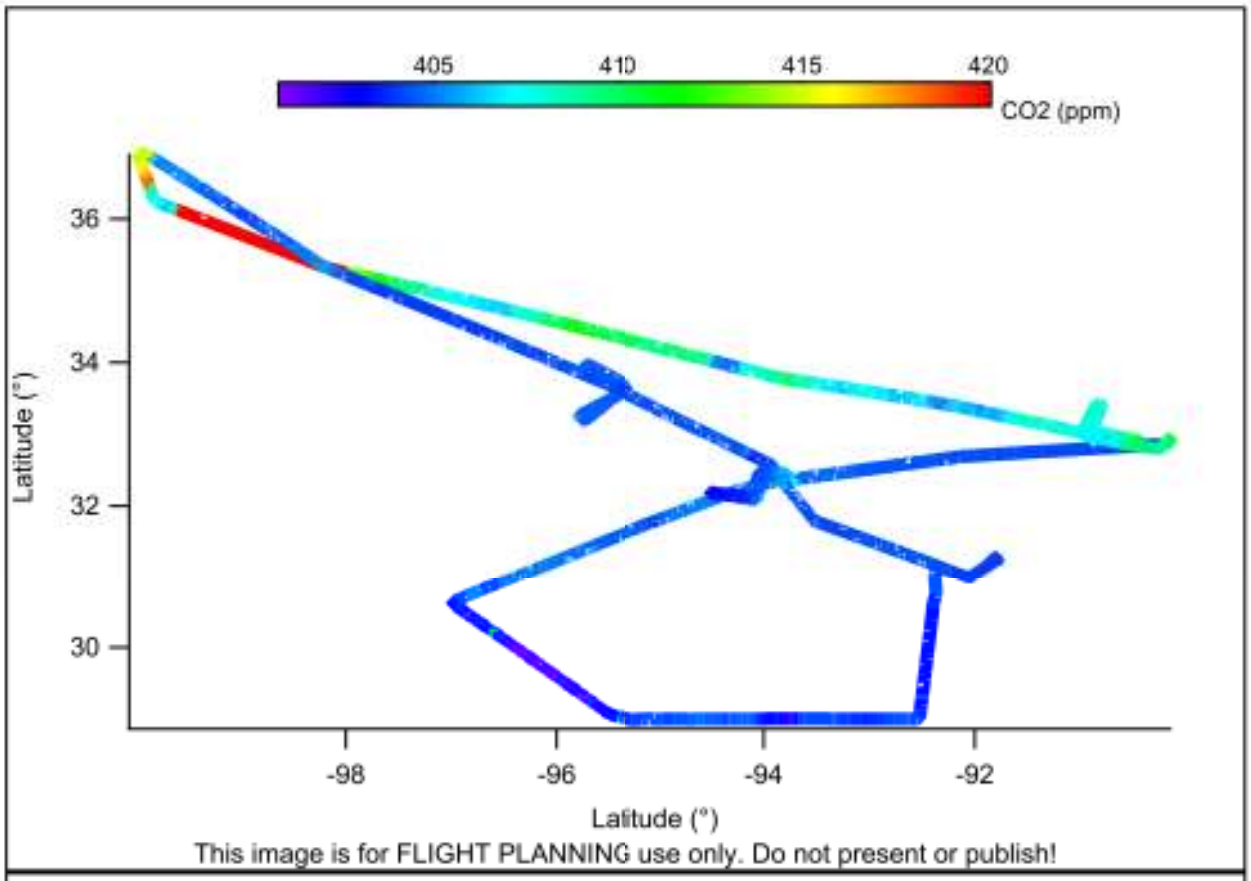

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

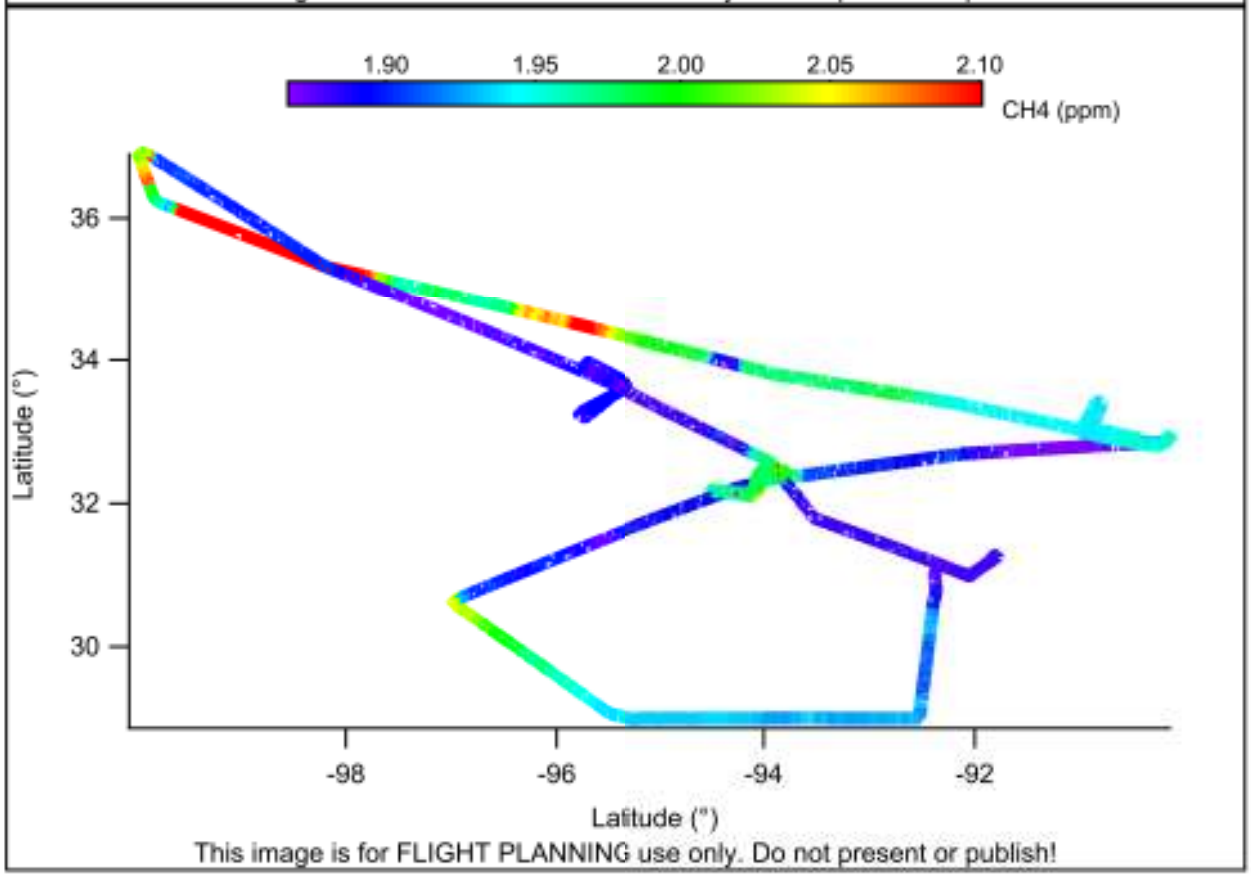

0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

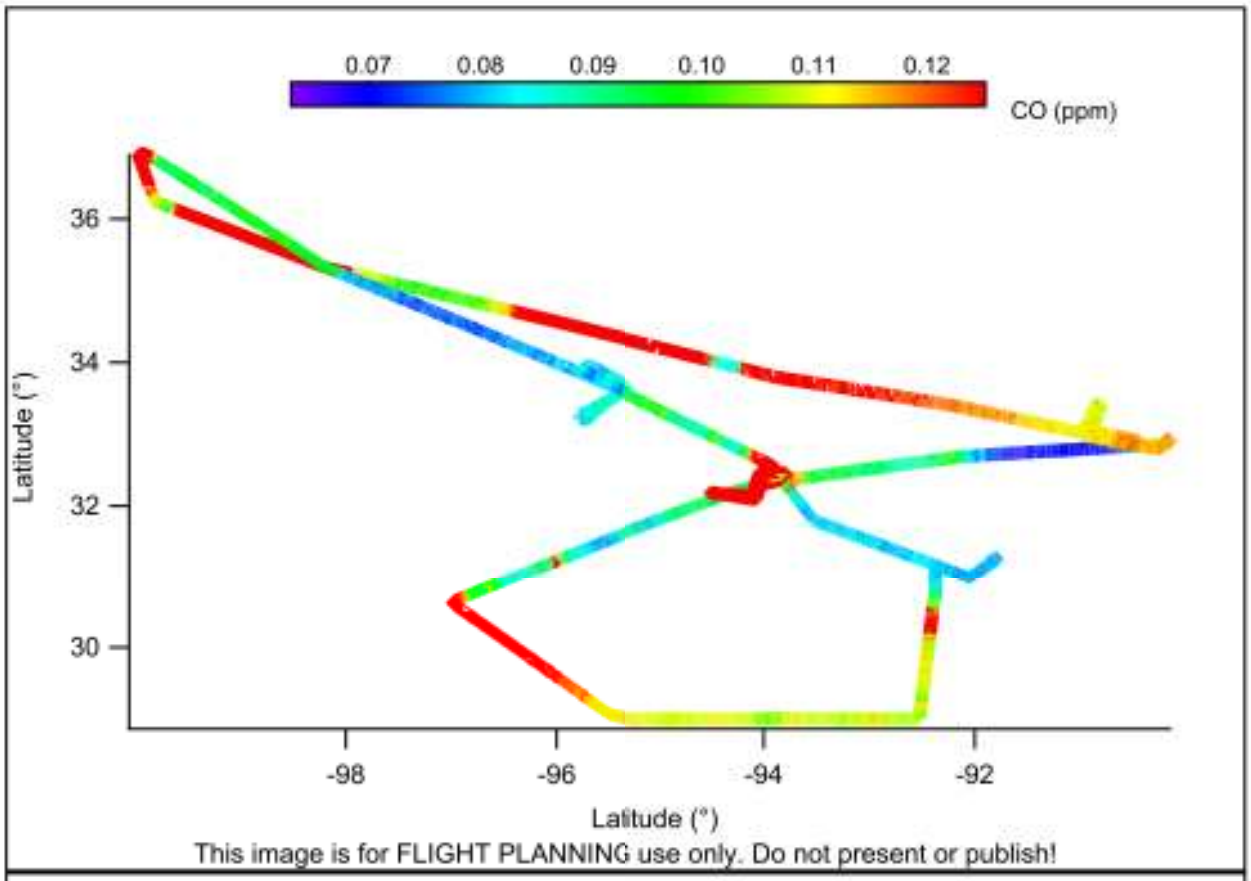

5
10
15
H2O_gkg (g/kg)
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

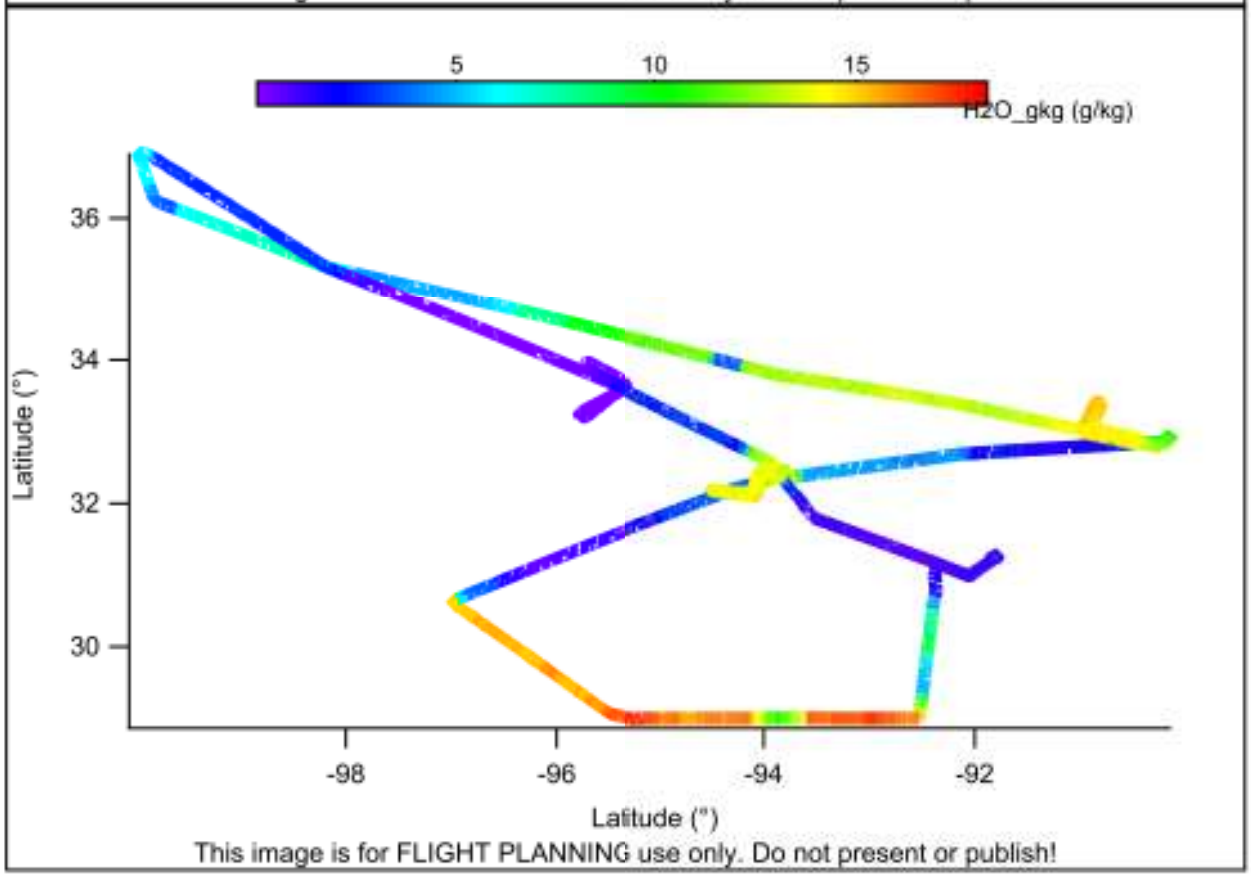

-40
-30
-20
-10
0
10
20
DP (°C)
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

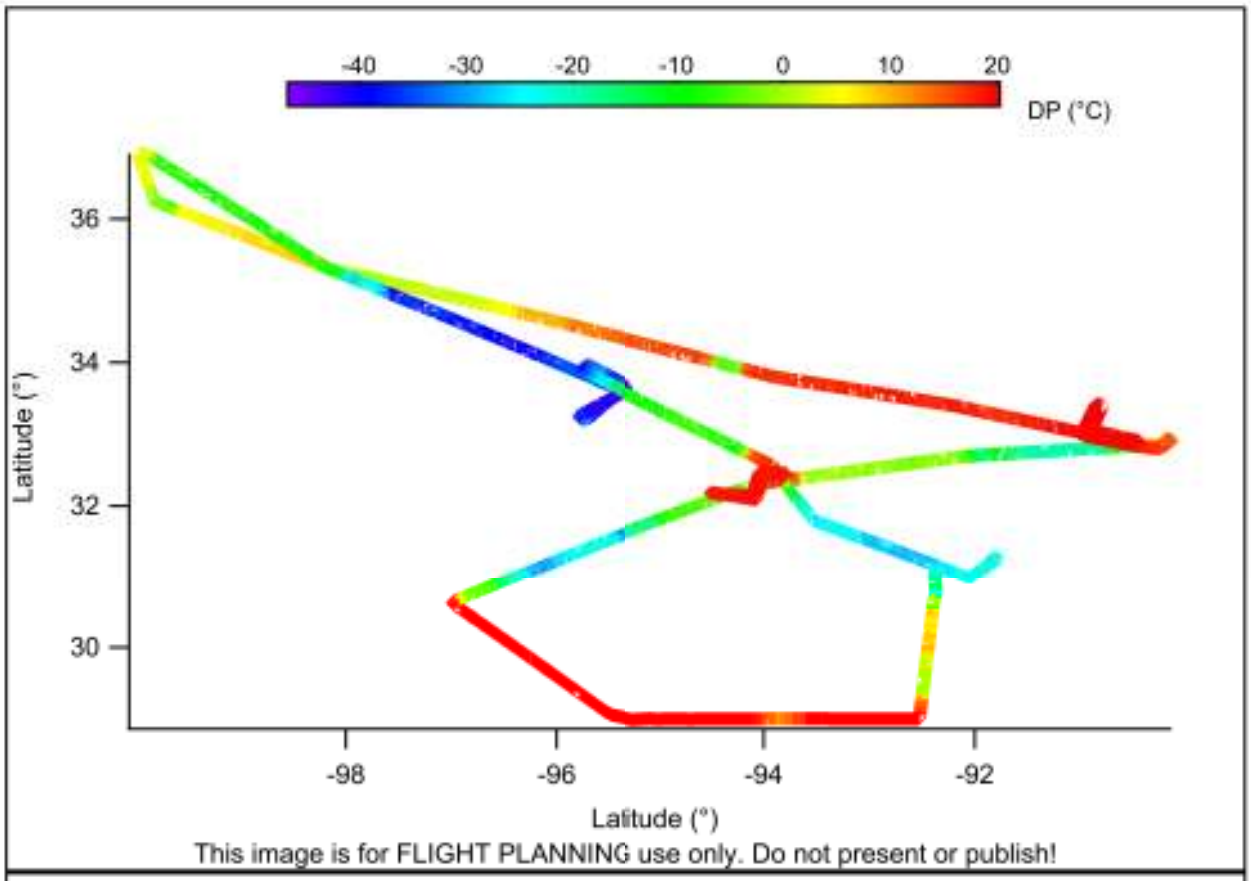

20
30
40
50
60
O3 (ppb)
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
-98
-96
-94
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

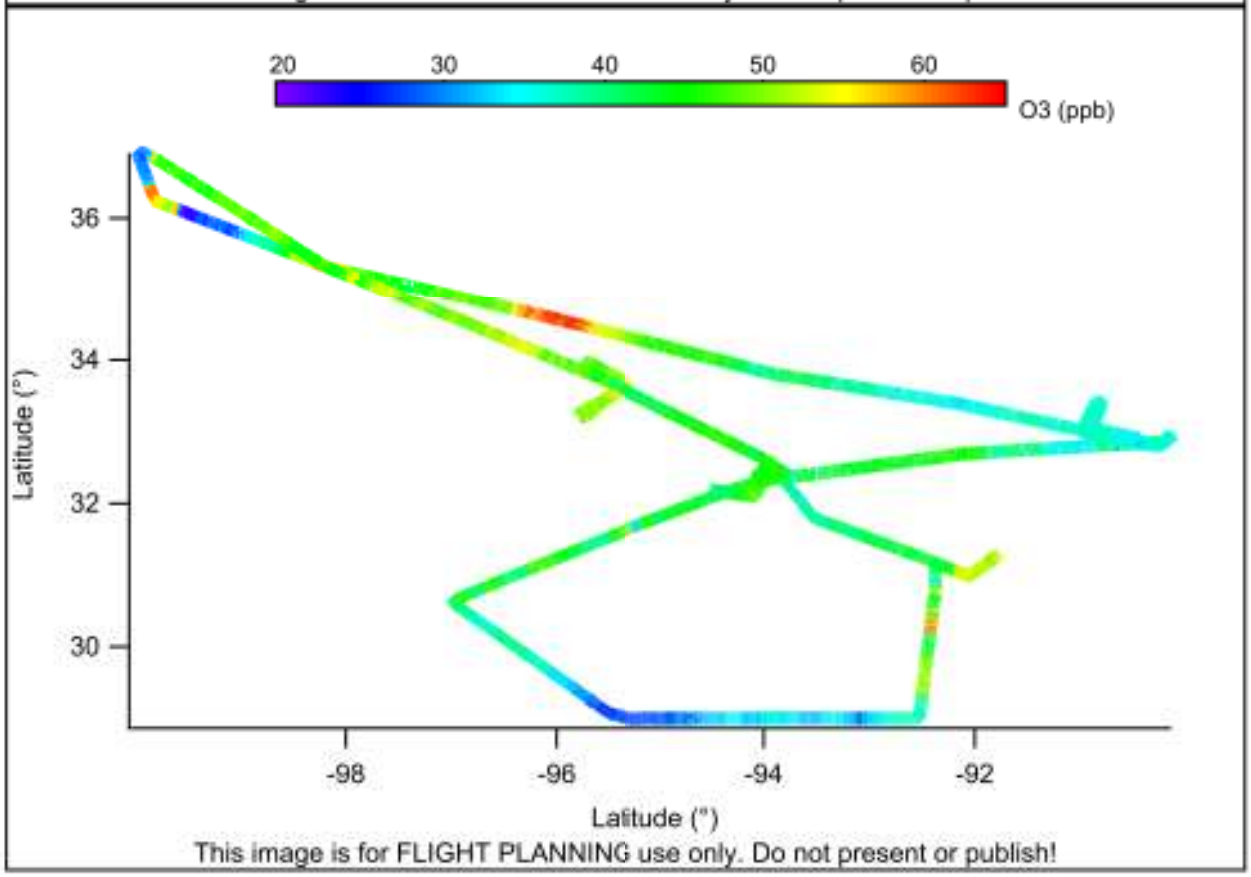

405
410
415
420
CO2 (ppm)
36
34
32
30
Latitude (°)
-98
-96
-94
-92
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

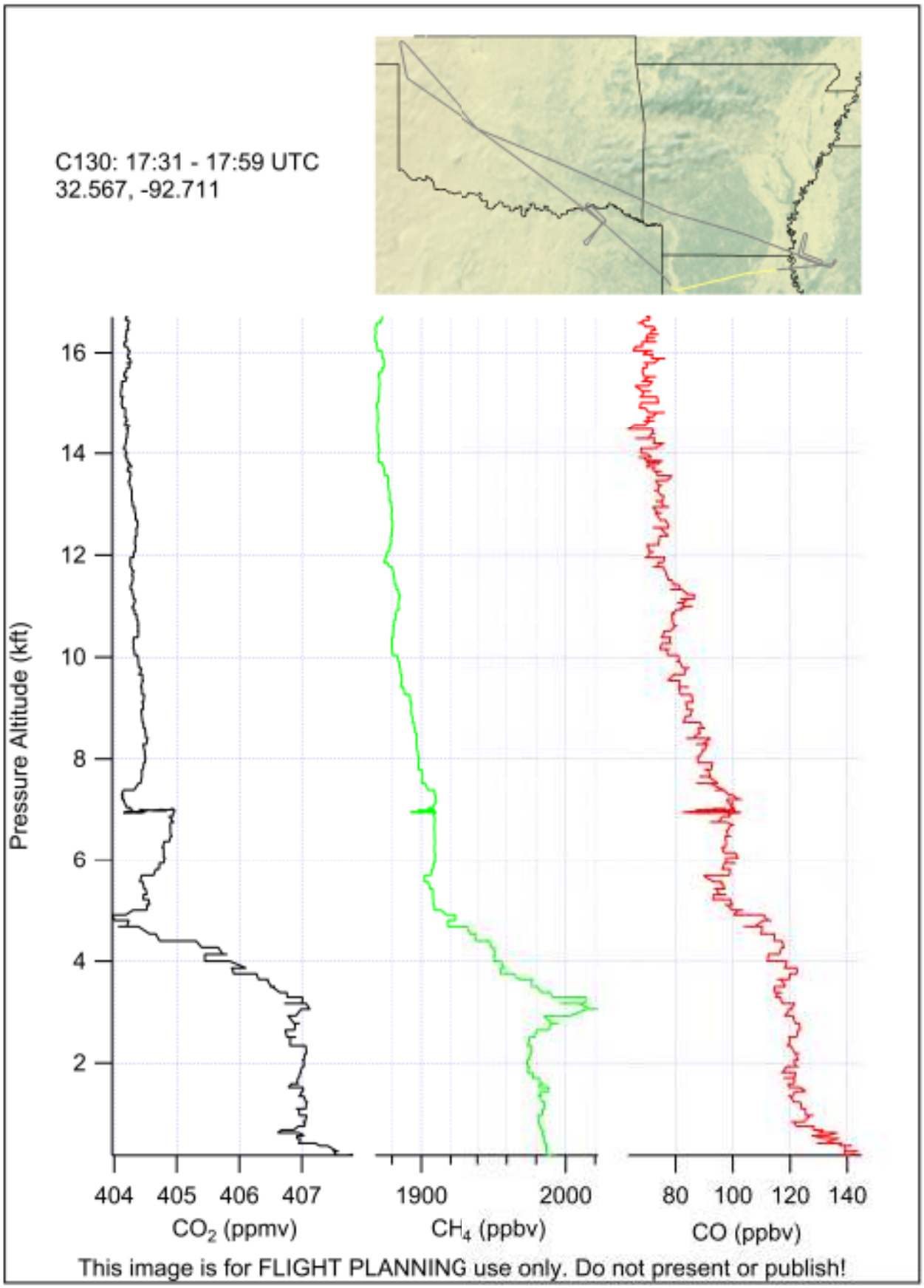

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
36
34
32
30
Latitude (°)
-98
-96
-94
-92
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

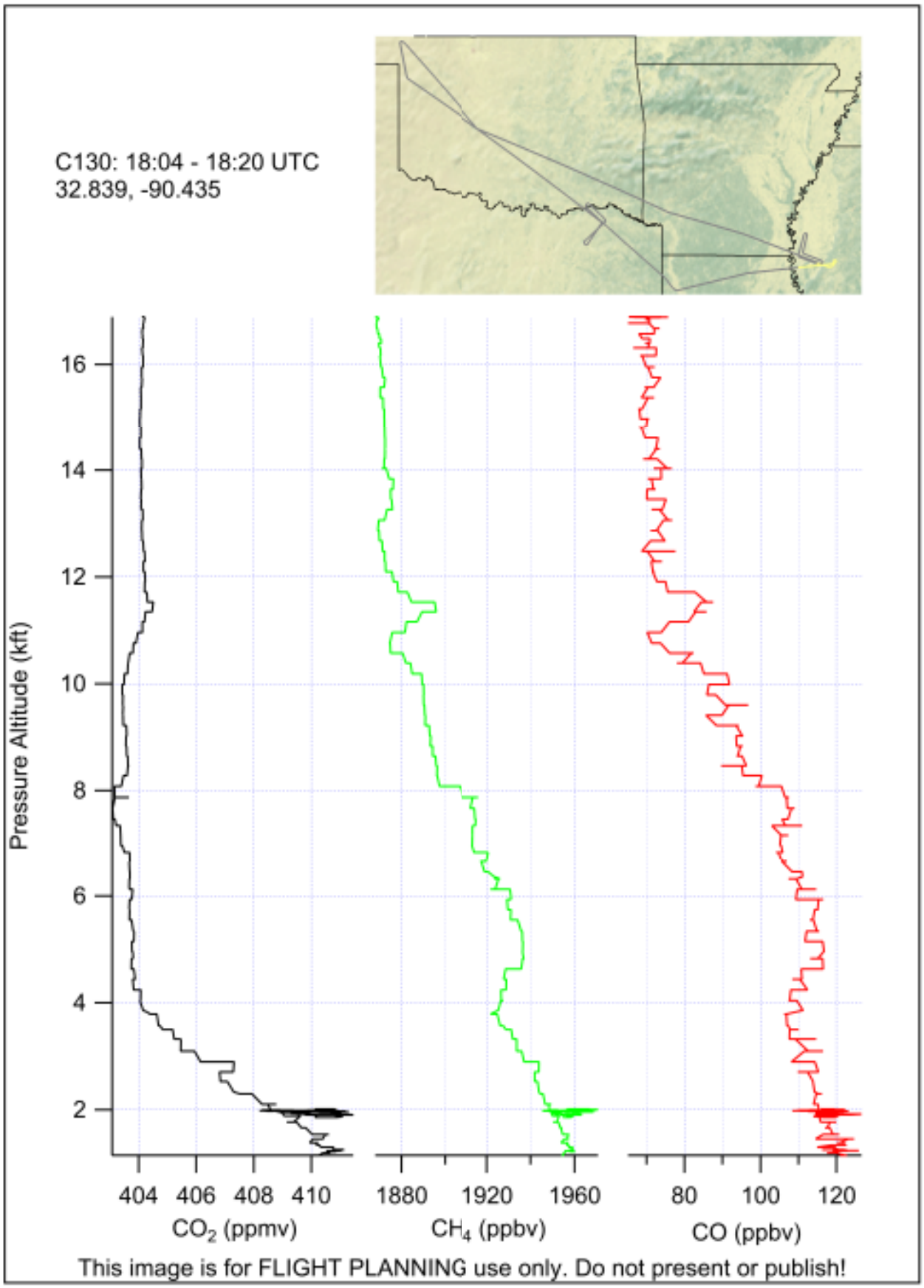

0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
36
34
32
30
Latitude (°)
-98
-96
-94
-92
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

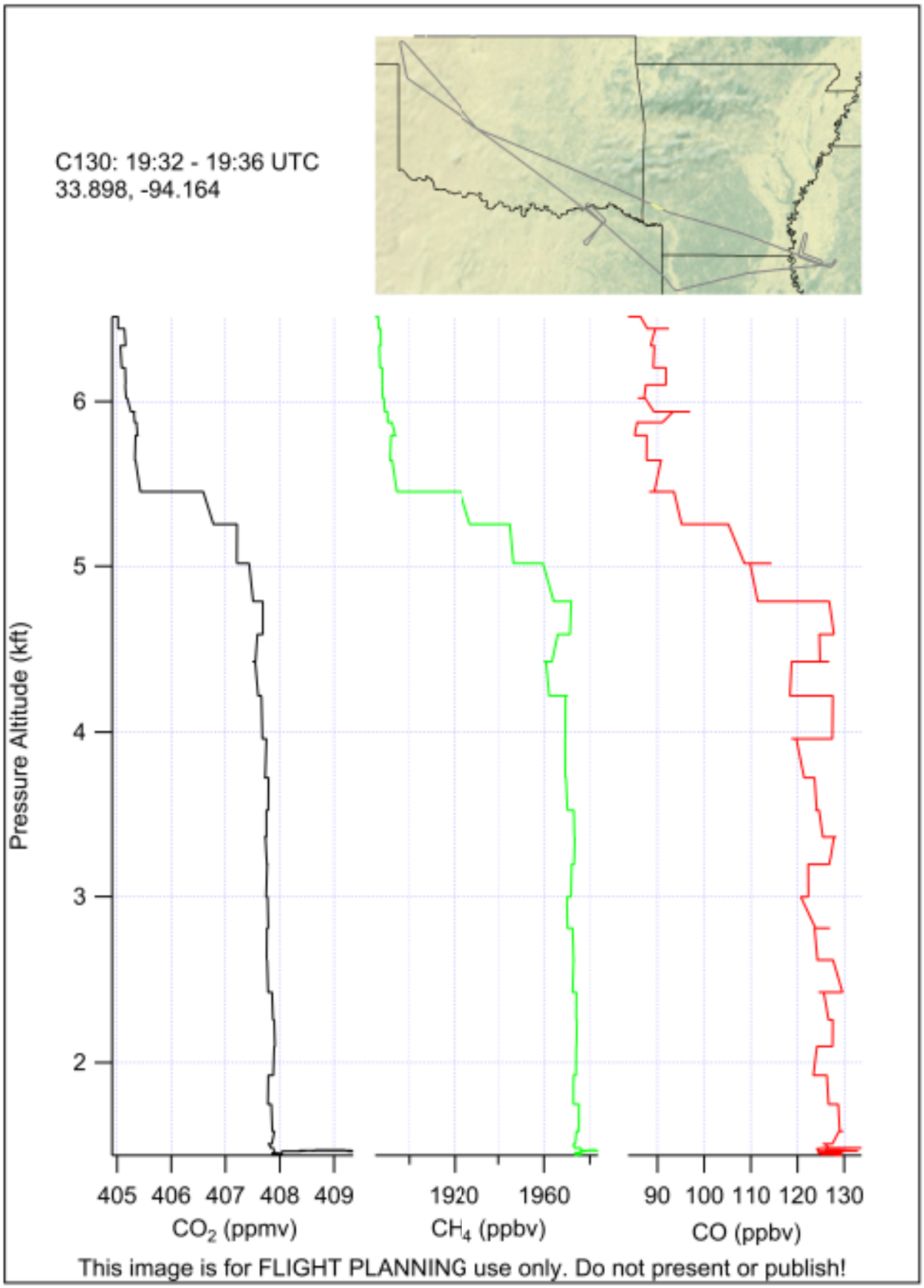

5
10
15
H2O_gkg (g/kg)
36
34
32
30
Latitude (°)
-98
-96
-94
-92
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

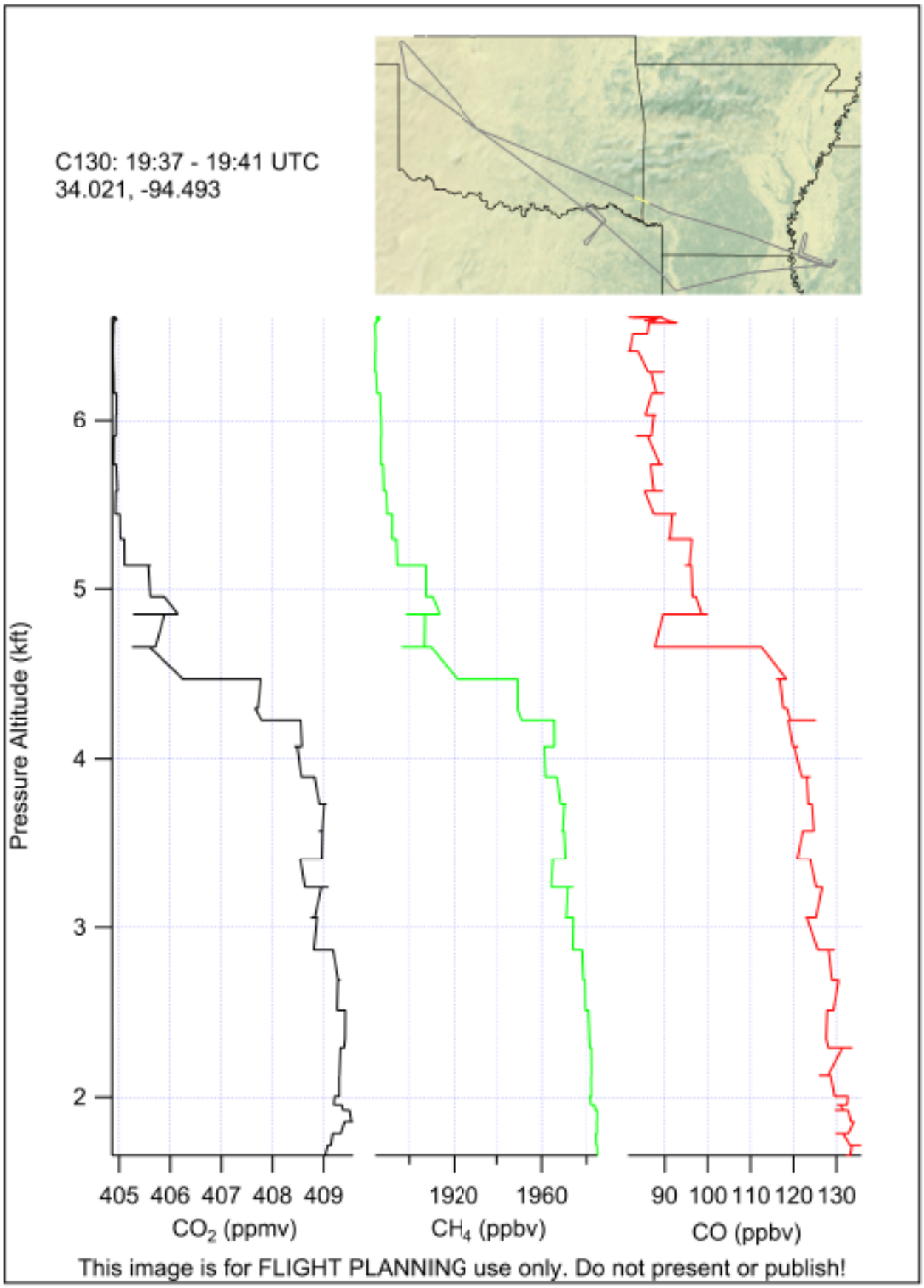

-40
-30
-20
-10
0
10
20
DP (°C)
36
34
32
30
Latitude (°)
-98
-96
-94
-92
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

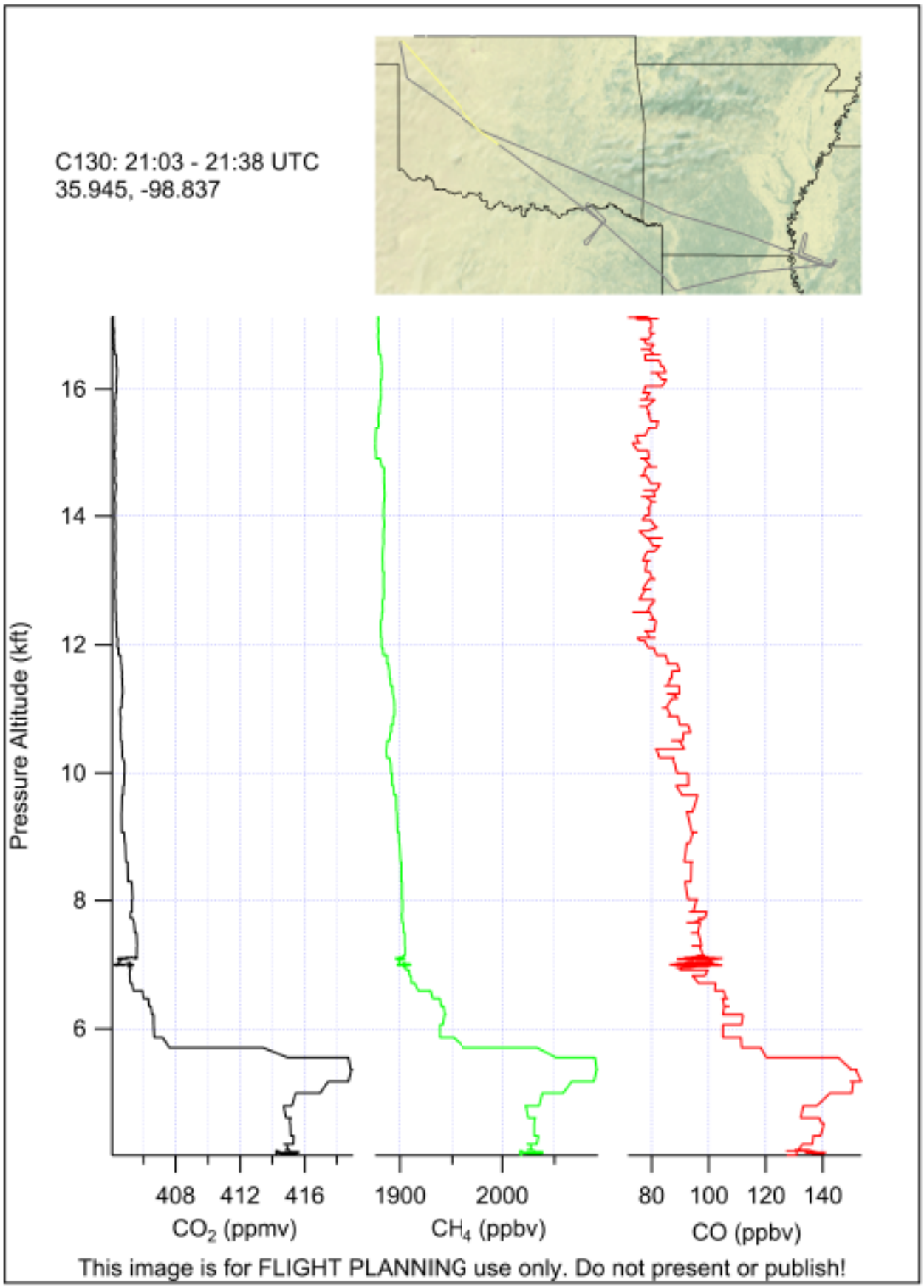

20
30
40
50
60
O3 (ppb)
36
34
32
30
Latitude (°)
-98
-96
-94
-92
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:31 - 17:59 UTC
32.567, -92.711
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
404 405 406 407
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: 18:04 - 18:20 UTC
32.839, -90.435
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
404 406 408 410
CO2 (ppmv)
1880 1920 1960
CH4 (ppbv)
80 100 120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:32 - 19:36 UTC
33.898, -94.164
Pressure Altitude (kft)
6
5
4
3
2
405 406 407 408 409
CO2 (ppmv)
1920 1960
CH4 (ppbv)
90 100 110 120 130
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:37 - 19:41 UTC
34.021, -94.493
Pressure Altitude (kft)
6
5
4
3
2
405 406 407 408 409
CO2 (ppmv)
1920 1960
CH4 (ppbv)
90 100 110 120 130
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 21:03 - 21:38 UTC
35.945, -98.837
Pressure Altitude (kft)
16
14
12
10
8
6
408
412
416
CO2 (ppmv)
1900
2000
CH4 (ppbv)
80
100
120
140
CO (ppbv)
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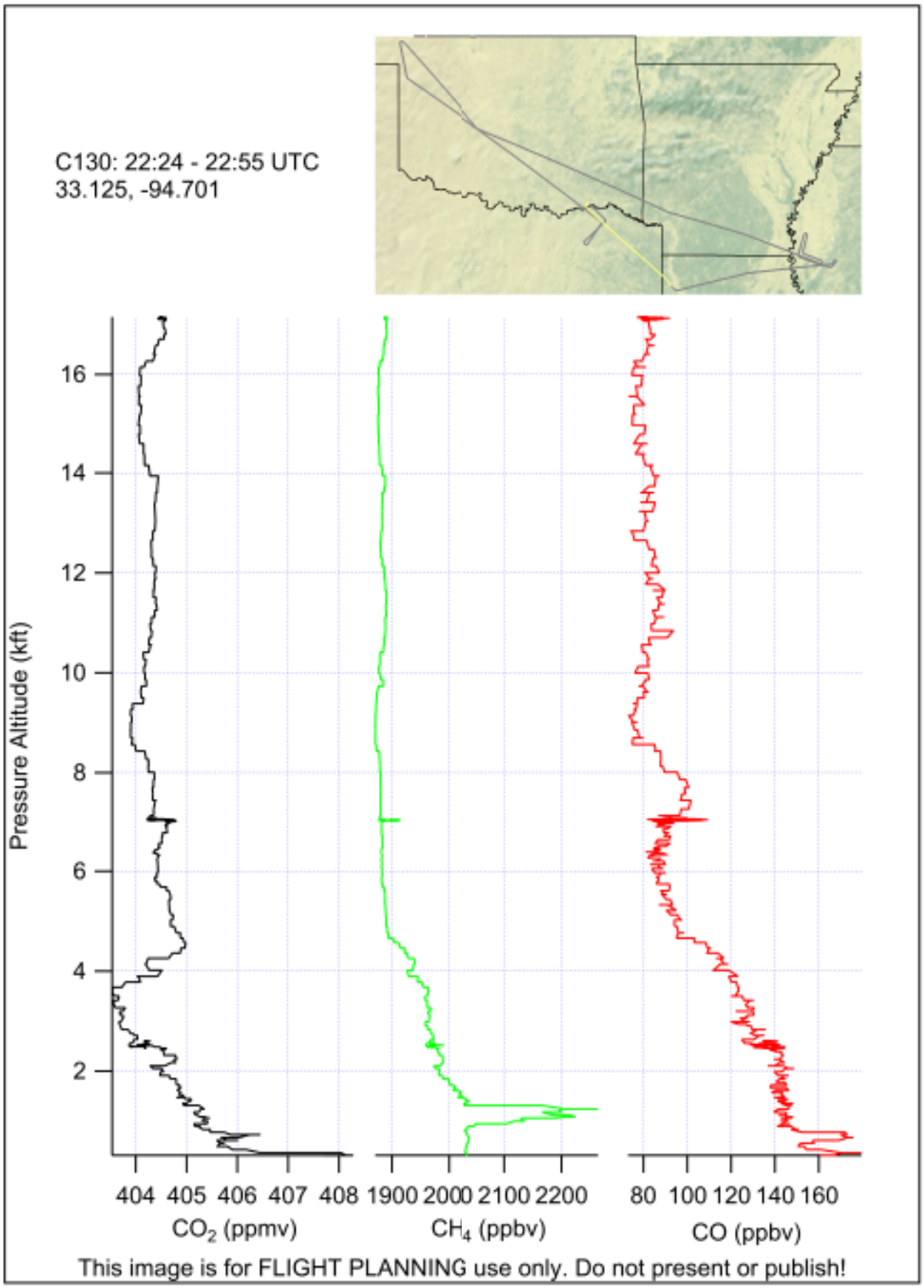
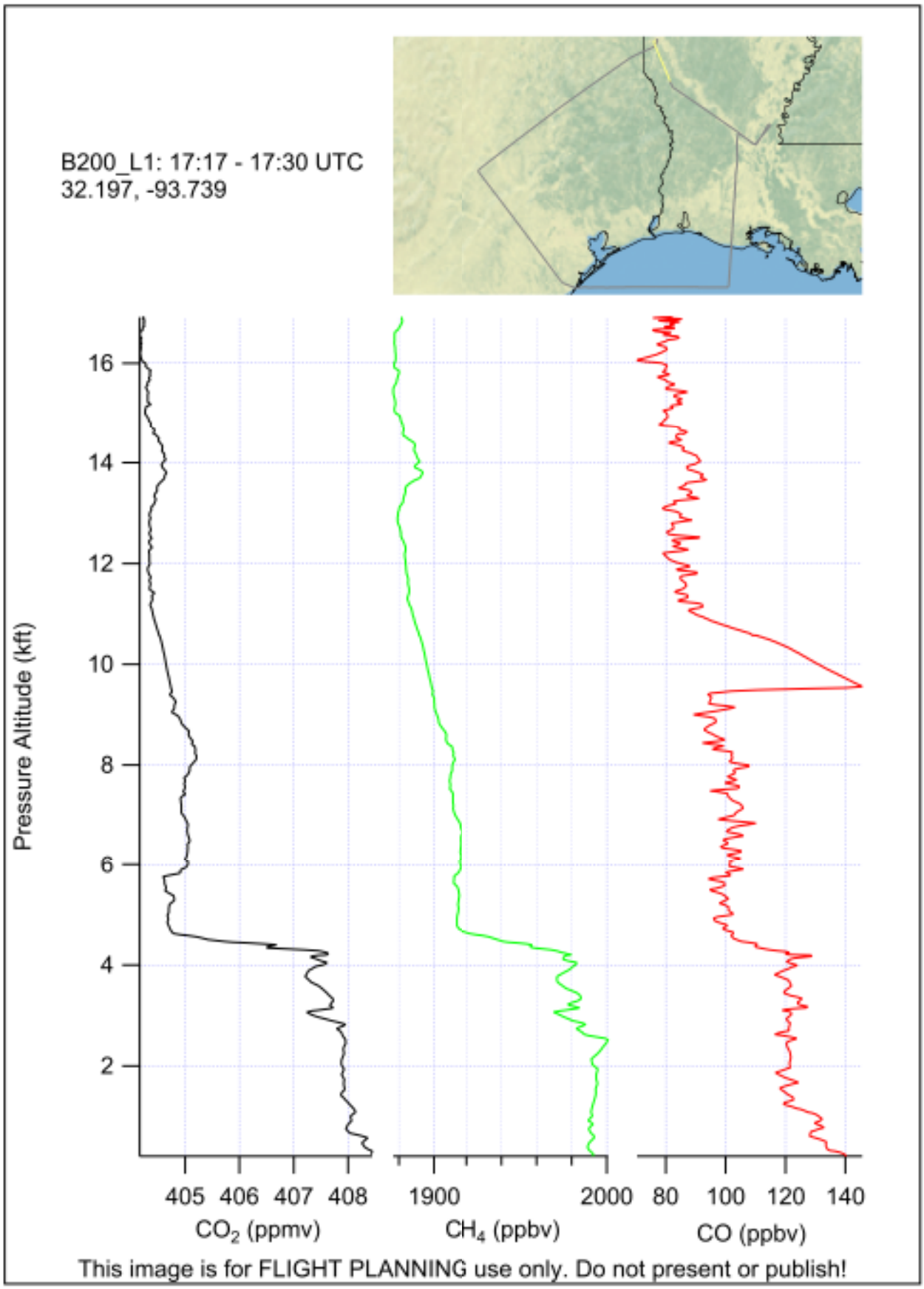
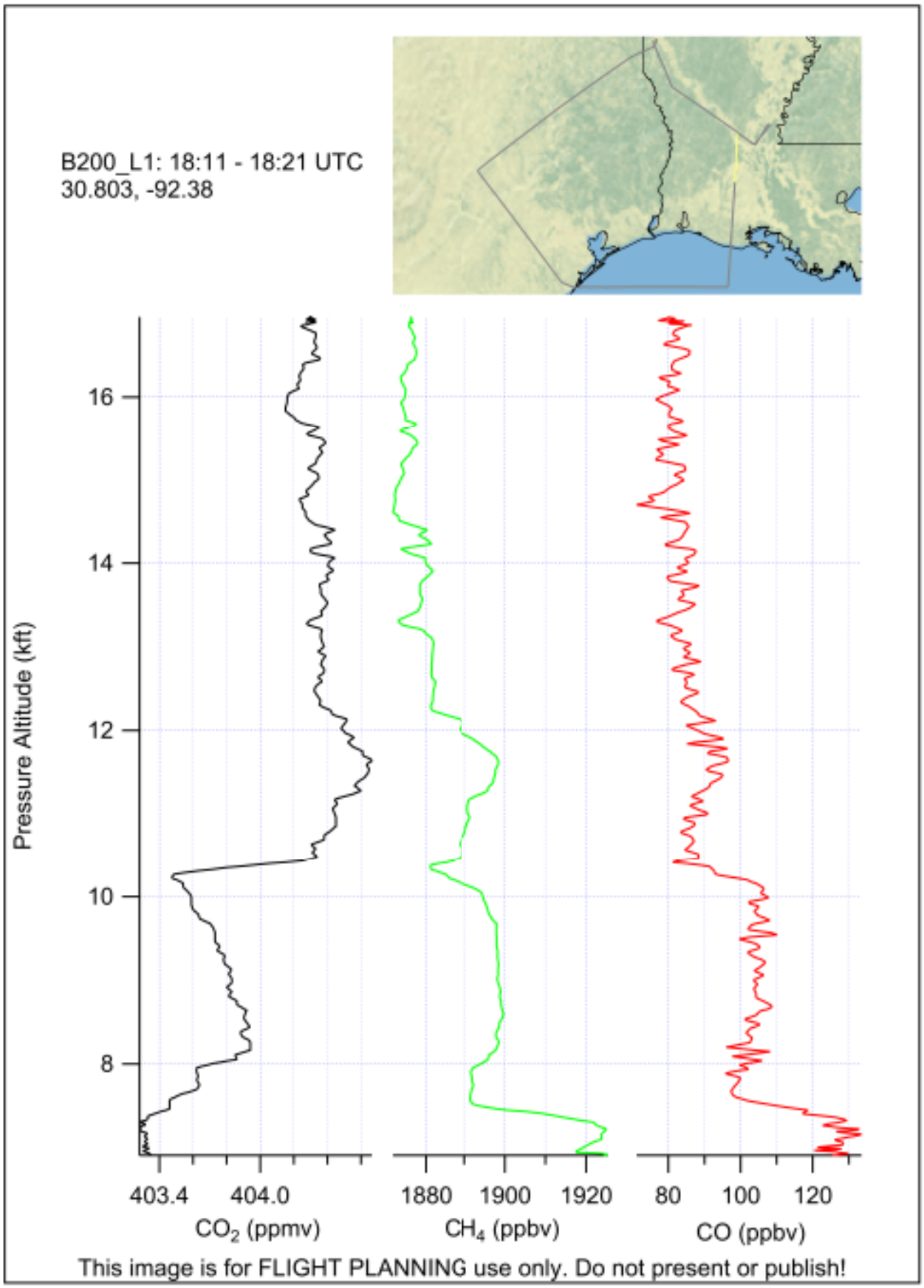
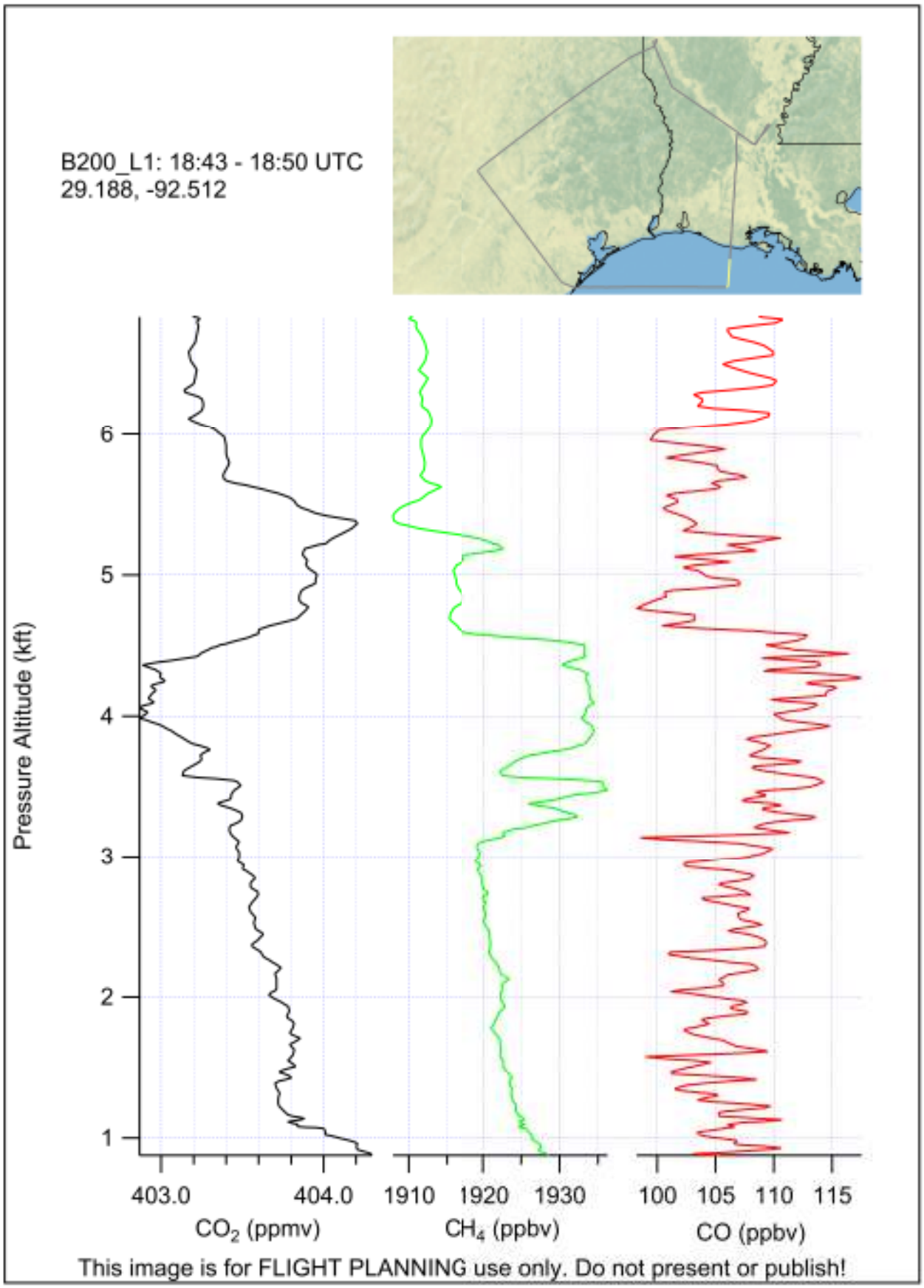
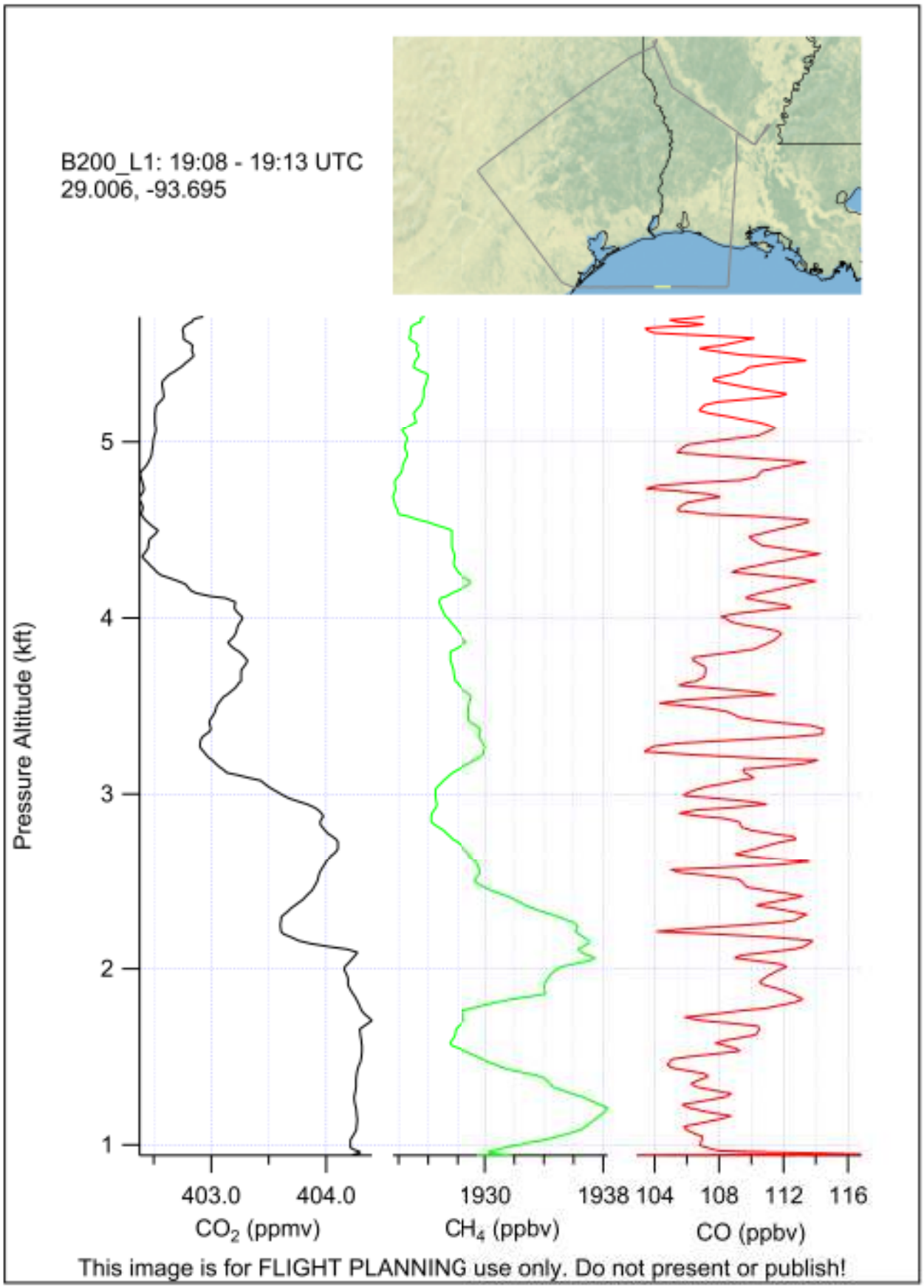
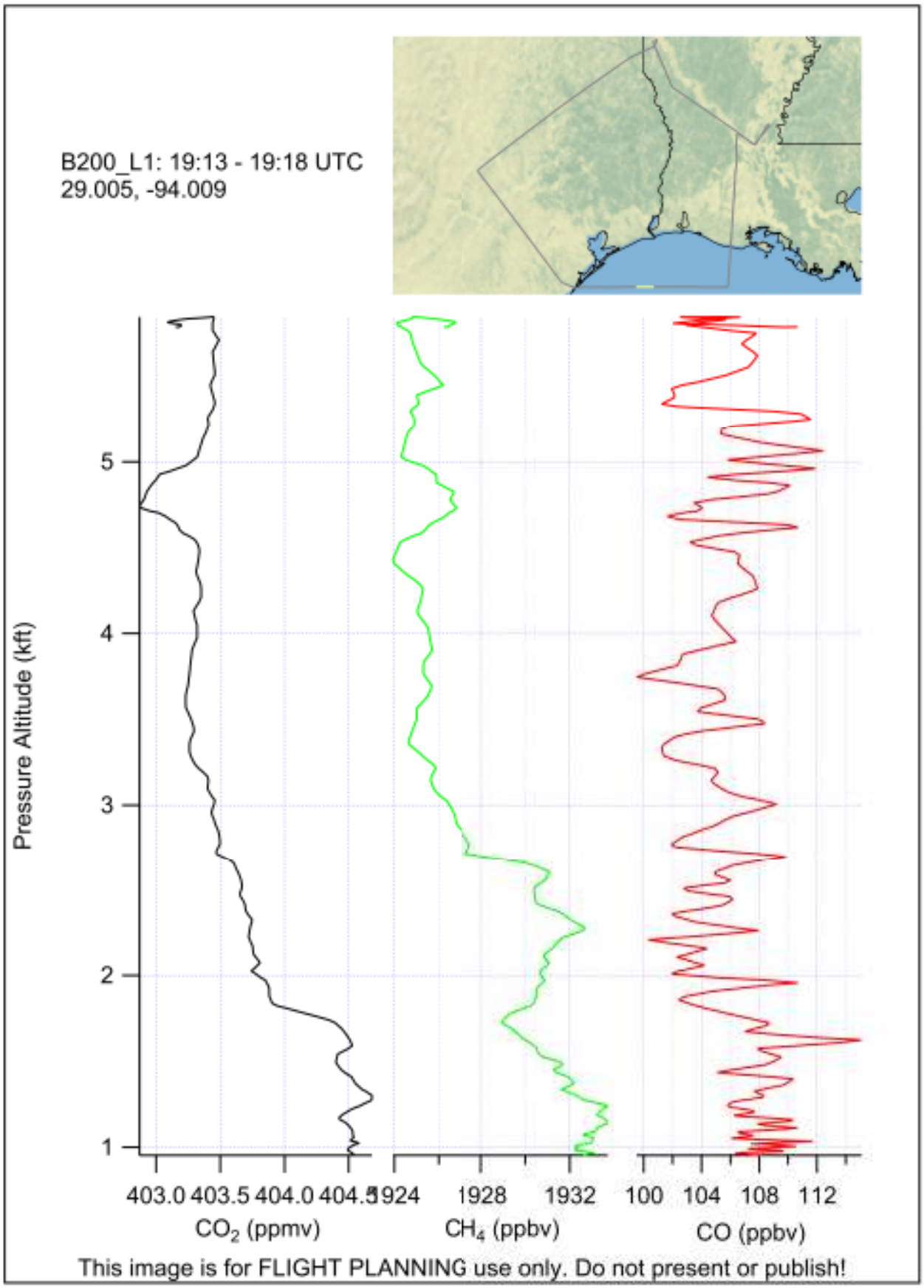

C130: 22:24 - 22:55 UTC
33.125, -94.701
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
404 405 406 407 408
CO2 (ppmv)
1900 2000 2100 2200
CH4 (ppbv)
80 100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

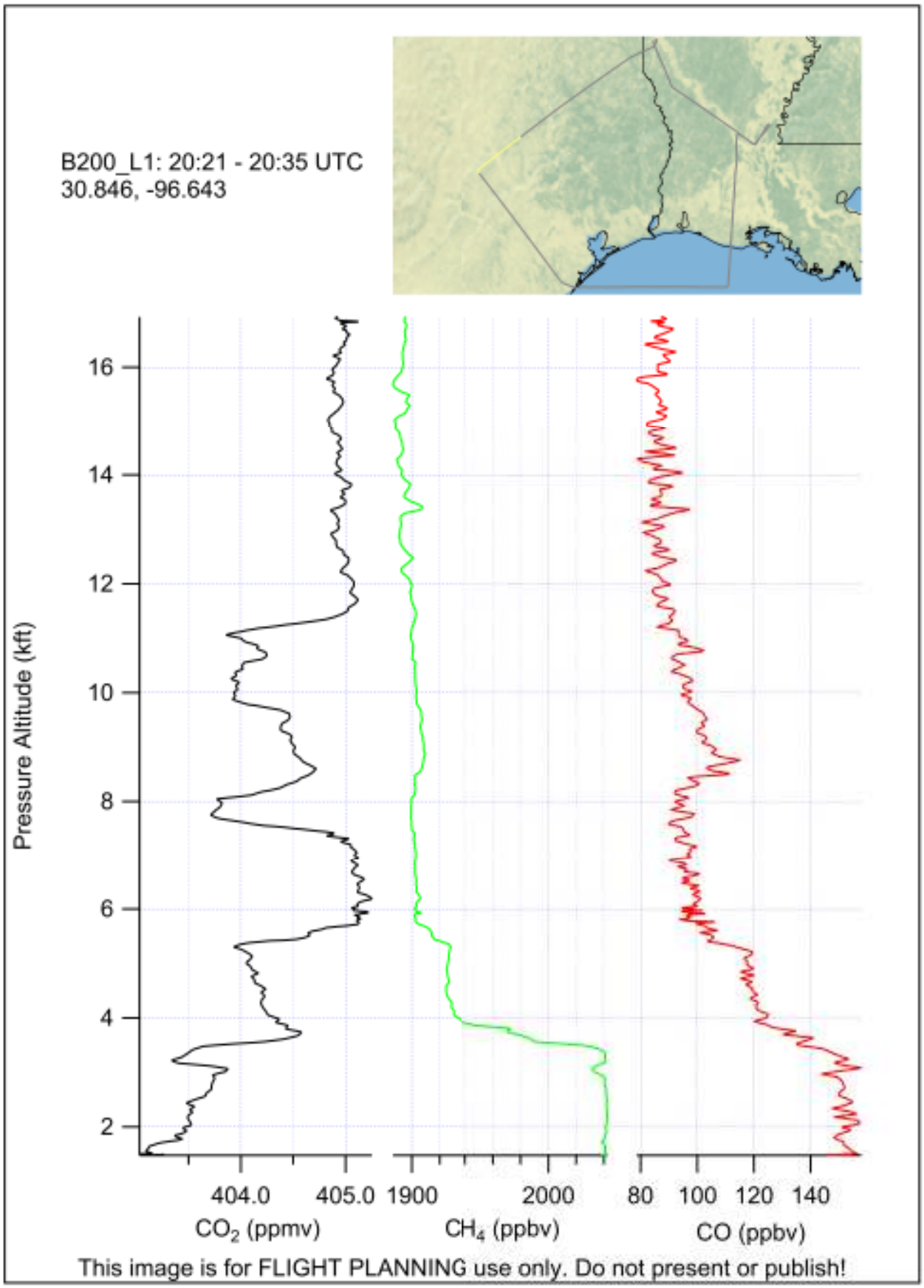

B200_L1: 17:17 - 17:30 UTC
32.197, -93.739
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
405 406 407 408
CO2 (ppmv)
1900 2000
CH4 (ppbv)
80 100 120 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

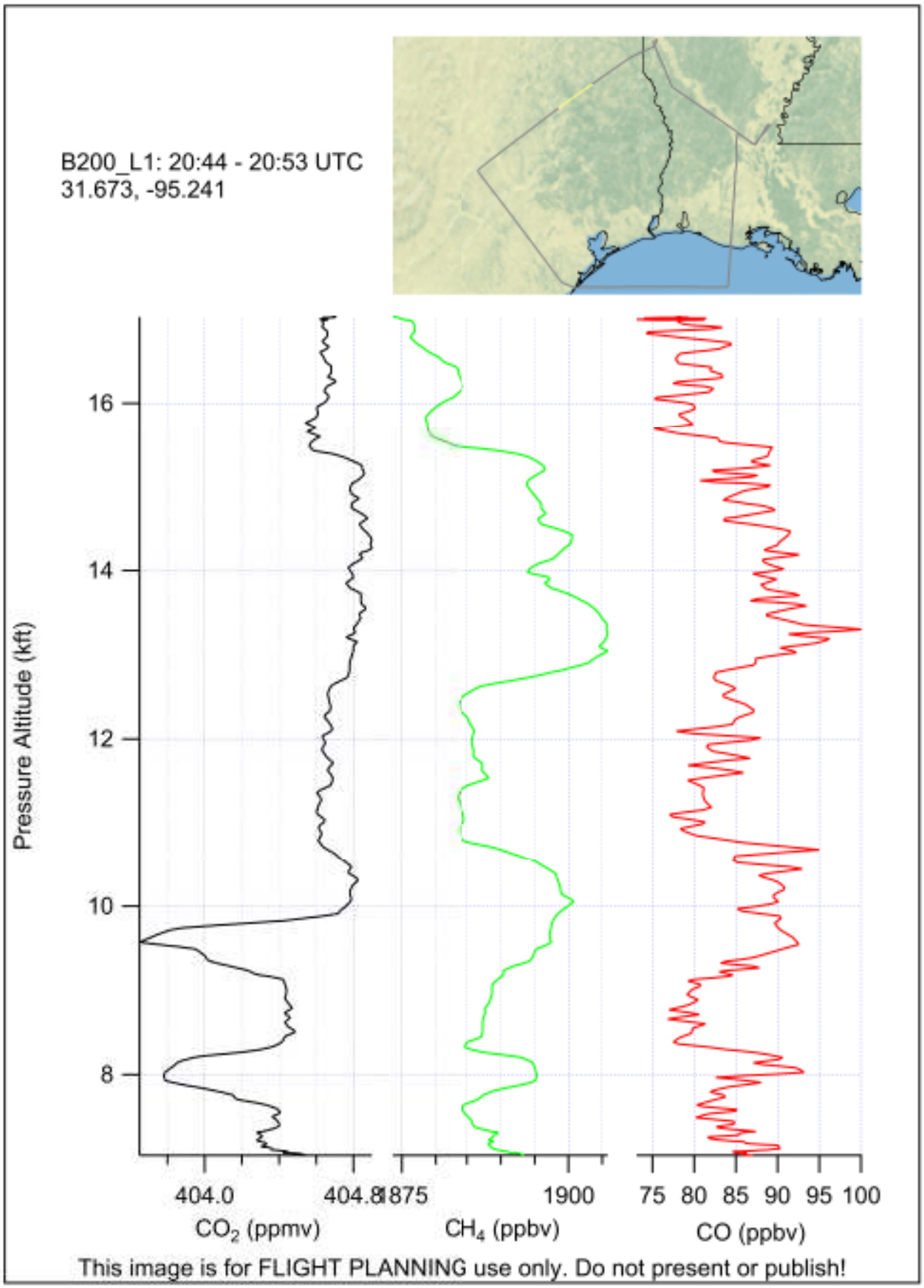

B200_L1: 18:11 - 18:21 UTC
30.803, -92.38
Pressure Altitude (kft)
16
14
12
10
8
403.4
404.0
CO2 (ppmv)
1880
1900
1920
CH4 (ppbv)
80
100
120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

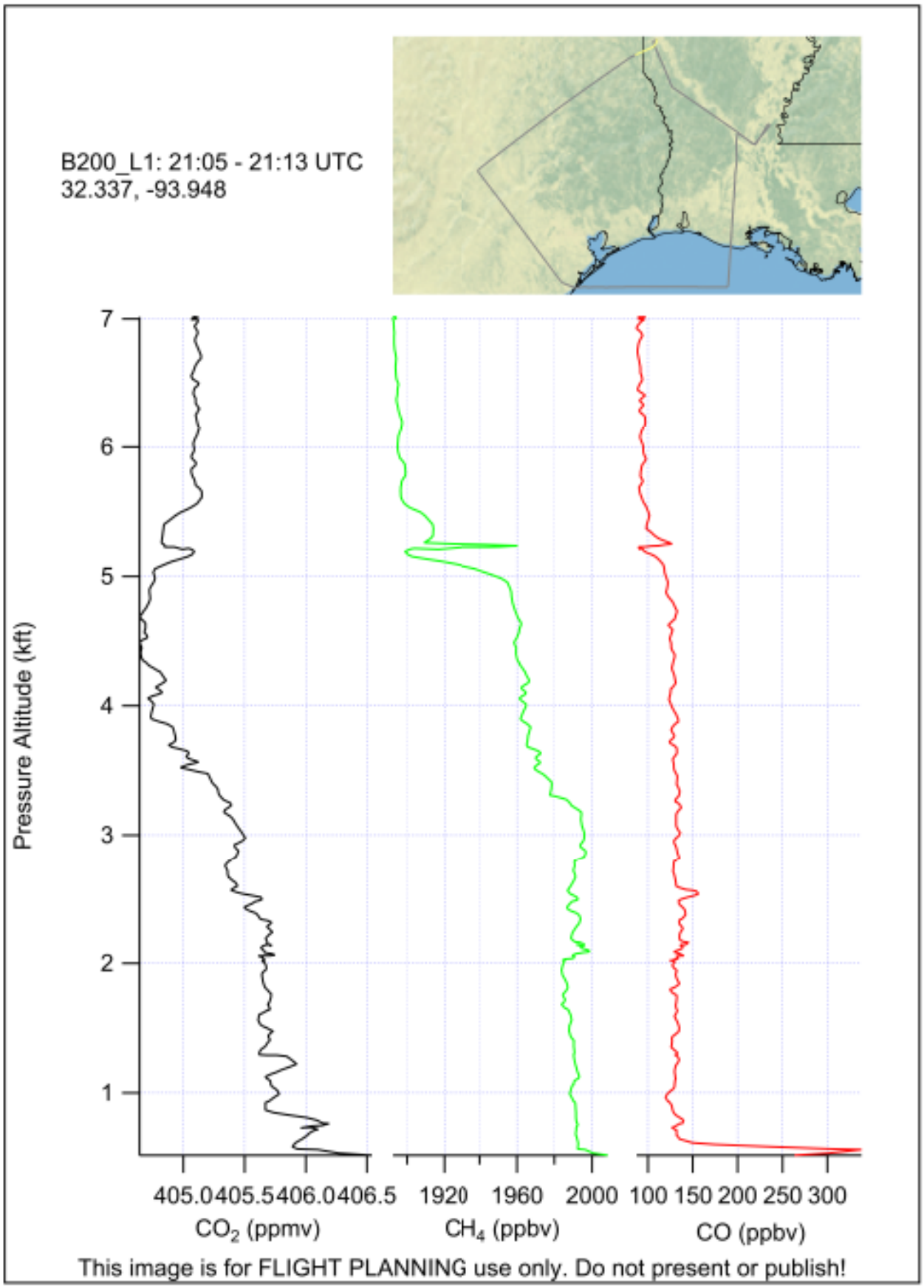

B200_L1: 18:43 - 18:50 UTC
29.188, -92.512
Pressure Altitude (kft)
1
2
3
4
5
6
403.0
404.0
CO2 (ppmv)
1910
1920
1930
CH4 (ppbv)
100
105
110
115
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

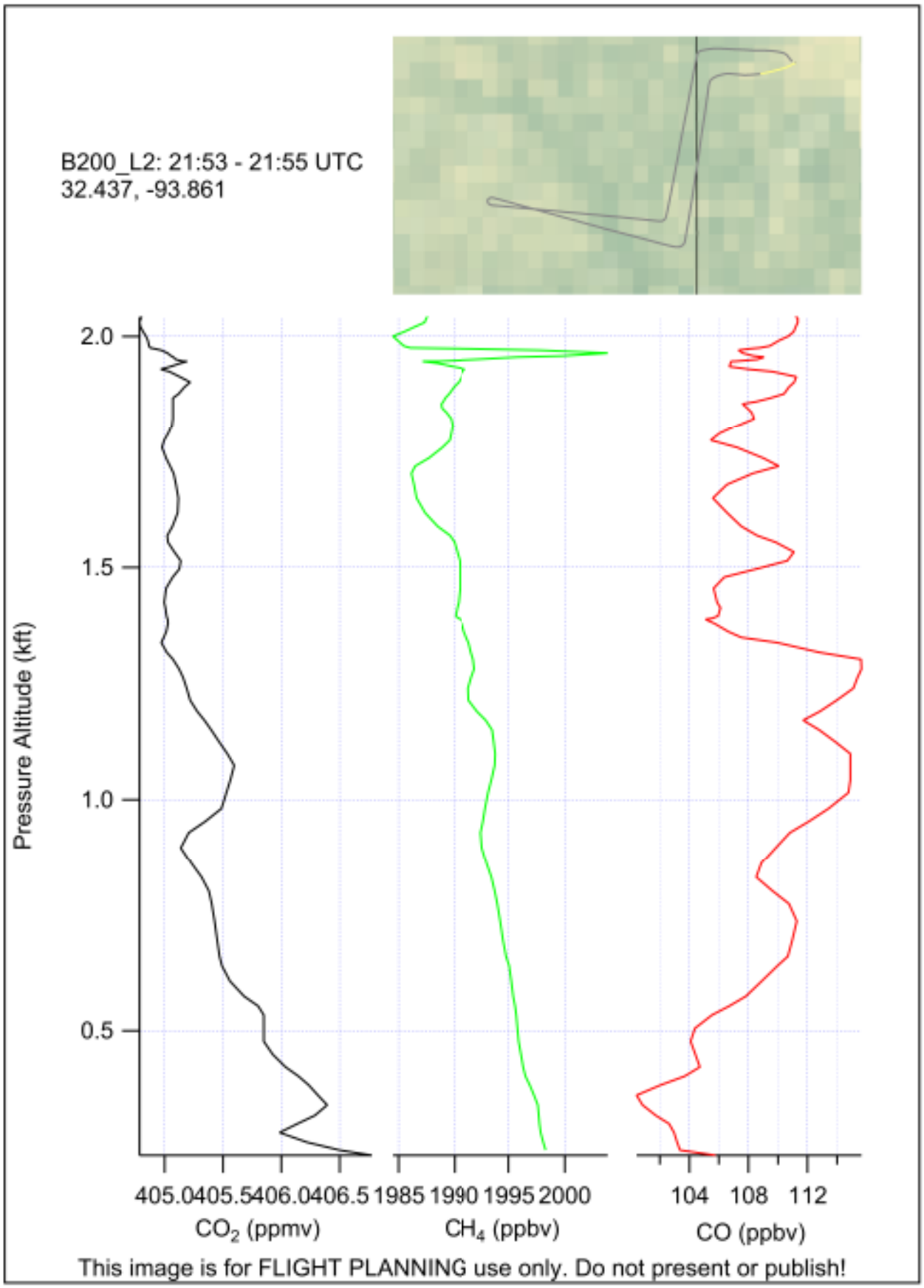

B200_L1: 19:08 - 19:13 UTC
29.006, -93.695
Pressure Altitude (kft)
5
4
3
2
1
403.0
404.0
CO2 (ppmv)
1930
1938
CH4 (ppbv)
104
108
112
116
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

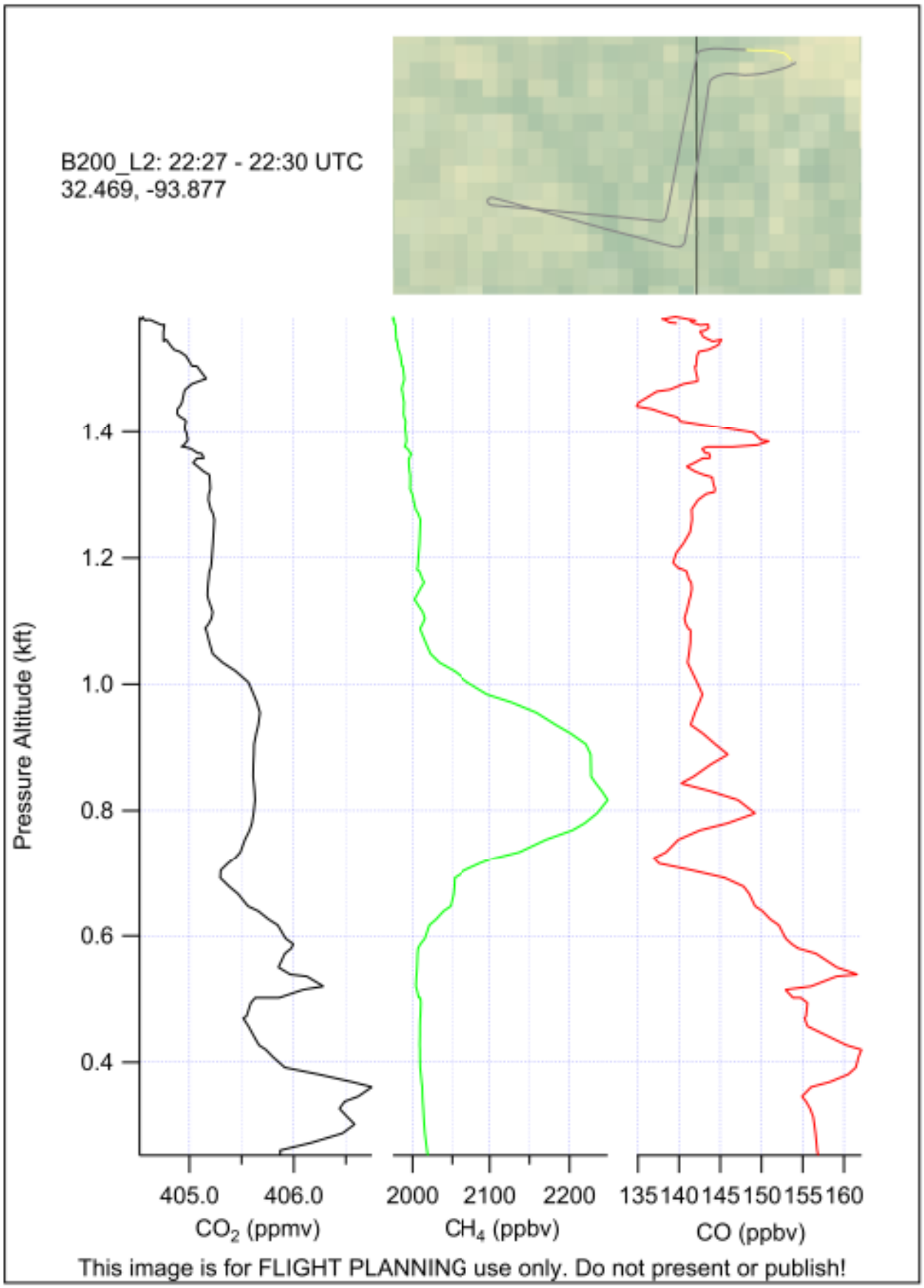

B200_L1: 19:13 - 19:18 UTC
29.005, -94.009
Pressure Altitude (kft)
5
4
3
2
1
403.0 403.5 404.0 404.5
CO2 (ppmv)
1924 1928 1932
CH4 (ppbv)
100 104 108 112
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 20:21 - 20:35 UTC
30.846, -96.643
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
404.0
405.0
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_L1: 20:44 - 20:53 UTC
31.673, -95.241
Pressure Altitude (kft)
16
14
12
10
8
404.0
404.8
CO2 (ppmv)
1875
1900
CH4 (ppbv)
75 80 85 90 95 100
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 21:05 - 21:13 UTC
32.337, -93.948
Pressure Altitude (kft)
7
6
5
4
3
2
1
405.0 405.5 406.0 406.5
CO2 (ppmv)
1920 1960 2000
CH4 (ppbv)
100 150 200 250 300
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 21:53 - 21:55 UTC
32.437, -93.861
Pressure Altitude (kft)
2.0
1.5
1.0
0.5
405.0 405.5 406.0 406.5
CO2 (ppmv)
1985 1990 1995 2000
CH4 (ppbv)
104 108 112
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 22:27 - 22:30 UTC
32.469, -93.877
Pressure Altitude (kft)
1.4
1.2
1.0
0.8
0.6
0.4
405.0
406.0
CO_2 (ppmv)
2000
2100
2200
CH_4 (ppbv)
135
140
145
150
155
160
CO (ppbv)
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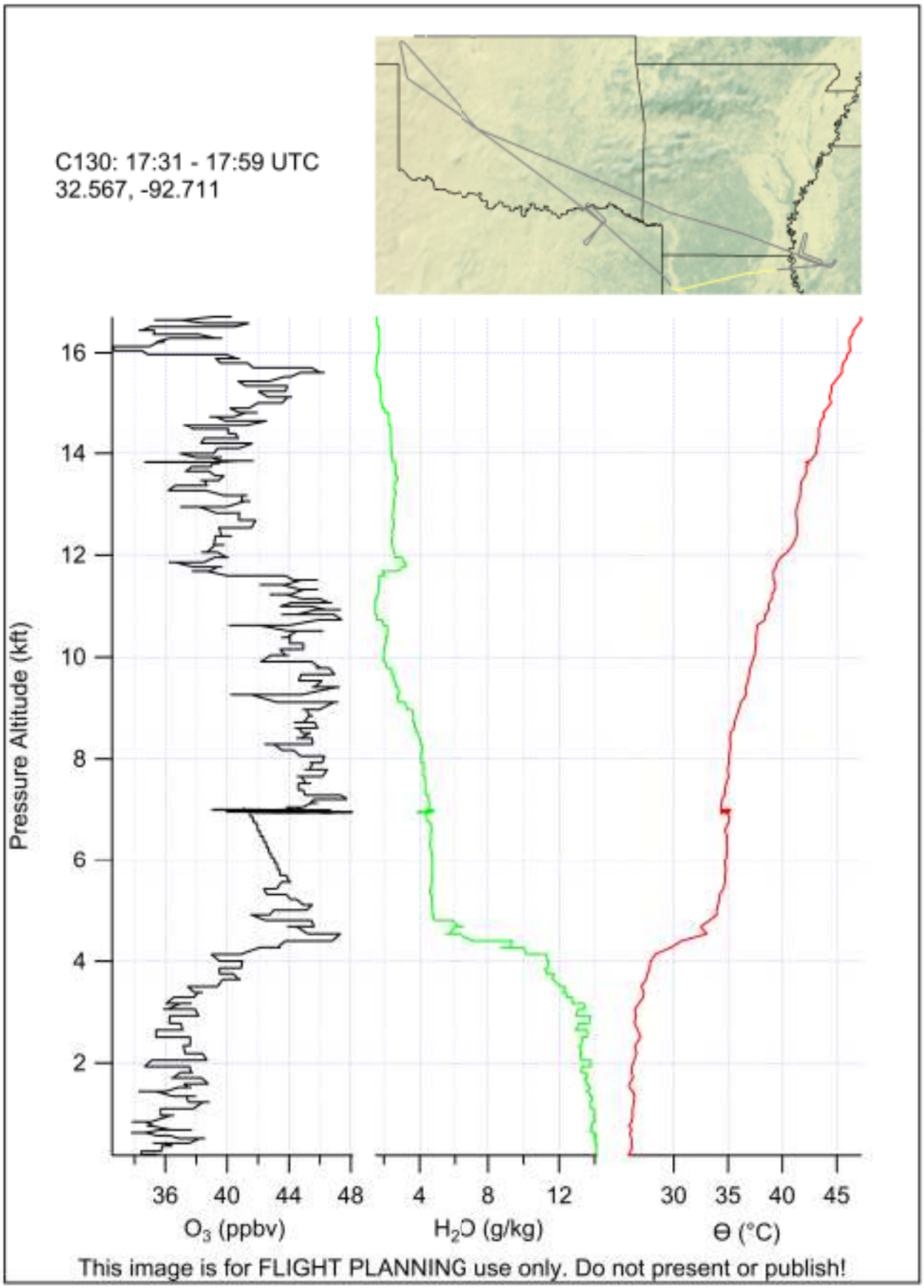
C130: 17:31 - 17:59 UTC
32.567, -92.711
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
36
40
44
48
O3 (ppbv)
4
8
12
H2O (g/kg)
30
35
40
45
Θ (°C)
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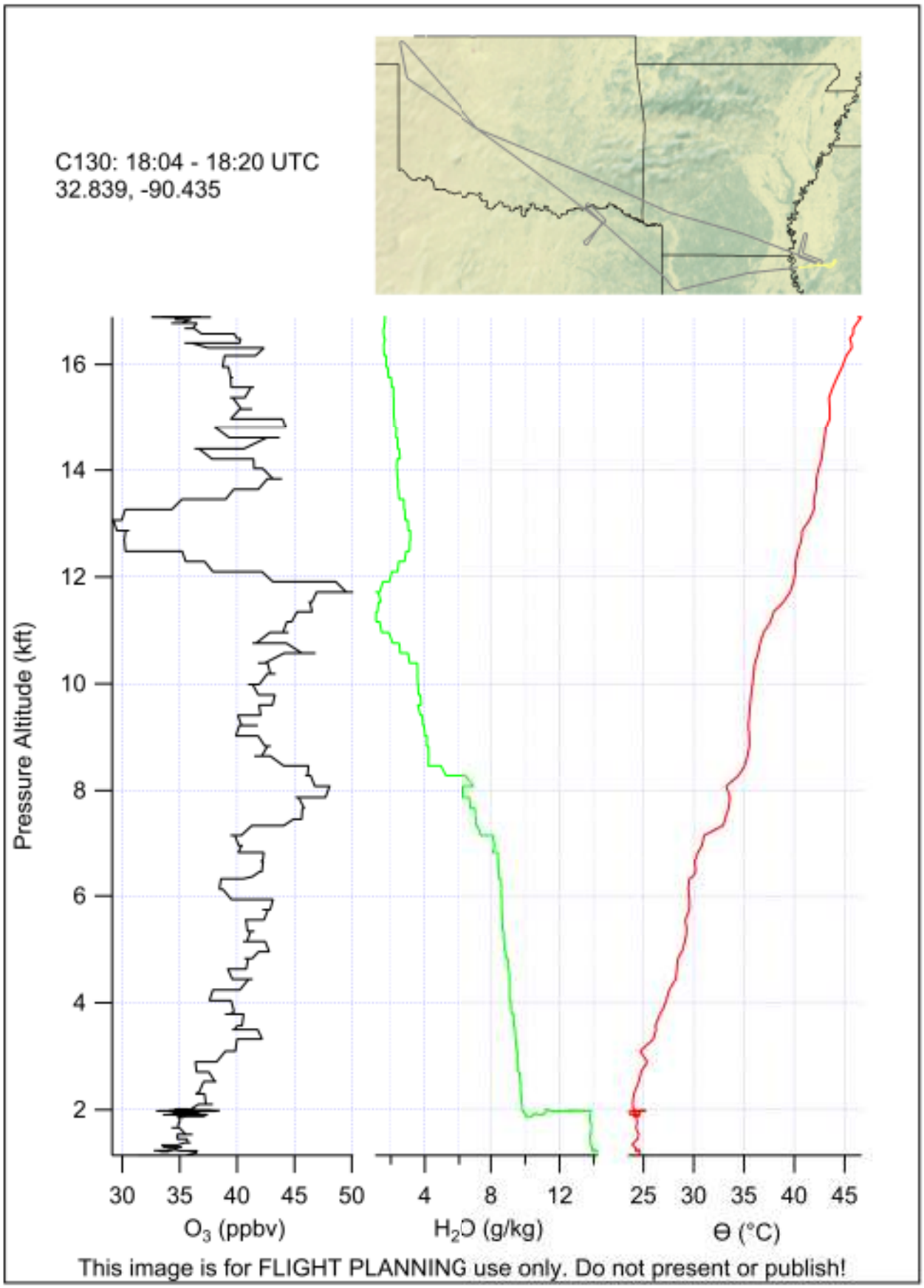
C130: 18:04 - 18:20 UTC
32.839, -90.435
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
30 35 40 45 50
O3 (ppbv)
4 8 12
H2O (g/kg)
25 30 35 40 45
Θ (°C)
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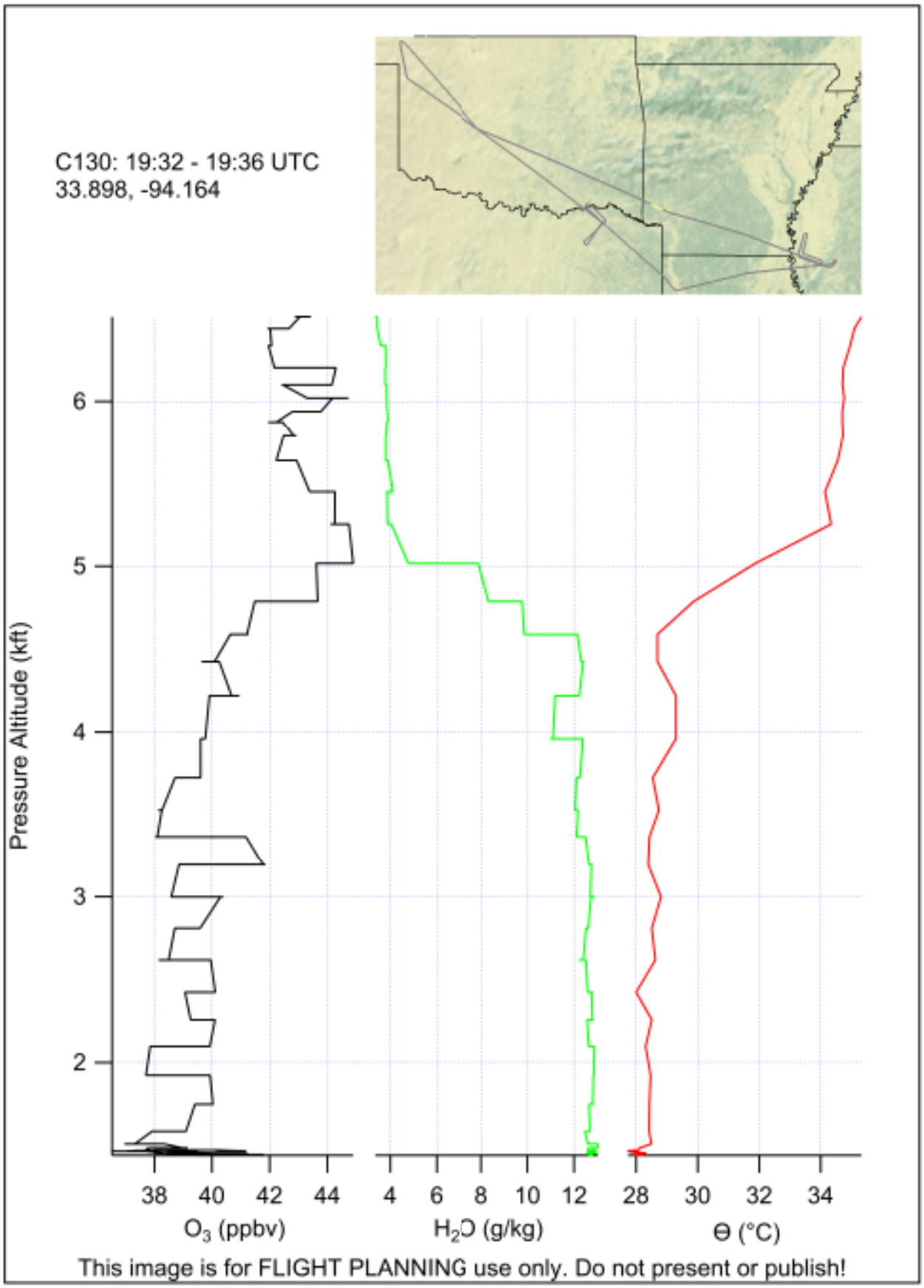
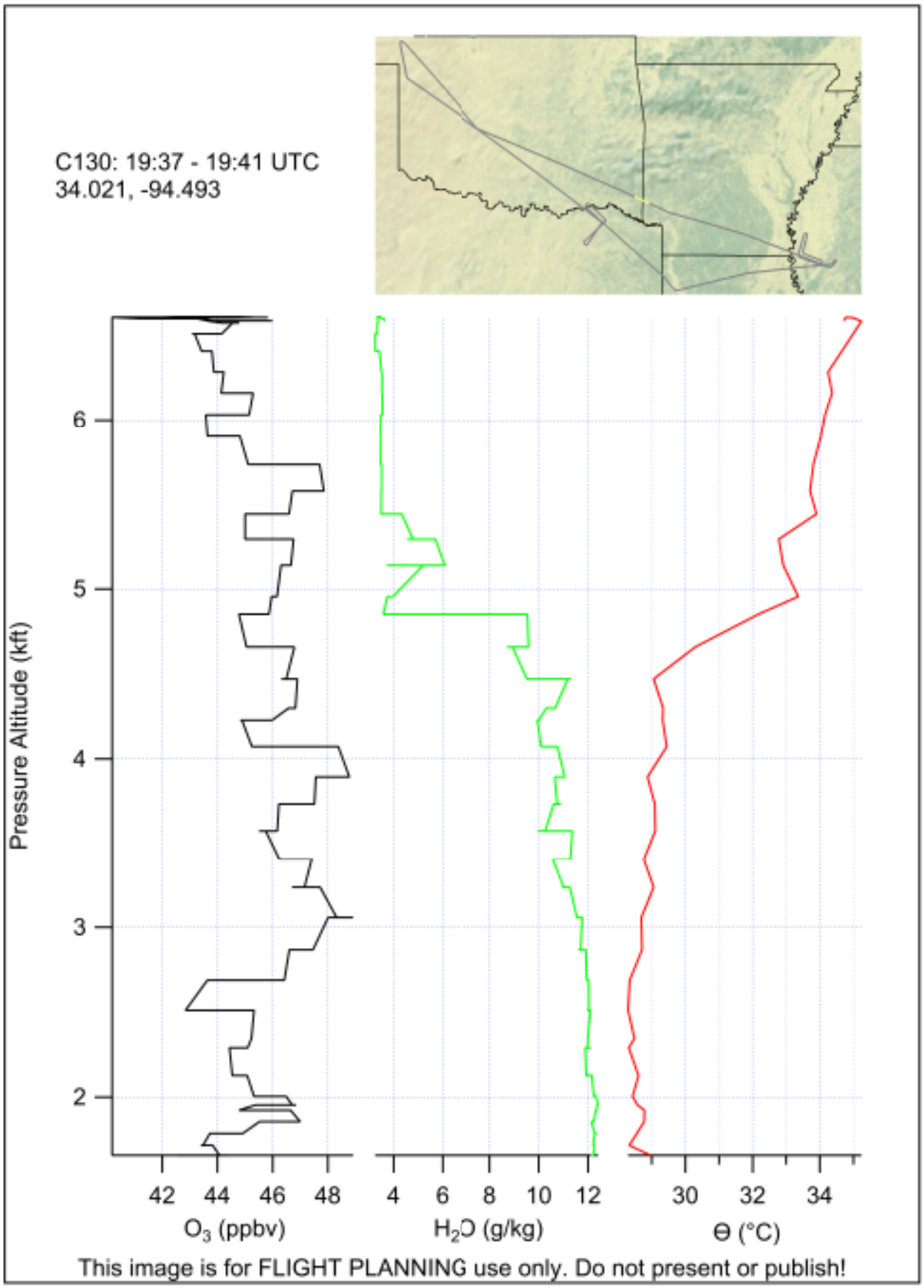
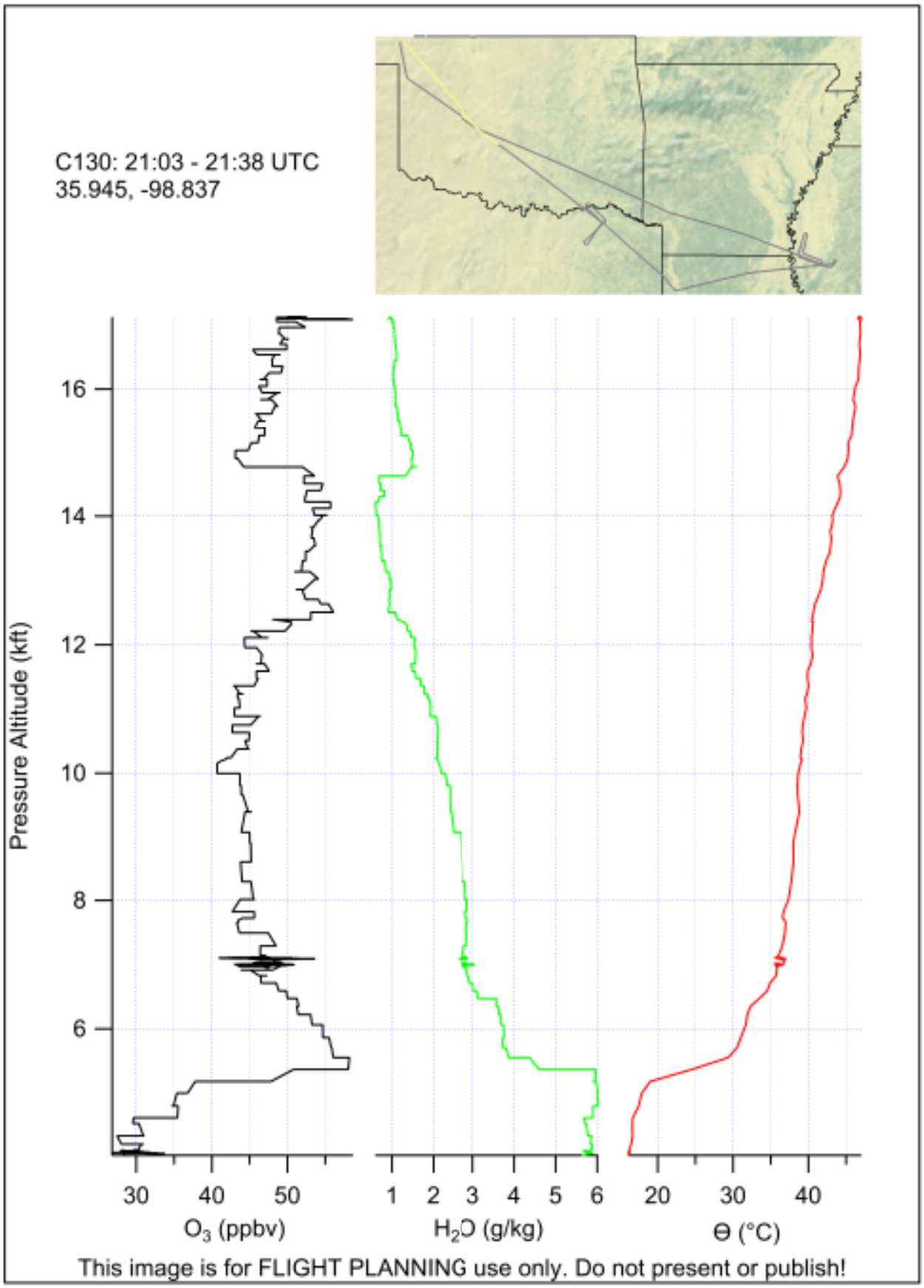
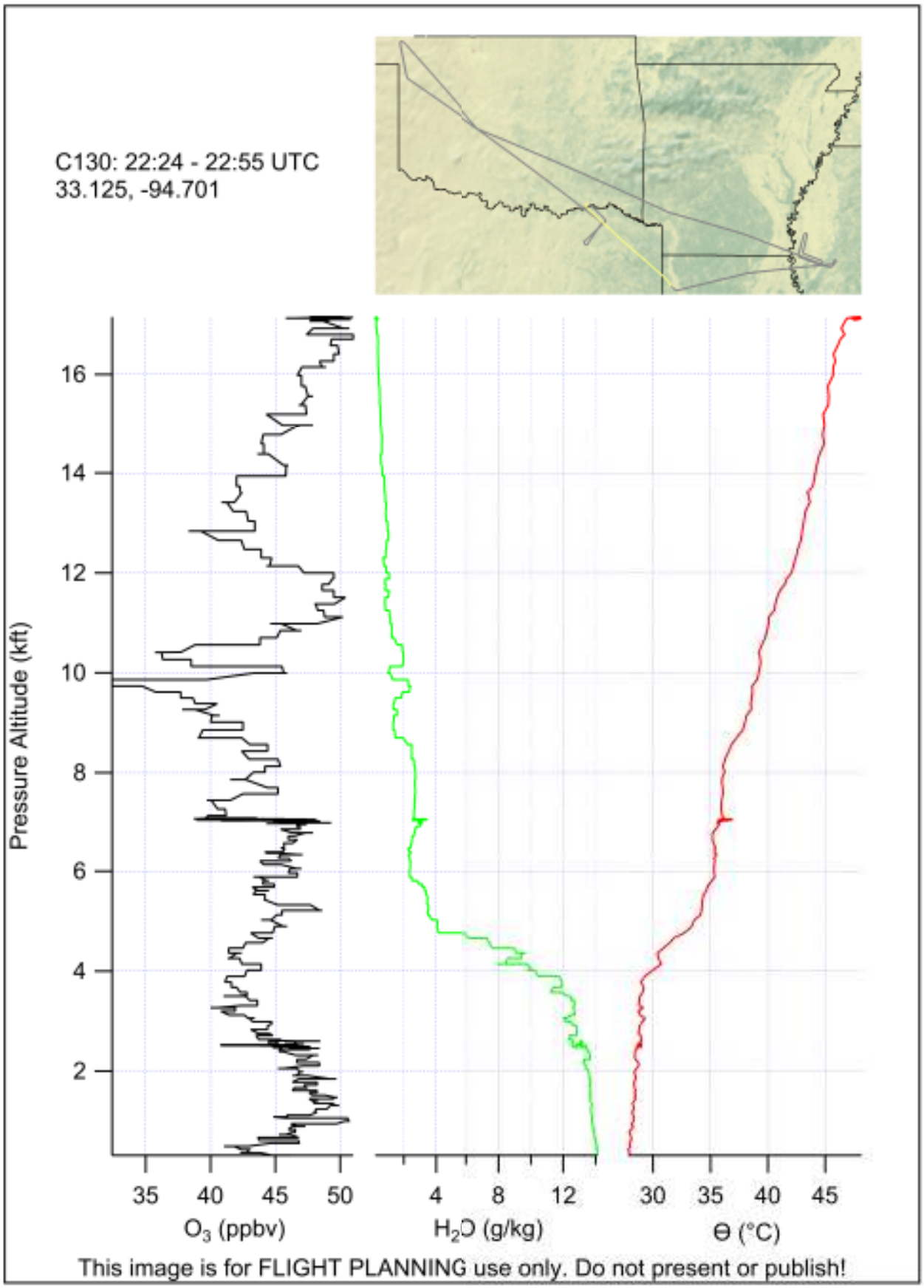
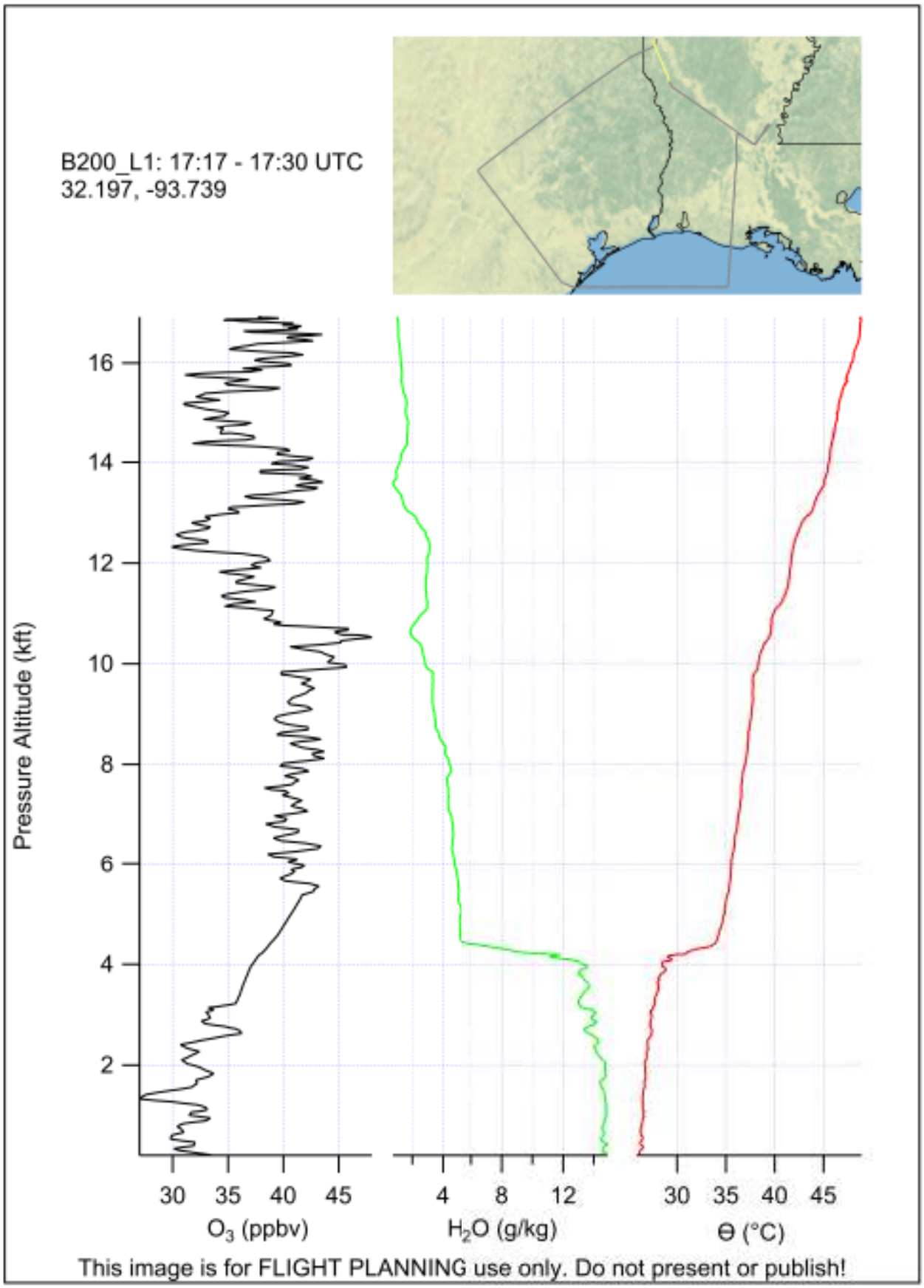
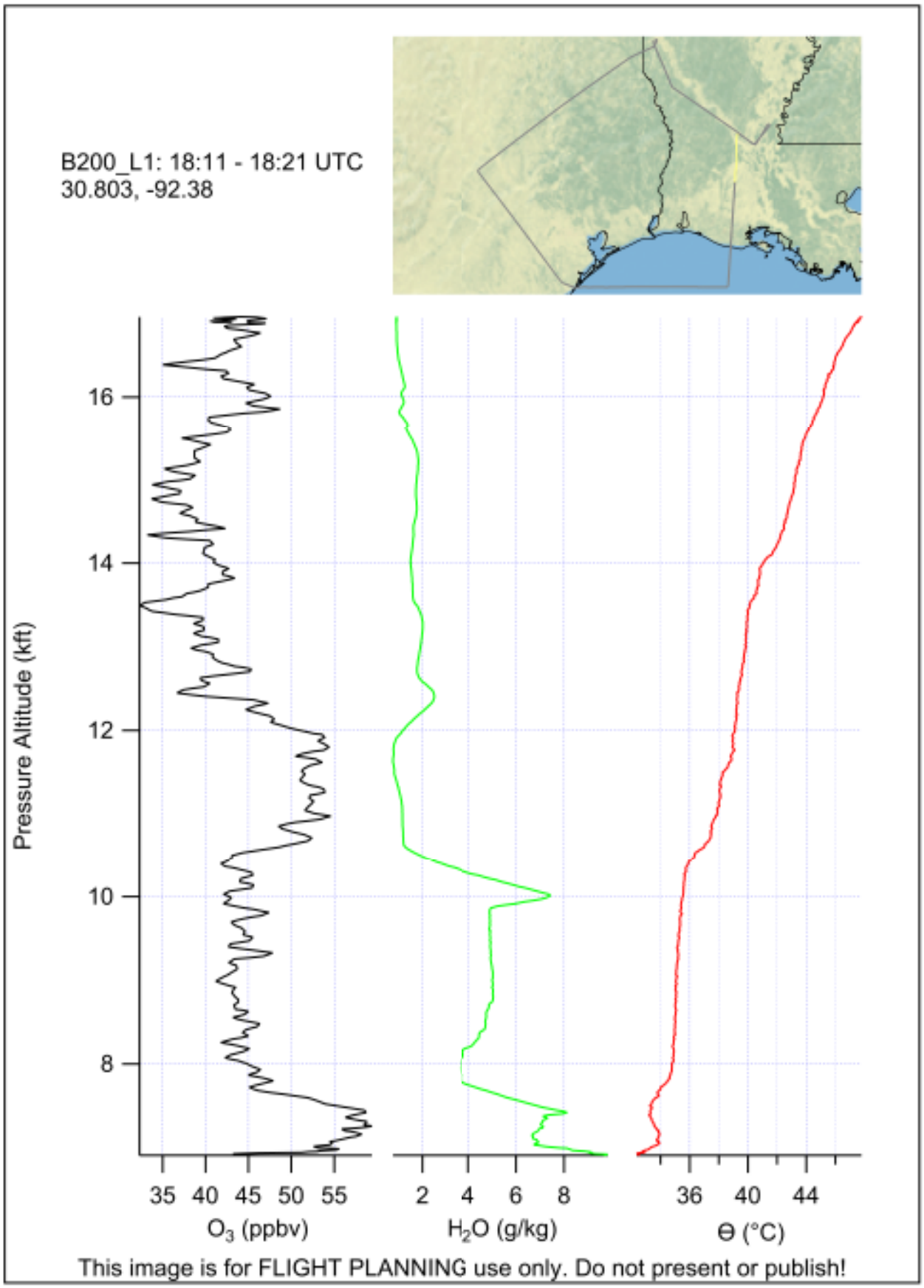

C130: 19:32 - 19:36 UTC
33.898, -94.164
Pressure Altitude (kft)
6
5
4
3
2
38
40
42
44
O3 (ppbv)
4
6
8
10
12
H2O (g/kg)
28
30
32
34
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:37 - 19:41 UTC
34.021, -94.493
Pressure Altitude (kft)
6
5
4
3
2
42
44
46
48
O3 (ppbv)
4
6
8
10
12
H2O (g/kg)
30
32
34
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 21:03 - 21:38 UTC
35.945, -98.837
Pressure Altitude (kft)
16
14
12
10
8
6
30
40
50
O3 (ppbv)
1
2
3
4
5
6
H2O (g/kg)
20
30
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 22:24 - 22:55 UTC
33.125, -94.701
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
35
40
45
50
O3 (ppbv)
4
8
12
H2O (g/kg)
30
35
40
45
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 17:17 - 17:30 UTC
32.197, -93.739
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
30 35 40 45
O3 (ppbv)
4 8 12
H2O (g/kg)
30 35 40 45
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 18:11 - 18:21 UTC
30.803, -92.38
Pressure Altitude (kft)
16
14
12
10
8
35 40 45 50 55
O3 (ppbv)
2 4 6 8
H2O (g/kg)
36 40 44
Θ (°C)
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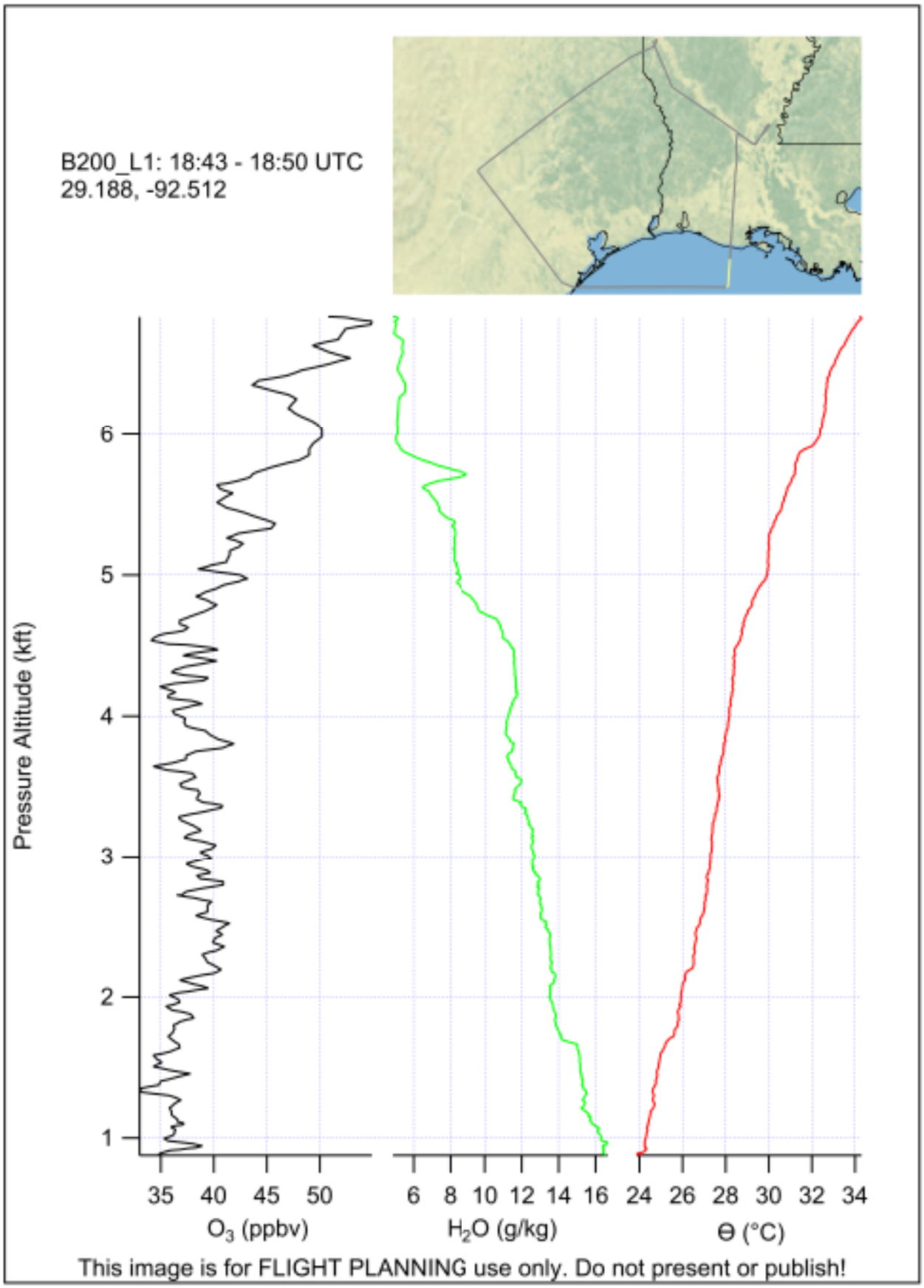
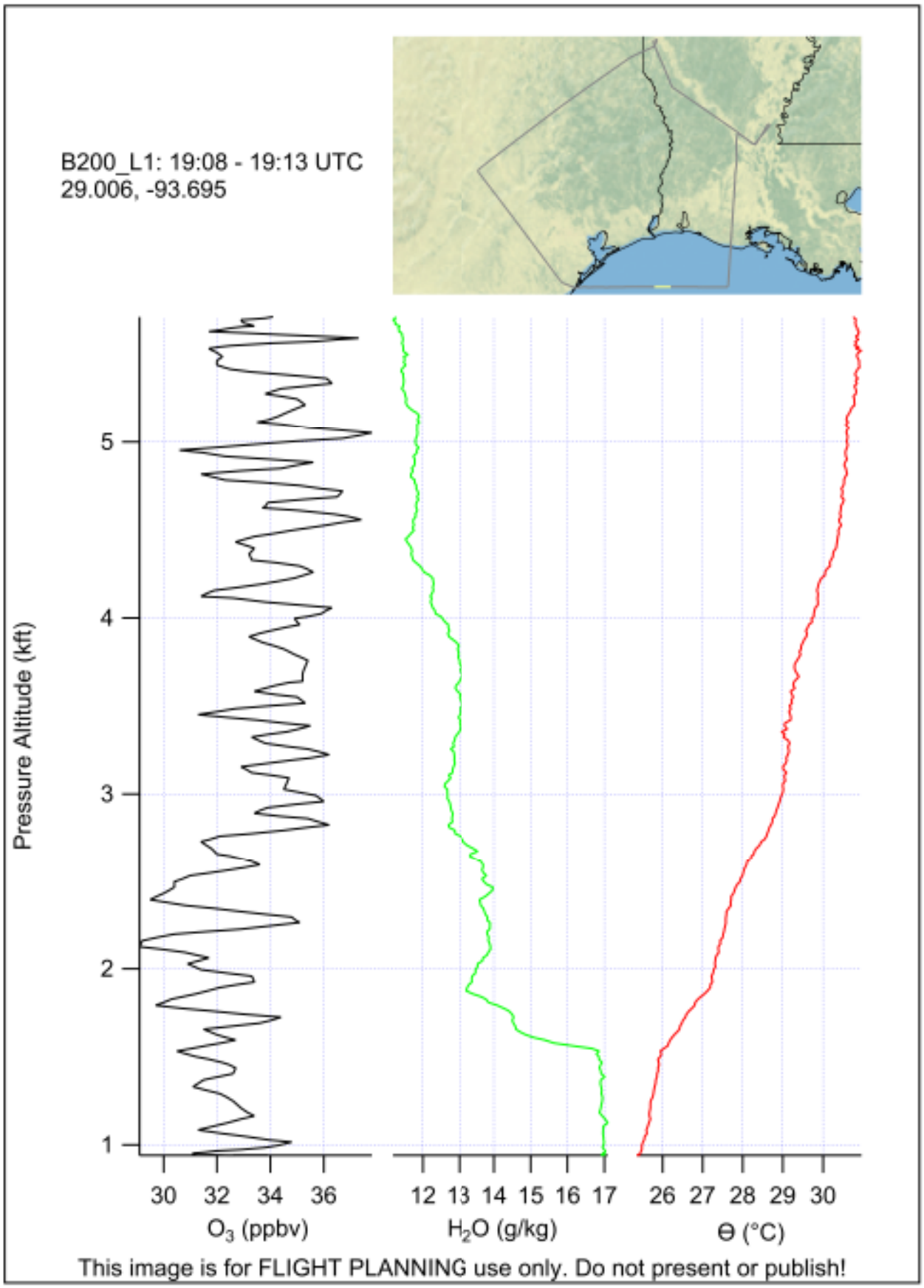

B200_L1: 18:43 - 18:50 UTC
29.188, -92.512
Pressure Altitude (kft)
1
2
3
4
5
6
35 40 45 50
O3 (ppbv)
6 8 10 12 14 16
H2O (g/kg)
24 26 28 30 32 34
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 19:08 - 19:13 UTC
29.006, -93.695
Pressure Altitude (kft)
1
2
3
4
5
30 32 34 36
O3 (ppbv)
12 13 14 15 16 17
H2O (g/kg)
26 27 28 29 30
Θ (°C)
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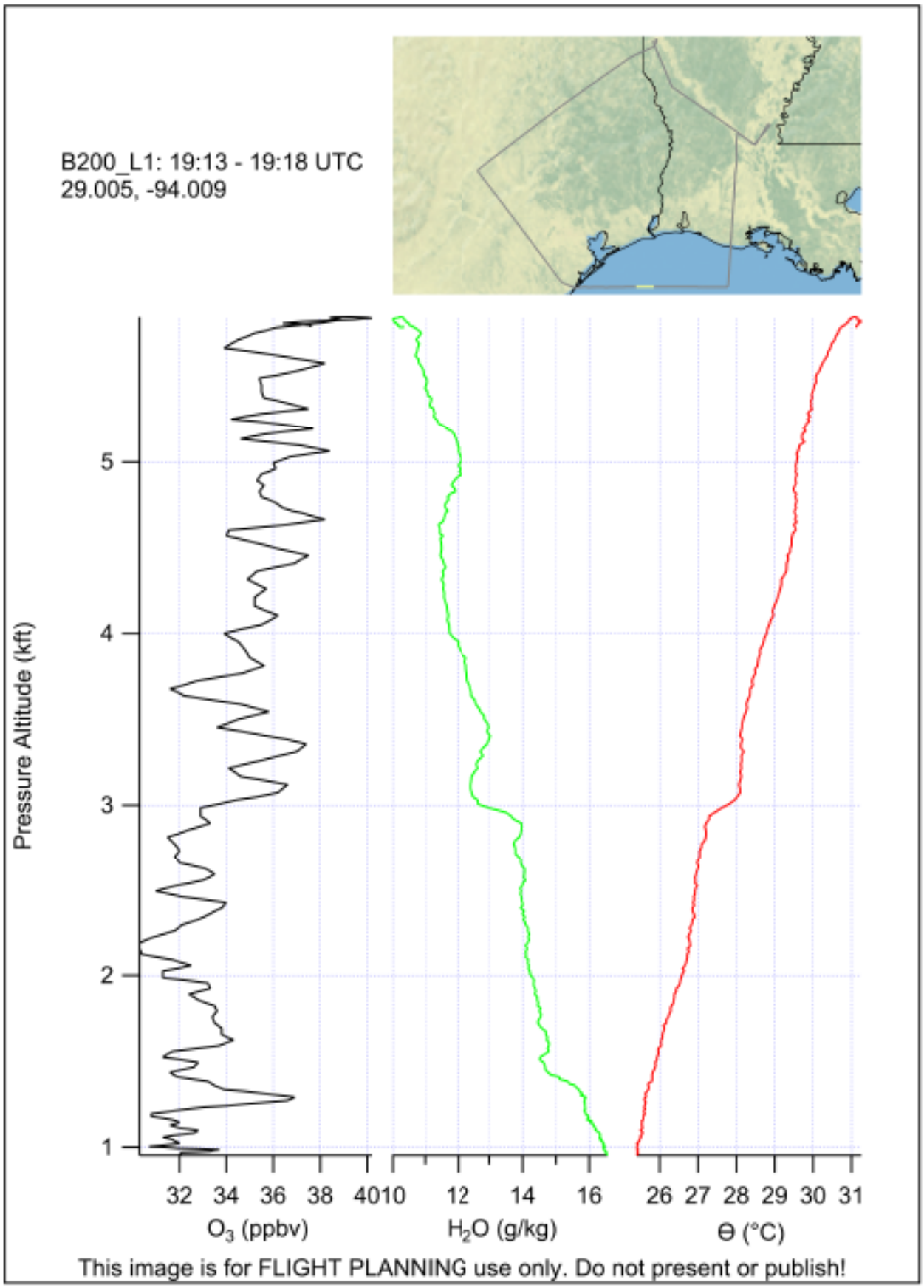
B200_L1: 19:13 - 19:18 UTC
29.005, -94.009
Pressure Altitude (kft)
1
2
3
4
5
32 34 36 38 40
O3 (ppbv)
10 12 14 16
H2O (g/kg)
26 27 28 29 30 31
Θ (°C)
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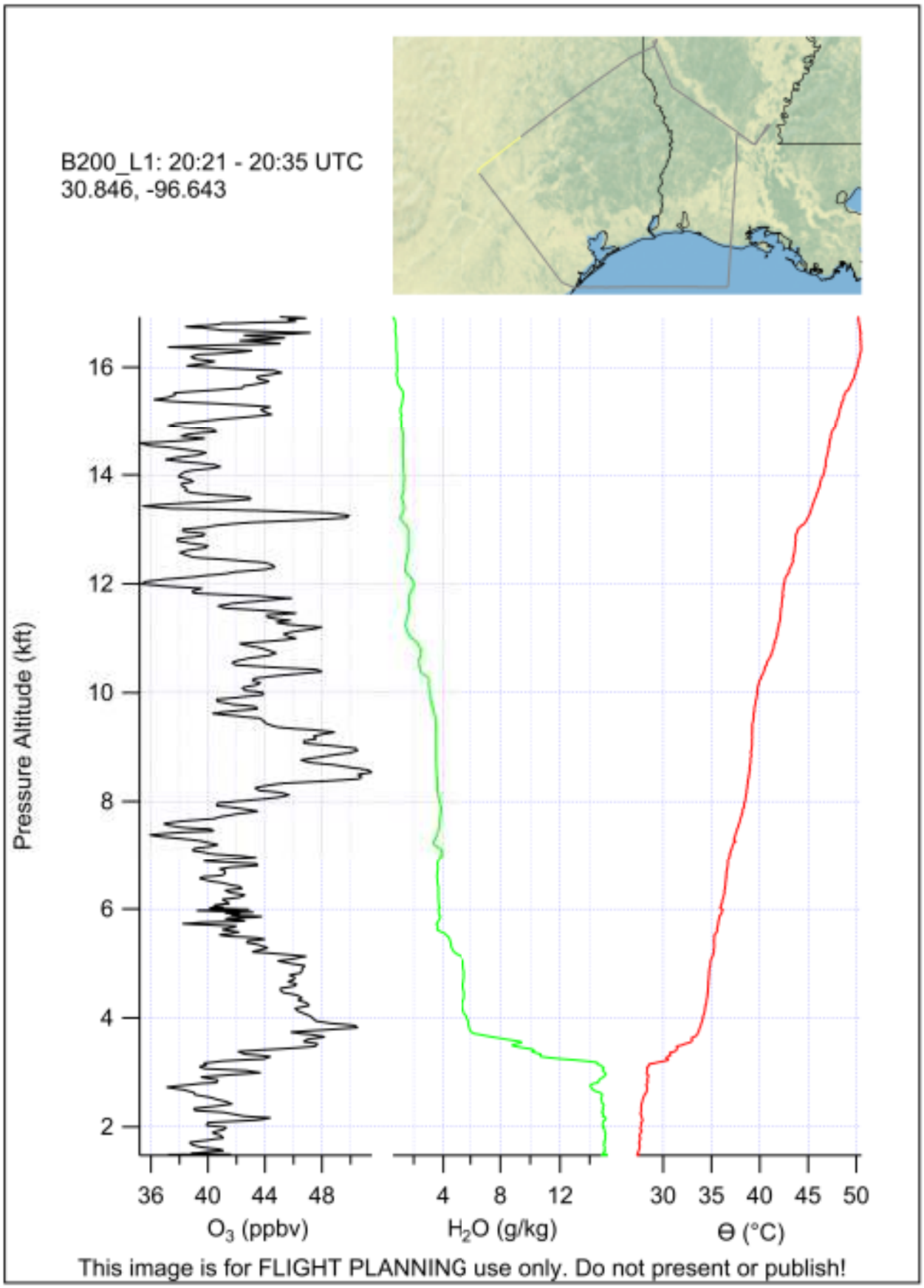
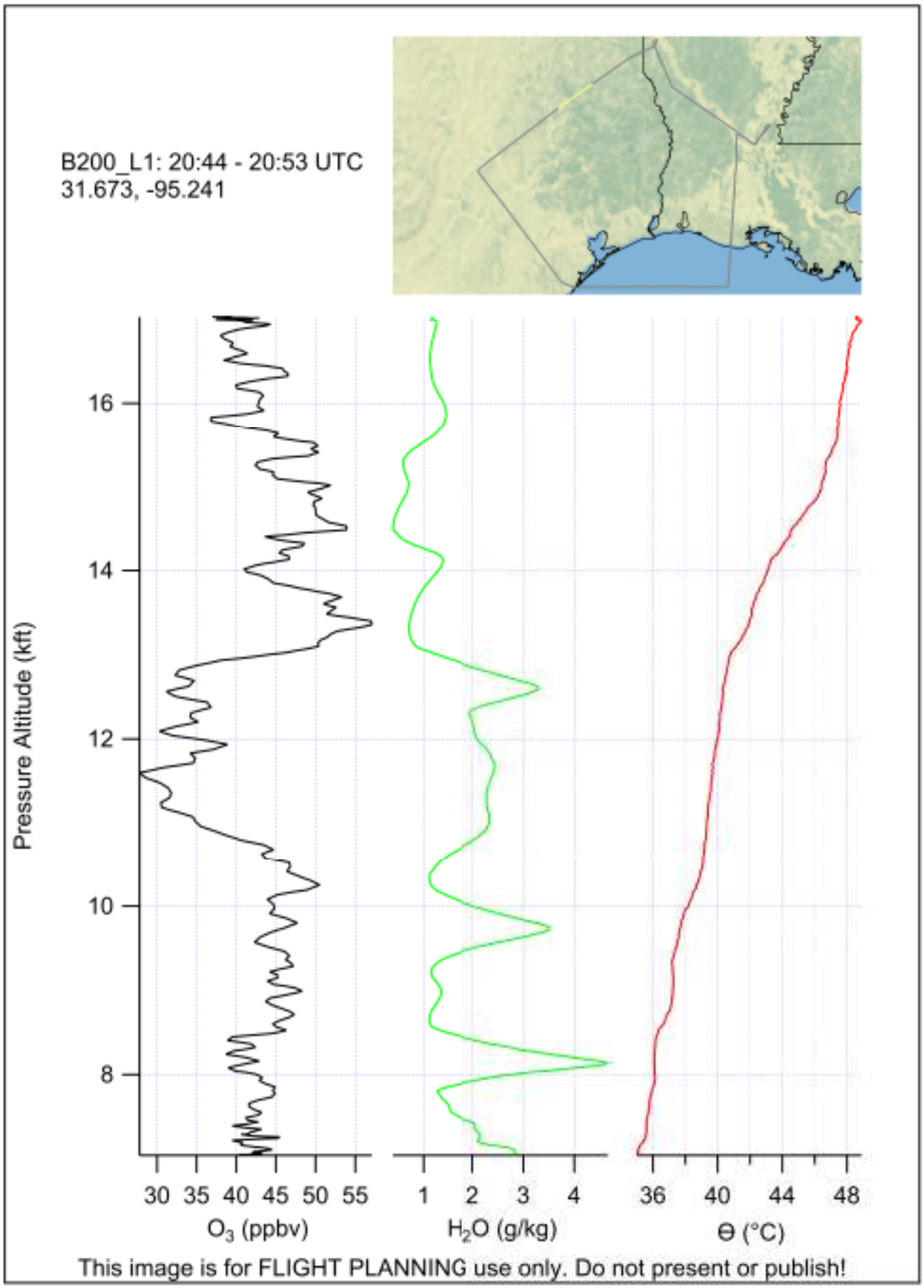
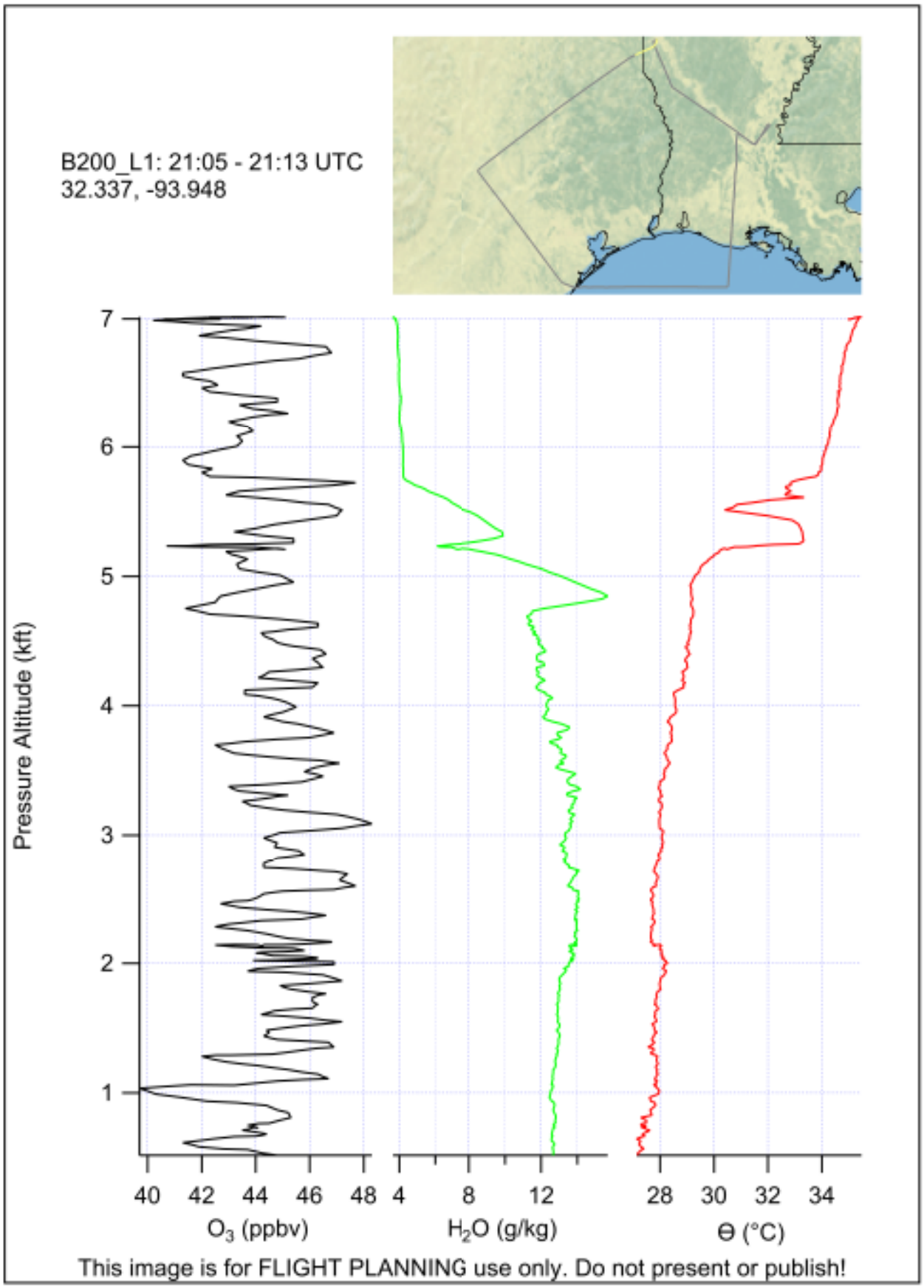
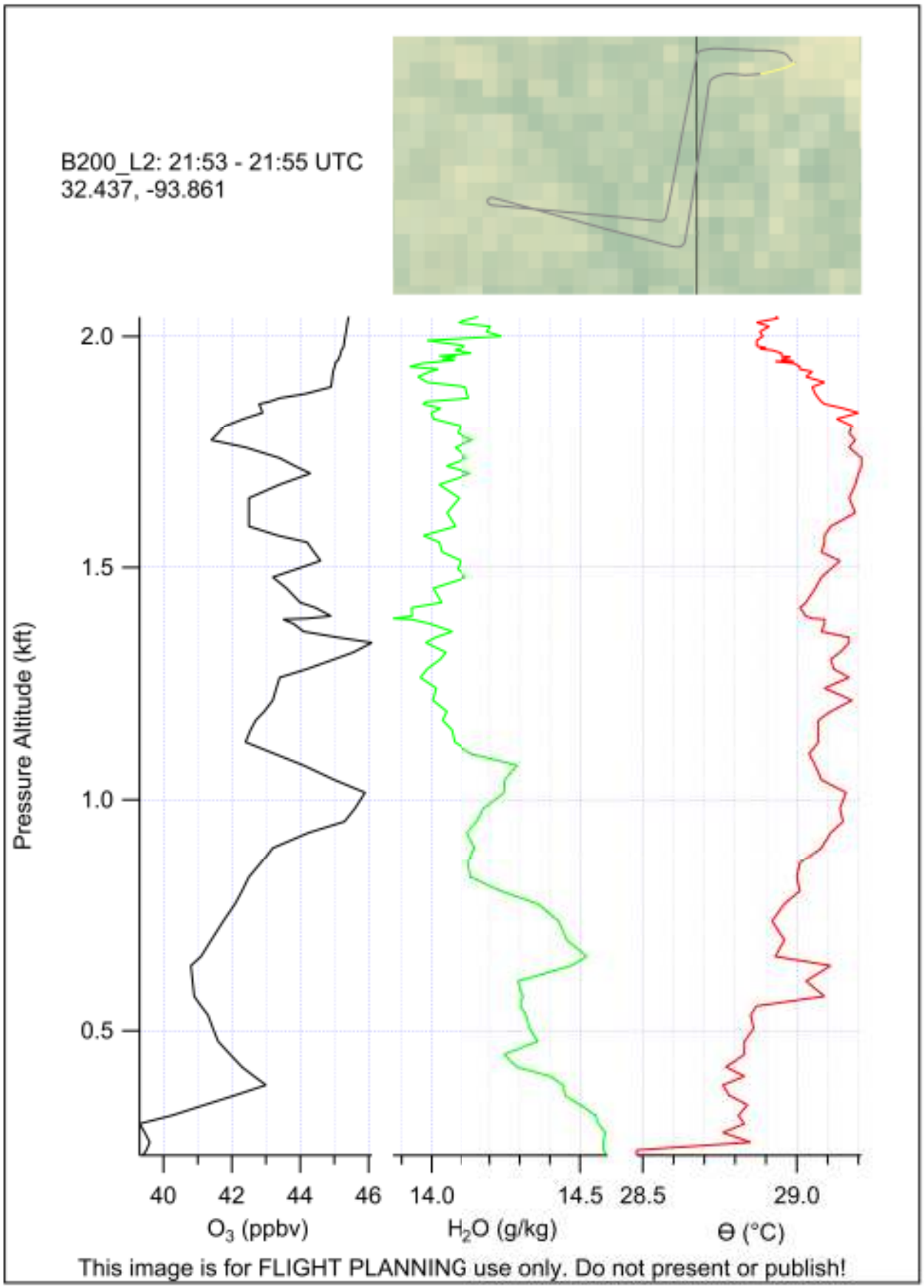
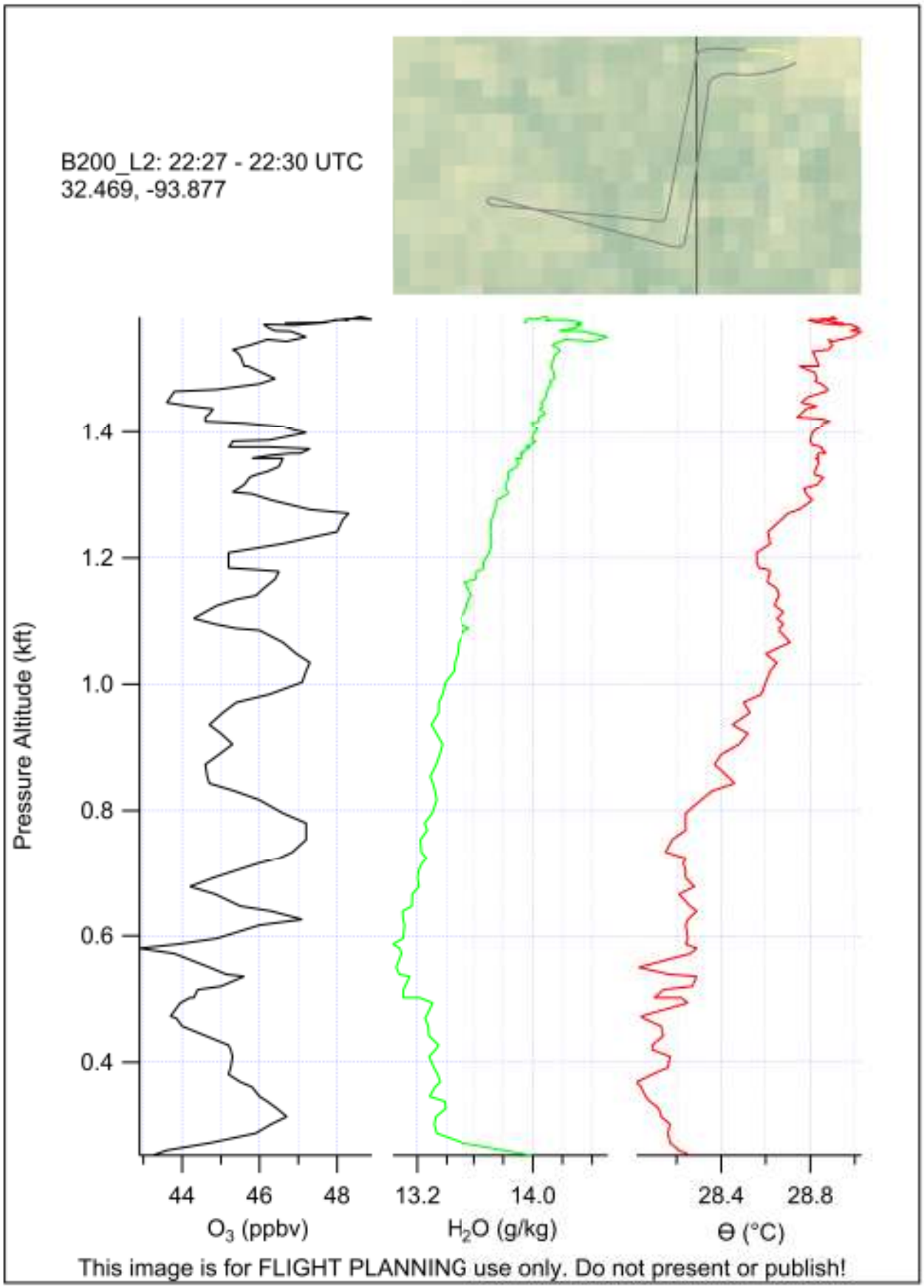

B200_L1: 20:21 - 20:35 UTC
30.846, -96.643
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
36
40
44
48
O_3 (ppbv)
4
8
12
H_2O (g/kg)
30
35
40
45
50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 20:44 - 20:53 UTC
31.673, -95.241
Pressure Altitude (kft)
16
14
12
10
8
30 35 40 45 50 55
O3 (ppbv)
1 2 3 4
H2O (g/kg)
36 40 44 48
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 21:05 - 21:13 UTC
32.337, -93.948
Pressure Altitude (kft)
7
6
5
4
3
2
1
40
42
44
46
48
O3 (ppbv)
4
8
12
H2O (g/kg)
28
30
32
34
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 21:53 - 21:55 UTC
32.437, -93.861
Pressure Altitude (kft)
2.0
1.5
1.0
0.5
40
42
44
46
O3 (ppbv)
14.0
14.5
H2O (g/kg)
28.5
29.0
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 22:27 - 22:30 UTC
32.469, -93.877
Pressure Altitude (kft)
1.4
1.2
1.0
0.8
0.6
0.4
44
46
48
O3 (ppbv)
13.2
14.0
H2O (g/kg)
28.4
28.8
Θ (°C)
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