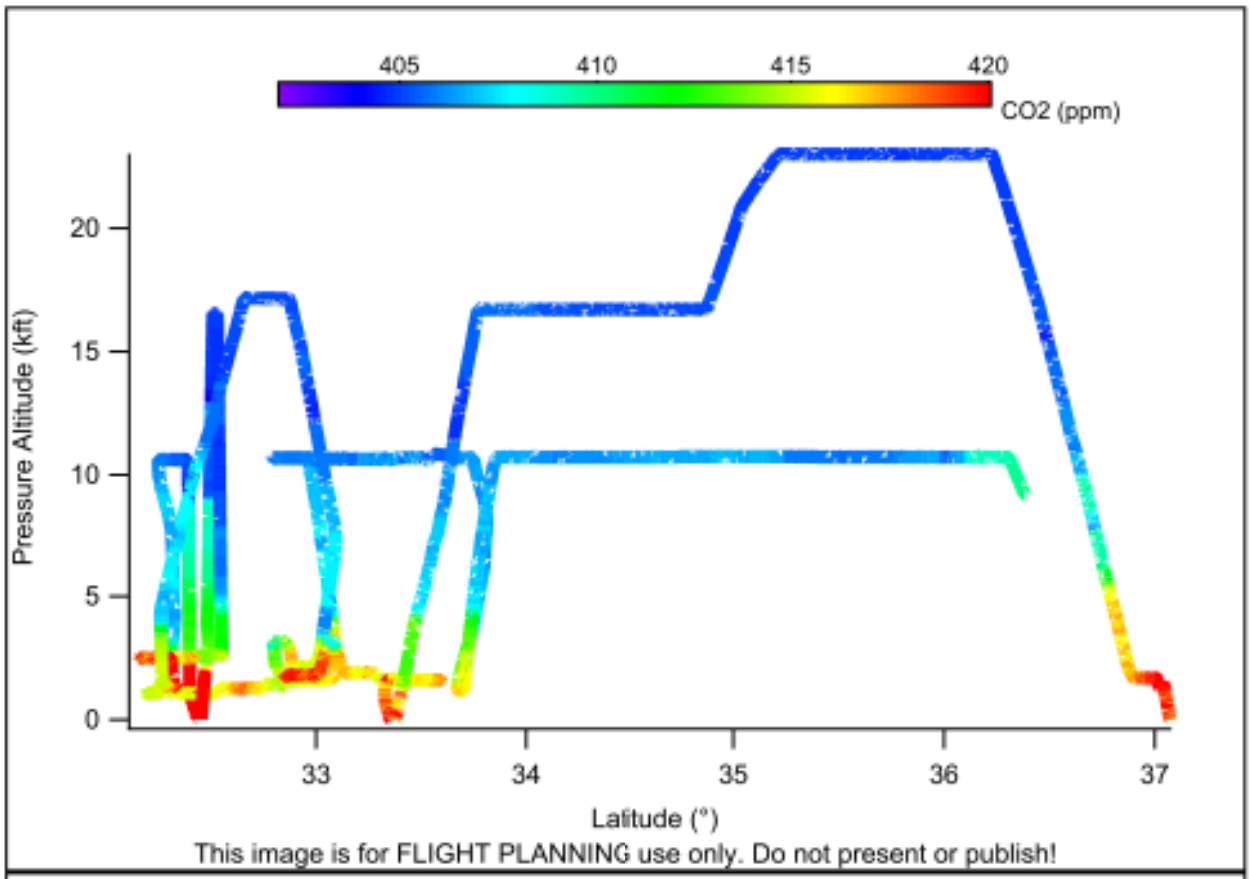
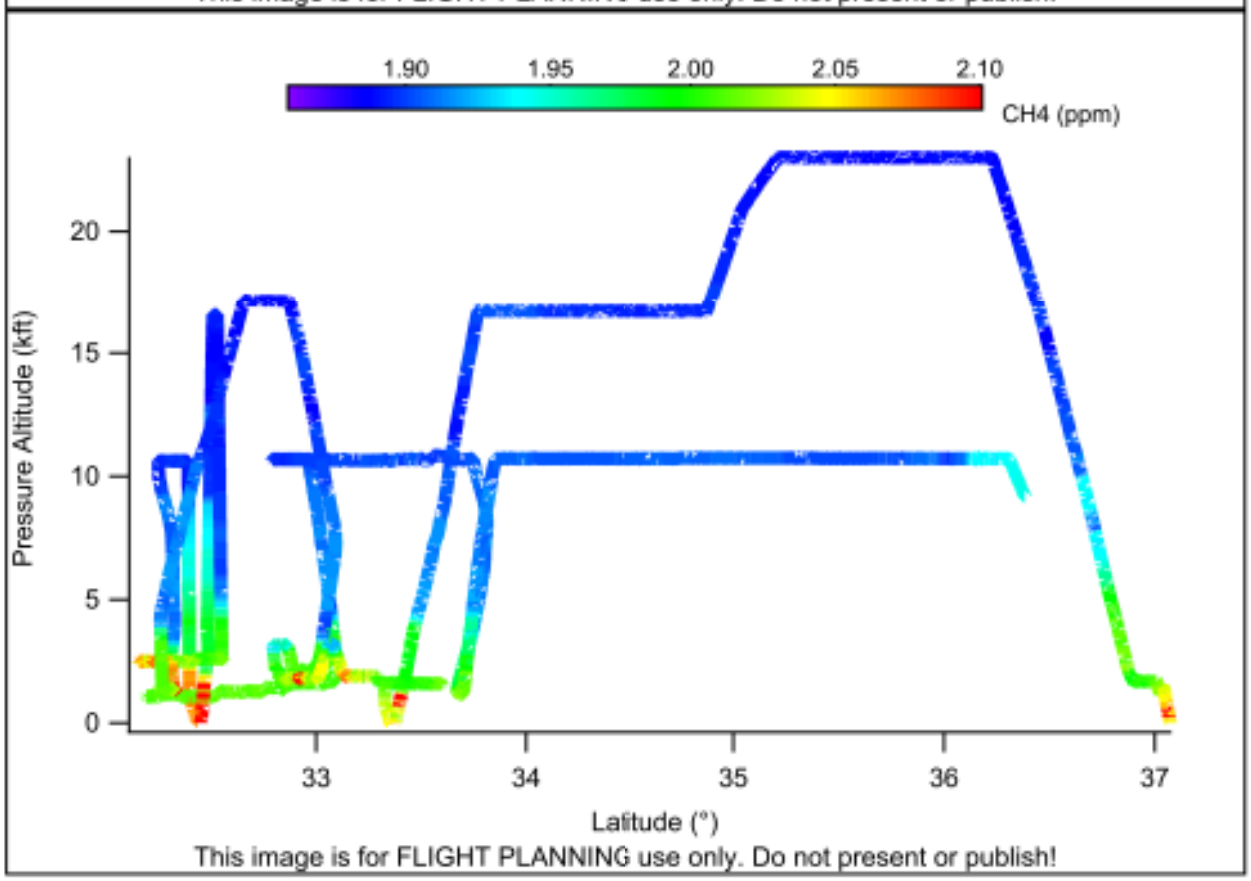
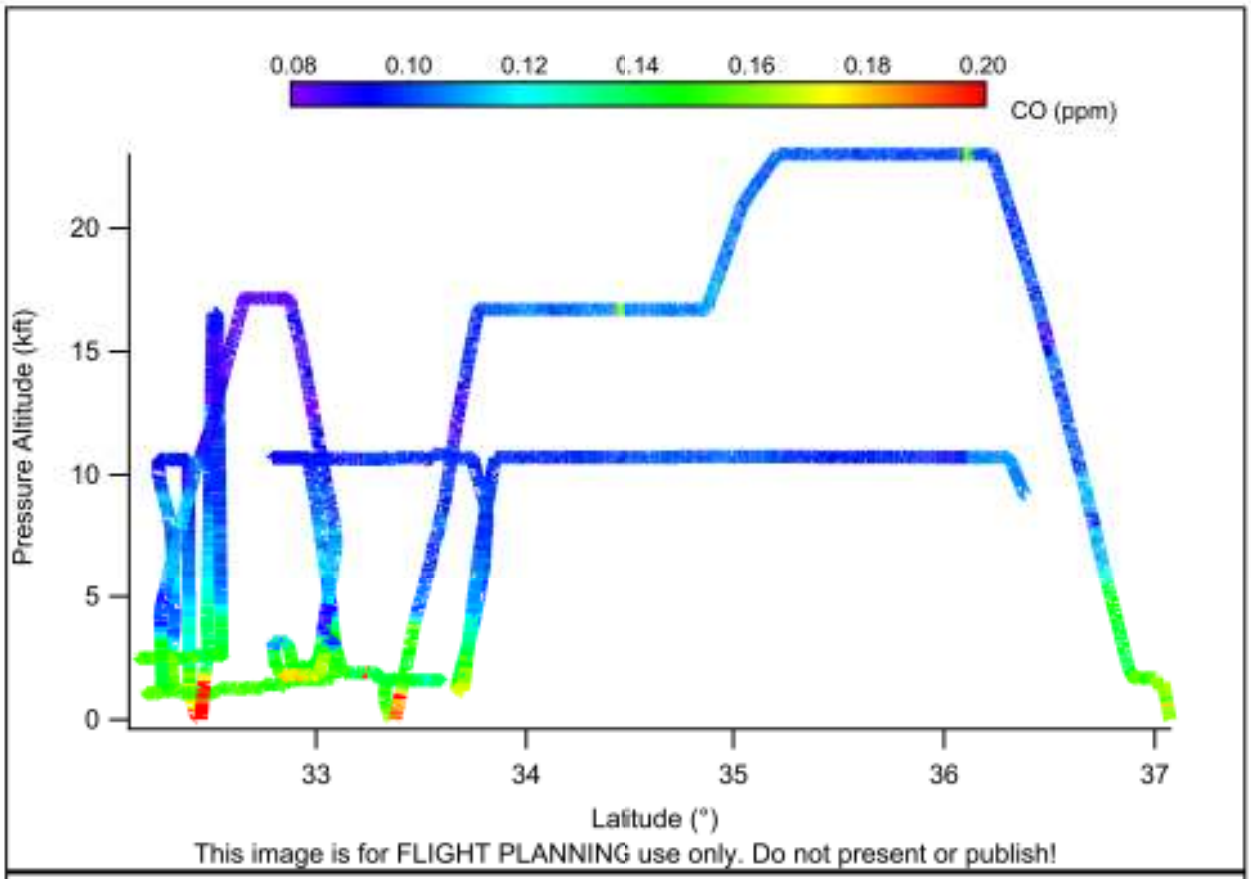
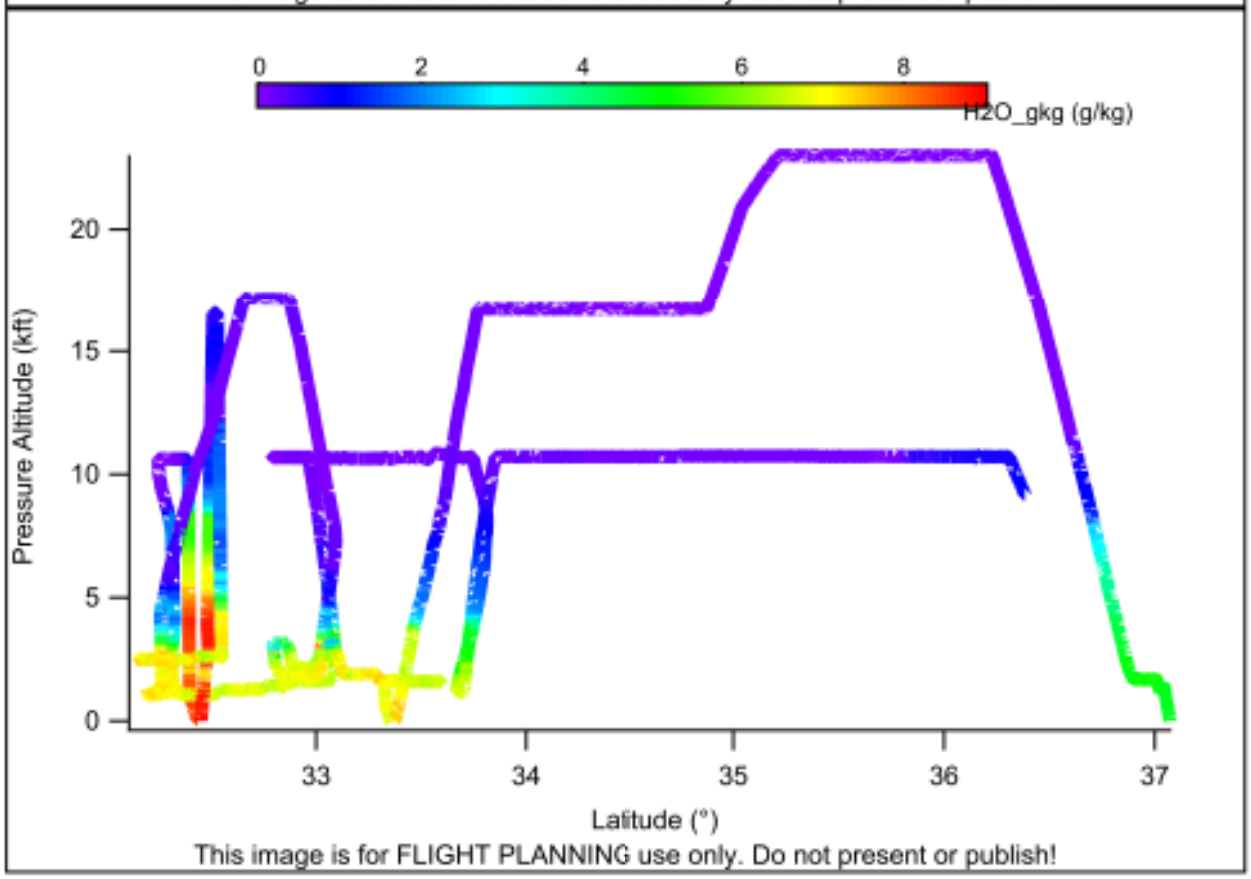
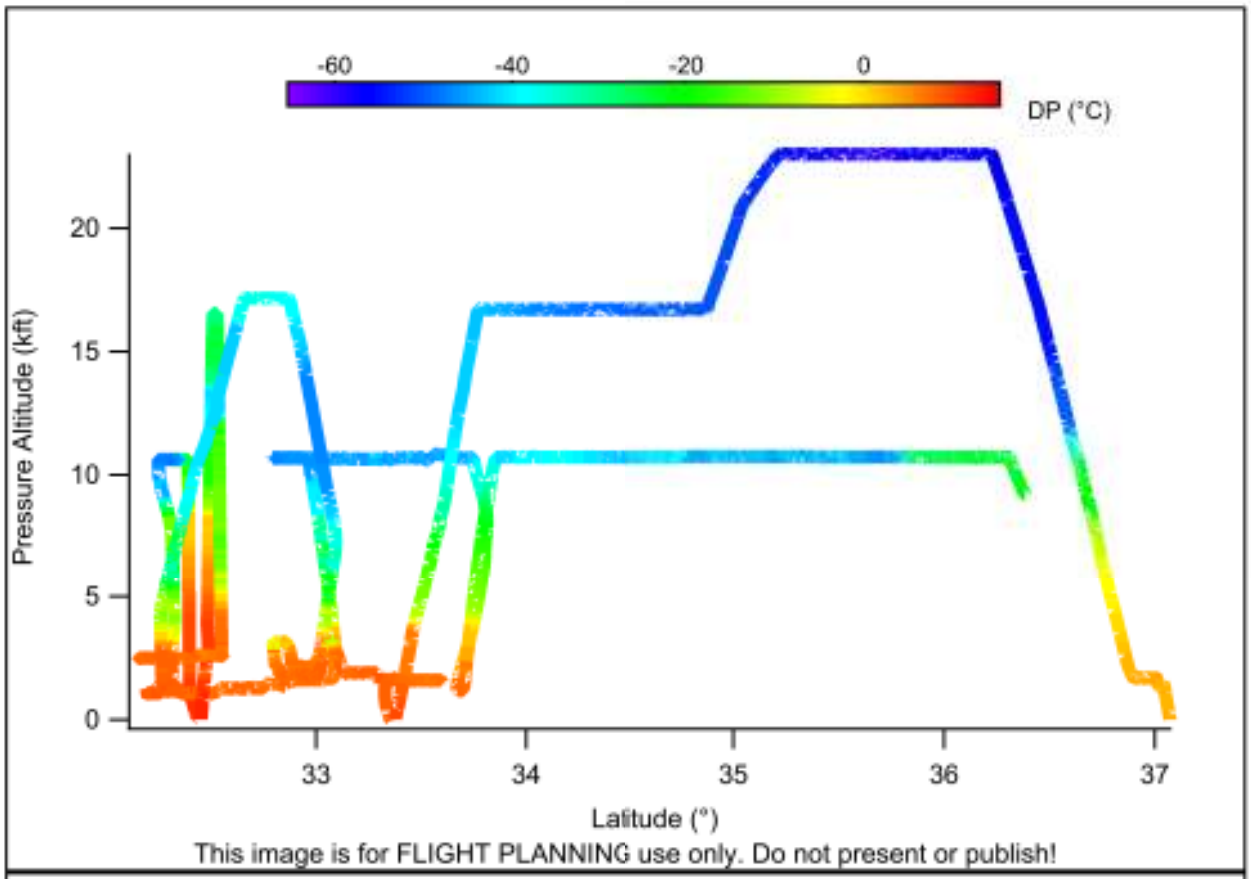
ACT-America 20171113

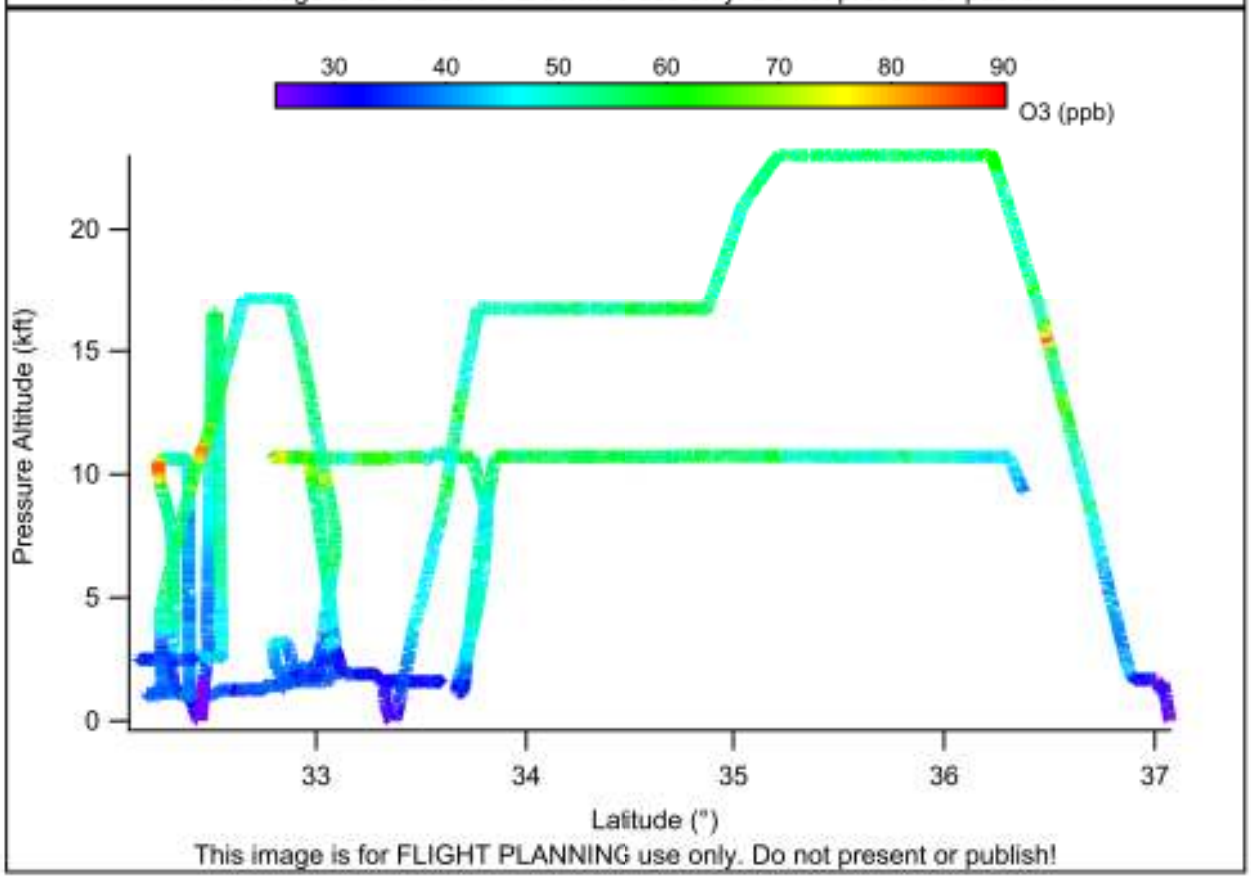

405
410
415
420
CO2 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
33
34
35
36
37
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

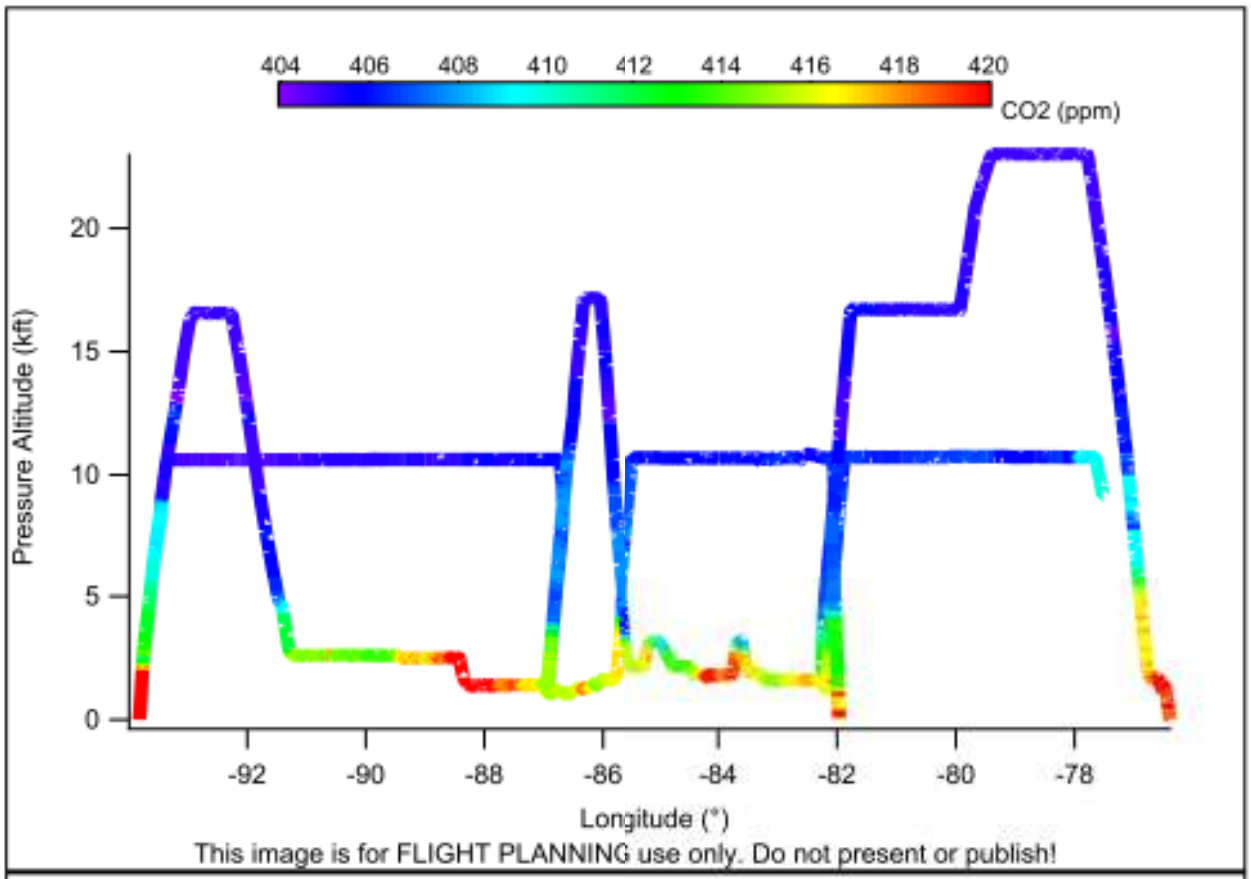

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
33
34
35
36
37
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

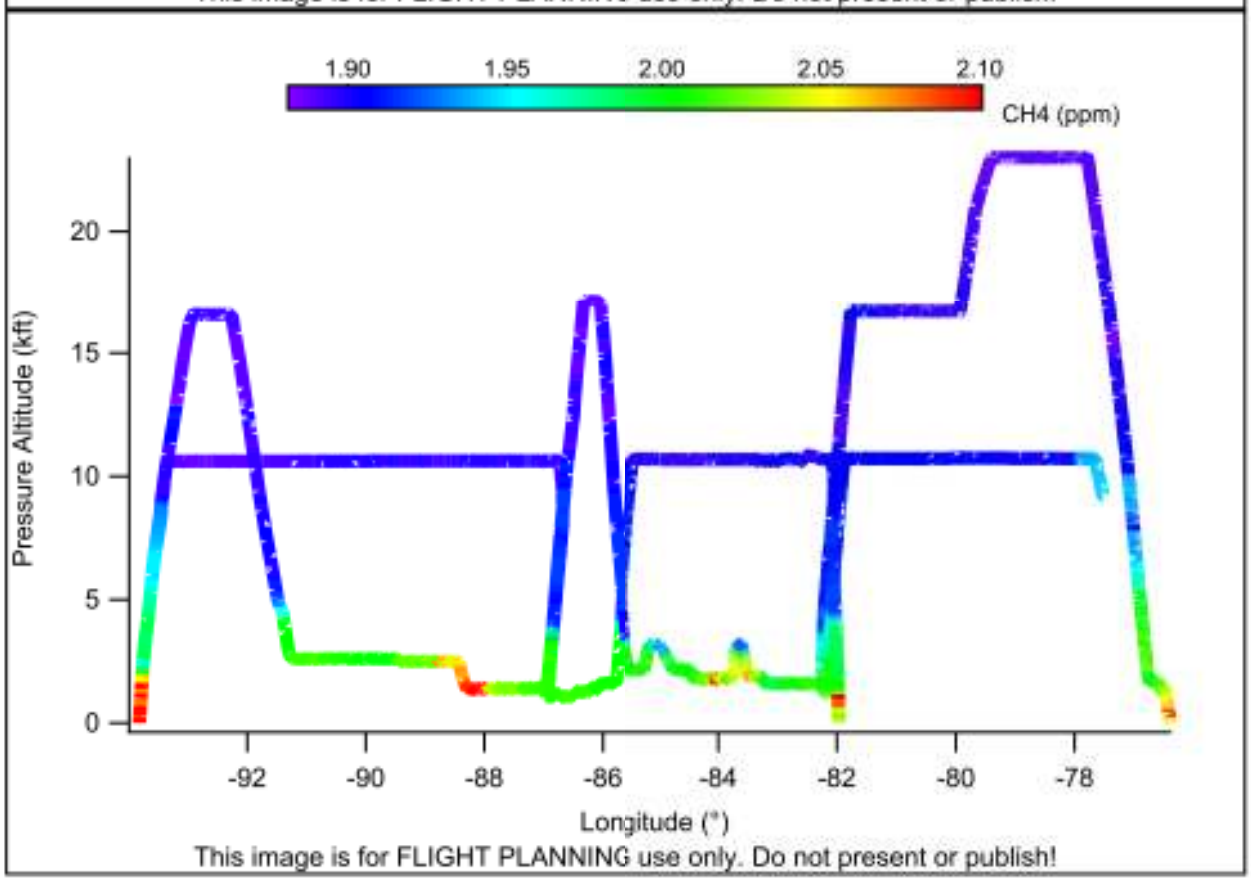

0.08
0.10
0.12
0.14
0.16
0.18
0.20
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
33
34
35
36
37
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

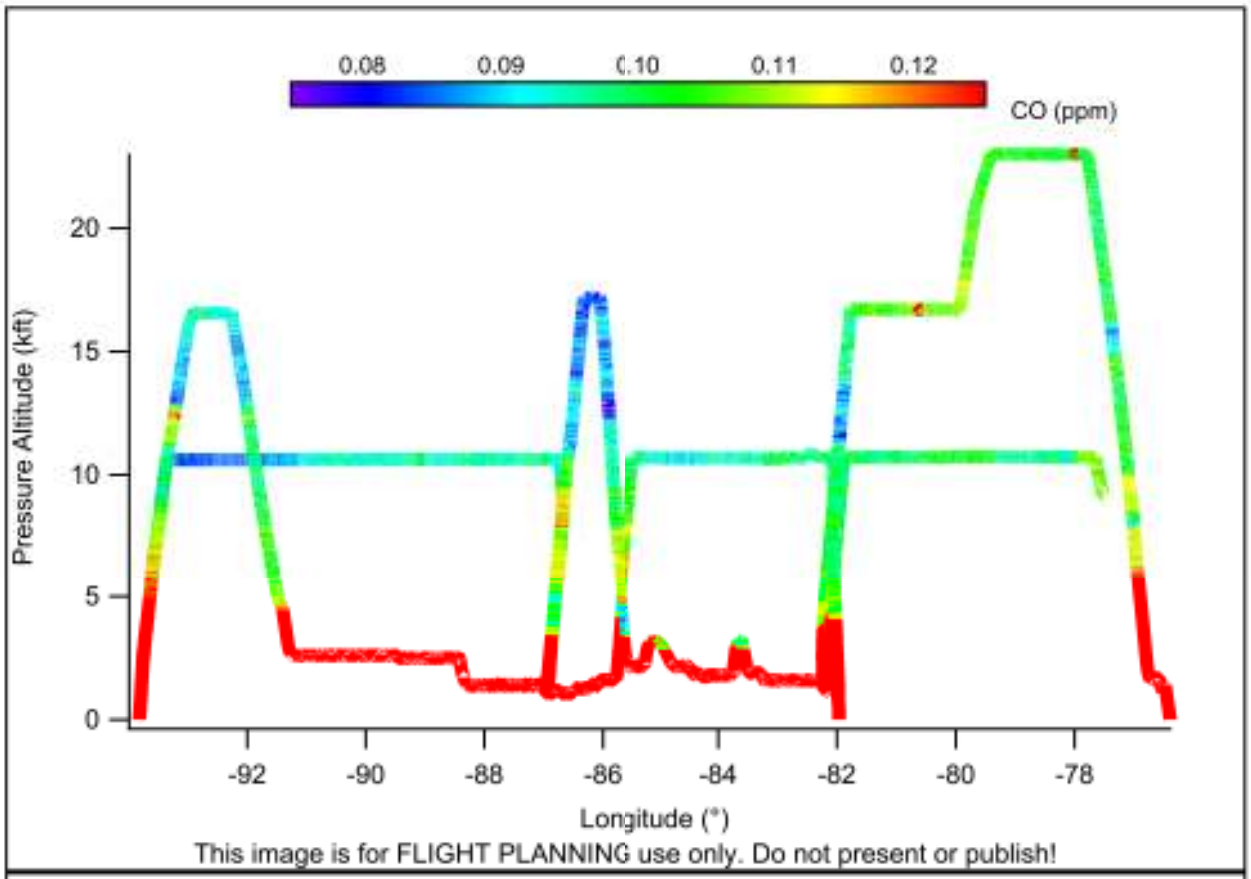

0
2
4
6
8
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
33
34
35
36
37
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

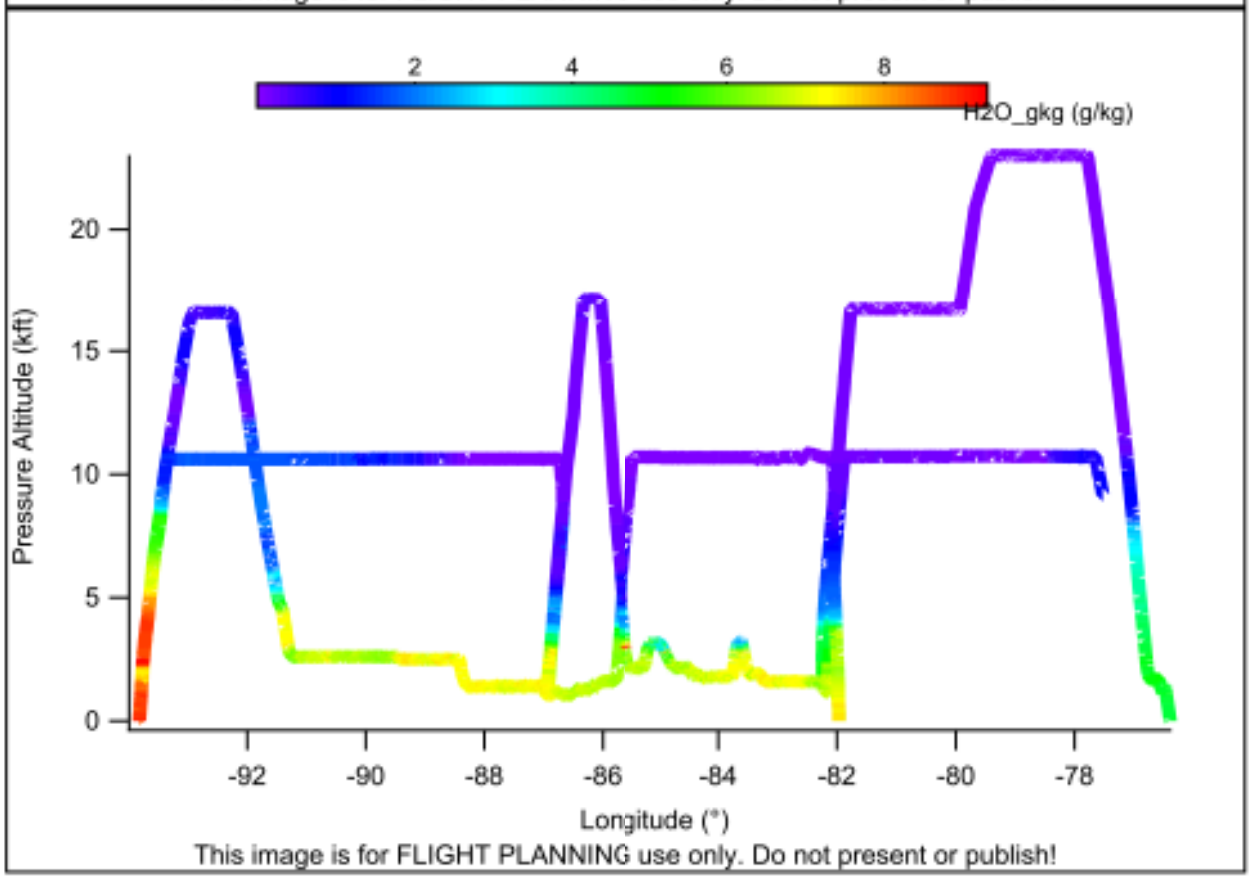

-60
-40
-20
0
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
33
34
35
36
37
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

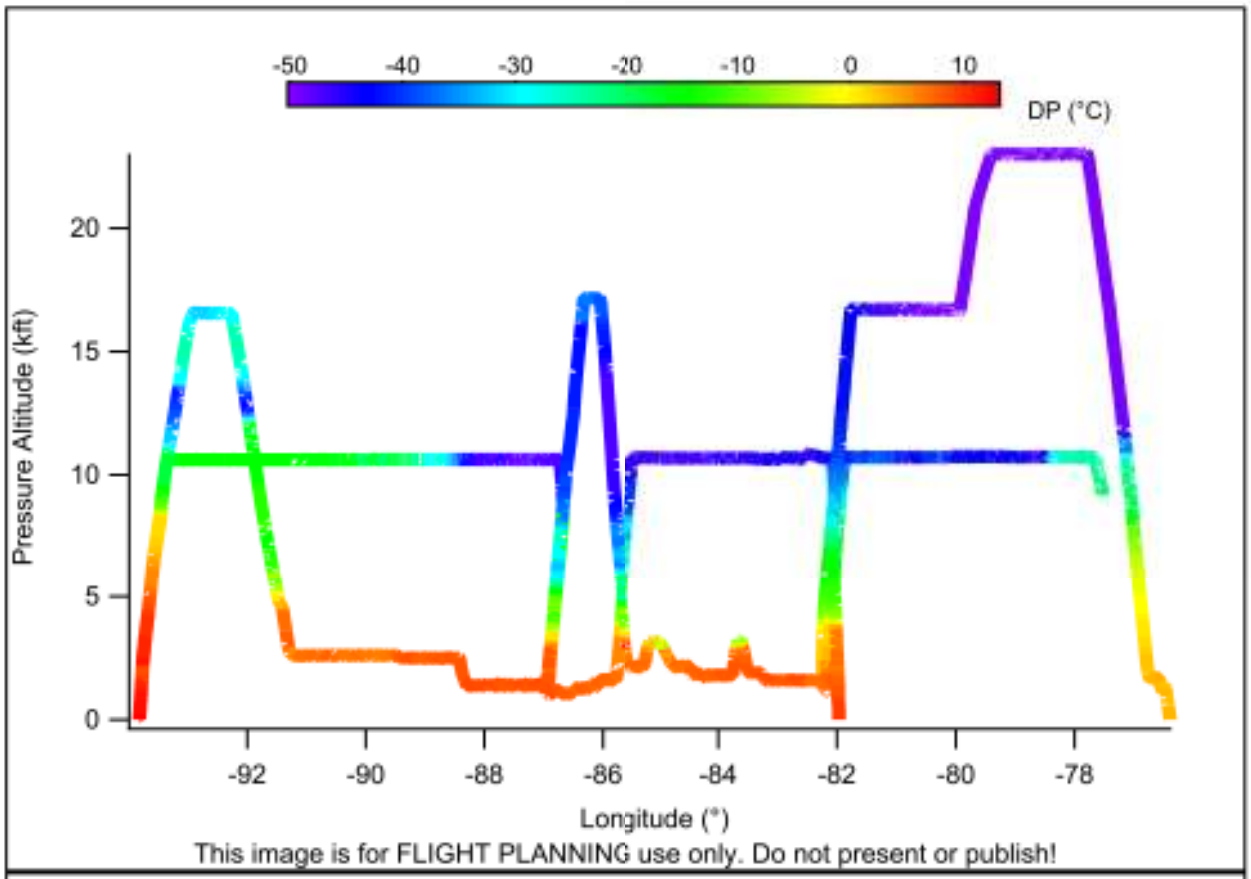

30
40
50
60
70
80
90
O3 (ppb)
Pressure Altitude (kft)
20
15
10
5
0
33
34
35
36
37
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

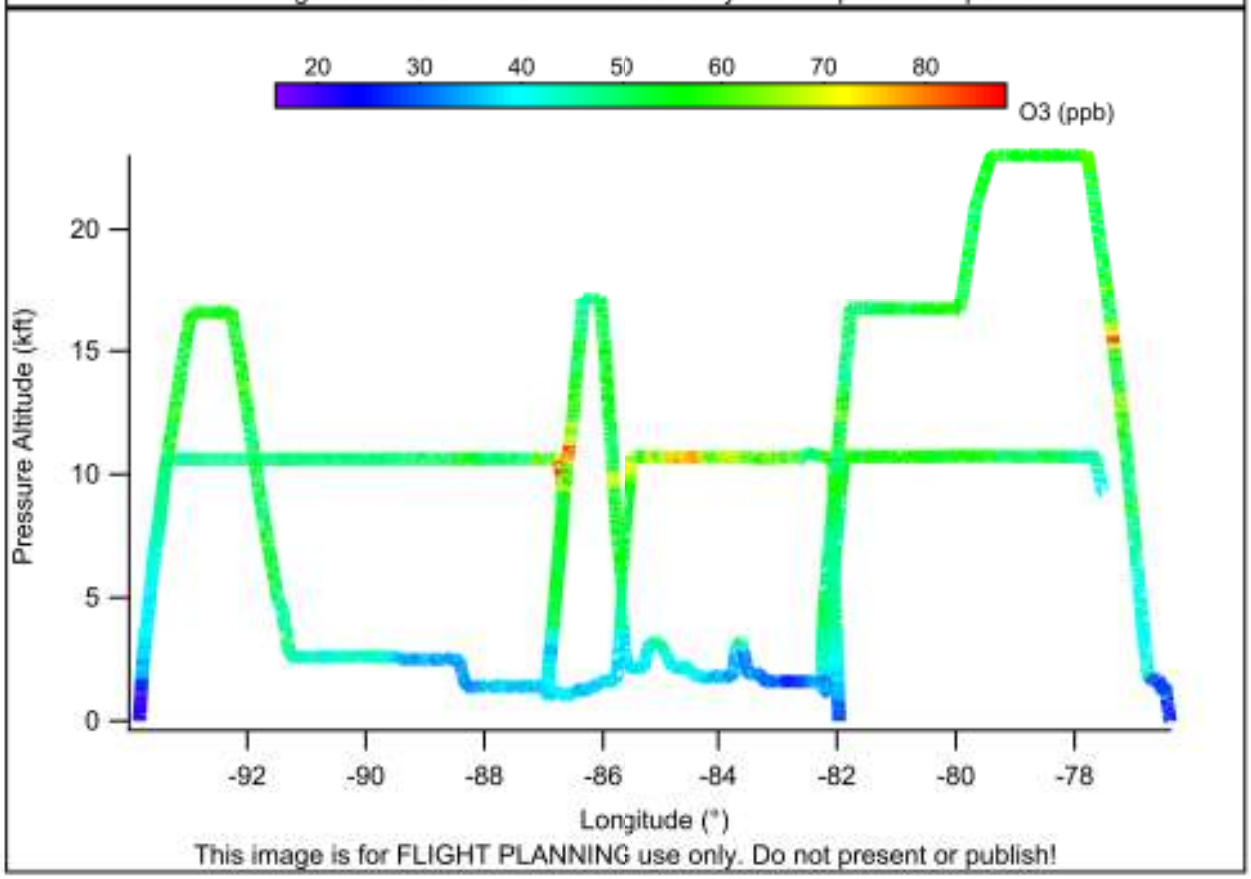

404
406
408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-92
-90
-88
-86
-84
-82
-80
-78
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

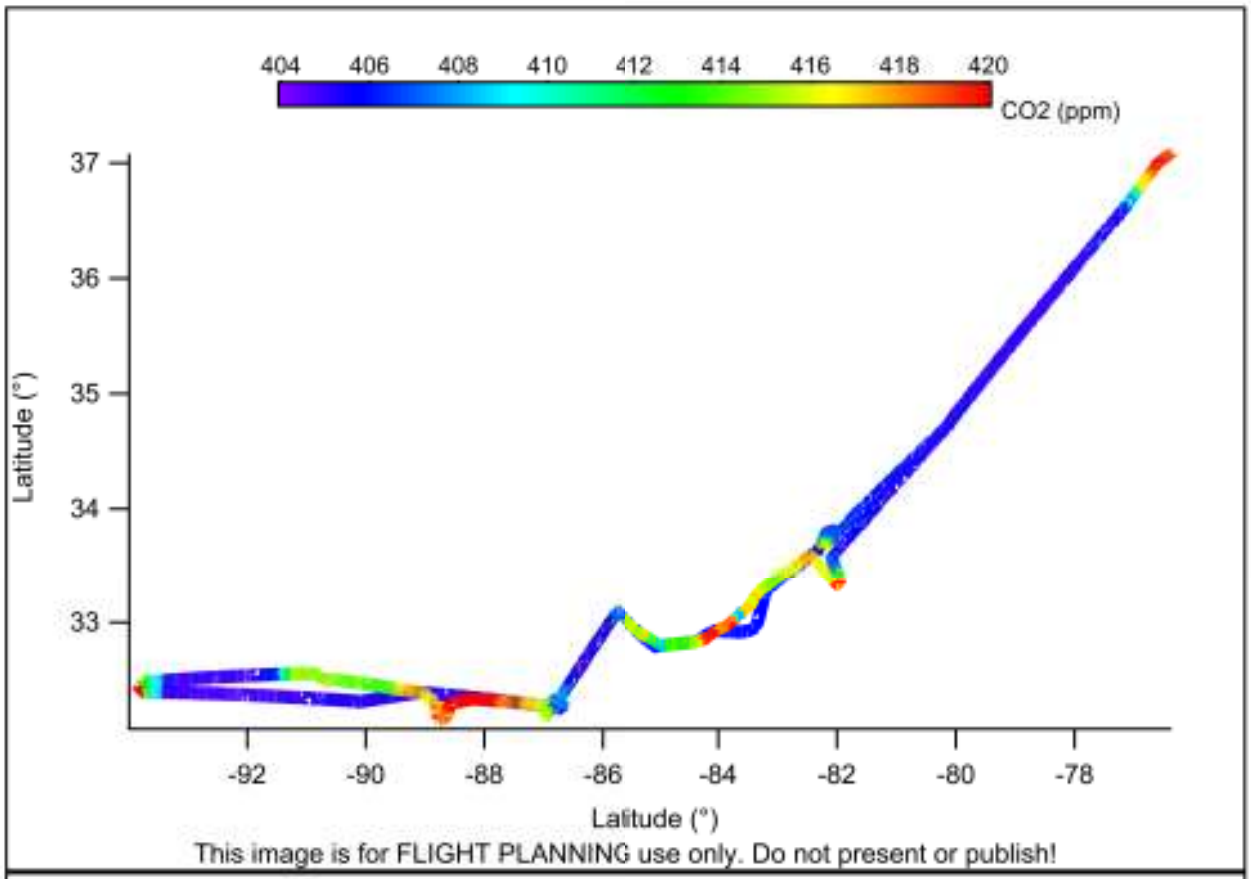

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-92
-90
-88
-86
-84
-82
-80
-78
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

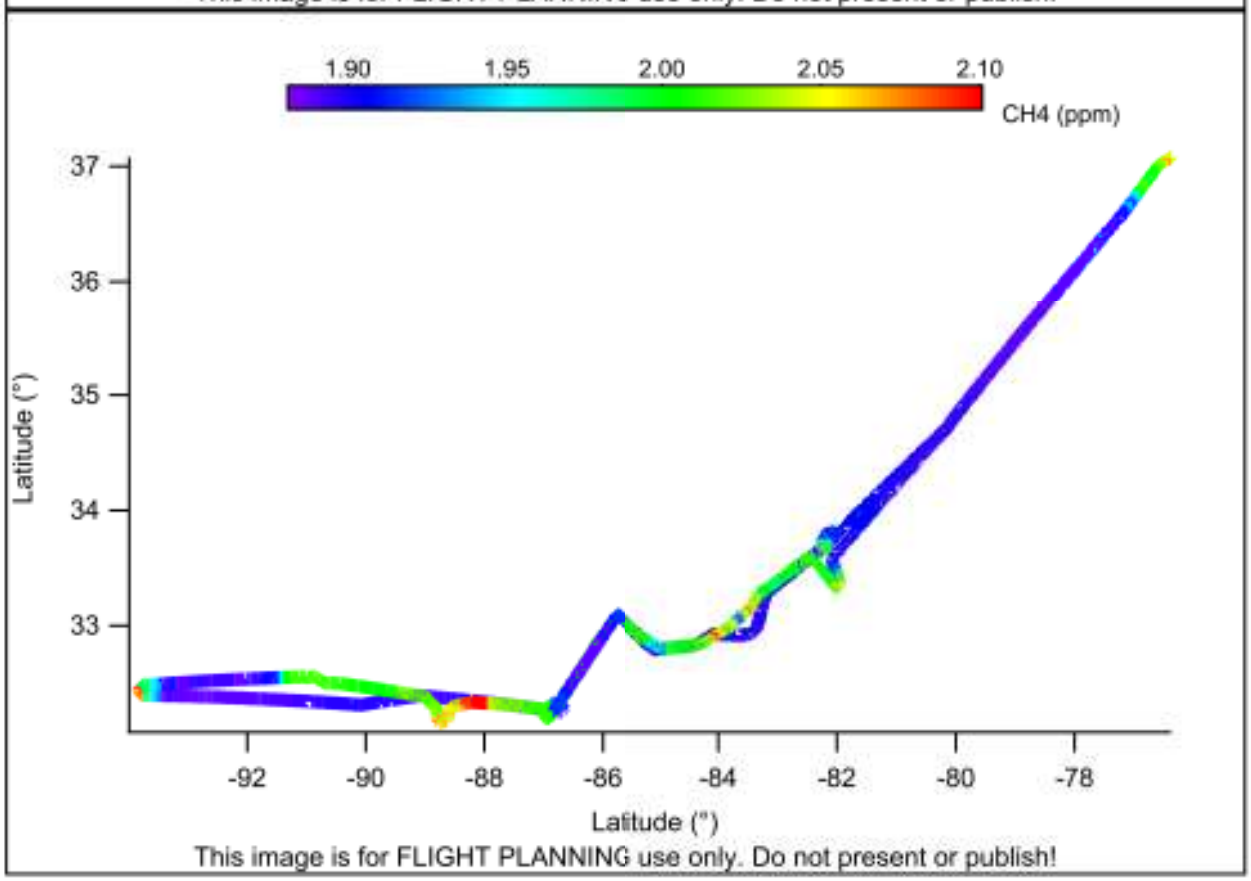

0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-92
-90
-88
-86
-84
-82
-80
-78
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

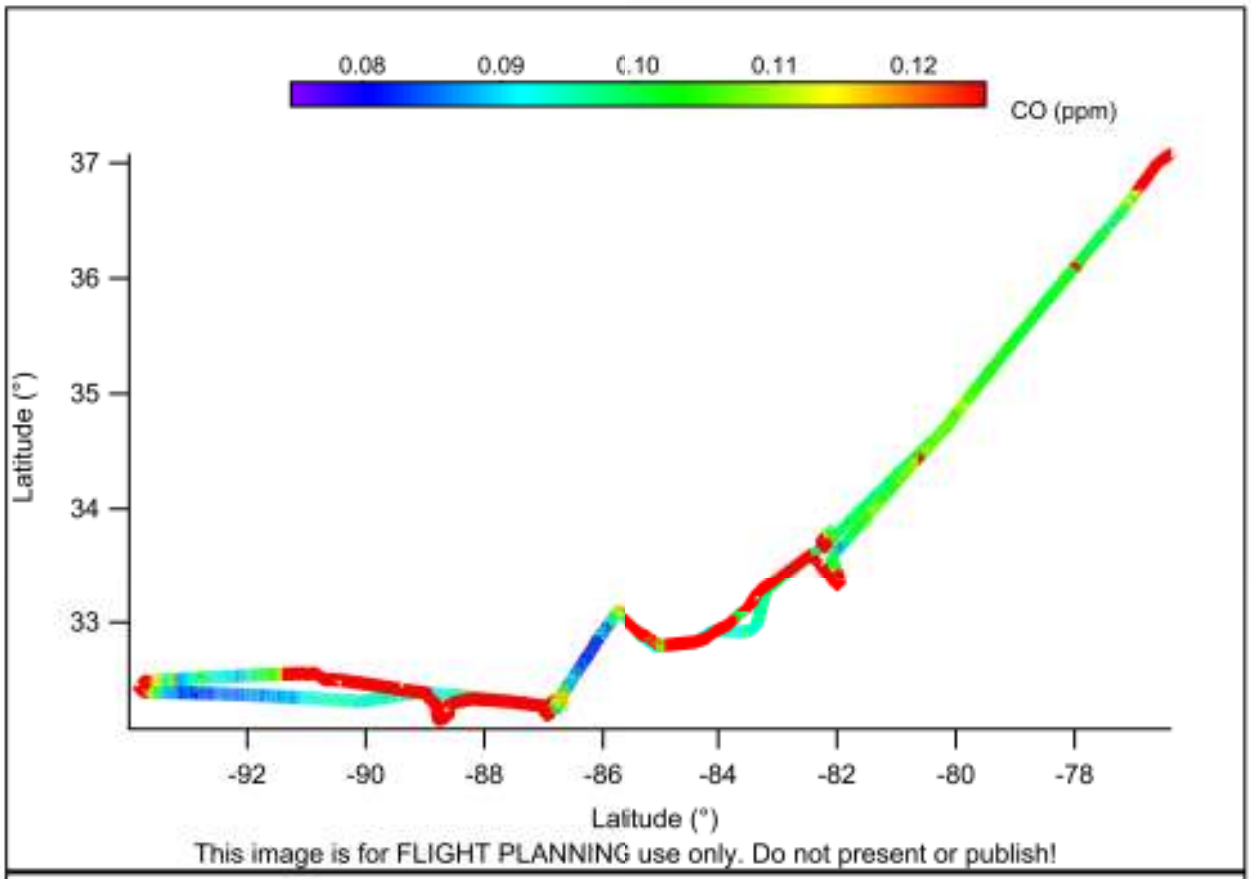

2
4
6
8
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
-92
-90
-88
-86
-84
-82
-80
-78
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

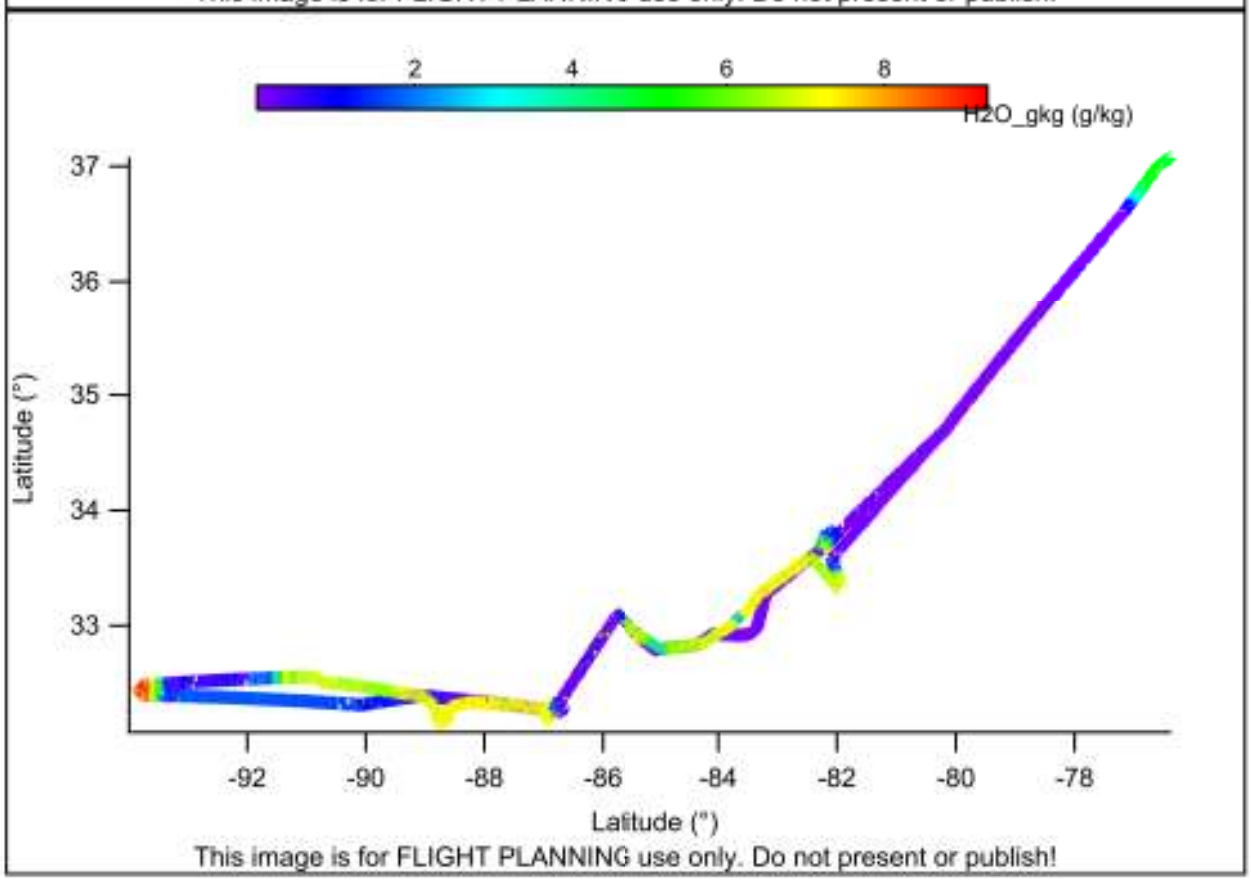

-50
-40
-30
-20
-10
0
10
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
-92
-90
-88
-86
-84
-82
-80
-78
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

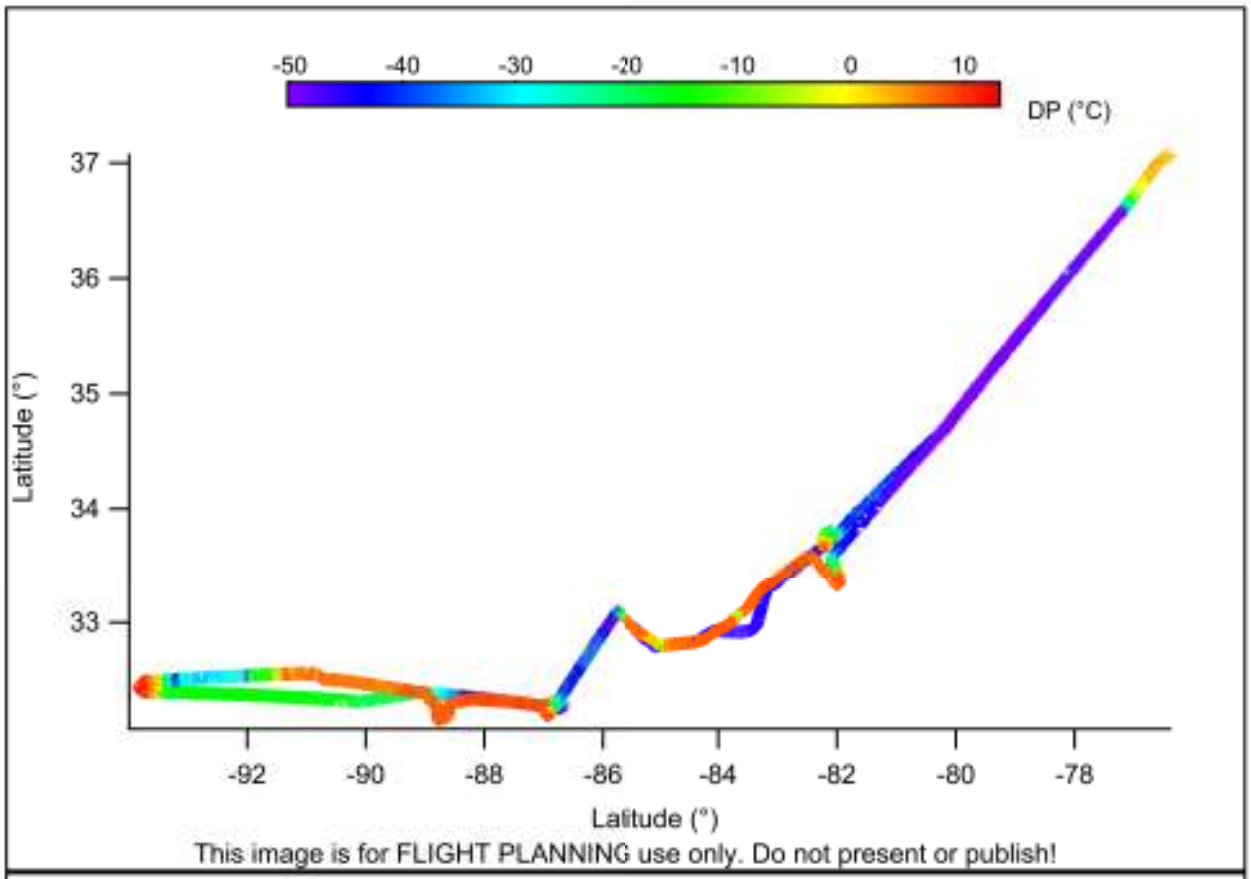

20
30
40
50
60
70
80
O3 (ppb)
Pressure Altitude (kft)
20
15
10
5
0
-92
-90
-88
-86
-84
-82
-80
-78
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


404
406
408
410
412
414
416
418
420
CO2 (ppm)
37
36
35
34
33
Latitude (°)
-92
-90
-88
-86
-84
-82
-80
-78
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)
37
36
35
34
33
Latitude (°)
-92
-90
-88
-86
-84
-82
-80
-78
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0.08
0.09
0.10
0.11
0.12
CO (ppm)
37
36
35
34
33
Latitude (°)
-92
-90
-88
-86
-84
-82
-80
-78
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


2
4
6
8
H2O_gkg (g/kg)
37
36
35
34
33
Latitude (°)
-92
-90
-88
-86
-84
-82
-80
-78
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-50
-40
-30
-20
-10
0
10
DP (°C)
37
36
35
34
33
Latitude (°)
-92
-90
-88
-86
-84
-82
-80
-78
Latitude (°)
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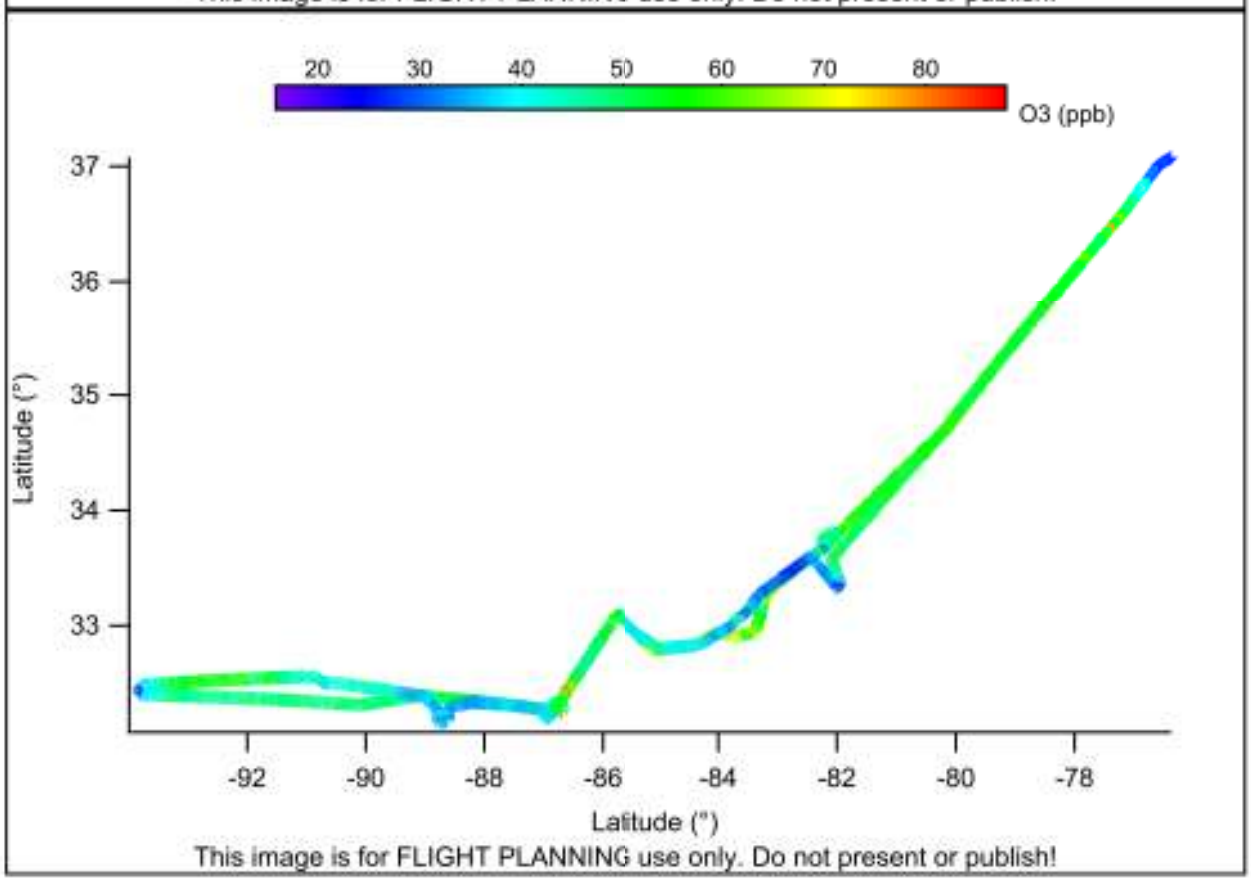
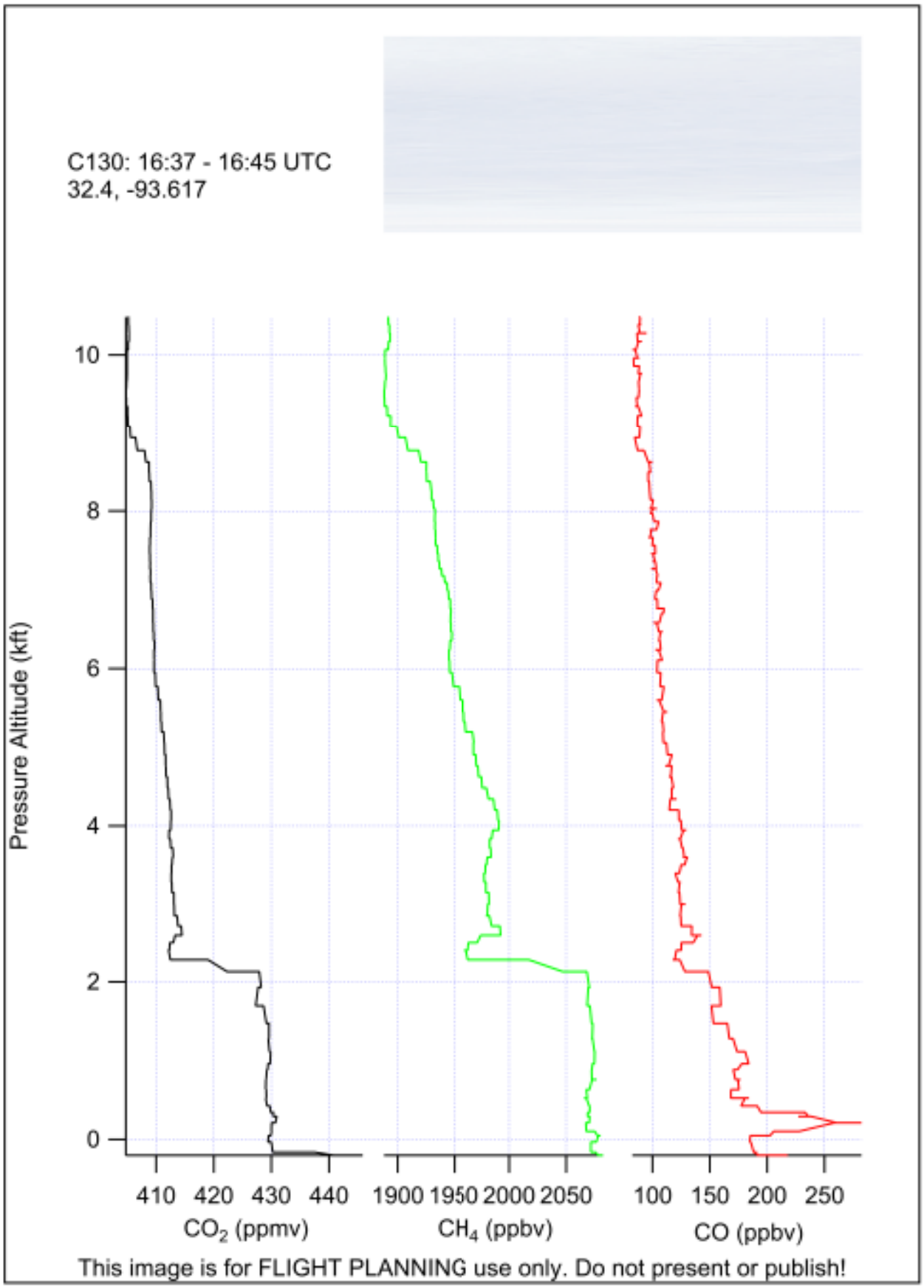
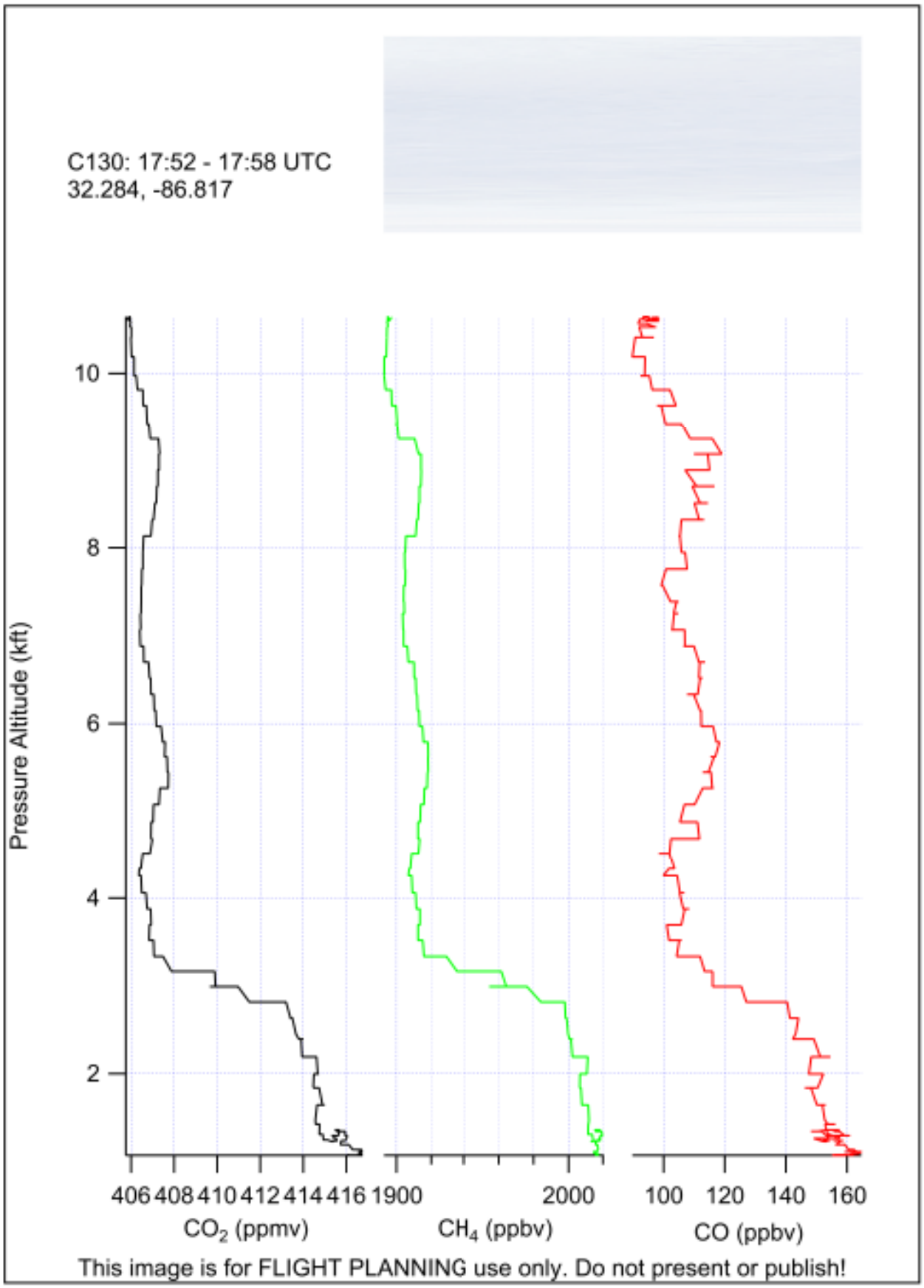
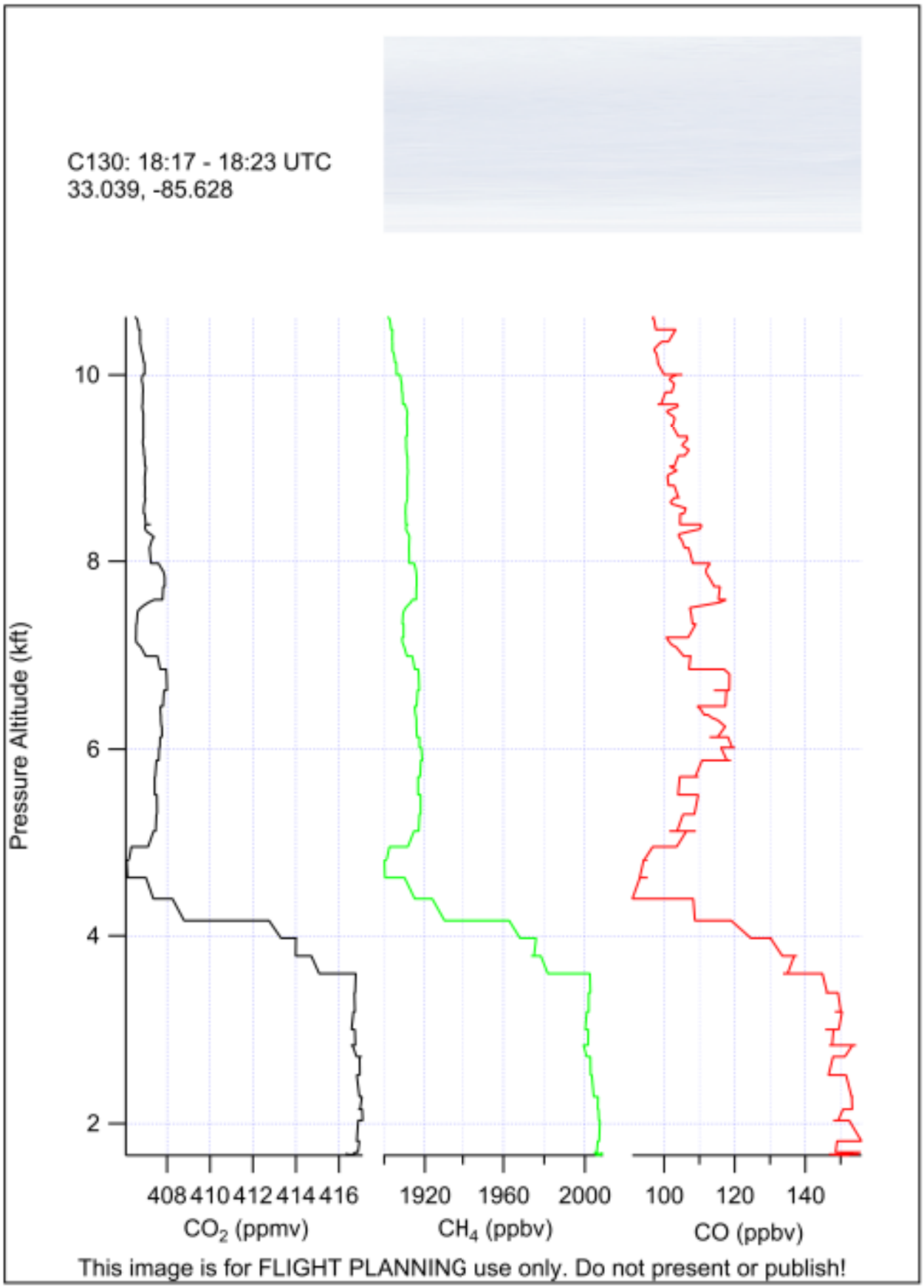
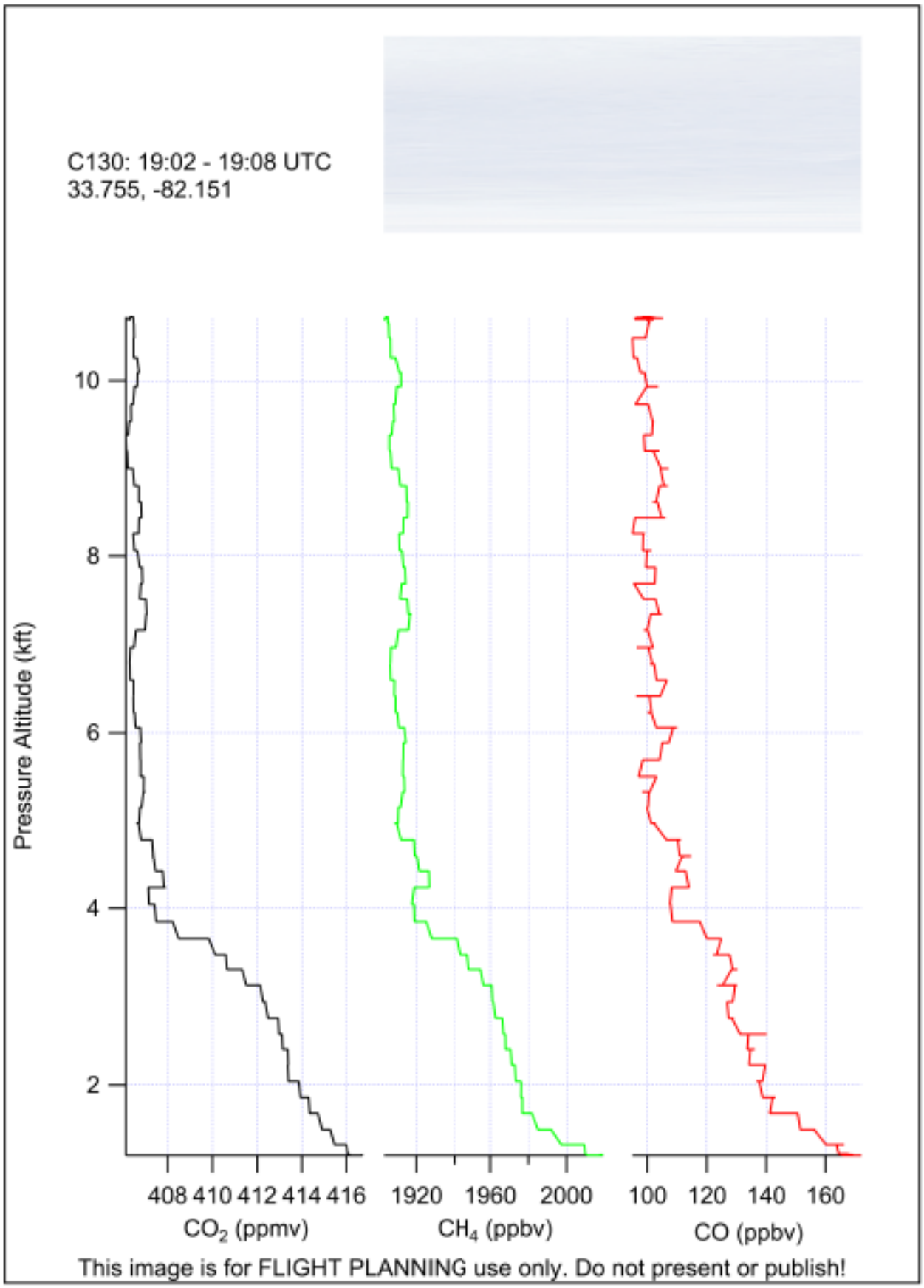
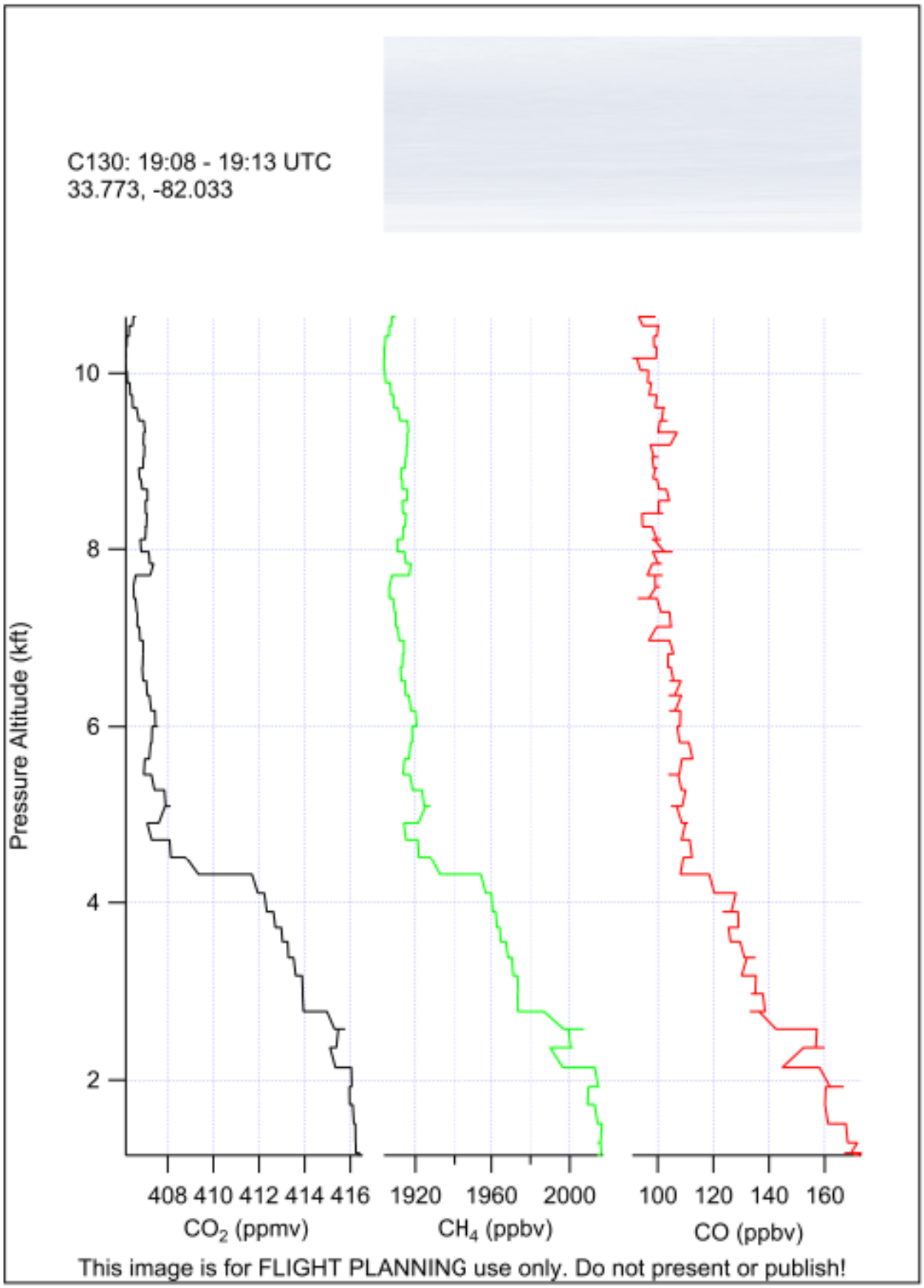

20
30
40
50
60
70
80
O3 (ppb)
37
36
35
34
33
Latitude (°)
-92
-90
-88
-86
-84
-82
-80
-78
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

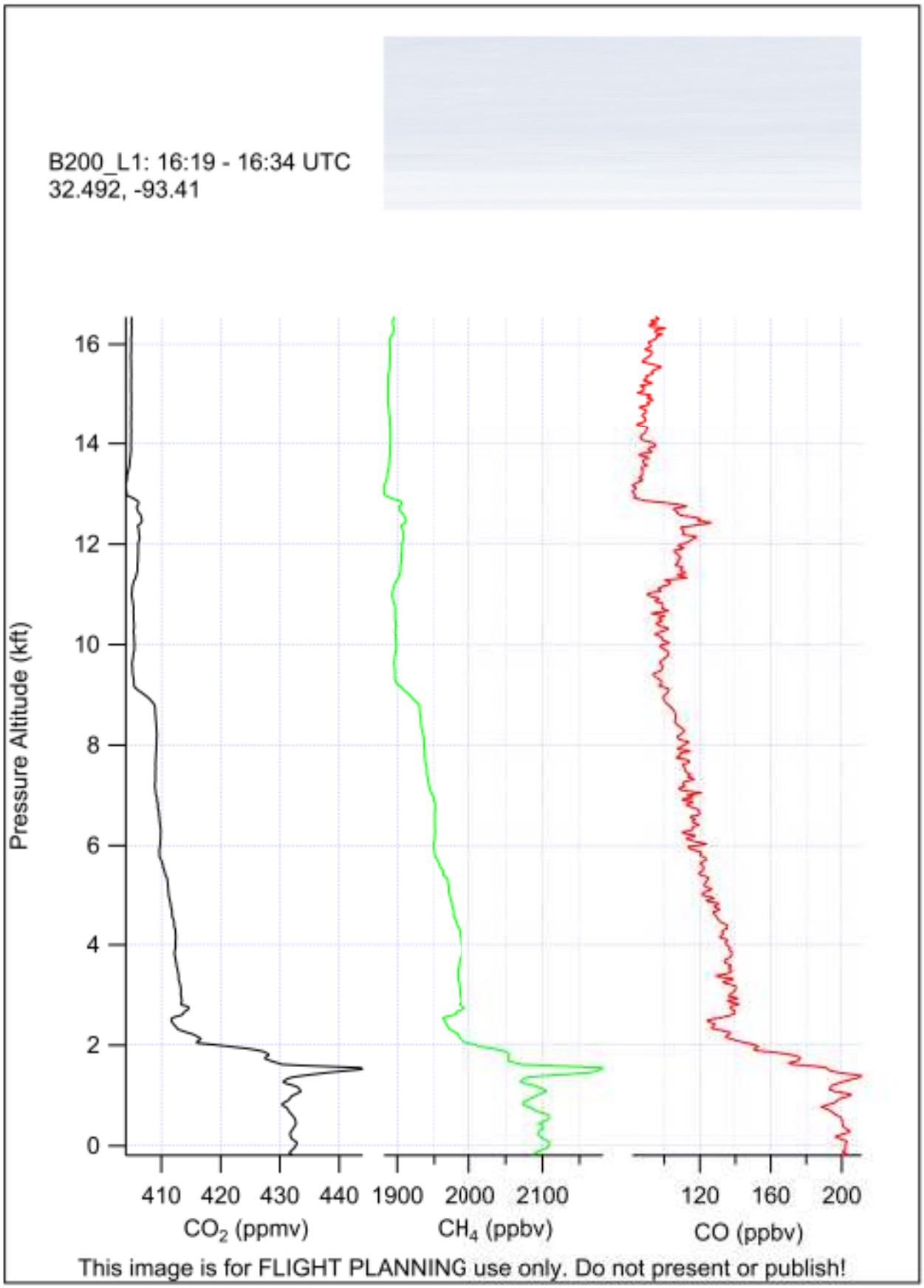

C130: 16:37 - 16:45 UTC
32.4, -93.617
Pressure Altitude (kft)
10
8
6
4
2
0
410 420 430 440
CO2 (ppmv)
1900 1950 2000 2050
CH4 (ppbv)
100 150 200 250
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:52 - 17:58 UTC
32.284, -86.817
Pressure Altitude (kft)
10
8
6
4
2
406 408 410 412 414 416
CO2 (ppmv)
1900
2000
CH4 (ppbv)
100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:17 - 18:23 UTC
33.039, -85.628
Pressure Altitude (kft)
10
8
6
4
2
408 410 412 414 416
CO_2 (ppmv)
1920 1960 2000
CH_4 (ppbv)
100 120 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:02 - 19:08 UTC
33.755, -82.151
Pressure Altitude (kft)
10
8
6
4
2
408 410 412 414 416
CO2 (ppmv)
1920 1960 2000
CH4 (ppbv)
100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:08 - 19:13 UTC
33.773, -82.033
Pressure Altitude (kft)
10
8
6
4
2
408 410 412 414 416
CO2 (ppmv)
1920 1960 2000
CH4 (ppbv)
100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 16:19 - 16:34 UTC
32.492, -93.41
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
410 420 430 440
CO2 (ppmv)
1900 2000 2100
CH4 (ppbv)
120 160 200
CO (ppbv)
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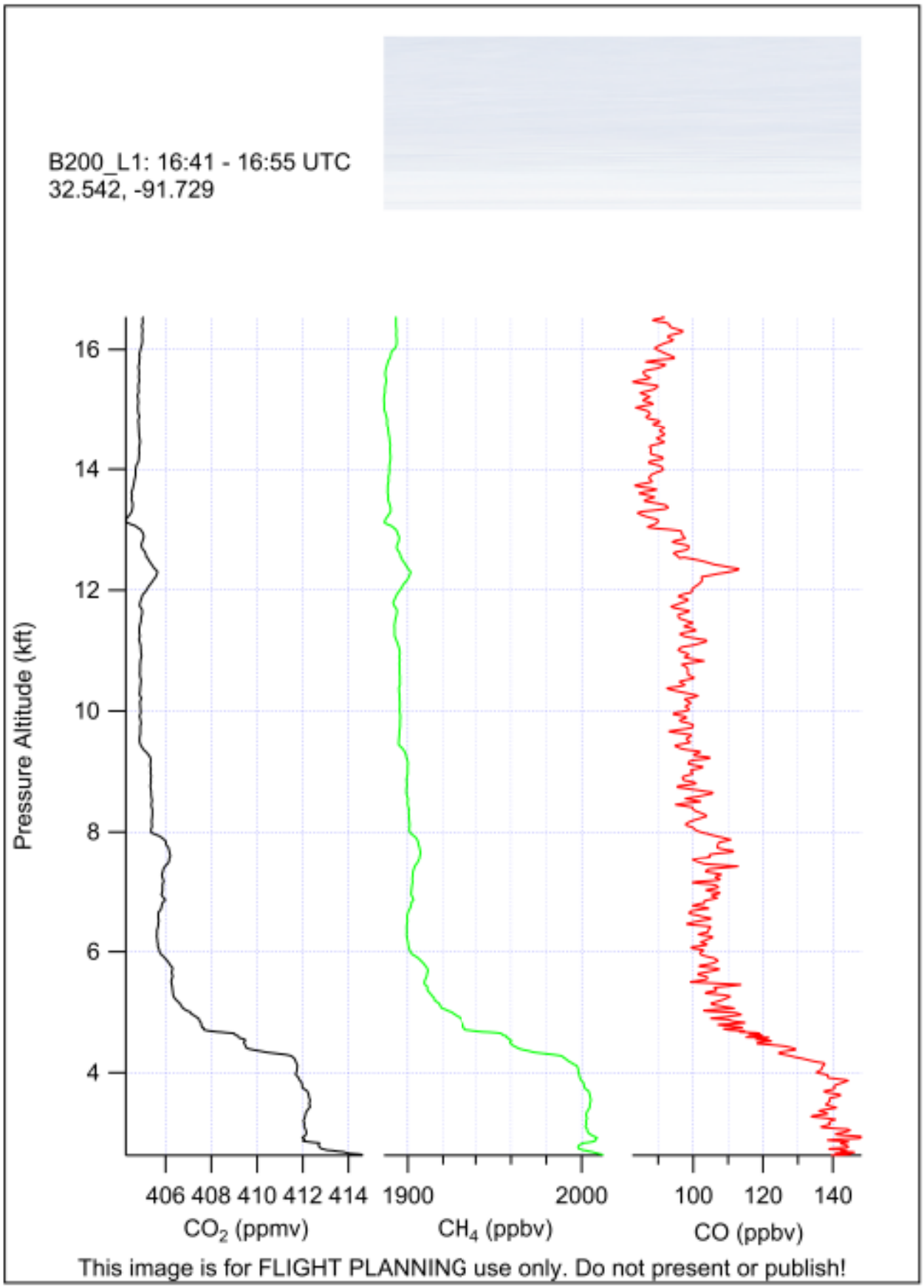
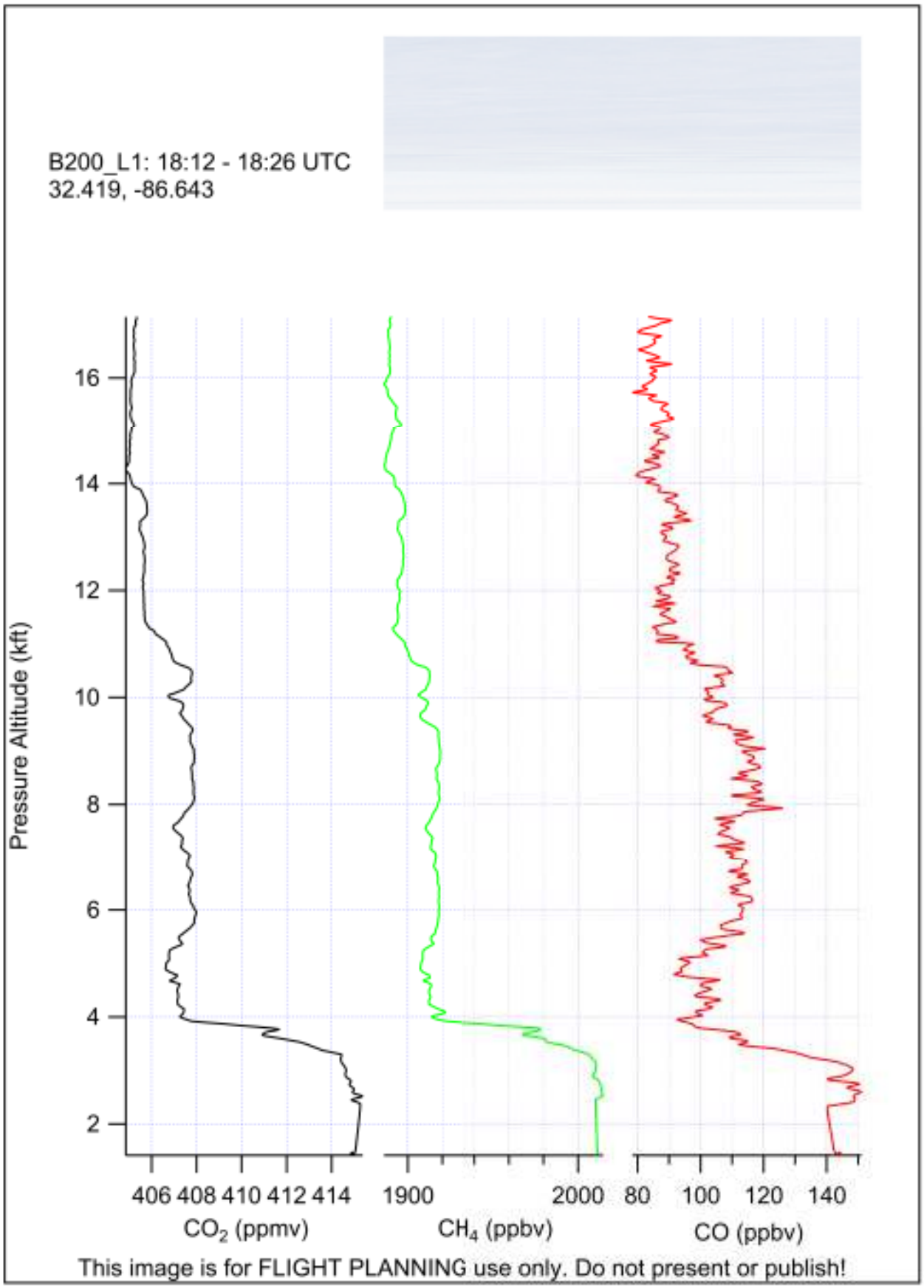

B200_L1: 16:41 - 16:55 UTC
32.542, -91.729
Pressure Altitude (kft)
16
14
12
10
8
6
4
406 408 410 412 414
CO2 (ppmv)
1900
2000
CH4 (ppbv)
100
120
140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 18:12 - 18:26 UTC
32.419, -86.643
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
406 408 410 412 414
CO2 (ppmv)
1900
2000
CH4 (ppbv)
80
100
120
140
CO (ppbv)
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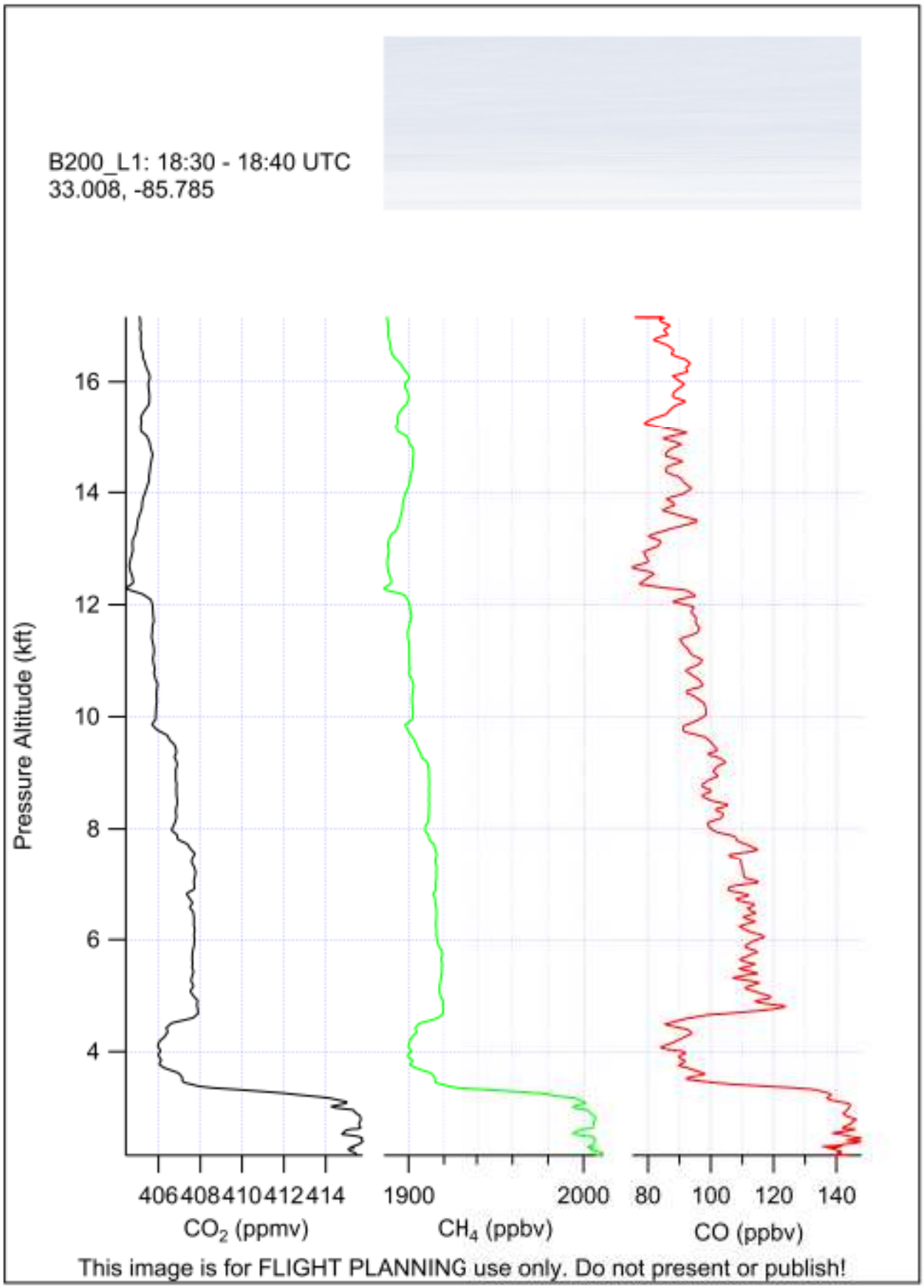
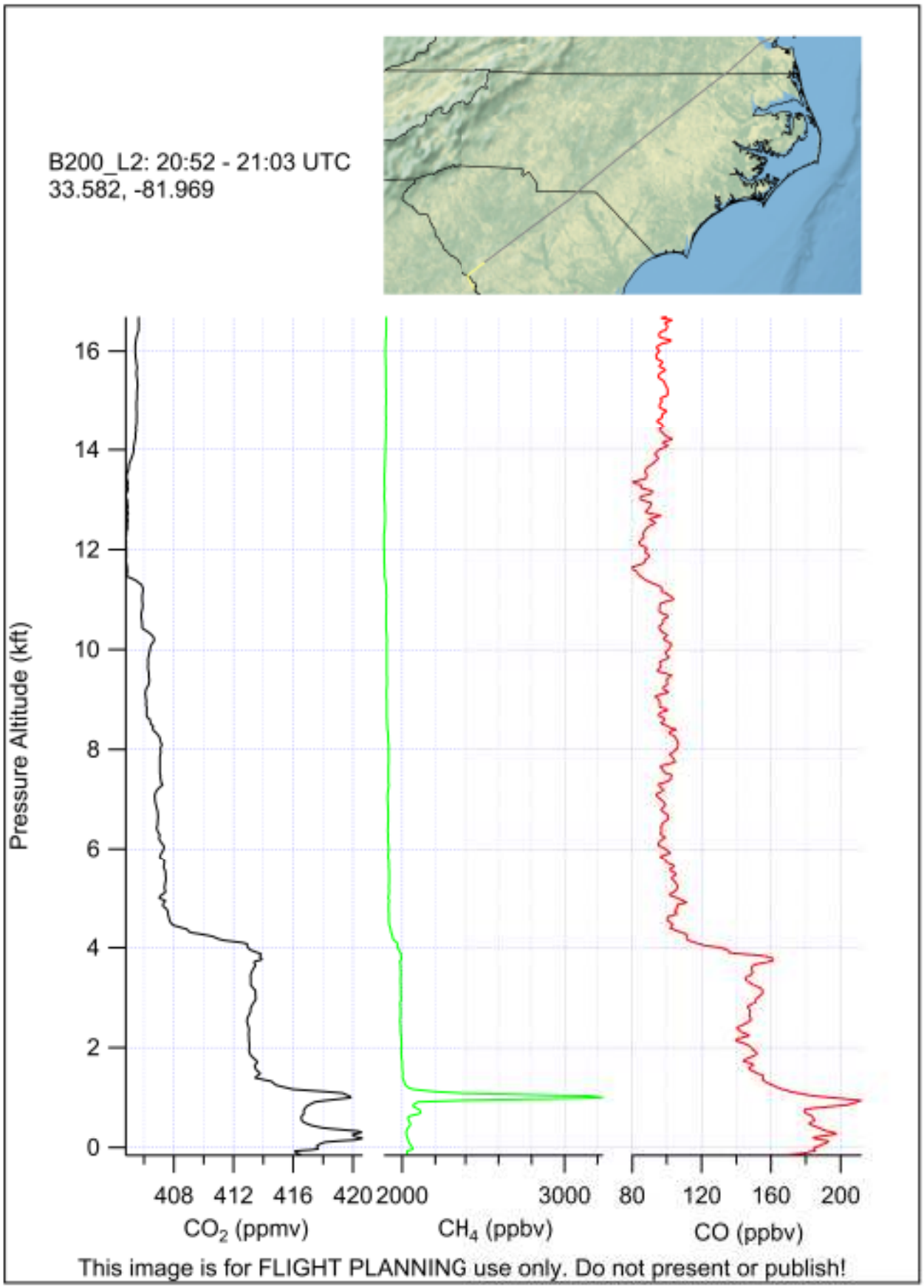
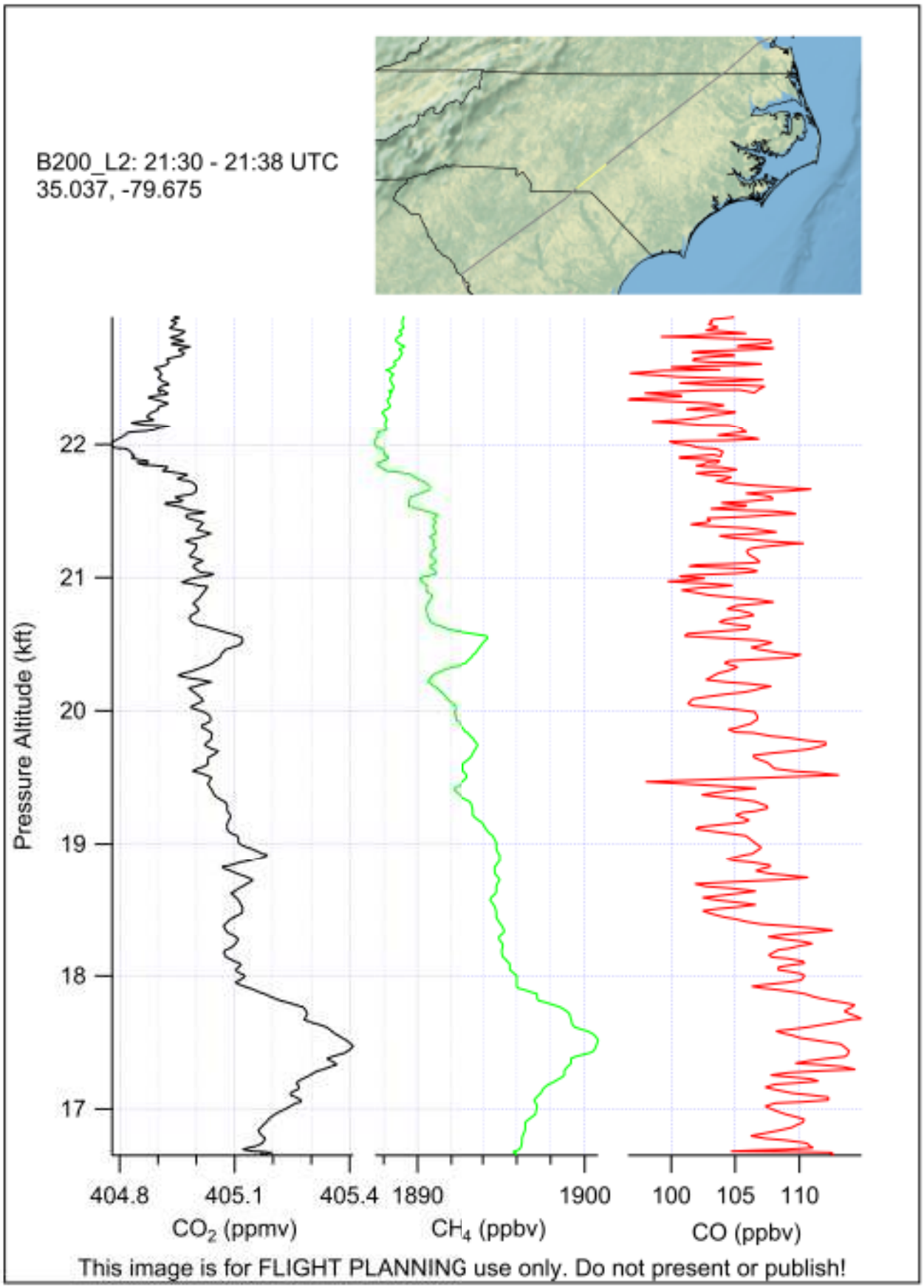
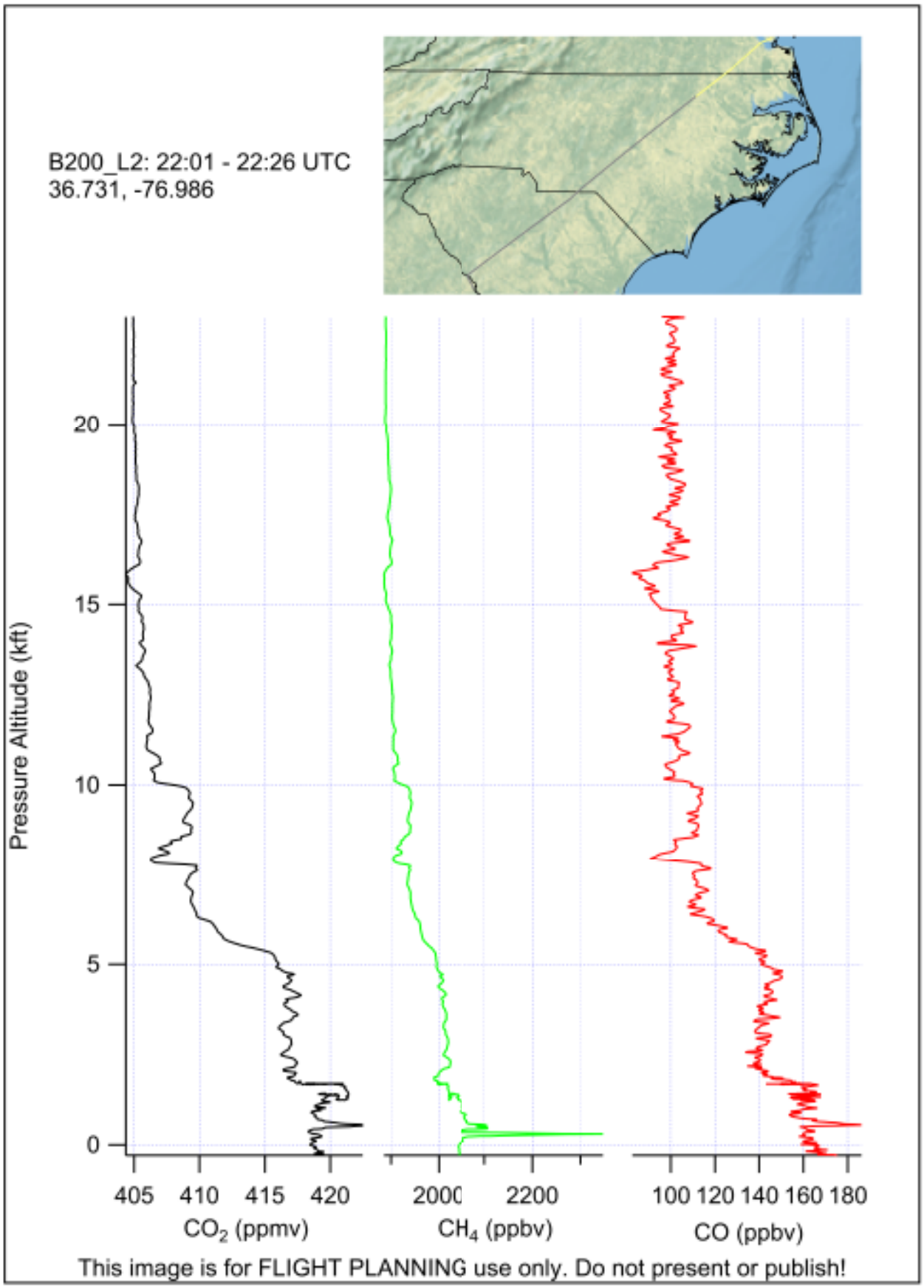
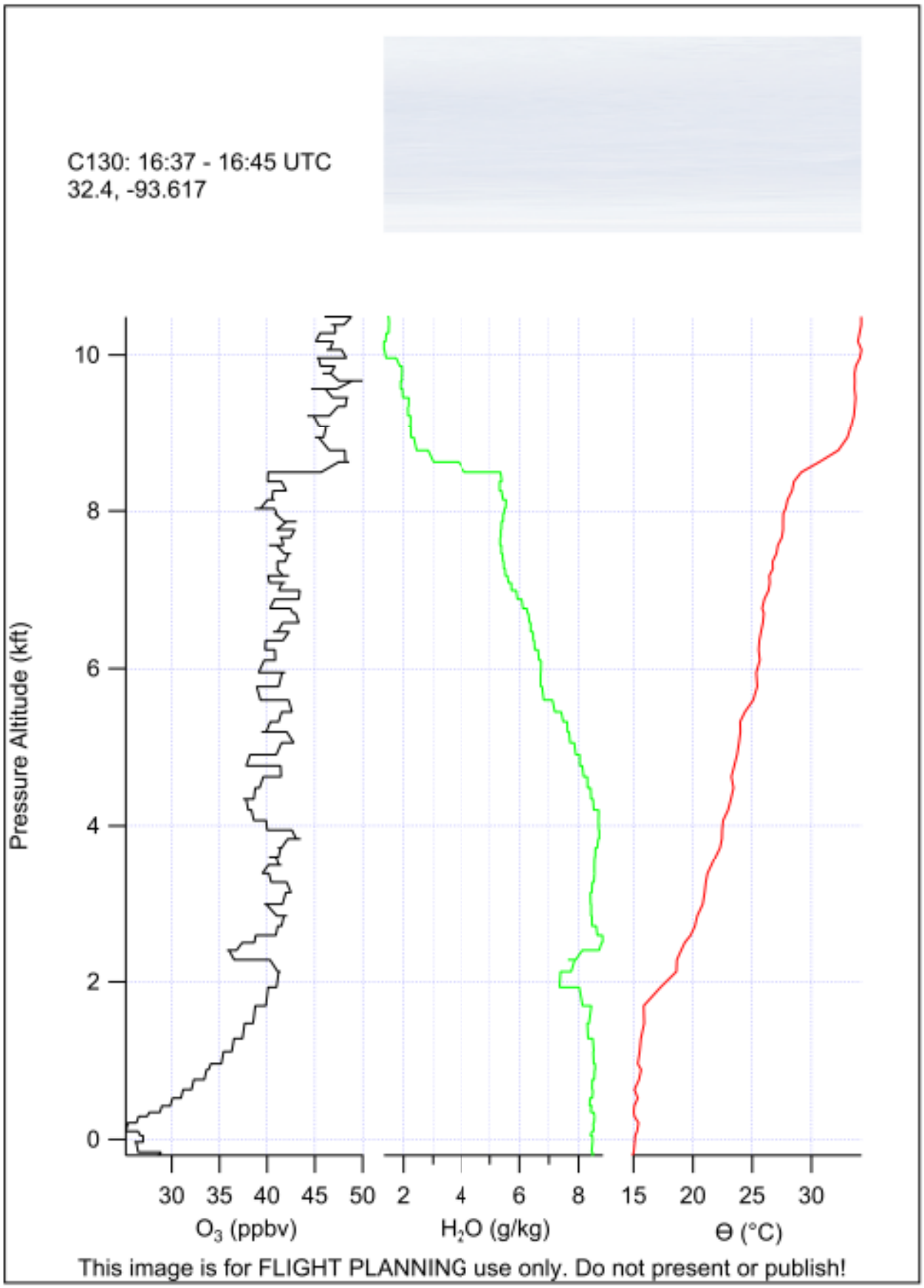
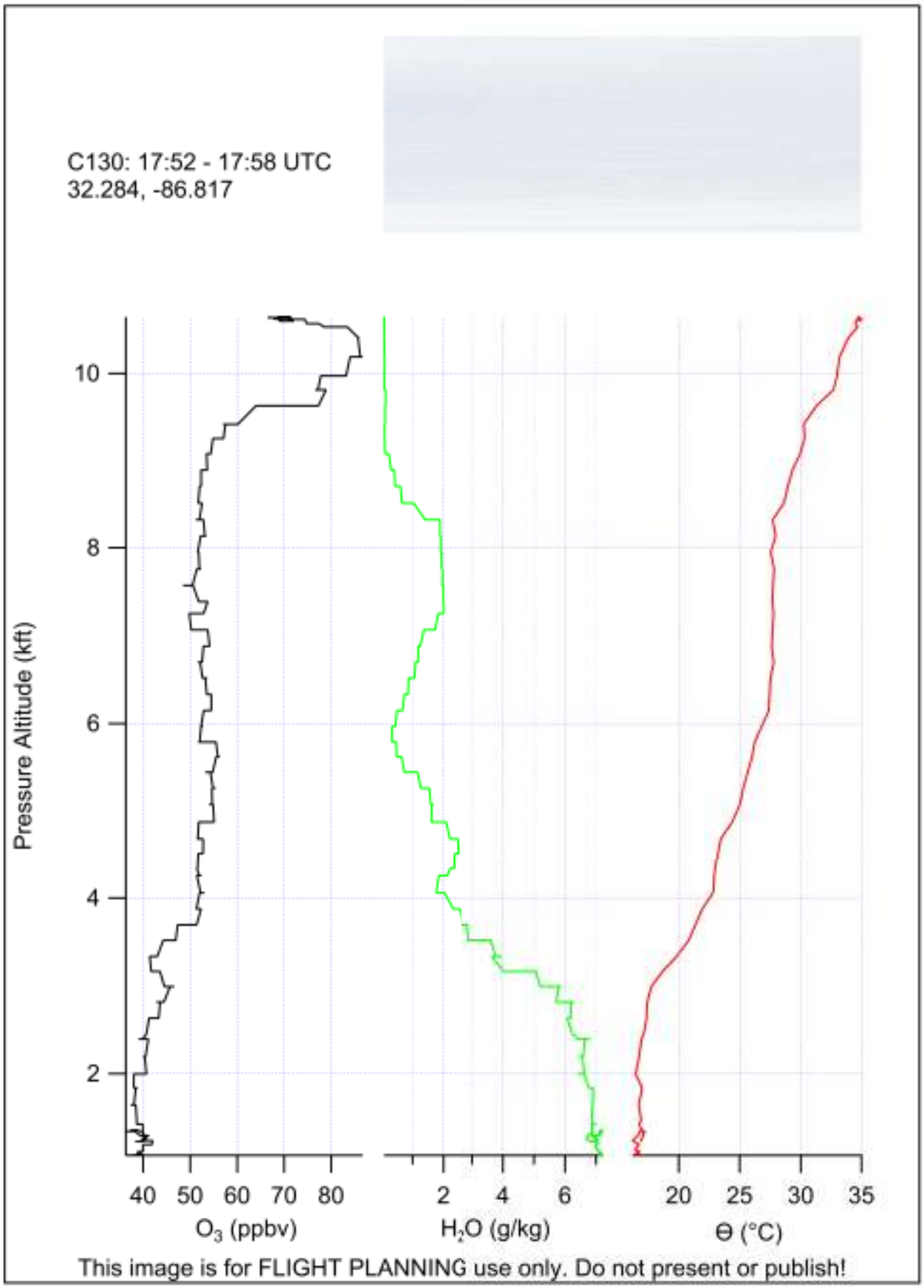

B200_L1: 18:30 - 18:40 UTC
33.008, -85.785
Pressure Altitude (kft)
16
14
12
10
8
6
4
406408410412414
CO2 (ppmv)
1900
2000
CH4 (ppbv)
80
100
120
140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

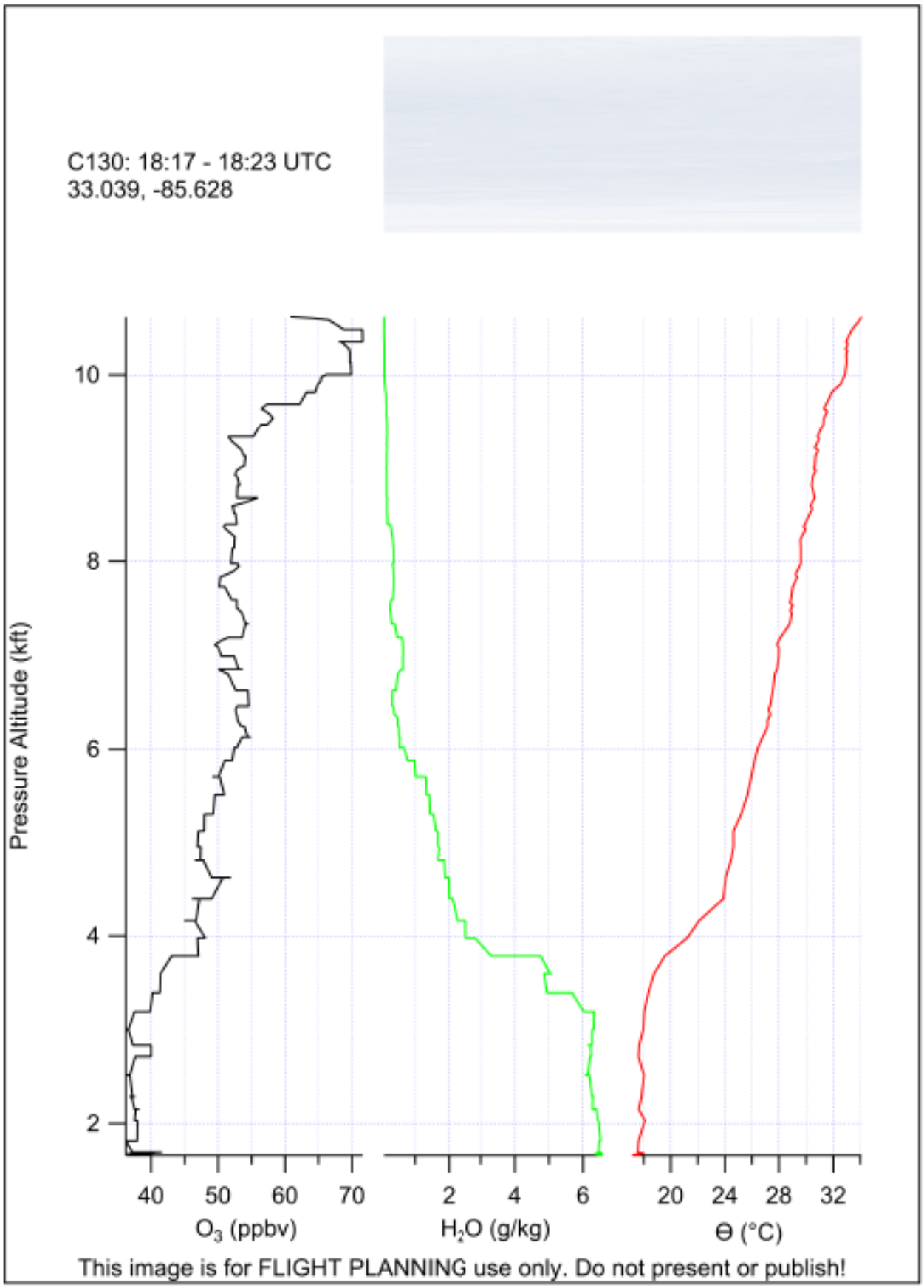

B200_L2: 20:52 - 21:03 UTC
33.582, -81.969
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
408 412 416 420
CO_2 (ppmv)
2000 3000
CH_4 (ppbv)
80 120 160 200
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

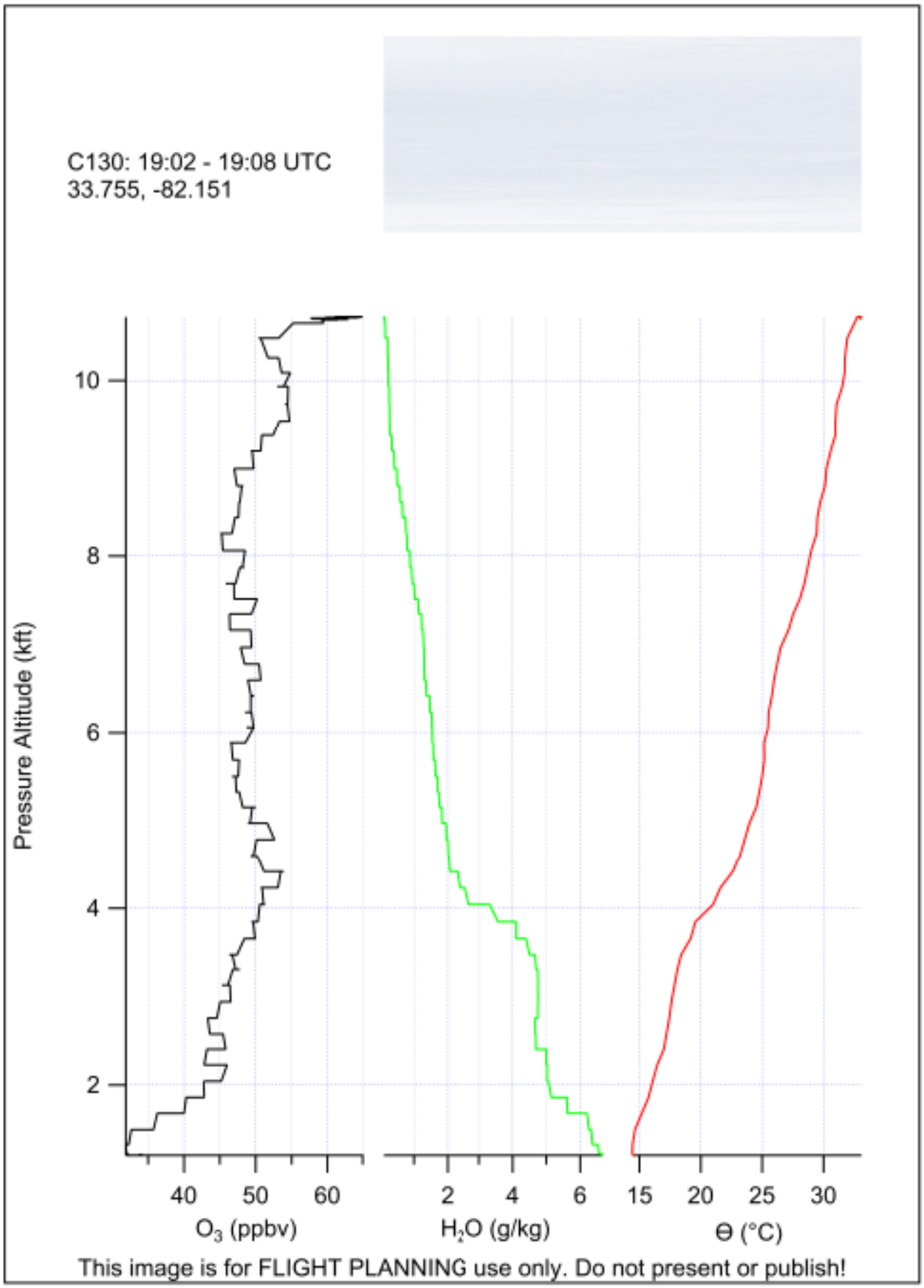

B200_L2: 21:30 - 21:38 UTC
35.037, -79.675
Pressure Altitude (kft)
22
21
20
19
18
17
404.8
405.1
405.4
CO_2 (ppmv)
1890
1900
CH_4 (ppbv)
100
105
110
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 22:01 - 22:26 UTC
36.731, -76.986
Pressure Altitude (kft)
0
5
10
15
20
405 410 415 420
CO_2 (ppmv)
2000 2200
CH_4 (ppbv)
100 120 140 160 180
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:37 - 16:45 UTC
32.4, -93.617
Pressure Altitude (kft)
0
2
4
6
8
10
30 35 40 45 50
O3 (ppbv)
2 4 6 8
H2O (g/kg)
15 20 25 30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:52 - 17:58 UTC
32.284, -86.817
Pressure Altitude (kft)
10
8
6
4
2
40 50 60 70 80
O3 (ppbv)
2 4 6
H2O (g/kg)
20 25 30 35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:17 - 18:23 UTC
33.039, -85.628
Pressure Altitude (kft)
10
8
6
4
2
40
50
60
70
O3 (ppbv)
2
4
6
H2O (g/kg)
20
24
28
32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:02 - 19:08 UTC
33.755, -82.151
Pressure Altitude (kft)
10
8
6
4
2
40
50
60
O_3 (ppbv)
2
4
6
H_2O (g/kg)
15
20
25
30
Θ (°C)
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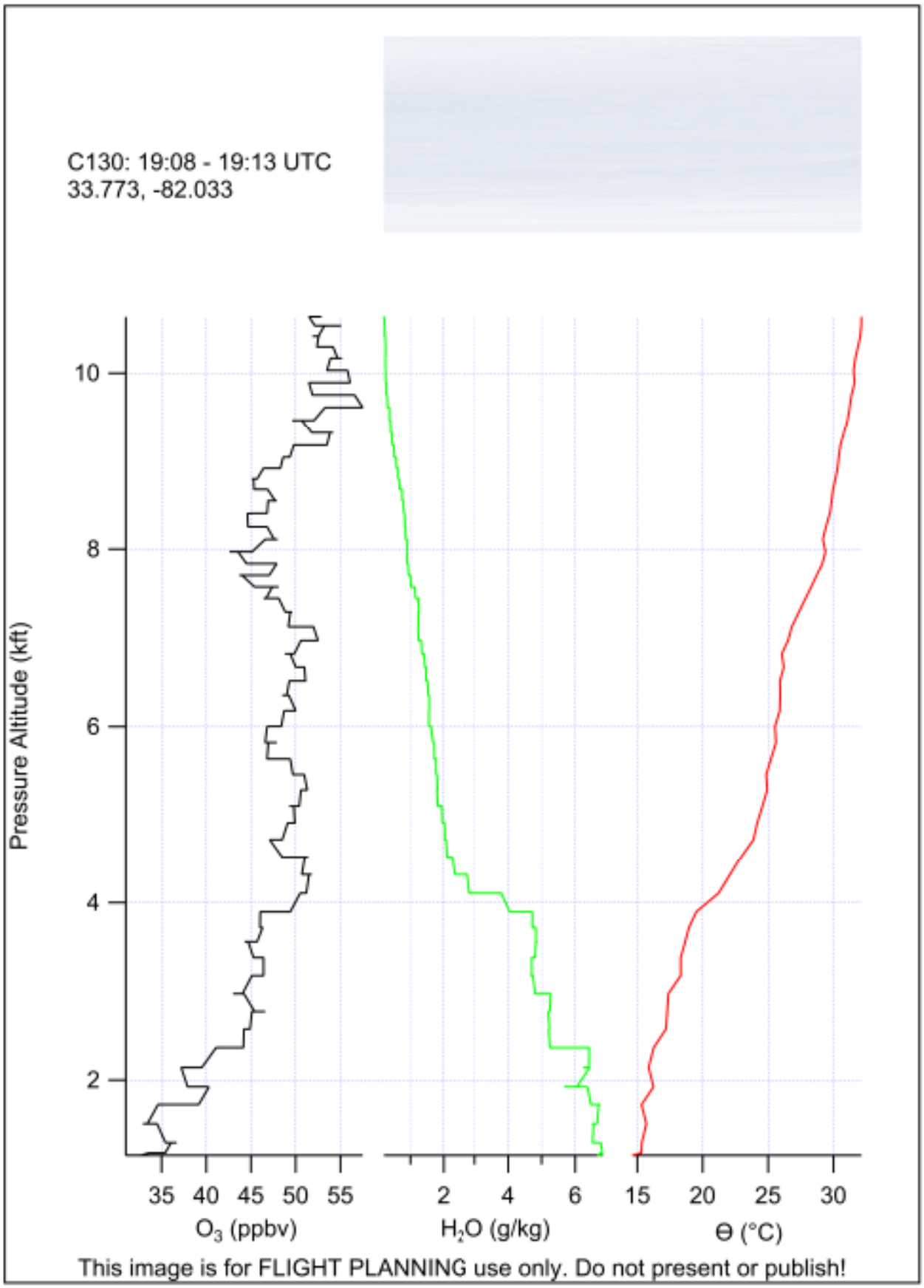
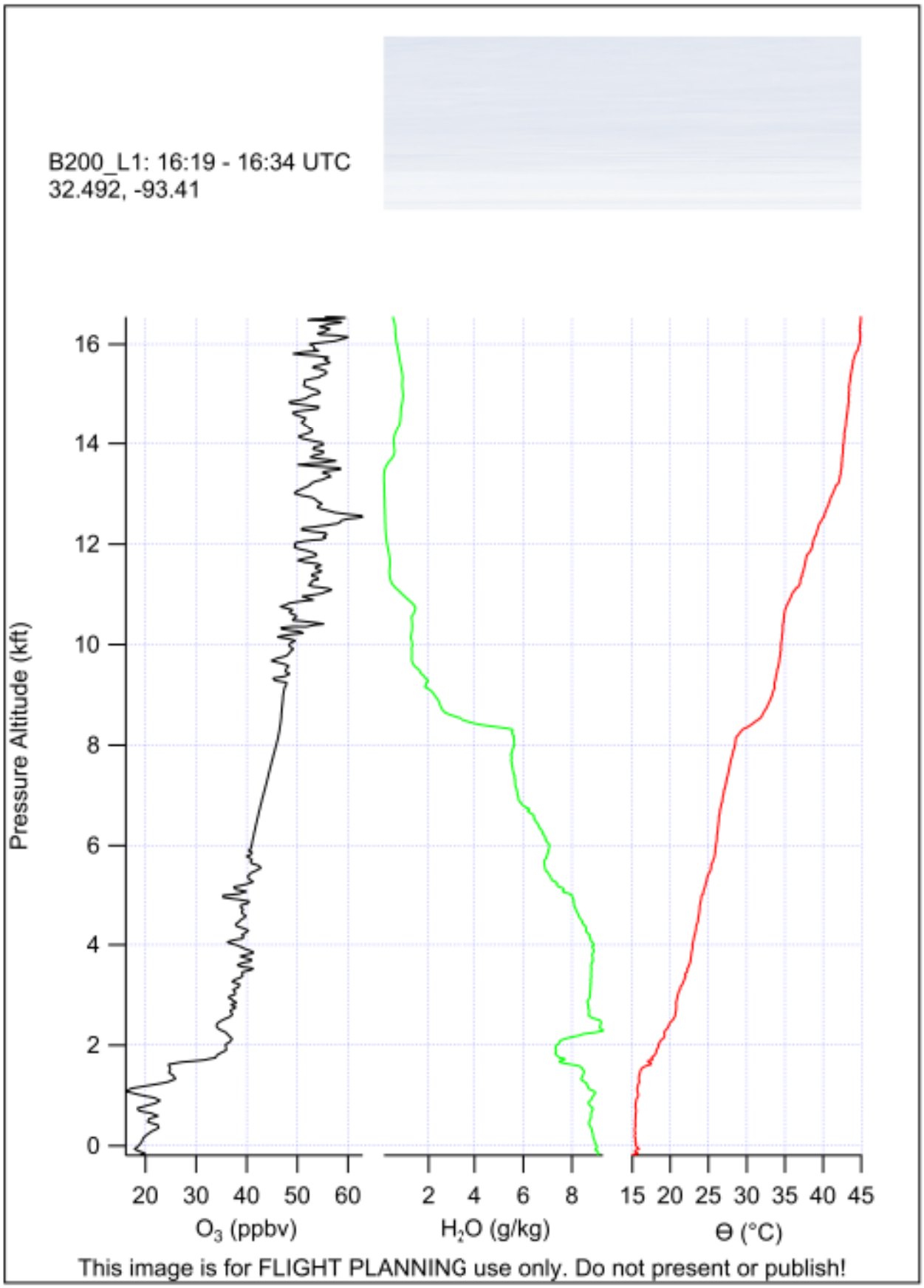

C130: 19:08 - 19:13 UTC
33.773, -82.033
Pressure Altitude (kft)
10
8
6
4
2
35 40 45 50 55
O3 (ppbv)
2 4 6
H2O (g/kg)
15 20 25 30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 16:19 - 16:34 UTC
32.492, -93.41
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
20 30 40 50 60
O3 (ppbv)
2 4 6 8
H2O (g/kg)
15 20 25 30 35 40 45
Θ (°C)
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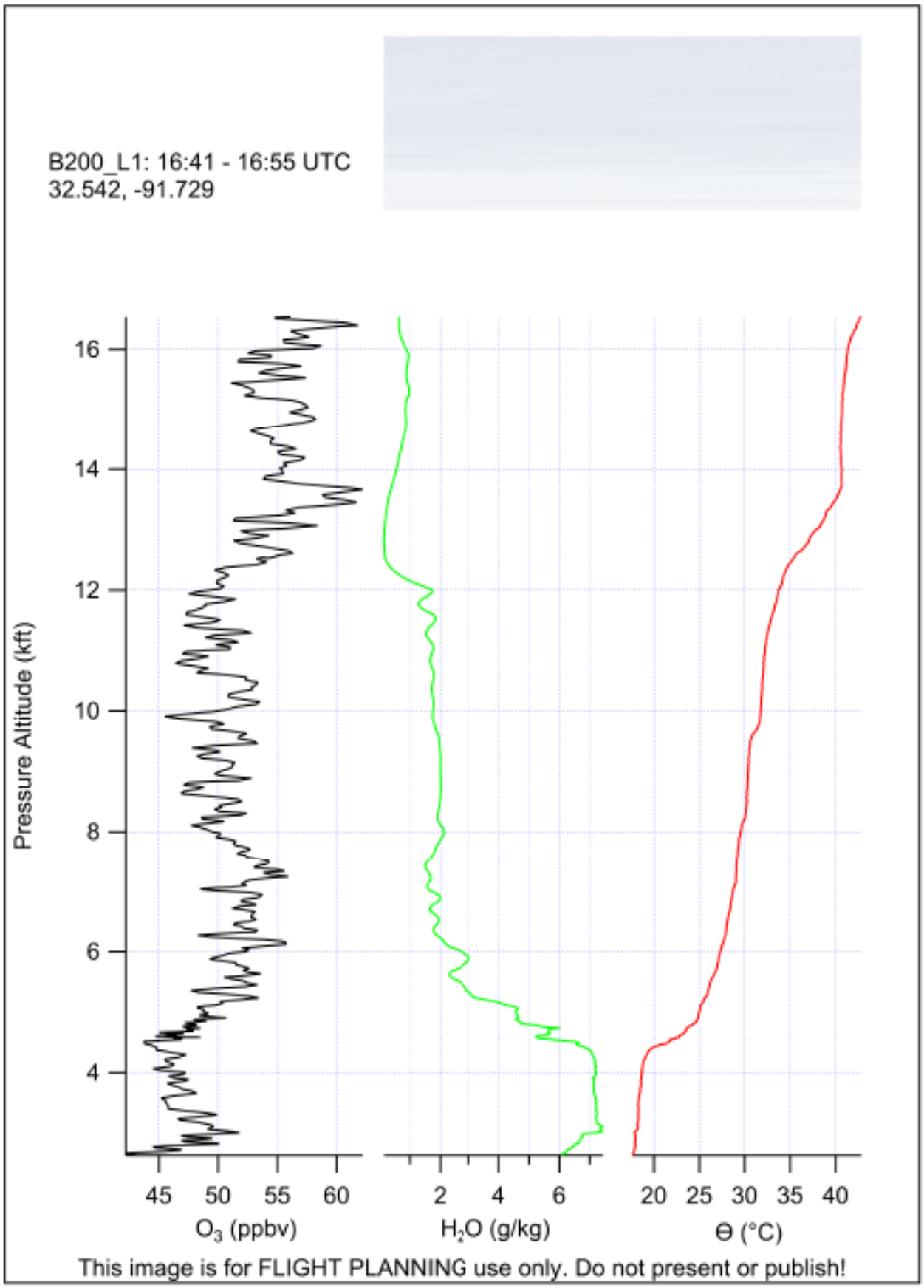
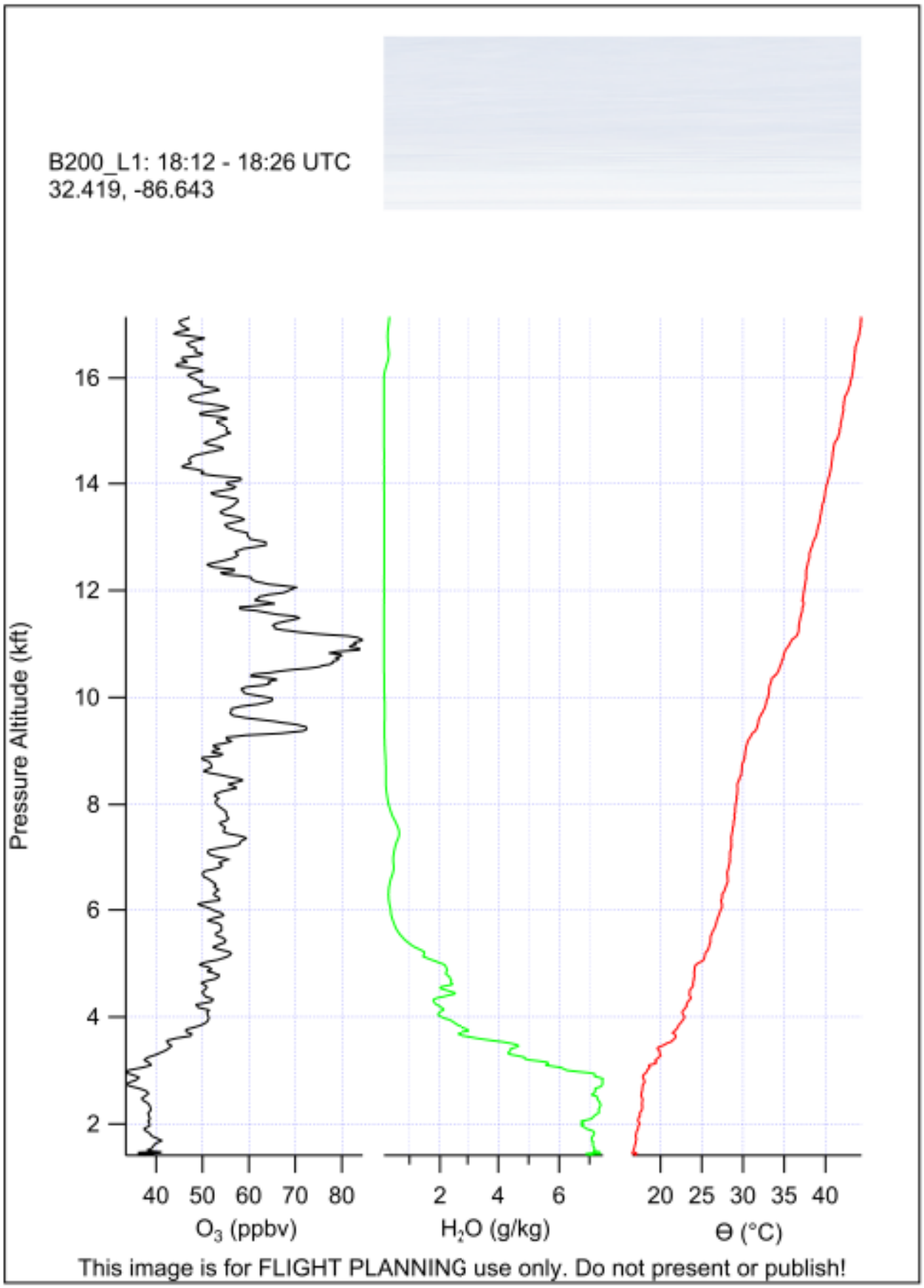

B200_L1: 16:41 - 16:55 UTC
32.542, -91.729
Pressure Altitude (kft)
16
14
12
10
8
6
4
45
50
55
60
O3 (ppbv)
2
4
6
H2O (g/kg)
20
25
30
35
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 18:12 - 18:26 UTC
32.419, -86.643
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
40 50 60 70 80
O3 (ppbv)
2 4 6
H2O (g/kg)
20 25 30 35 40
Θ (°C)
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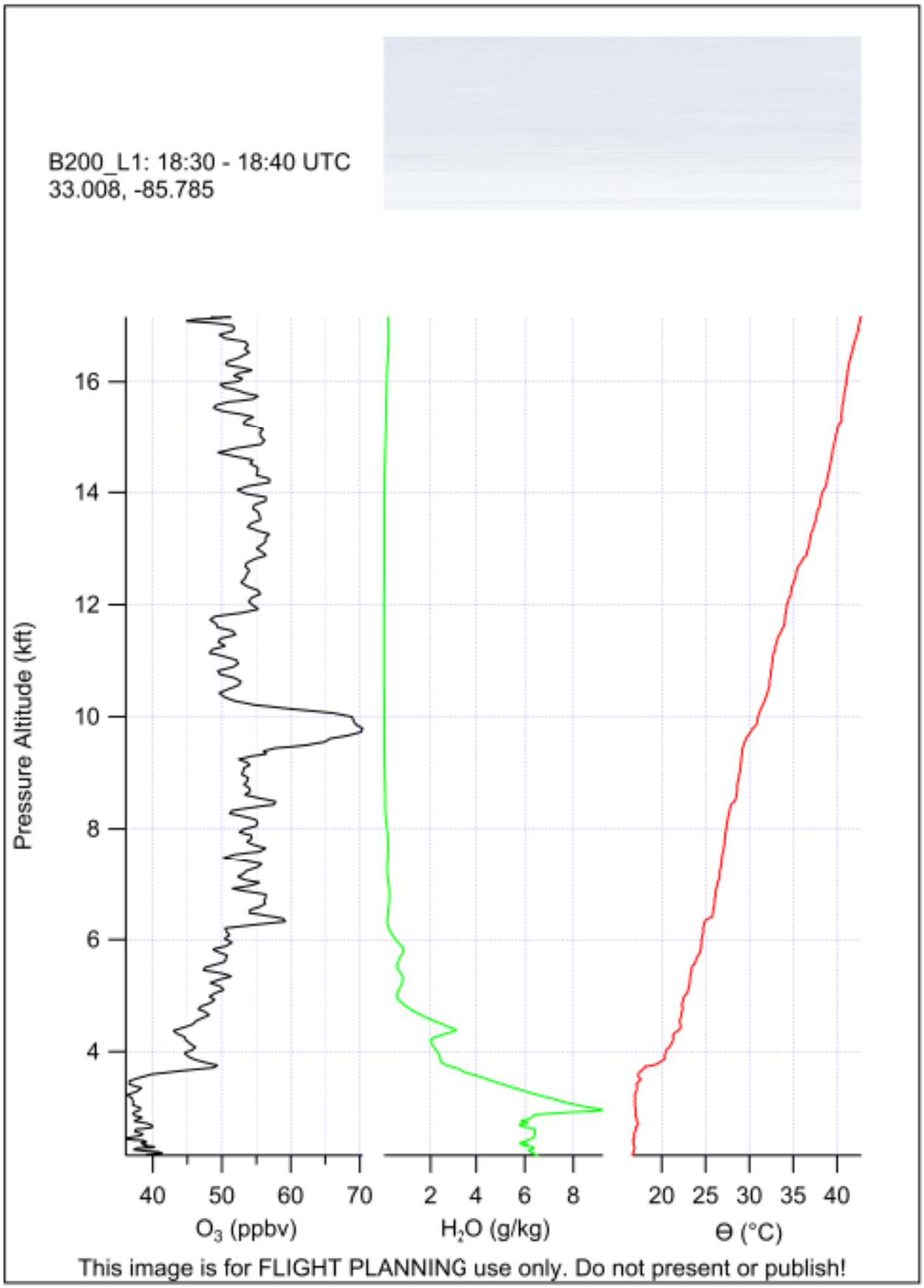
B200_L1: 18:30 - 18:40 UTC
33.008, -85.785
Pressure Altitude (kft)
16
14
12
10
8
6
4
40
50
60
70
O3 (ppbv)
2
4
6
8
H2O (g/kg)
20
25
30
35
40
Θ (°C)
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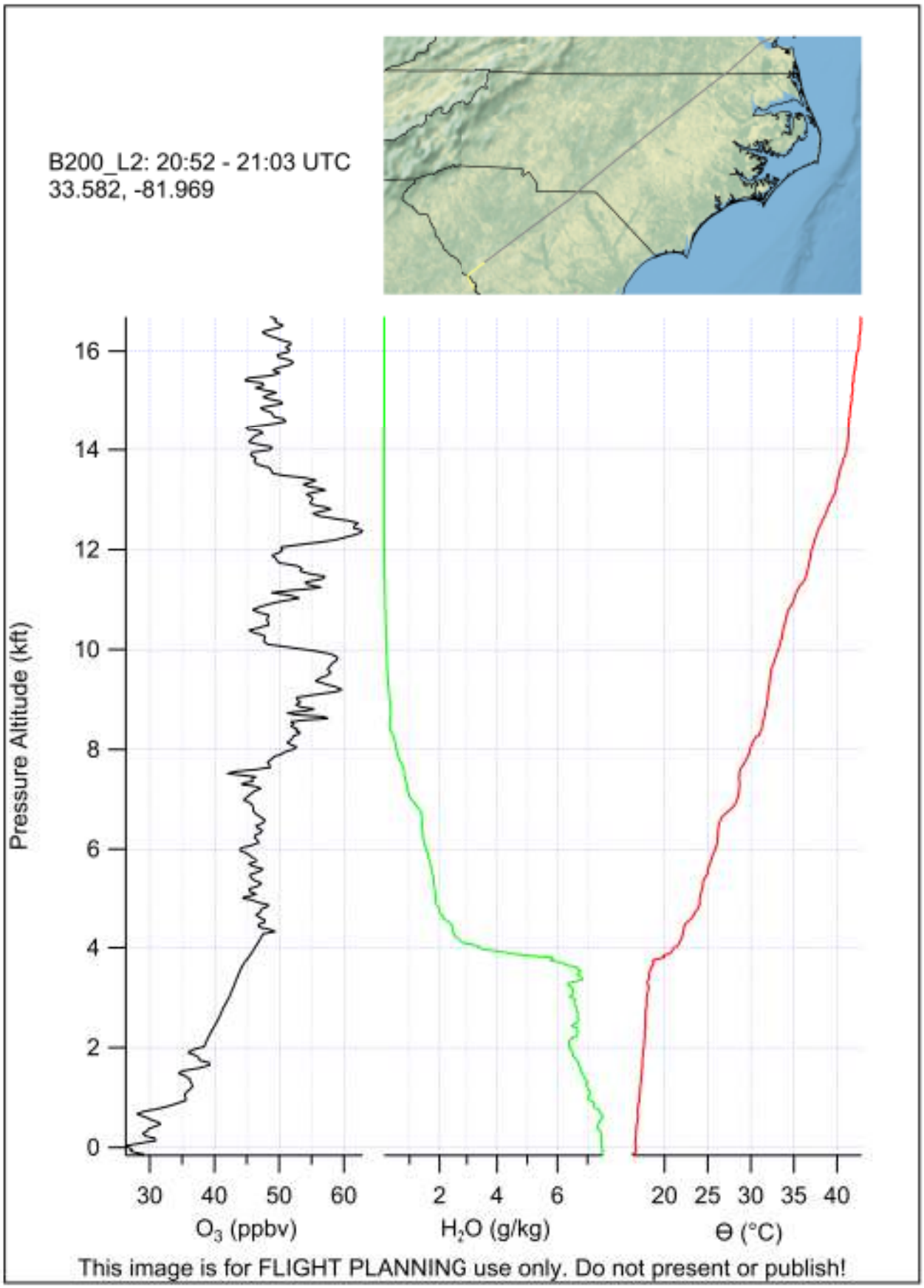
B200_L2: 20:52 - 21:03 UTC
33.582, -81.969
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
30 40 50 60
O3 (ppbv)
2 4 6
H2O (g/kg)
20 25 30 35 40
Θ (°C)
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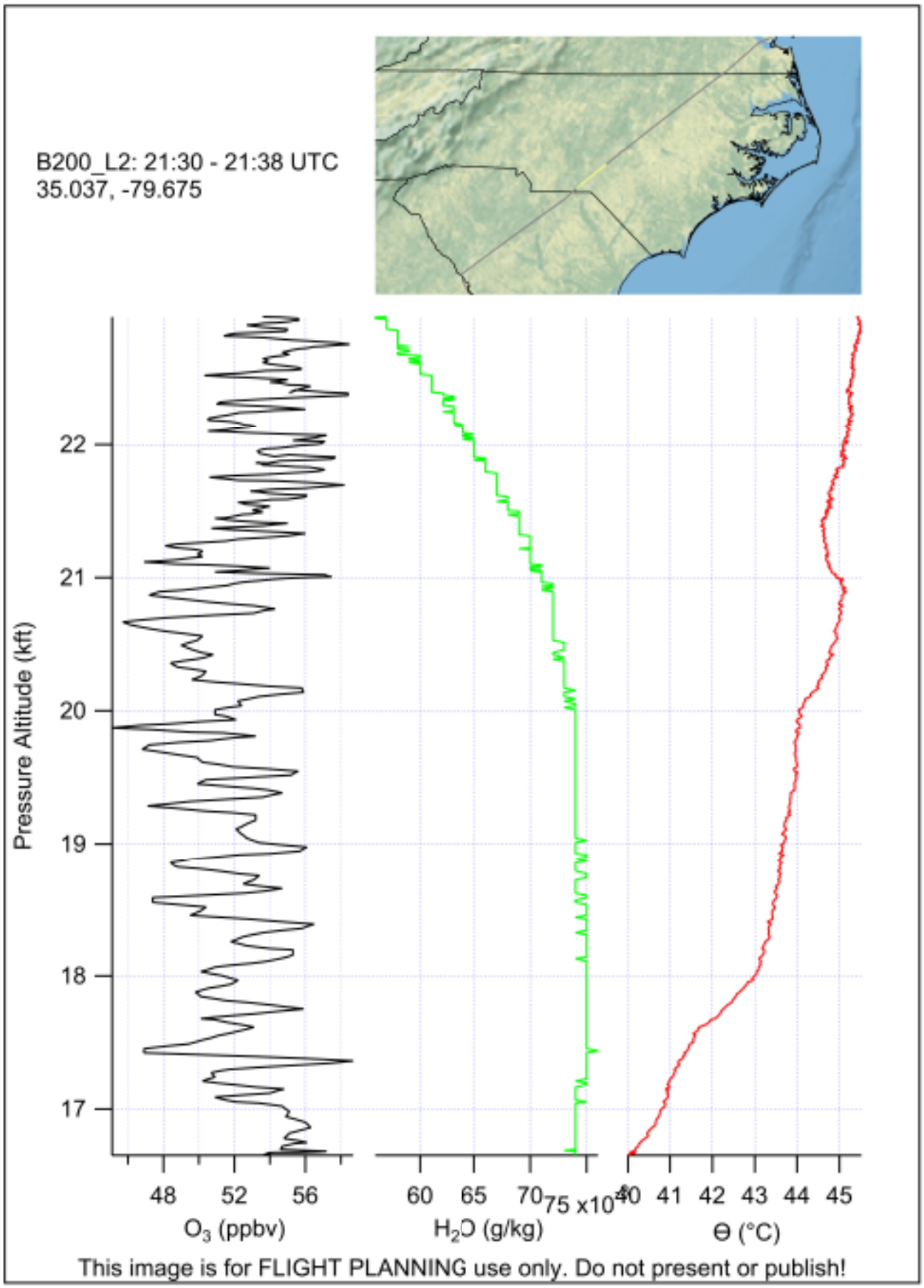
B200_L2: 21:30 - 21:38 UTC
35.037, -79.675
Pressure Altitude (kft)
22
21
20
19
18
17
48
52
56
O3 (ppbv)
60
65
70
75 x10-4
H2O (g/kg)
40
41
42
43
44
45
Θ (°C)
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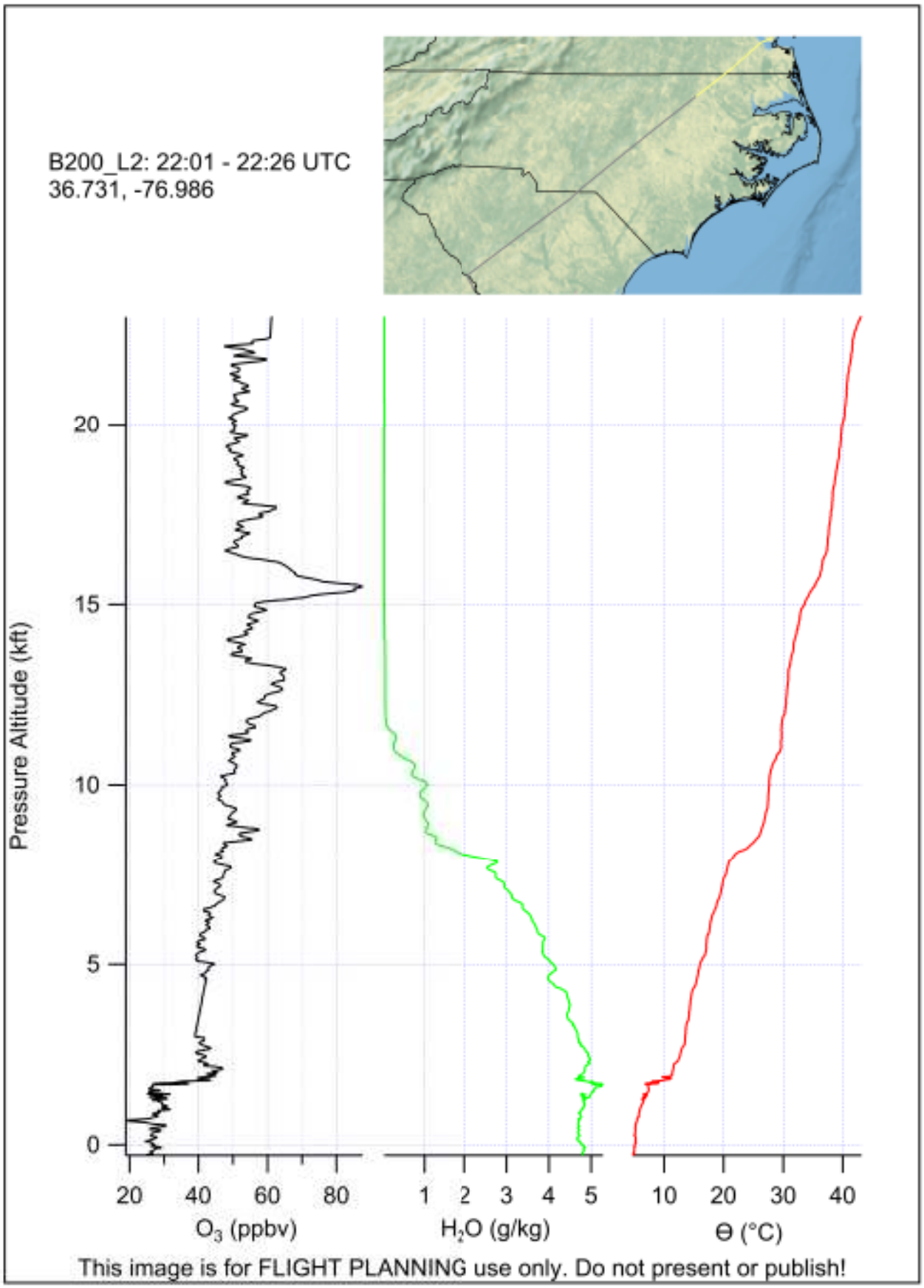
B200_L2: 22:01 - 22:26 UTC
36.731, -76.986
Pressure Altitude (kft)
0
5
10
15
20
20
40
60
80
O3 (ppbv)
1
2
3
4
5
H2O (g/kg)
10
20
30
40
Θ (°C)
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