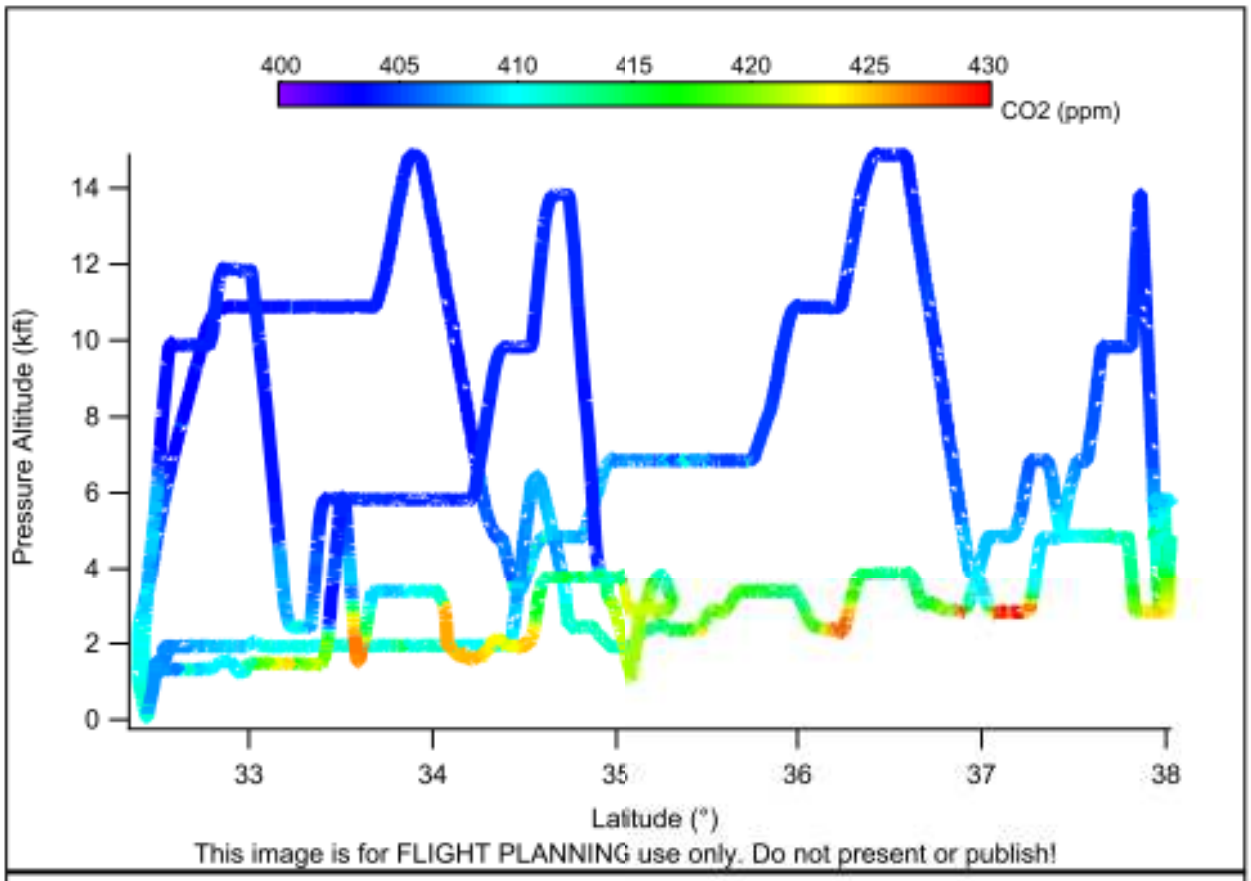
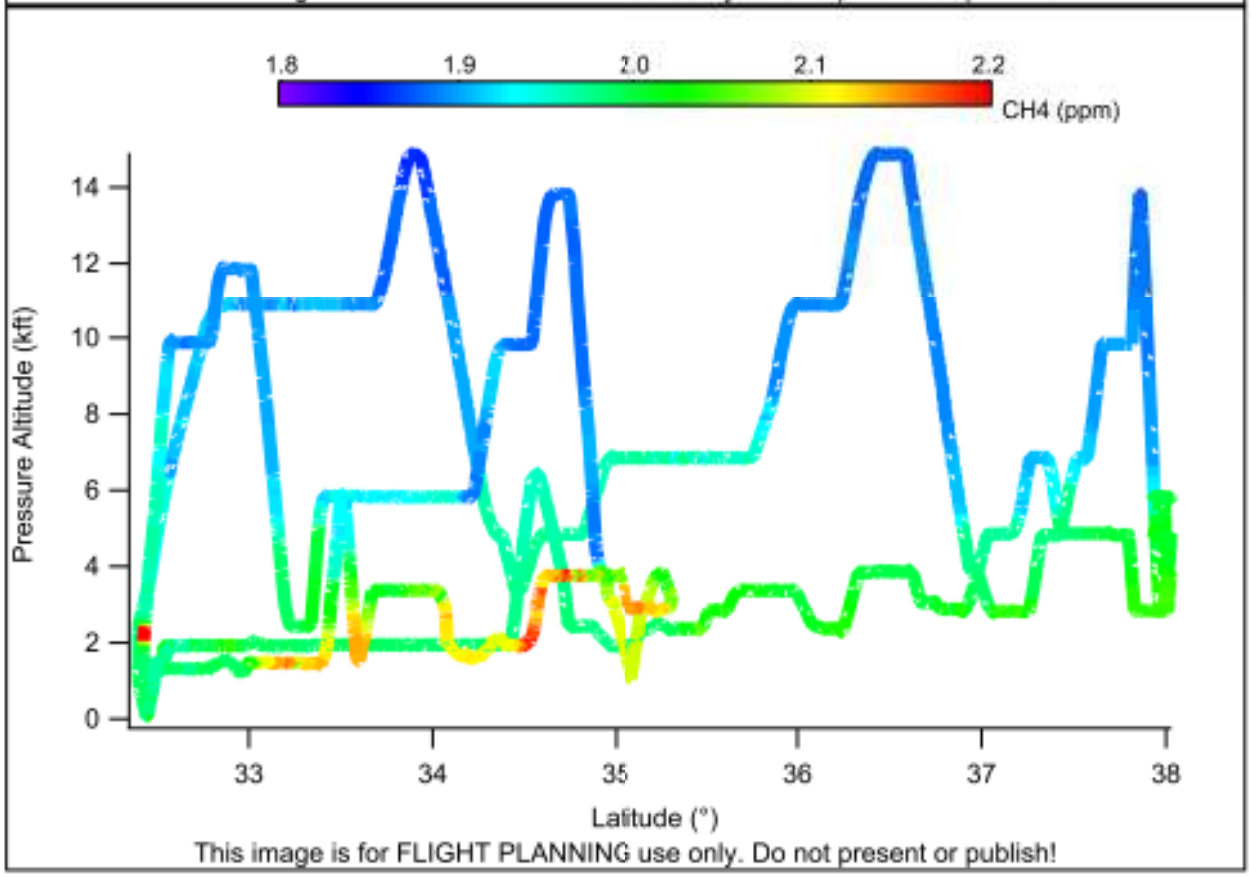
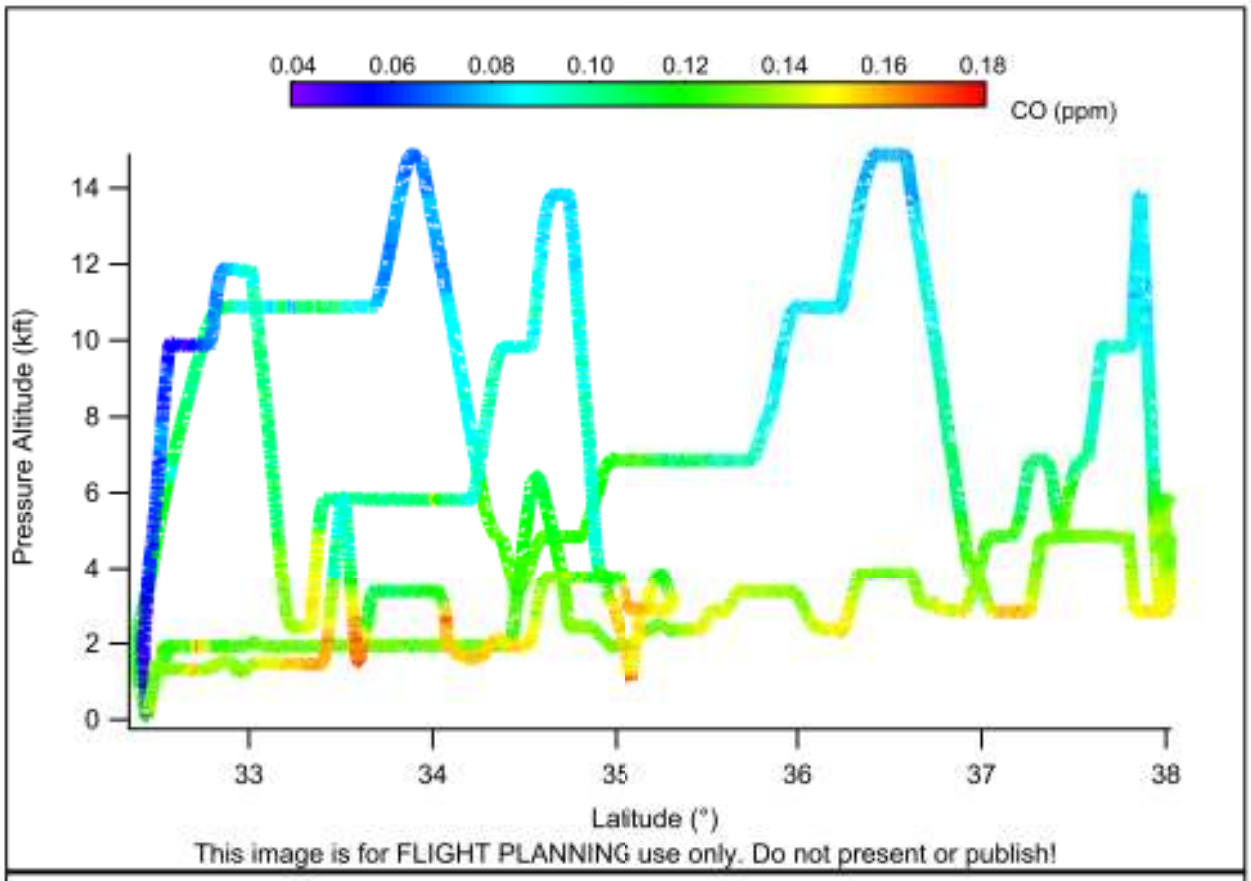
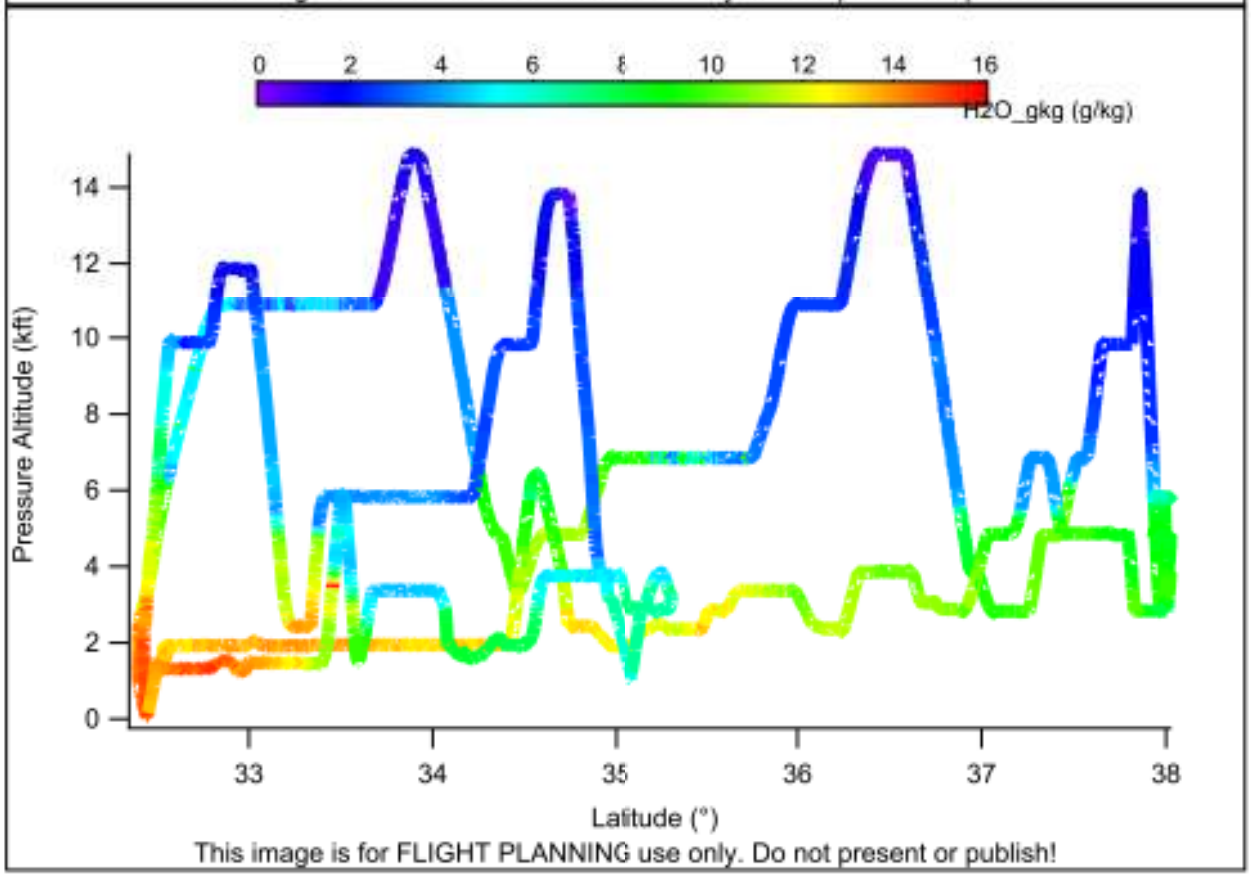
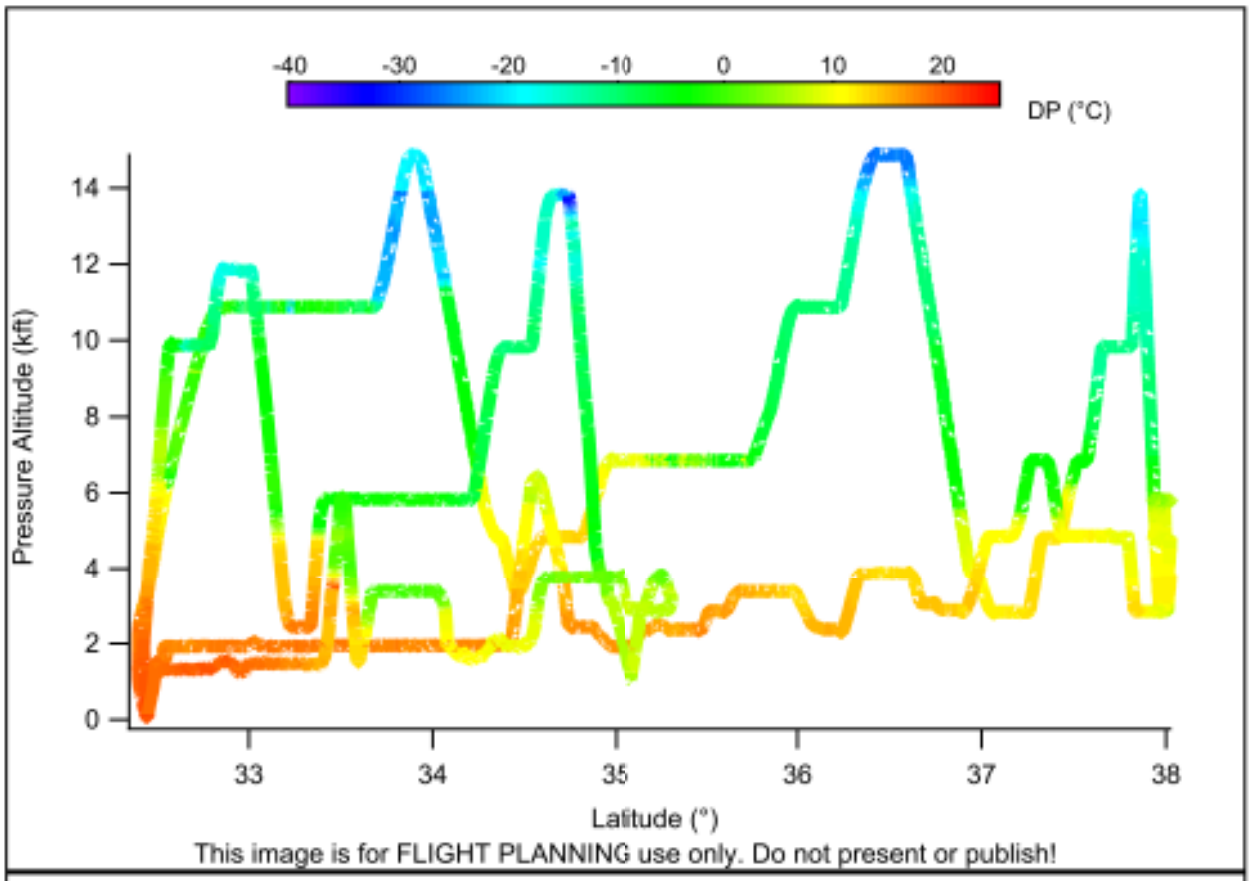
ACT-America
20171103

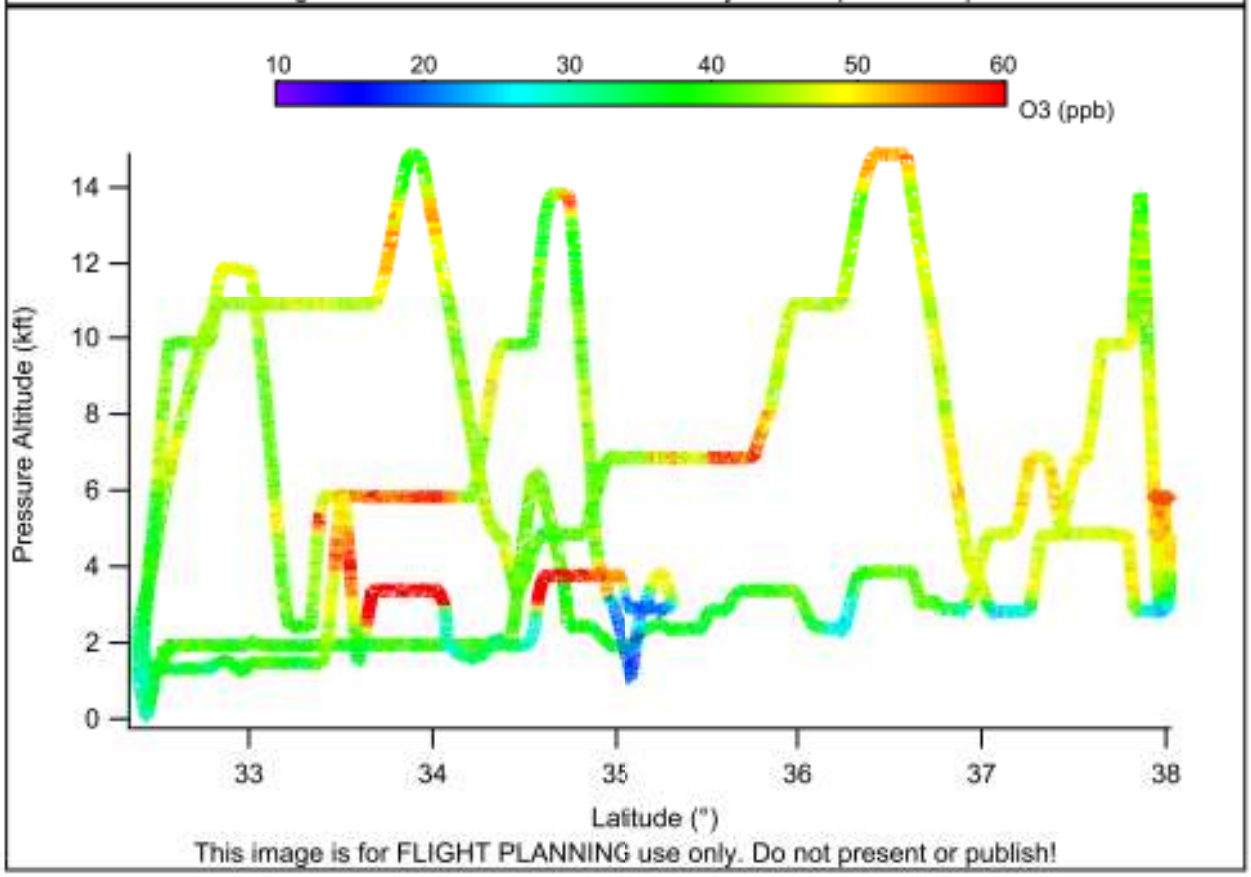

400
405
410
415
420
425
430
CO2 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
33
34
35
36
37
38
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

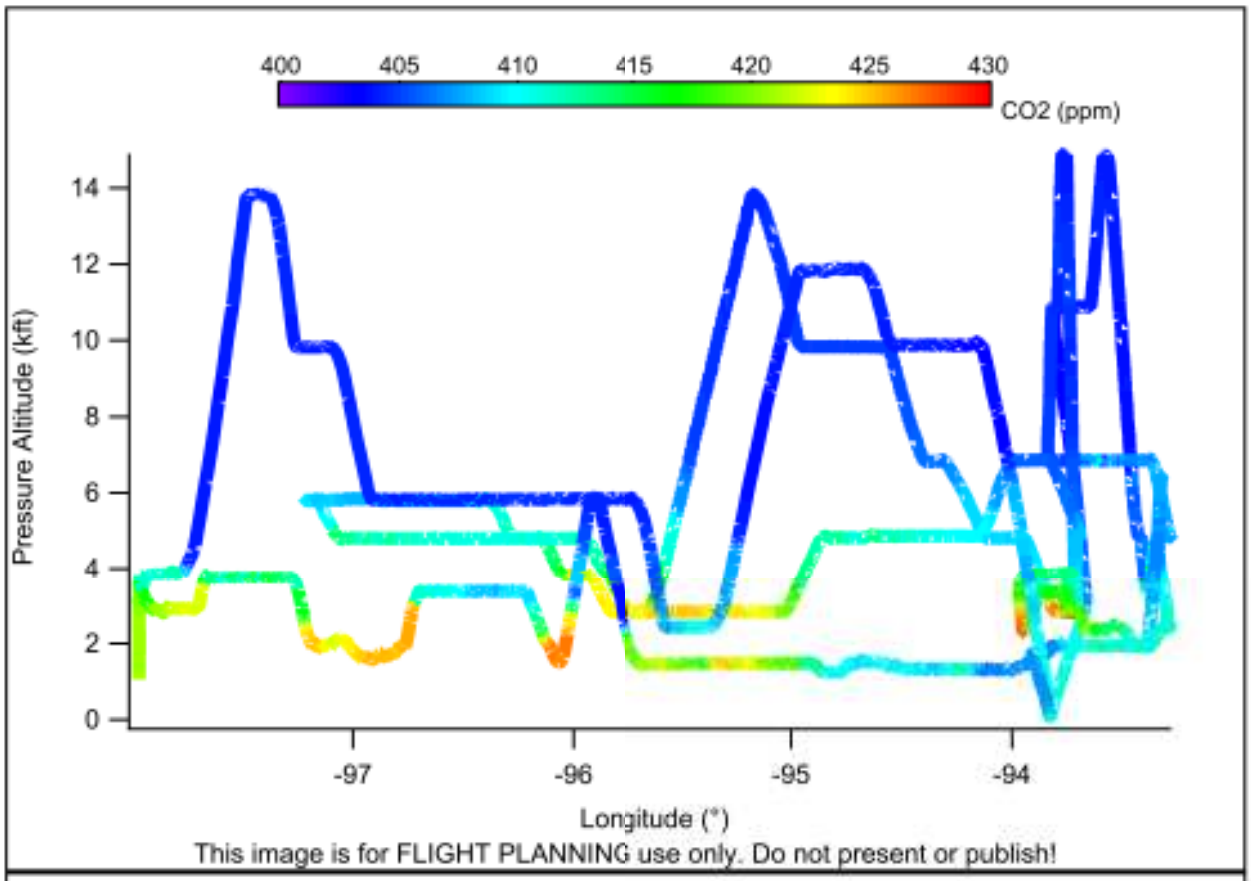

1.8
1.9
2.0
2.1
2.2
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
33
34
35
36
37
38
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

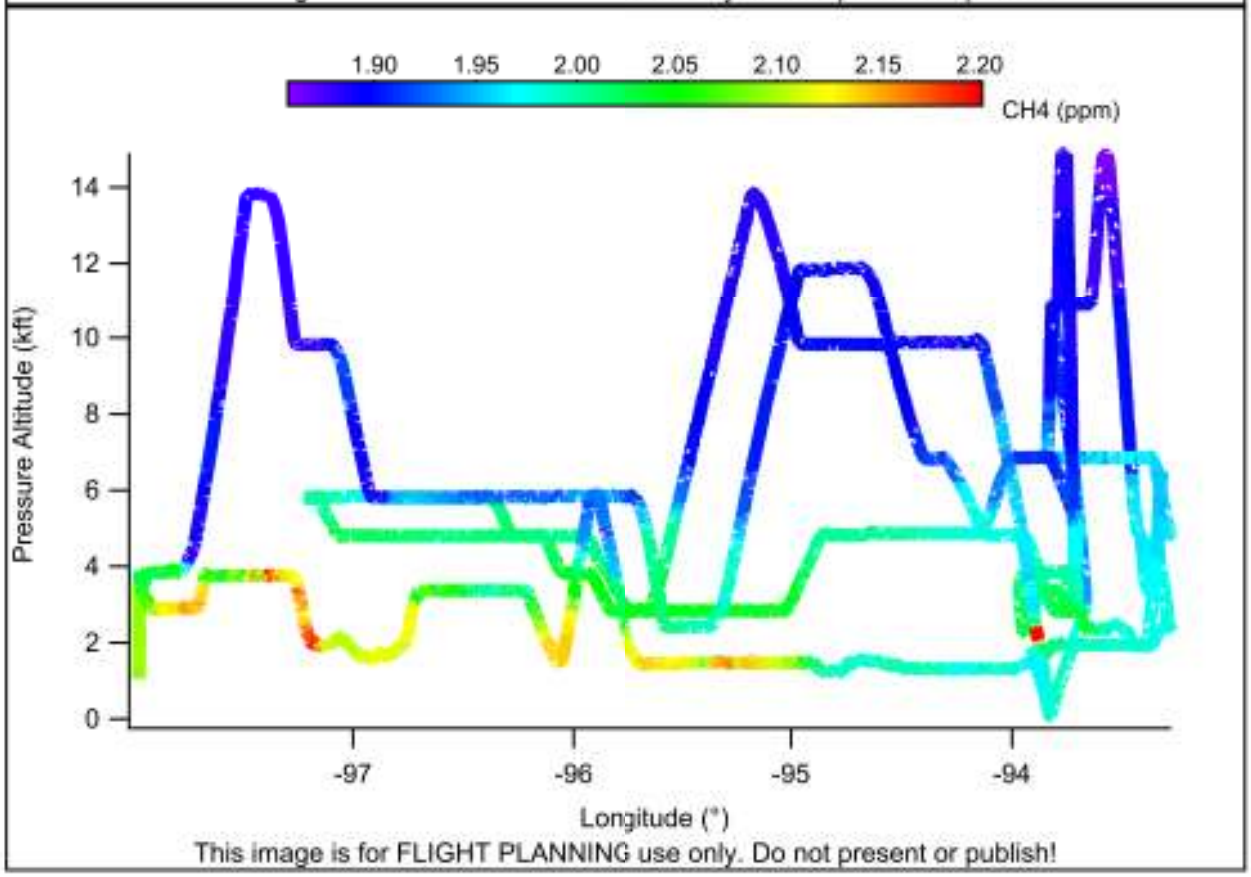

0.04 0.06 0.08 0.10 0.12 0.14 0.16 0.18
CO (ppm)
Pressure Altitude (kft)
0 2 4 6 8 10 12 14
33 34 35 36 37 38
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

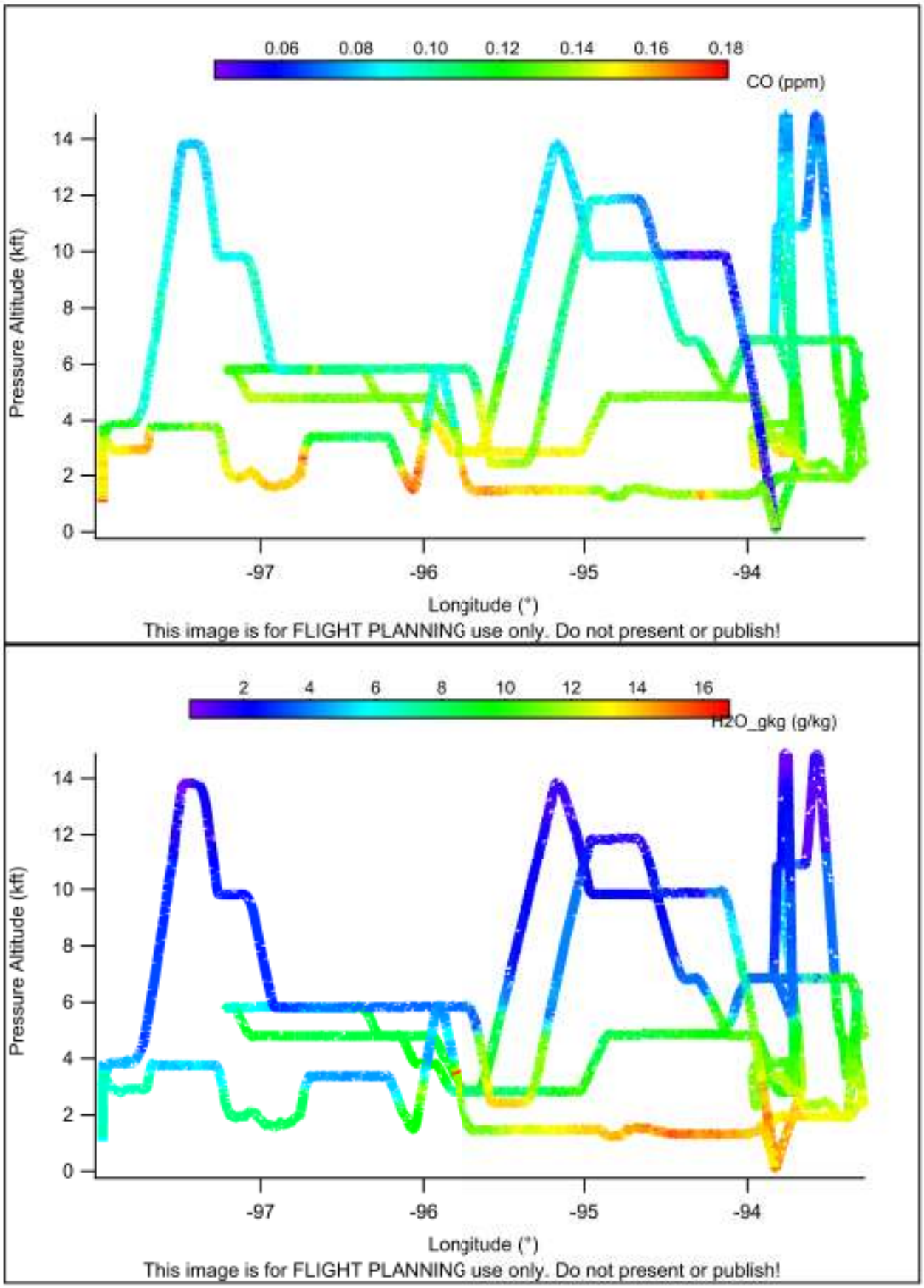

0 2 4 6 8 10 12 14 16
H2O_gkg (g/kg)
Pressure Altitude (kft)
0 2 4 6 8 10 12 14
33 34 35 36 37 38
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

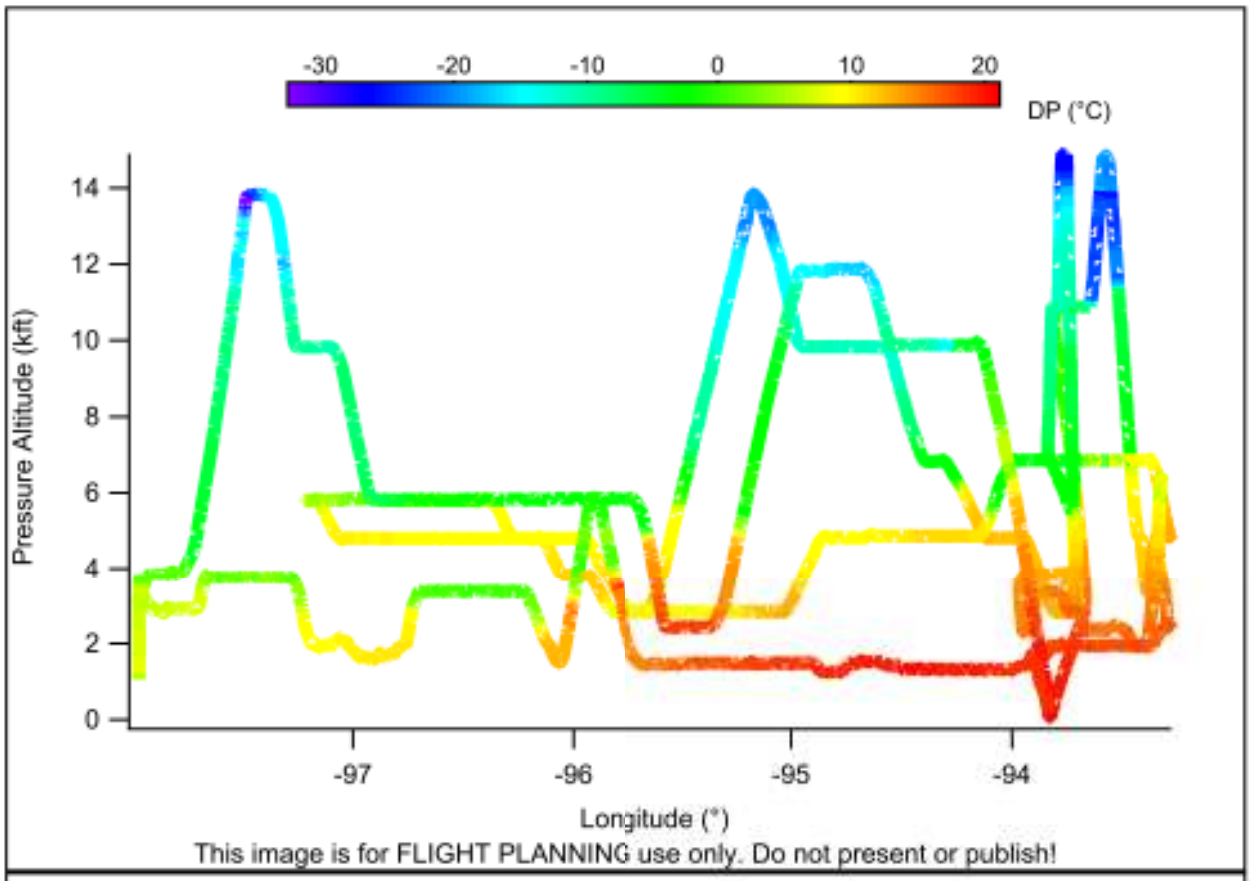

-40 -30 -20 -10 0 10 20
DP (°C)
Pressure Altitude (kft)
0 2 4 6 8 10 12 14
33 34 35 36 37 38
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

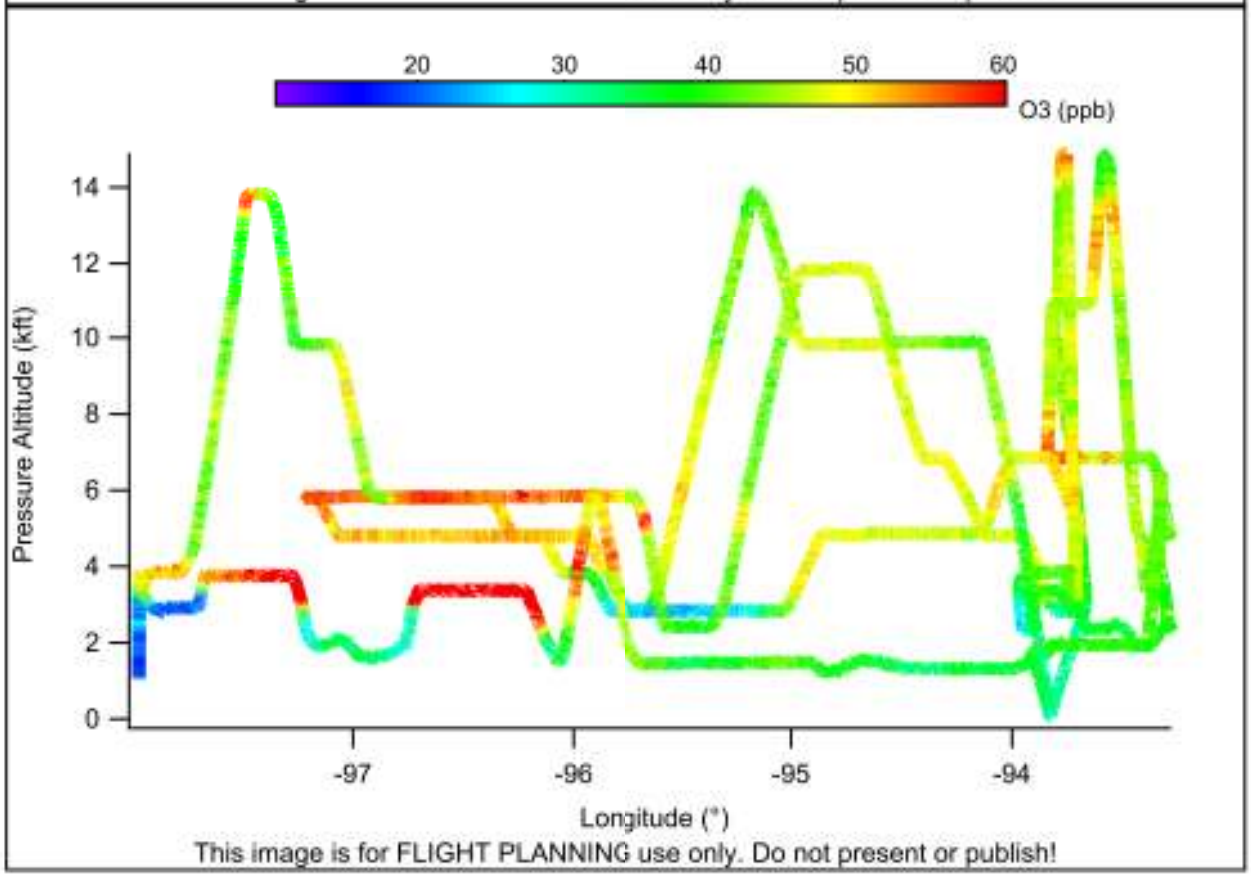

10 20 30 40 50 60
O3 (ppb)
Pressure Altitude (kft)
0 2 4 6 8 10 12 14
33 34 35 36 37 38
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

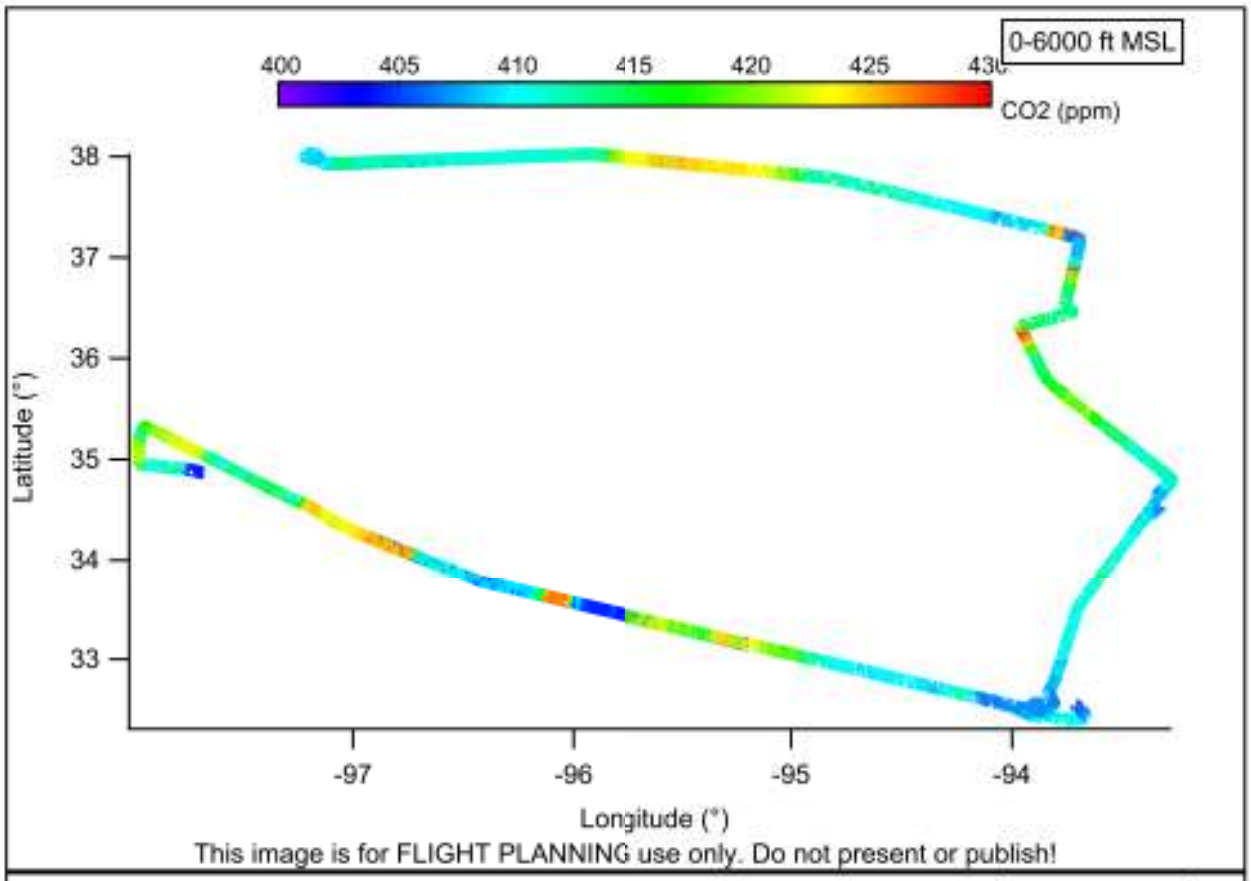

400 405 410 415 420 425 430
CO2 (ppm)
Pressure Altitude (kft)
0 2 4 6 8 10 12 14
-97 -96 -95 -94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

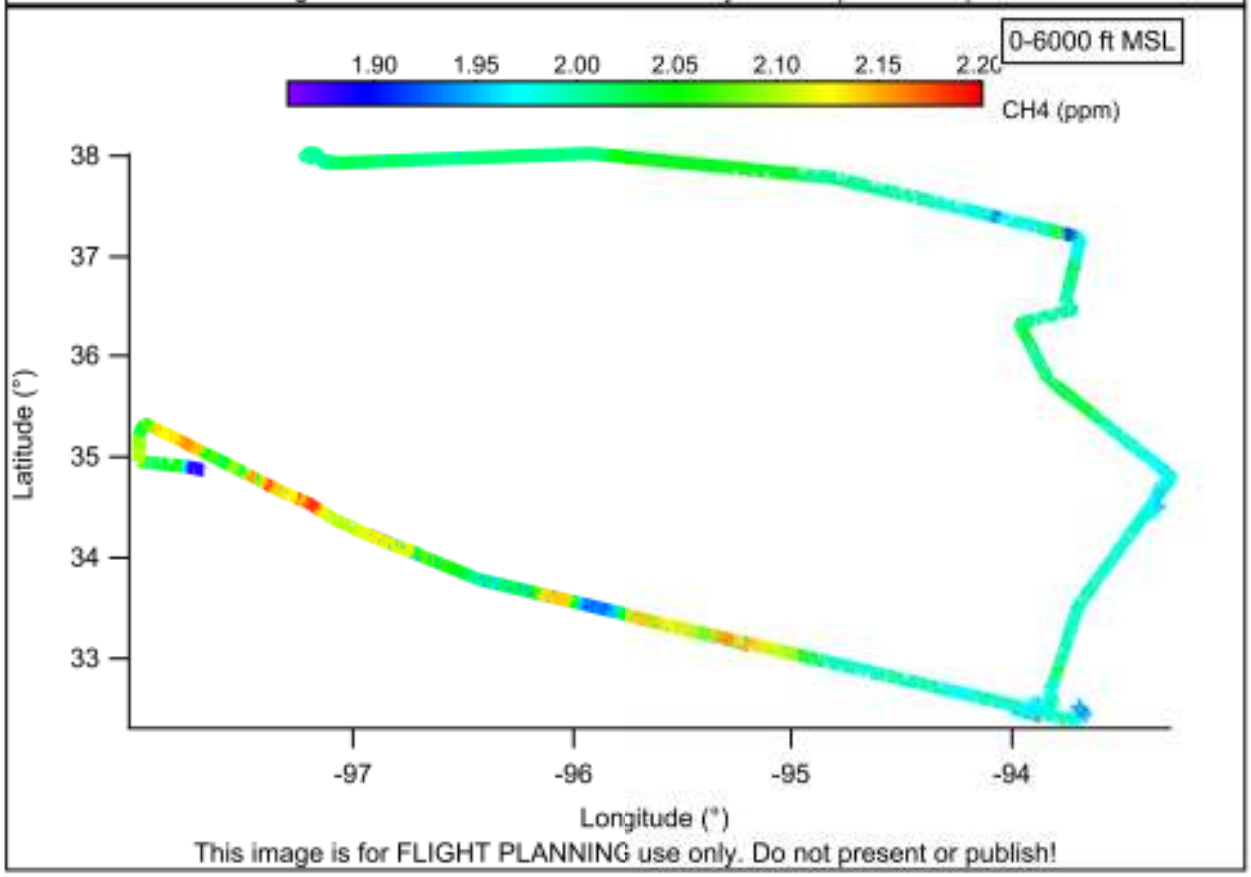

1.90 1.95 2.00 2.05 2.10 2.15 2.20
CH4 (ppm)
Pressure Altitude (kft)
0 2 4 6 8 10 12 14
-97 -96 -95 -94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

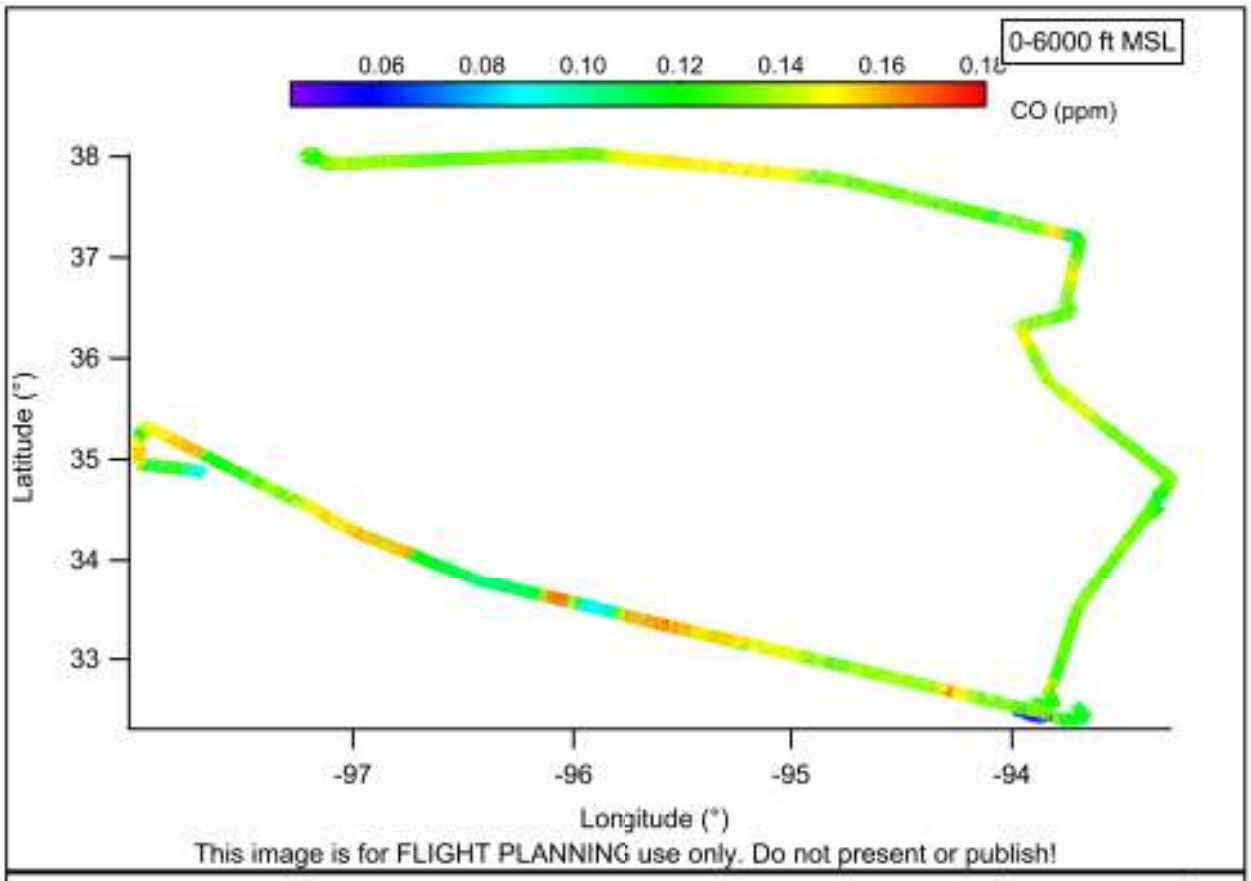

0.06
0.08
0.10
0.12
0.14
0.16
0.18
CO (ppm)
Pressure Altitude (kft)
14
12
10
8
6
4
2
0
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!
2
4
6
8
10
12
14
16
H2O_gkg (g/kg)
Pressure Altitude (kft)
14
12
10
8
6
4
2
0
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

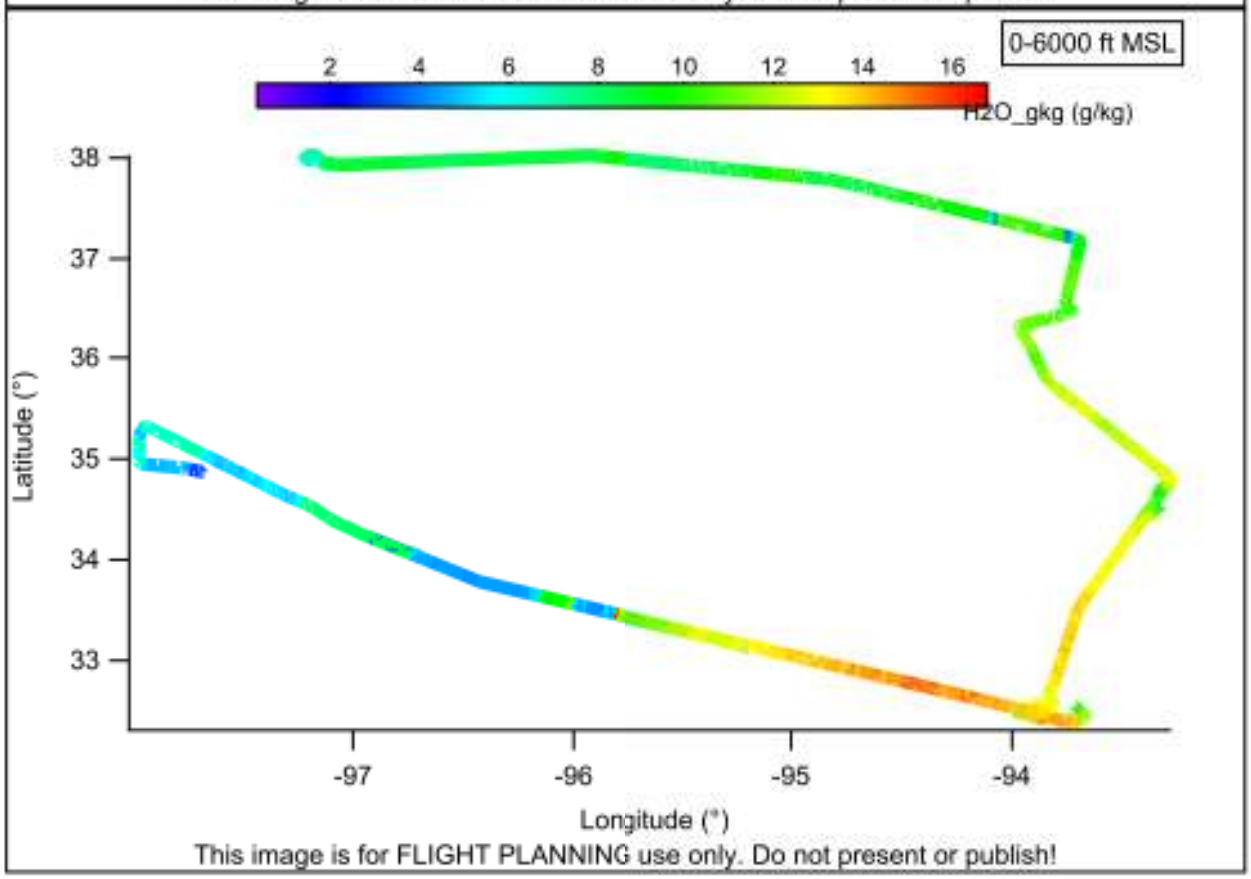

-30
-20
-10
0
10
20
DP (°C)
Pressure Altitude (kft)
14
12
10
8
6
4
2
0
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

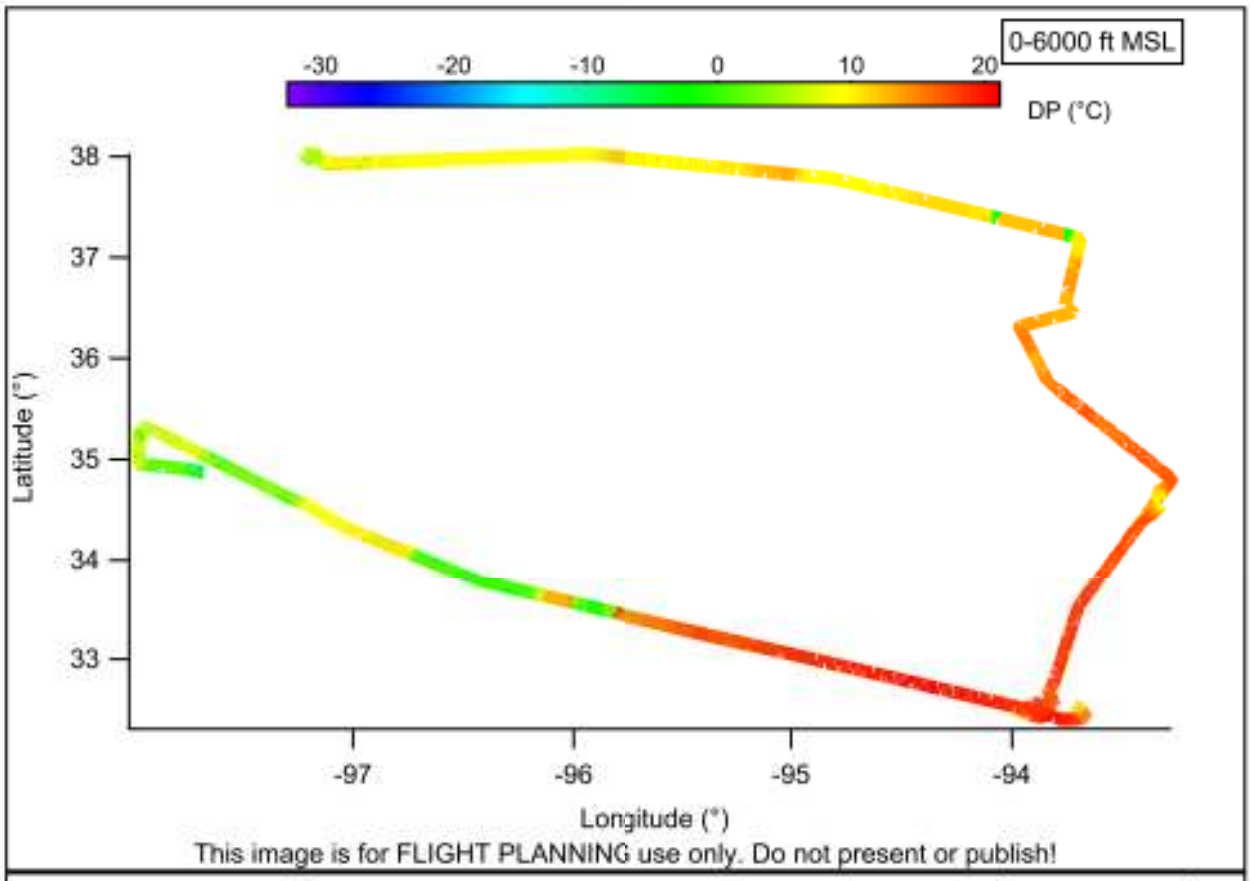

20
30
40
50
60
O3 (ppb)
Pressure Altitude (kft)
14
12
10
8
6
4
2
0
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

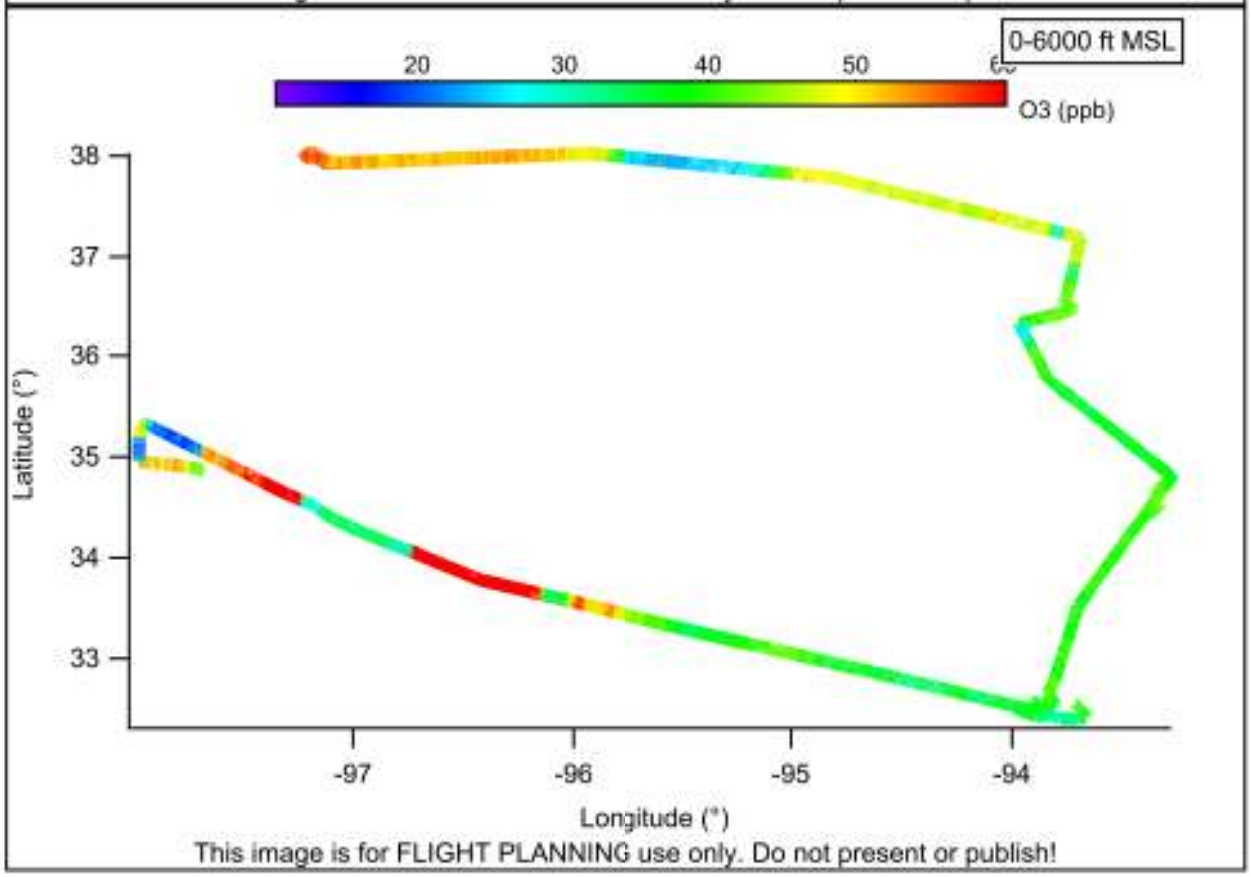

0-6000 ft MSL
400 405 410 415 420 425
CO2 (ppm)
38
37
36
35
34
33
Latitude (°)
-97 -96 -95 -94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

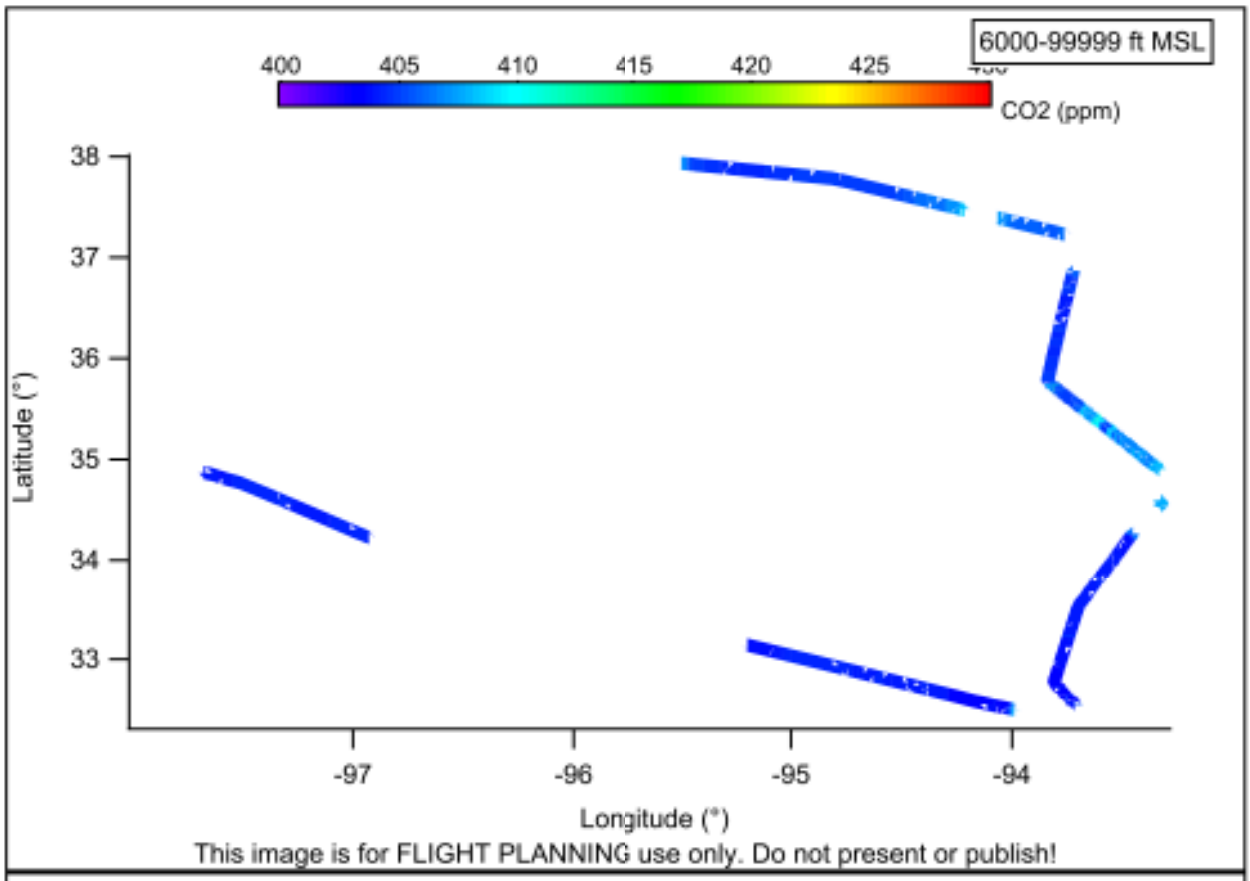

0-6000 ft MSL
1.90 1.95 2.00 2.05 2.10 2.15
CH4 (ppm)
38
37
36
35
34
33
Latitude (°)
-97 -96 -95 -94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

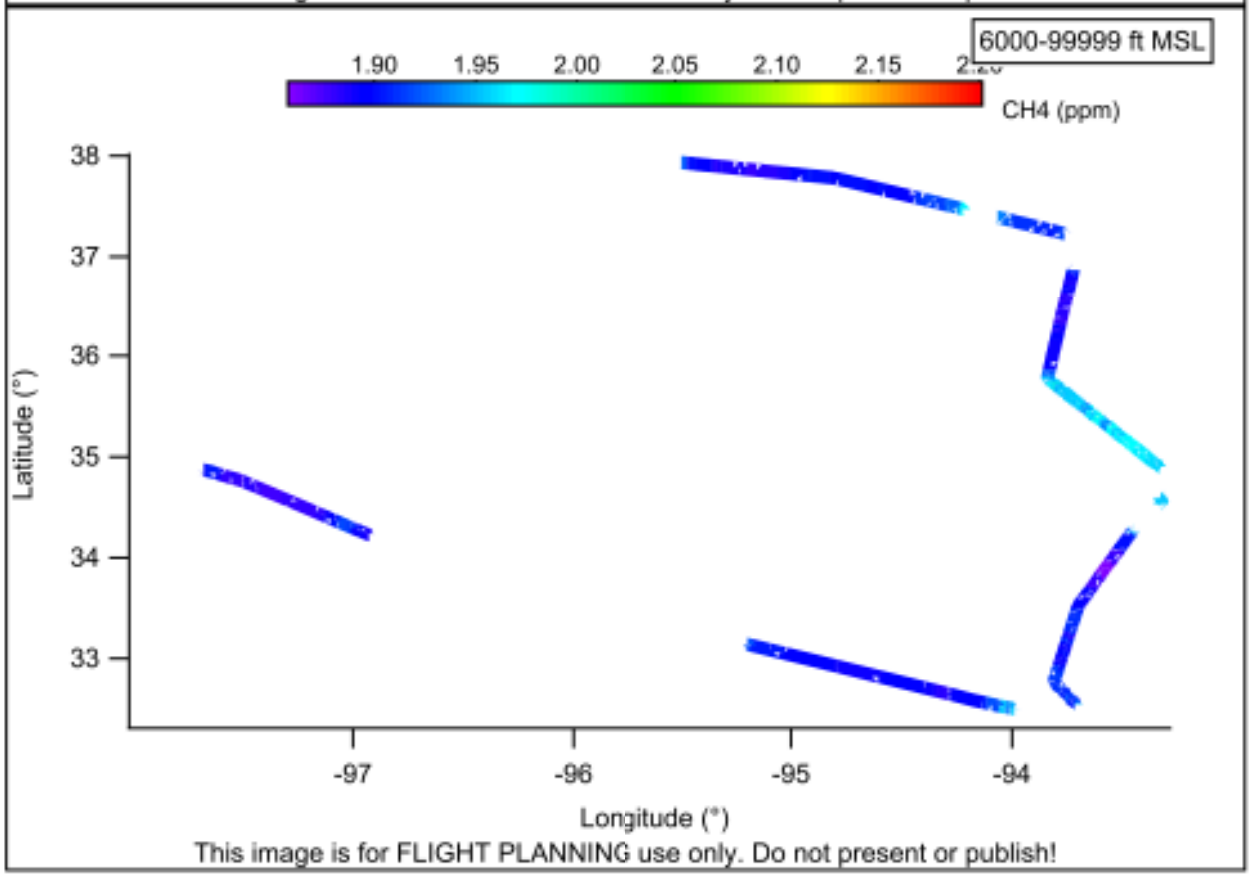

0-6000 ft MSL
0.06 0.08 0.10 0.12 0.14 0.16
CO (ppm)
38
37
36
35
34
33
Latitude (°)
-97 -96 -95 -94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

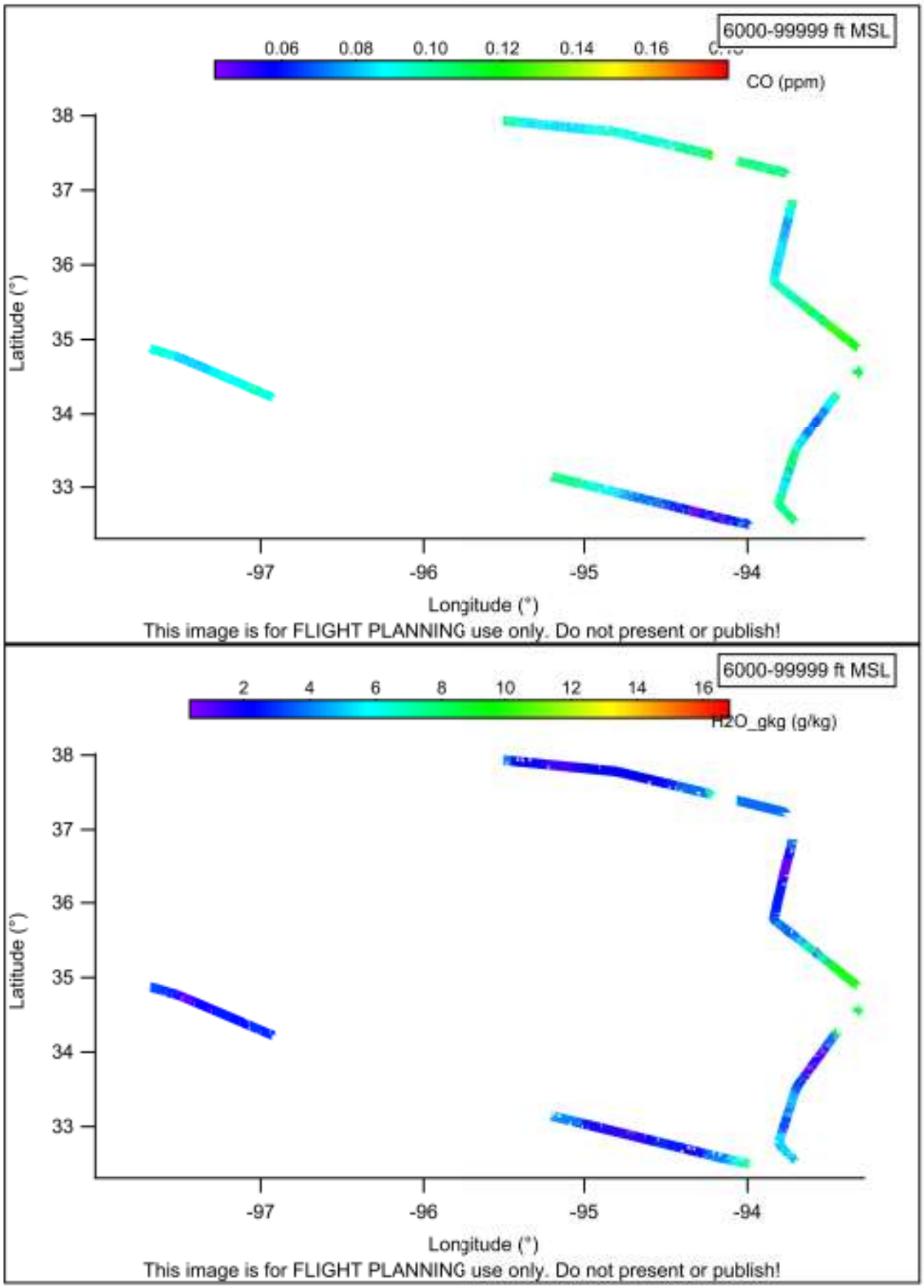

0-6000 ft MSL
2 4 6 8 10 12 14 16
H2O_gkg (g/kg)
38
37
36
35
34
33
Latitude (°)
-97 -96 -95 -94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

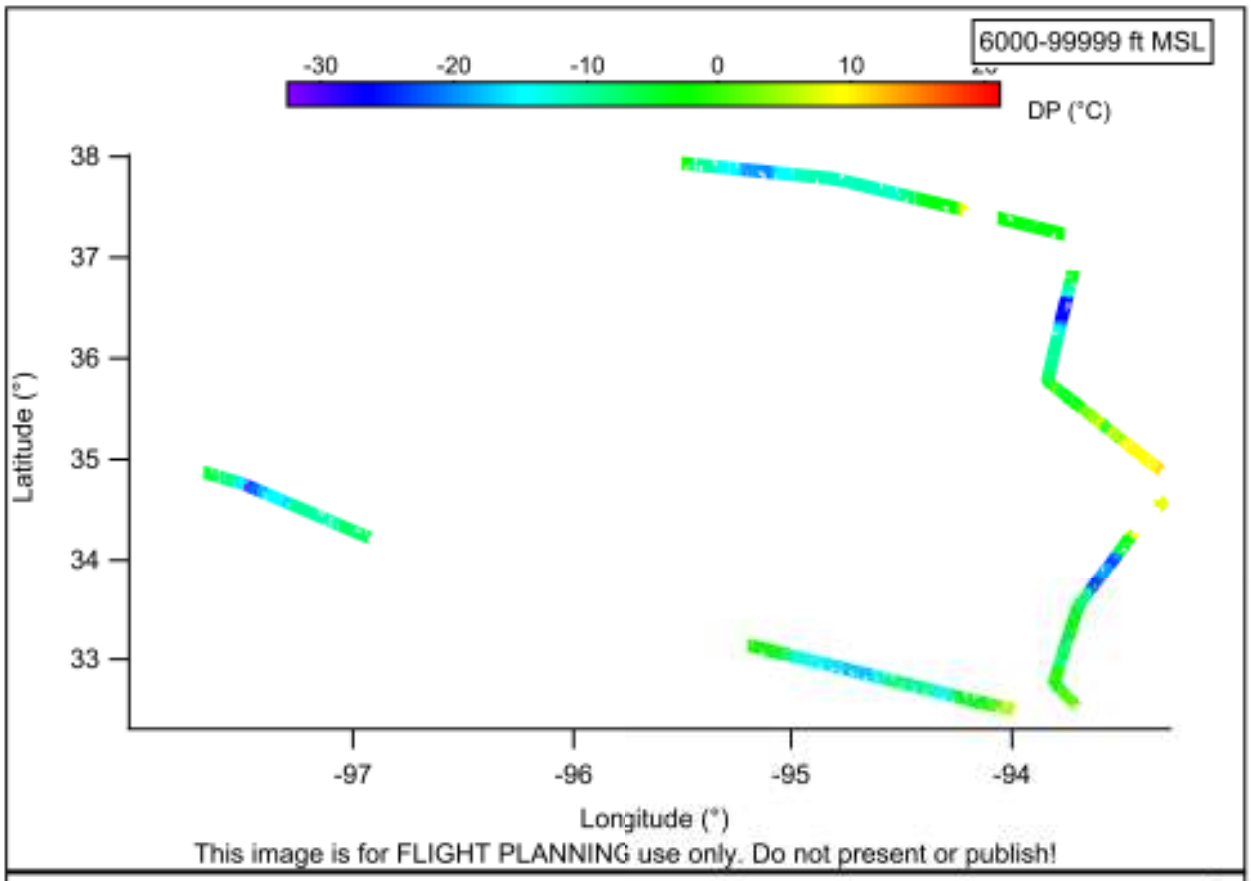

0-6000 ft MSL
-30
-20
-10
0
10
20
DP (°C)
38
37
36
35
34
33
Latitude (°)
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

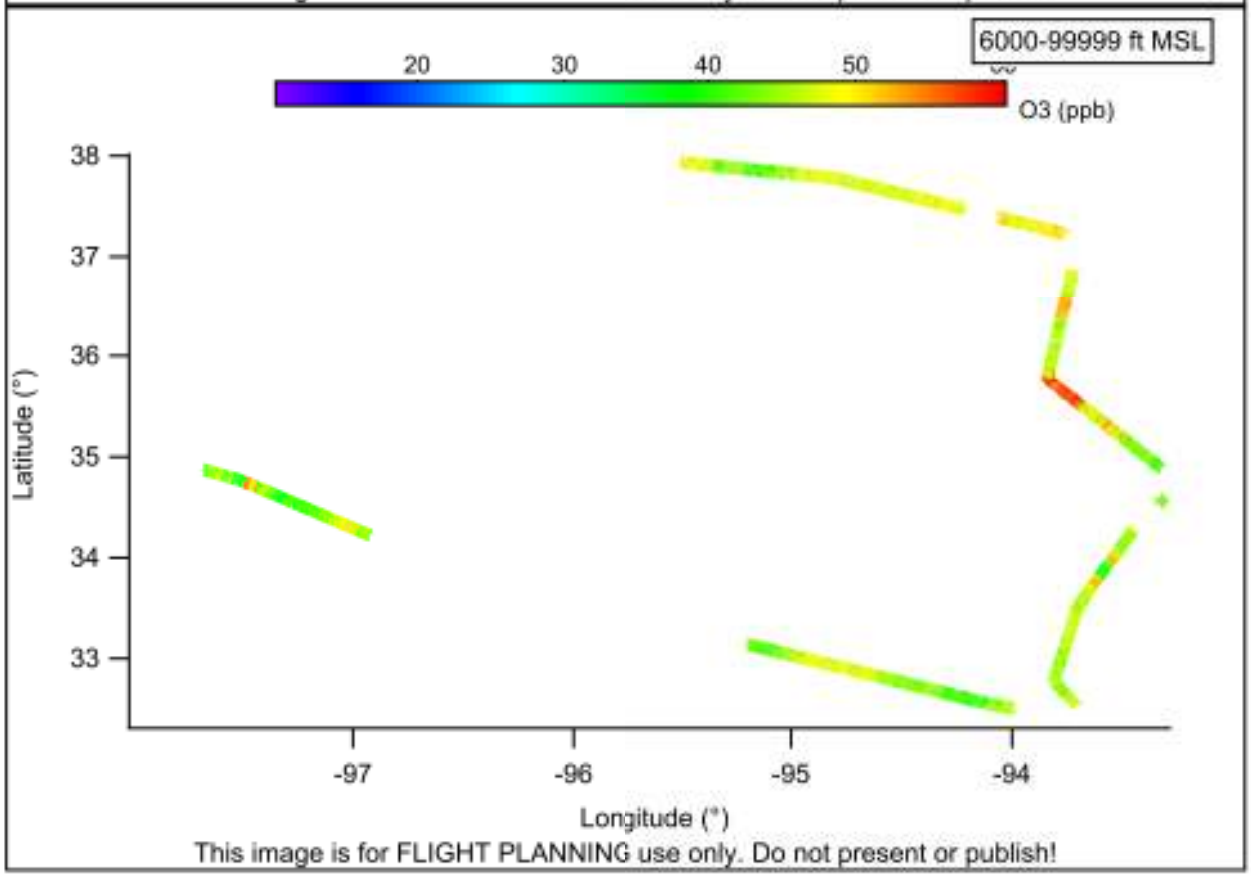

0-6000 ft MSL
20
30
40
50
O3 (ppb)
38
37
36
35
34
33
Latitude (°)
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

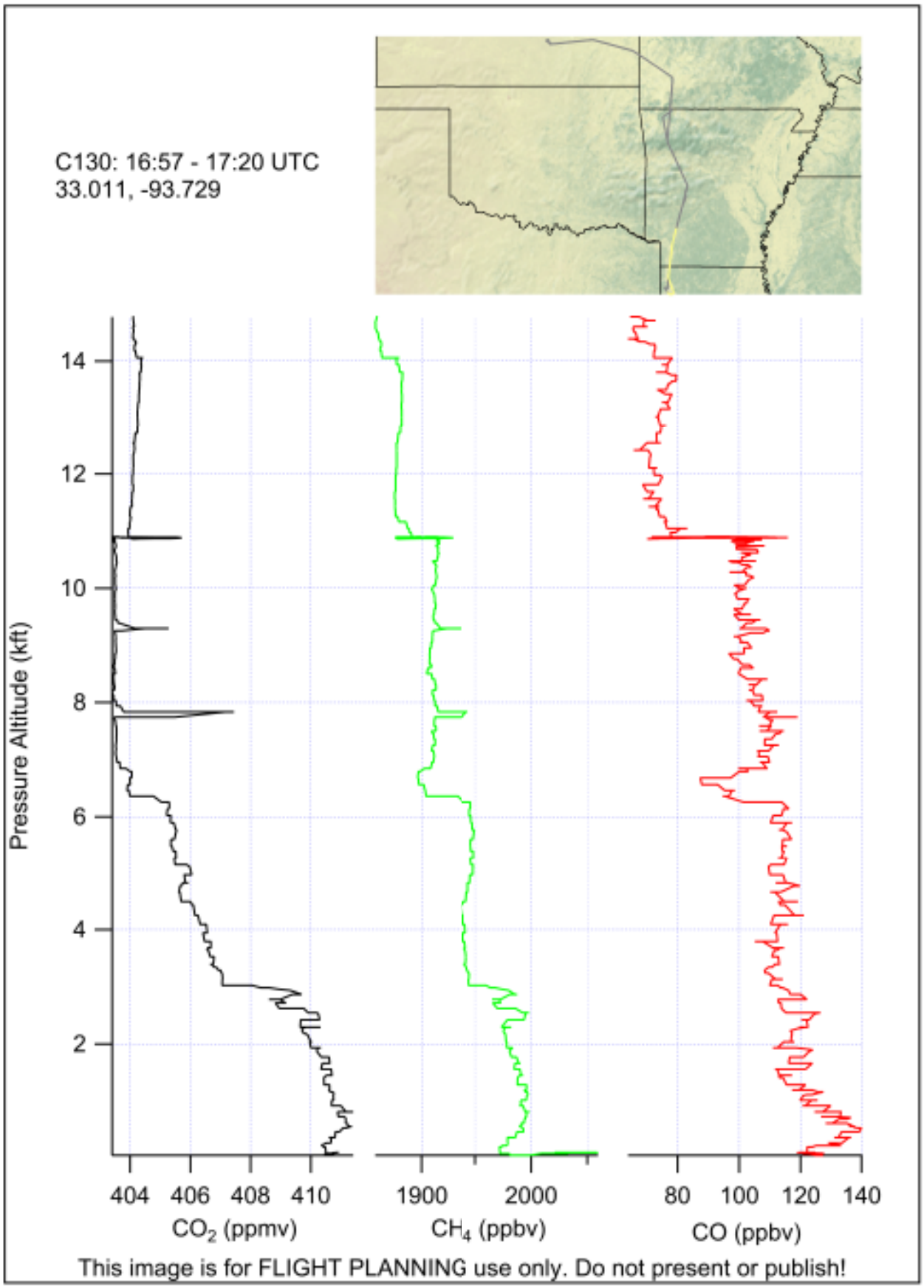

6000-99999 ft MSL
400 405 410 415 420 425
CO2 (ppm)
38
37
36
35
34
33
Latitude (°)
-97 -96 -95 -94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

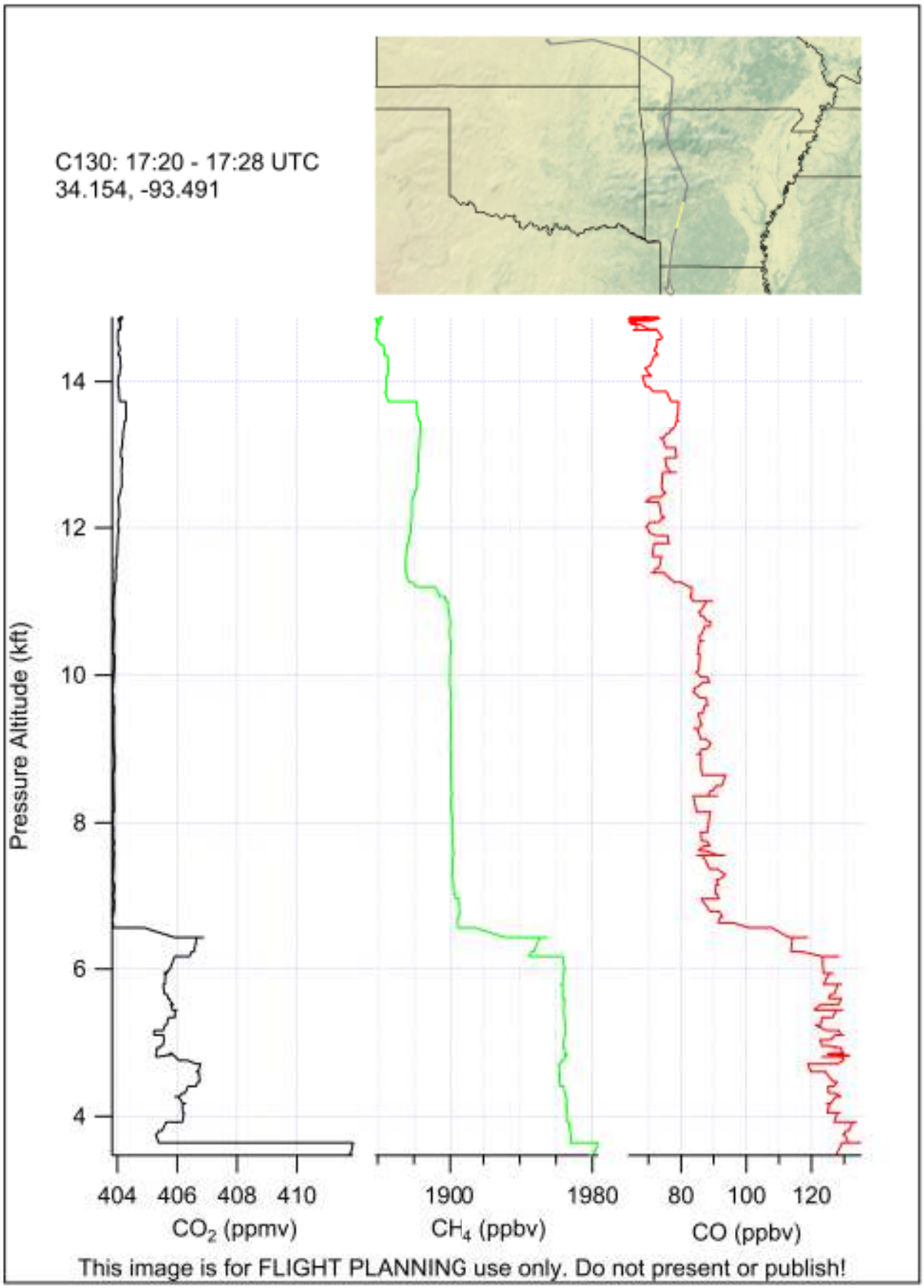

6000-99999 ft MSL
1.90 1.95 2.00 2.05 2.10 2.15
CH4 (ppm)
38
37
36
35
34
33
Latitude (°)
-97 -96 -95 -94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

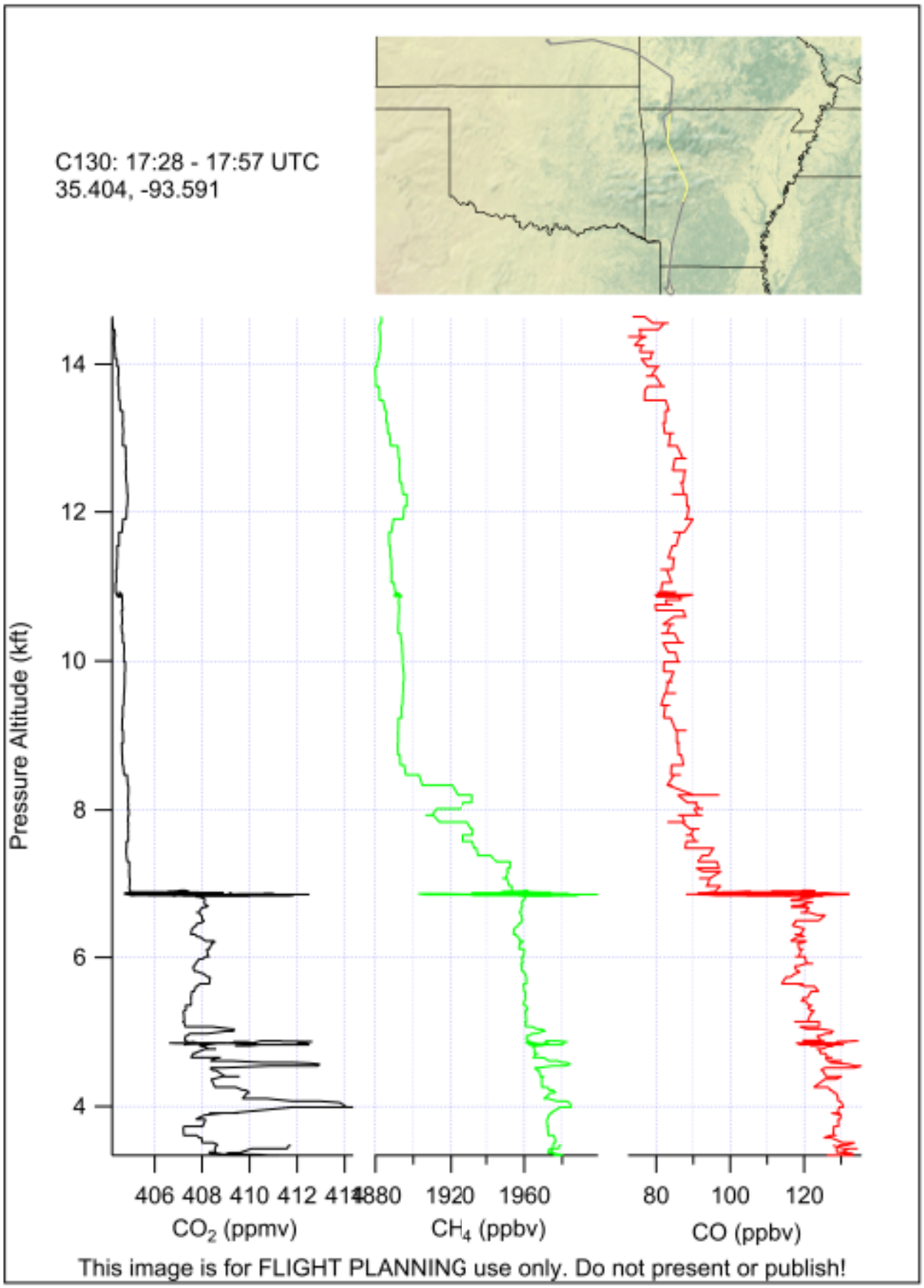

6000-99999 ft MSL
0.06 0.08 0.10 0.12 0.14 0.16
CO (ppm)
38
37
36
35
34
33
Latitude (°)
-97 -96 -95 -94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!
6000-99999 ft MSL
2 4 6 8 10 12 14 16
H2O_gkg (g/kg)
38
37
36
35
34
33
Latitude (°)
-97 -96 -95 -94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

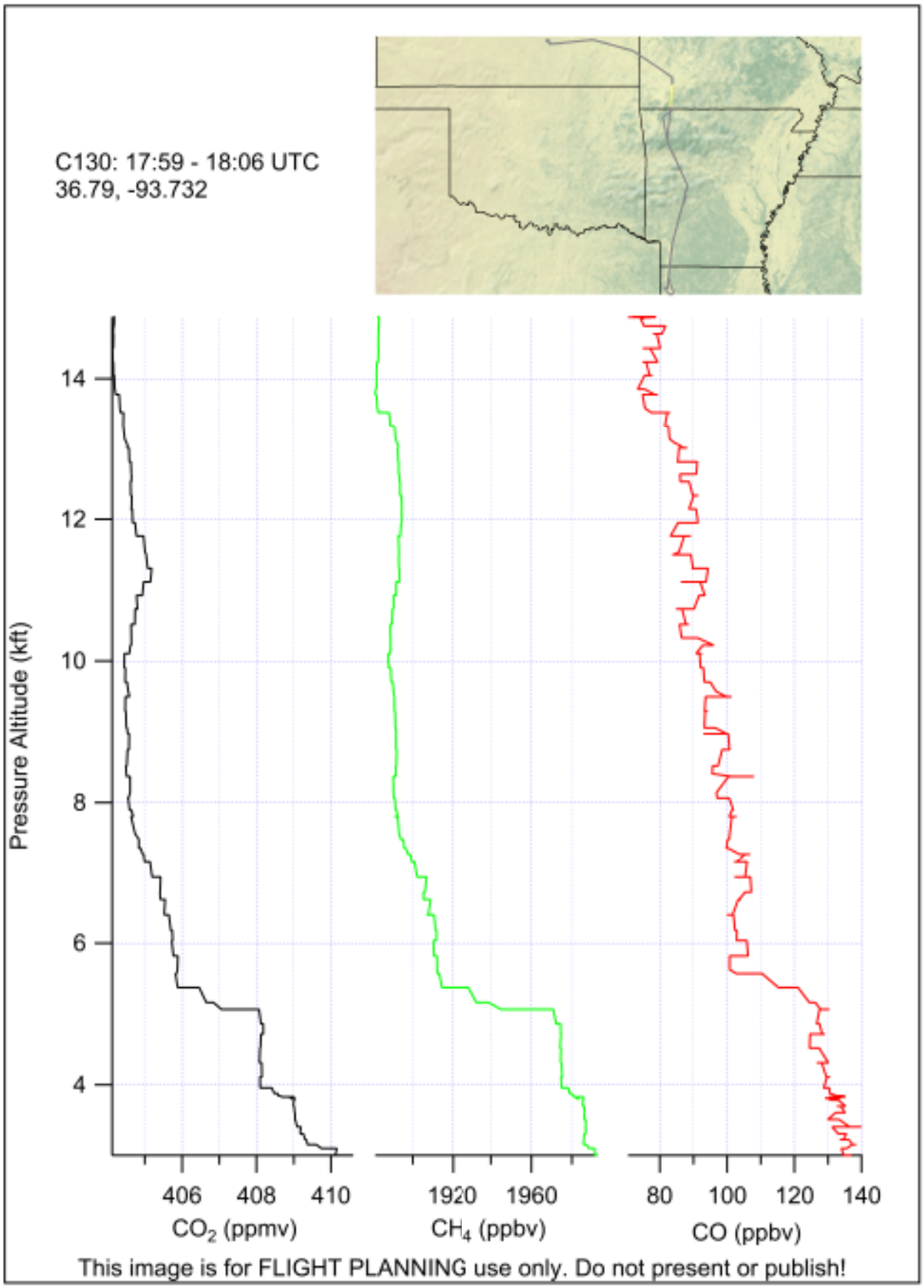

6000-99999 ft MSL
-30
-20
-10
0
10
DP (°C)
38
37
36
35
34
33
Latitude (°)
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

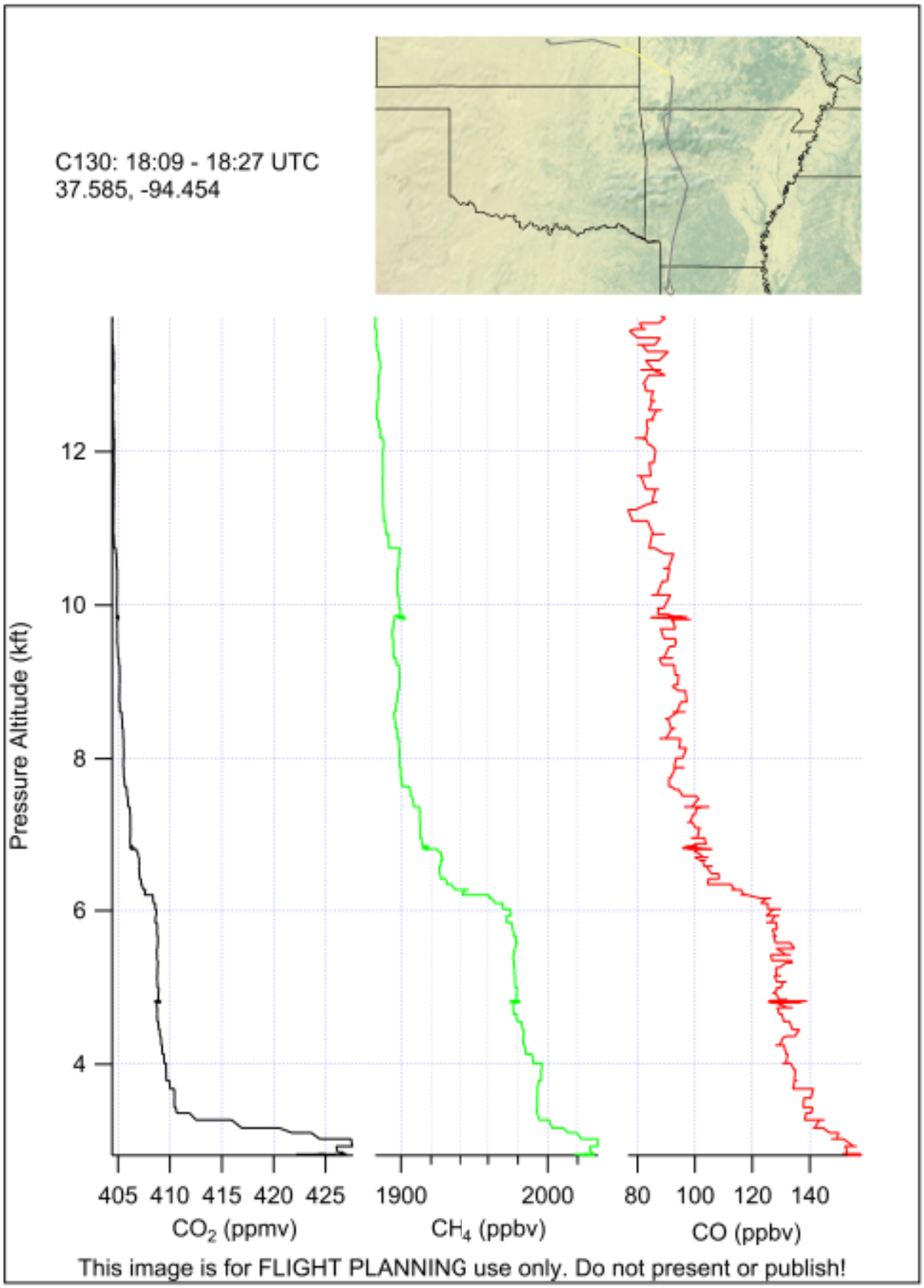

6000-99999 ft MSL
20
30
40
50
O3 (ppb)
38
37
36
35
34
33
Latitude (°)
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

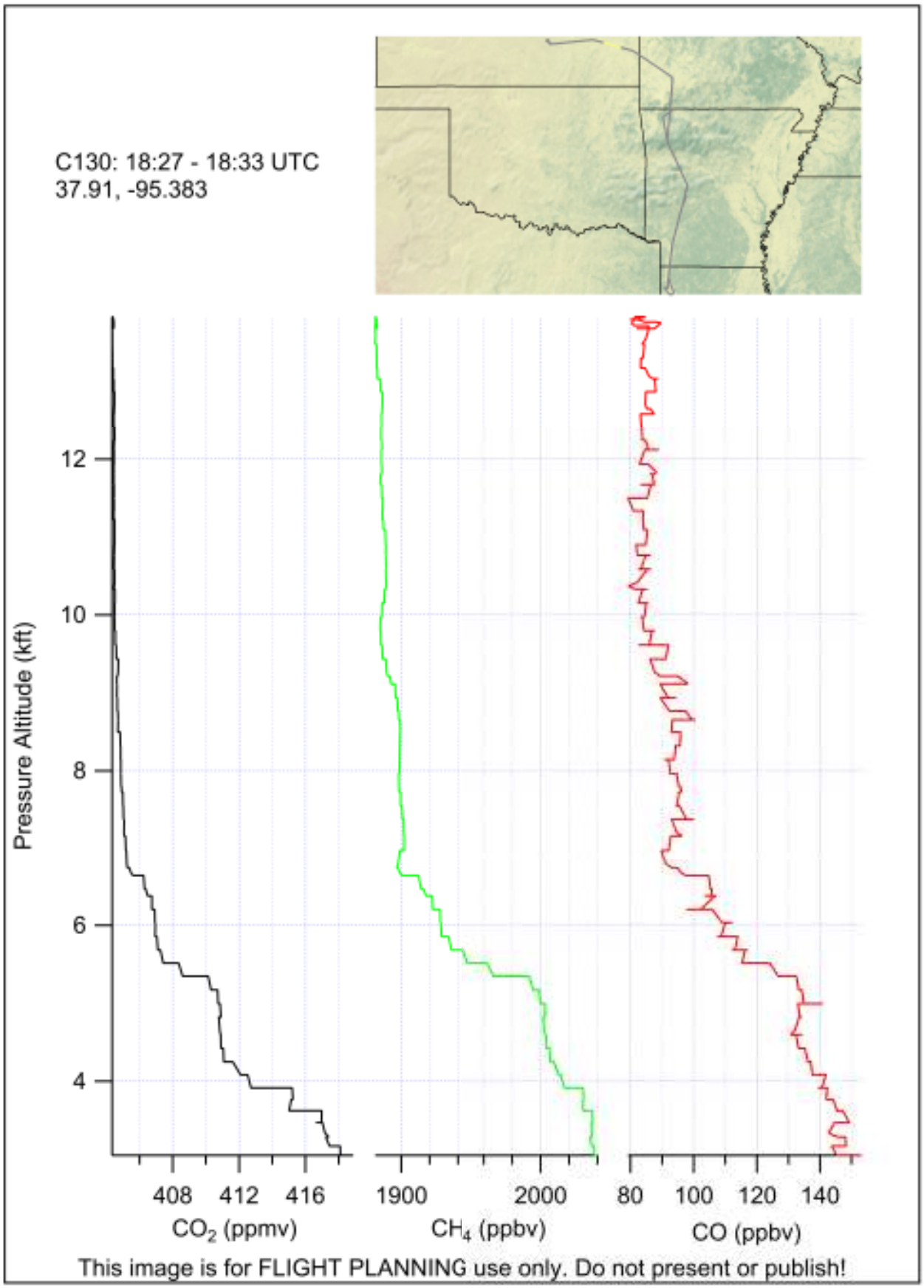

C130: 16:57 - 17:20 UTC
33.011, -93.729
Pressure Altitude (kft)
14
12
10
8
6
4
2
404 406 408 410
CO2 (ppmv)
1900 2000
CH4 (ppbv)
80 100 120 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

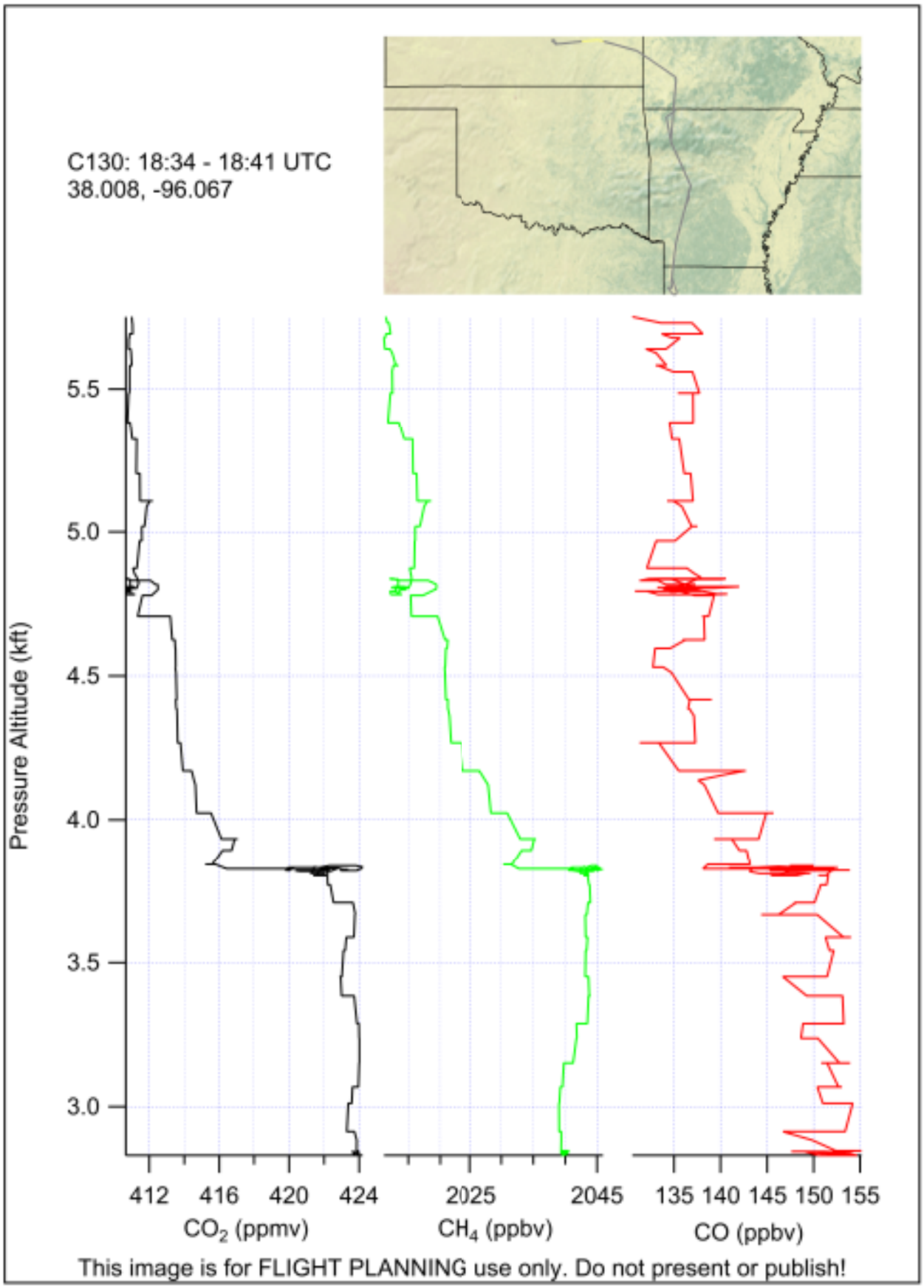

C130: 17:20 - 17:28 UTC
34.154, -93.491
Pressure Altitude (kft)
14
12
10
8
6
4
404 406 408 410
CO2 (ppmv)
1900 1980
CH4 (ppbv)
80 100 120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

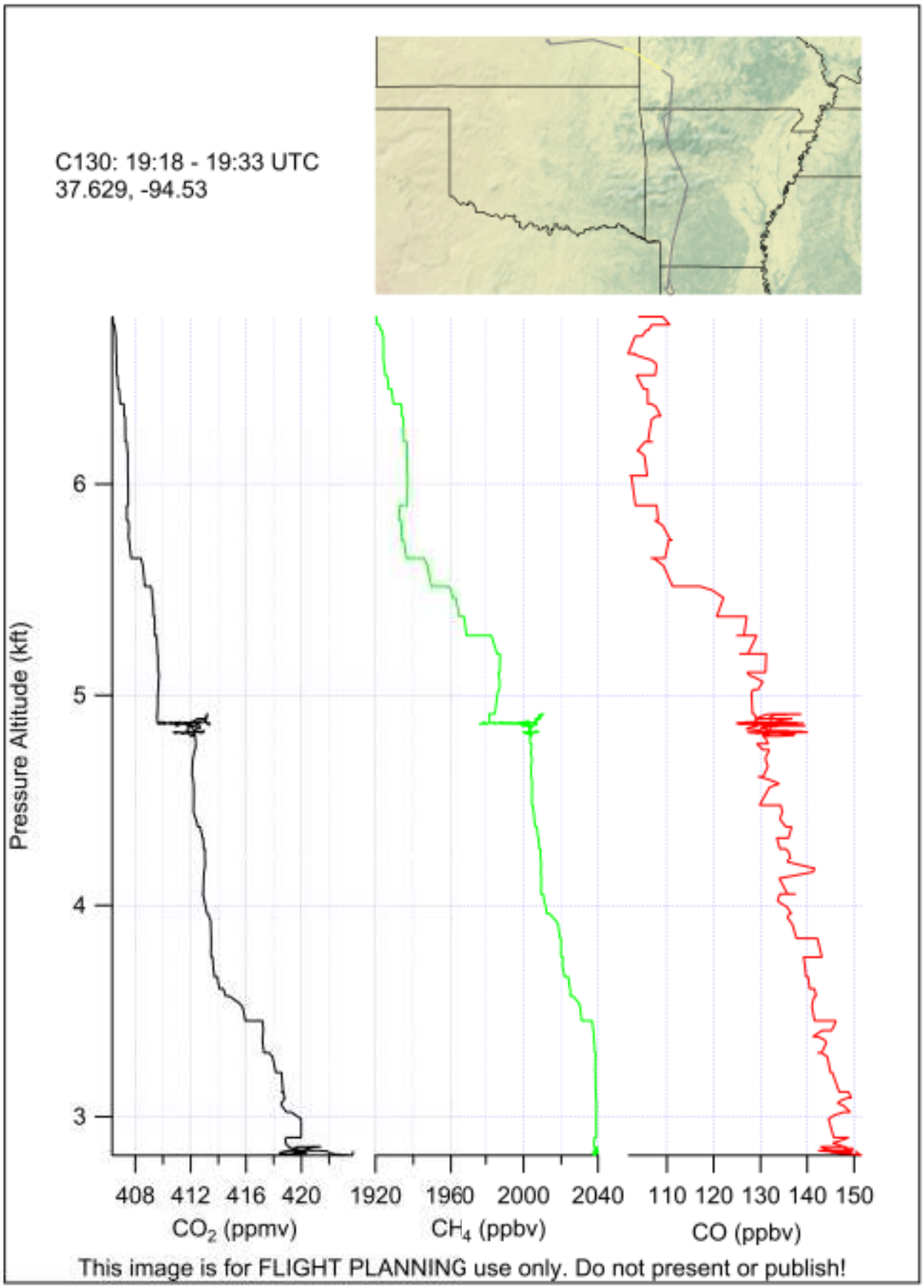

C130: 17:28 - 17:57 UTC
35.404, -93.591
Pressure Altitude (kft)
14
12
10
8
6
4
406 408 410 412 414
CO2 (ppmv)
1880 1920 1960
CH4 (ppbv)
80 100 120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

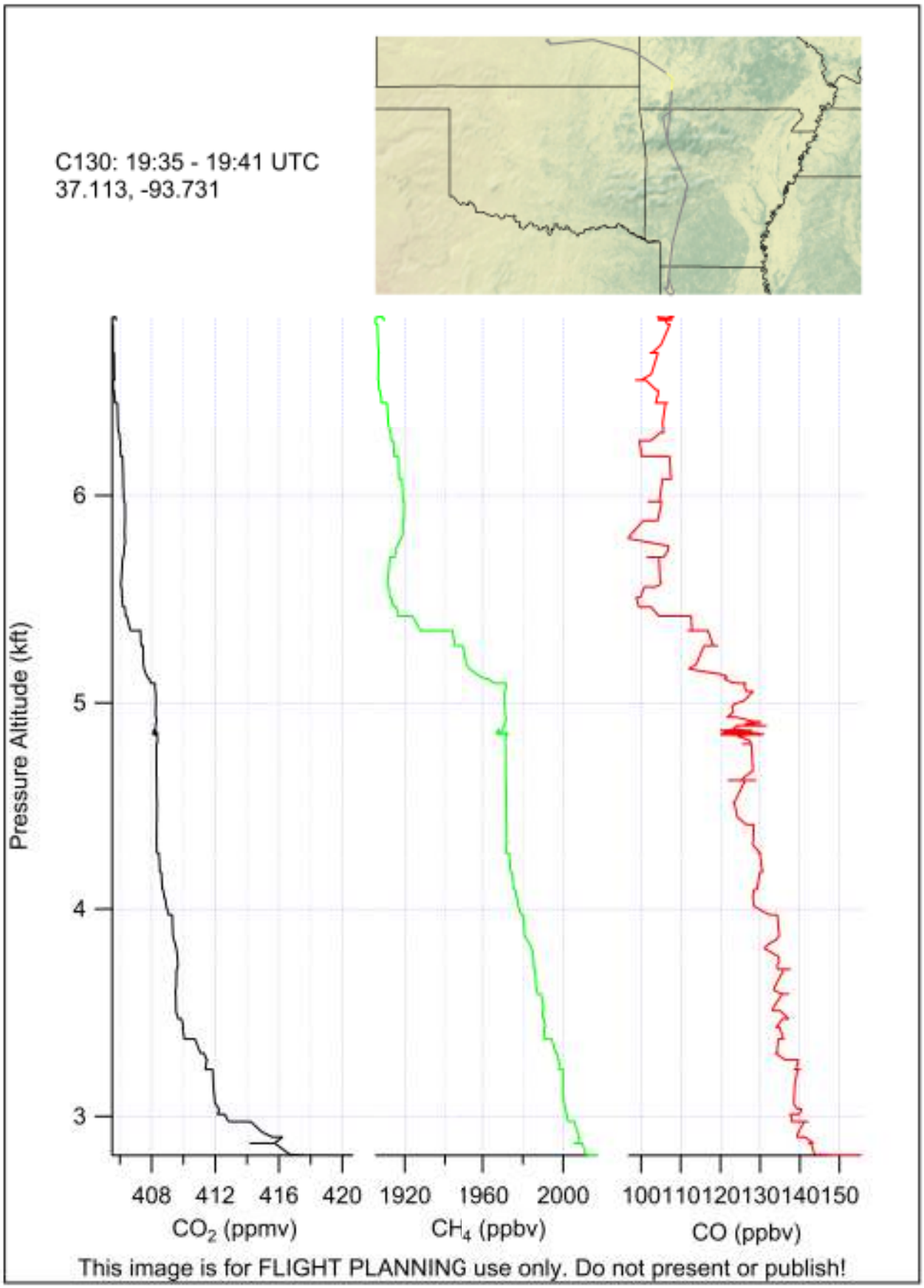

C130: 17:59 - 18:06 UTC
36.79, -93.732
Pressure Altitude (kft)
14
12
10
8
6
4
406
408
410
CO2 (ppmv)
1920
1960
CH4 (ppbv)
80
100
120
140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

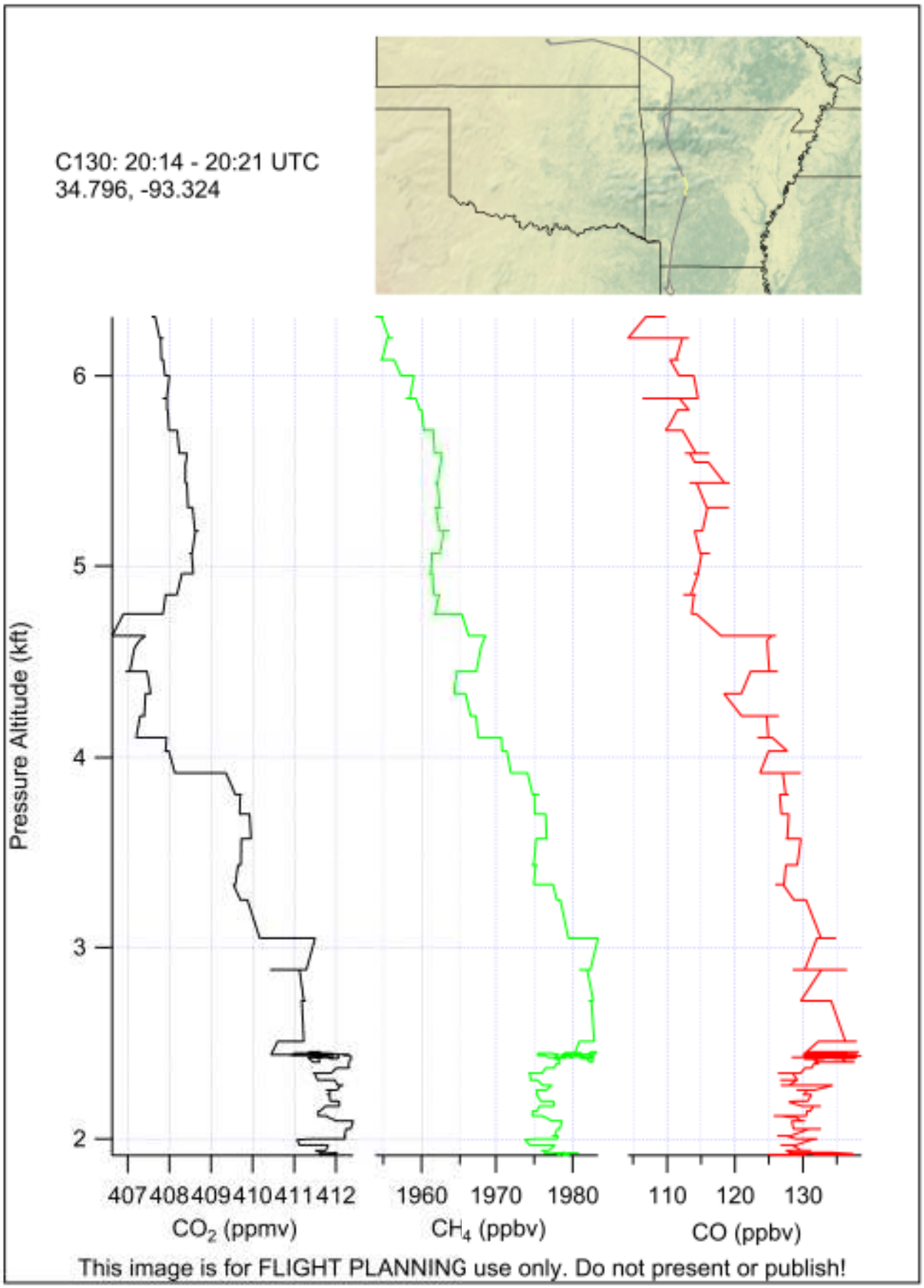

C130: 18:09 - 18:27 UTC
37.585, -94.454
Pressure Altitude (kft)
12
10
8
6
4
405 410 415 420 425
CO2 (ppmv)
1900 2000
CH4 (ppbv)
80 100 120 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

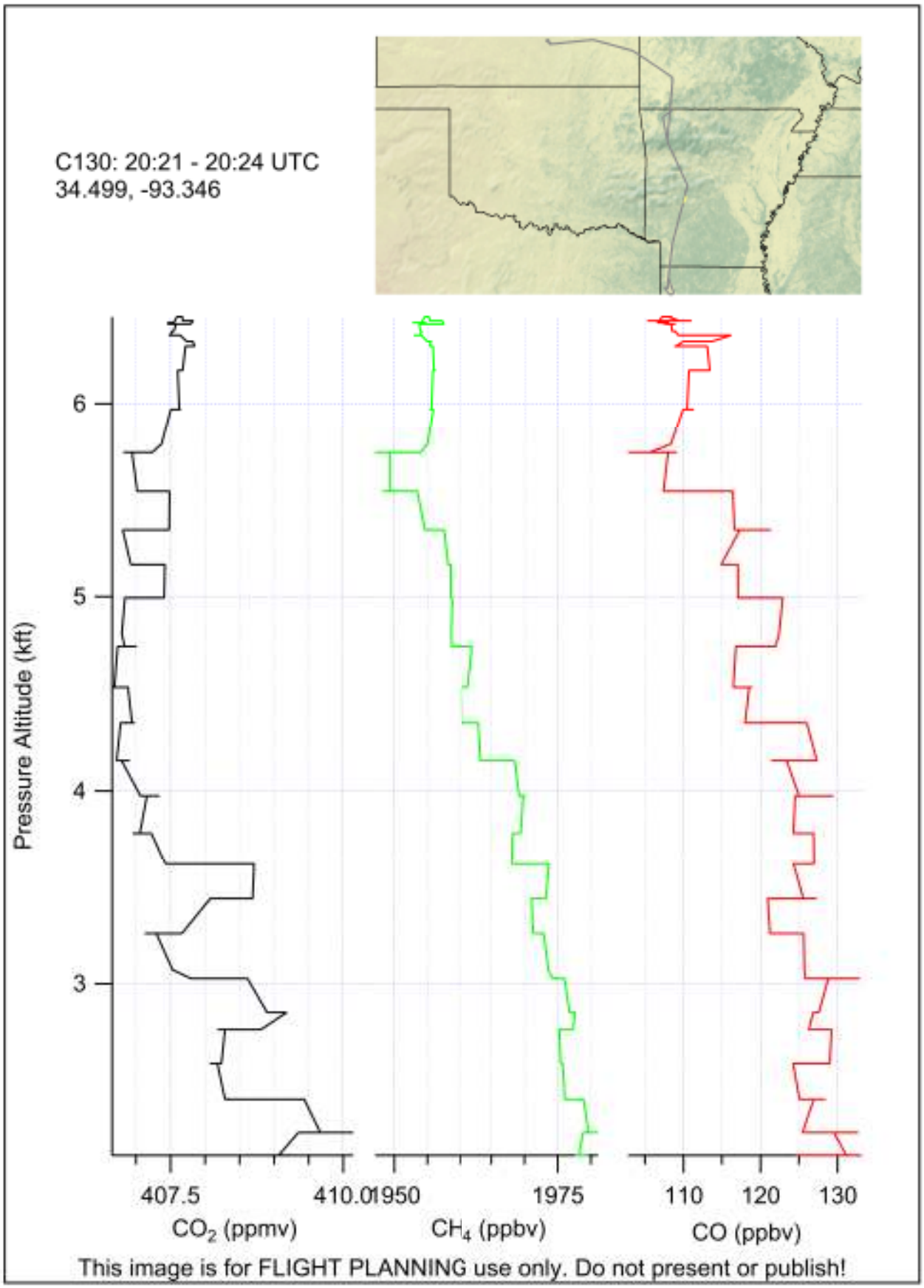

C130: 18:27 - 18:33 UTC
37.91, -95.383
Pressure Altitude (kft)
12
10
8
6
4
408
412
416
CO2 (ppmv)
1900
2000
CH4 (ppbv)
80
100
120
140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

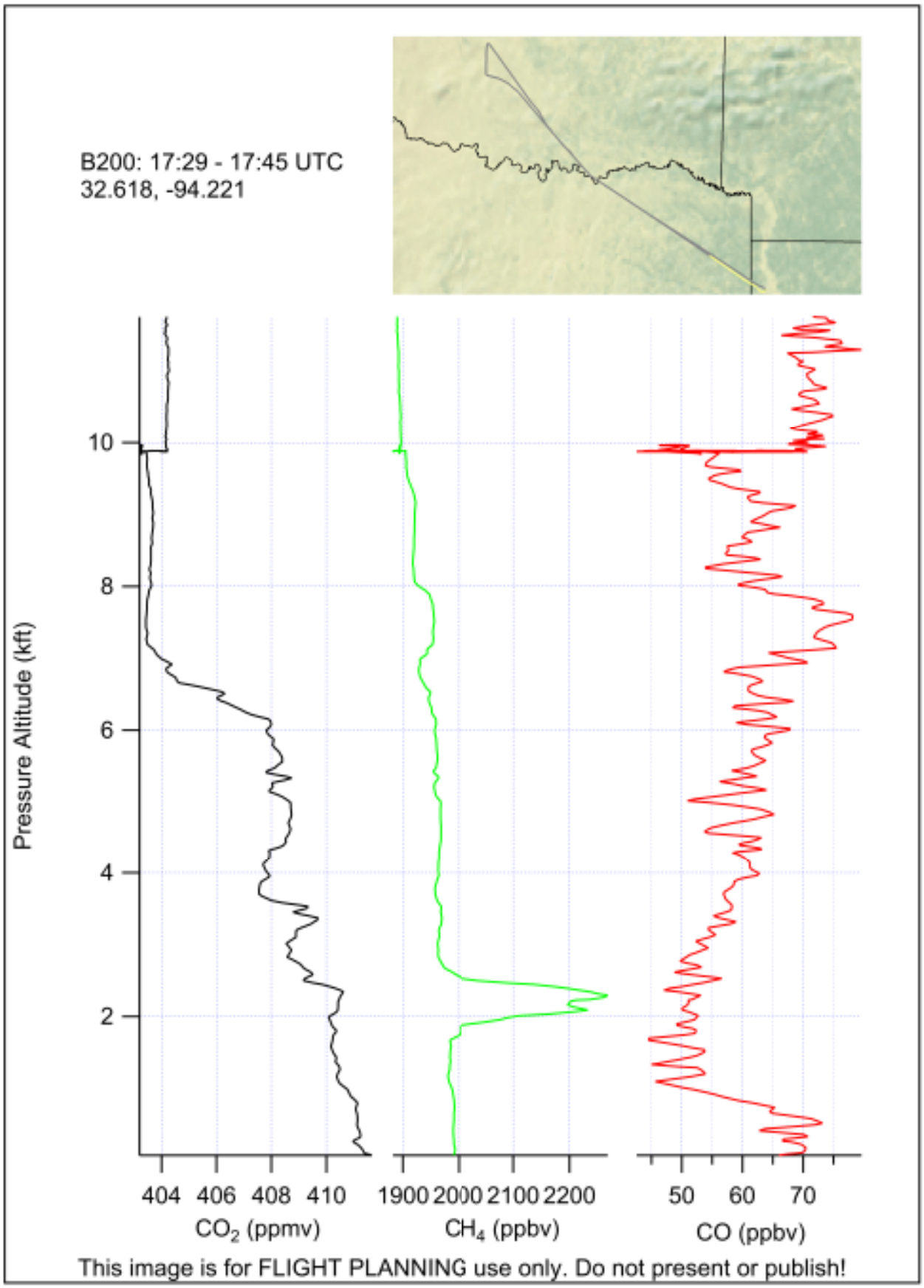

C130: 18:34 - 18:41 UTC
38.008, -96.067
Pressure Altitude (kft)
5.5
5.0
4.5
4.0
3.5
3.0
412 416 420 424
CO2 (ppmv)
2025 2045
CH4 (ppbv)
135 140 145 150 155
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

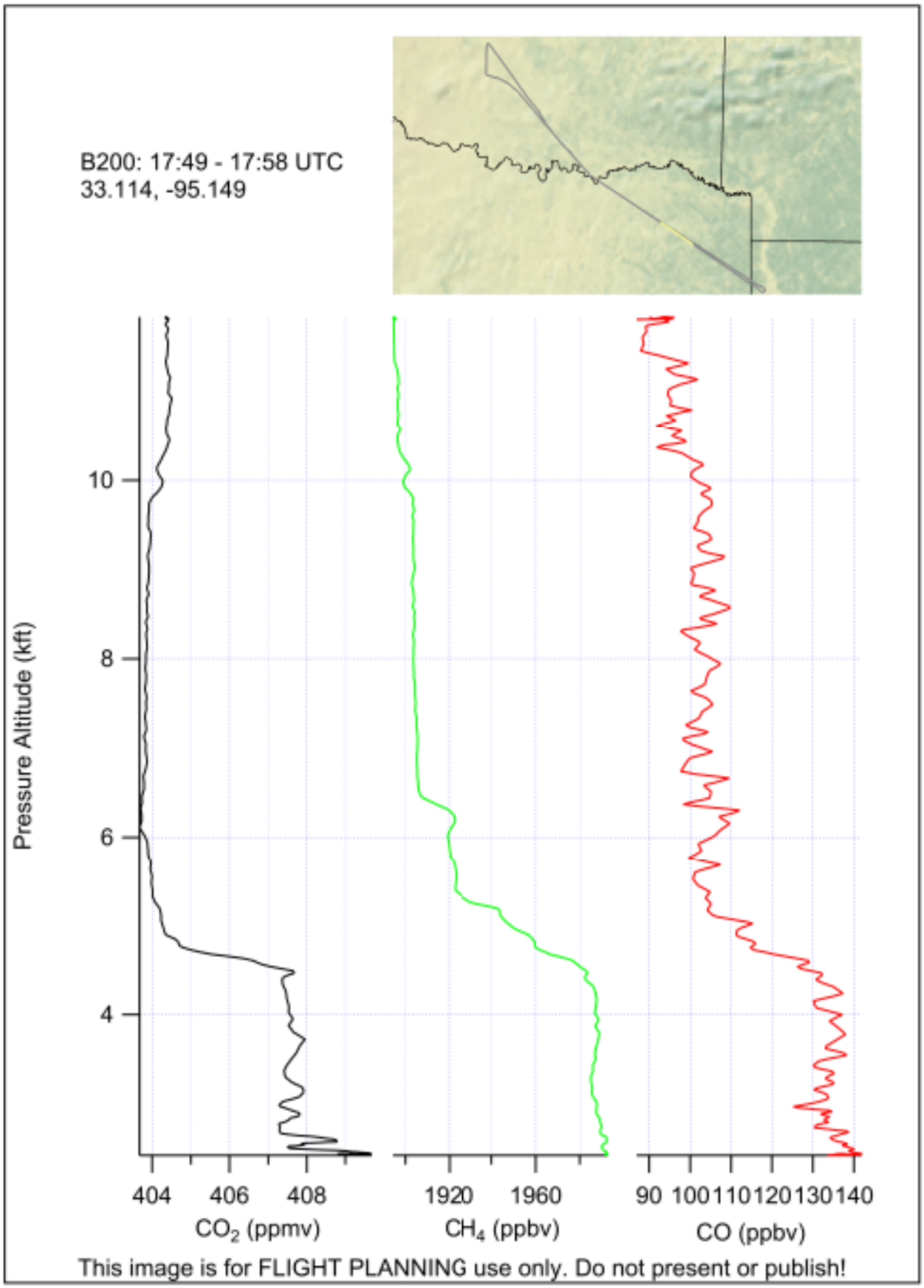

C130: 19:18 - 19:33 UTC
37.629, -94.53
Pressure Altitude (kft)
6
5
4
3
408 412 416 420
CO2 (ppmv)
1920 1960 2000 2040
CH4 (ppbv)
110 120 130 140 150
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

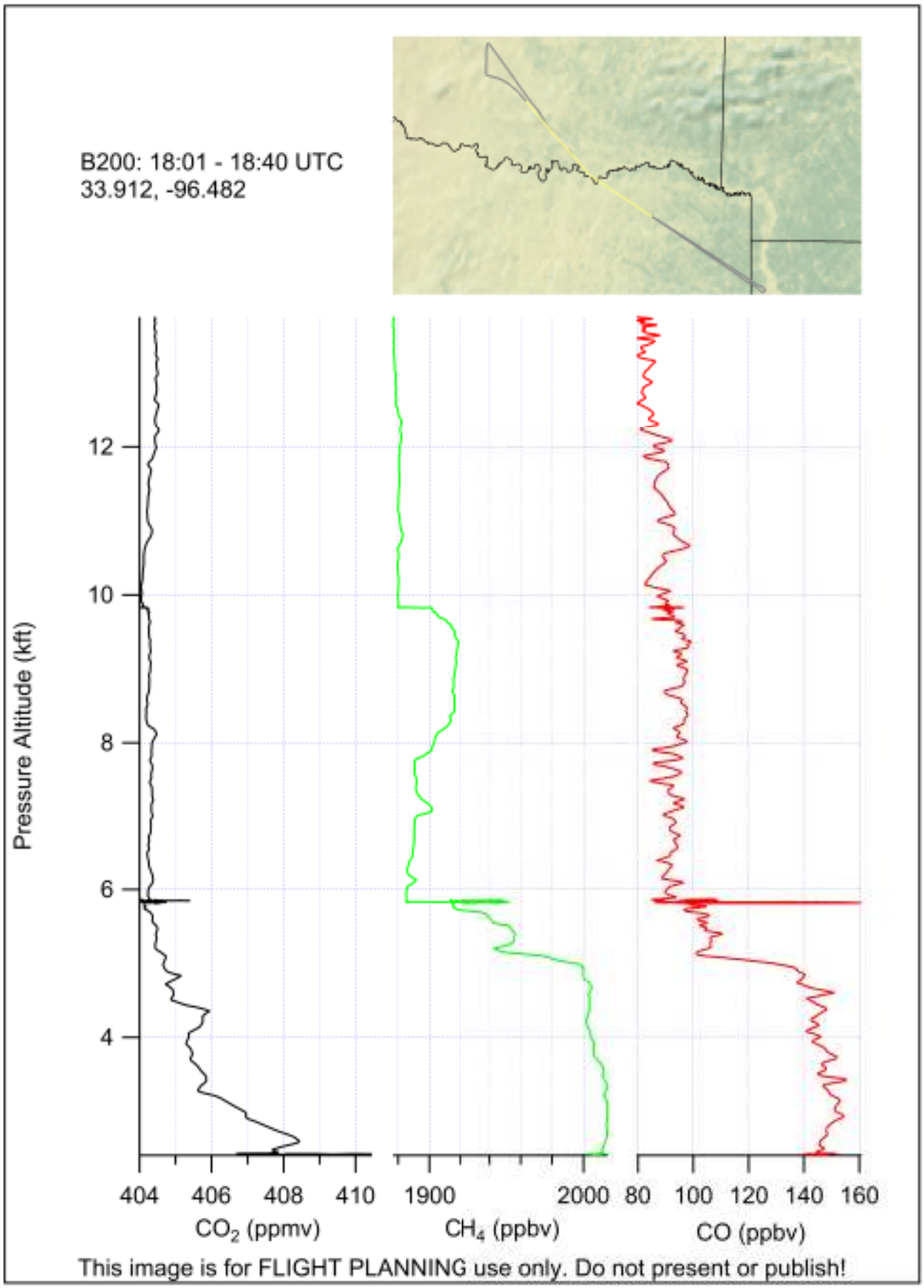

C130: 19:35 - 19:41 UTC
37.113, -93.731
Pressure Altitude (kft)
6
5
4
3
408 412 416 420
CO_2 (ppmv)
1920 1960 2000
CH_4 (ppbv)
100 110 120 130 140 150
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

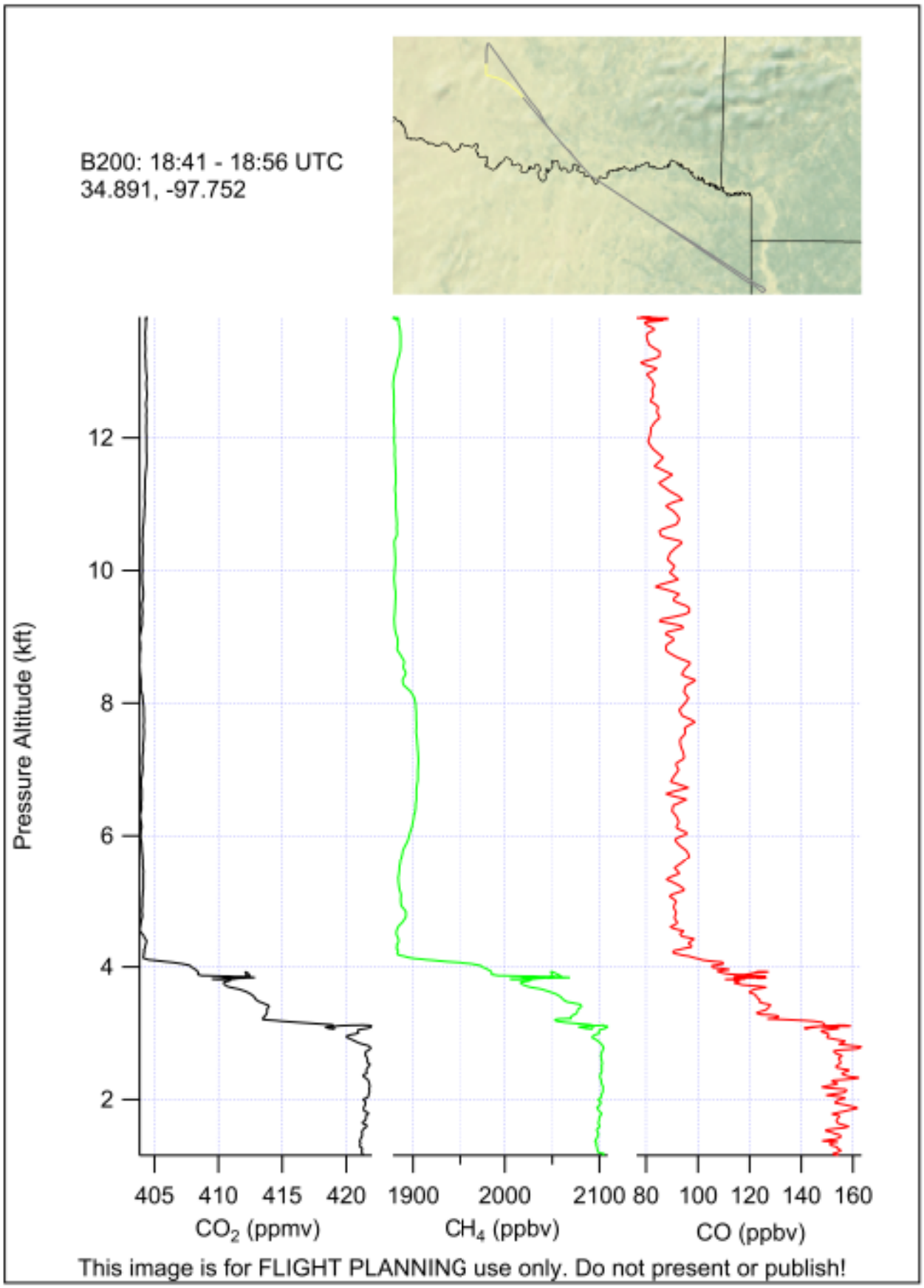

C130: 20:14 - 20:21 UTC
34.796, -93.324
Pressure Altitude (kft)
6
5
4
3
2
407 408 409 410 411 412
CO2 (ppmv)
1960 1970 1980
CH4 (ppbv)
110 120 130
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

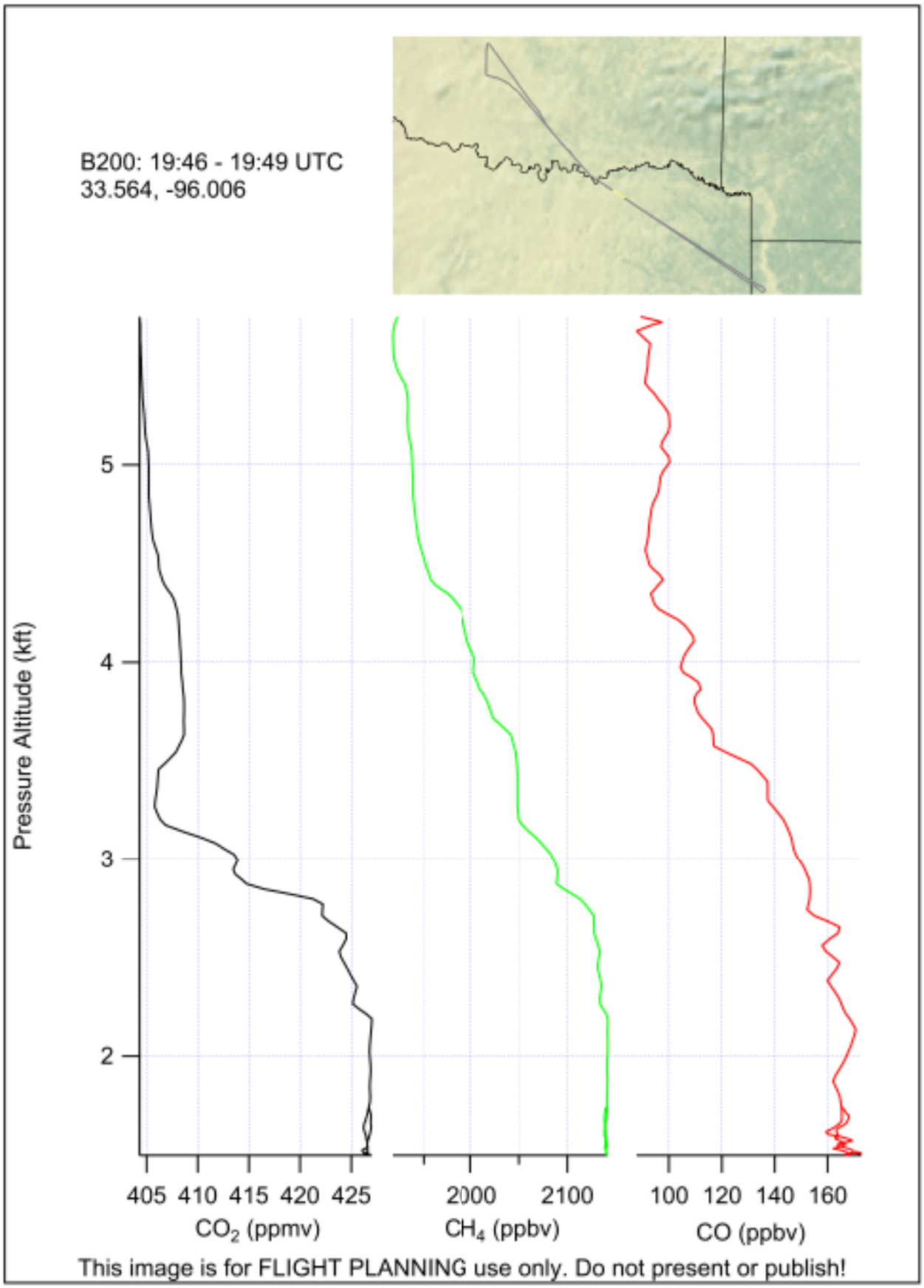

C130: 20:21 - 20:24 UTC
34.499, -93.346
Pressure Altitude (kft)
6
5
4
3
407.5
410.0
1950
1975
110
120
130
CO2 (ppmv)
CH4 (ppbv)
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

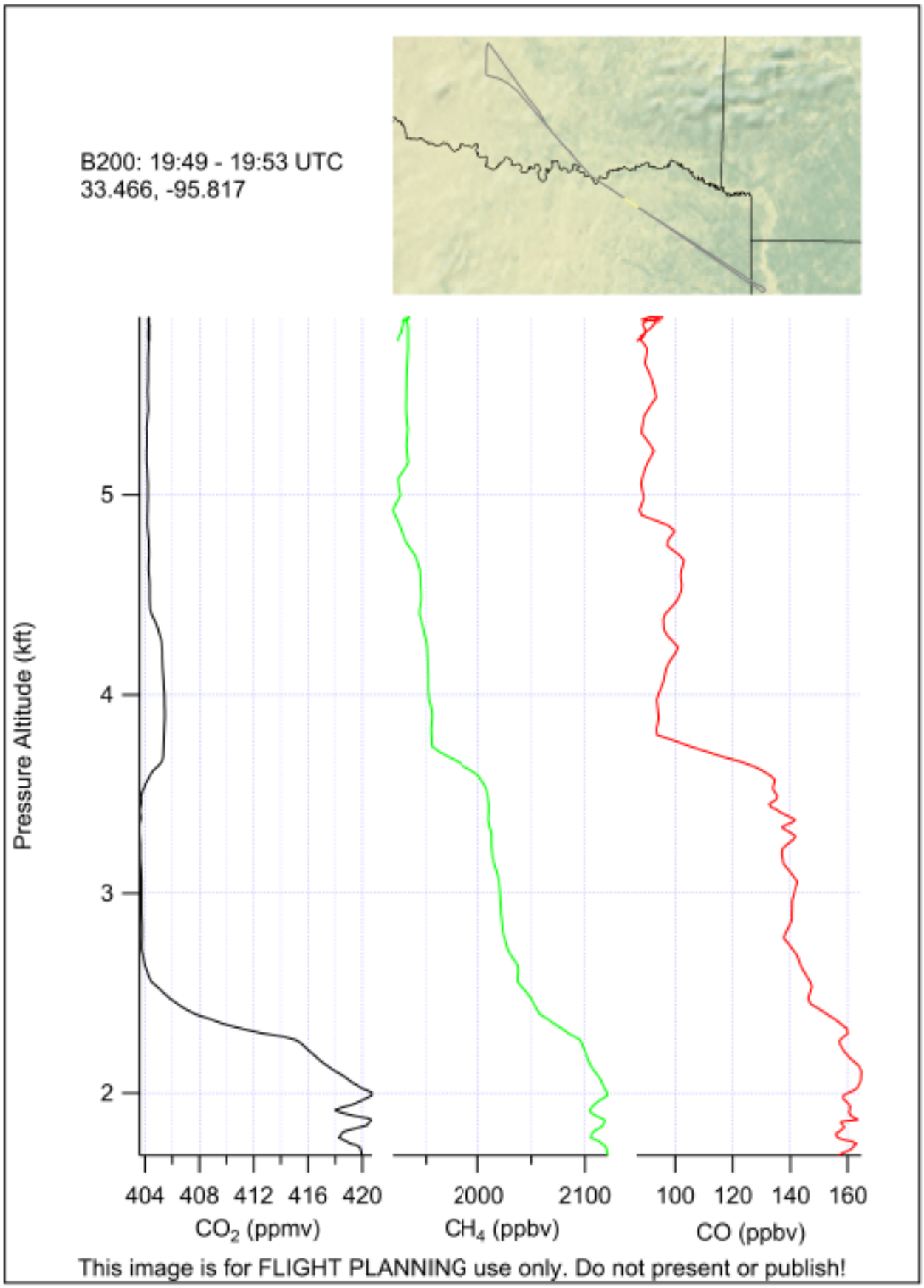

B200: 17:29 - 17:45 UTC
32.618, -94.221
Pressure Altitude (kft)
10
8
6
4
2
404 406 408 410
CO2 (ppmv)
1900 2000 2100 2200
CH4 (ppbv)
50 60 70
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

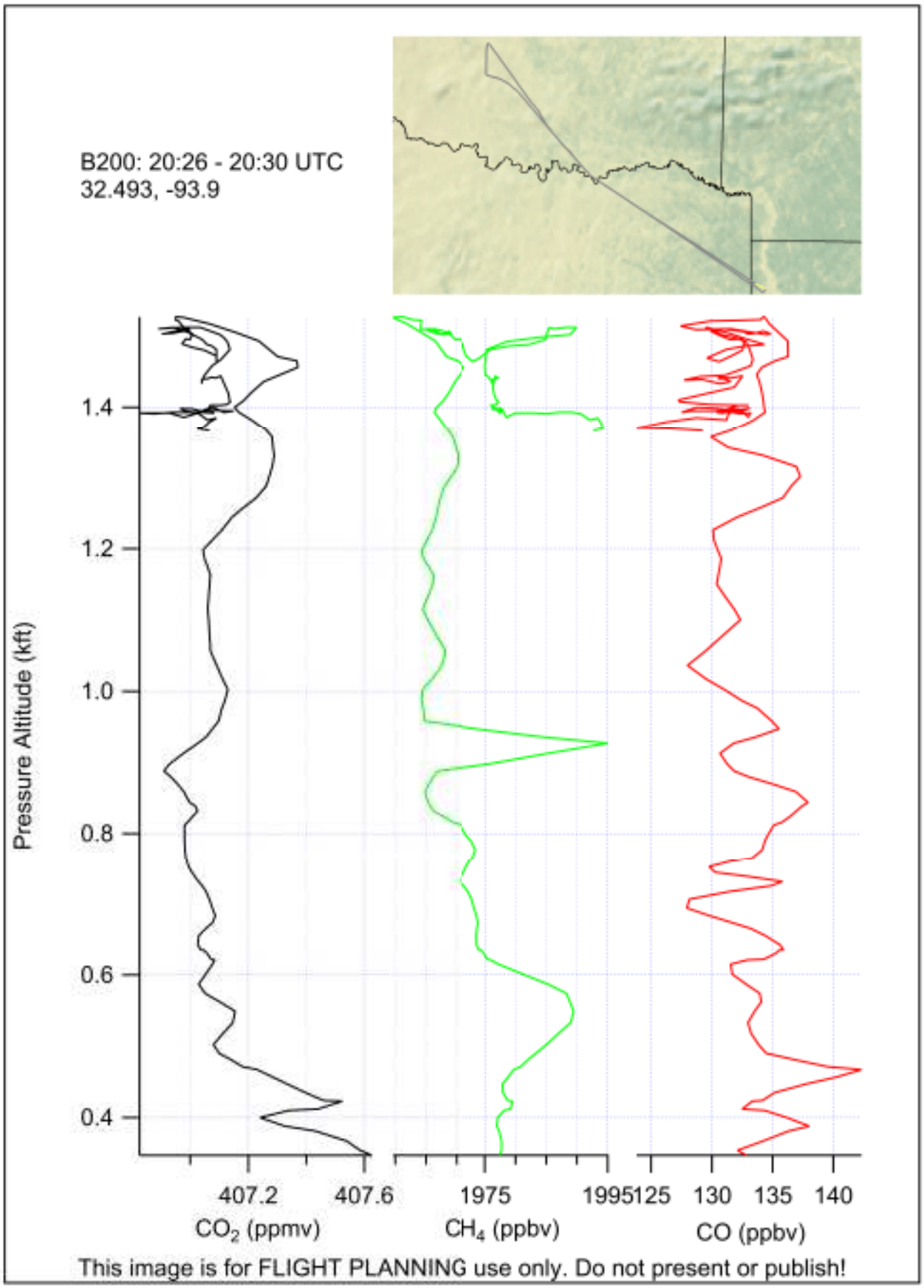

B200: 17:49 - 17:58 UTC
33.114, -95.149
Pressure Altitude (kft)
10
8
6
4
404
406
408
CO2 (ppmv)
1920
1960
CH4 (ppbv)
90
100
110
120
130
140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

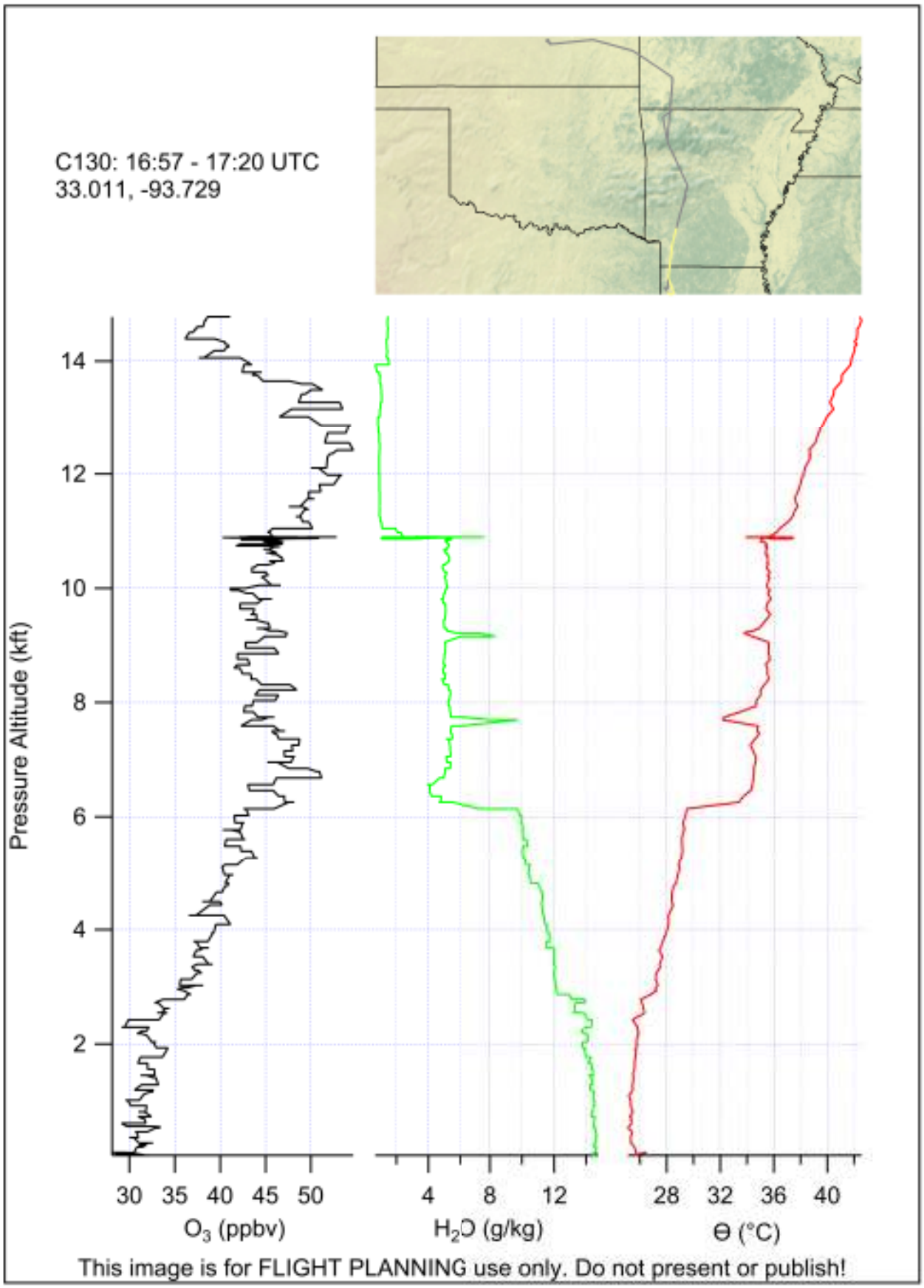

B200: 18:01 - 18:40 UTC
33.912, -96.482
Pressure Altitude (kft)
12
10
8
6
4
404
406
408
410
CO2 (ppmv)
1900
2000
CH4 (ppbv)
80
100
120
140
160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

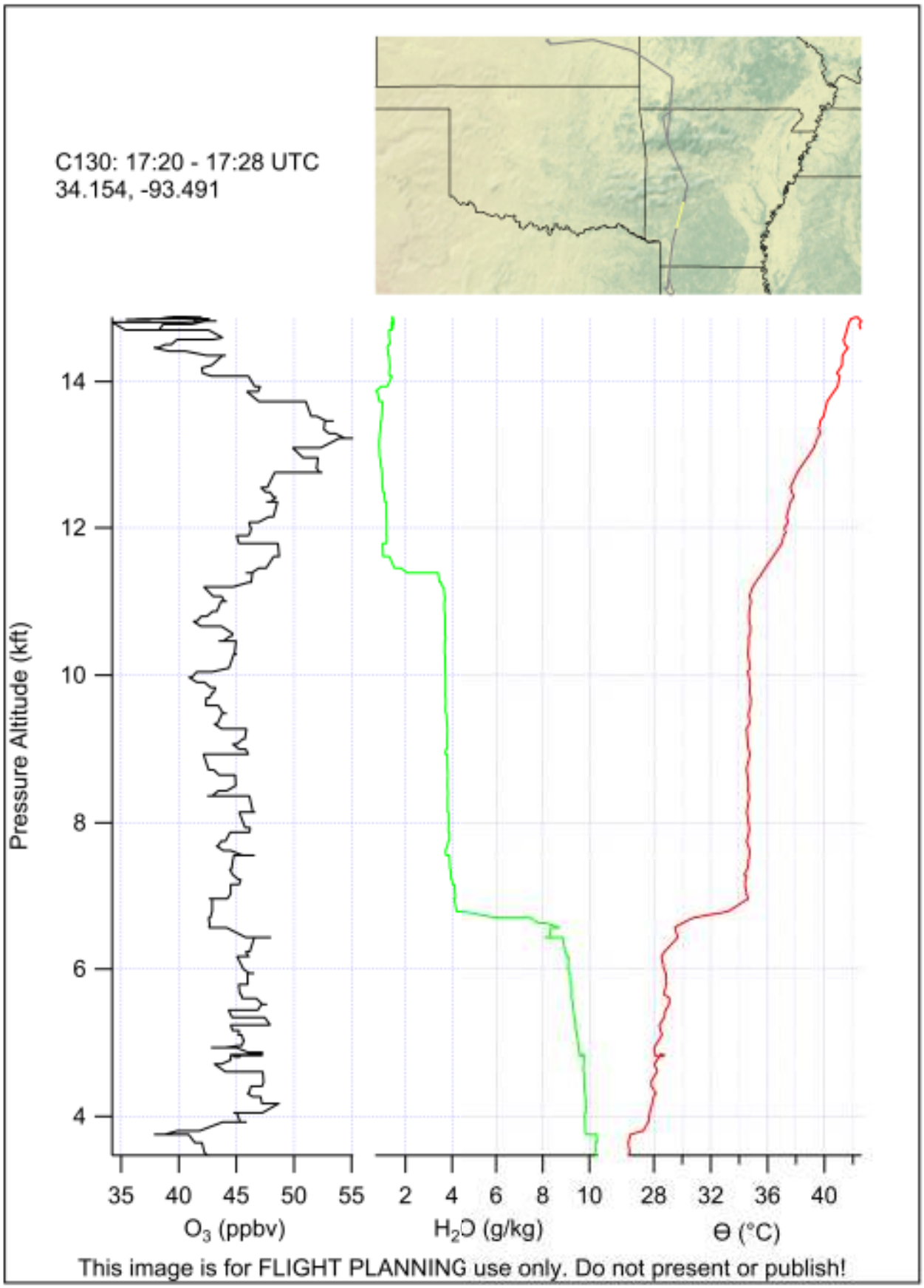

B200: 18:41 - 18:56 UTC
34.891, -97.752
Pressure Altitude (kft)
12
10
8
6
4
2
405 410 415 420
CO2 (ppmv)
1900 2000 2100
CH4 (ppbv)
80 100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

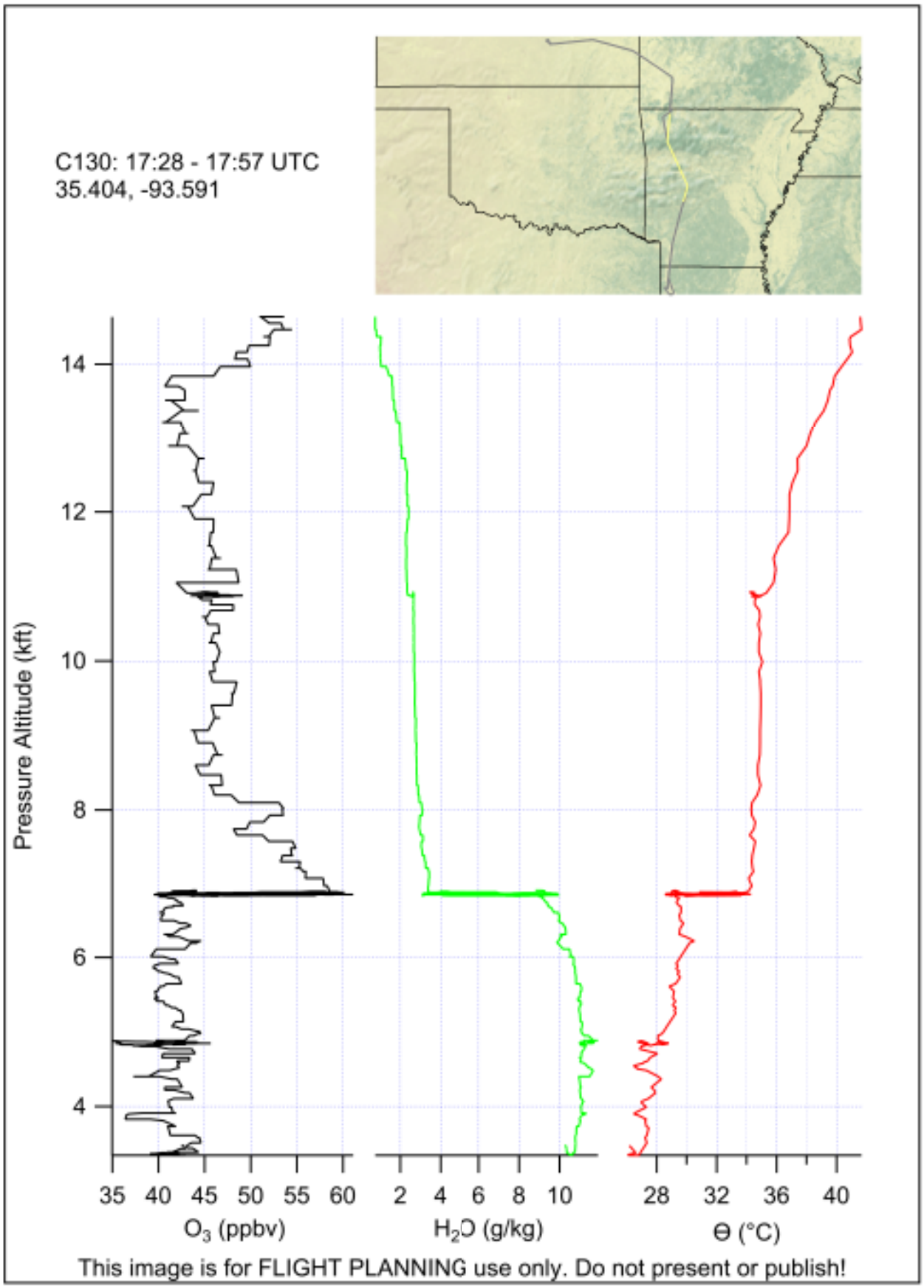

B200: 19:46 - 19:49 UTC
33.564, -96.006
Pressure Altitude (kft)
5
4
3
2
405 410 415 420 425
CO2 (ppmv)
2000 2100
CH4 (ppbv)
100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

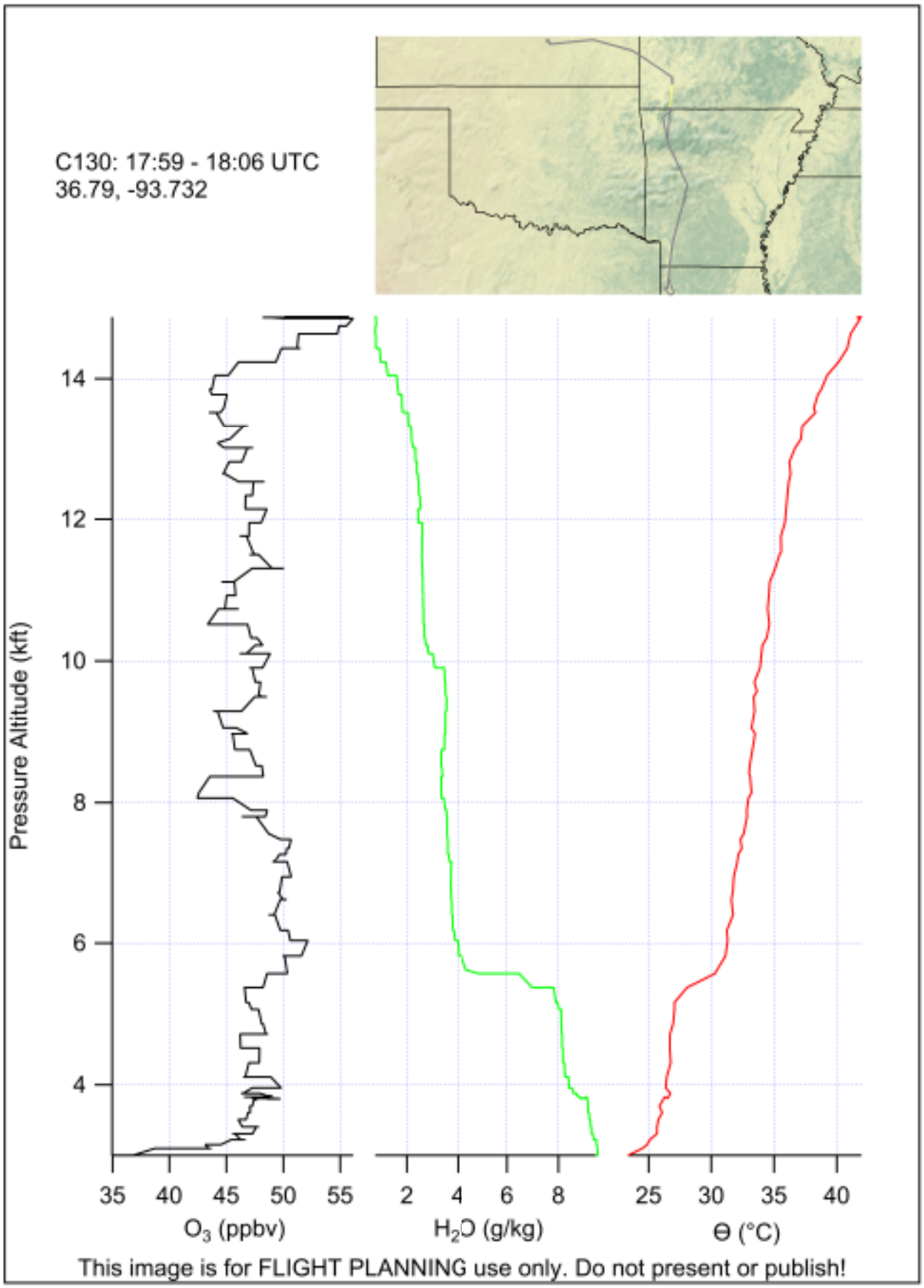

B200: 19:49 - 19:53 UTC
33.466, -95.817
Pressure Altitude (kft)
5
4
3
2
404 408 412 416 420
CO2 (ppmv)
2000 2100
CH4 (ppbv)
100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

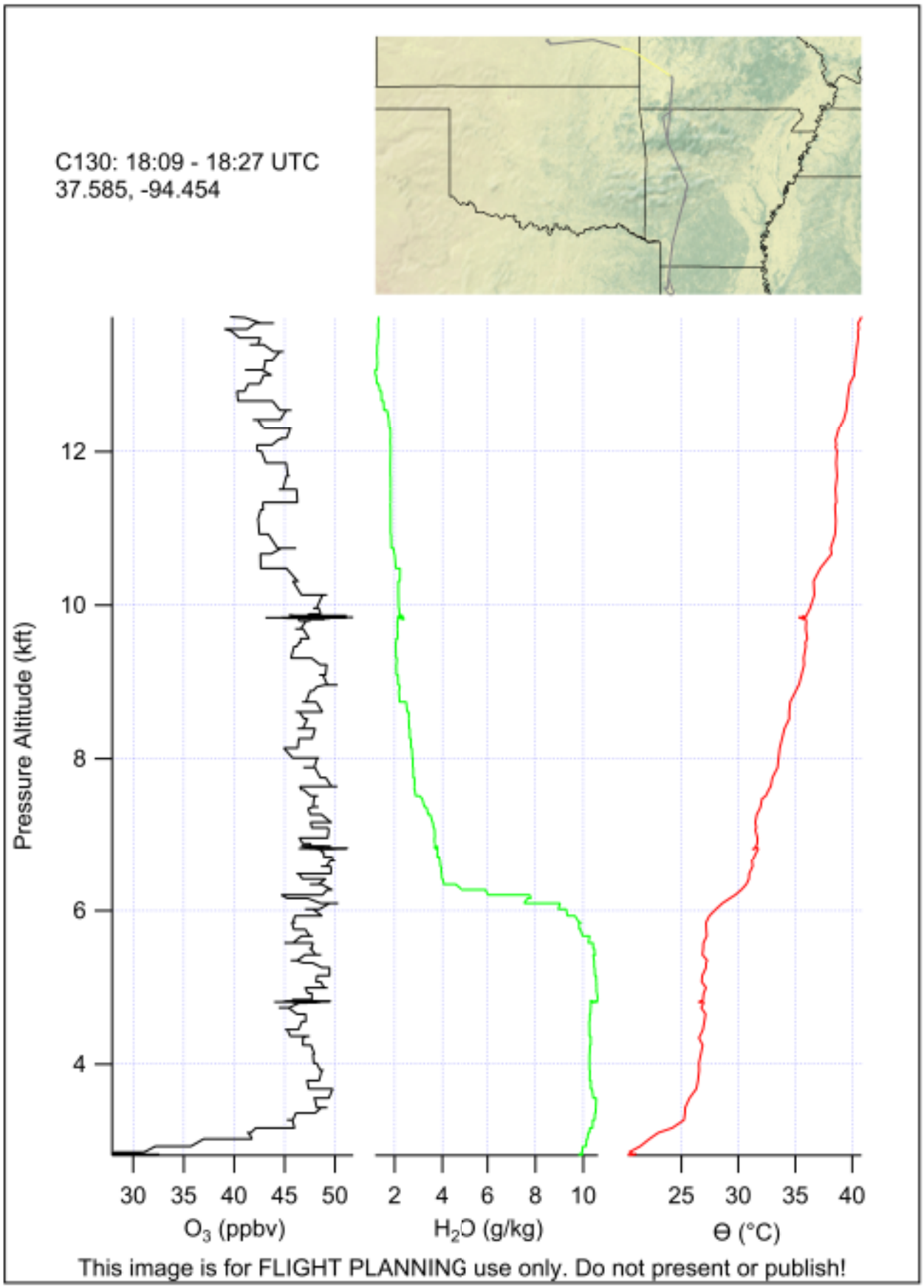

B200: 20:26 - 20:30 UTC
32.493, -93.9
Pressure Altitude (kft)
1.4
1.2
1.0
0.8
0.6
0.4
407.2
407.6
CO2 (ppmv)
1975
1995
CH4 (ppbv)
125
130
135
140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

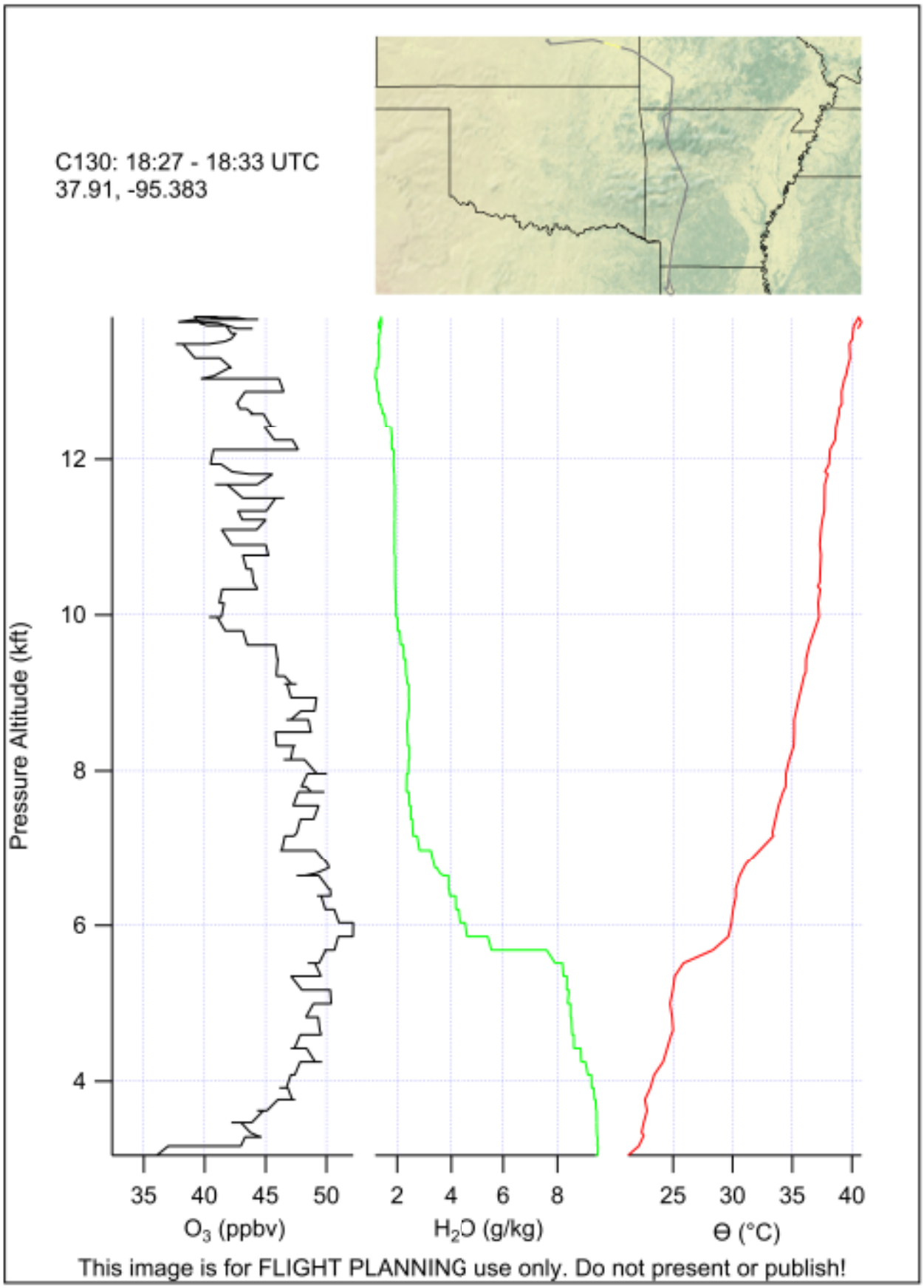

C130: 16:57 - 17:20 UTC
33.011, -93.729
Pressure Altitude (kft)
14
12
10
8
6
4
2
30 35 40 45 50
O3 (ppbv)
4 8 12
H2O (g/kg)
28 32 36 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

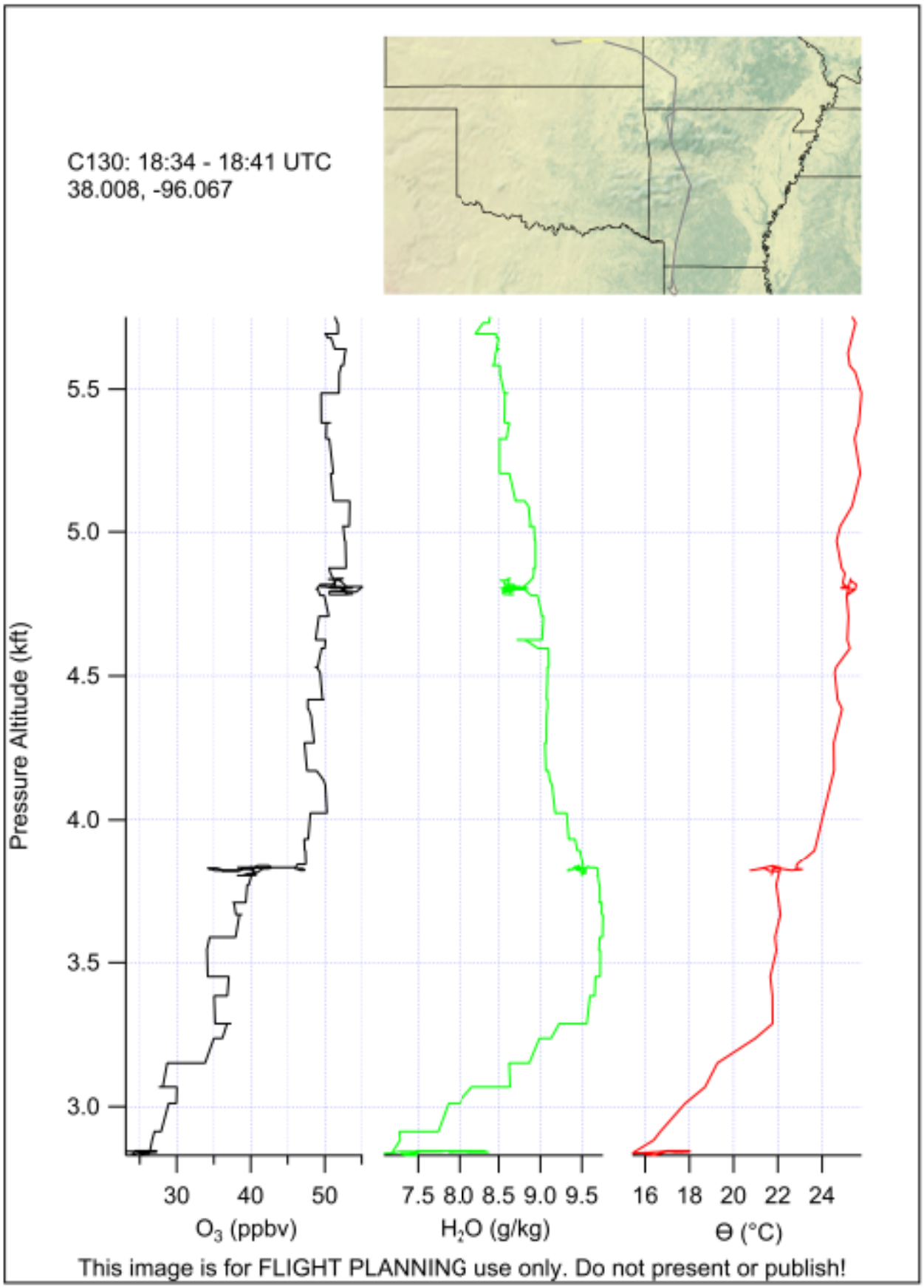

C130: 17:20 - 17:28 UTC
34.154, -93.491
Pressure Altitude (kft)
14
12
10
8
6
4
35 40 45 50 55
O3 (ppbv)
2 4 6 8 10
H2O (g/kg)
28 32 36 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

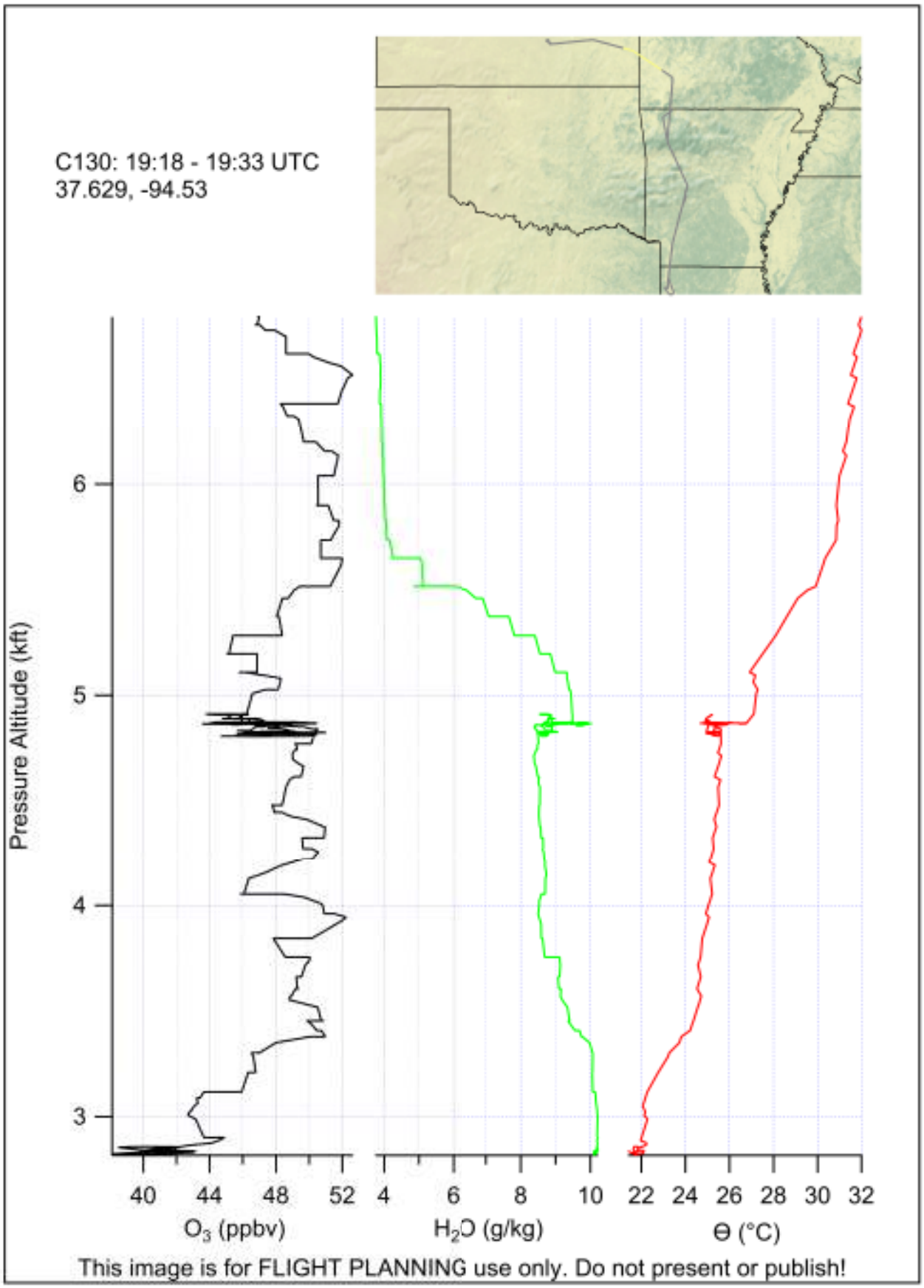

C130: 17:28 - 17:57 UTC
35.404, -93.591
Pressure Altitude (kft)
14
12
10
8
6
4
35 40 45 50 55 60
O3 (ppbv)
2 4 6 8 10
H2O (g/kg)
28 32 36 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

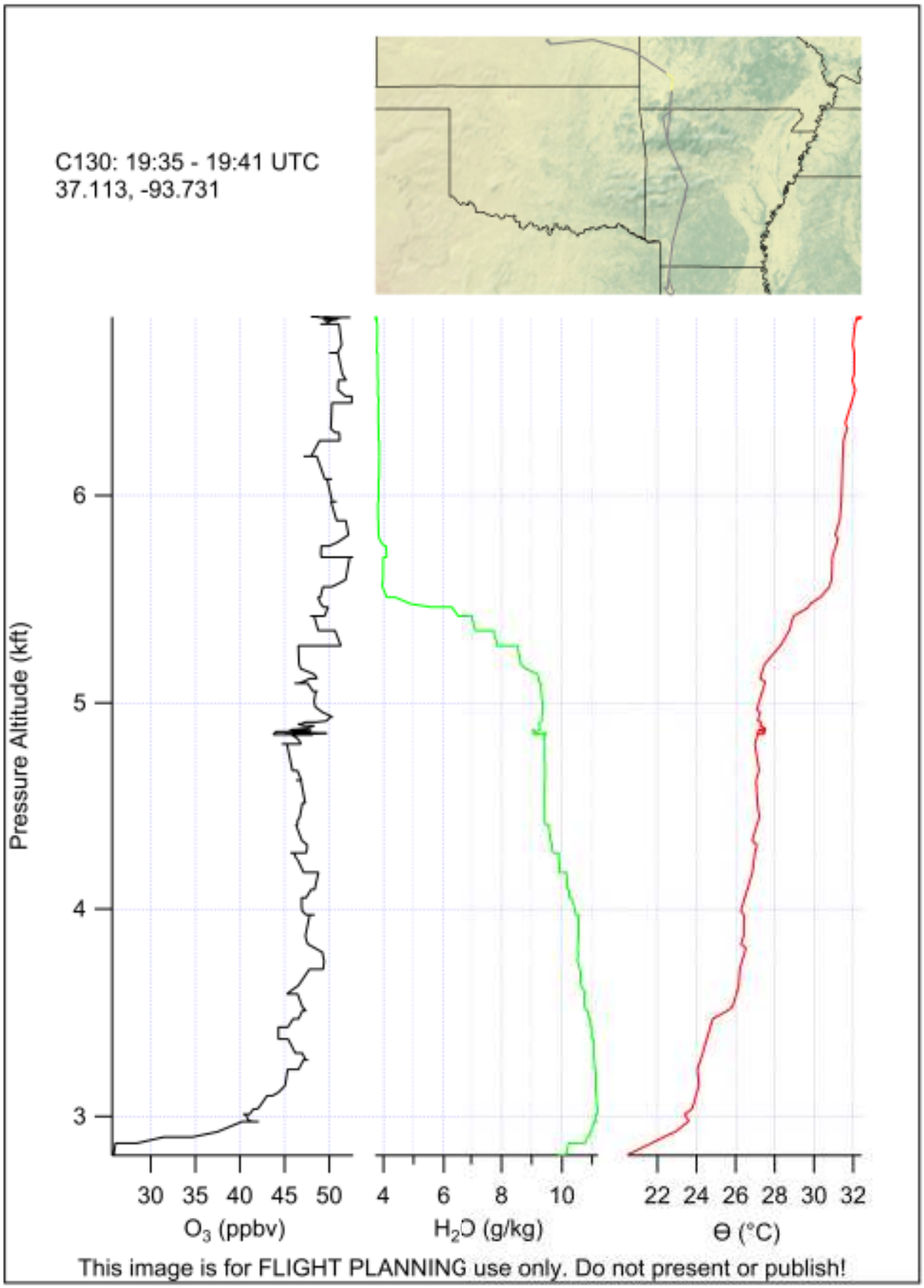

C130: 17:59 - 18:06 UTC
36.79, -93.732
Pressure Altitude (kft)
14
12
10
8
6
4
35 40 45 50 55
O3 (ppbv)
2 4 6 8
H2O (g/kg)
25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

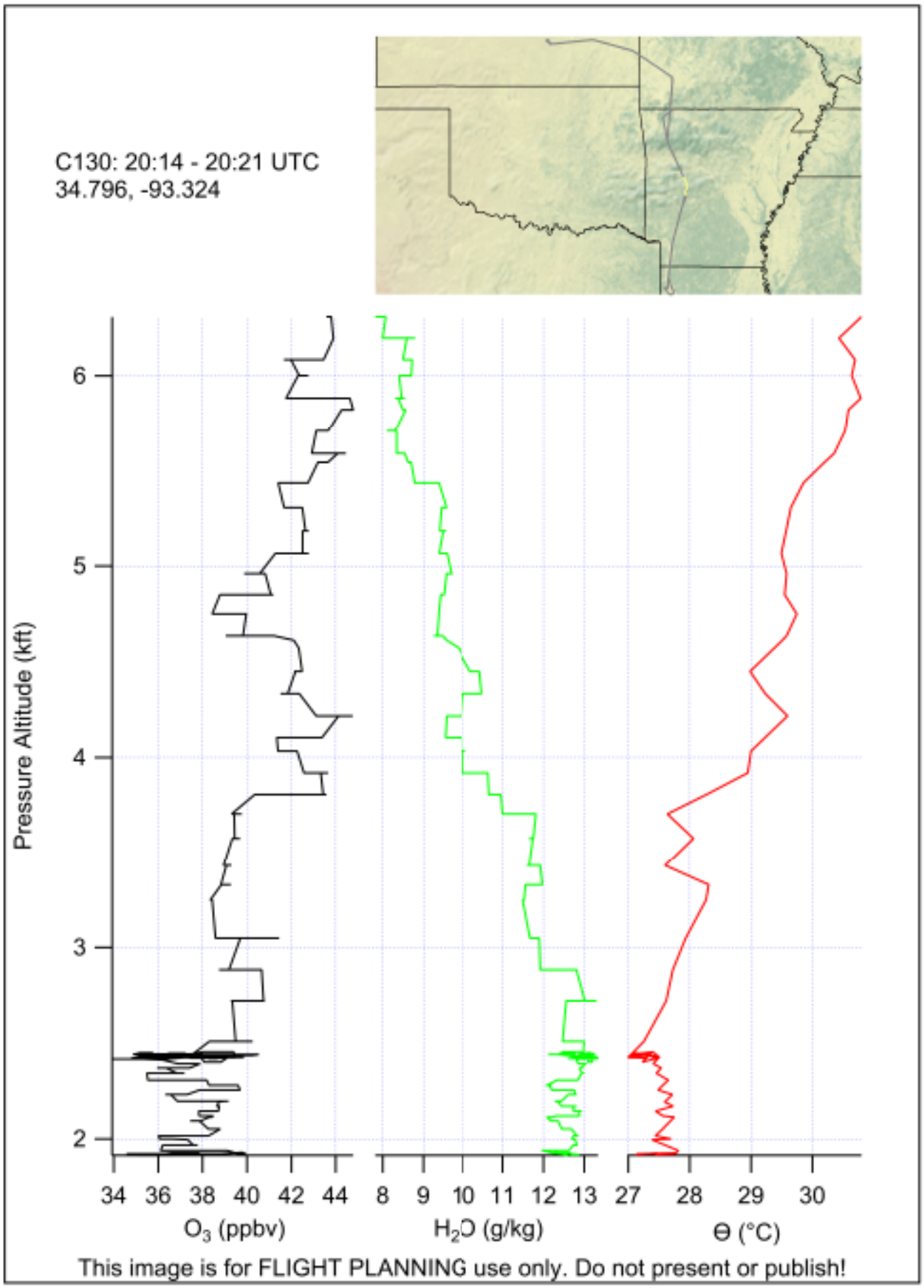

C130: 18:09 - 18:27 UTC
37.585, -94.454
Pressure Altitude (kft)
12
10
8
6
4
30 35 40 45 50
O3 (ppbv)
2 4 6 8 10
H2O (g/kg)
25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

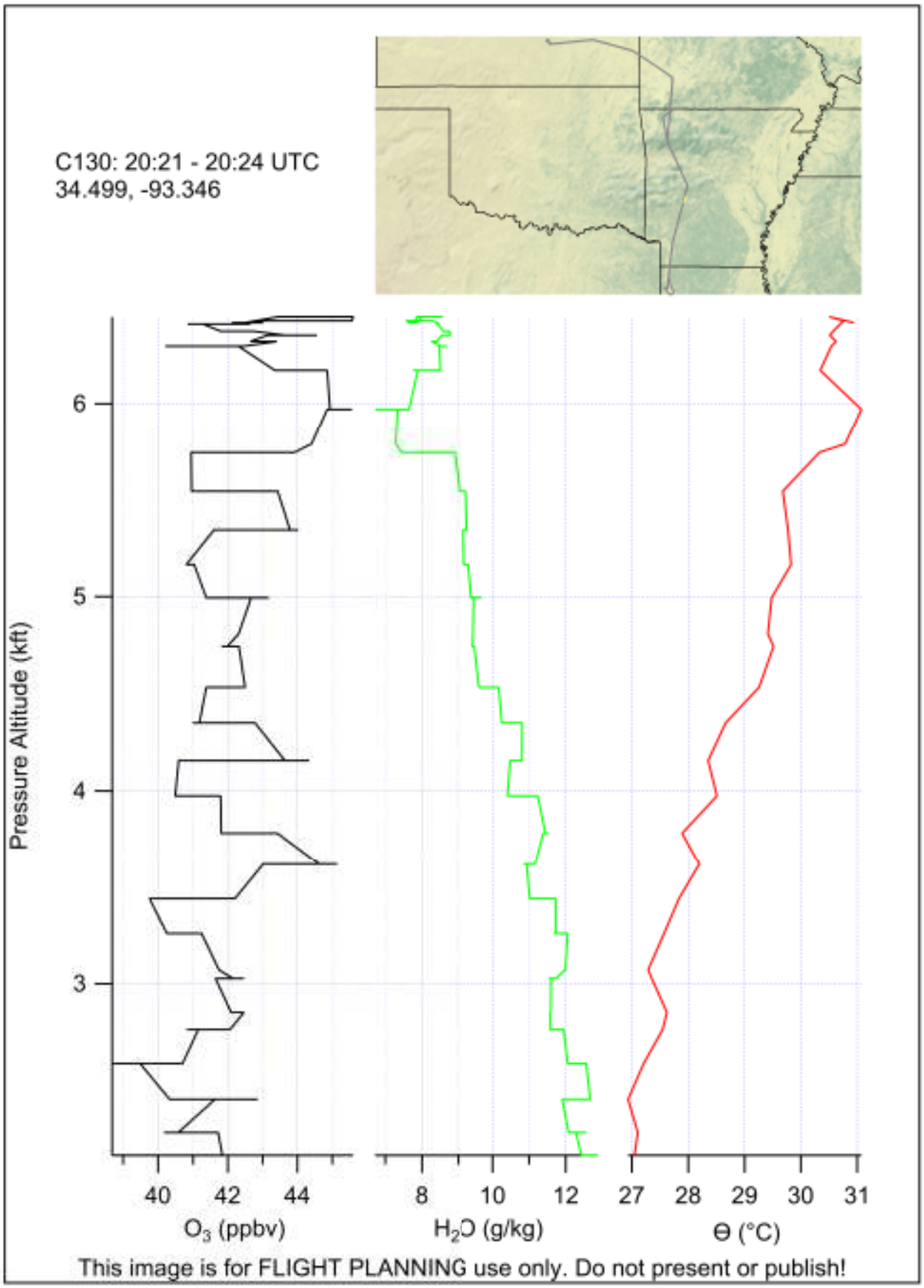

C130: 18:27 - 18:33 UTC
37.91, -95.383
Pressure Altitude (kft)
12
10
8
6
4
35
40
45
50
O3 (ppbv)
2
4
6
8
H2O (g/kg)
25
30
35
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

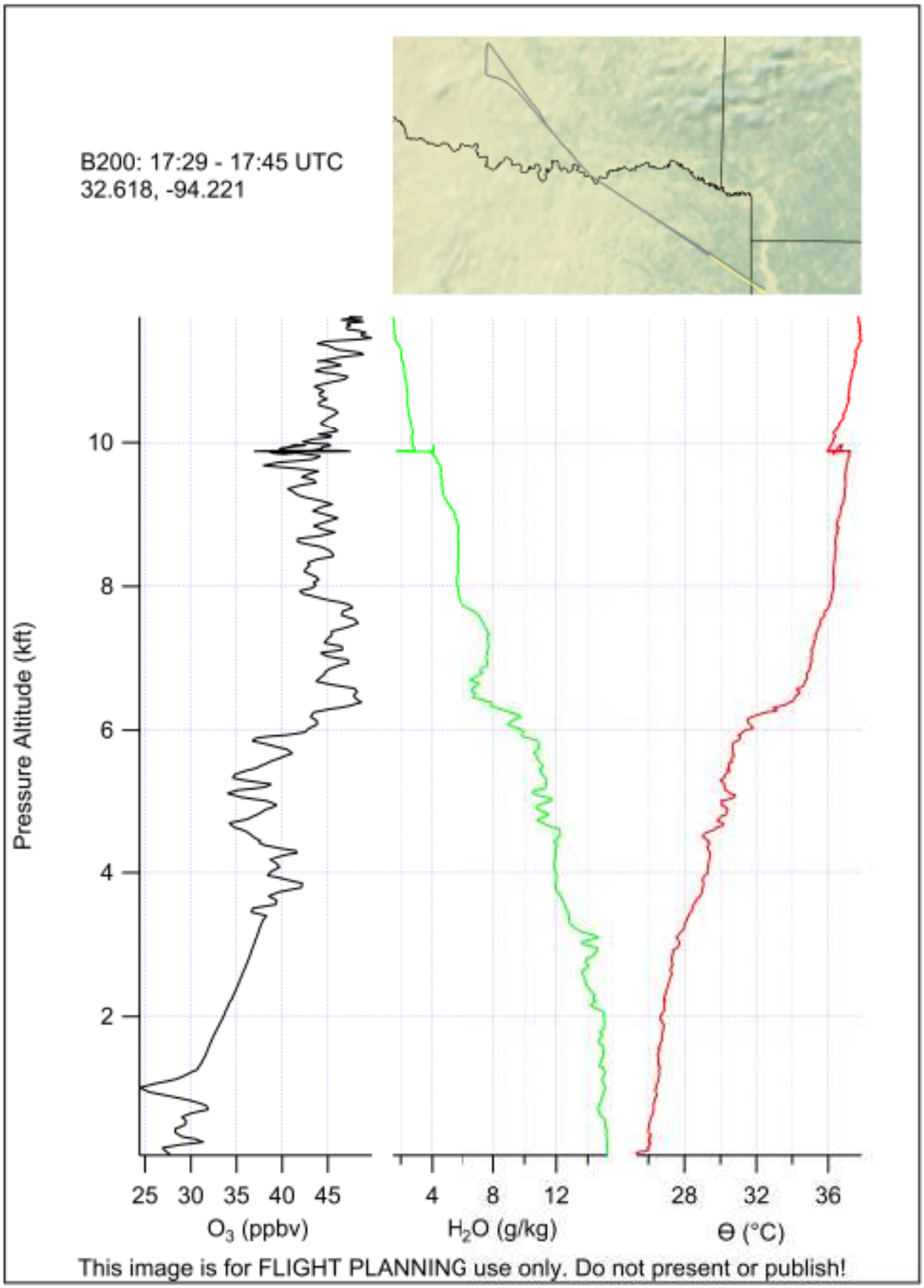

C130: 18:34 - 18:41 UTC
38.008, -96.067
Pressure Altitude (kft)
5.5
5.0
4.5
4.0
3.5
3.0
30 40 50
O3 (ppbv)
7.5 8.0 8.5 9.0 9.5
H2O (g/kg)
16 18 20 22 24
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

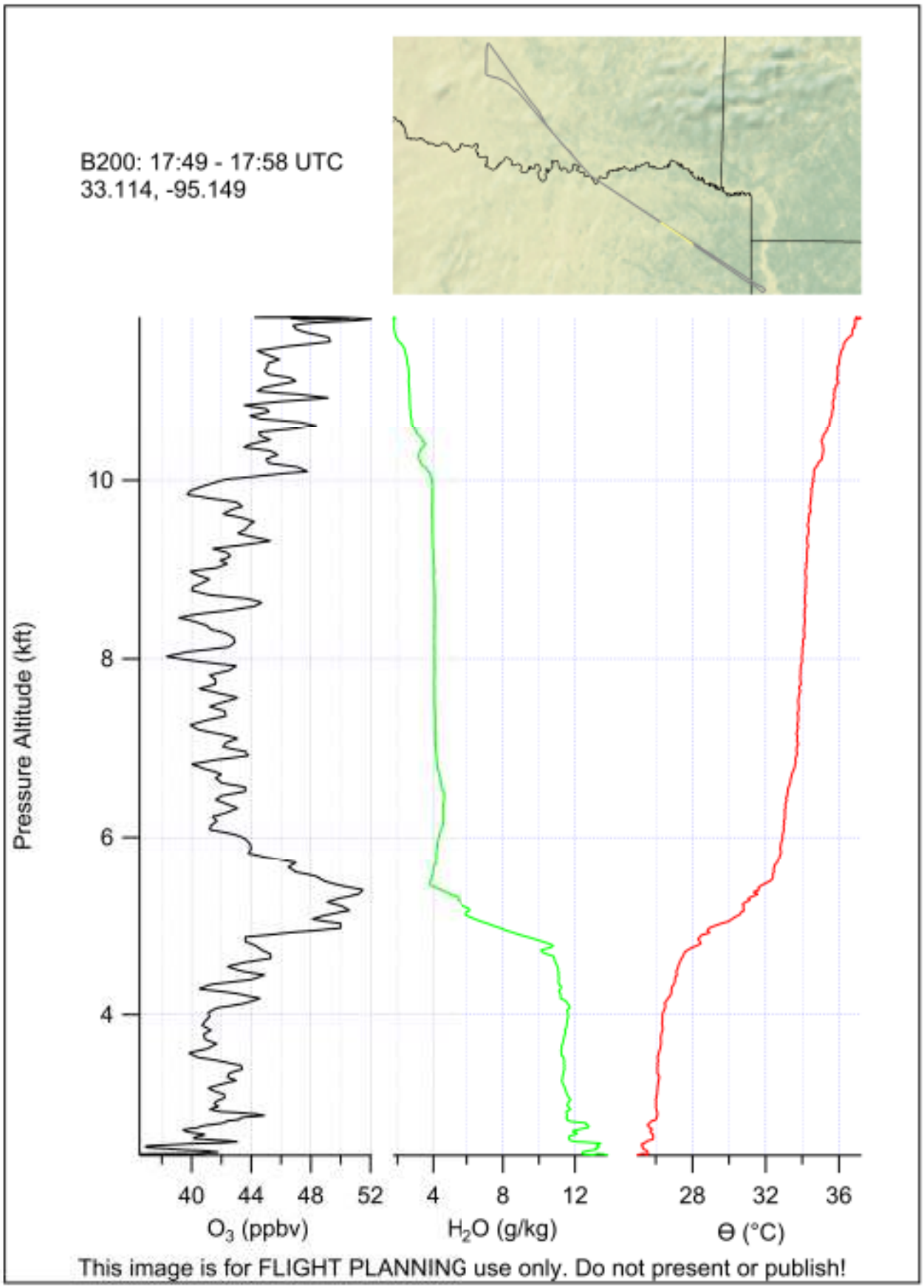

C130: 19:18 - 19:33 UTC
37.629, -94.53
Pressure Altitude (kft)
6
5
4
3
40
44
48
52
O_3 (ppbv)
4
6
8
10
H_2O (g/kg)
22
24
26
28
30
32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

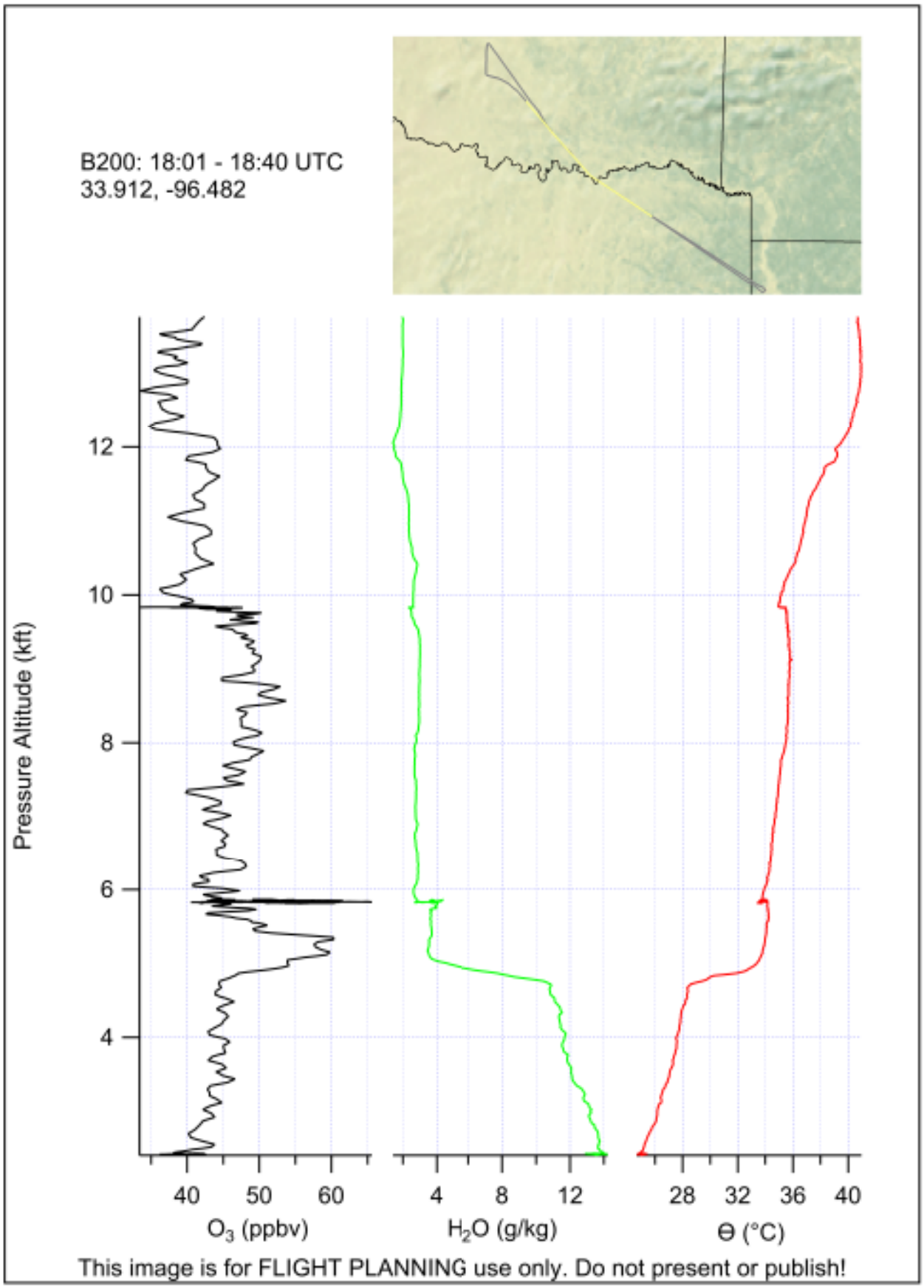

C130: 19:35 - 19:41 UTC
37.113, -93.731
Pressure Altitude (kft)
6
5
4
3
30 35 40 45 50
O3 (ppbv)
4 6 8 10
H2O (g/kg)
22 24 26 28 30 32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

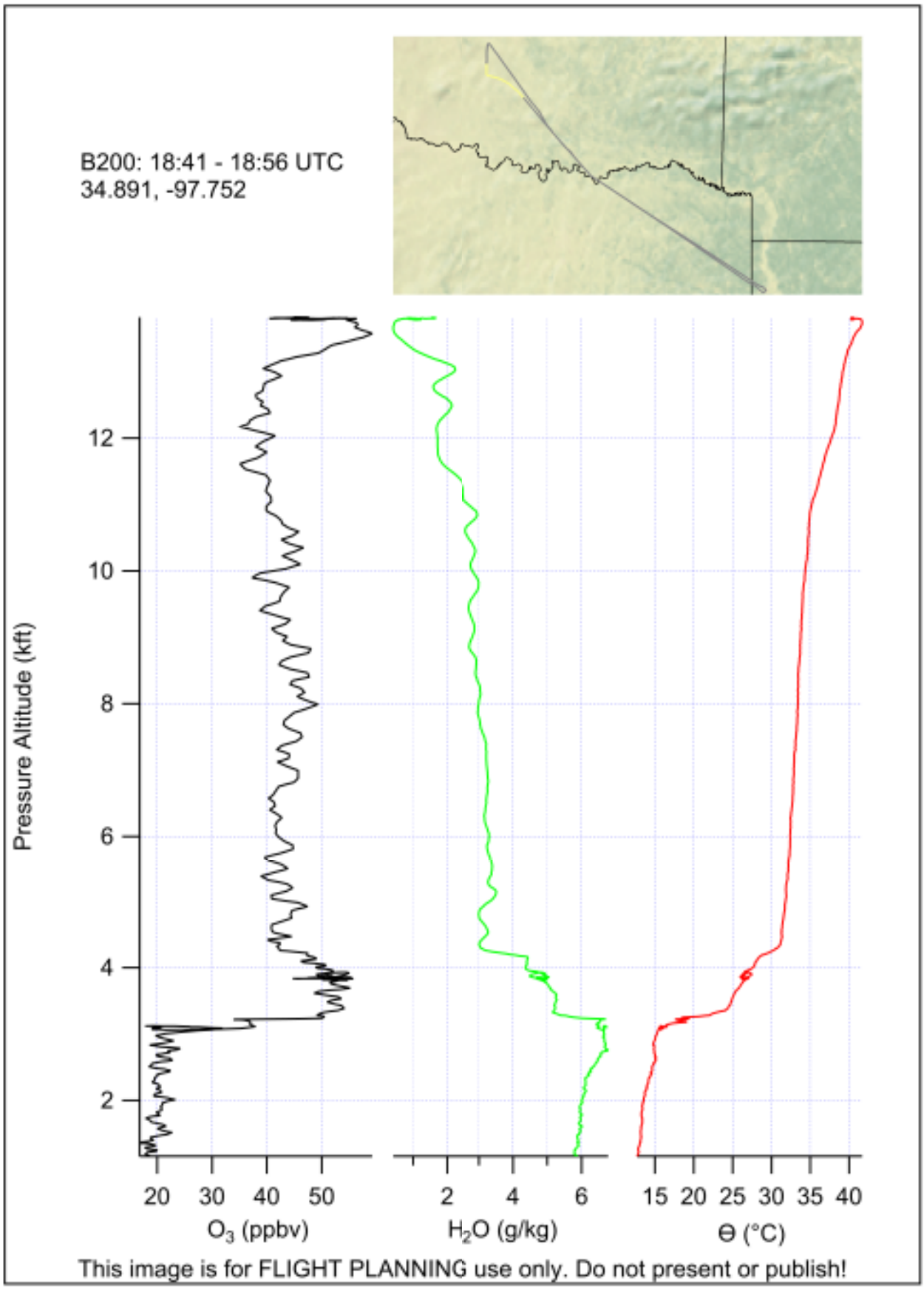

C130: 20:14 - 20:21 UTC
34.796, -93.324
Pressure Altitude (kft)
6
5
4
3
2
34 36 38 40 42 44
O3 (ppbv)
8 9 10 11 12 13
H2O (g/kg)
27 28 29 30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

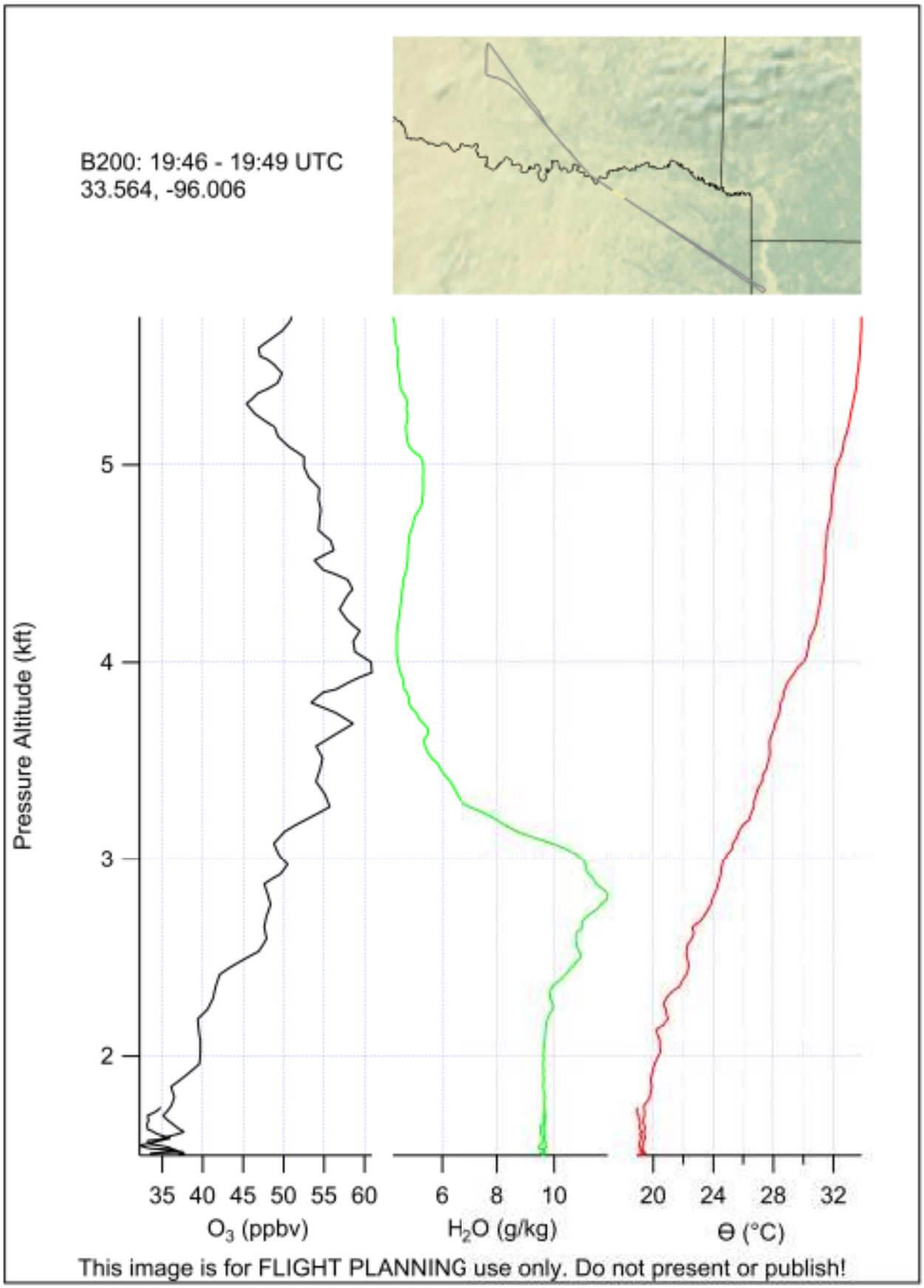

C130: 20:21 - 20:24 UTC
34.499, -93.346
Pressure Altitude (kft)
6
5
4
3
40
42
44
O3 (ppbv)
8
10
12
H2O (g/kg)
27
28
29
30
31
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

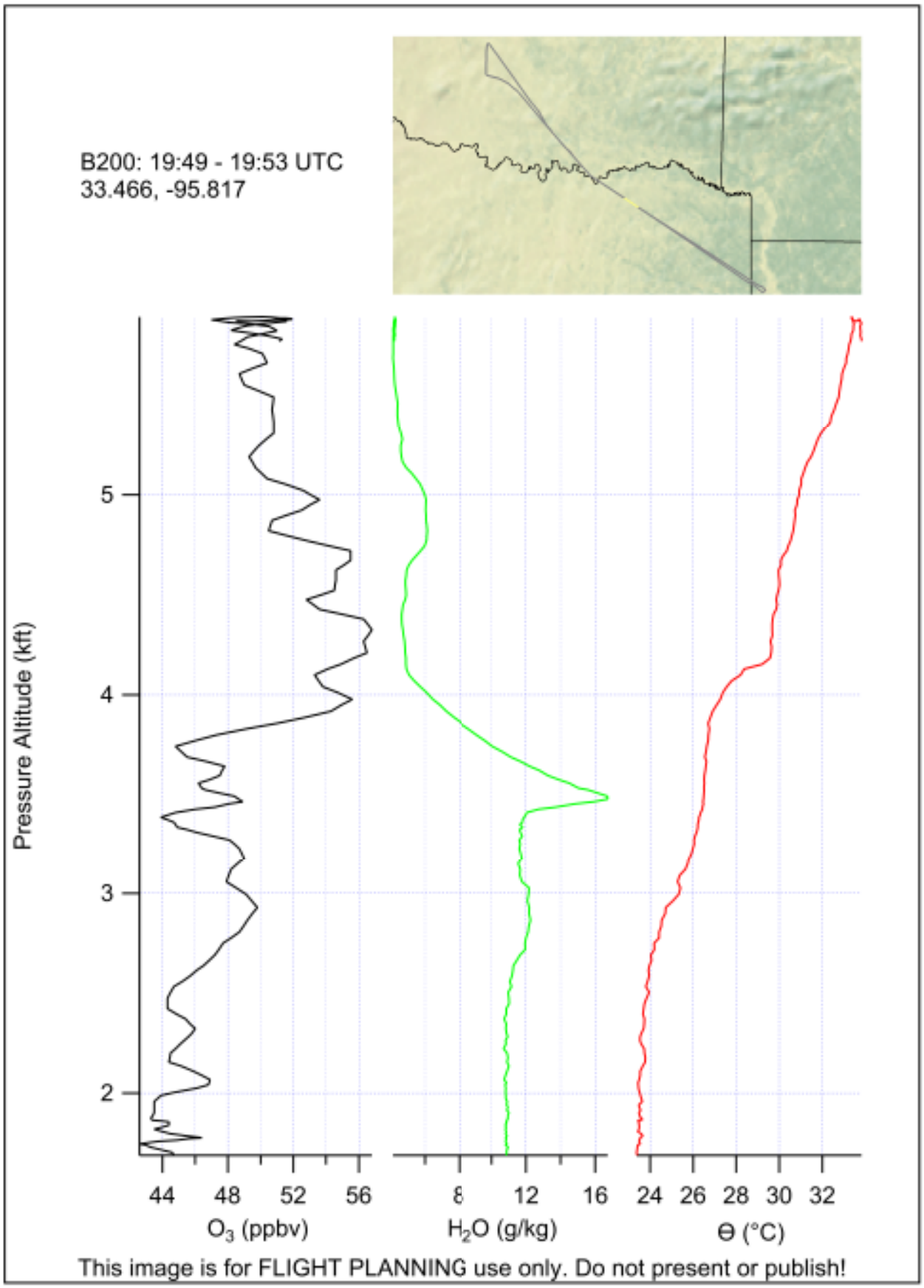

B200: 17:29 - 17:45 UTC
32.618, -94.221
Pressure Altitude (kft)
10
8
6
4
2
25 30 35 40 45
O3 (ppbv)
4 8 12
H2O (g/kg)
28 32 36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

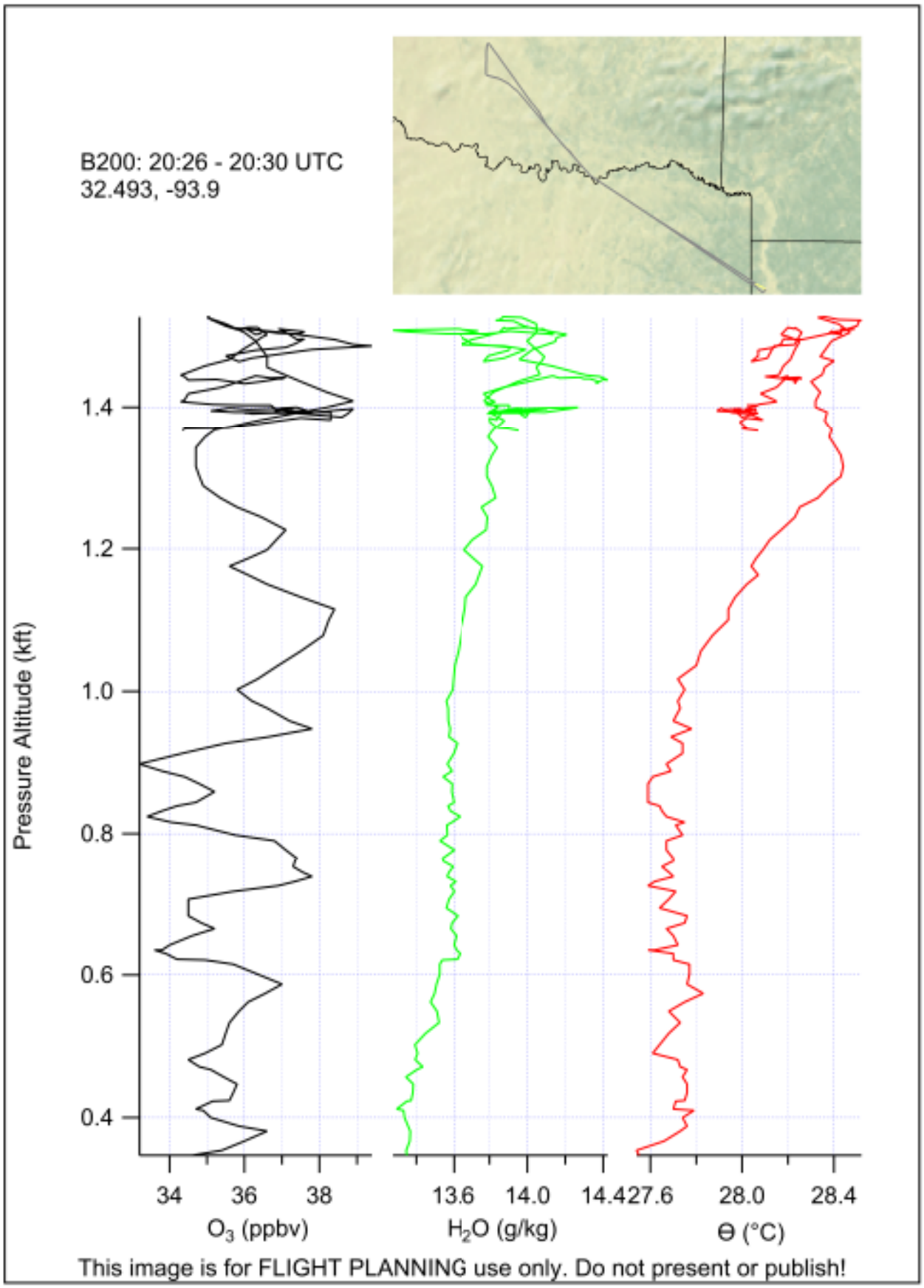

B200: 17:49 - 17:58 UTC
33.114, -95.149
Pressure Altitude (kft)
10
8
6
4
40
44
48
52
O3 (ppbv)
4
8
12
H2O (g/kg)
28
32
36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:01 - 18:40 UTC
33.912, -96.482
Pressure Altitude (kft)
12
10
8
6
4
40
50
60
O3 (ppbv)
4
8
12
H2O (g/kg)
28
32
36
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:41 - 18:56 UTC
34.891, -97.752
Pressure Altitude (kft)
2
4
6
8
10
12
20 30 40 50
O3 (ppbv)
2 4 6
H2O (g/kg)
15 20 25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:46 - 19:49 UTC
33.564, -96.006
Pressure Altitude (kft)
5
4
3
2
35 40 45 50 55 60
O3 (ppbv)
6 8 10
H2O (g/kg)
20 24 28 32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:49 - 19:53 UTC
33.466, -95.817
Pressure Altitude (kft)
5
4
3
2
44
48
52
56
O3 (ppbv)
8
12
16
H2O (g/kg)
24
26
28
30
32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 20:26 - 20:30 UTC
32.493, -93.9
Pressure Altitude (kft)
1.4
1.2
1.0
0.8
0.6
0.4
34
36
38
O3 (ppbv)
13.6
14.0
14.4
H2O (g/kg)
27.6
28.0
28.4
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!