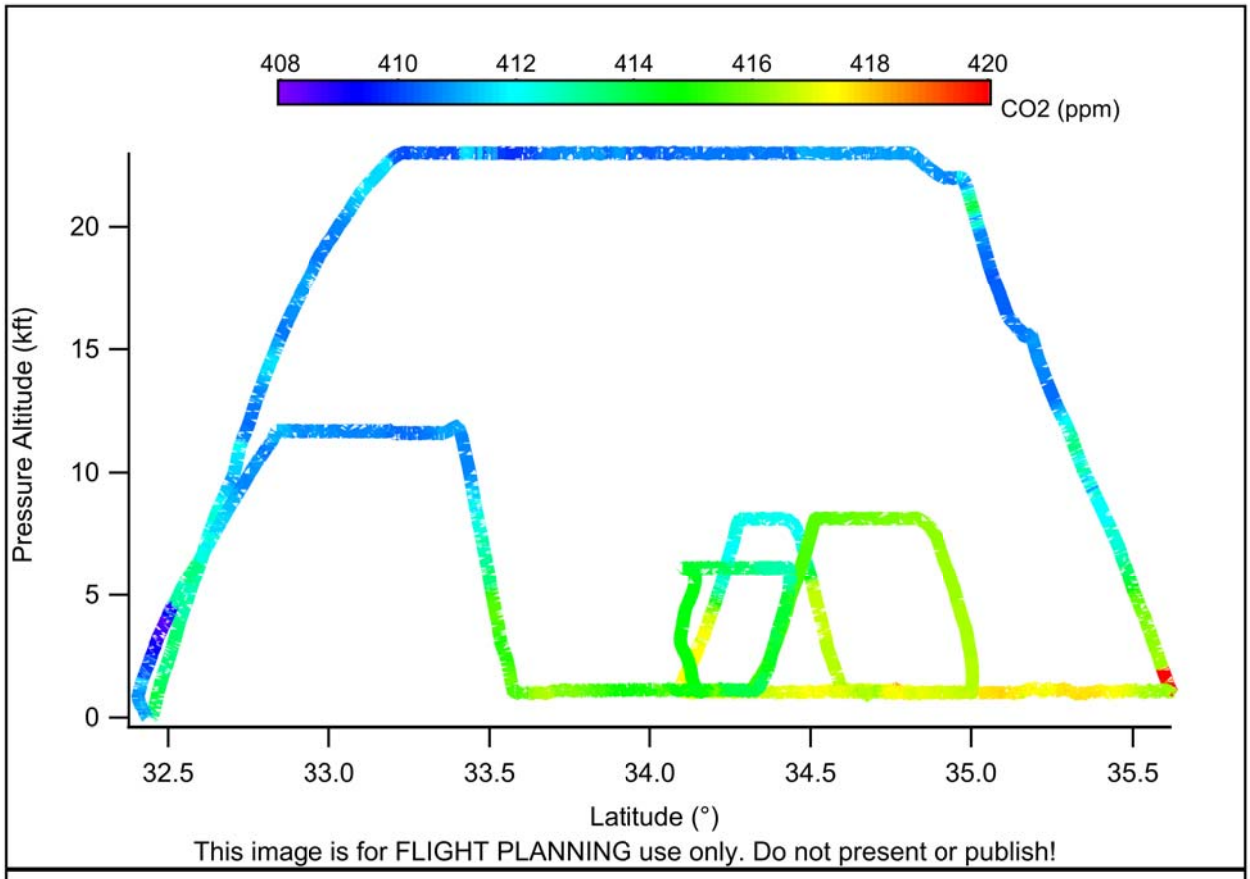
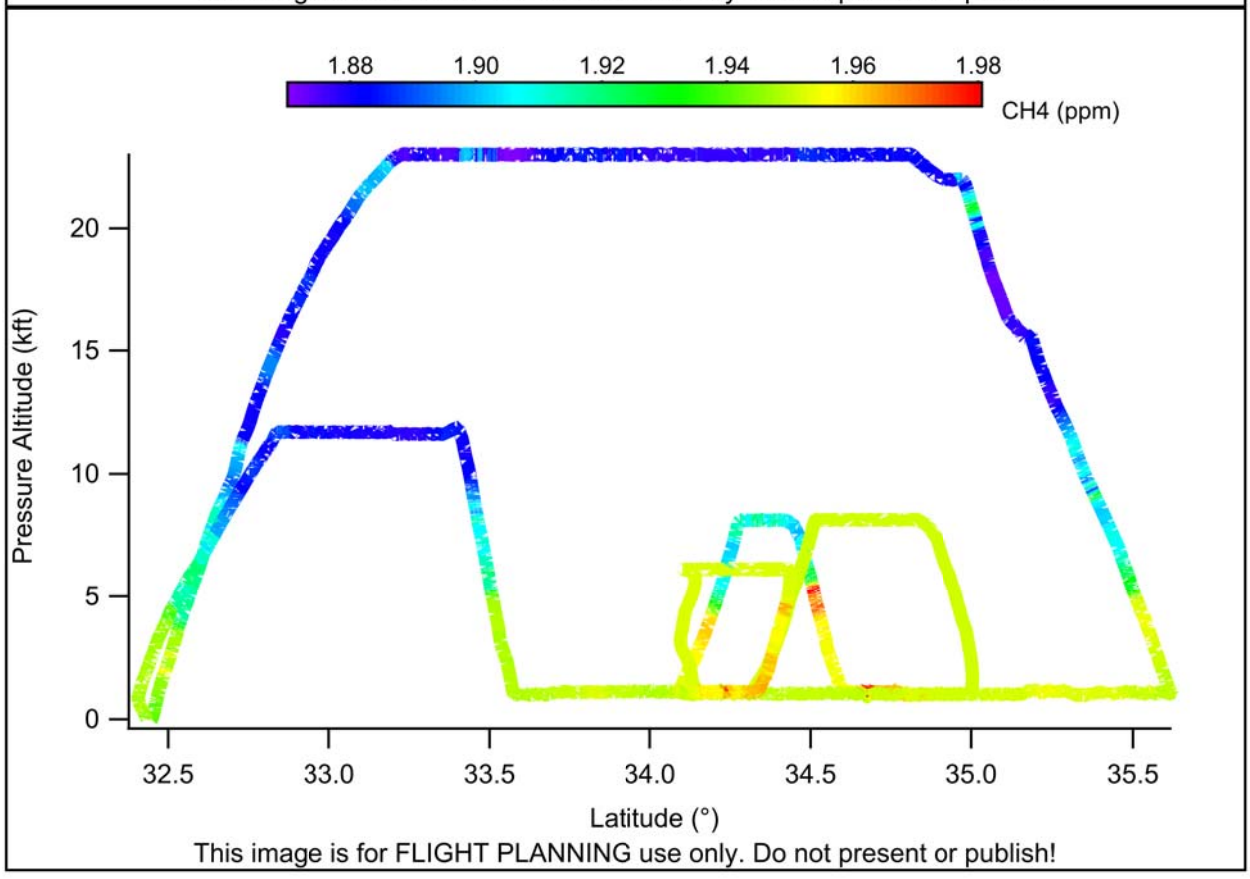
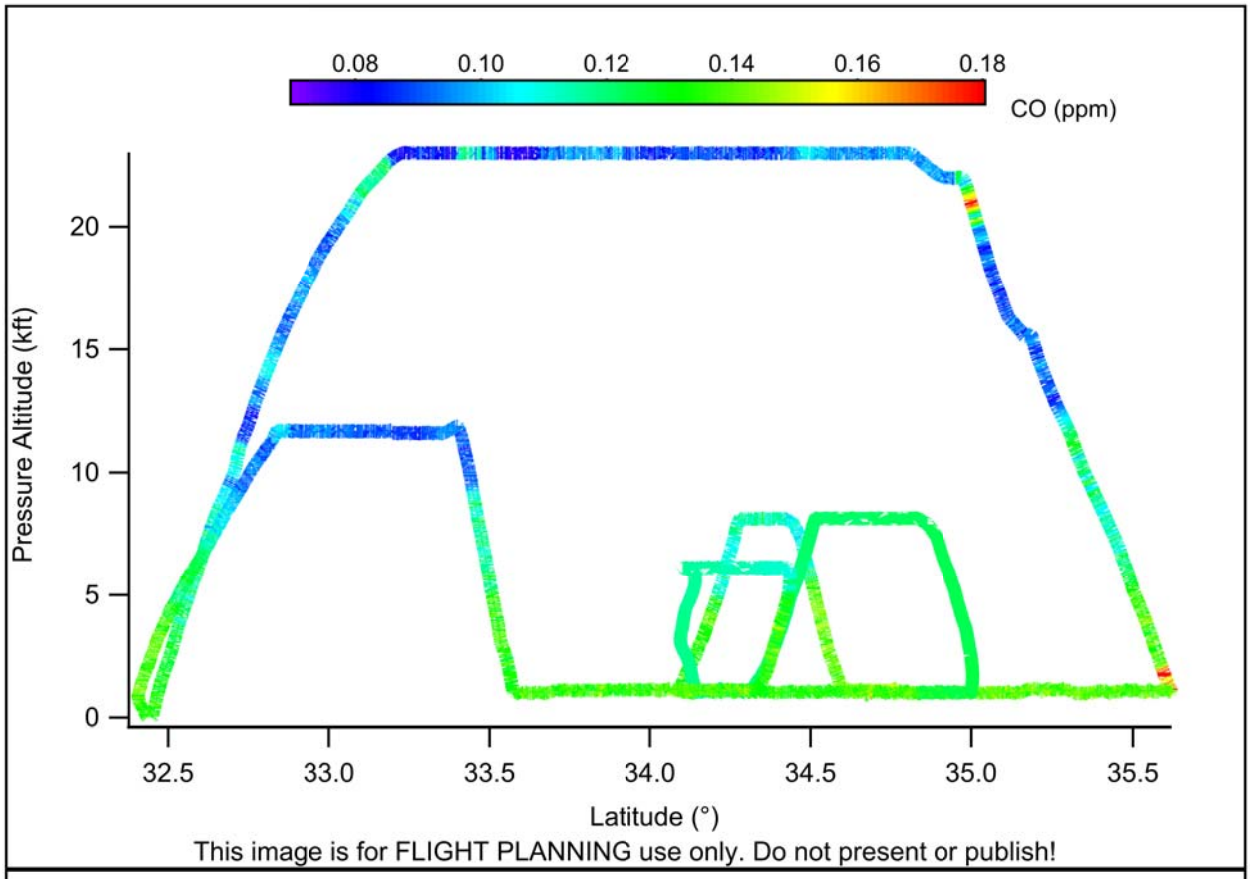
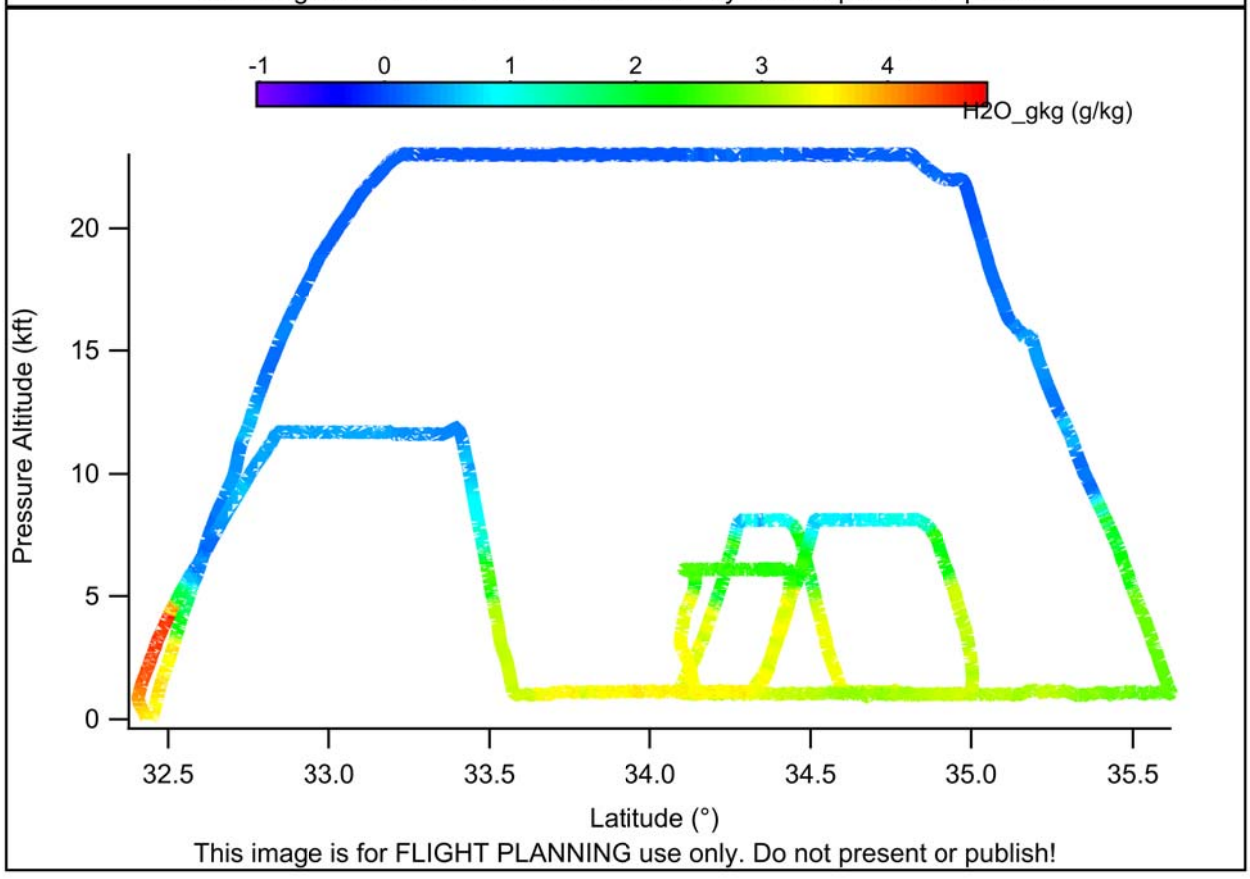
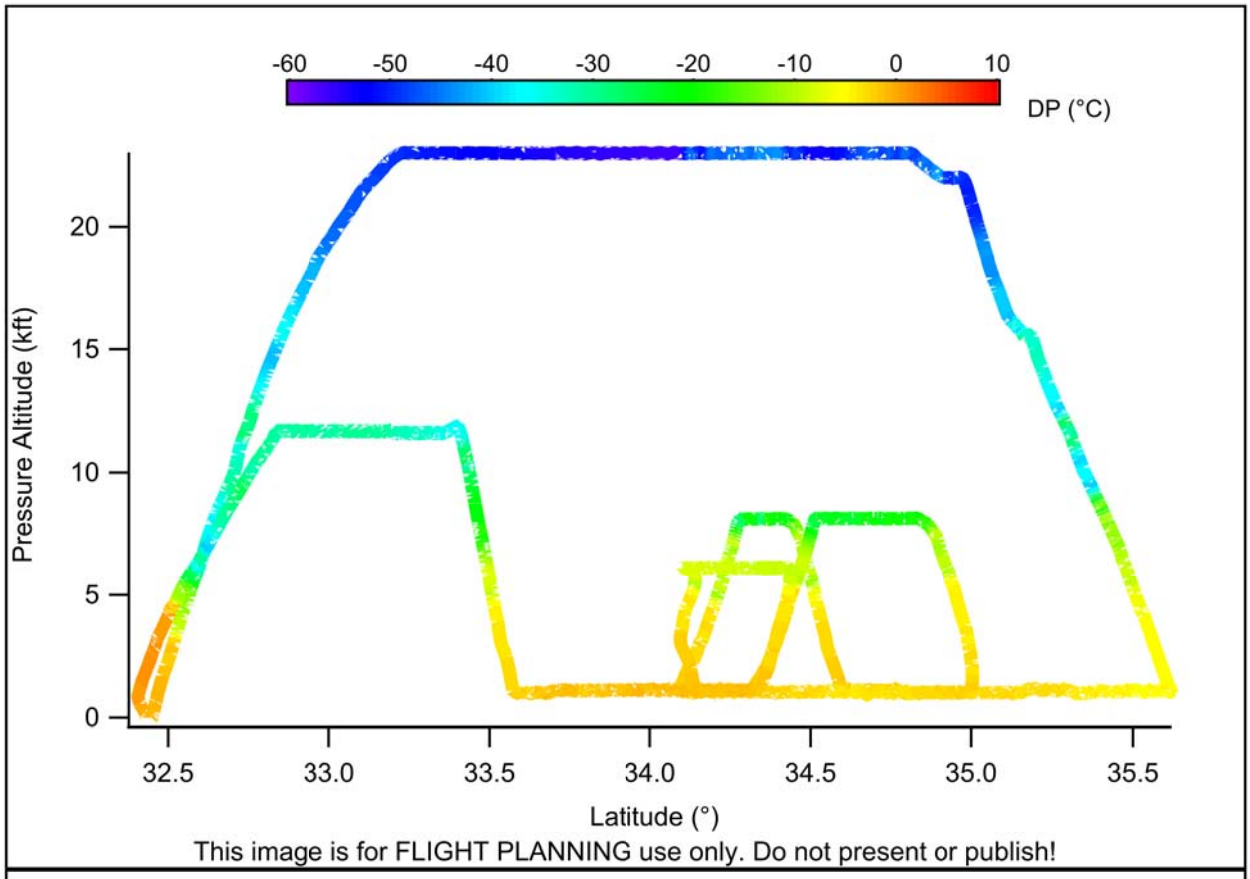
ACT-America
20180419

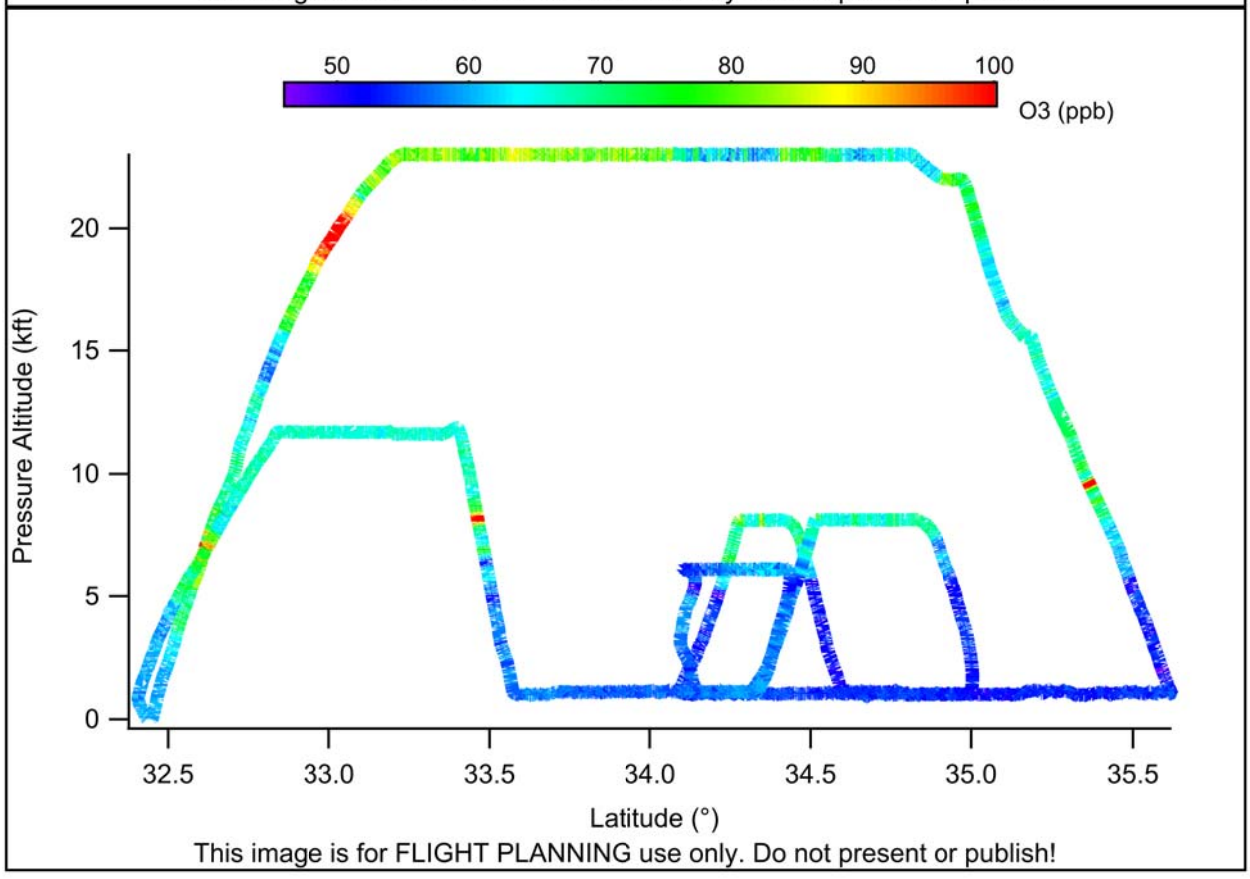

408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
32.5
33.0
33.5
34.0
34.5
35.0
35.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

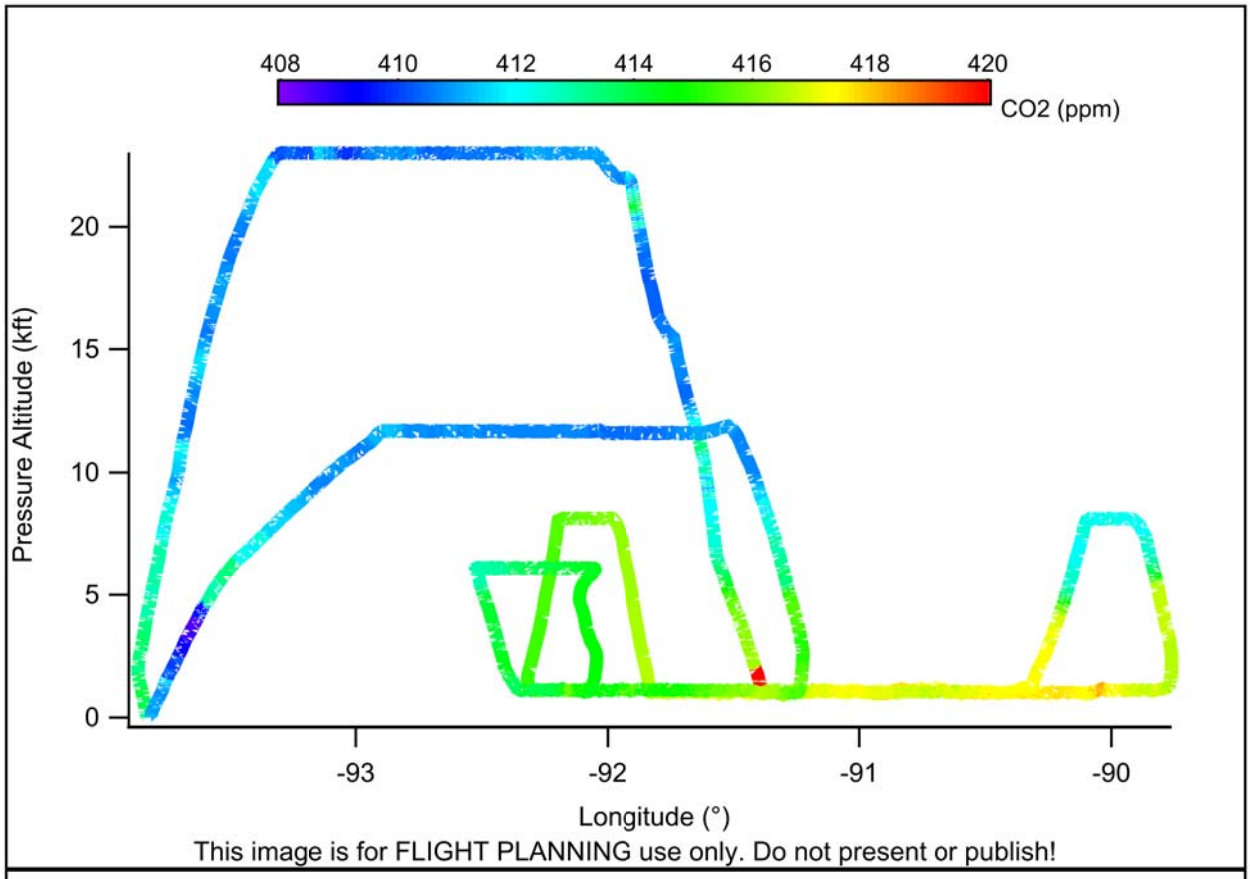

1.88
1.90
1.92
1.94
1.96
1.98
CH4 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
32.5
33.0
33.5
34.0
34.5
35.0
35.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

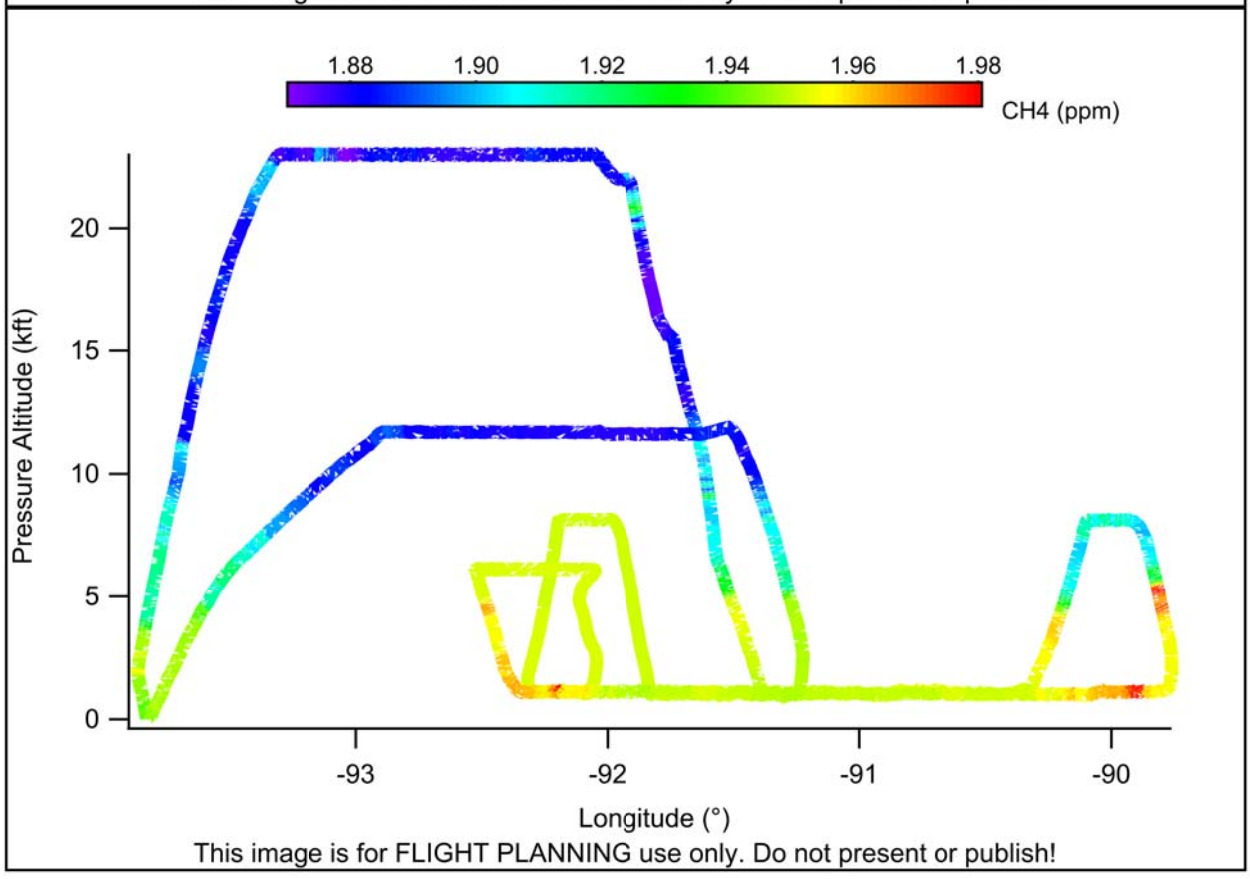

0.08
0.10
0.12
0.14
0.16
0.18
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
32.5
33.0
33.5
34.0
34.5
35.0
35.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

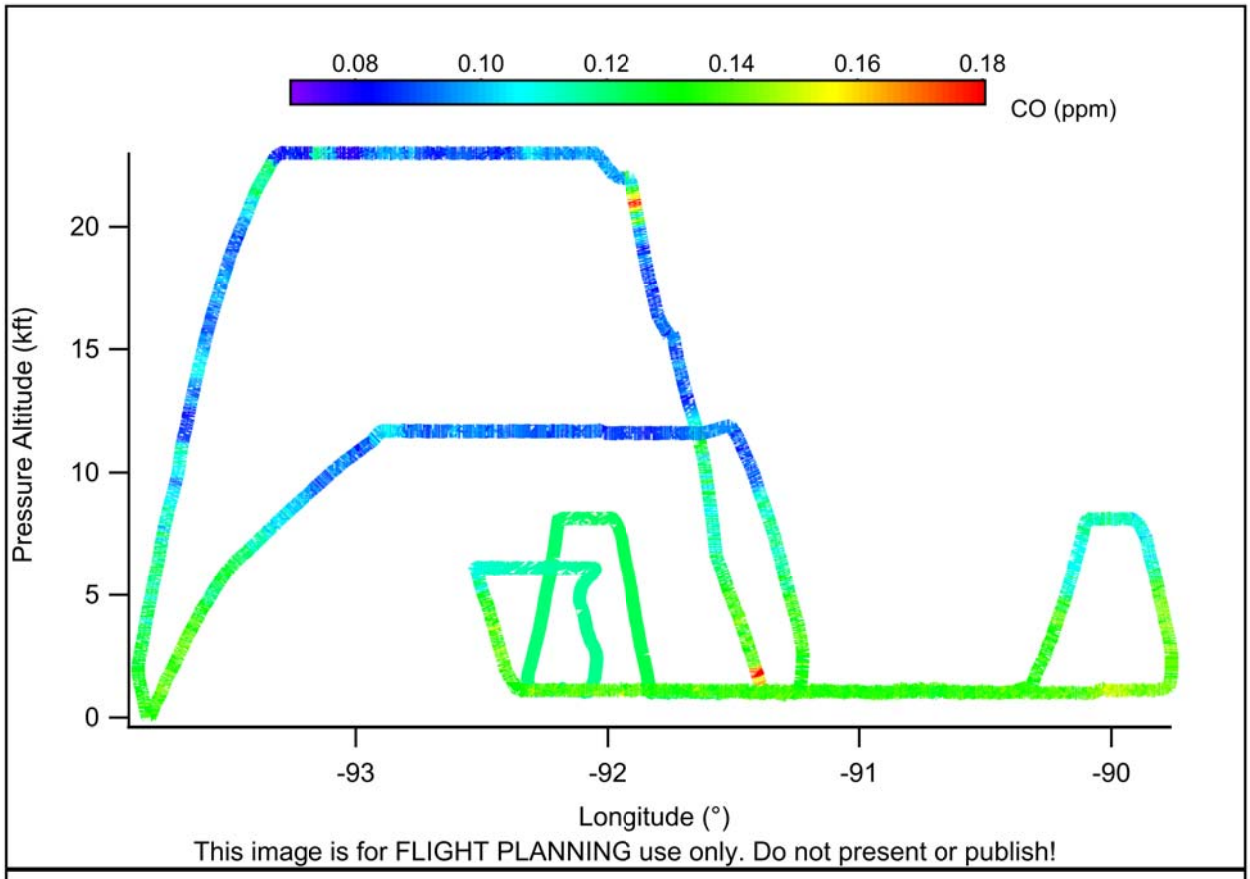

-1
0
1
2
3
4
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
32.5
33.0
33.5
34.0
34.5
35.0
35.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

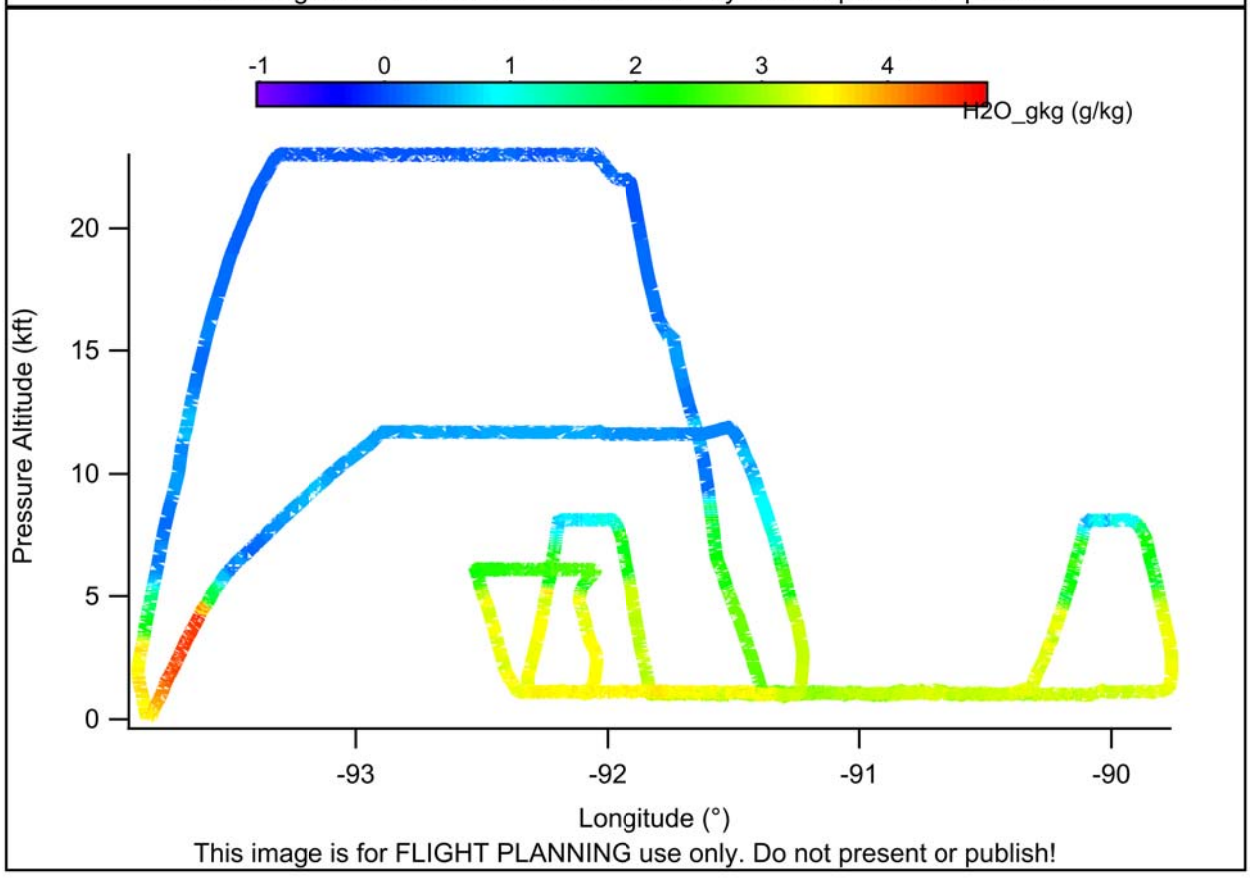

-60 -50 -40 -30 -20 -10 0 10
DP (°C)
Pressure Altitude (kft)
0 5 10 15 20
32.5 33.0 33.5 34.0 34.5 35.0 35.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

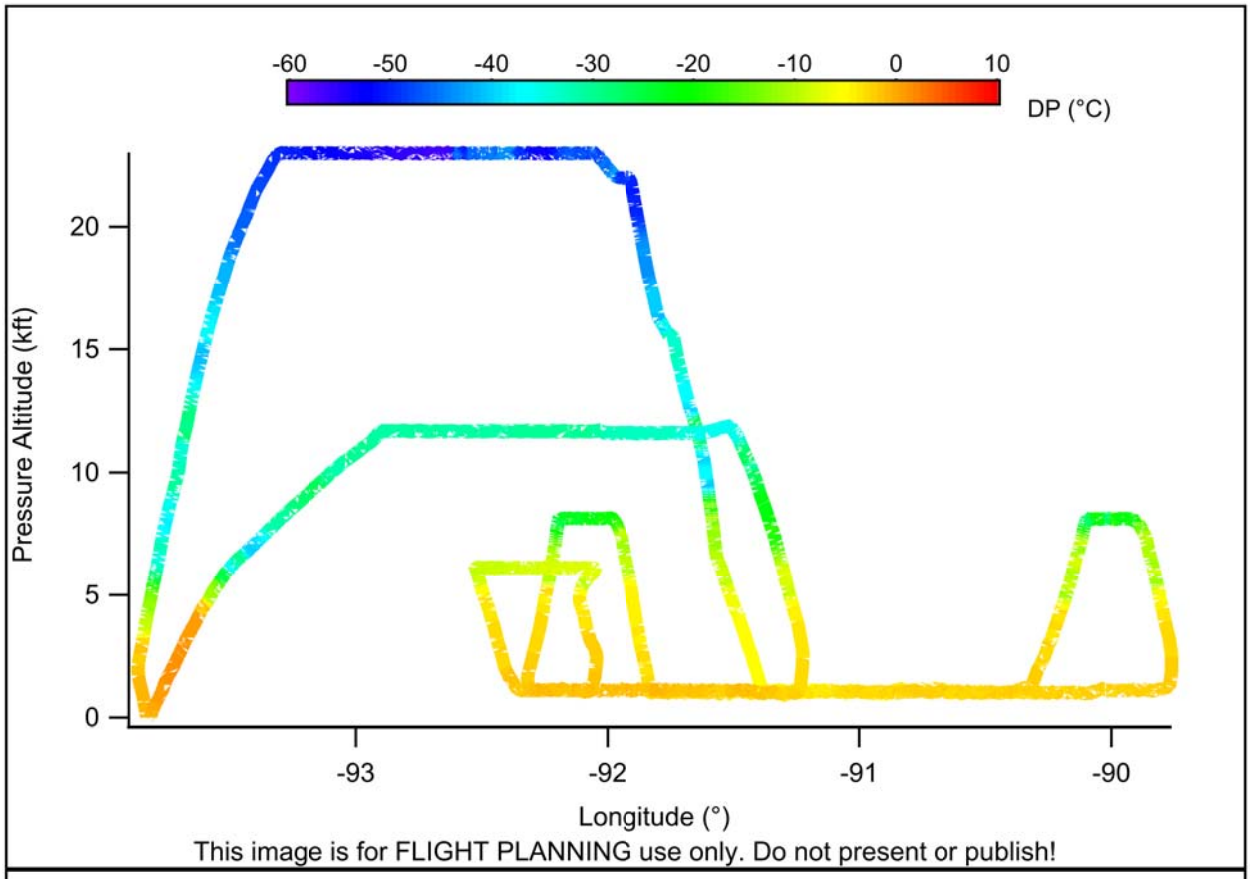

50 60 70 80 90 100
O3 (ppb)
Pressure Altitude (kft)
0 5 10 15 20
32.5 33.0 33.5 34.0 34.5 35.0 35.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

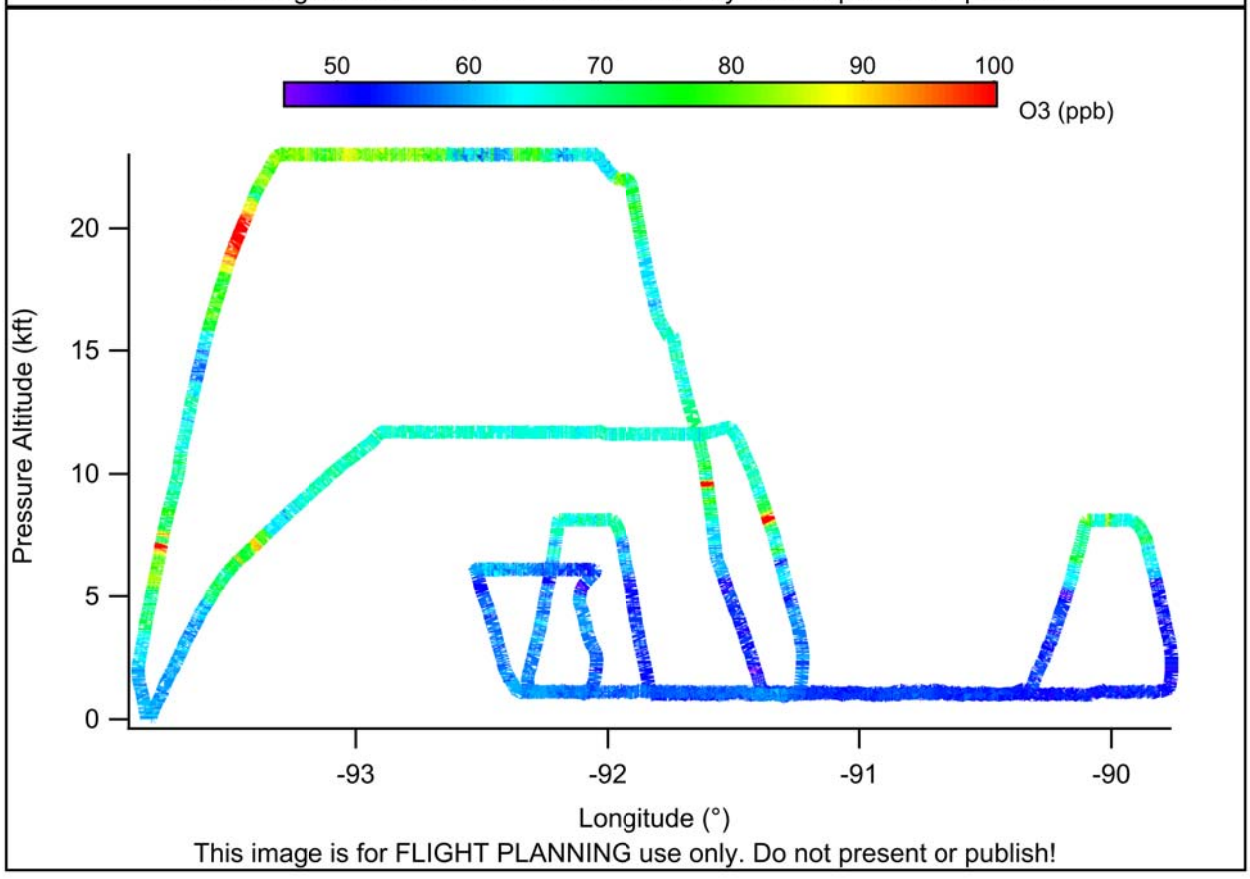

408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-93
-92
-91
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

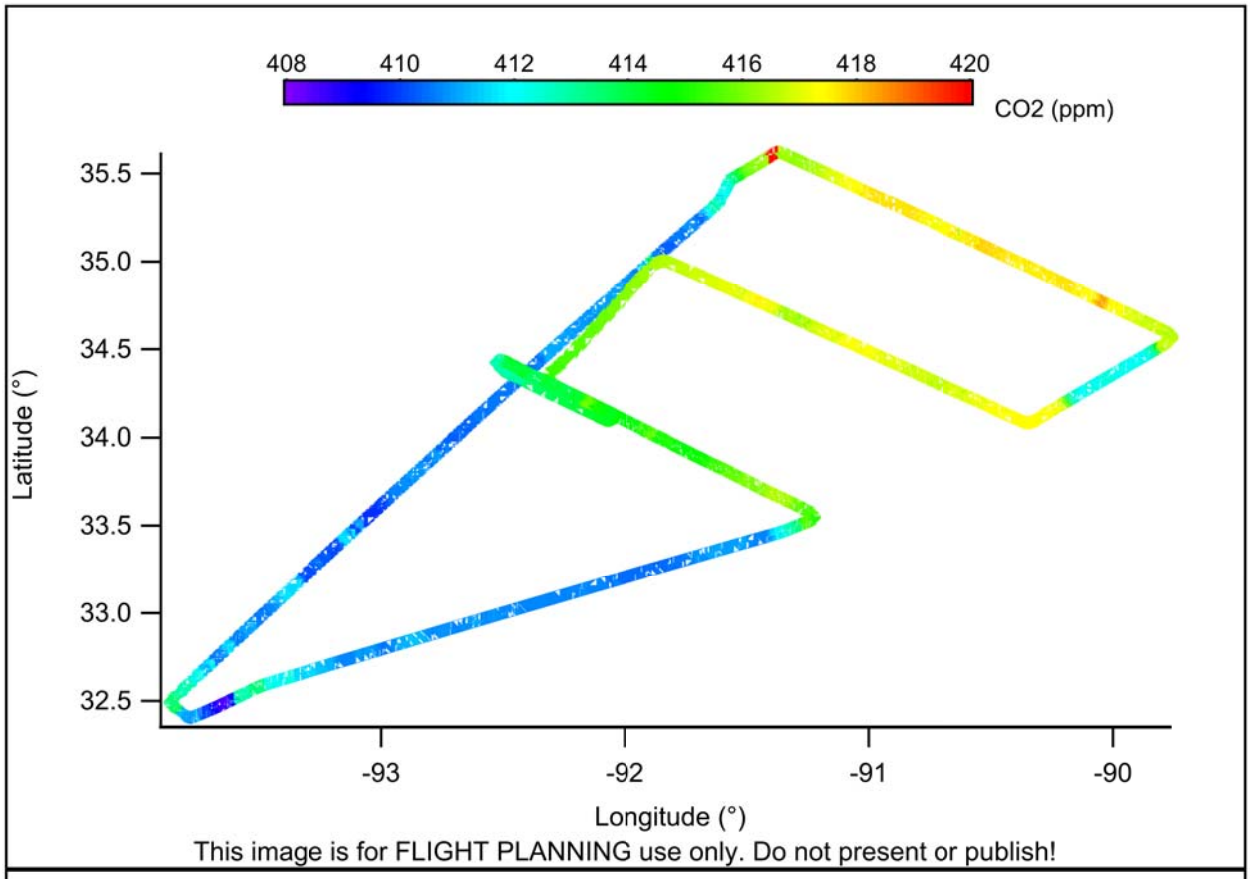

1.88
1.90
1.92
1.94
1.96
1.98
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-93
-92
-91
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

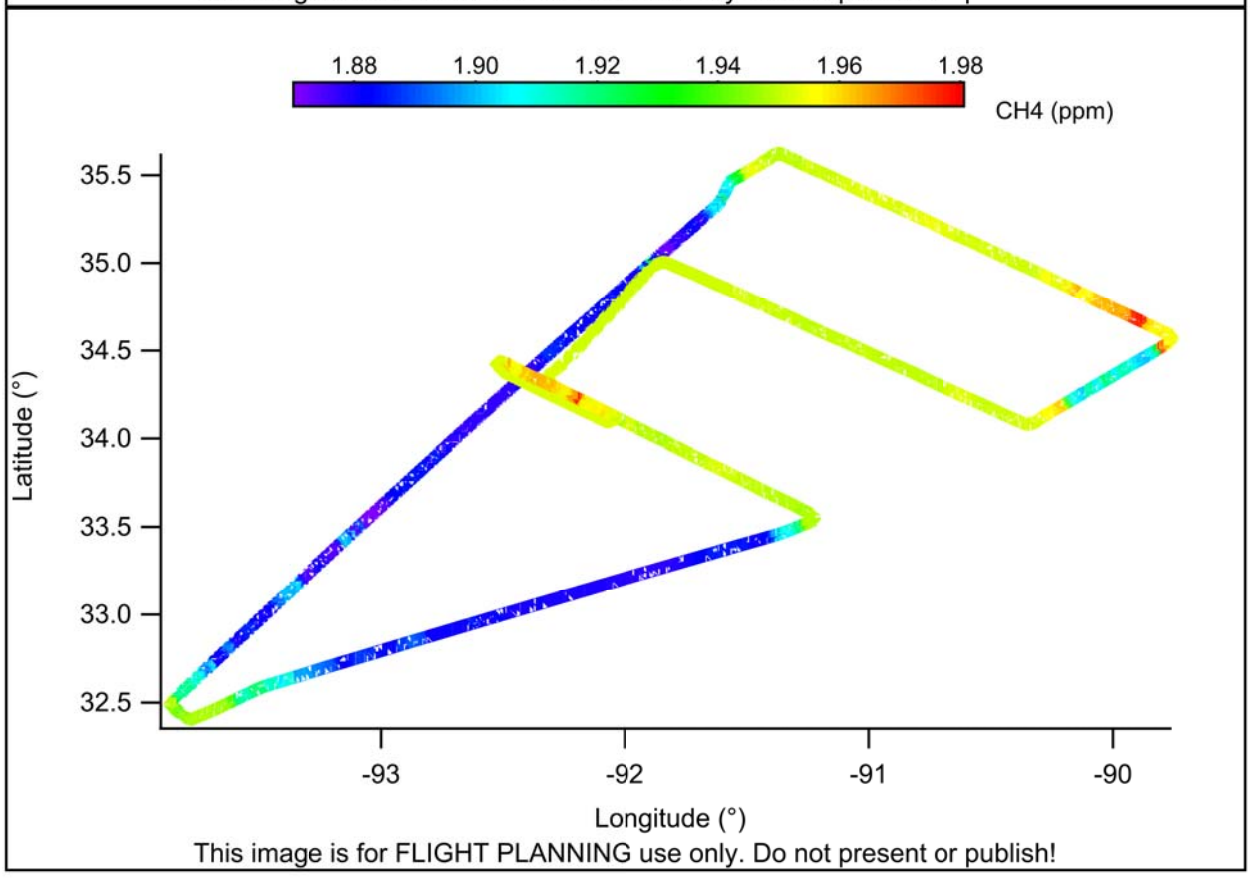

0.08
0.10
0.12
0.14
0.16
0.18
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-93
-92
-91
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

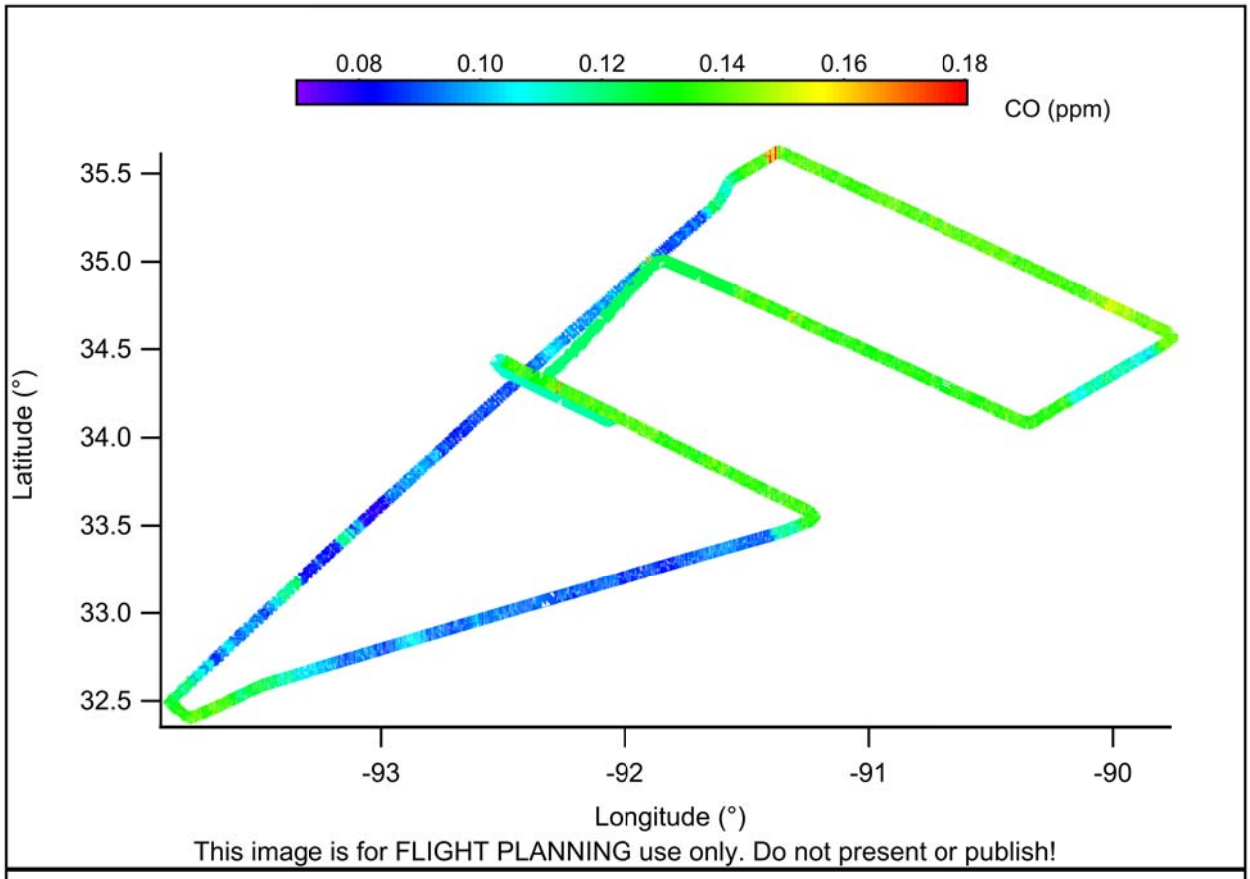

-1
0
1
2
3
4
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
-93
-92
-91
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

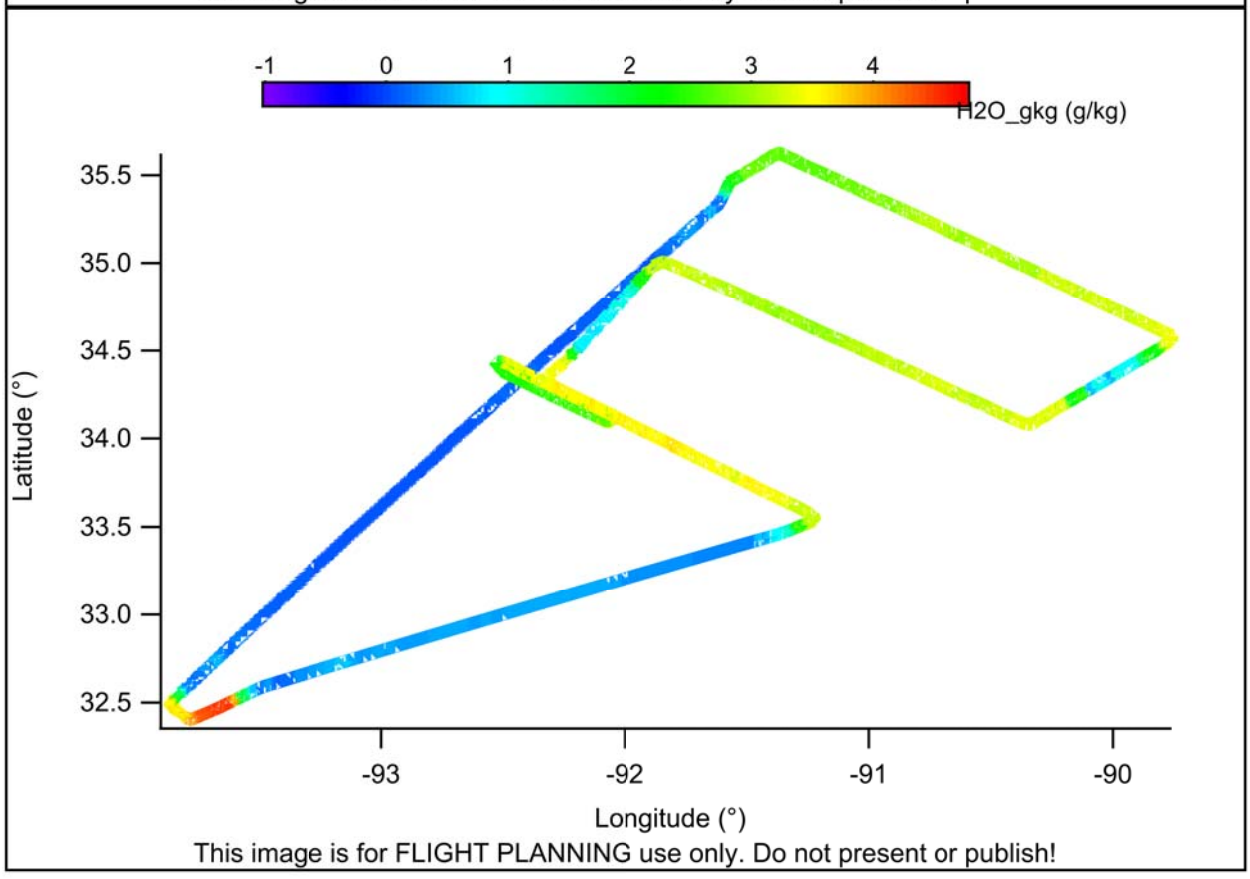

-60 -50 -40 -30 -20 -10 0 10
DP (°C)
Pressure Altitude (kft)
20
15
10
5
0
-93 -92 -91 -90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

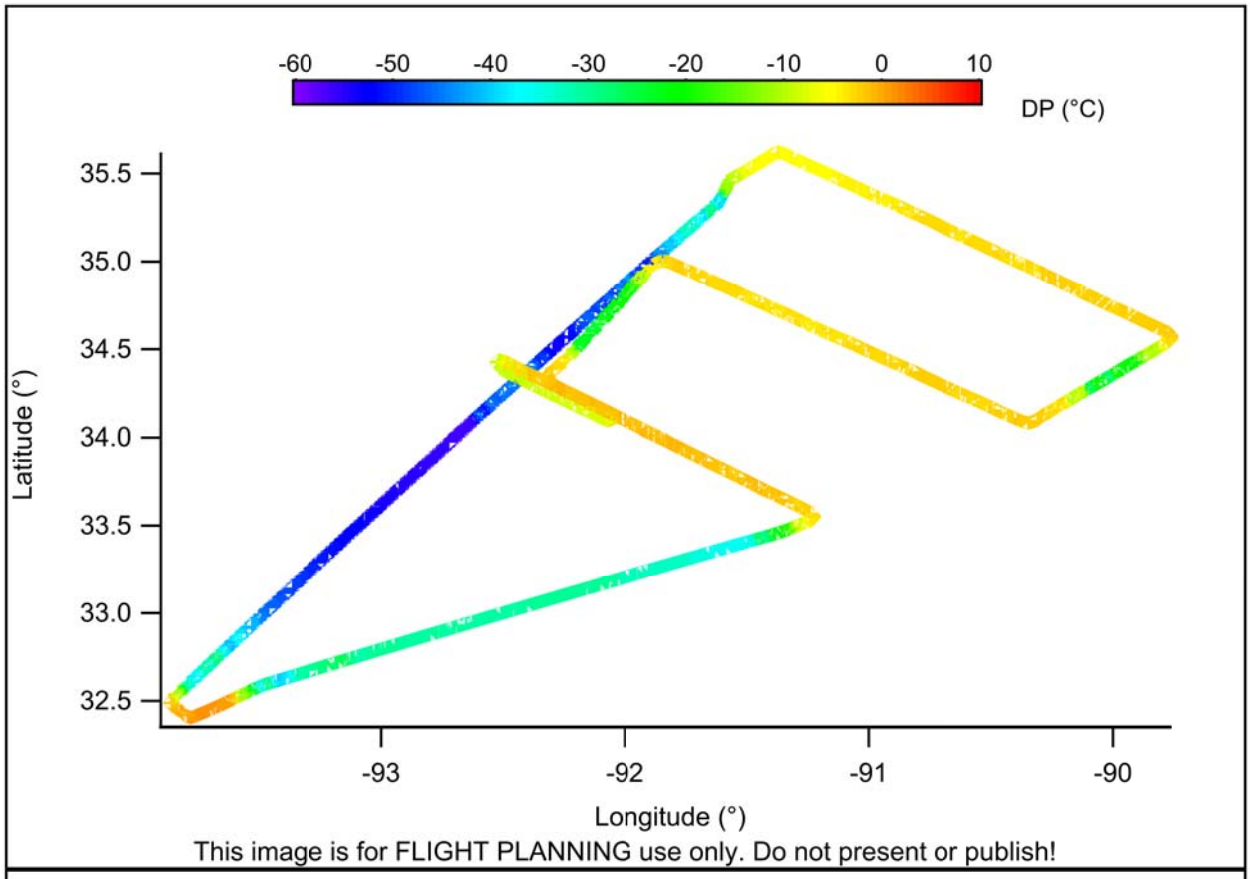

50 60 70 80 90 100
O3 (ppb)
Pressure Altitude (kft)
20
15
10
5
0
-93 -92 -91 -90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

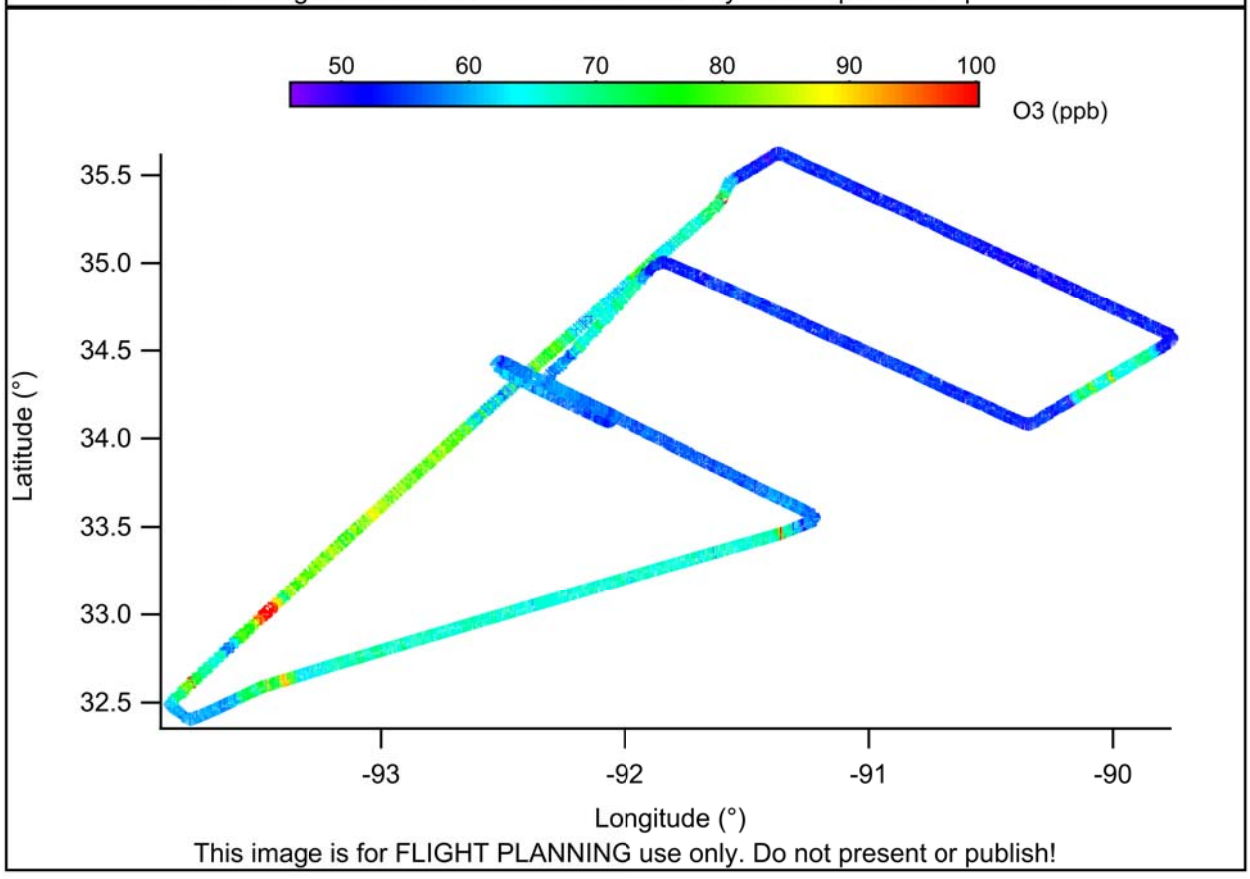

408
410
412
414
416
418
420
CO2 (ppm)
35.5
35.0
34.5
34.0
33.5
33.0
32.5
Latitude (°)
-93
-92
-91
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

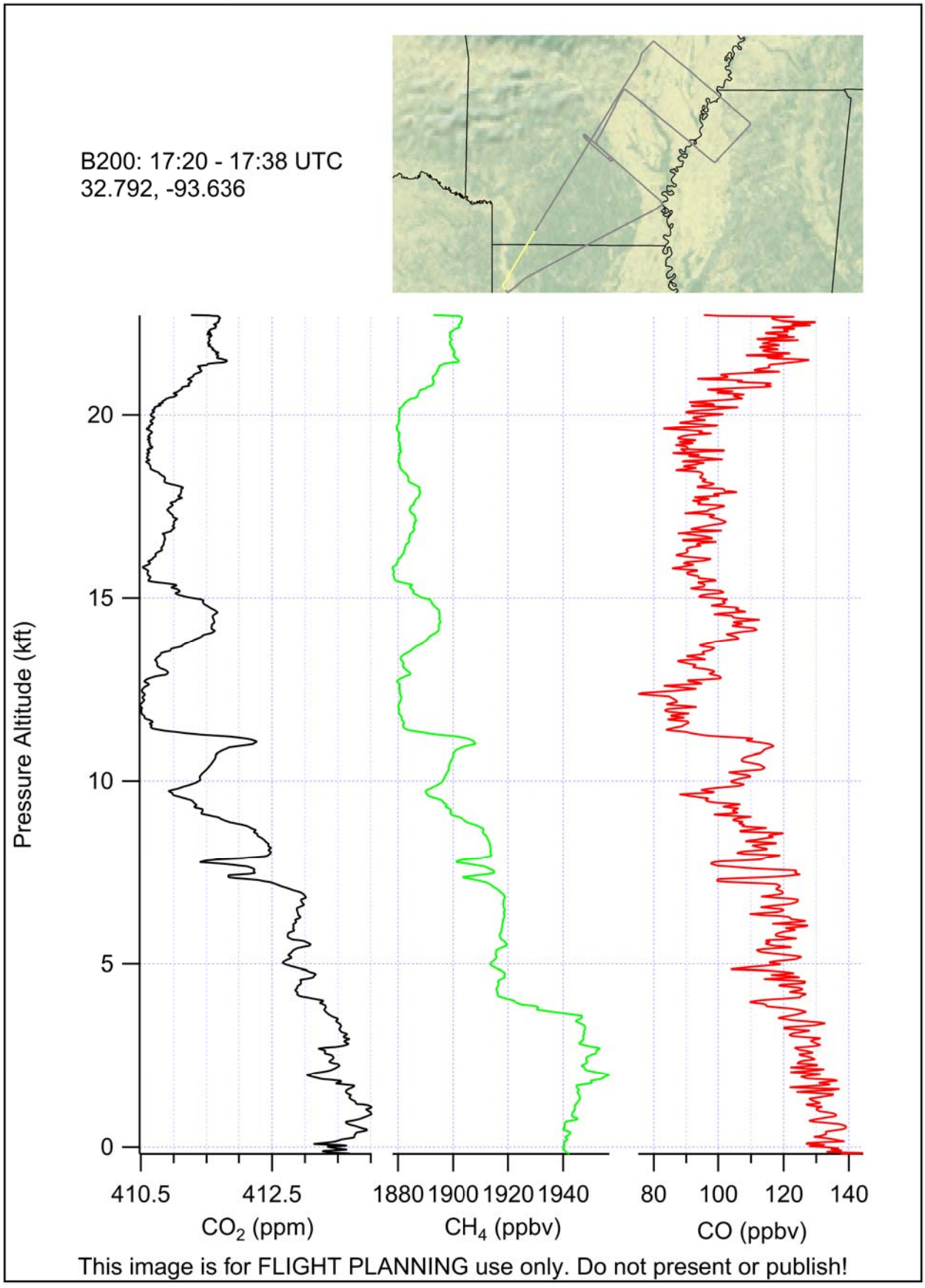

1.88
1.90
1.92
1.94
1.96
1.98
CH4 (ppm)
35.5
35.0
34.5
34.0
33.5
33.0
32.5
Latitude (°)
-93
-92
-91
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

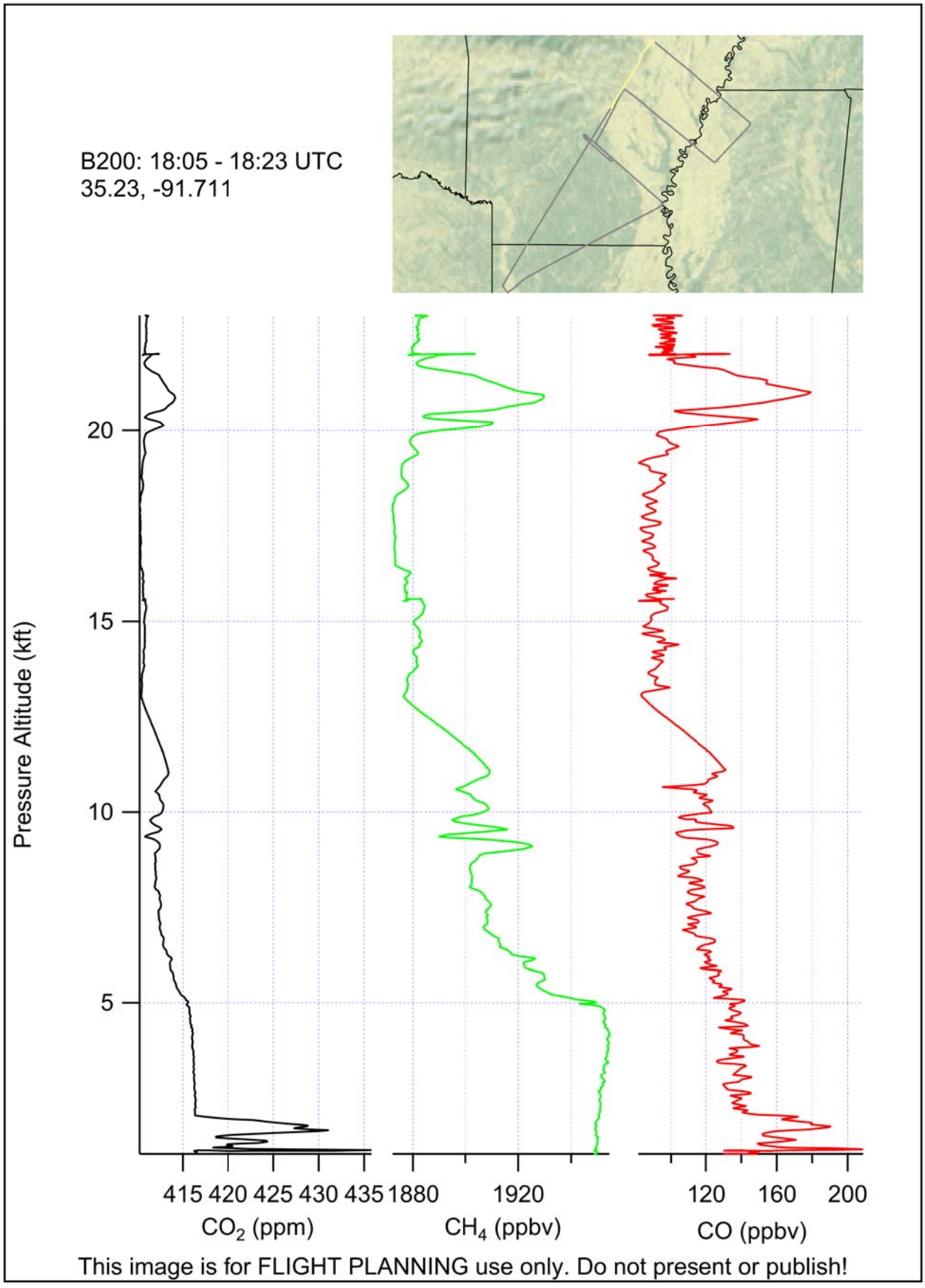

0.08
0.10
0.12
0.14
0.16
0.18
CO (ppm)
35.5
35.0
34.5
34.0
33.5
33.0
32.5
Latitude (°)
-93
-92
-91
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

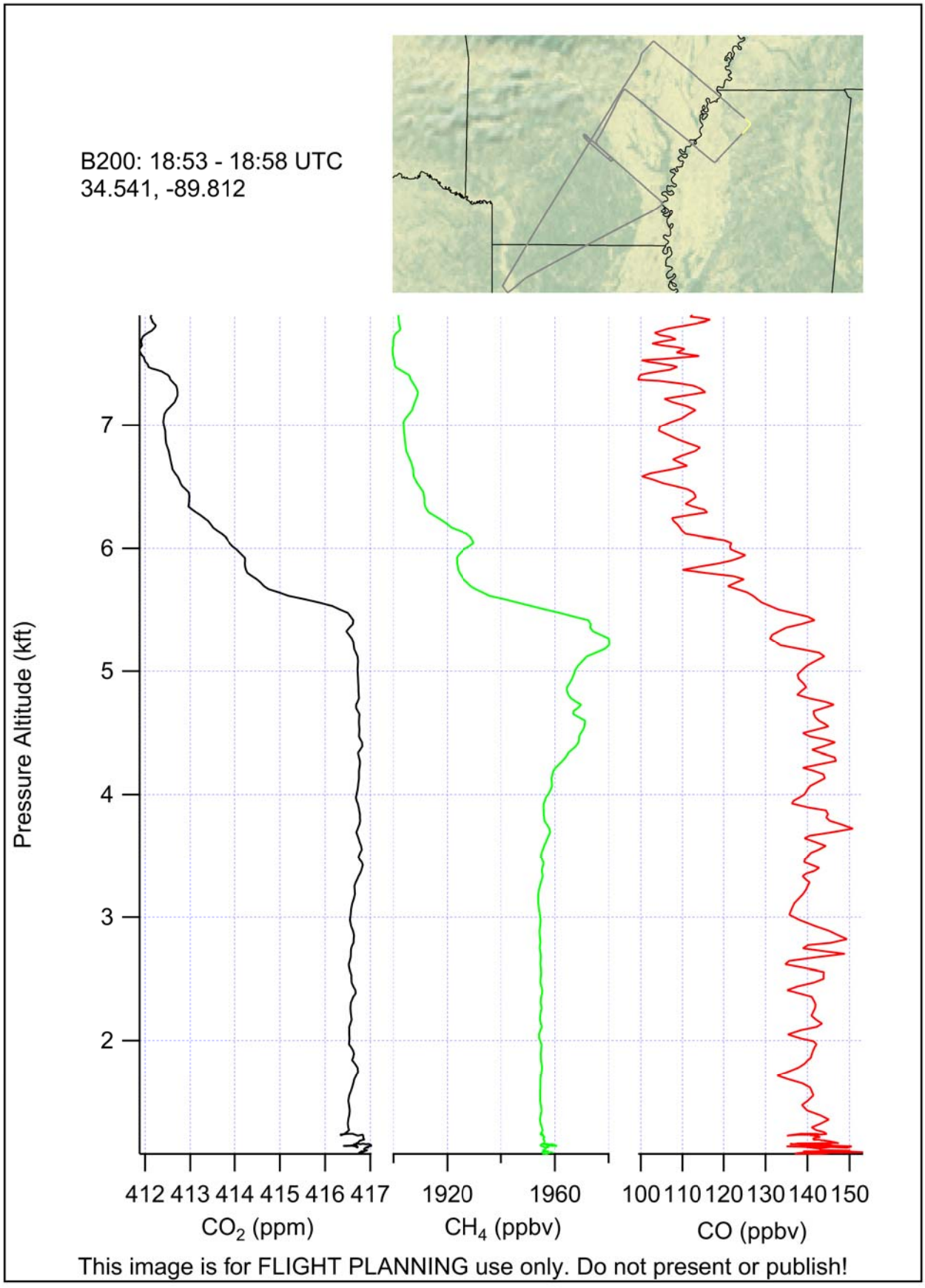

-1
0
1
2
3
4
H2O_gkg (g/kg)
35.5
35.0
34.5
34.0
33.5
33.0
32.5
Latitude (°)
-93
-92
-91
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

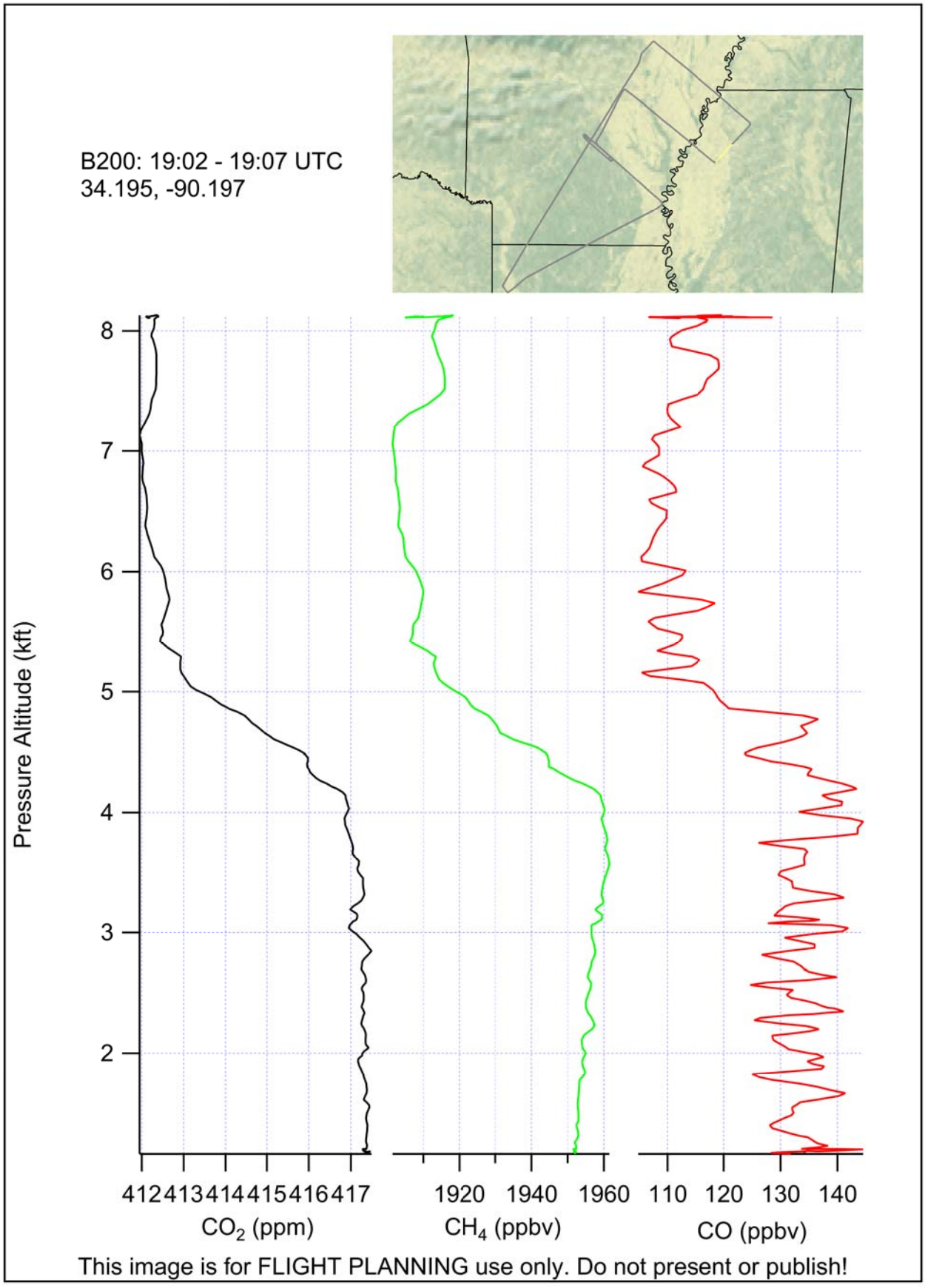

-60 -50 -40 -30 -20 -10 0 10
DP (°C)
35.5
35.0
34.5
34.0
33.5
33.0
32.5
Latitude (°)
-93 -92 -91 -90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

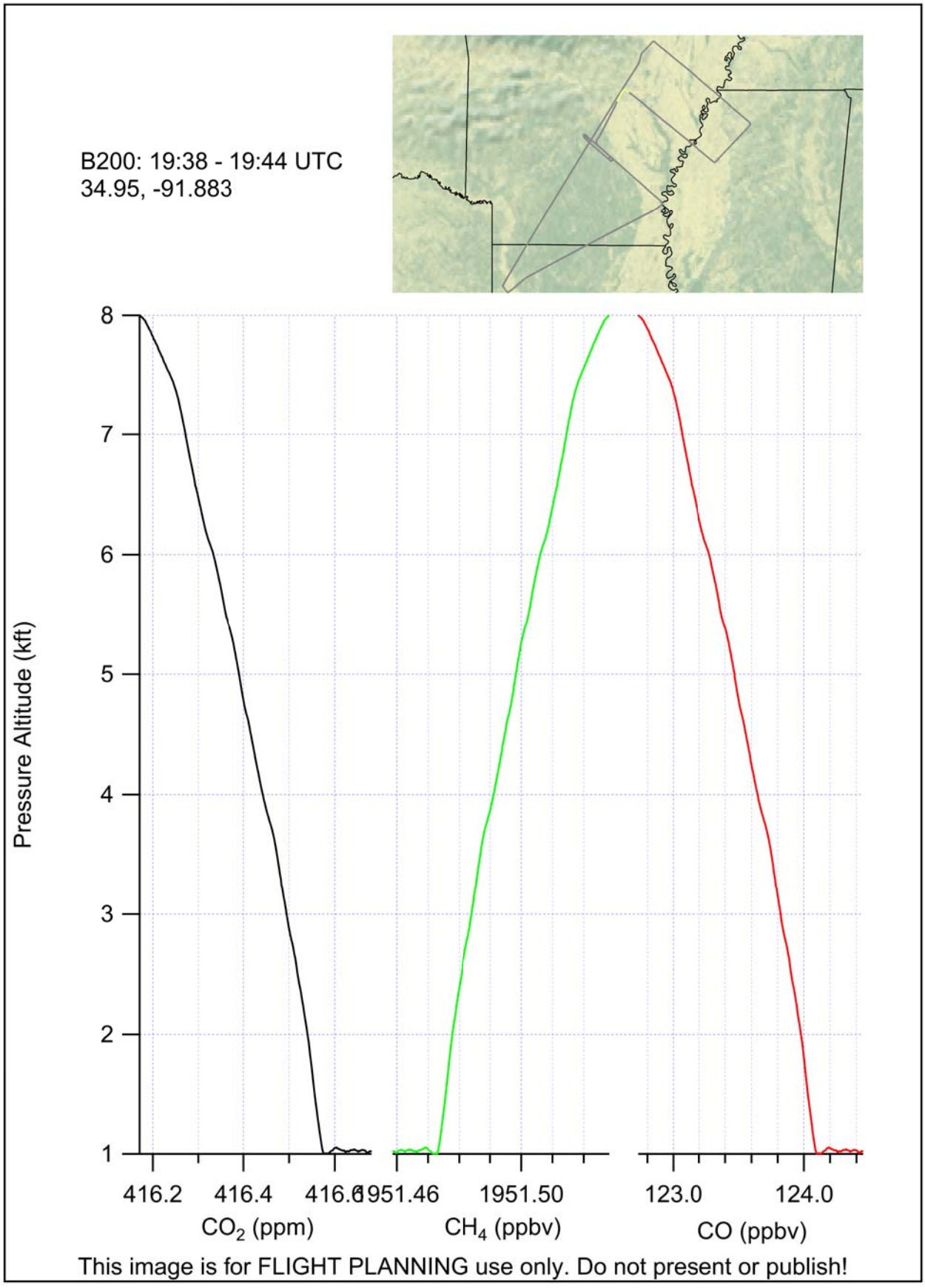

50 60 70 80 90 100
O3 (ppb)
35.5
35.0
34.5
34.0
33.5
33.0
32.5
Latitude (°)
-93 -92 -91 -90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

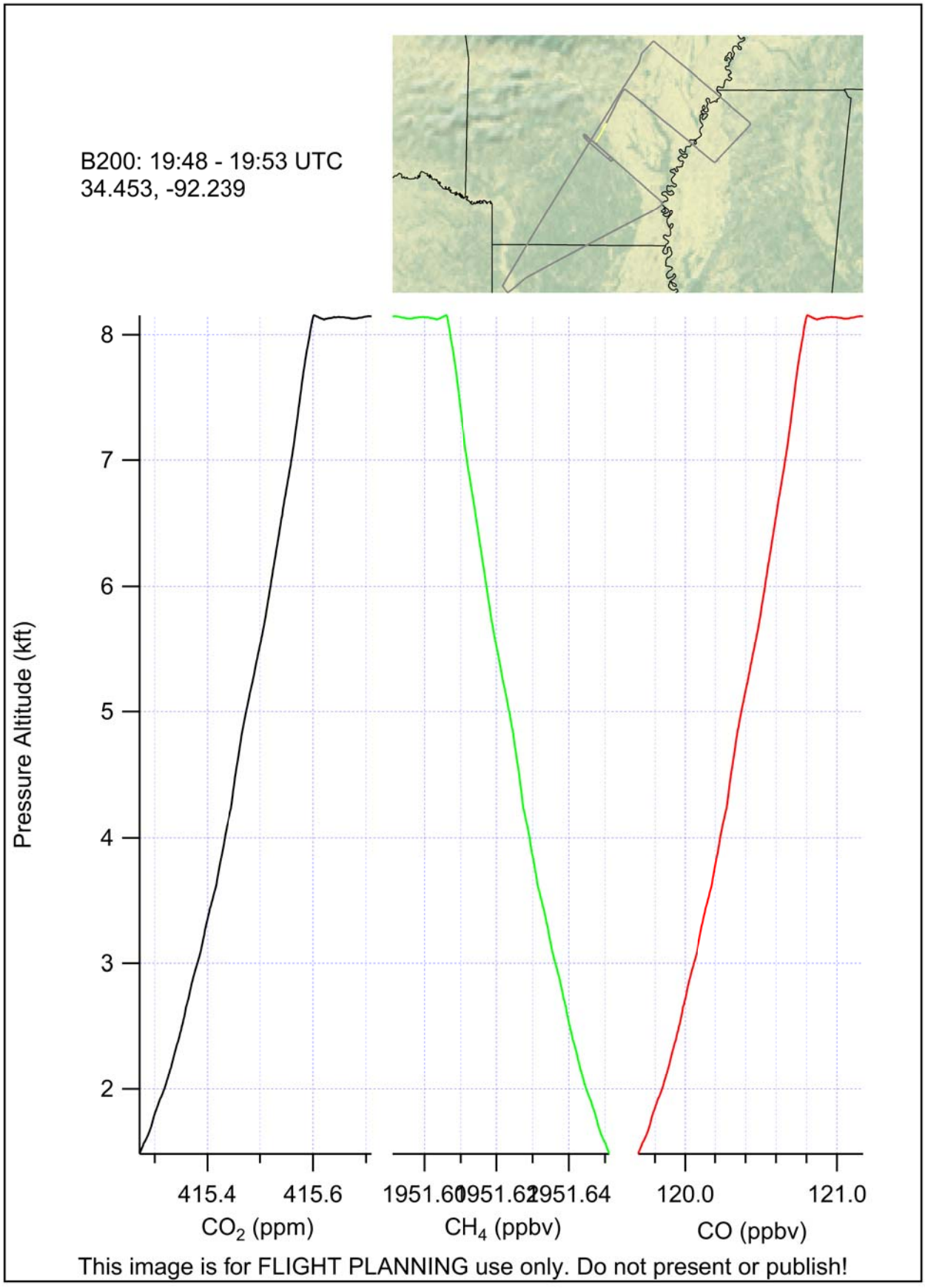

B200: 17:20 - 17:38 UTC
32.792, -93.636
Pressure Altitude (kft)
0
5
10
15
20
410.5
412.5
CO2 (ppm)
1880
1900
1920
1940
CH4 (ppbv)
80
100
120
140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:05 - 18:23 UTC
35.23, -91.711
Pressure Altitude (kft)
20
15
10
5
415 420 425 430 435
CO2 (ppm)
1880 1920
CH4 (ppbv)
120 160 200
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:53 - 18:58 UTC
34.541, -89.812
Pressure Altitude (kft)
7
6
5
4
3
2
412 413 414 415 416 417
CO2 (ppm)
1920 1960
CH4 (ppbv)
100 110 120 130 140 150
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:02 - 19:07 UTC
34.195, -90.197
Pressure Altitude (kft)
8
7
6
5
4
3
2
412 413 414 415 416 417
CO2 (ppm)
1920 1940 1960
CH4 (ppbv)
110 120 130 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:38 - 19:44 UTC
34.95, -91.883
Pressure Altitude (kft)
8
7
6
5
4
3
2
1
416.2
416.4
416.6
1951.46
1951.50
123.0
124.0
CO2 (ppm)
CH4 (ppbv)
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:48 - 19:53 UTC
34.453, -92.239
Pressure Altitude (kft)
8
7
6
5
4
3
2
415.4
415.6
CO2 (ppm)
1951.60
1951.62
1951.64
CH4 (ppbv)
120.0
121.0
CO (ppbv)
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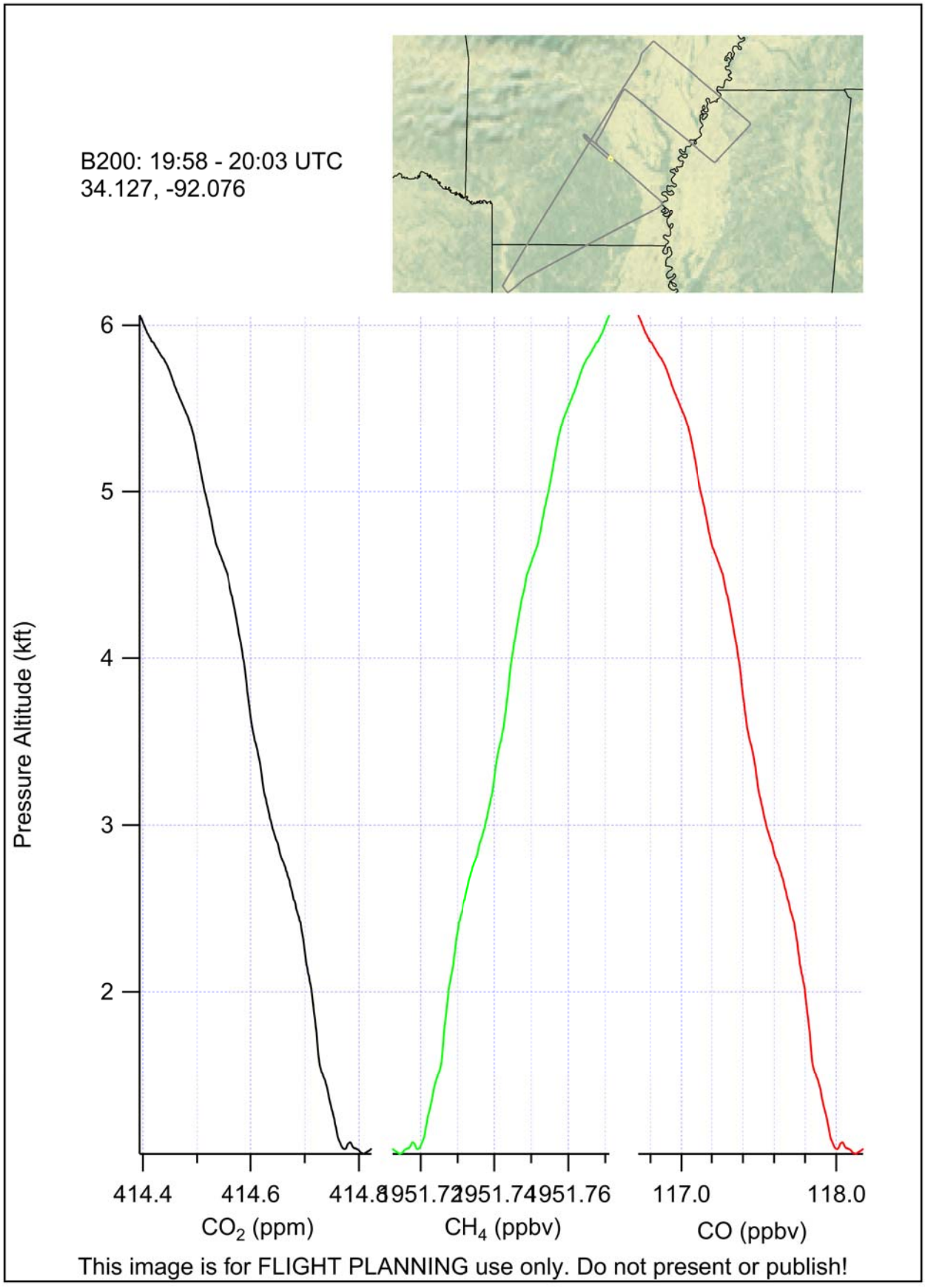
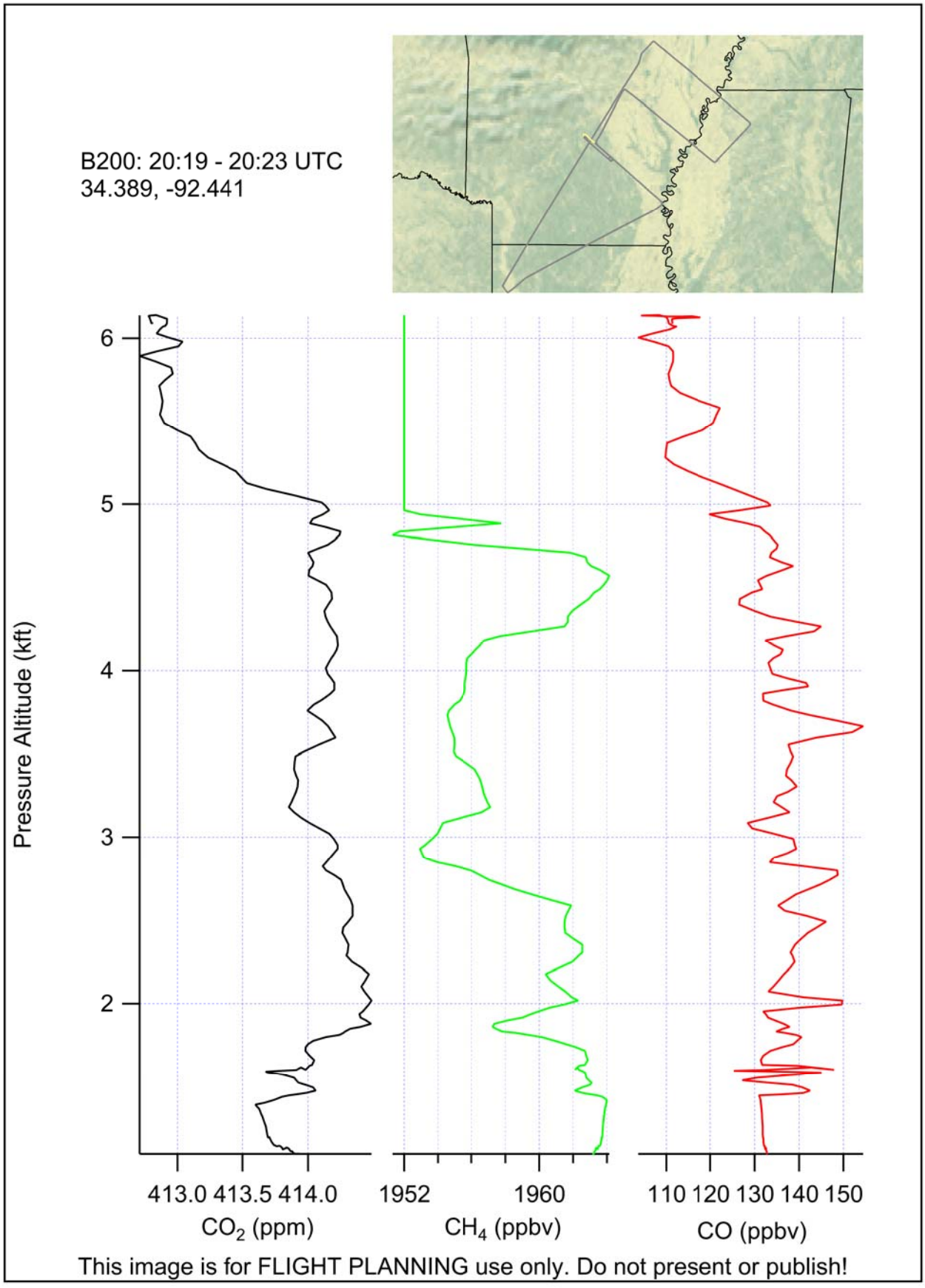
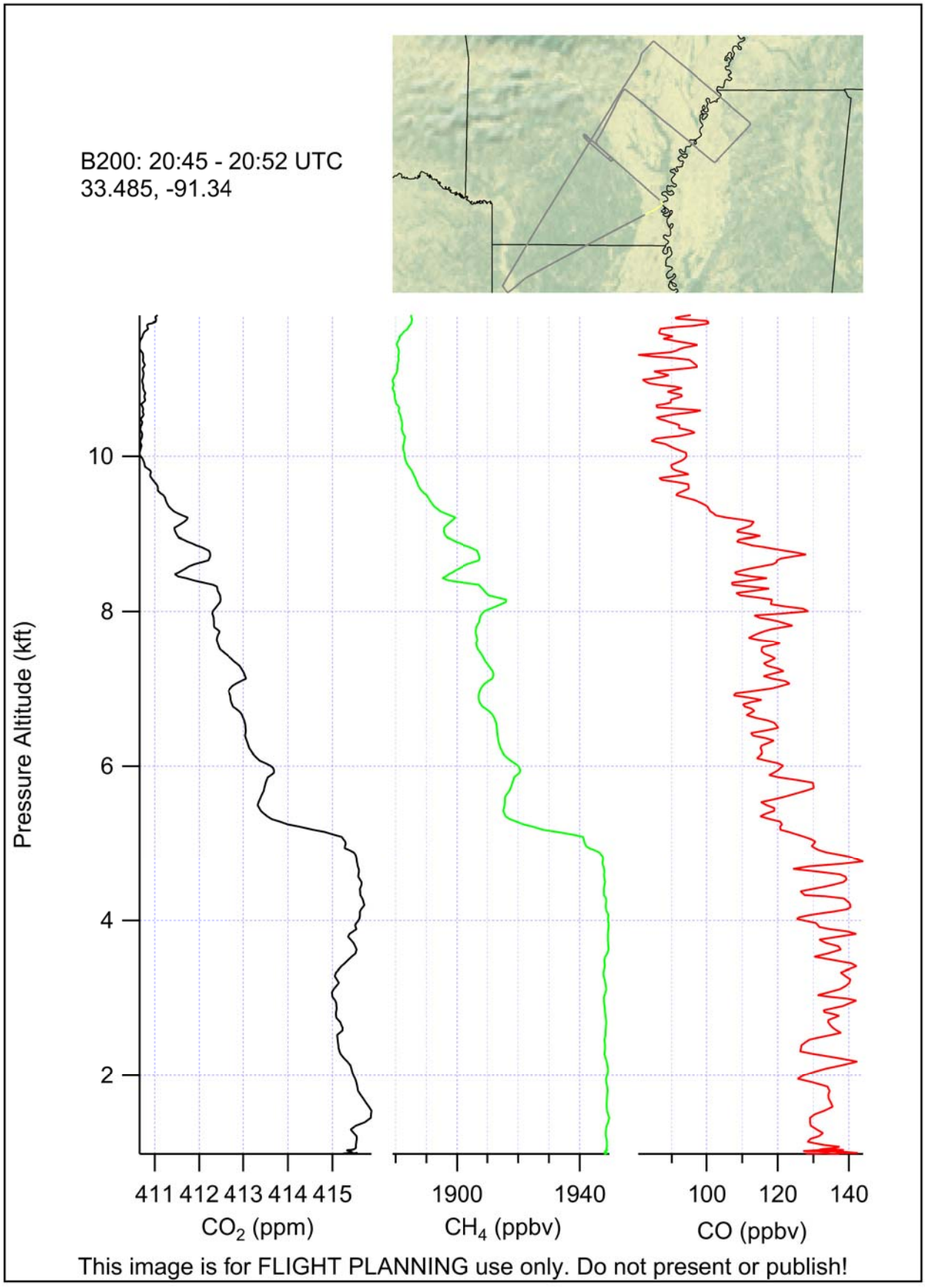
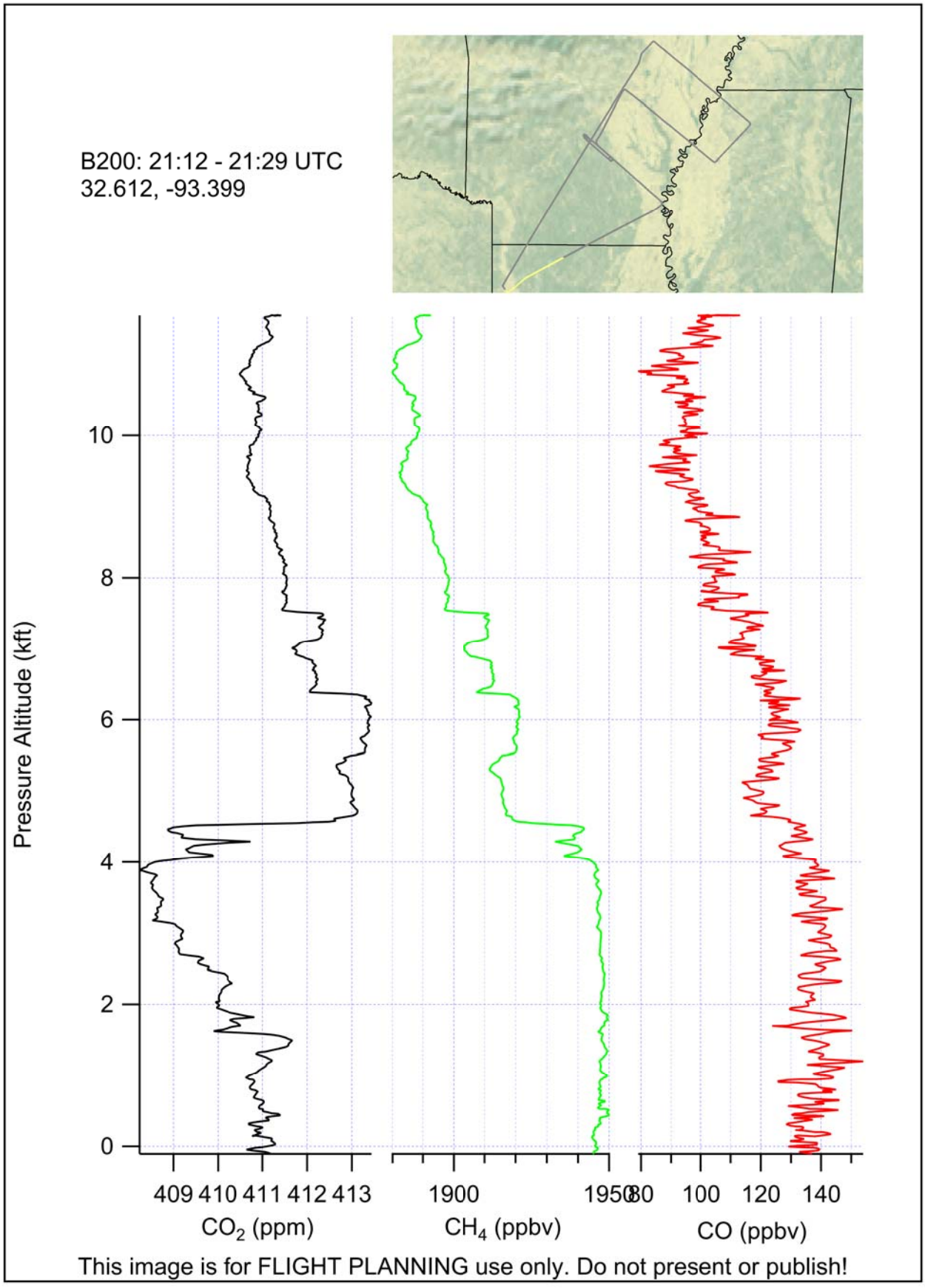
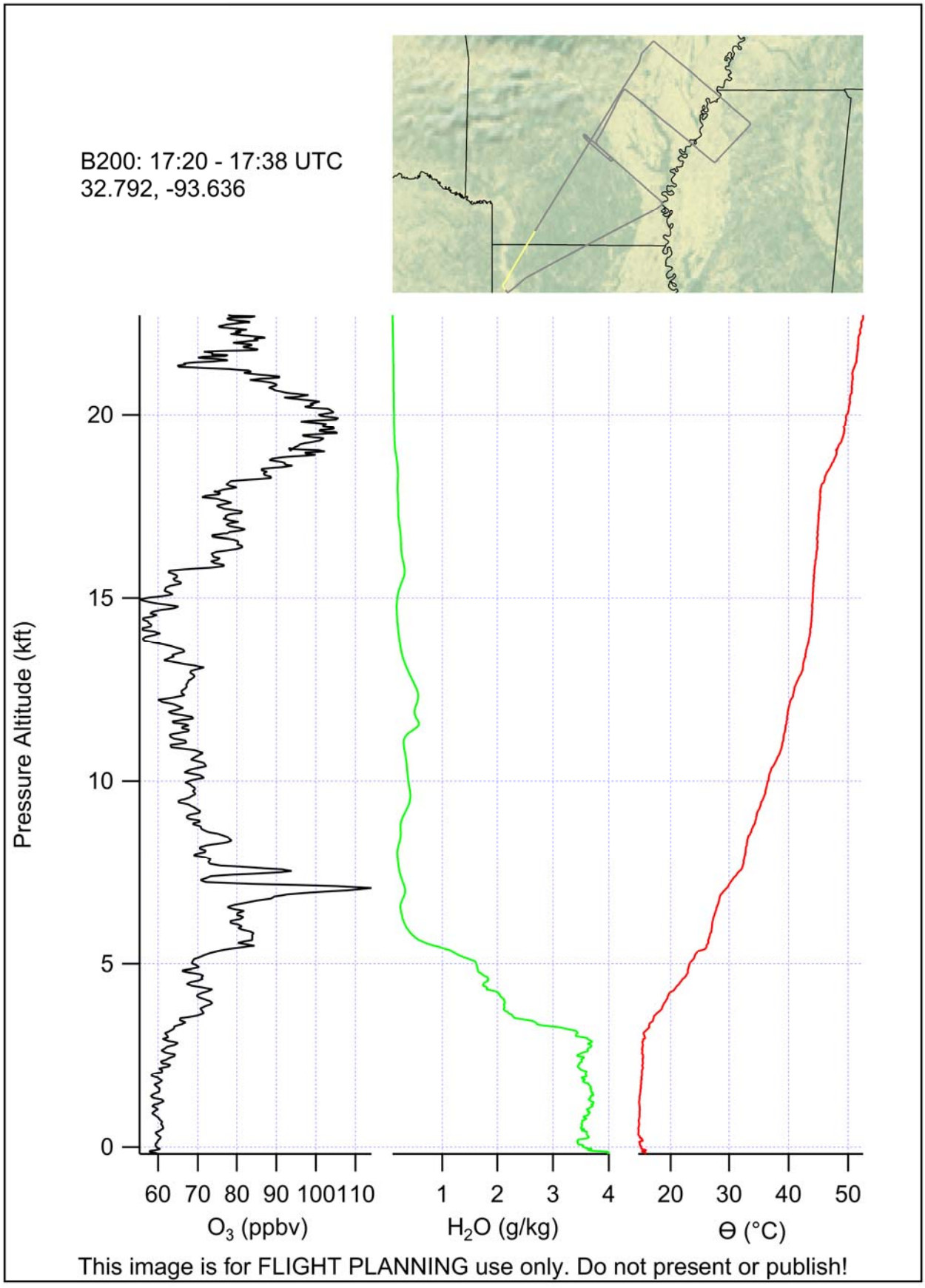
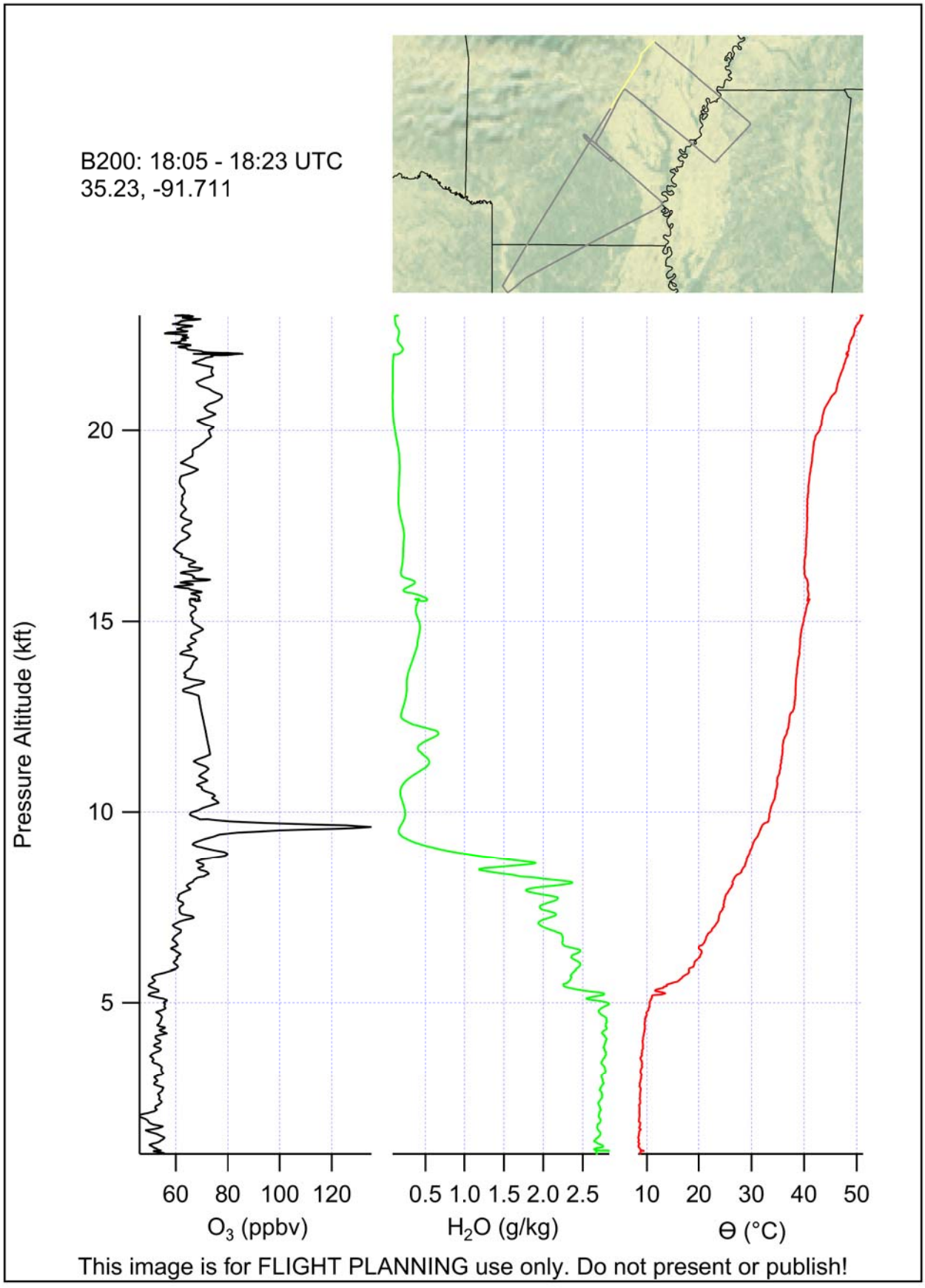

B200: 19:58 - 20:03 UTC
34.127, -92.076
Pressure Altitude (kft)
6
5
4
3
2
414.4
414.6
414.8
1951.72
1951.74
1951.76
117.0
118.0
CO2 (ppm)
CH4 (ppbv)
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

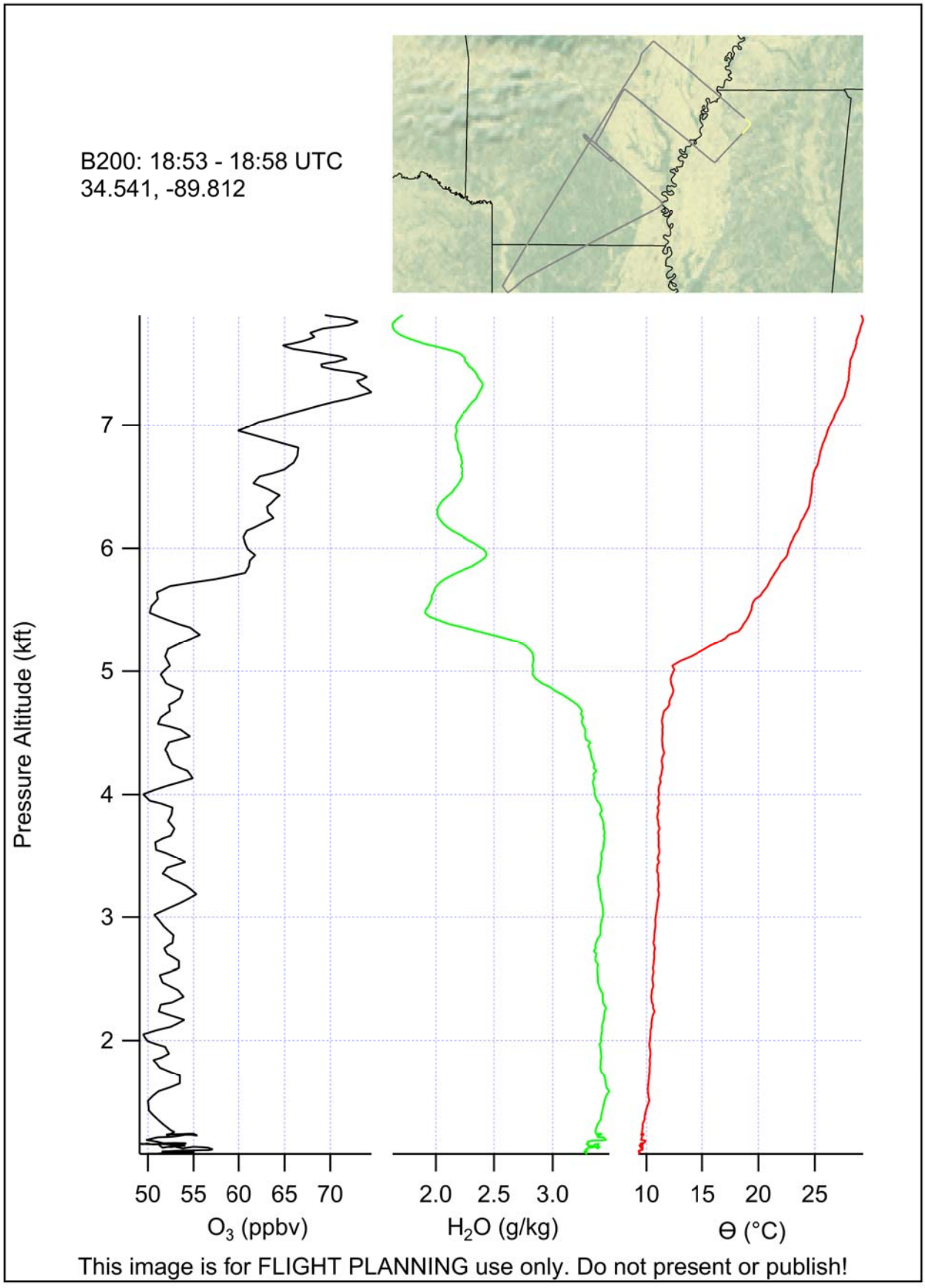

B200: 20:19 - 20:23 UTC
34.389, -92.441
Pressure Altitude (kft)
6
5
4
3
2
413.0 413.5 414.0
CO2 (ppm)
1952
1960
CH4 (ppbv)
110 120 130 140 150
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

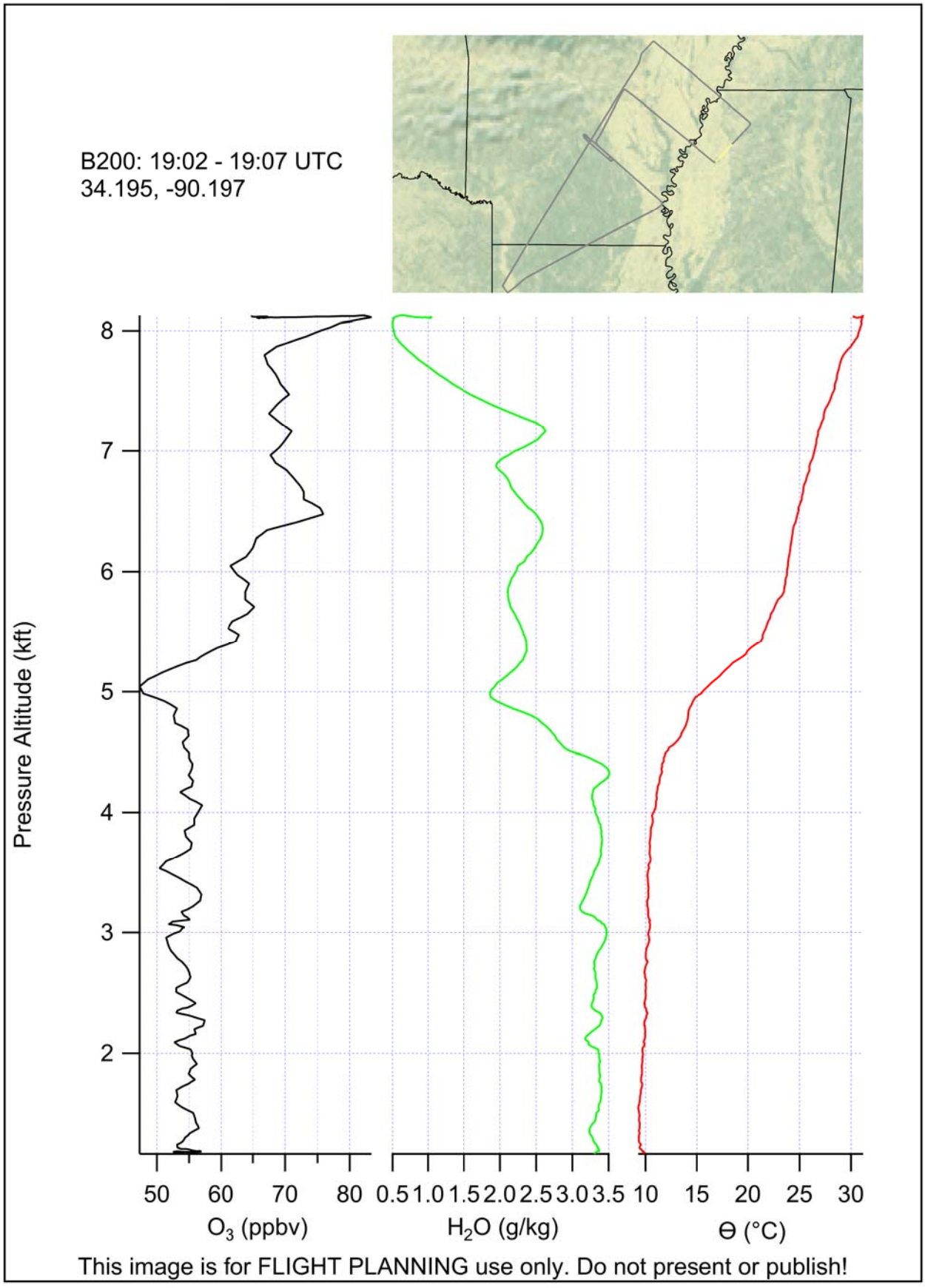

B200: 20:45 - 20:52 UTC
33.485, -91.34
Pressure Altitude (kft)
10
8
6
4
2
411 412 413 414 415
CO2 (ppm)
1900 1940
CH4 (ppbv)
100 120 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

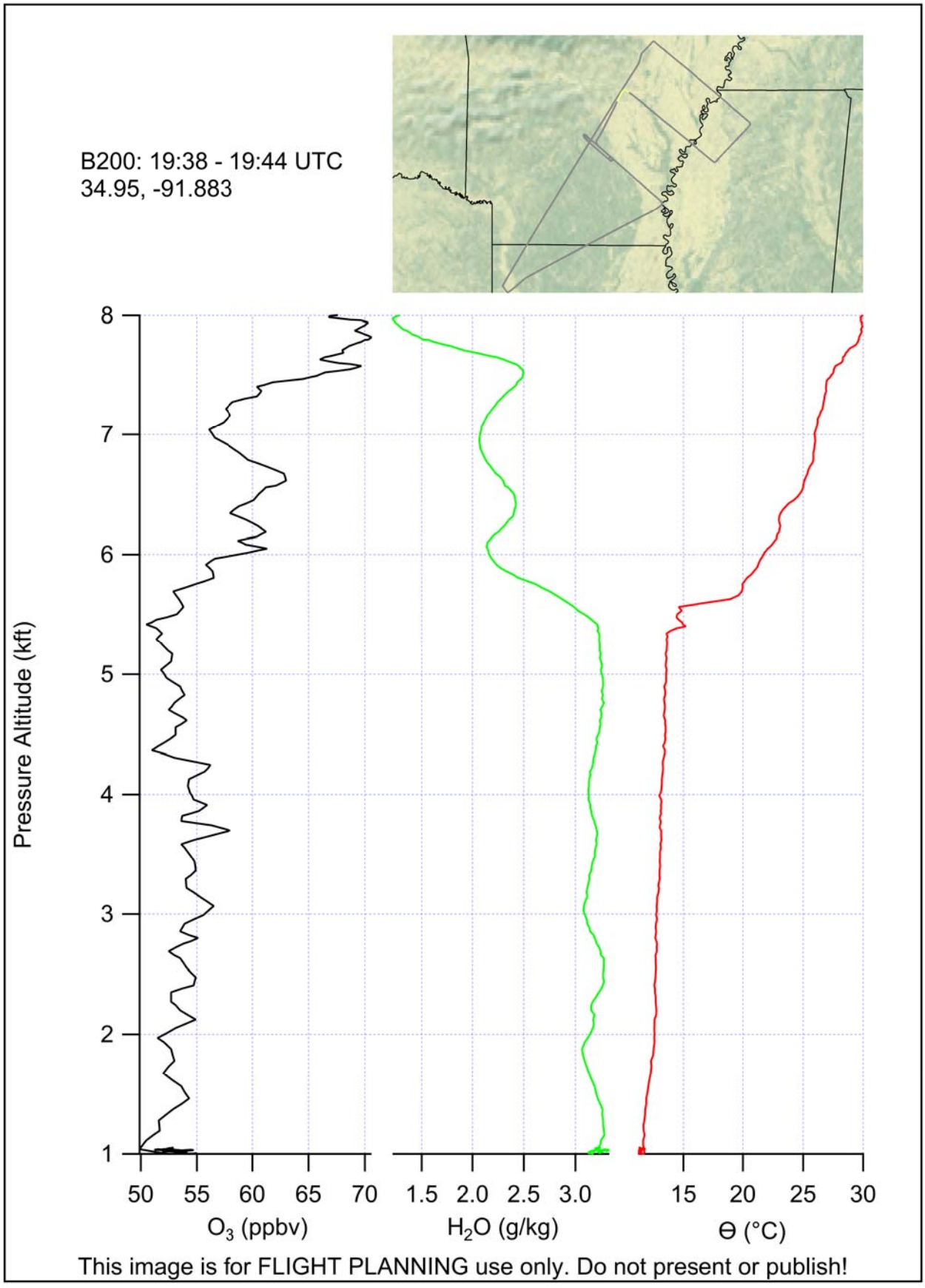

B200: 21:12 - 21:29 UTC
32.612, -93.399
Pressure Altitude (kft)
0
2
4
6
8
10
409 410 411 412 413
CO2 (ppm)
1900
1950
CH4 (ppbv)
80 100 120 140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

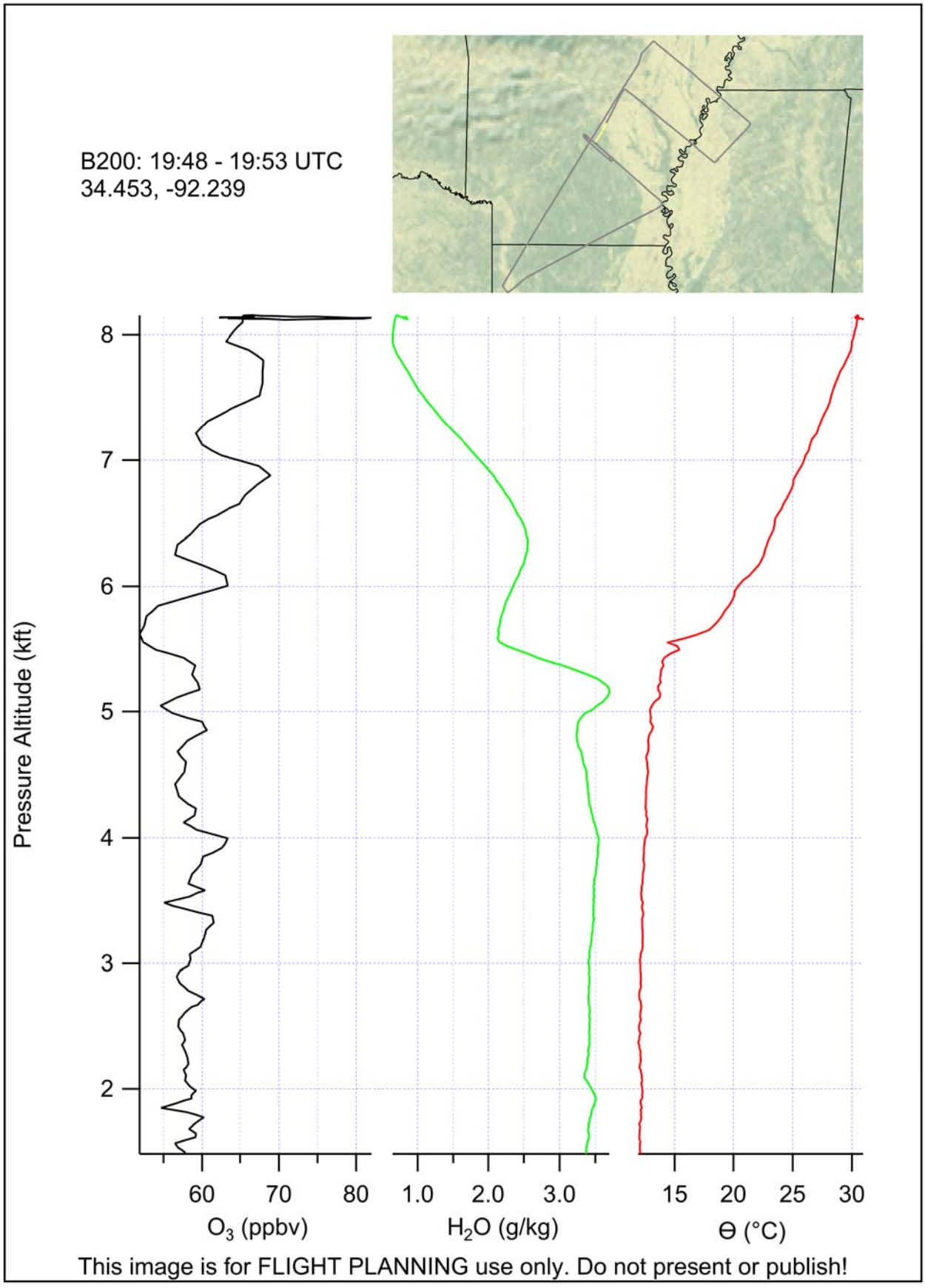

B200: 17:20 - 17:38 UTC
32.792, -93.636
Pressure Altitude (kft)
0
5
10
15
20
60 70 80 90 100 110
O3 (ppbv)
1 2 3 4
H2O (g/kg)
20 30 40 50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

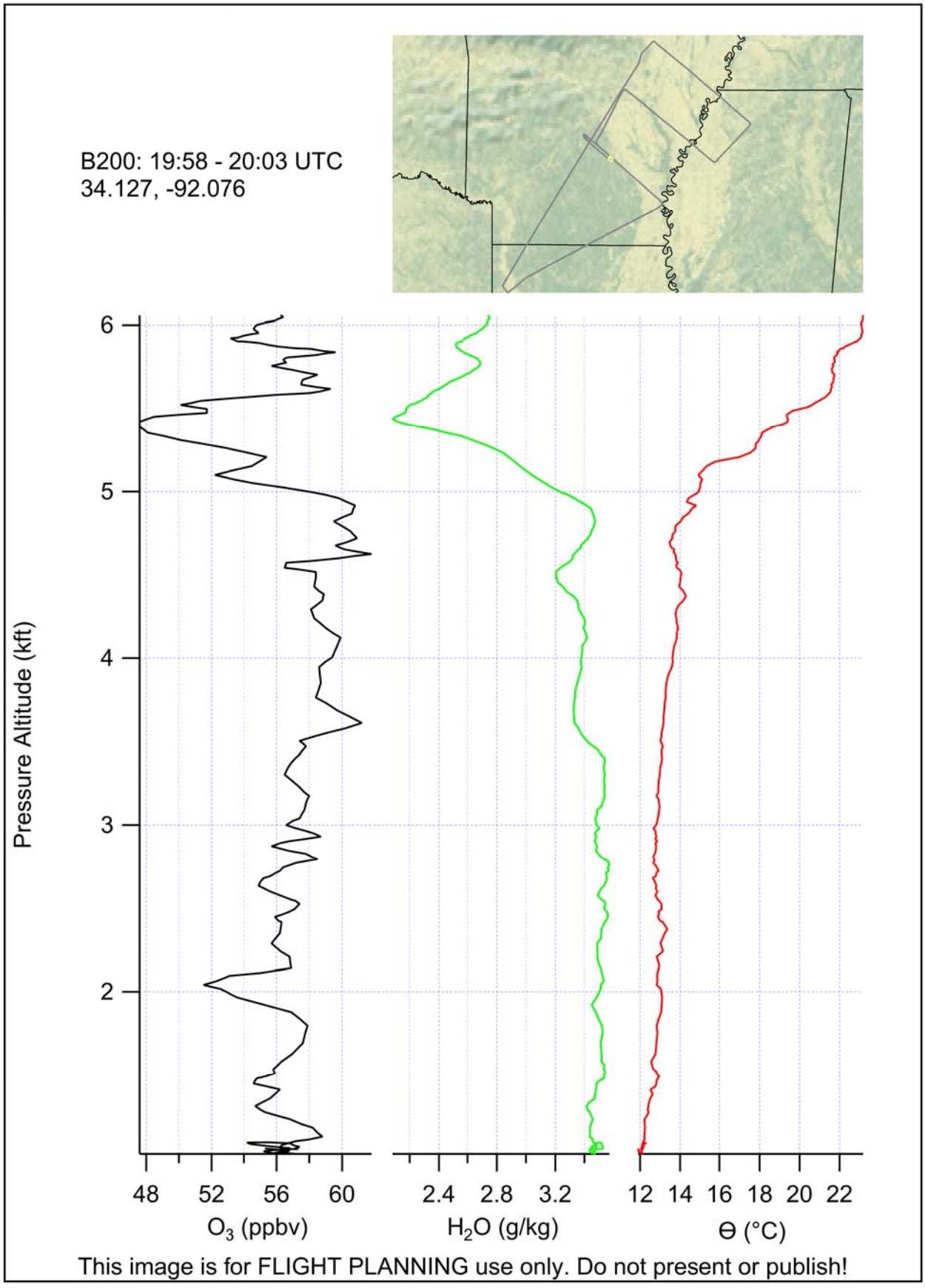

B200: 18:05 - 18:23 UTC
35.23, -91.711
Pressure Altitude (kft)
20
15
10
5
60 80 100 120
O3 (ppbv)
0.5 1.0 1.5 2.0 2.5
H2O (g/kg)
10 20 30 40 50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

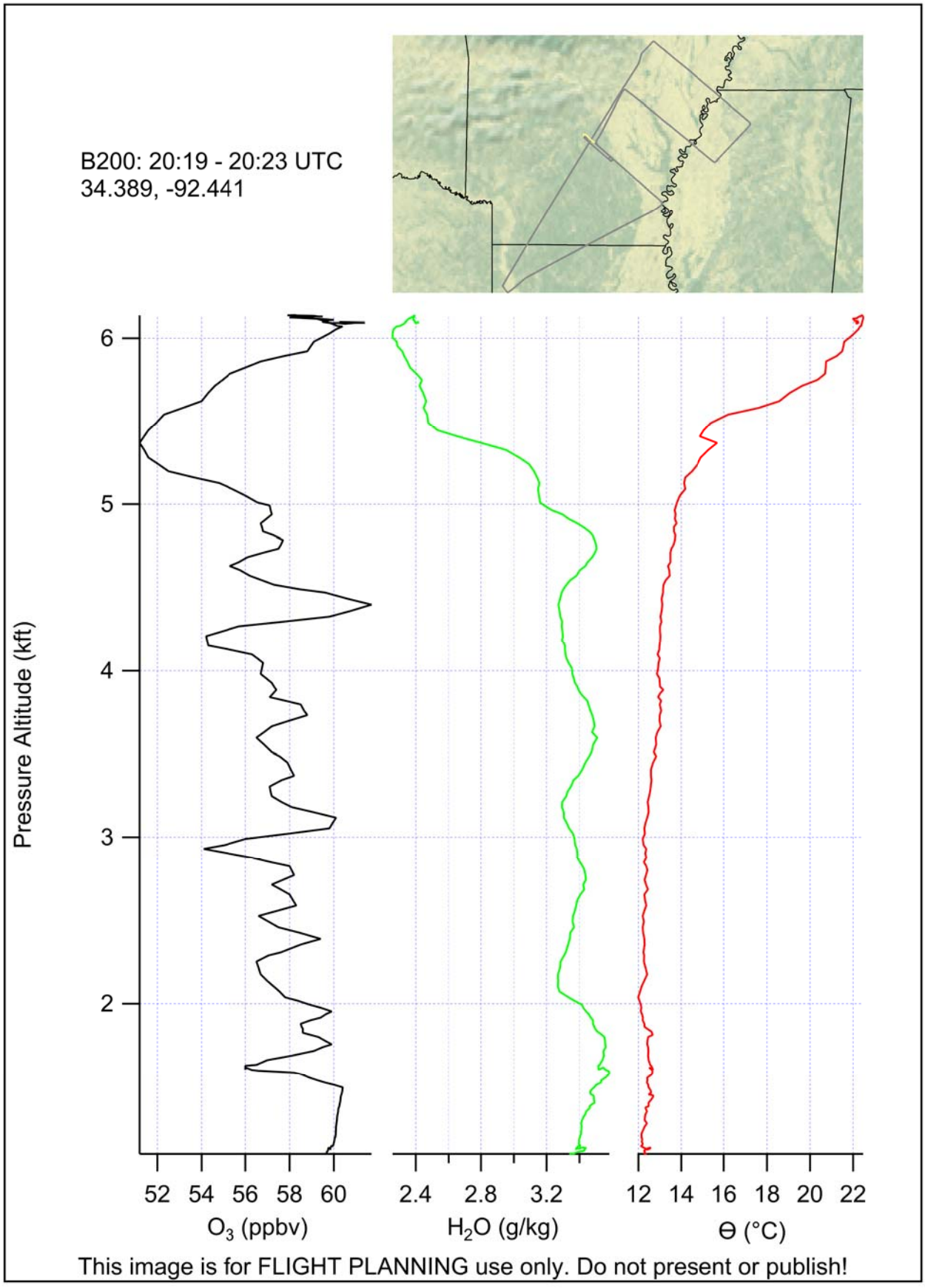

B200: 18:53 - 18:58 UTC
34.541, -89.812
Pressure Altitude (kft)
7
6
5
4
3
2
50 55 60 65 70
O3 (ppbv)
2.0 2.5 3.0
H2O (g/kg)
10 15 20 25
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

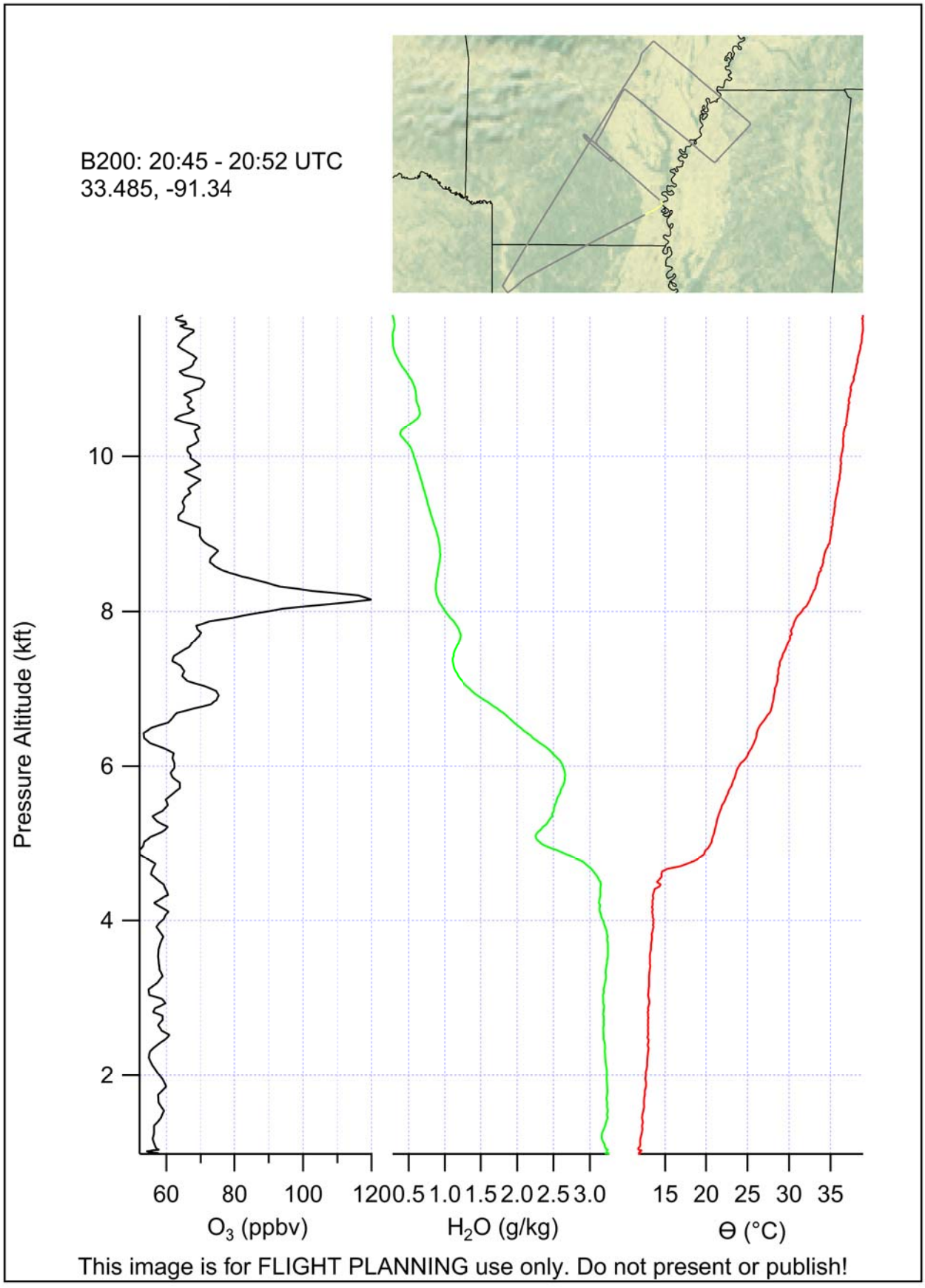

B200: 19:02 - 19:07 UTC
34.195, -90.197
Pressure Altitude (kft)
8
7
6
5
4
3
2
50 60 70 80
O3 (ppbv)
0.5 1.0 1.5 2.0 2.5 3.0 3.5
H2O (g/kg)
10 15 20 25 30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

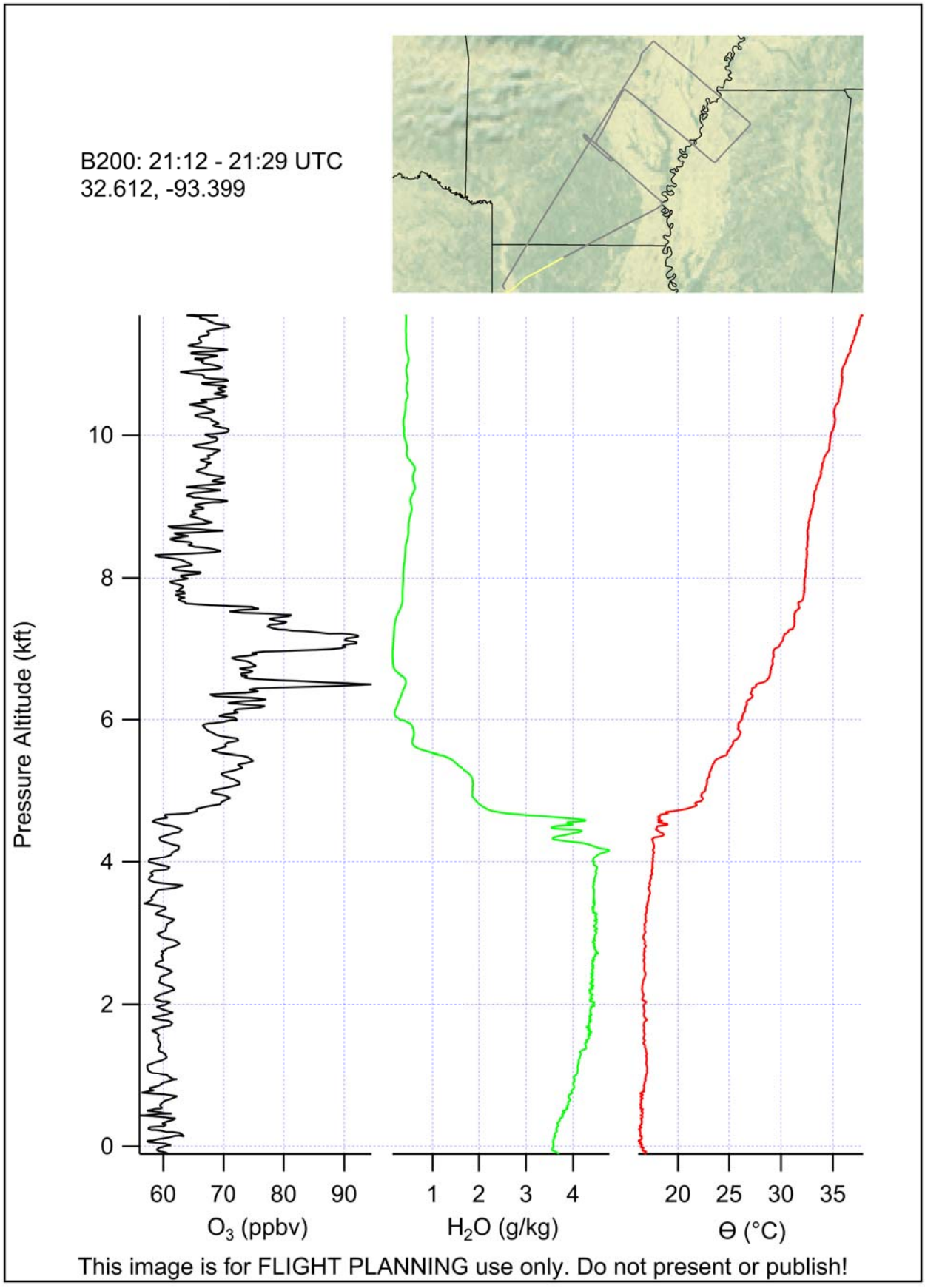

B200: 19:38 - 19:44 UTC
34.95, -91.883
Pressure Altitude (kft)
8
7
6
5
4
3
2
1
50 55 60 65 70
O3 (ppbv)
1.5 2.0 2.5 3.0
H2O (g/kg)
15 20 25 30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:48 - 19:53 UTC
34.453, -92.239
Pressure Altitude (kft)
8
7
6
5
4
3
2
60
70
80
O3 (ppbv)
1.0
2.0
3.0
H2O (g/kg)
15
20
25
30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:58 - 20:03 UTC
34.127, -92.076
Pressure Altitude (kft)
6
5
4
3
2
48
52
56
60
O3 (ppbv)
2.4
2.8
3.2
H2O (g/kg)
12
14
16
18
20
22
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 20:19 - 20:23 UTC
34.389, -92.441
Pressure Altitude (kft)
6
5
4
3
2
52 54 56 58 60
O3 (ppbv)
2.4 2.8 3.2
H2O (g/kg)
12 14 16 18 20 22
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 20:45 - 20:52 UTC
33.485, -91.34
Pressure Altitude (kft)
10
8
6
4
2
60
80
100
120
O3 (ppbv)
0.5
1.0
1.5
2.0
2.5
3.0
H2O (g/kg)
15
20
25
30
35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 21:12 - 21:29 UTC
32.612, -93.399
Pressure Altitude (kft)
0
2
4
6
8
10
60
70
80
90
O3 (ppbv)
1
2
3
4
H2O (g/kg)
20
25
30
35
Θ (°C)
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