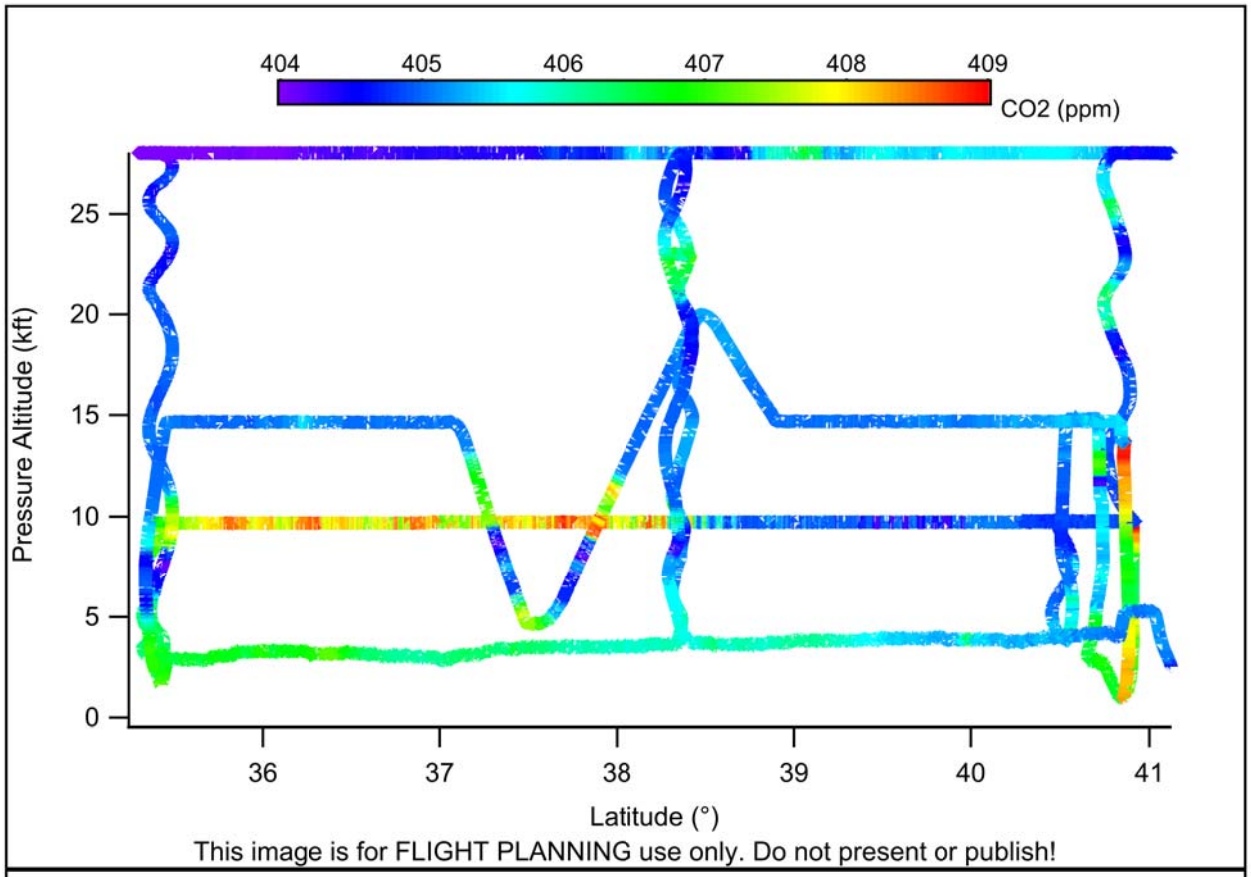
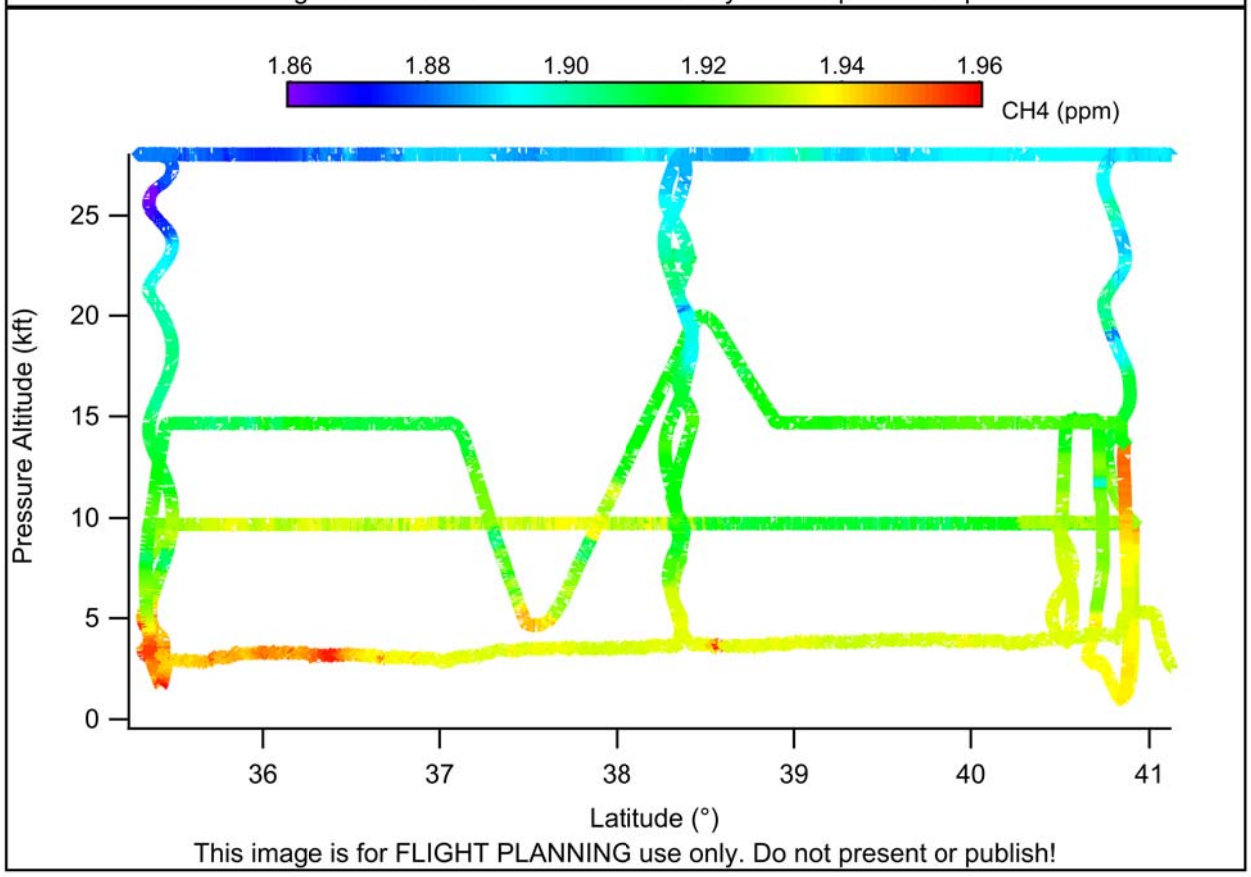
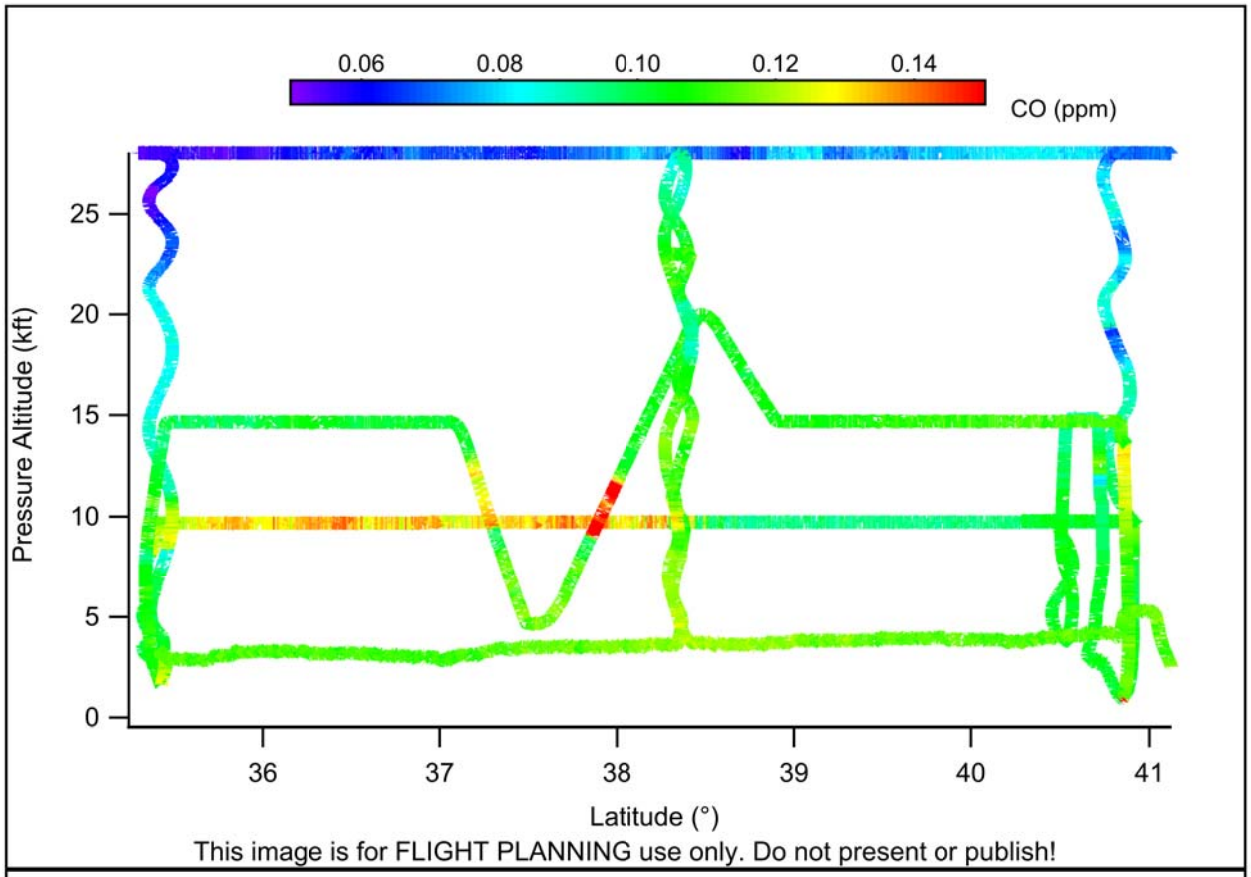
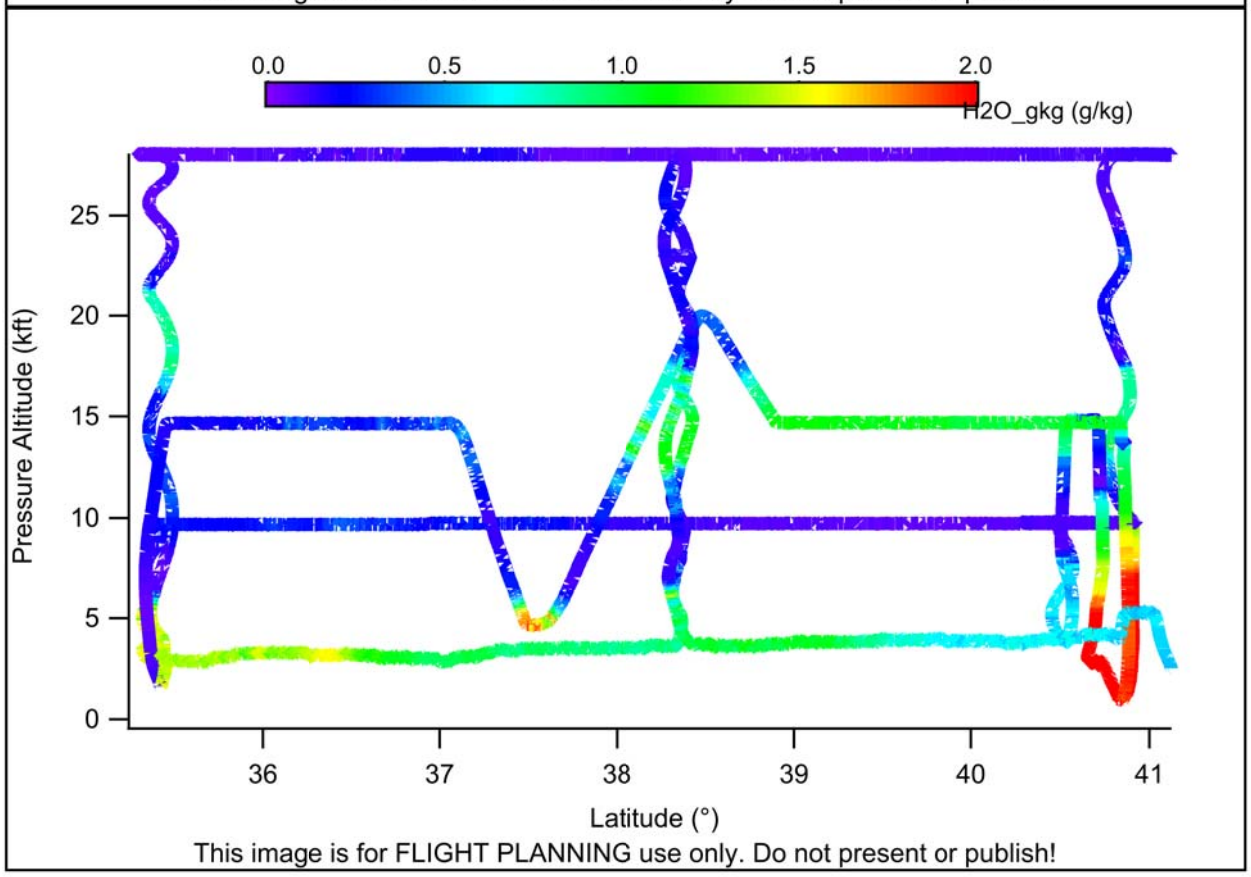
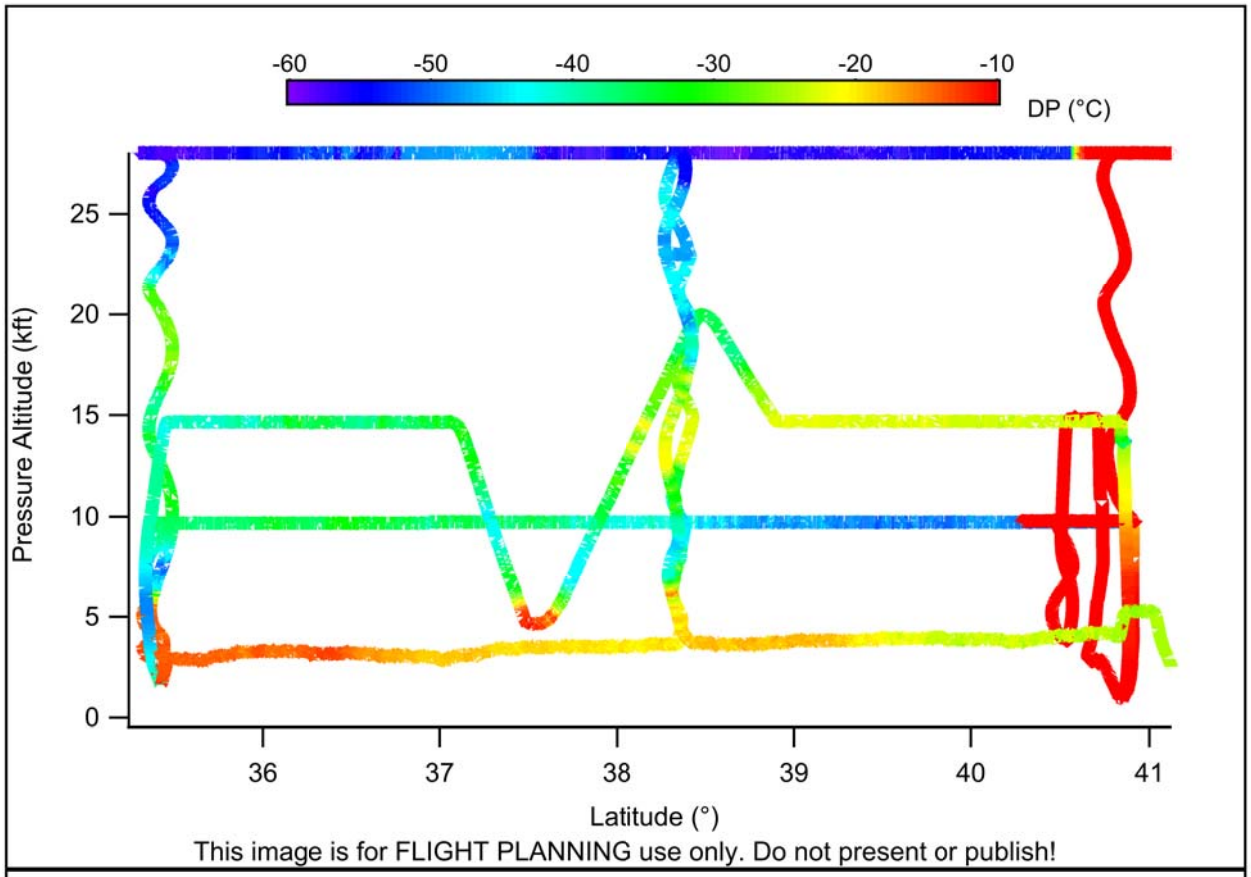
ACT-America 20171027

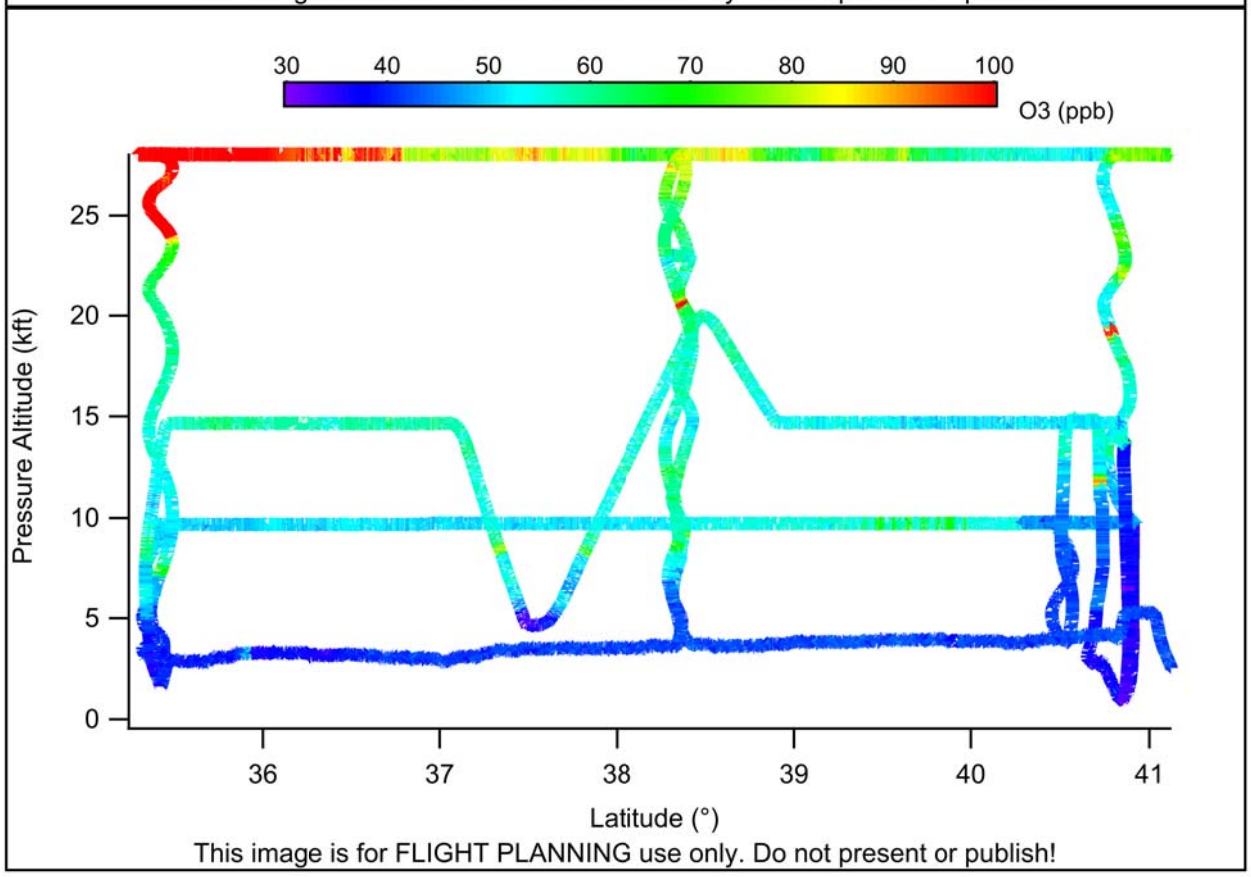

404
405
406
407
408
409
CO2 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
25
36
37
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

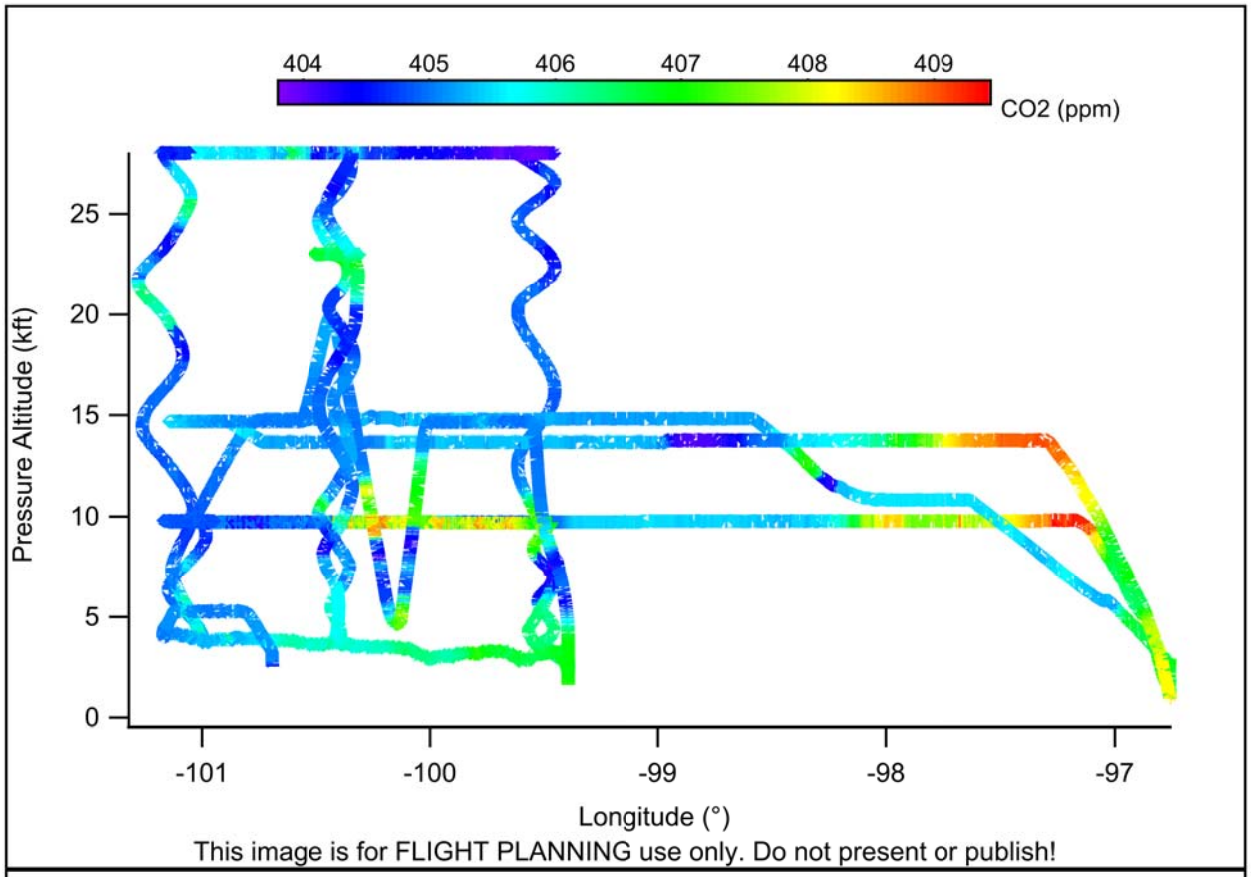

1.86
1.88
1.90
1.92
1.94
1.96
CH4 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
25
36
37
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

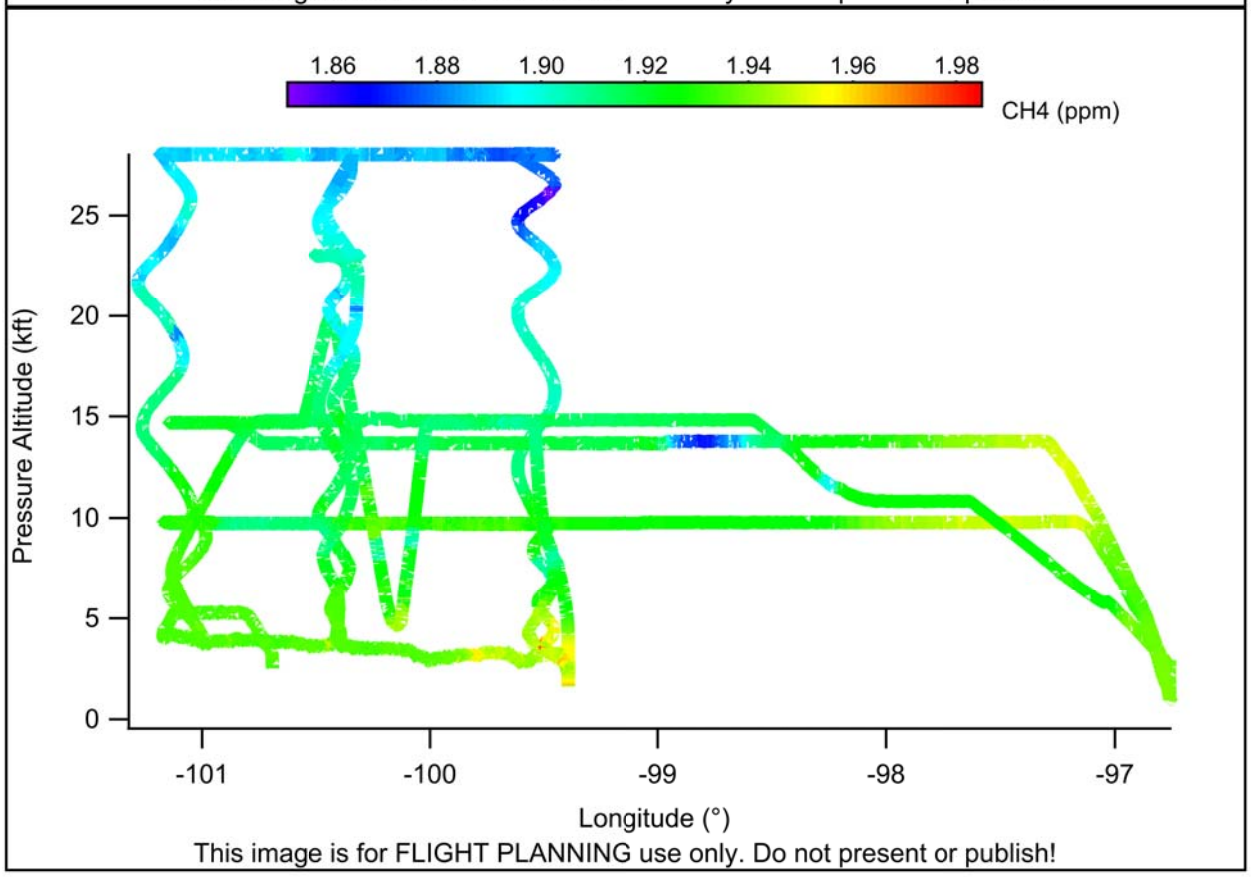

0.06
0.08
0.10
0.12
0.14
CO (ppm)
Pressure Altitude (kft)
0
5
10
15
20
25
36
37
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

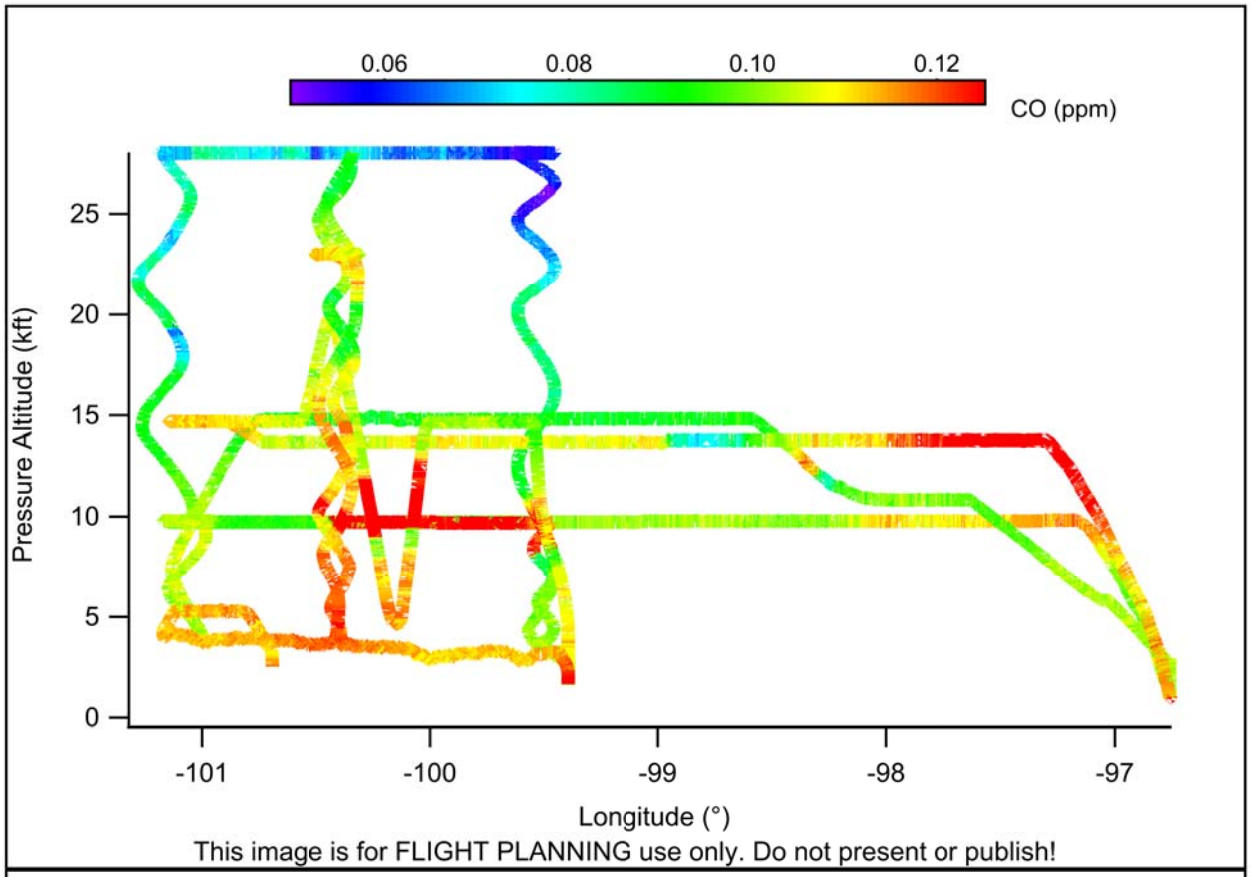

0.0
0.5
1.0
1.5
2.0
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
5
10
15
20
25
36
37
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

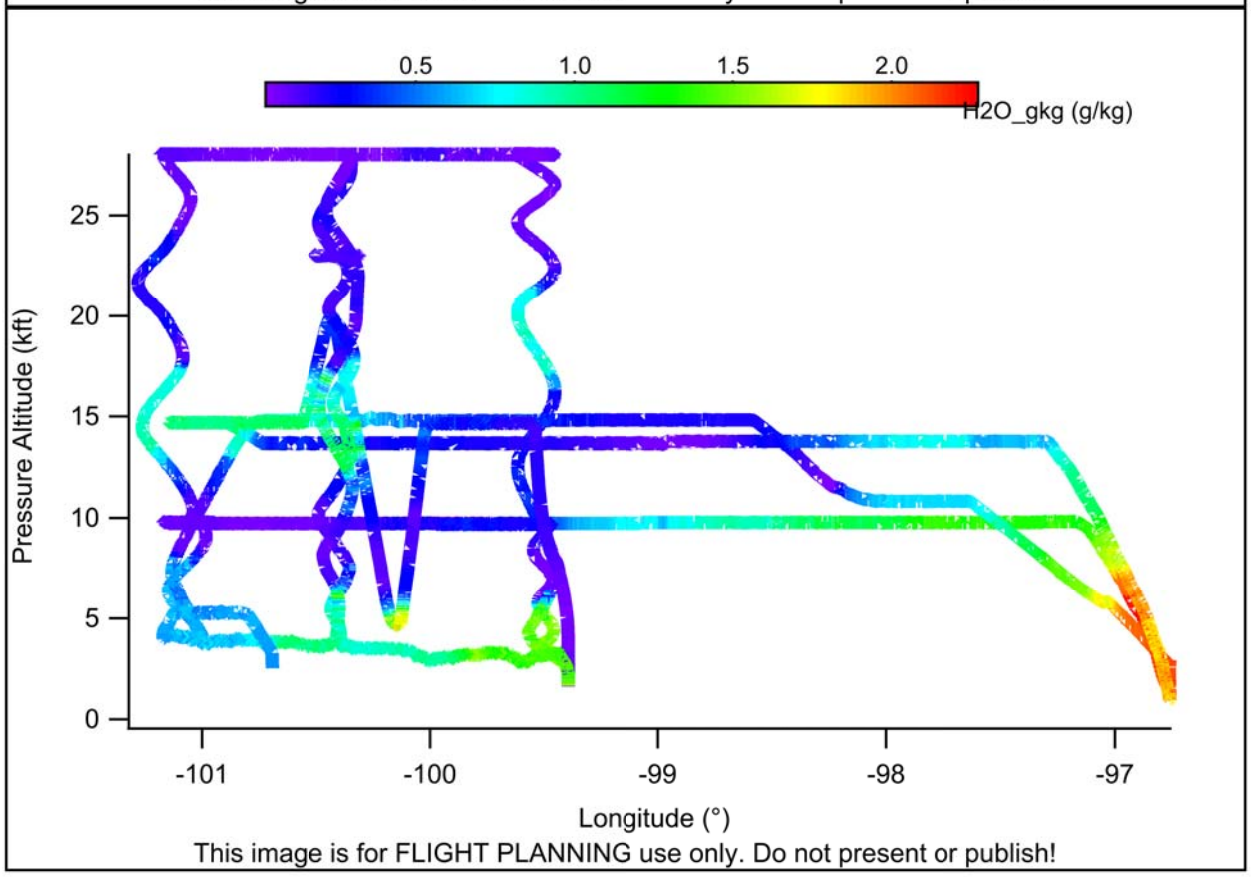

-60
-50
-40
-30
-20
-10
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
36
37
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

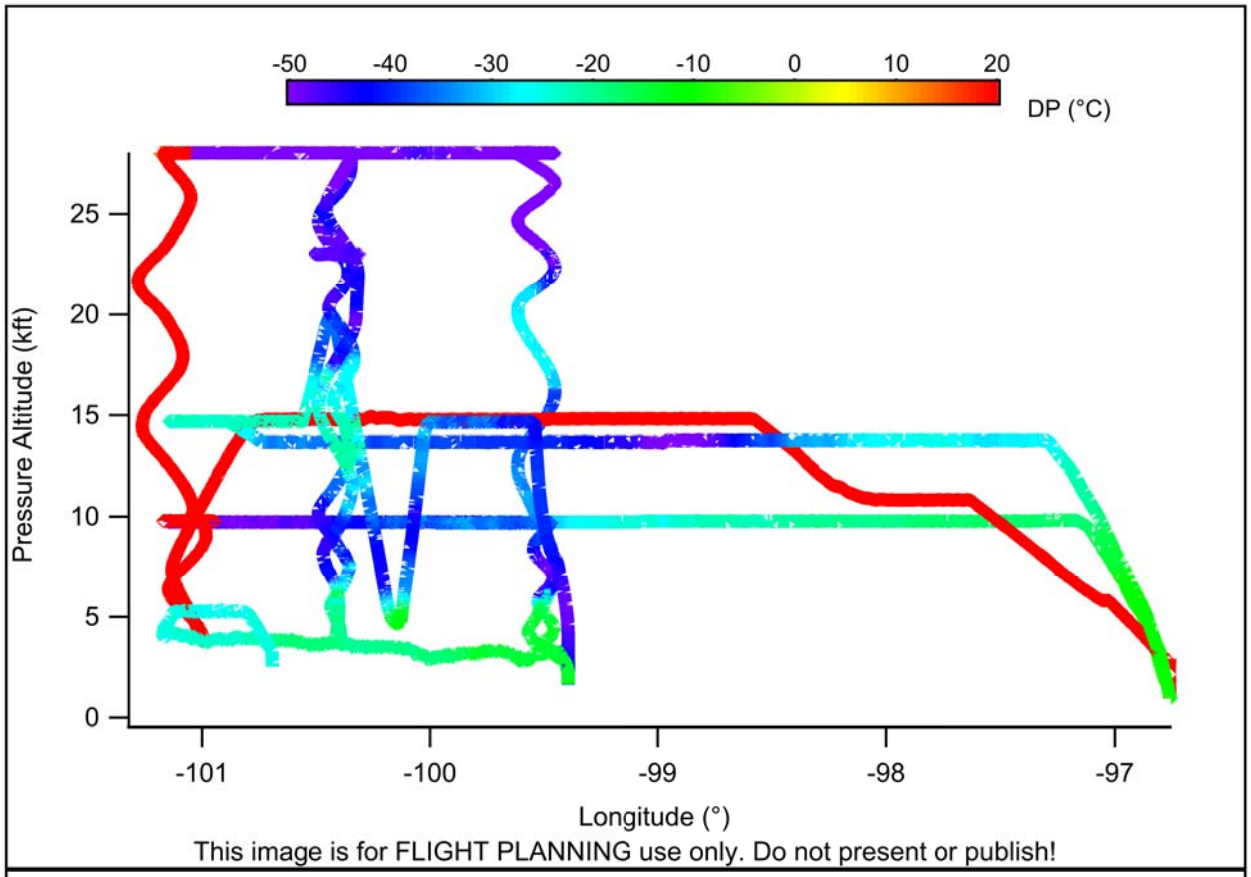

30
40
50
60
70
80
90
100
O3 (ppb)
Pressure Altitude (kft)
25
20
15
10
5
0
36
37
38
39
40
41
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

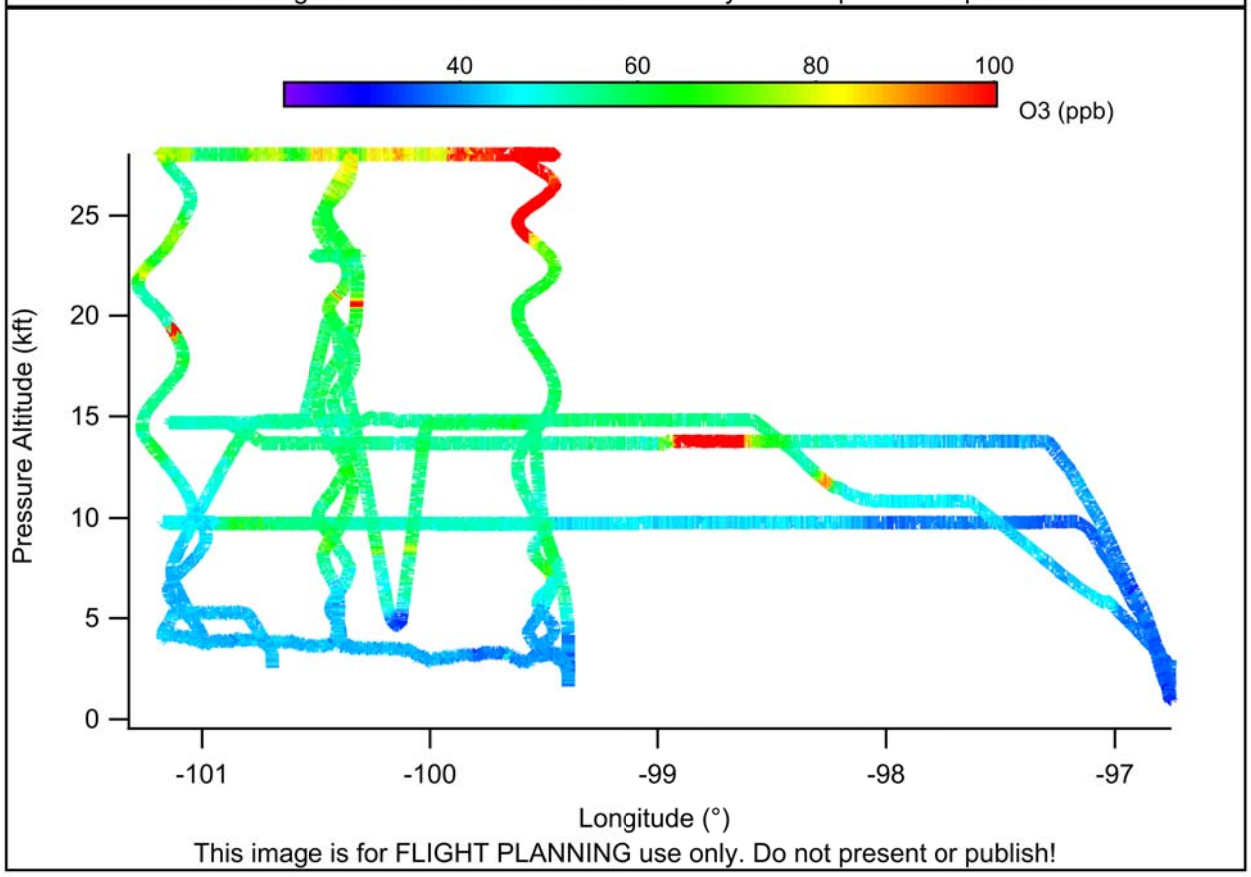

404
405
406
407
408
409
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

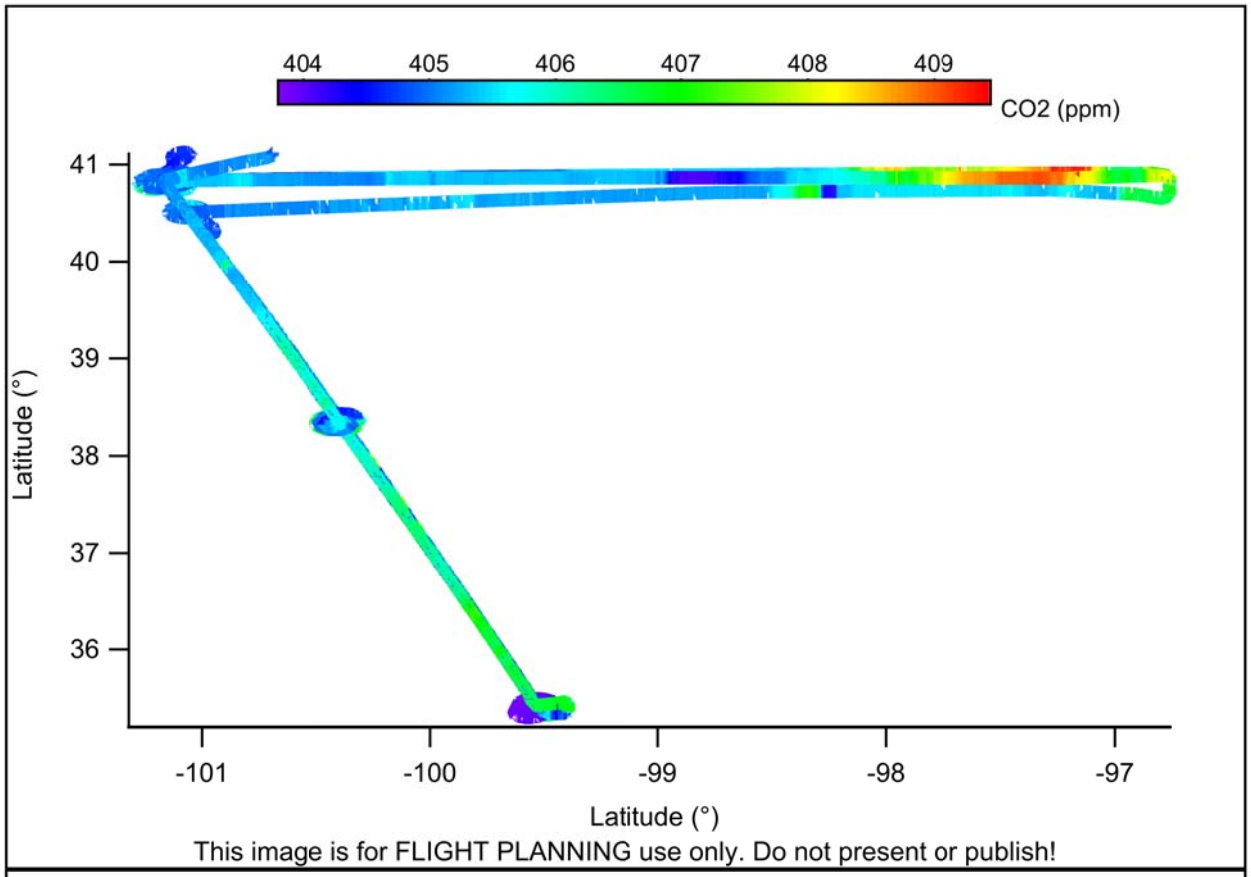

1.86
1.88
1.90
1.92
1.94
1.96
1.98
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

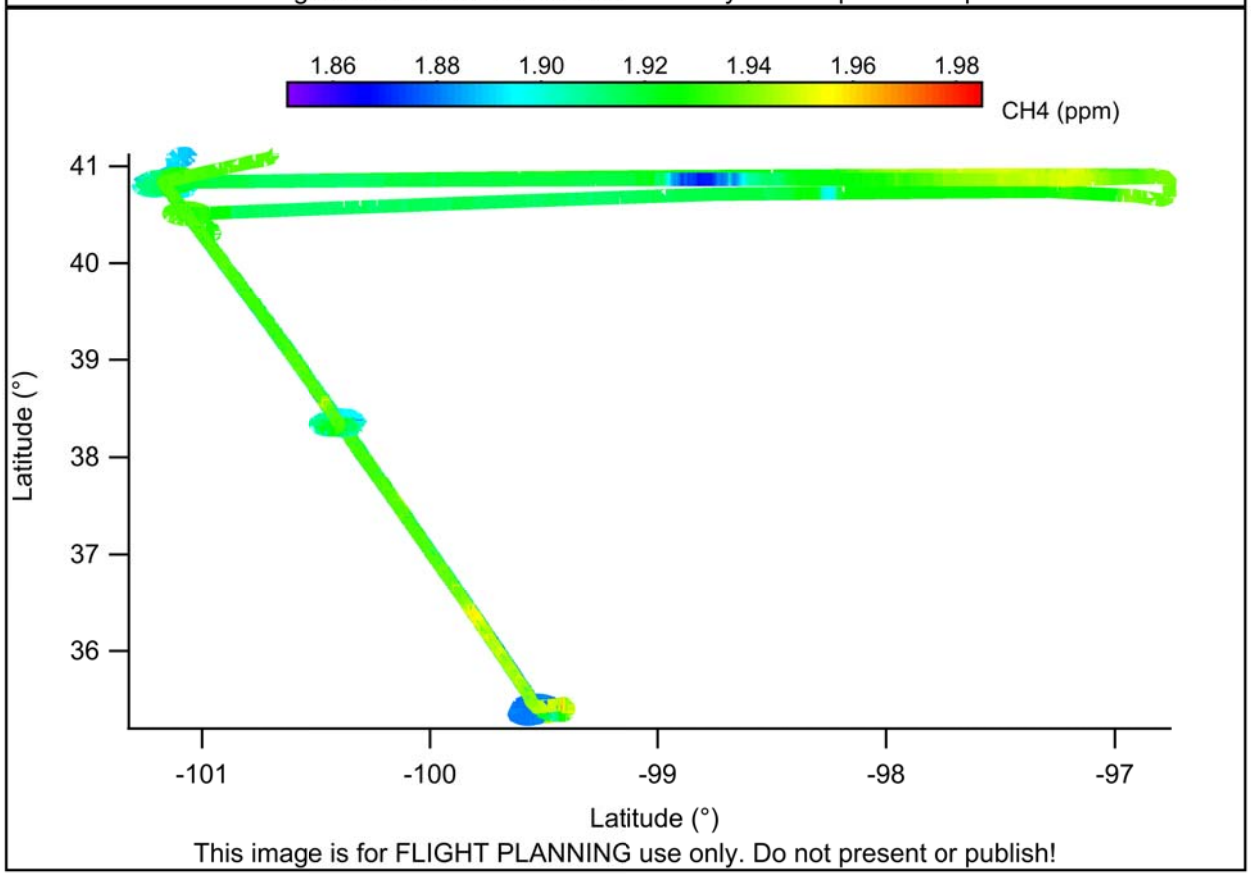

0.06
0.08
0.10
0.12
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

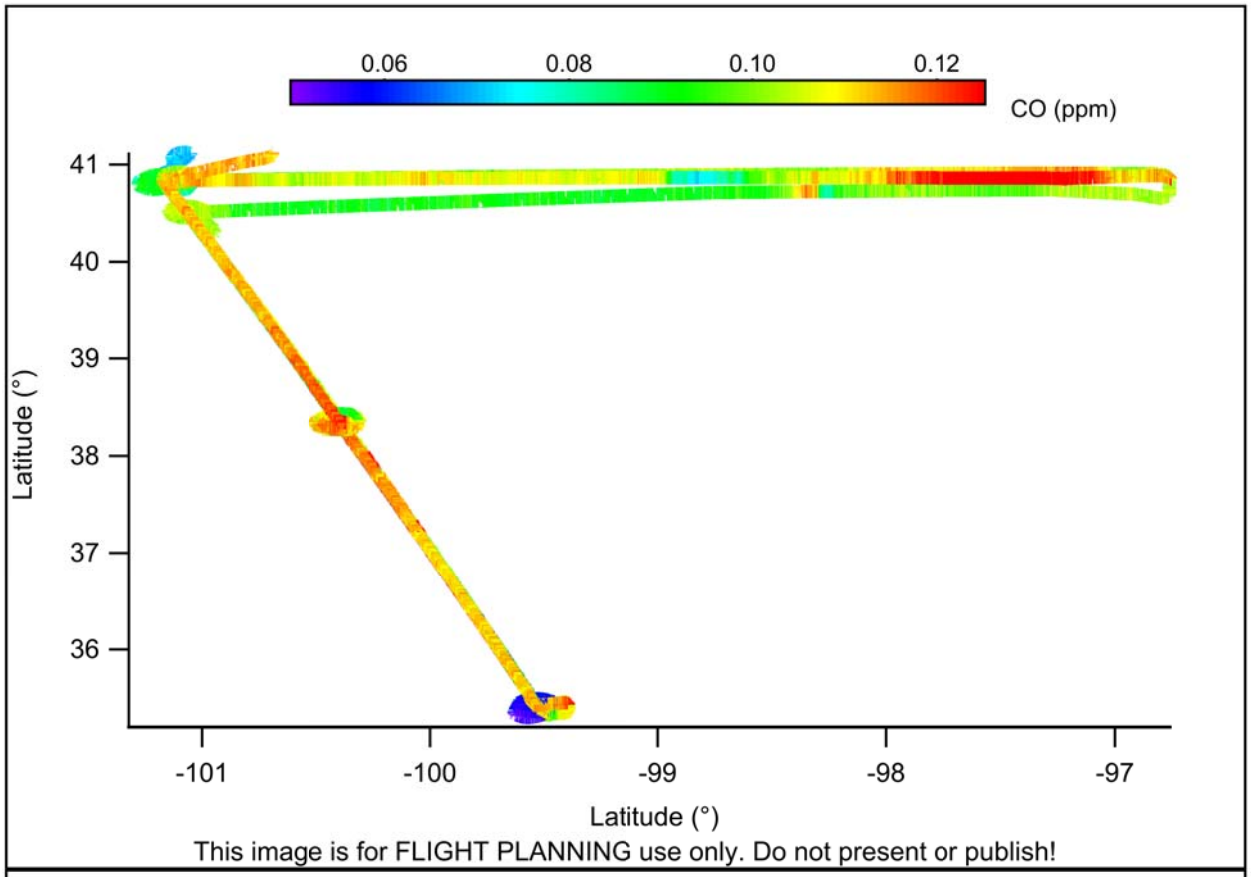

0.5
1.0
1.5
2.0
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

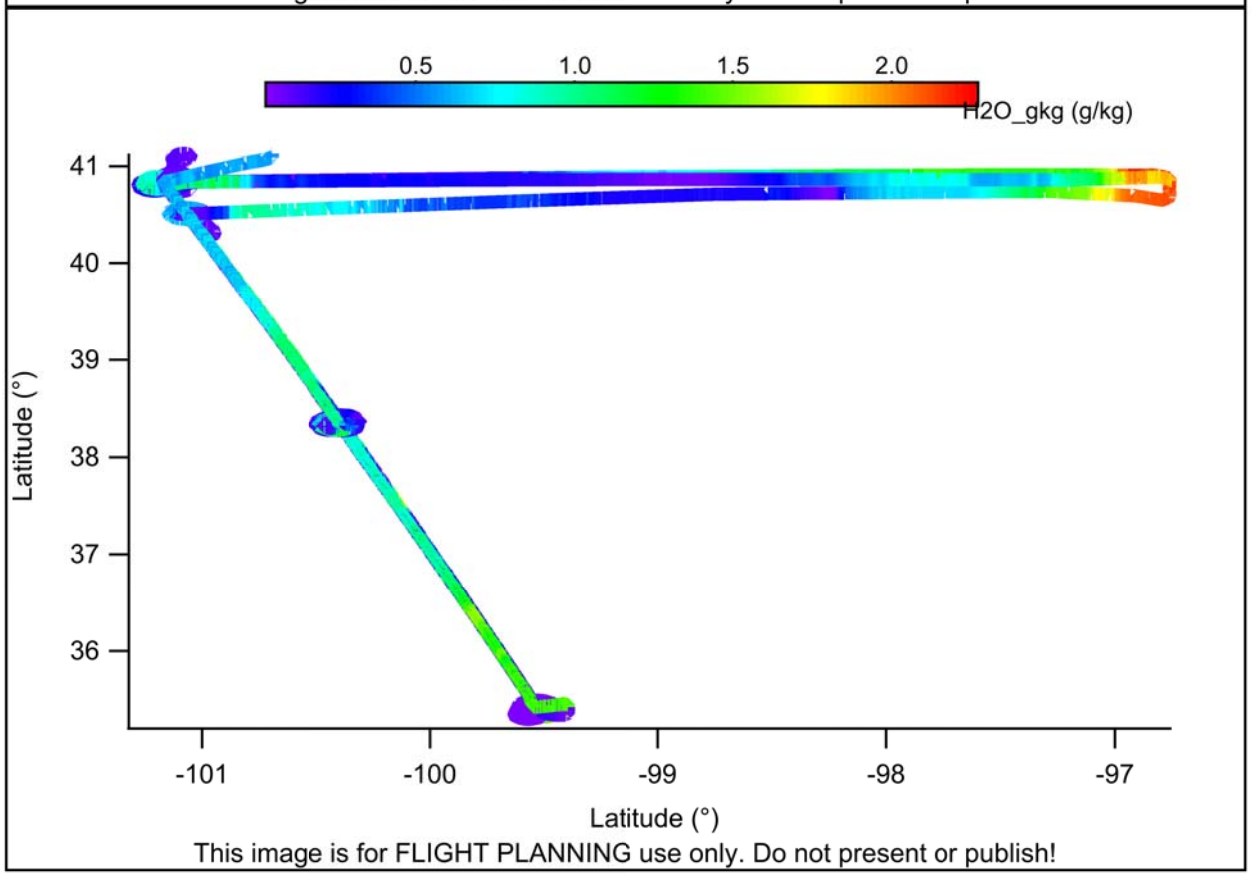

-50
-40
-30
-20
-10
0
10
20
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

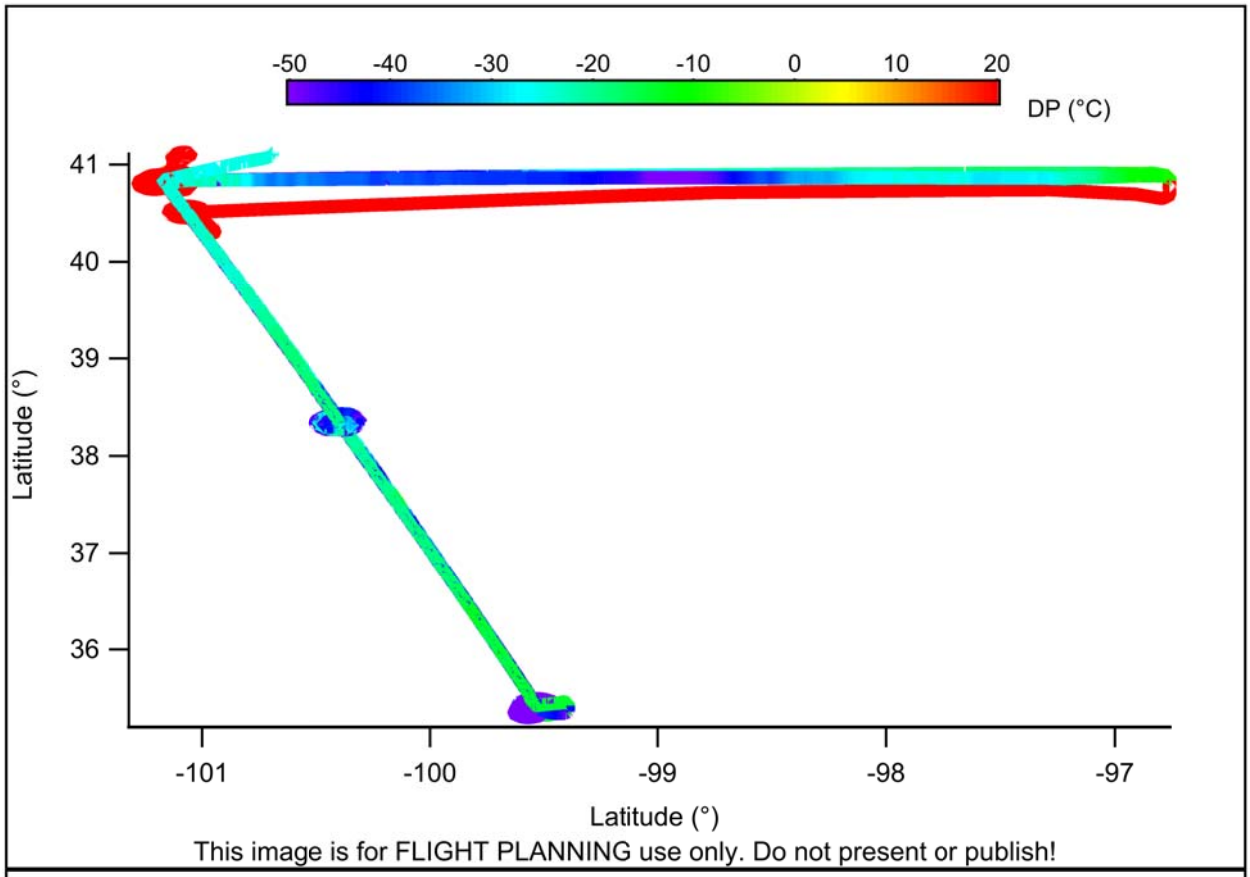

40
60
80
100
O3 (ppb)
Pressure Altitude (kft)
25
20
15
10
5
0
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

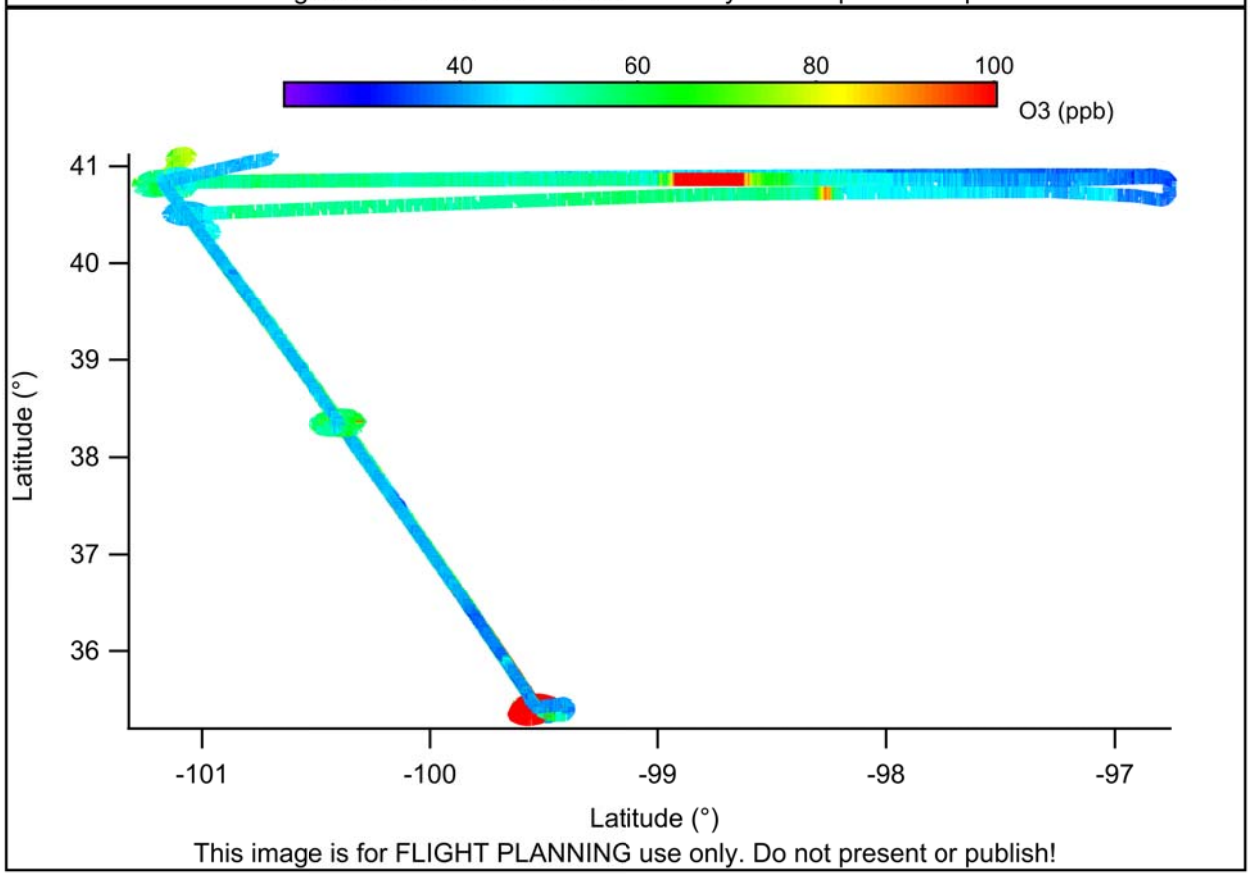

404
405
406
407
408
409
CO2 (ppm)
41
40
39
38
37
36
Latitude (°)
-101
-100
-99
-98
-97
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

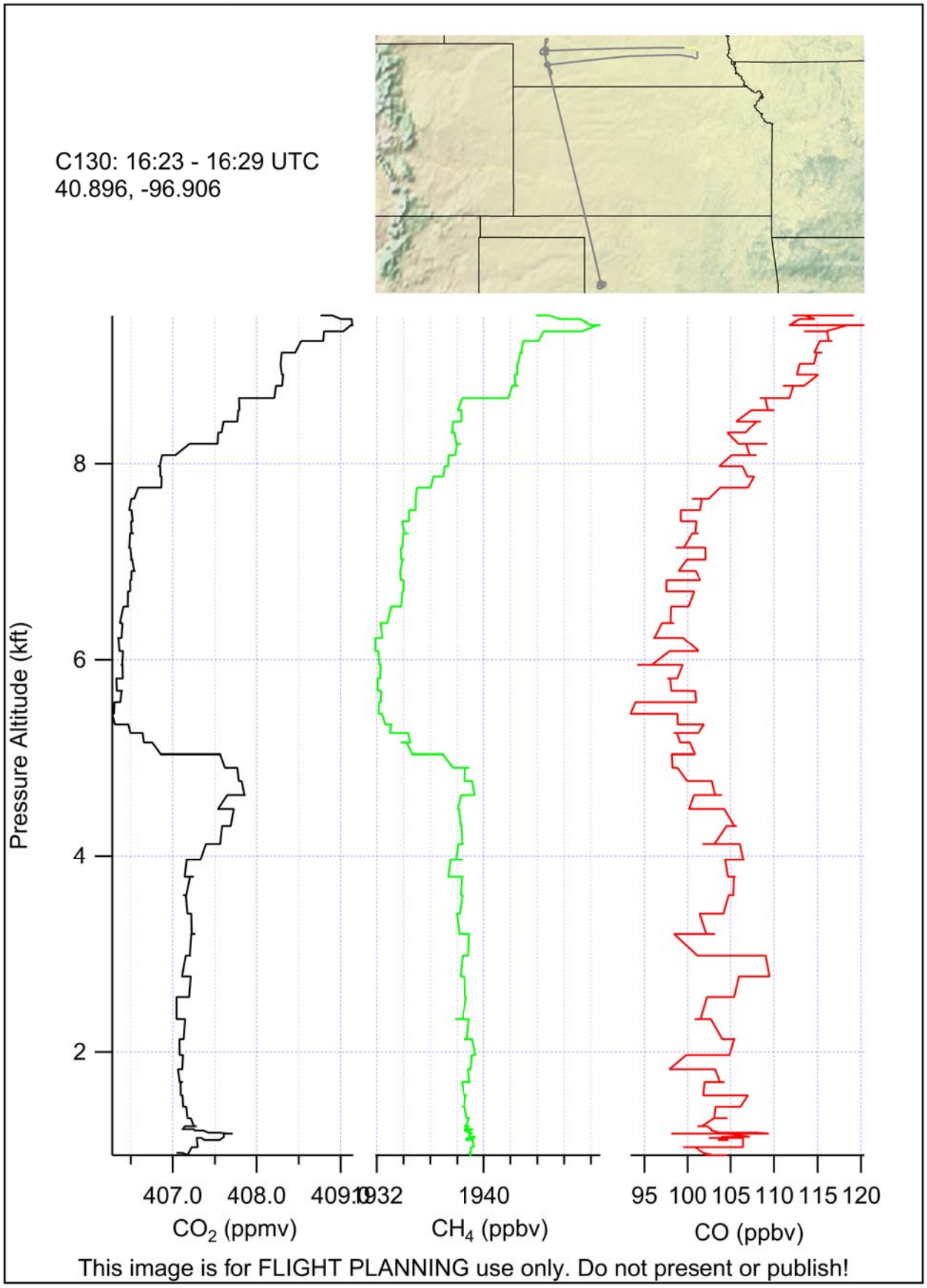

1.86
1.88
1.90
1.92
1.94
1.96
1.98
CH4 (ppm)
41
40
39
38
37
36
Latitude (°)
-101
-100
-99
-98
-97
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

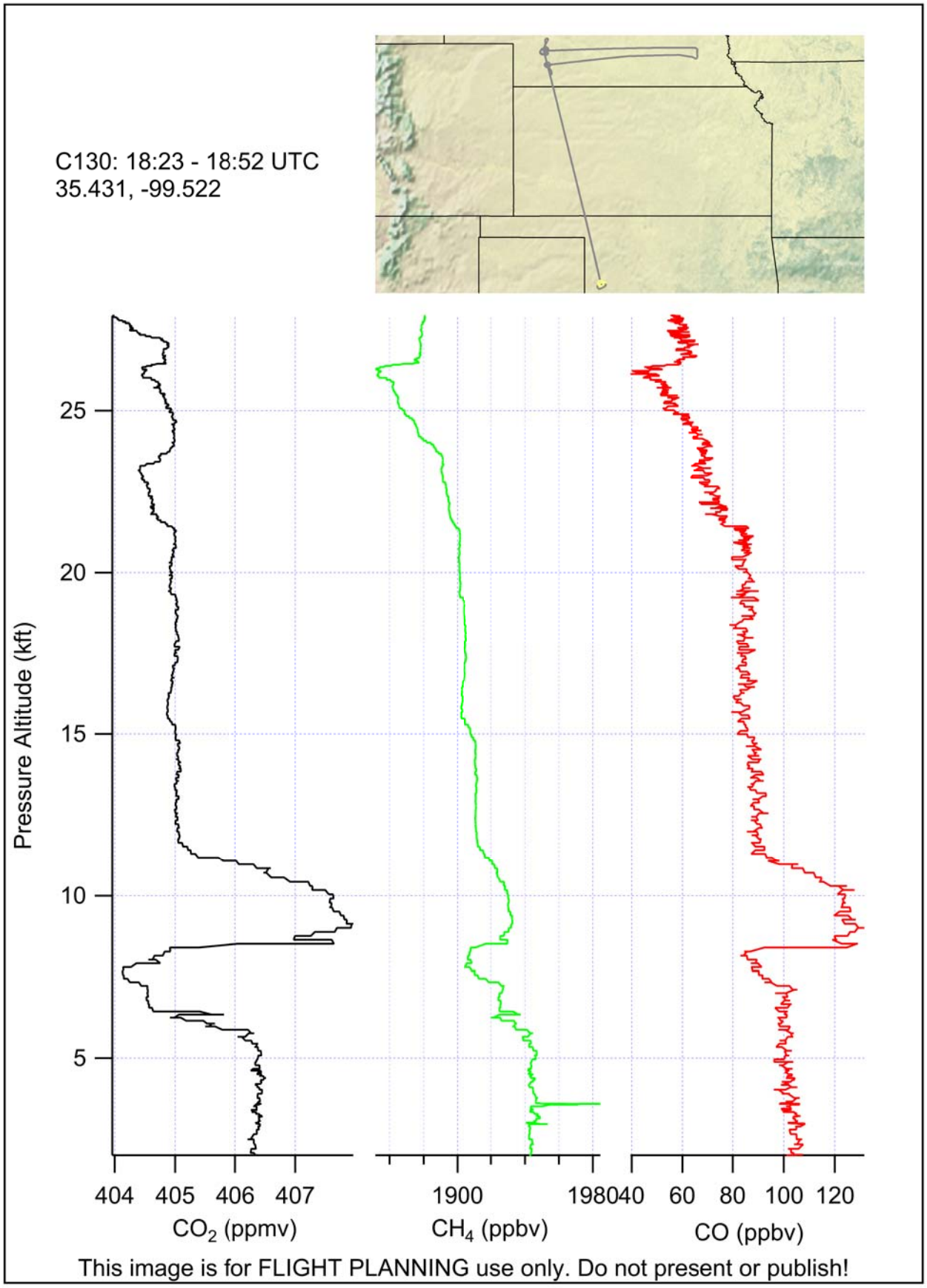

0.06
0.08
0.10
0.12
CO (ppm)
41
40
39
38
37
36
Latitude (°)
-101
-100
-99
-98
-97
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

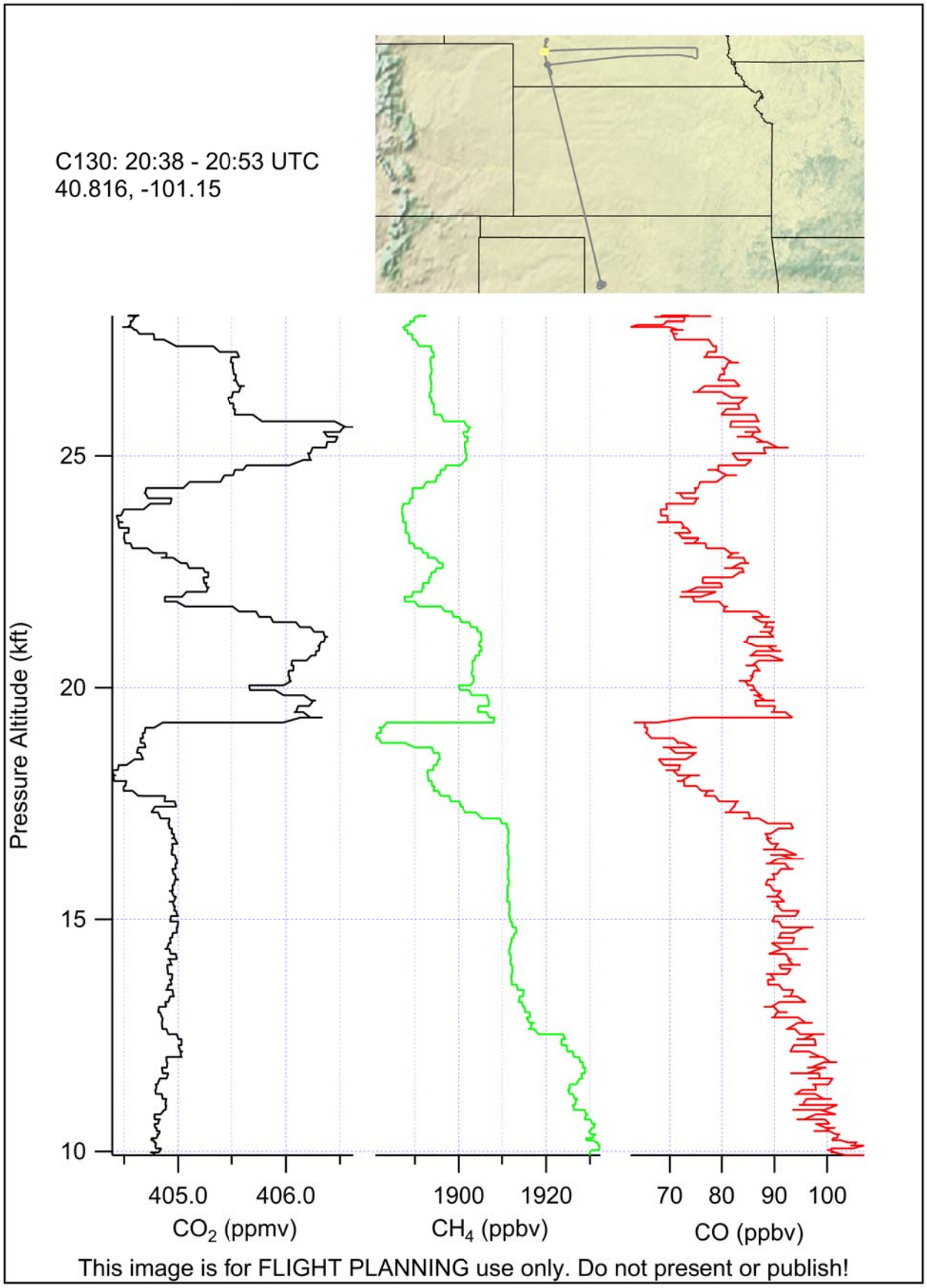

0.5
1.0
1.5
2.0
H2O_gkg (g/kg)
41
40
39
38
37
36
Latitude (°)
-101
-100
-99
-98
-97
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

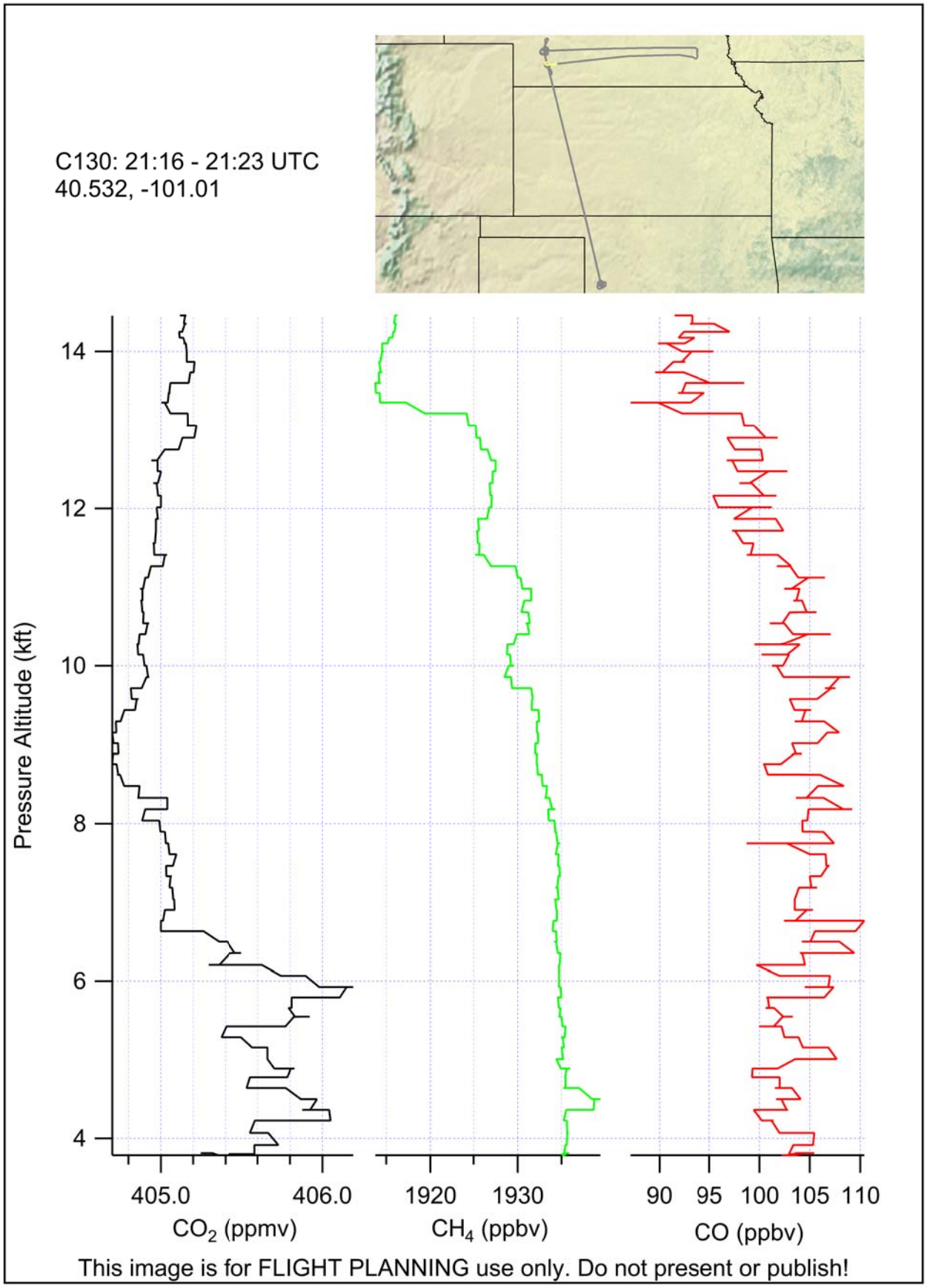

-50
-40
-30
-20
-10
0
10
20
DP (°C)
41
40
39
38
37
36
Latitude (°)
-101
-100
-99
-98
-97
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

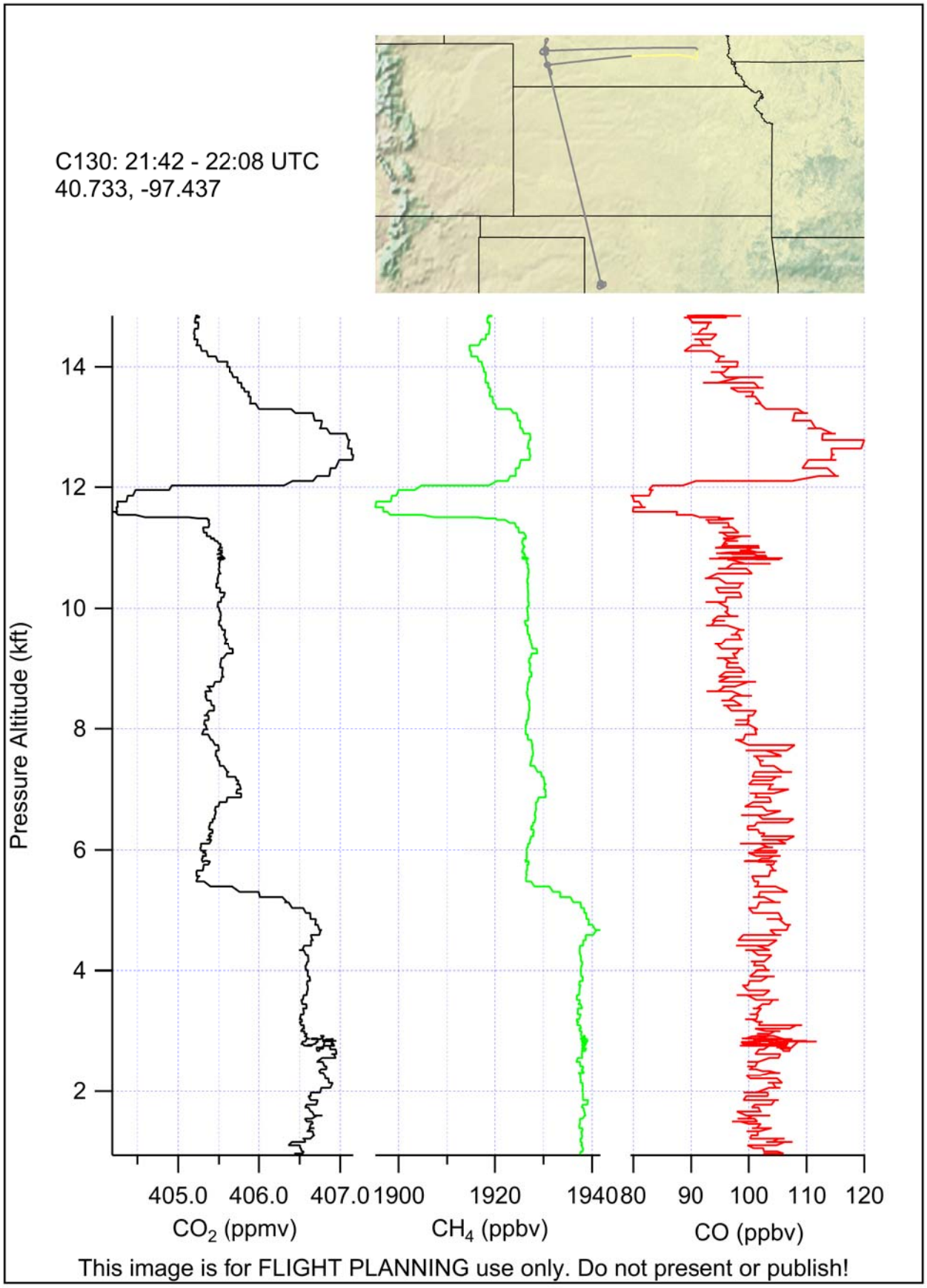

40
60
80
100
O3 (ppb)
41
40
39
38
37
36
Latitude (°)
-101
-100
-99
-98
-97
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:23 - 16:29 UTC
40.896, -96.906
Pressure Altitude (kft)
8
6
4
2
407.0
408.0
409.0
1932
1940
95
100
105
110
115
120
CO2 (ppmv)
CH4 (ppbv)
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:23 - 18:52 UTC
35.431, -99.522
Pressure Altitude (kft)
25
20
15
10
5
404 405 406 407
CO2 (ppmv)
1900 1980
CH4 (ppbv)
40 60 80 100 120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:38 - 20:53 UTC
40.816, -101.15
Pressure Altitude (kft)
25
20
15
10
405.0
406.0
CO_2 (ppmv)
1900
1920
CH_4 (ppbv)
70
80
90
100
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 21:16 - 21:23 UTC
40.532, -101.01
Pressure Altitude (kft)
14
12
10
8
6
4
405.0
406.0
CO2 (ppmv)
1920
1930
CH4 (ppbv)
90
95
100
105
110
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 21:42 - 22:08 UTC
40.733, -97.437
Pressure Altitude (kft)
14
12
10
8
6
4
2
405.0 406.0 407.0
CO2 (ppmv)
1900 1920 1940
CH4 (ppbv)
80 90 100 110 120
CO (ppbv)
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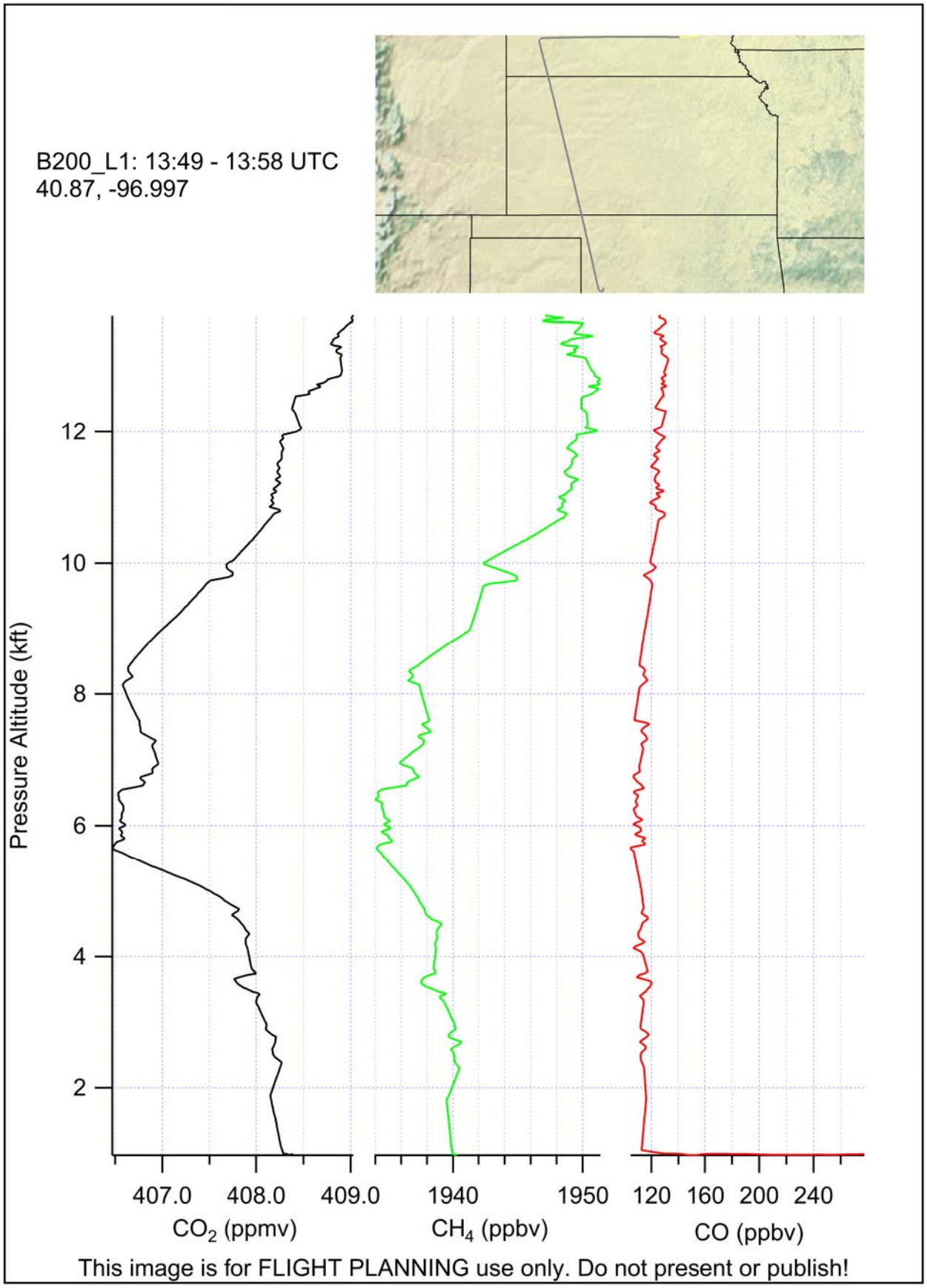
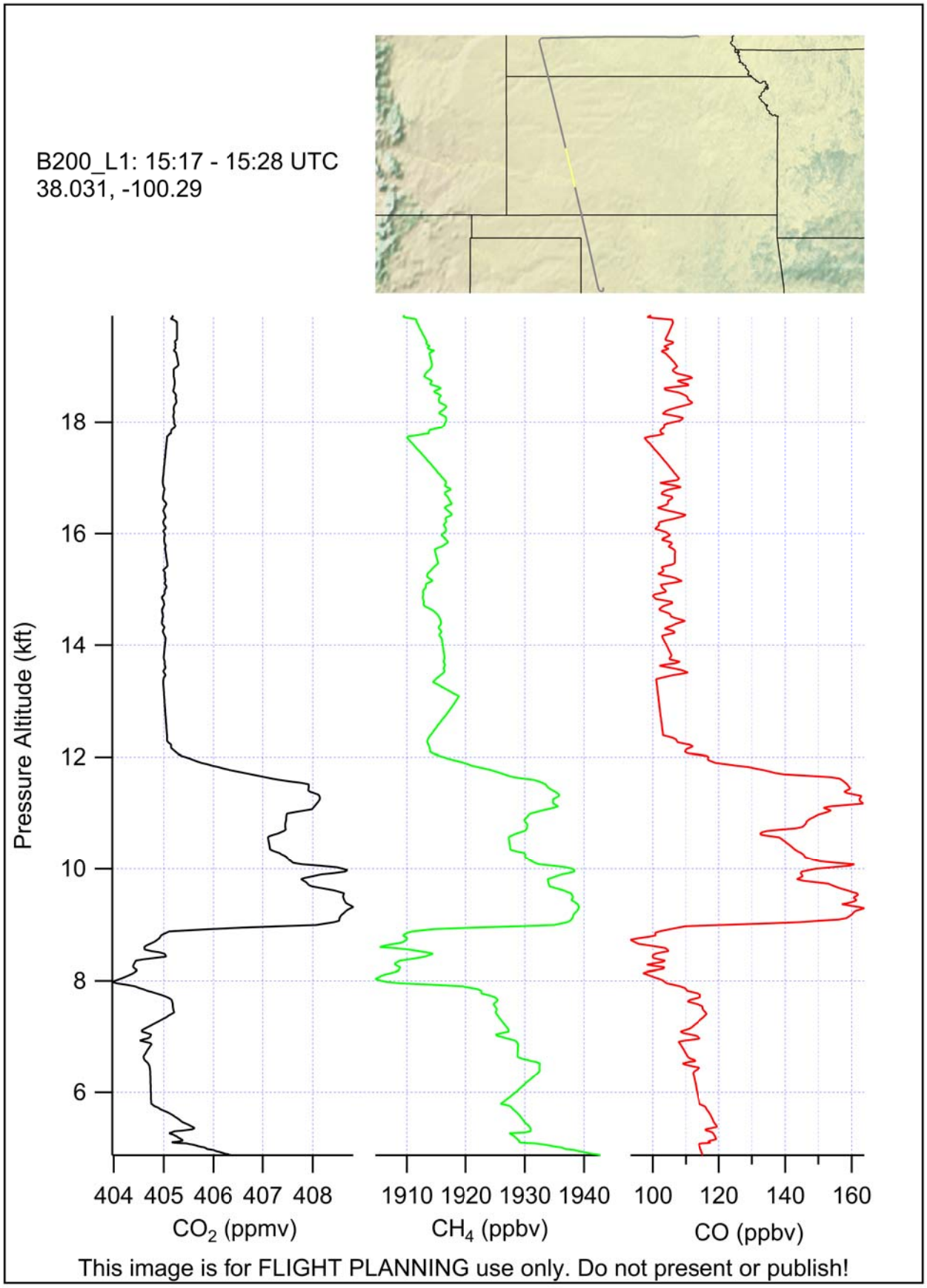
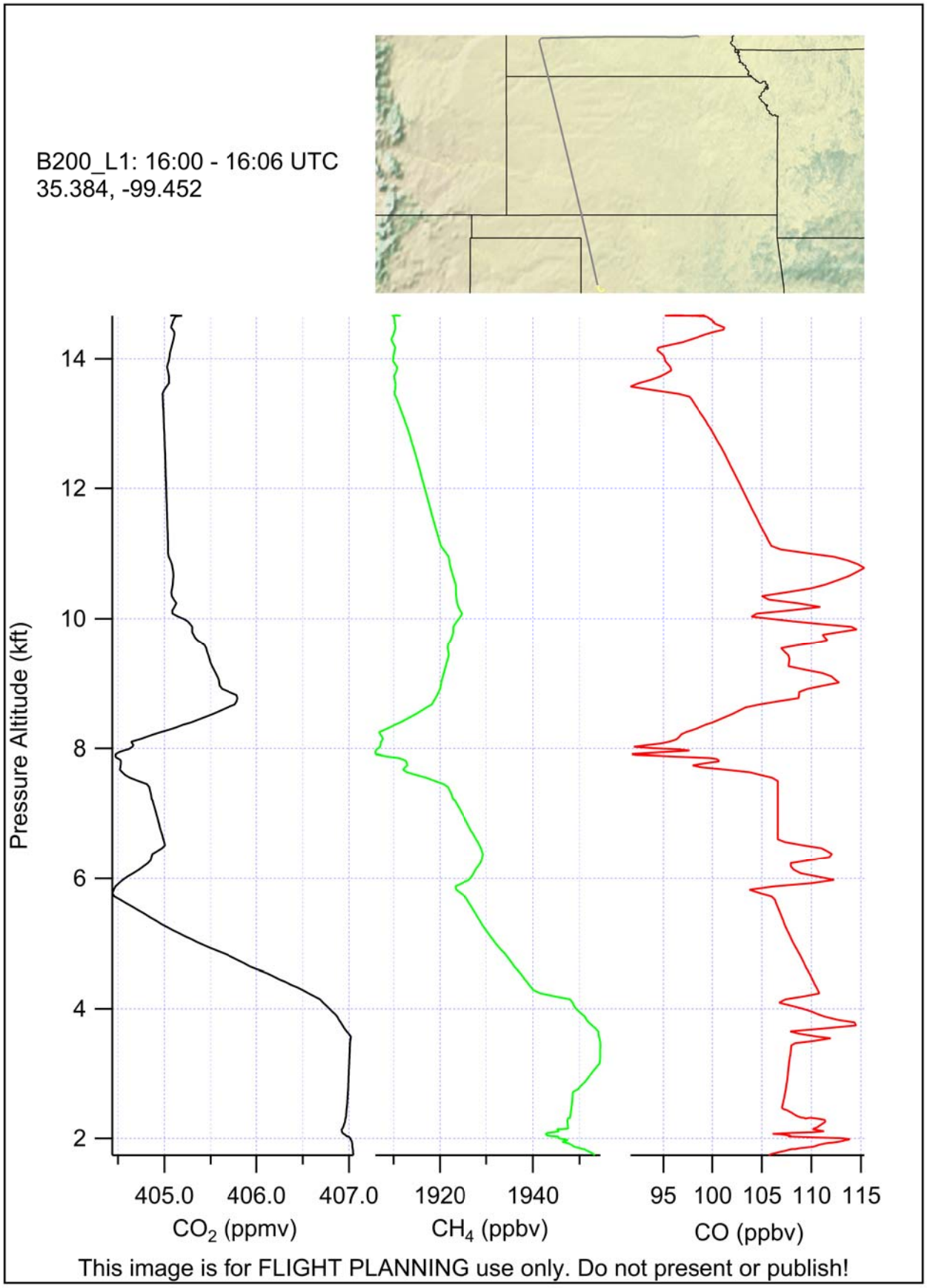
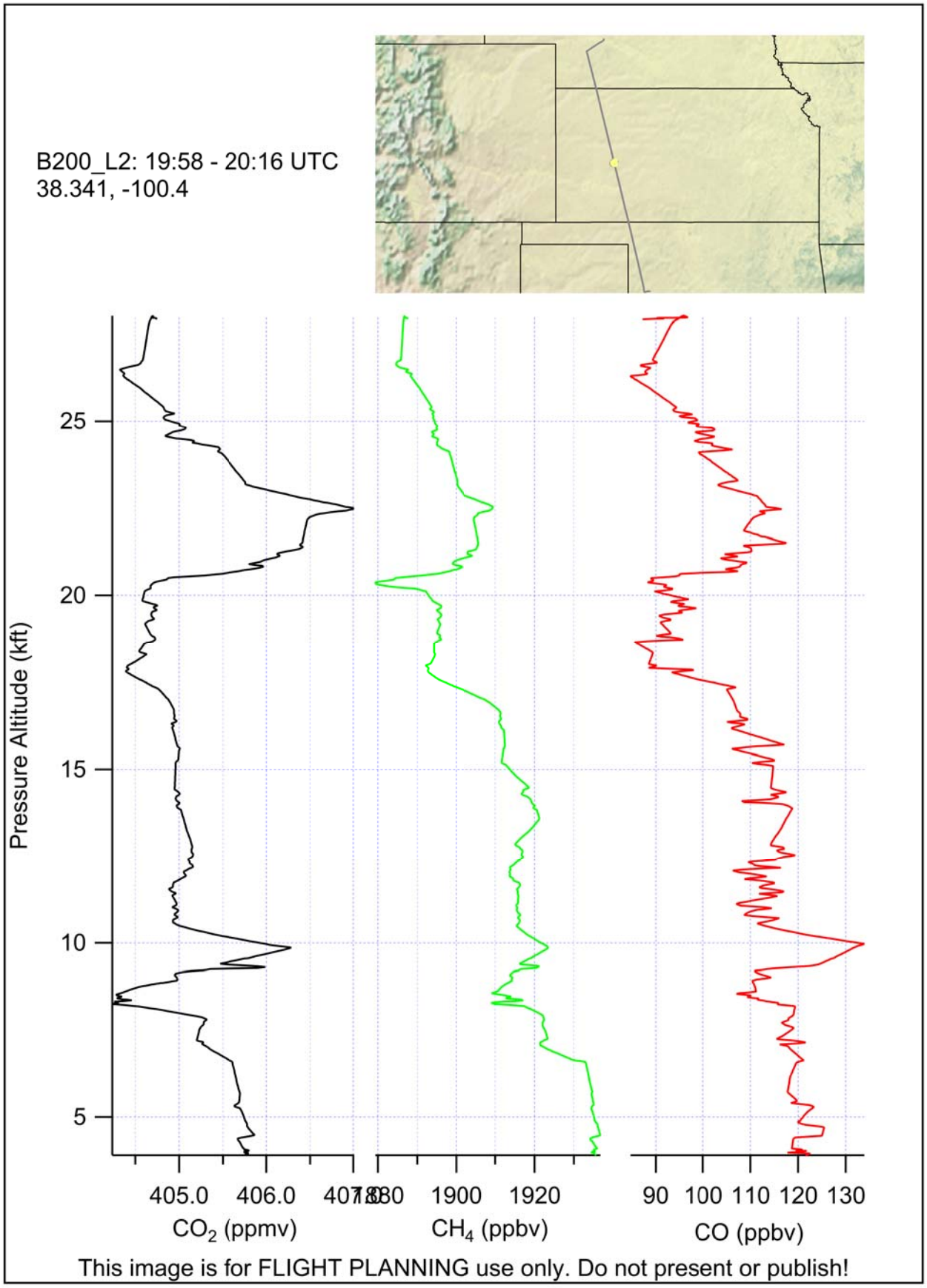
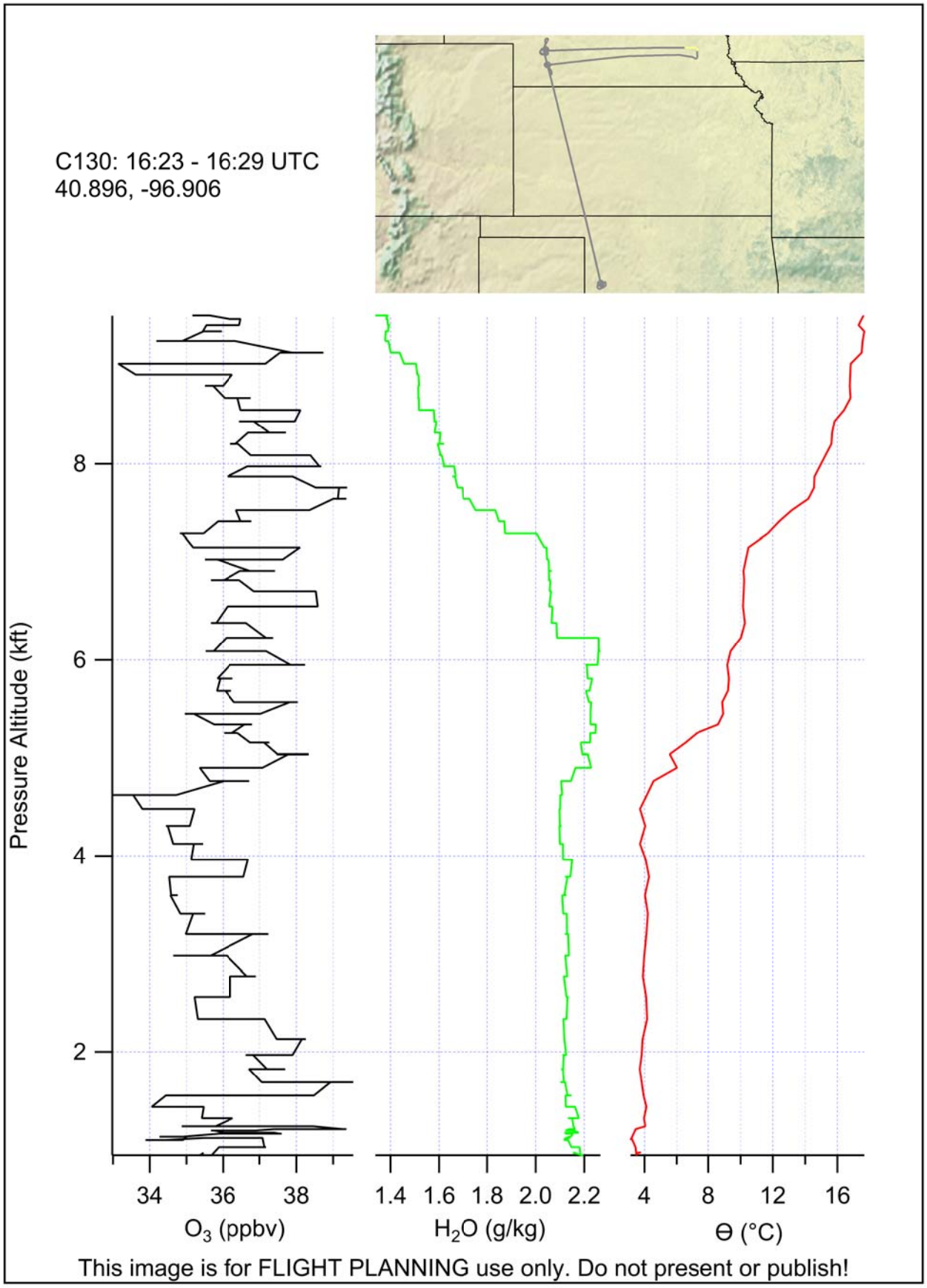
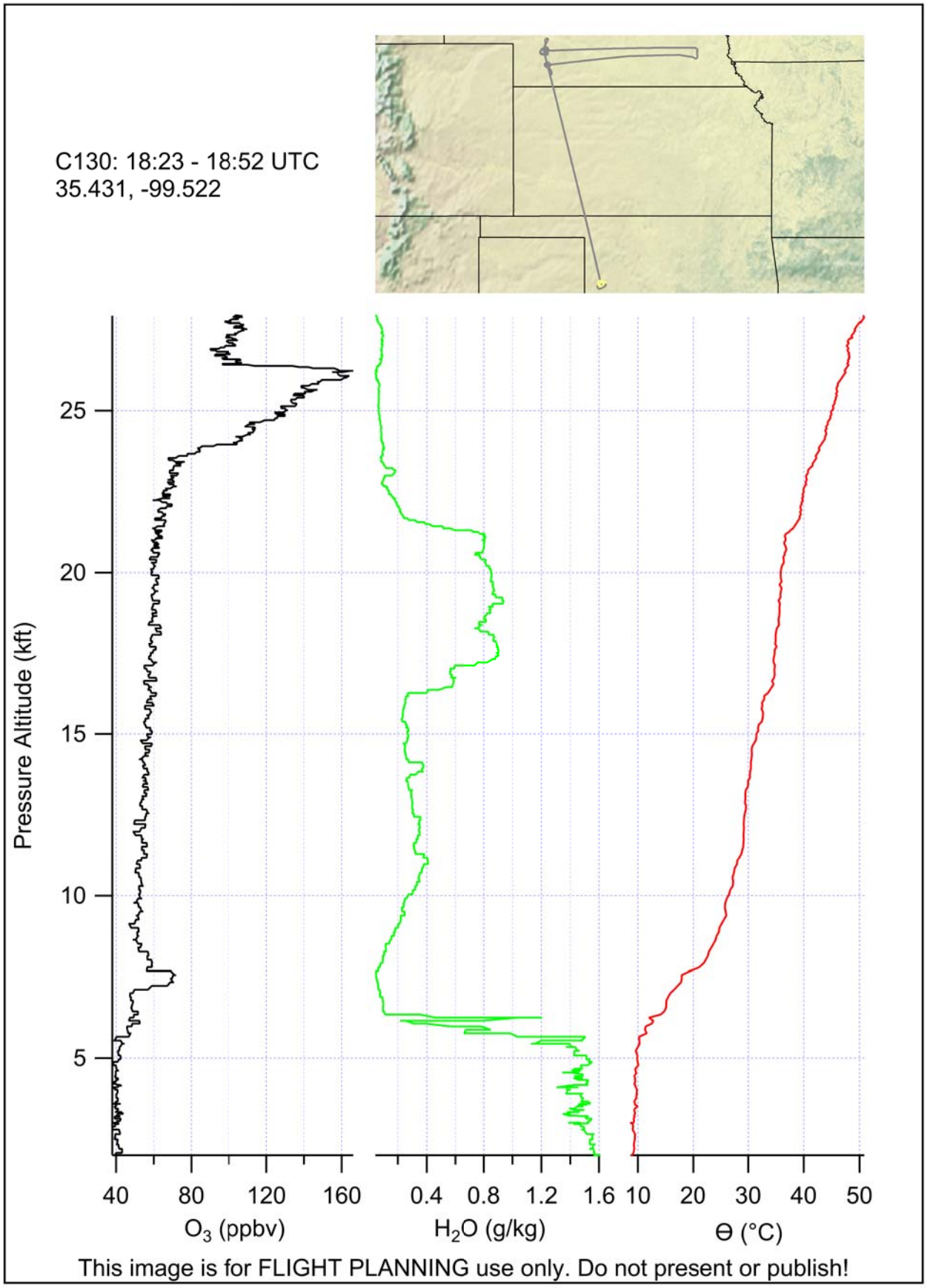

B200_L1: 13:49 - 13:58 UTC
40.87, -96.997
Pressure Altitude (kft)
12
10
8
6
4
2
407.0
408.0
409.0
CO2 (ppmv)
1940
1950
CH4 (ppbv)
120
160
200
240
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

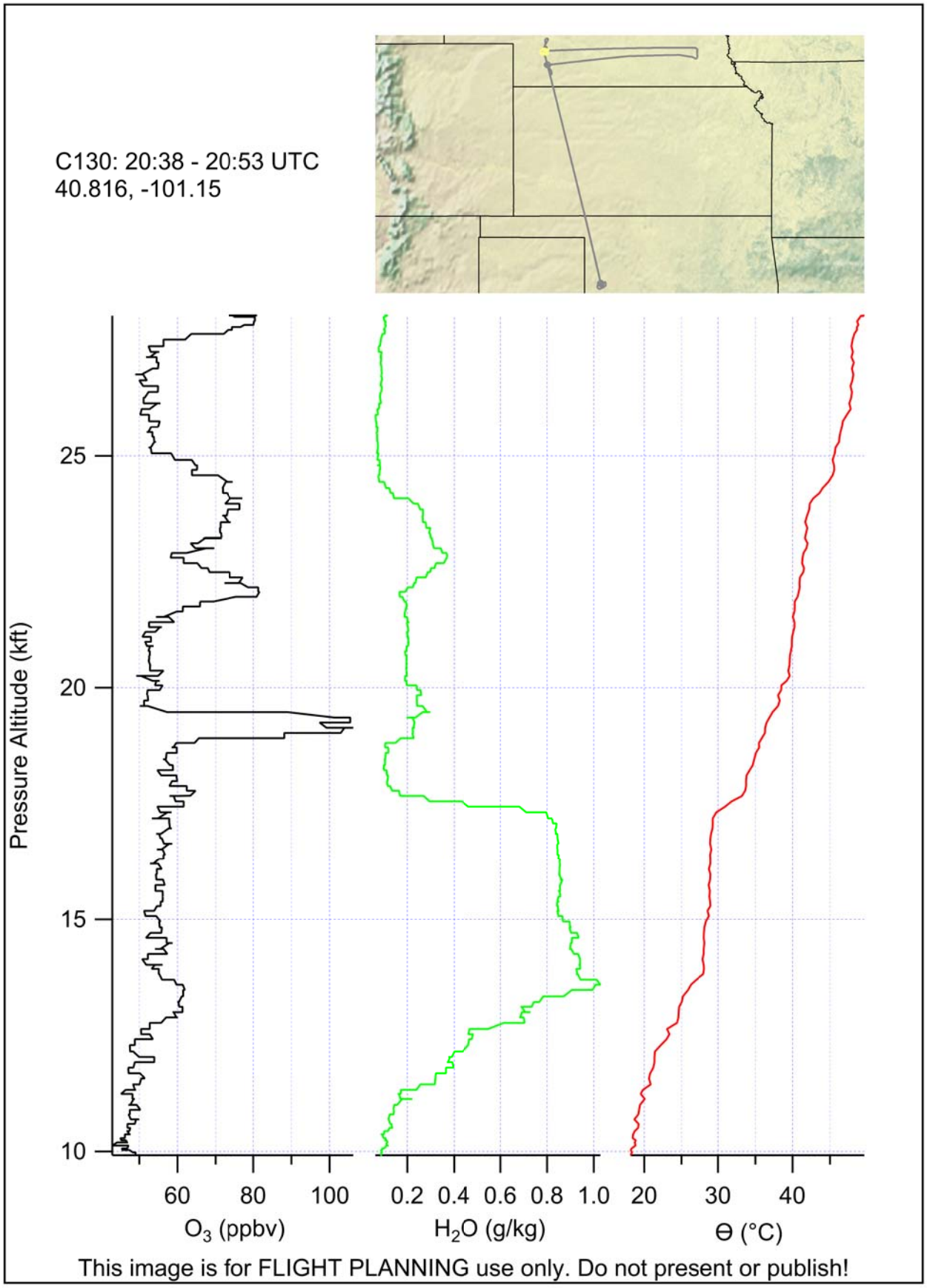

B200_L1: 15:17 - 15:28 UTC
38.031, -100.29
Pressure Altitude (kft)
18
16
14
12
10
8
6
404 405 406 407 408
CO2 (ppmv)
1910 1920 1930 1940
CH4 (ppbv)
100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

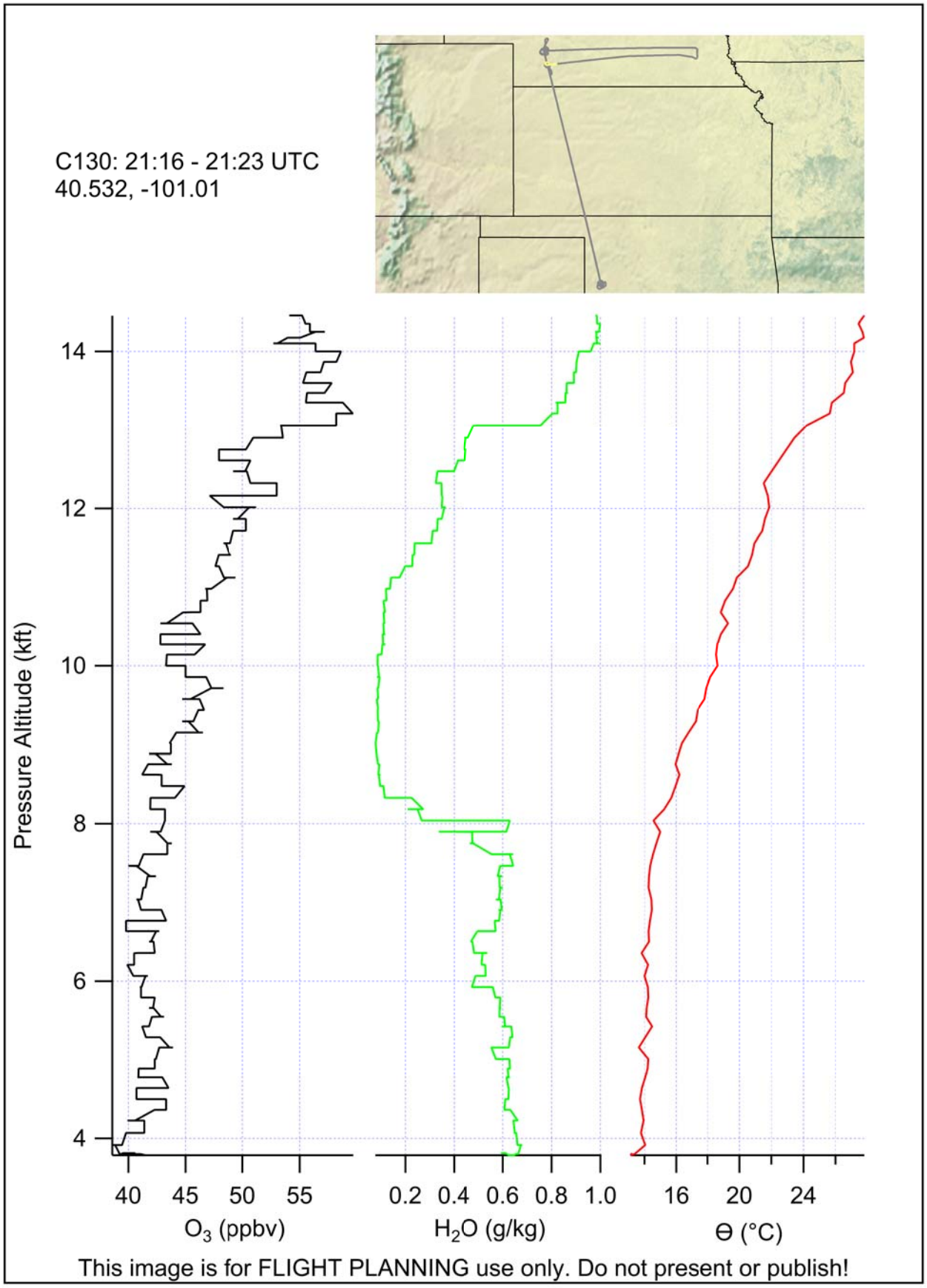

B200_L1: 16:00 - 16:06 UTC
35.384, -99.452
Pressure Altitude (kft)
14
12
10
8
6
4
2
405.0
406.0
407.0
CO_2 (ppmv)
1920
1940
CH_4 (ppbv)
95
100
105
110
115
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

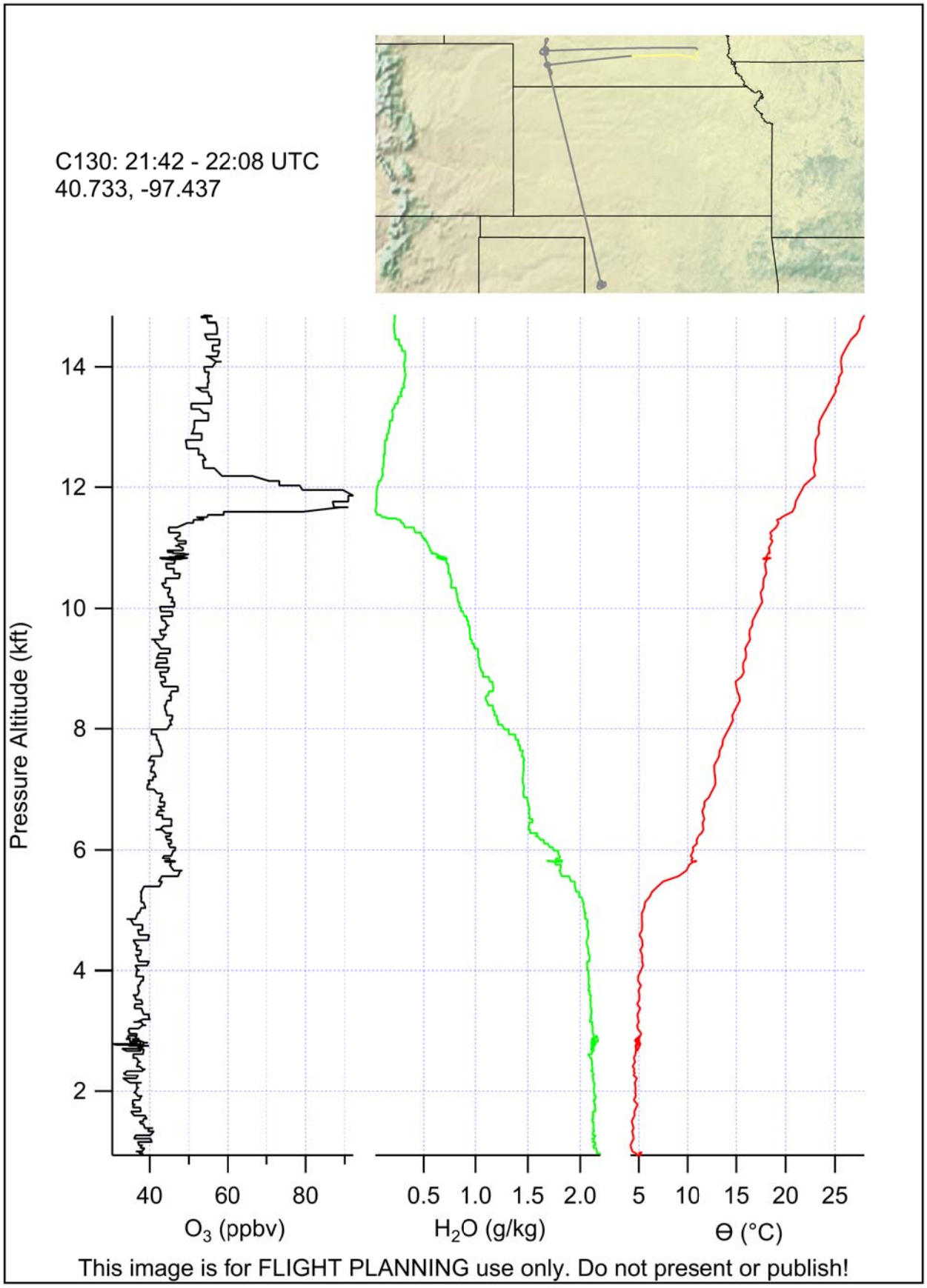

B200_L2: 19:58 - 20:16 UTC
38.341, -100.4
Pressure Altitude (kft)
25
20
15
10
5
405.0
406.0
407.0
1880
1900
1920
90
100
110
120
130
CO2 (ppmv)
CH4 (ppbv)
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

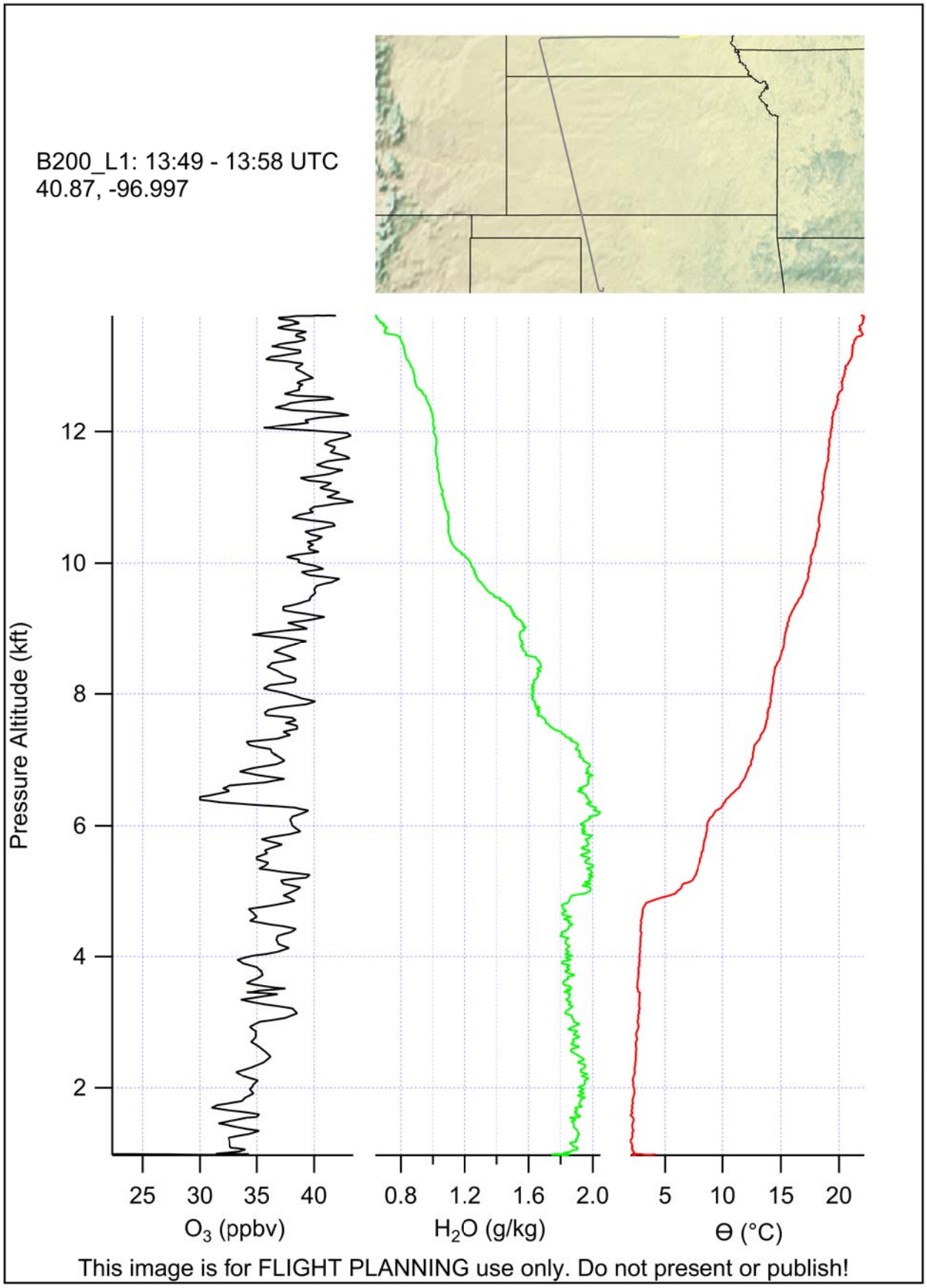

C130: 16:23 - 16:29 UTC
40.896, -96.906
Pressure Altitude (kft)
8
6
4
2
34
36
38
O3 (ppbv)
1.4
1.6
1.8
2.0
2.2
H2O (g/kg)
4
8
12
16
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

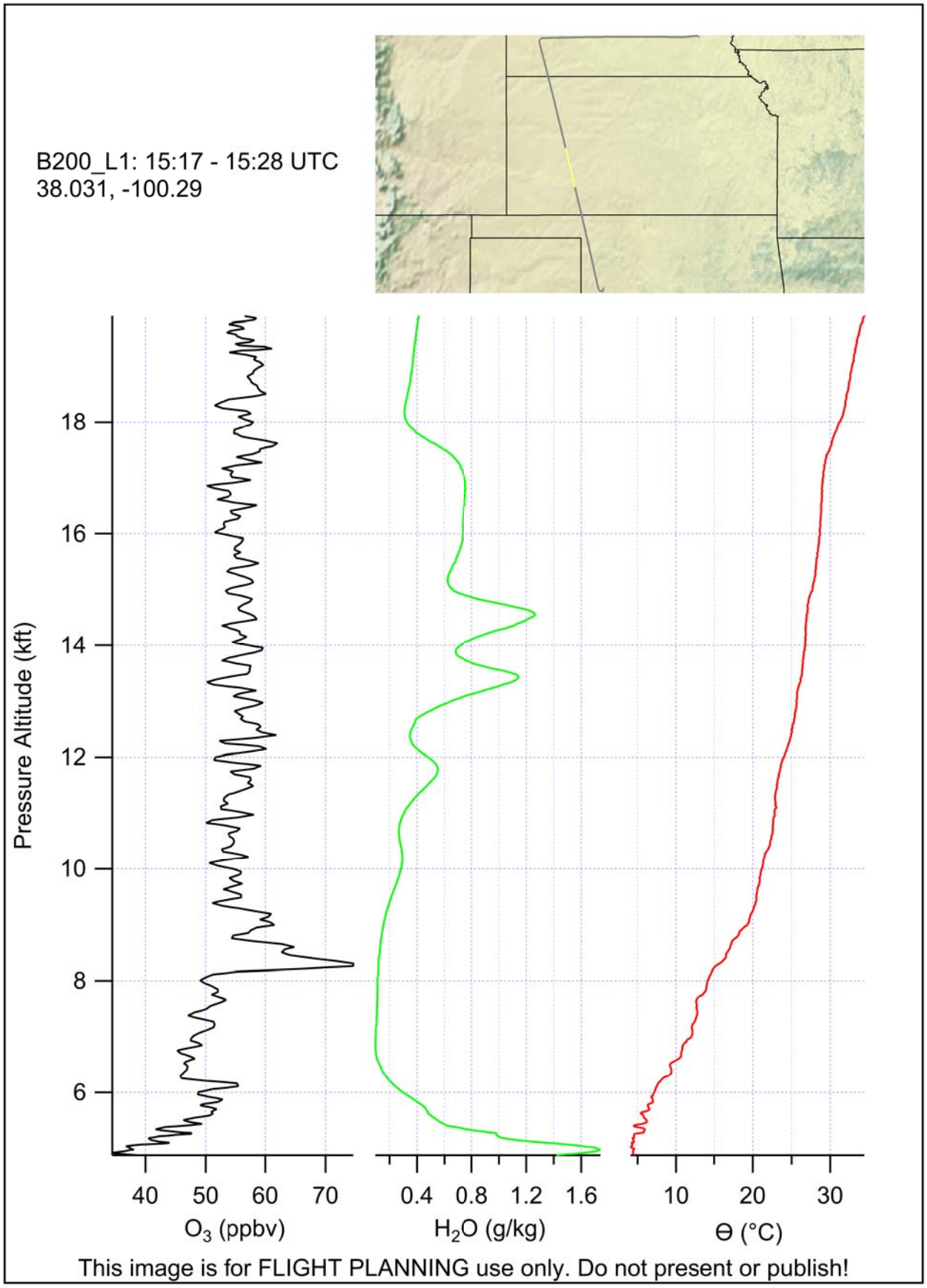

C130: 18:23 - 18:52 UTC
35.431, -99.522
Pressure Altitude (kft)
25
20
15
10
5
40
80
120
160
O_3 (ppbv)
0.4
0.8
1.2
1.6
H_2O (g/kg)
10
20
30
40
50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

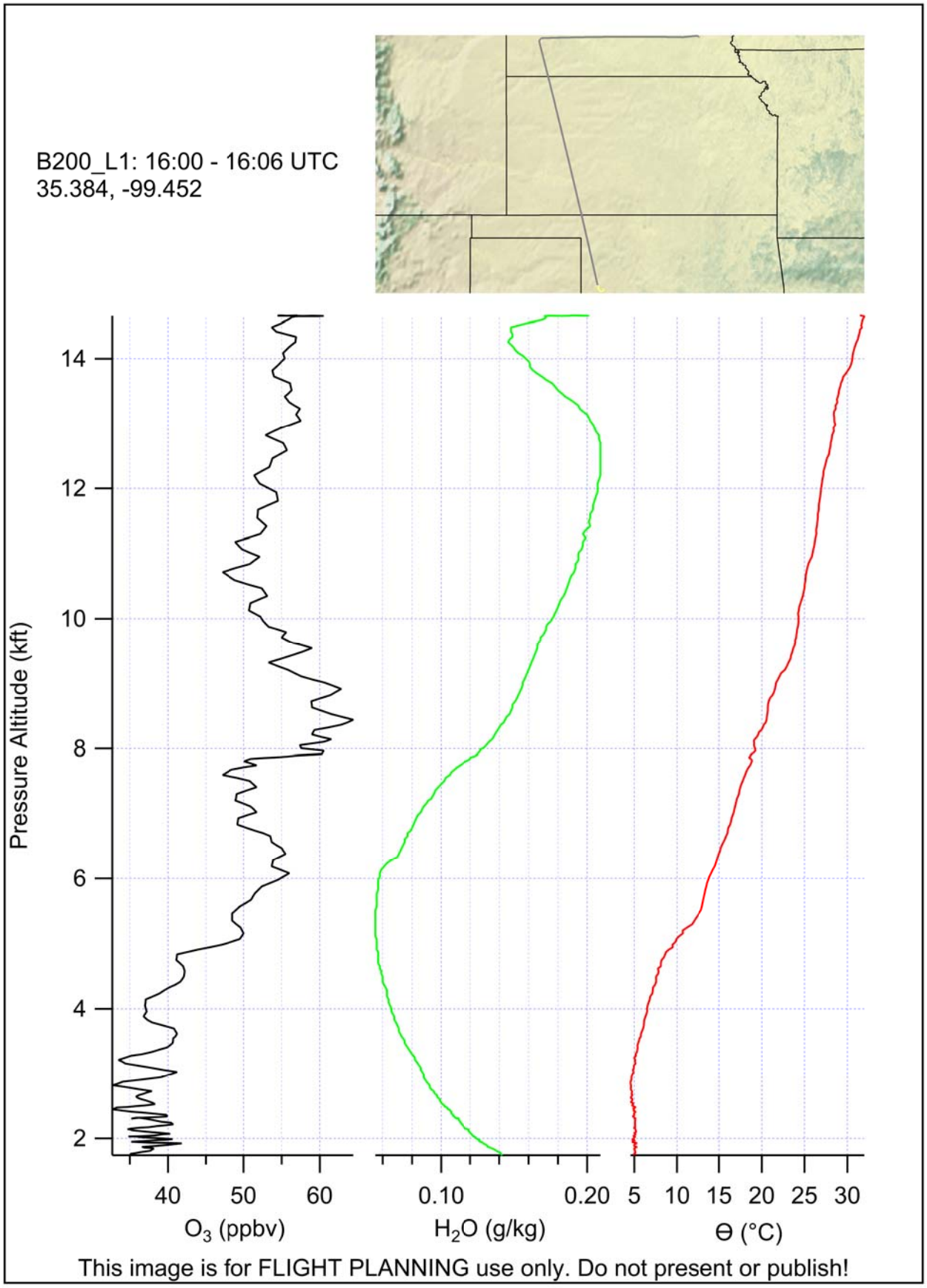

C130: 20:38 - 20:53 UTC
40.816, -101.15
Pressure Altitude (kft)
25
20
15
10
60
80
100
O3 (ppbv)
0.2
0.4
0.6
0.8
1.0
H2O (g/kg)
20
30
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 21:16 - 21:23 UTC
40.532, -101.01
Pressure Altitude (kft)
14
12
10
8
6
4
40 45 50 55
O3 (ppbv)
0.2 0.4 0.6 0.8 1.0
H2O (g/kg)
16 20 24
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 21:42 - 22:08 UTC
40.733, -97.437
Pressure Altitude (kft)
14
12
10
8
6
4
2
40
60
80
O3 (ppbv)
0.5
1.0
1.5
2.0
H2O (g/kg)
5
10
15
20
25
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 13:49 - 13:58 UTC
40.87, -96.997
Pressure Altitude (kft)
12
10
8
6
4
2
25
30
35
40
O3 (ppbv)
0.8
1.2
1.6
2.0
H2O (g/kg)
5
10
15
20
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 15:17 - 15:28 UTC
38.031, -100.29
Pressure Altitude (kft)
18
16
14
12
10
8
6
40
50
60
70
O3 (ppbv)
0.4
0.8
1.2
1.6
H2O (g/kg)
10
20
30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 16:00 - 16:06 UTC
35.384, -99.452
Pressure Altitude (kft)
14
12
10
8
6
4
2
40
50
60
O3 (ppbv)
0.10
0.20
H2O (g/kg)
5
10
15
20
25
30
Θ (°C)
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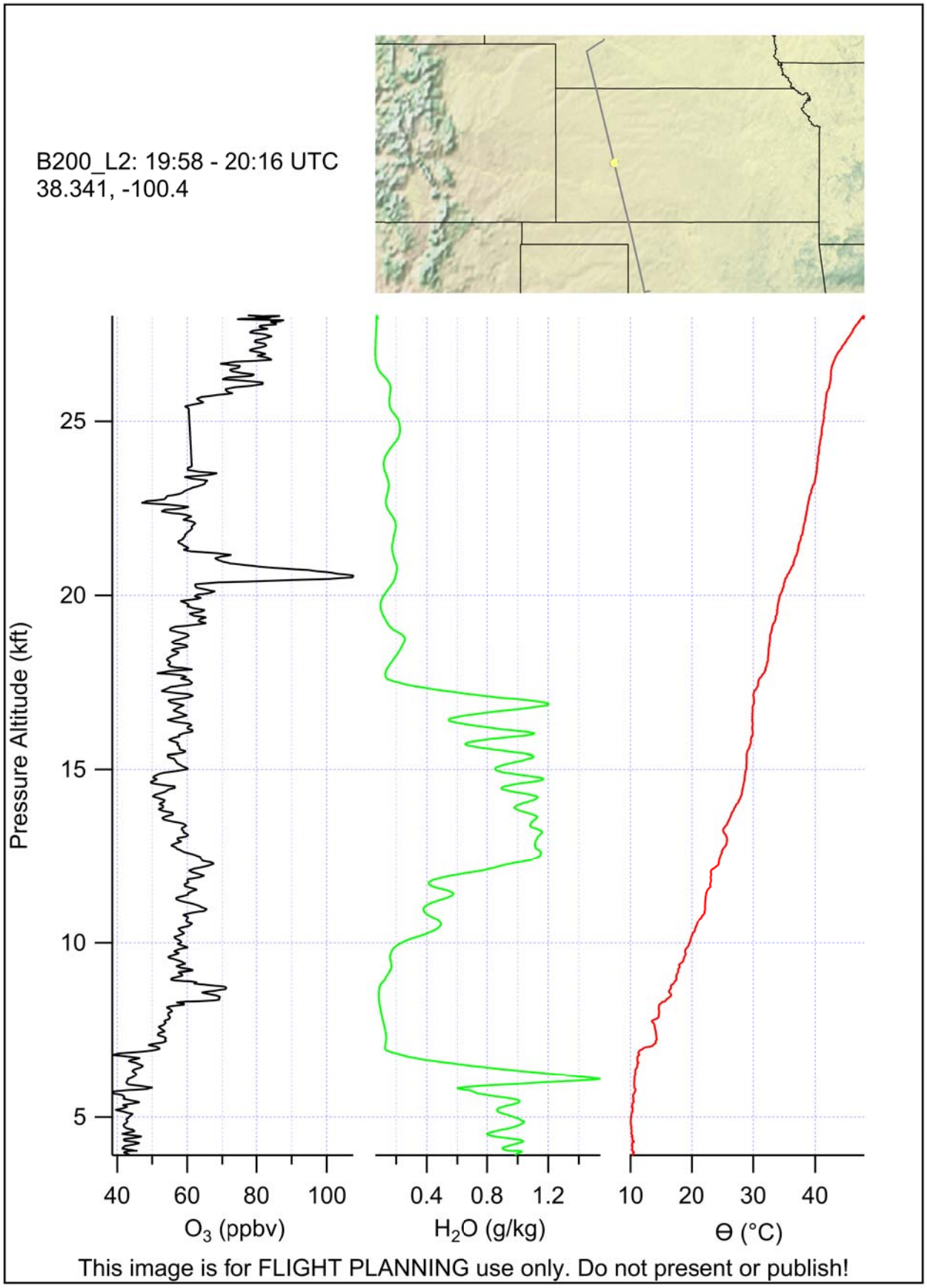
B200_L2: 19:58 - 20:16 UTC
38.341, -100.4
Pressure Altitude (kft)
25
20
15
10
5
40
60
80
100
O3 (ppbv)
0.4
0.8
1.2
H2O (g/kg)
10
20
30
40
Θ (°C)
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