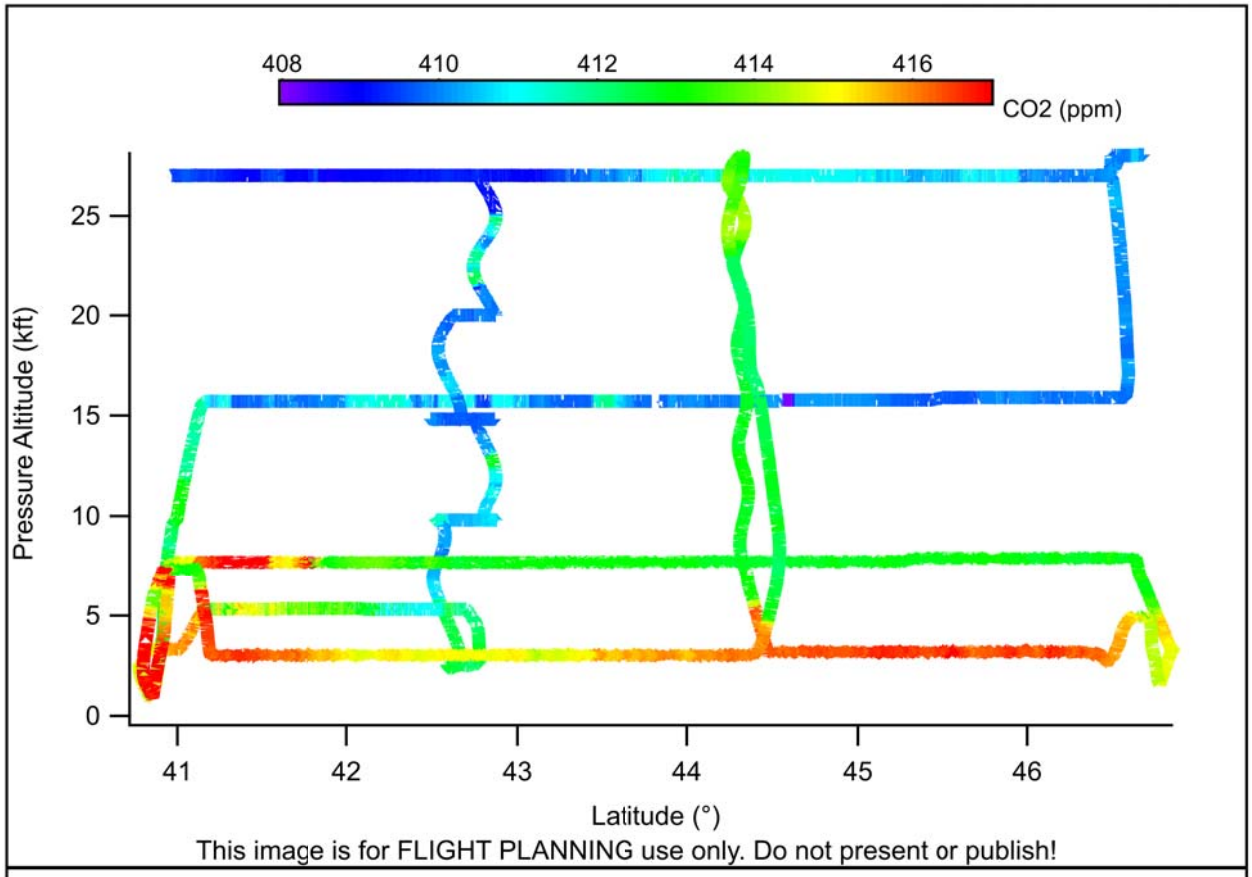
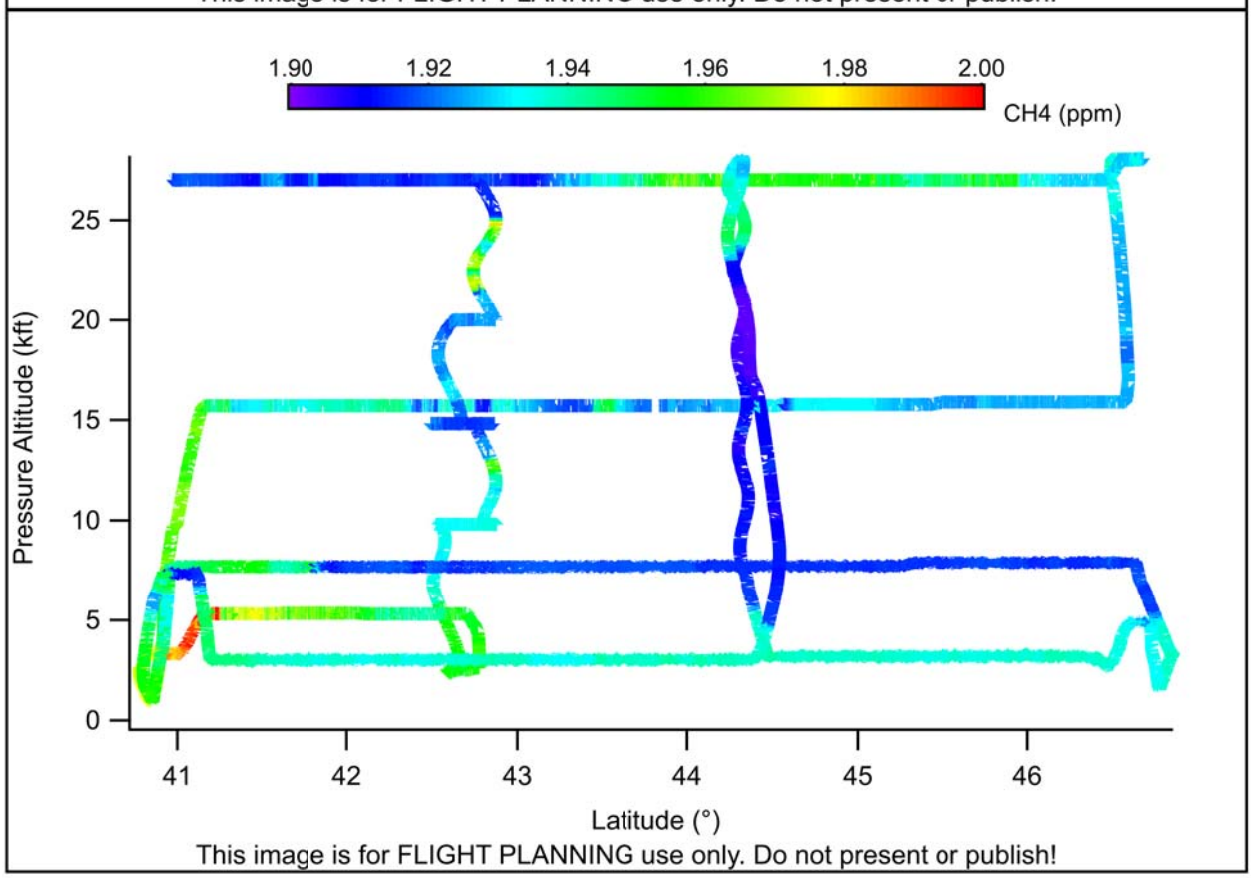
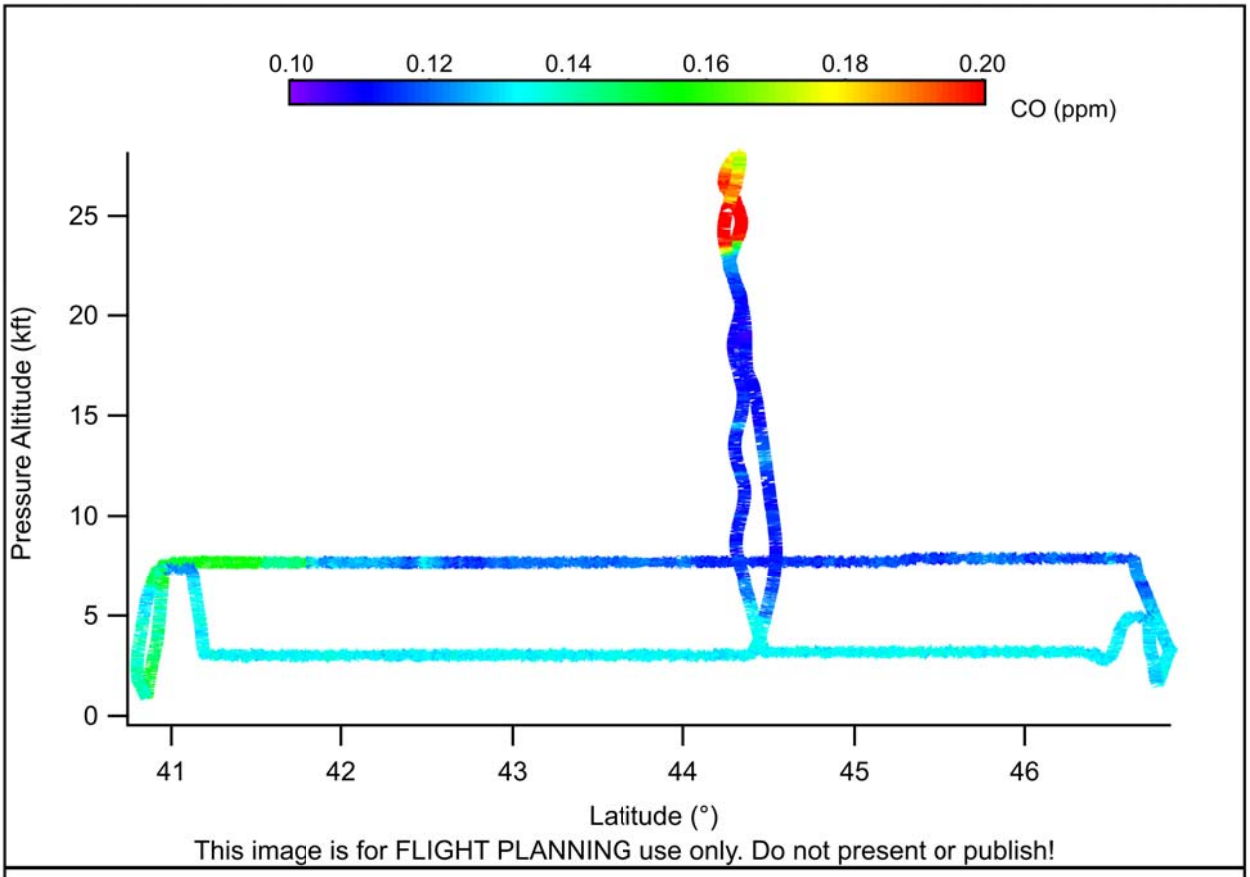
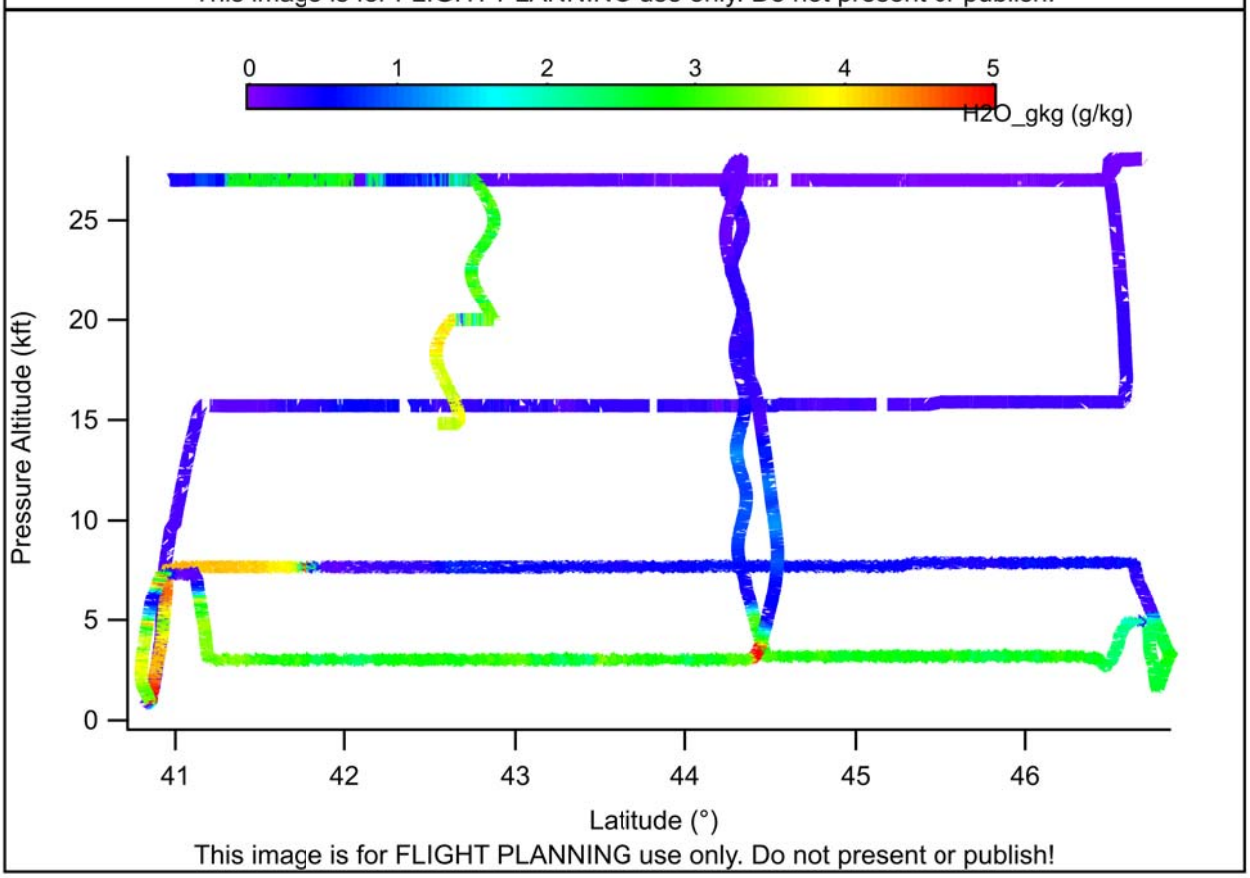
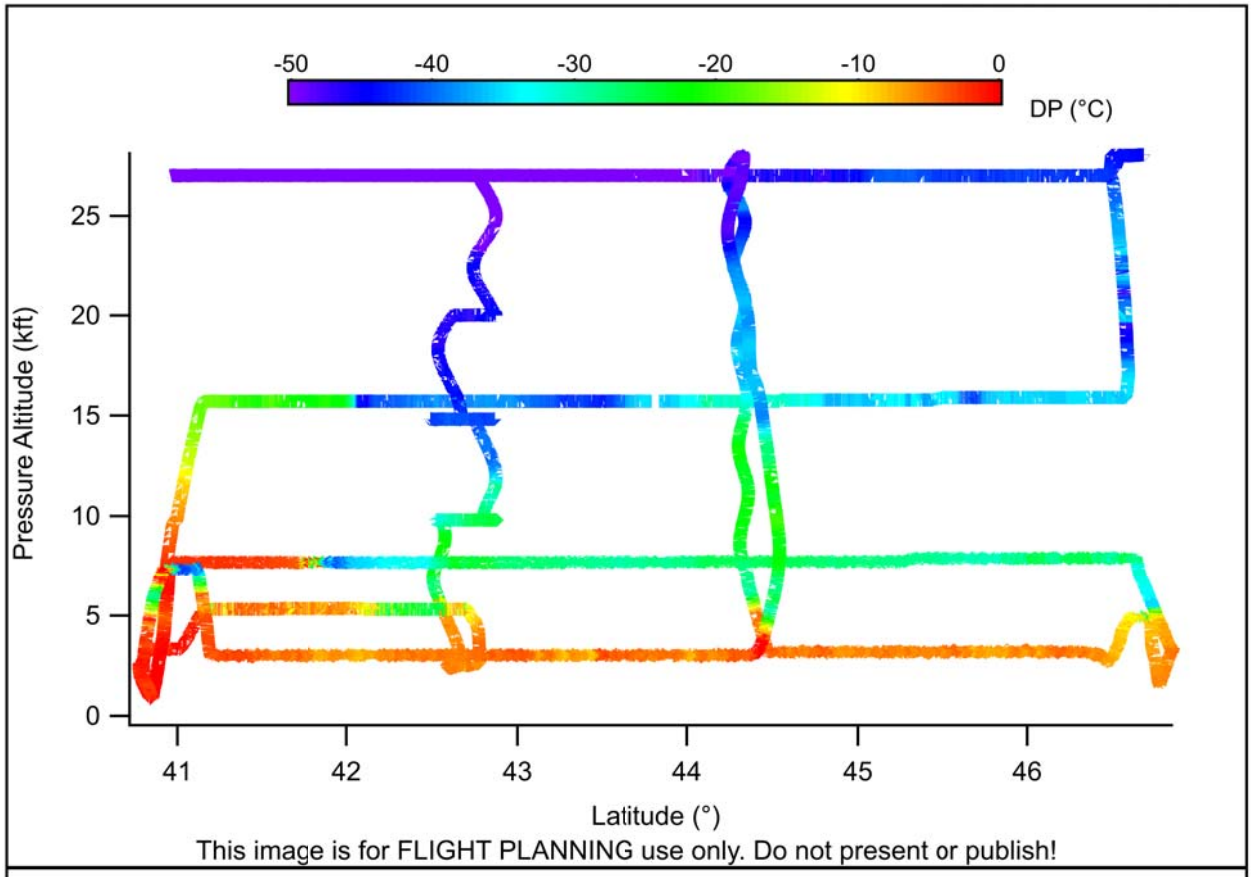
ACT-America 20180425

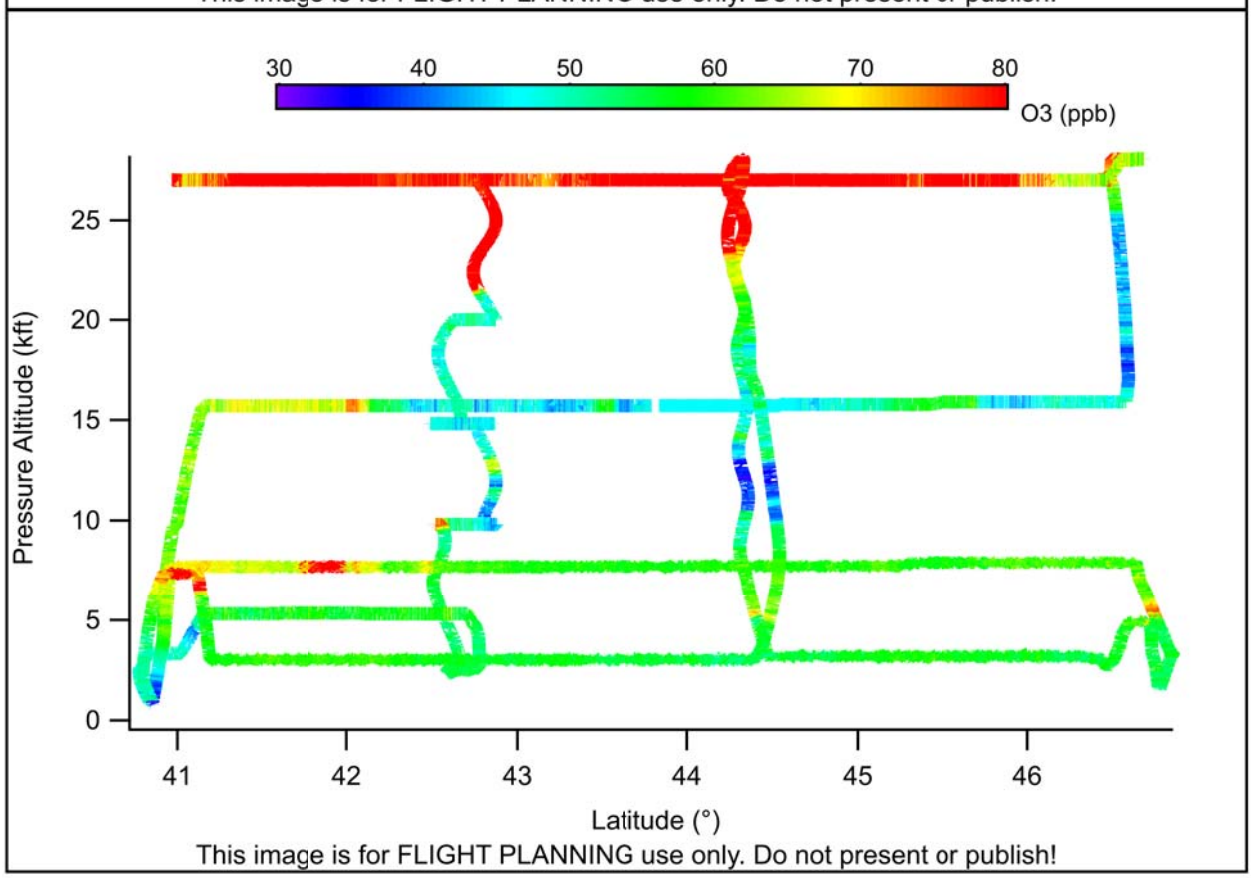

408
410
412
414
416
CO2 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
25
41
42
43
44
45
46
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

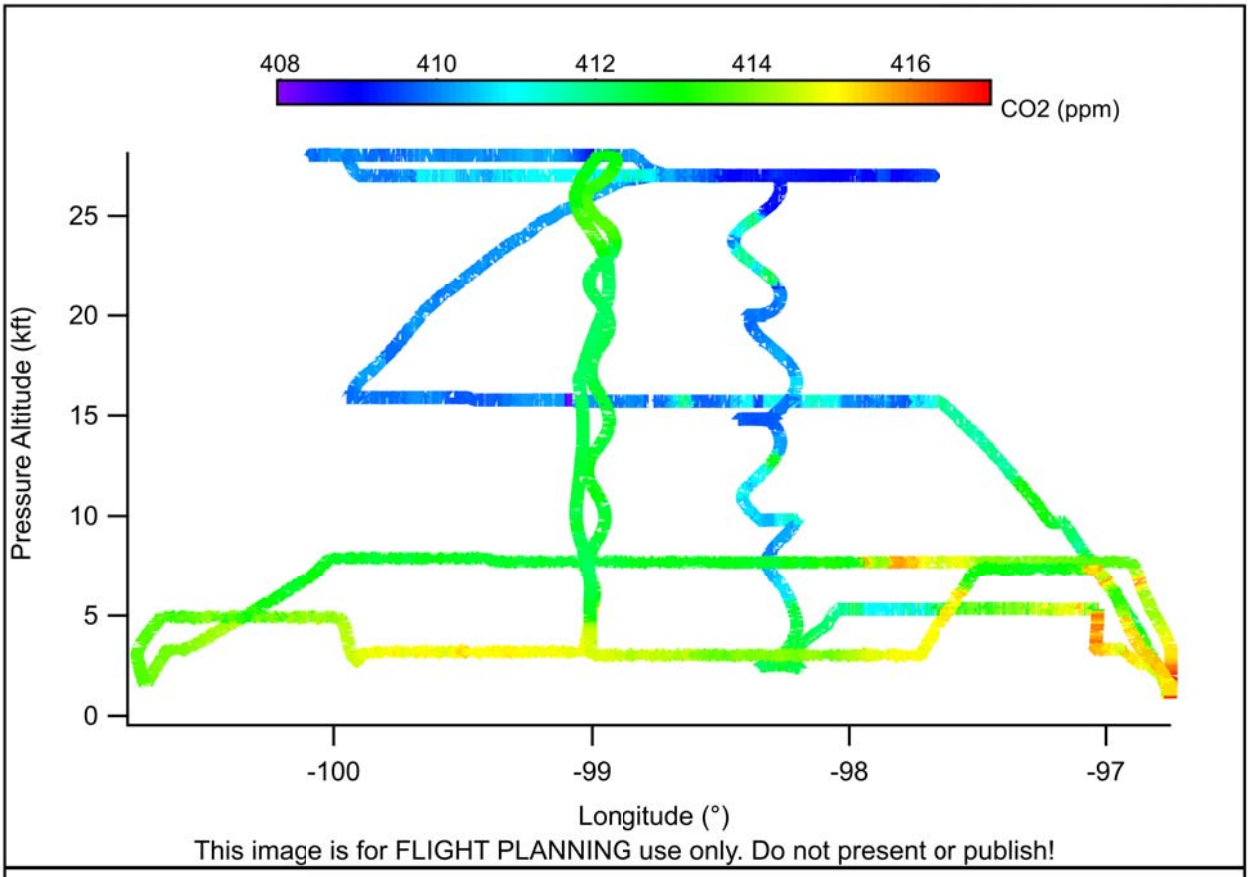

1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
25
41
42
43
44
45
46
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

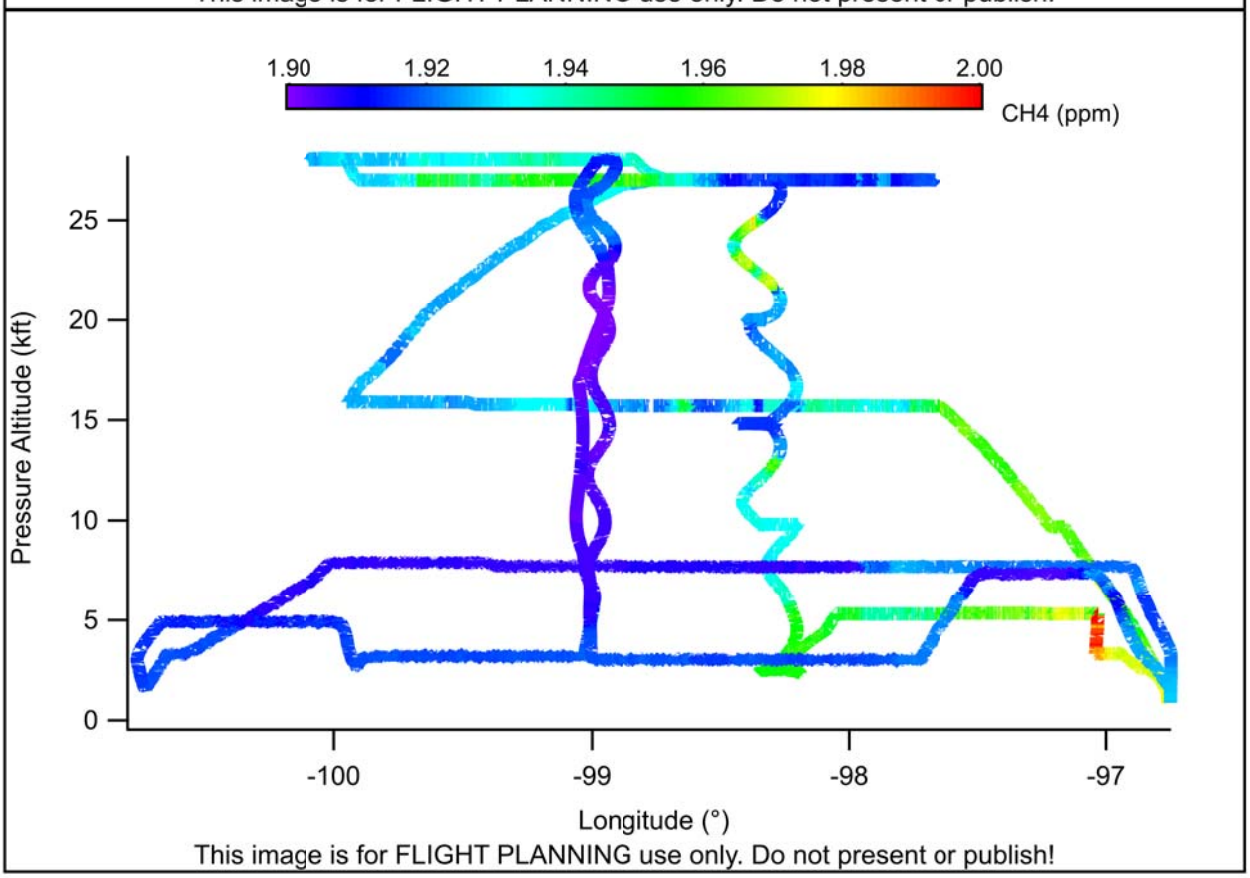

0.10
0.12
0.14
0.16
0.18
0.20
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
41
42
43
44
45
46
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

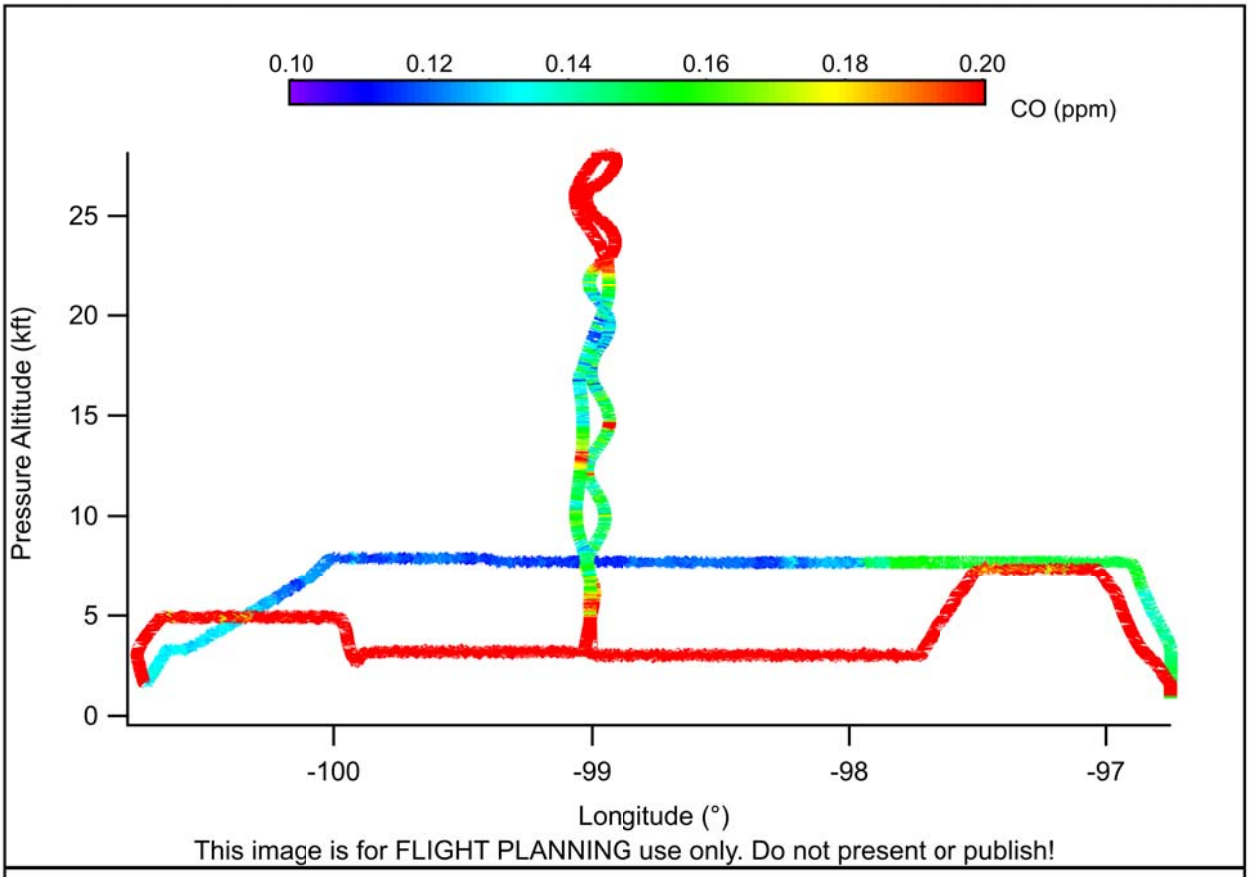

0
1
2
3
4
5
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
41
42
43
44
45
46
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

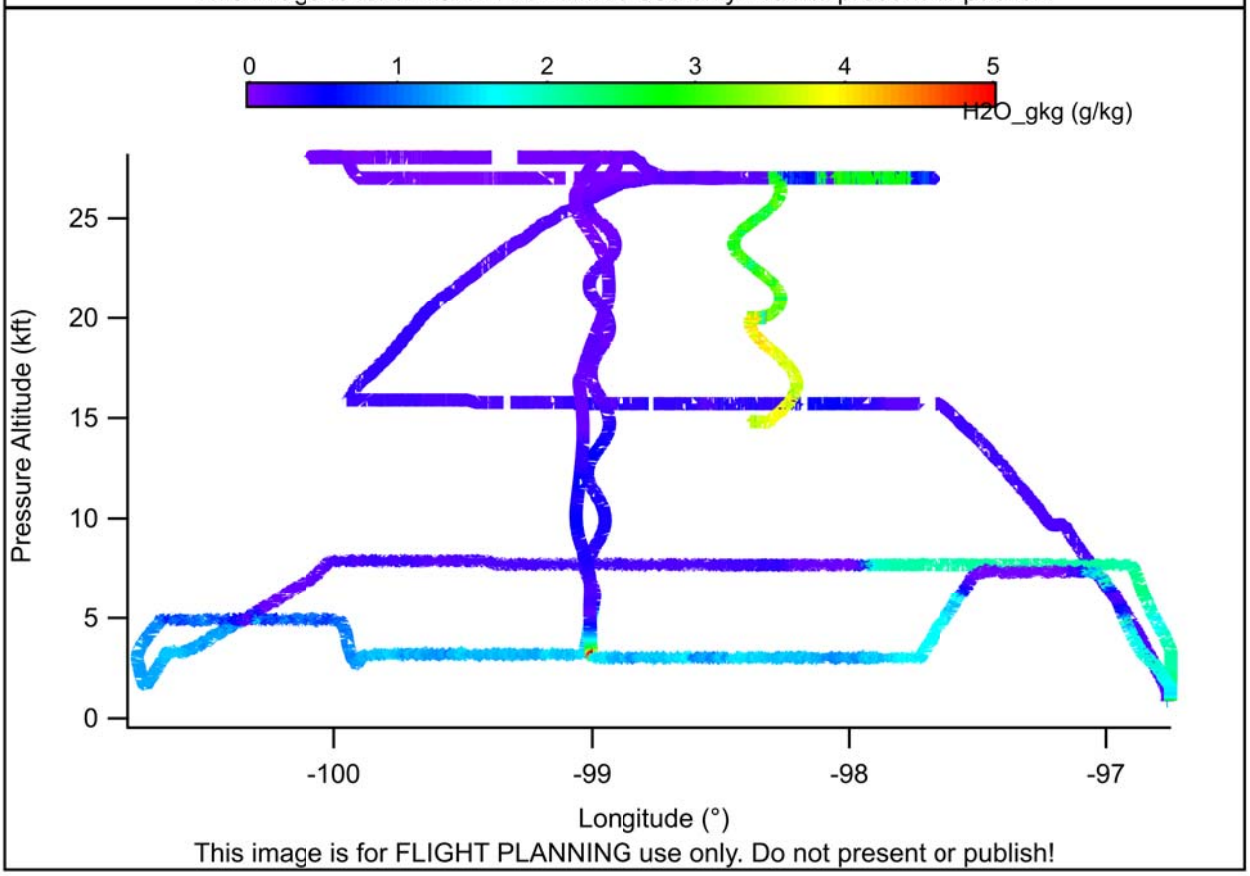

-50
-40
-30
-20
-10
0
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
41
42
43
44
45
46
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

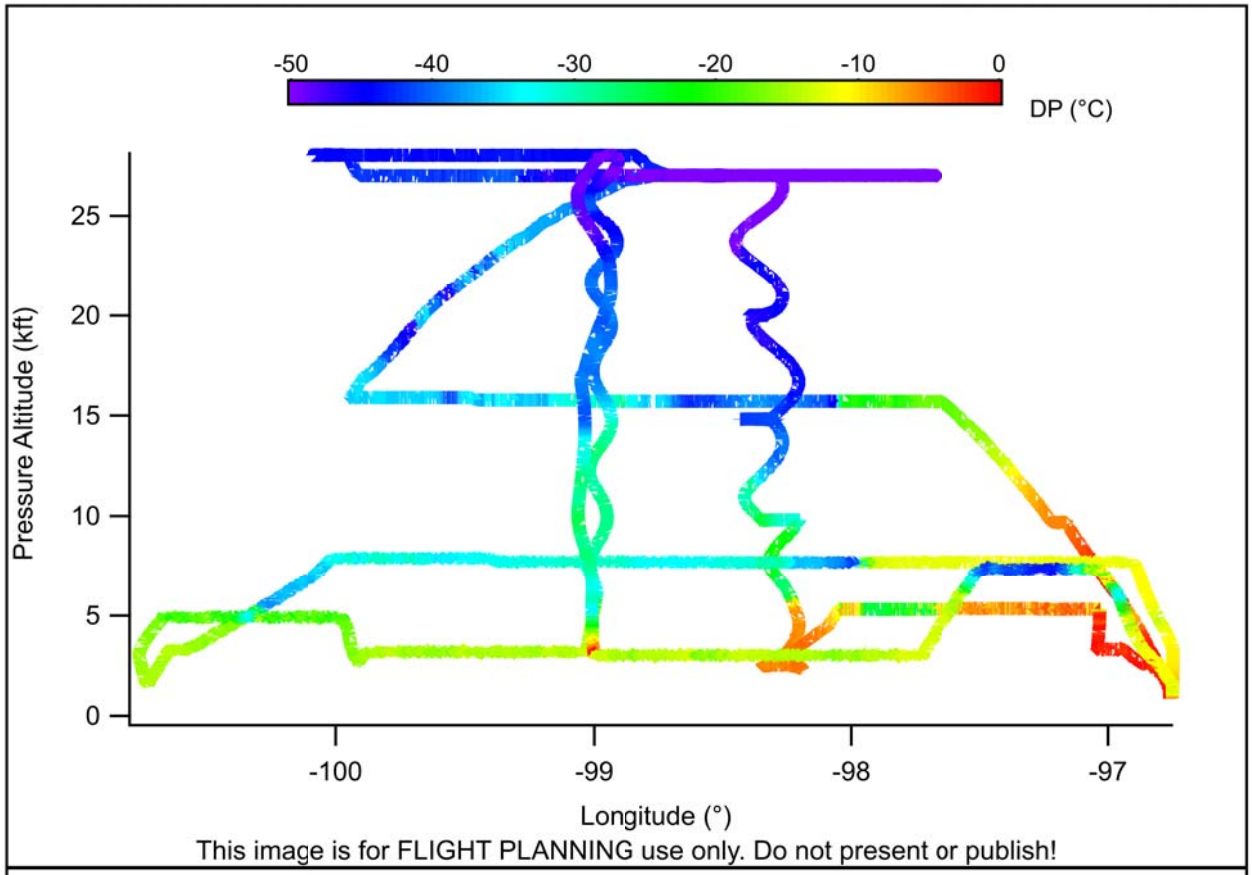

30
40
50
60
70
80
O3 (ppb)
Pressure Altitude (kft)
25
20
15
10
5
0
41
42
43
44
45
46
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

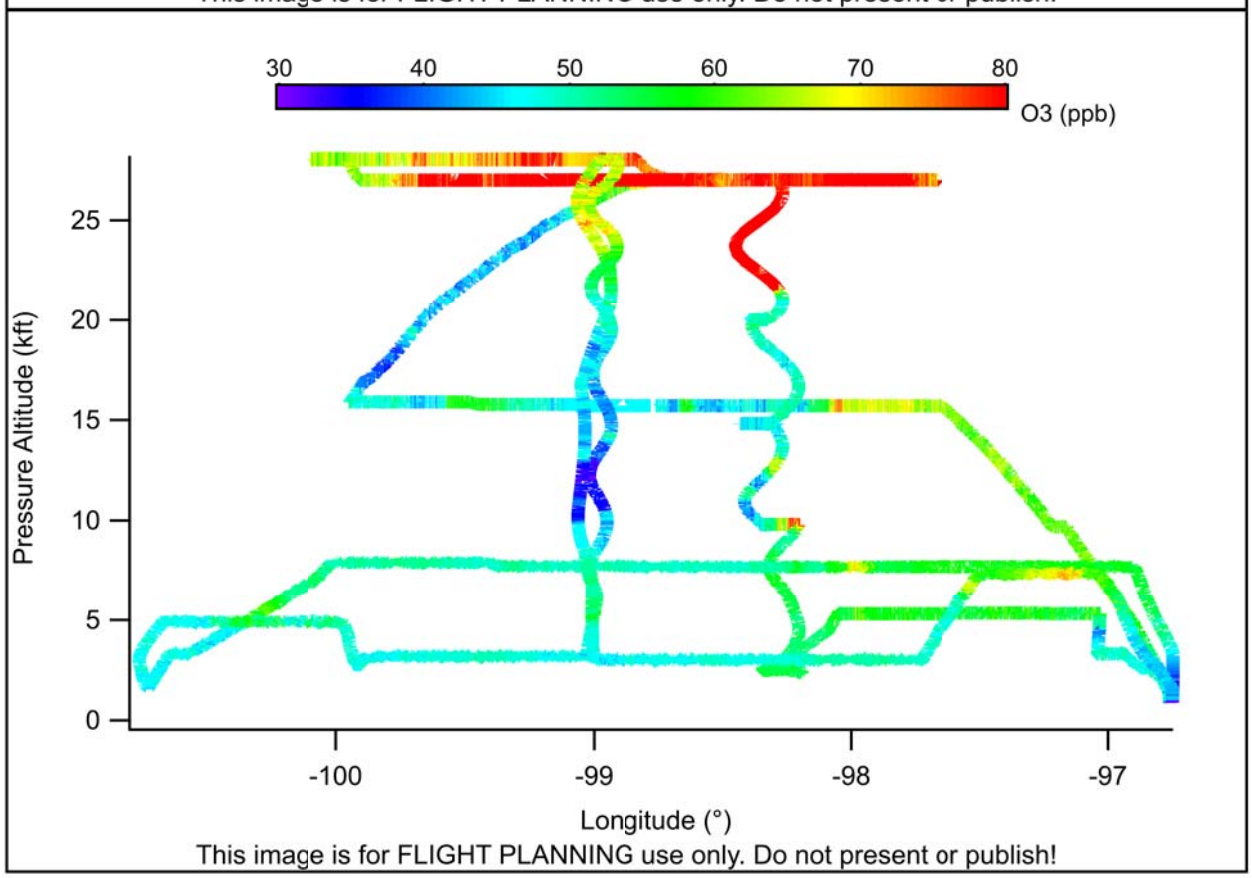

408
410
412
414
416
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

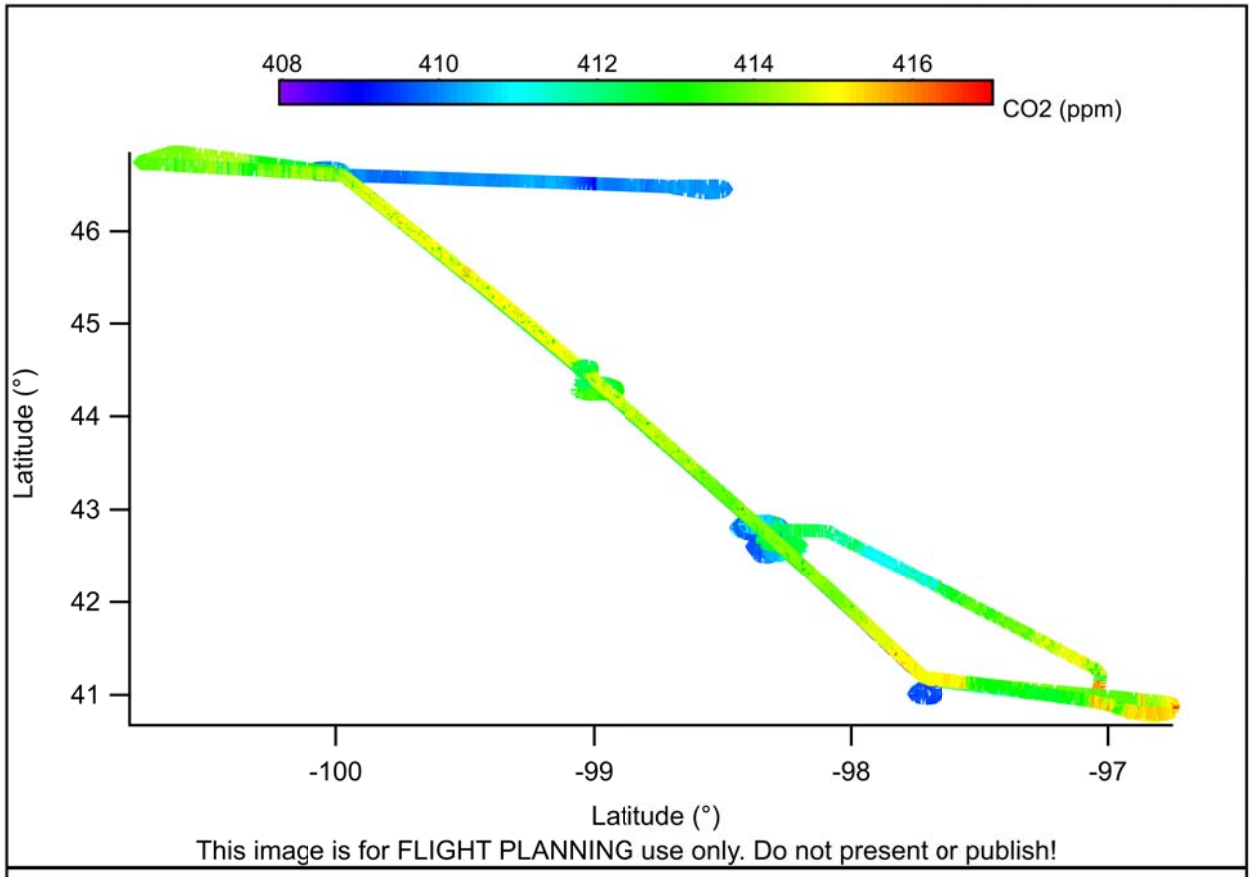

1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0.10
0.12
0.14
0.16
0.18
0.20
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0
1
2
3
4
5
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


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


30
40
50
60
70
80
O3 (ppb)
Pressure Altitude (kft)
25
20
15
10
5
0
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


408
410
412
414
416
CO2 (ppm)
46
45
44
43
42
41
Latitude (°)
-100
-99
-98
-97
Latitude (°)
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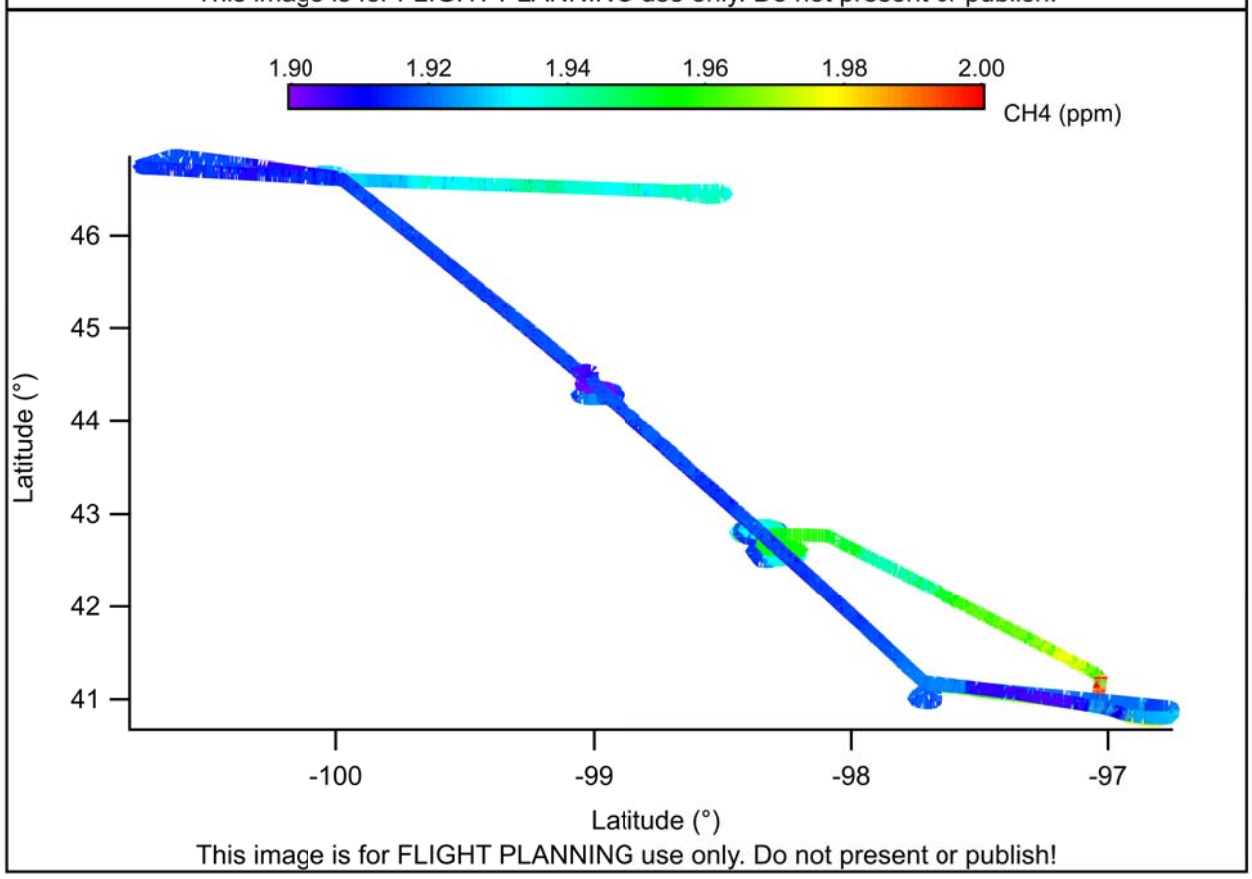
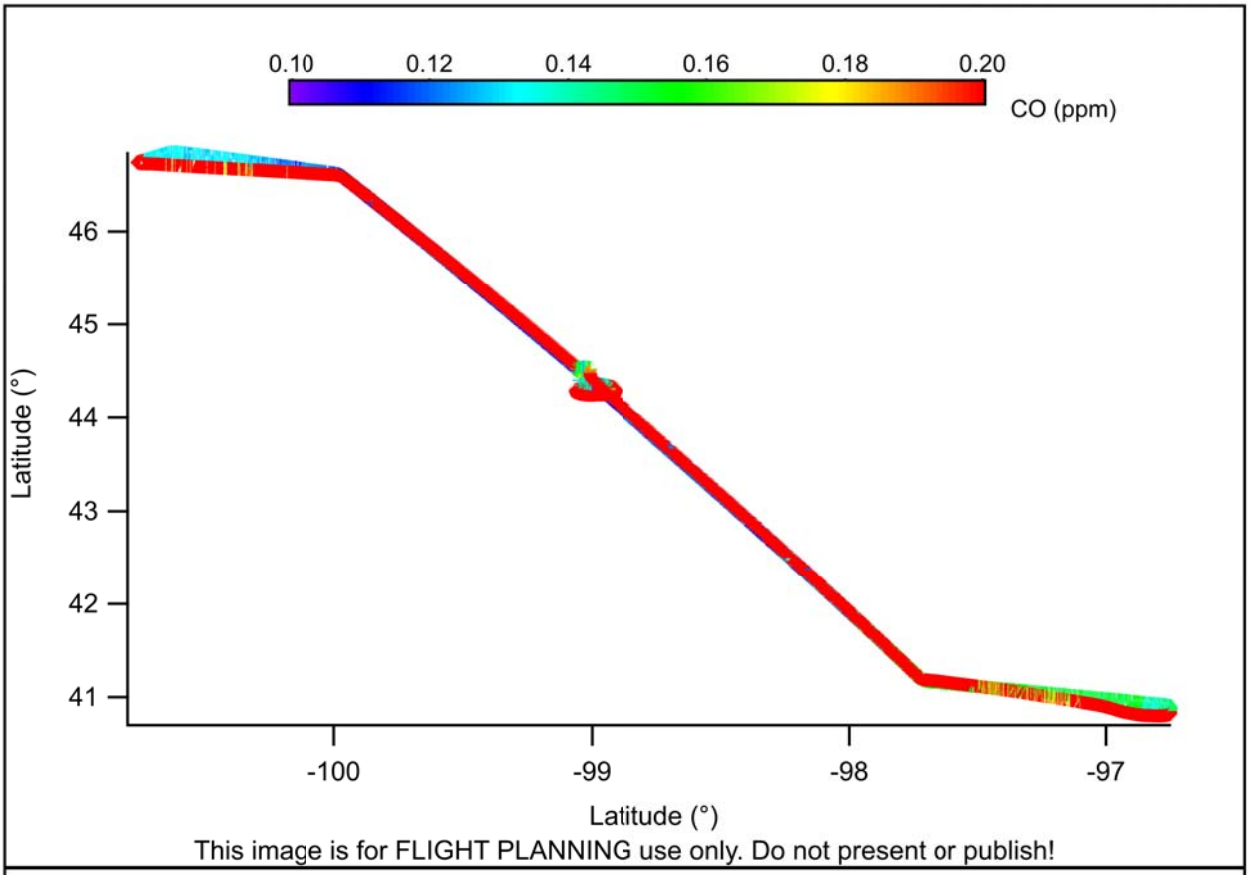
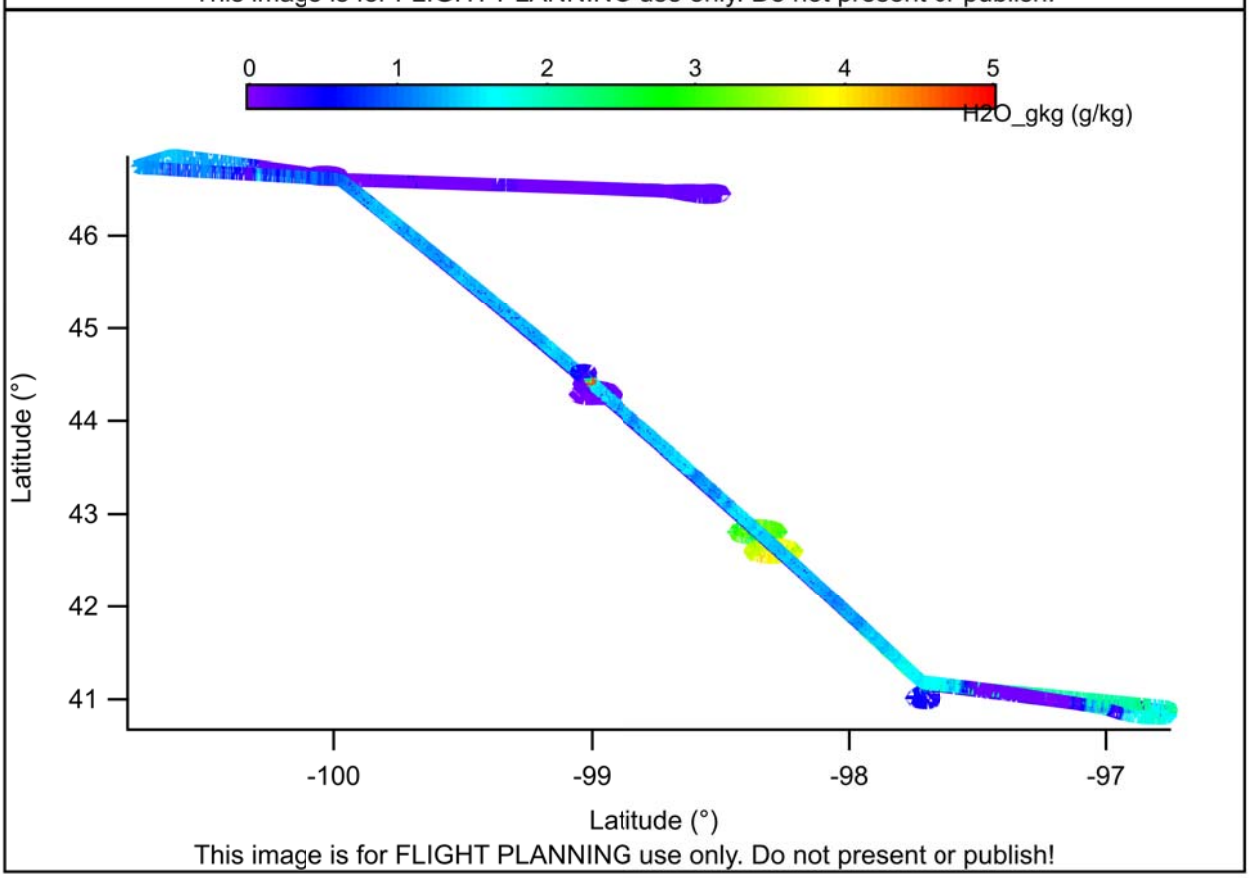
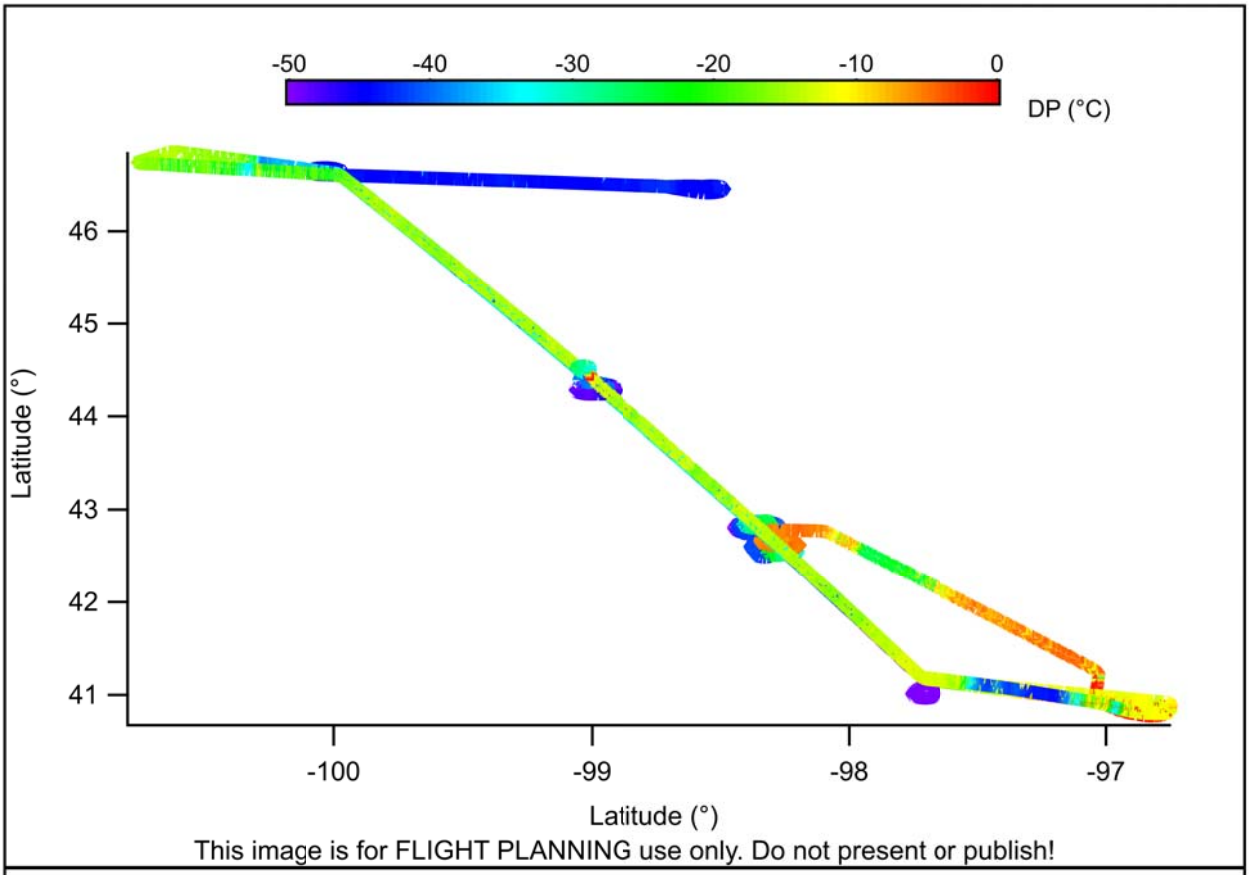

1.90
1.92
1.94
1.96
1.98
2.00
CH4 (ppm)
46
45
44
43
42
41
Latitude (°)
-100
-99
-98
-97
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0.10
0.12
0.14
0.16
0.18
0.20
CO (ppm)
46
45
44
43
42
41
Latitude (°)
-100
-99
-98
-97
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0
1
2
3
4
5
H2O_gkg (g/kg)
46
45
44
43
42
41
Latitude (°)
-100
-99
-98
-97
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-50
-40
-30
-20
-10
0
DP (°C)
46
45
44
43
42
41
Latitude (°)
-100
-99
-98
-97
Latitude (°)
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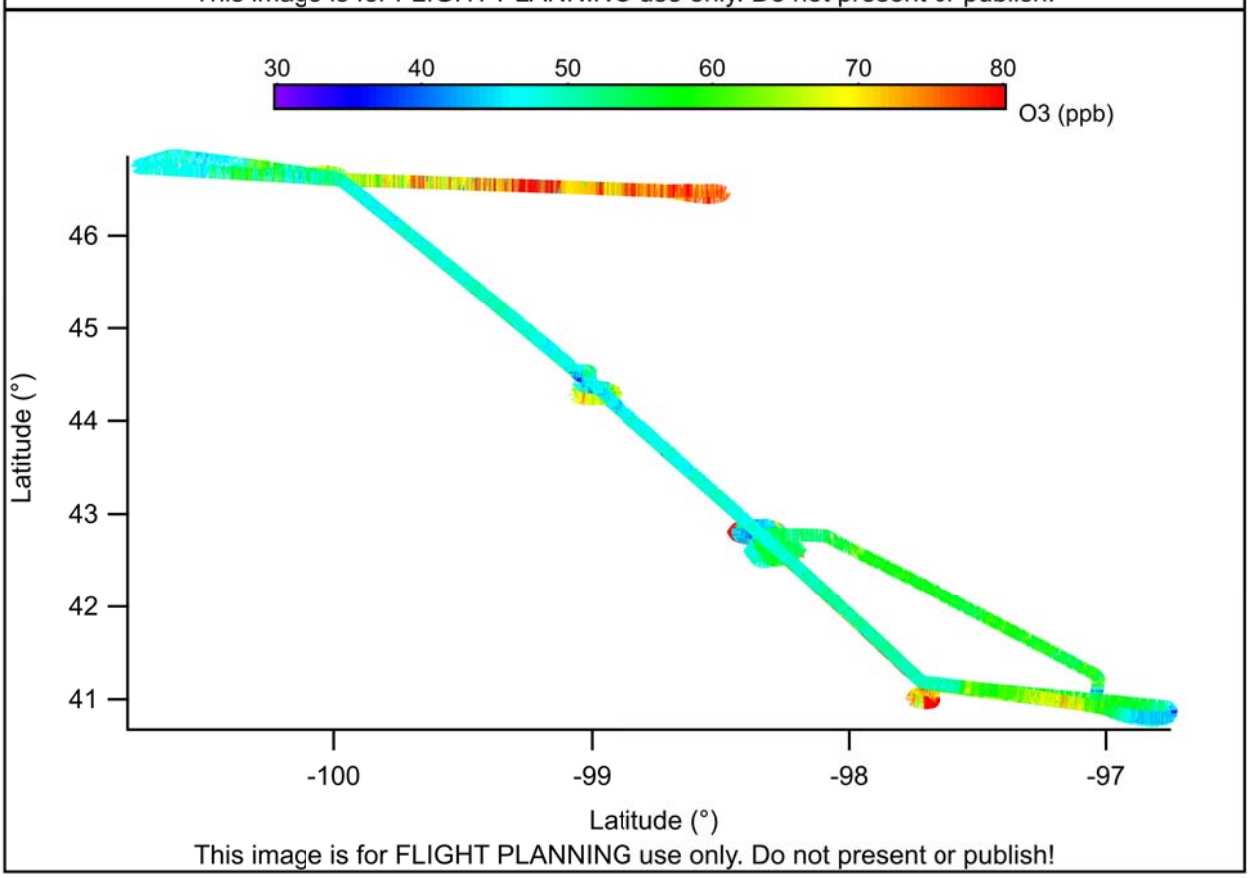
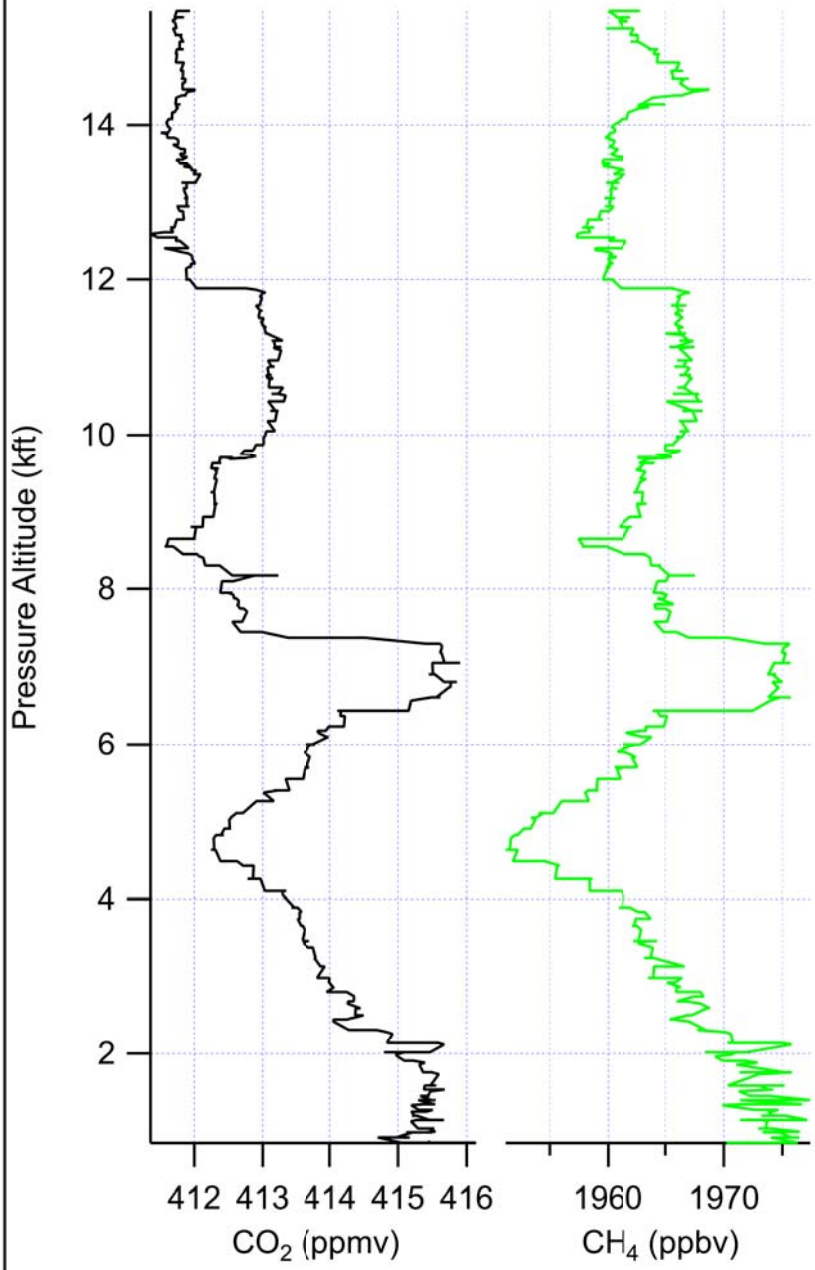
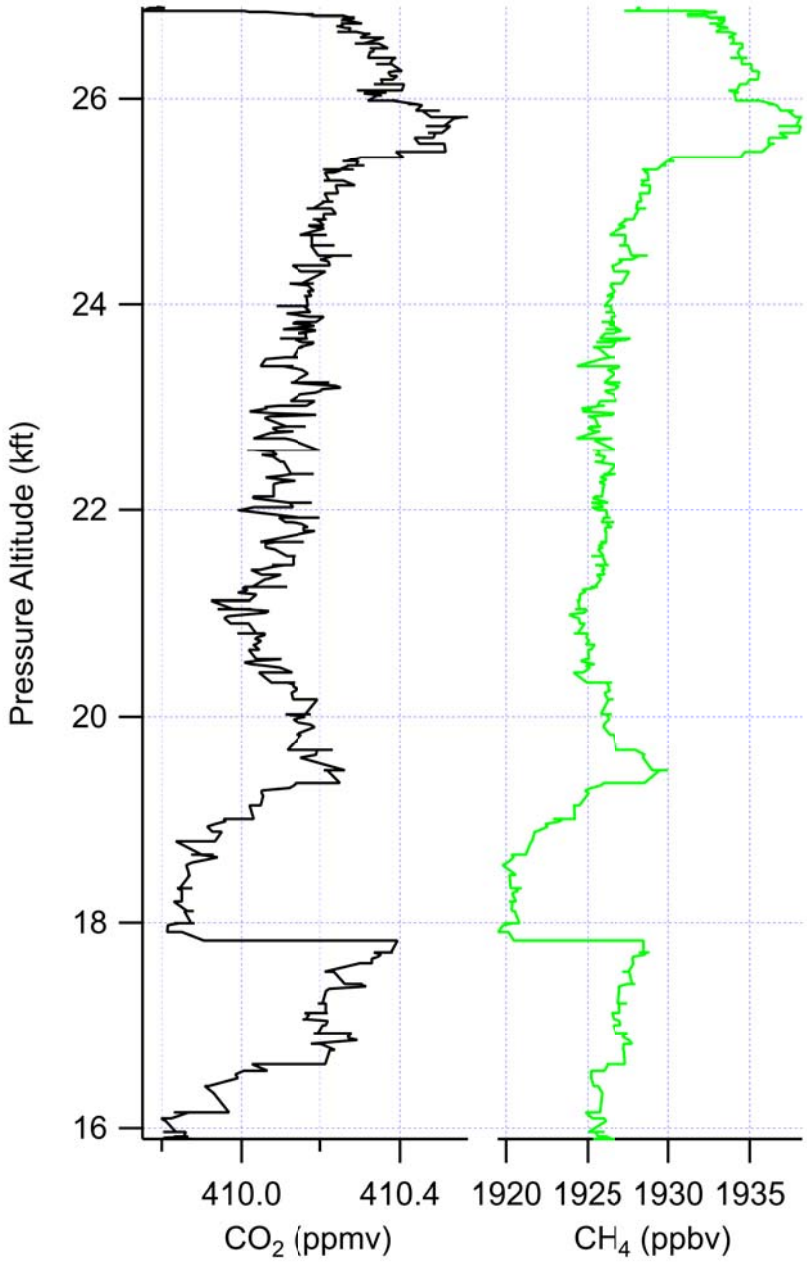

30
40
50
60
70
80
O3 (ppb)
46
45
44
43
42
41
Latitude (°)
-100
-99
-98
-97
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

C130: 16:56 - 17:09 UTC
40.975, -97.136

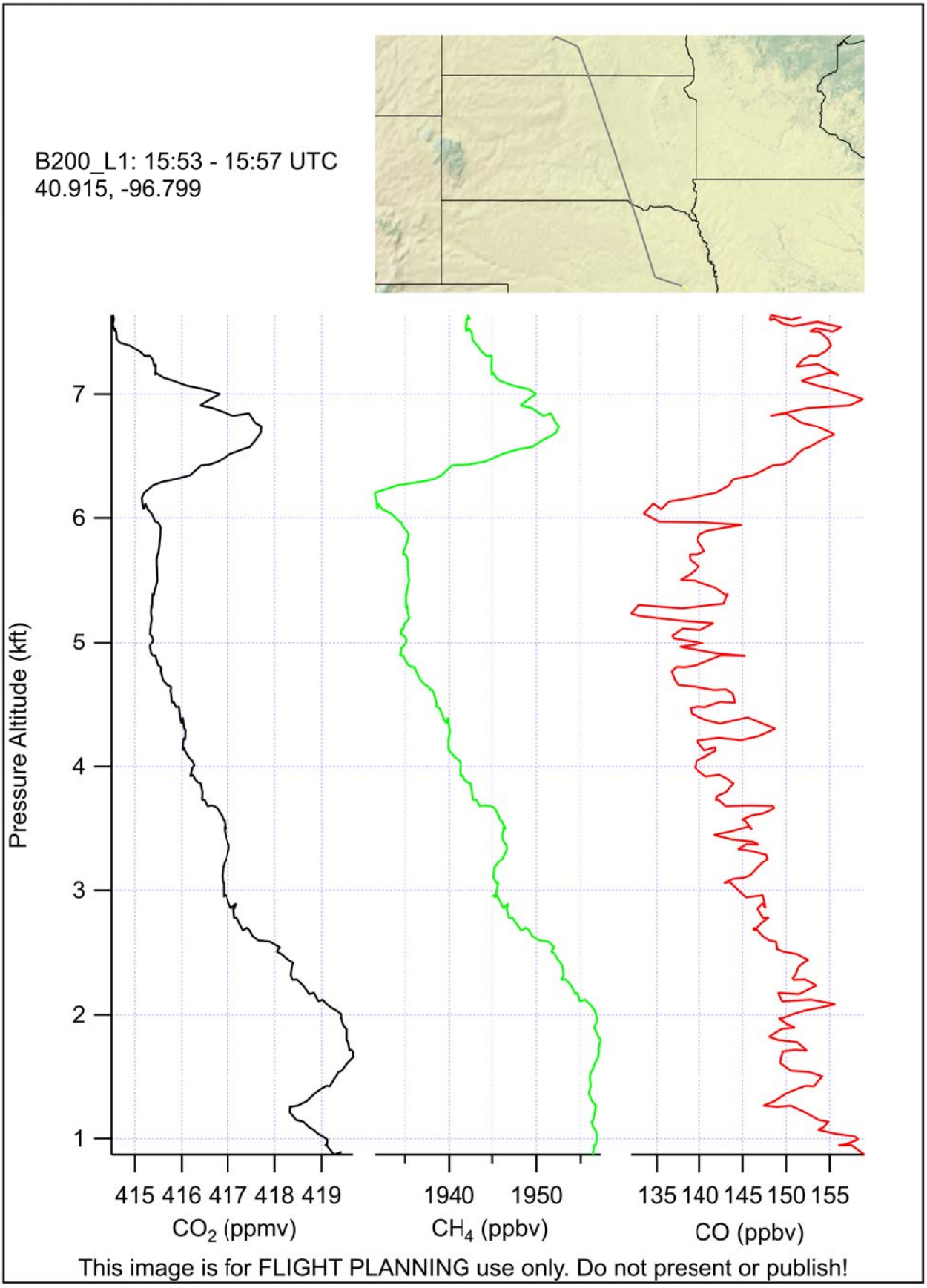


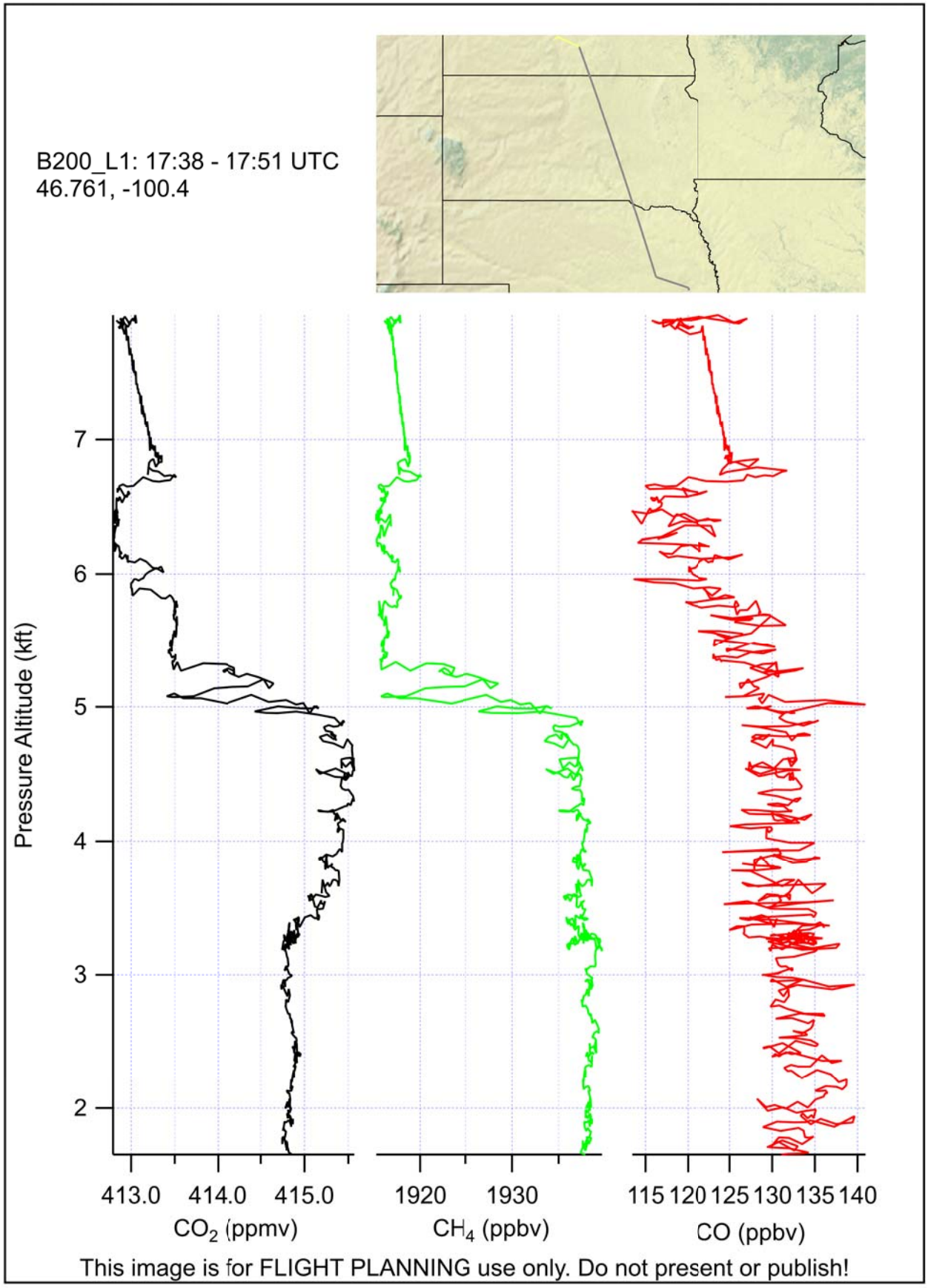
This image is for FLIGHT PLANNING use only. Do not present or publish!

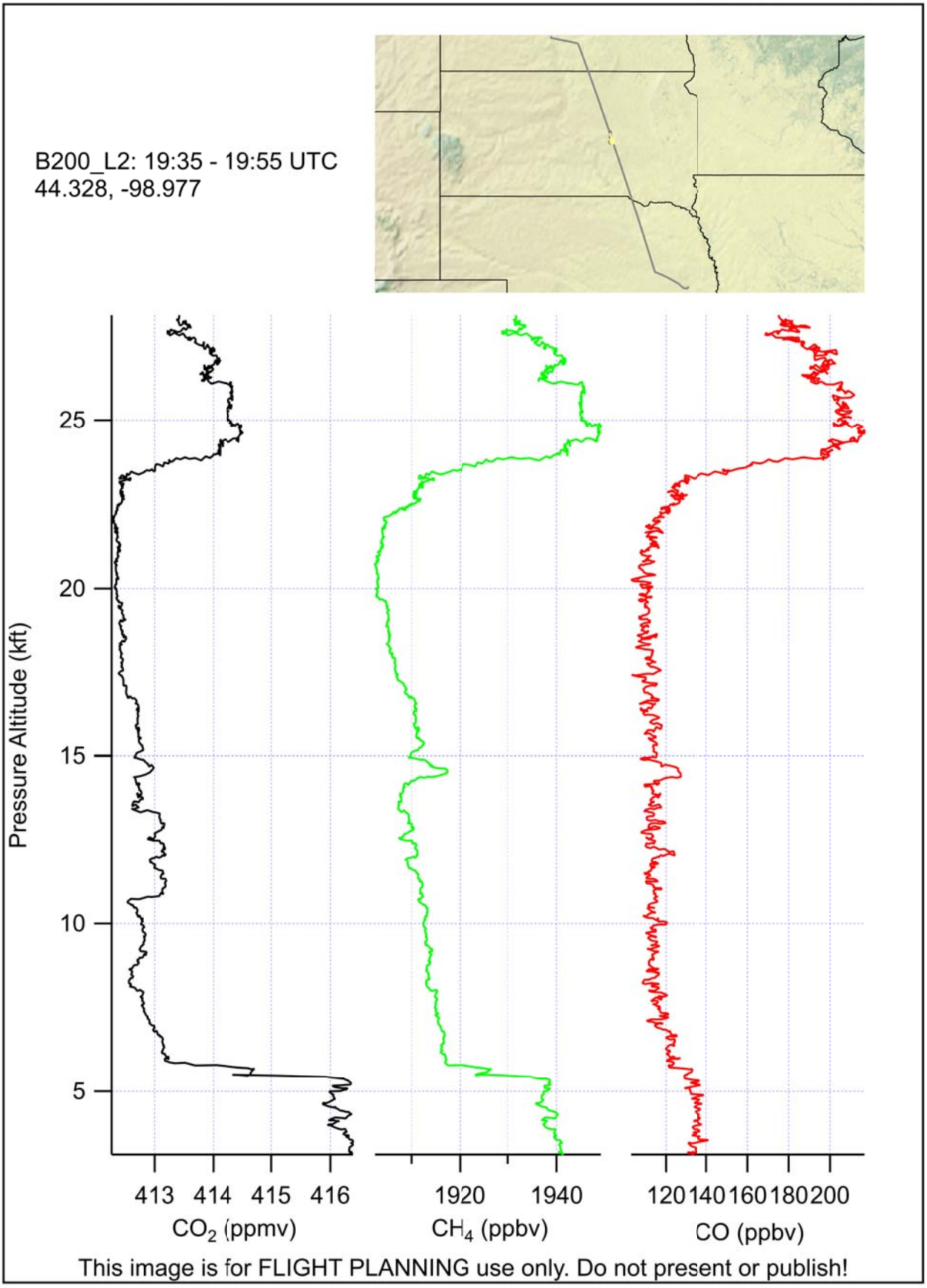
C130: 18:34 - 18:45 UTC
46.549, -99.408

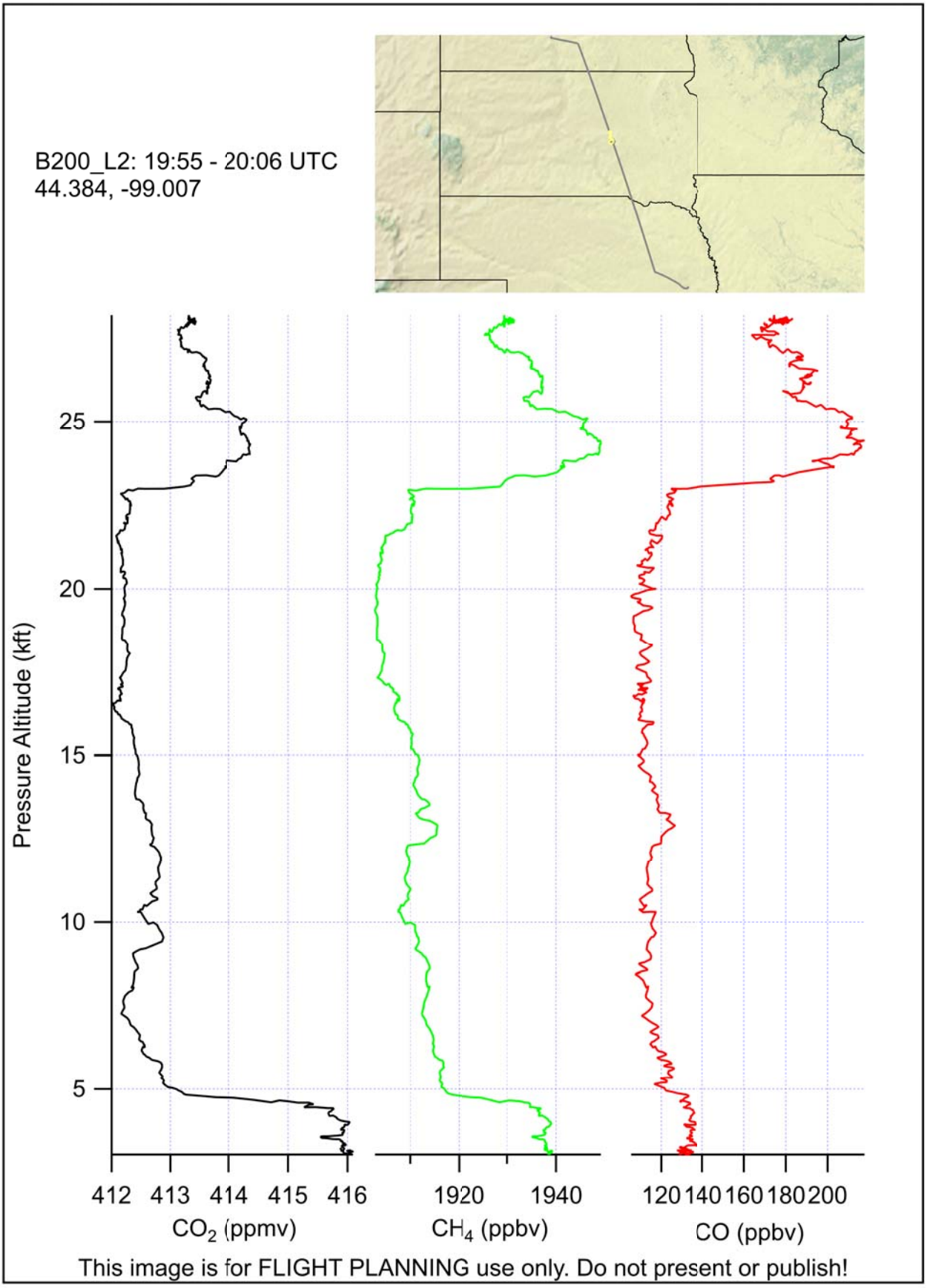


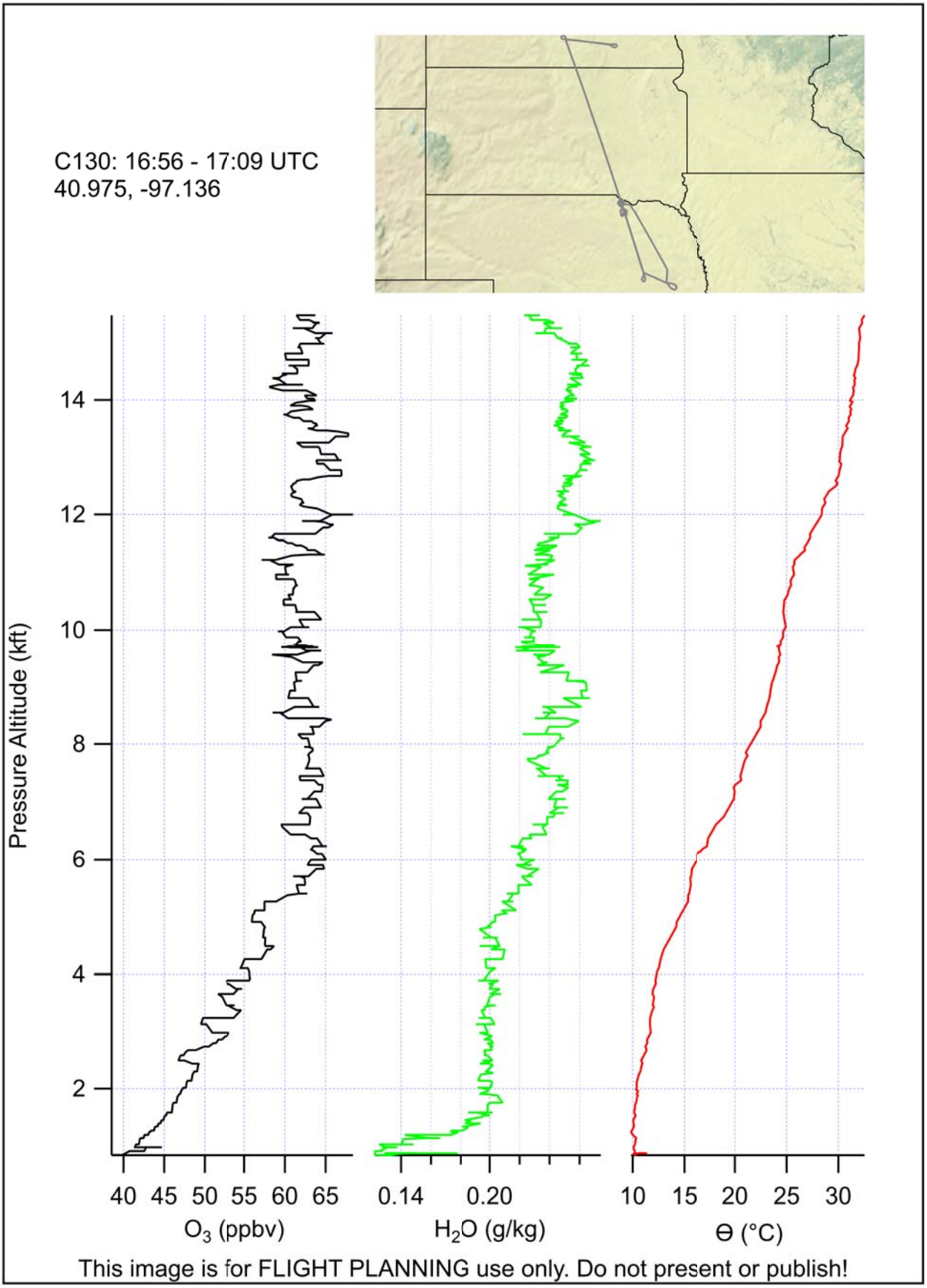
This image is for FLIGHT PLANNING use only. Do not present or publish!

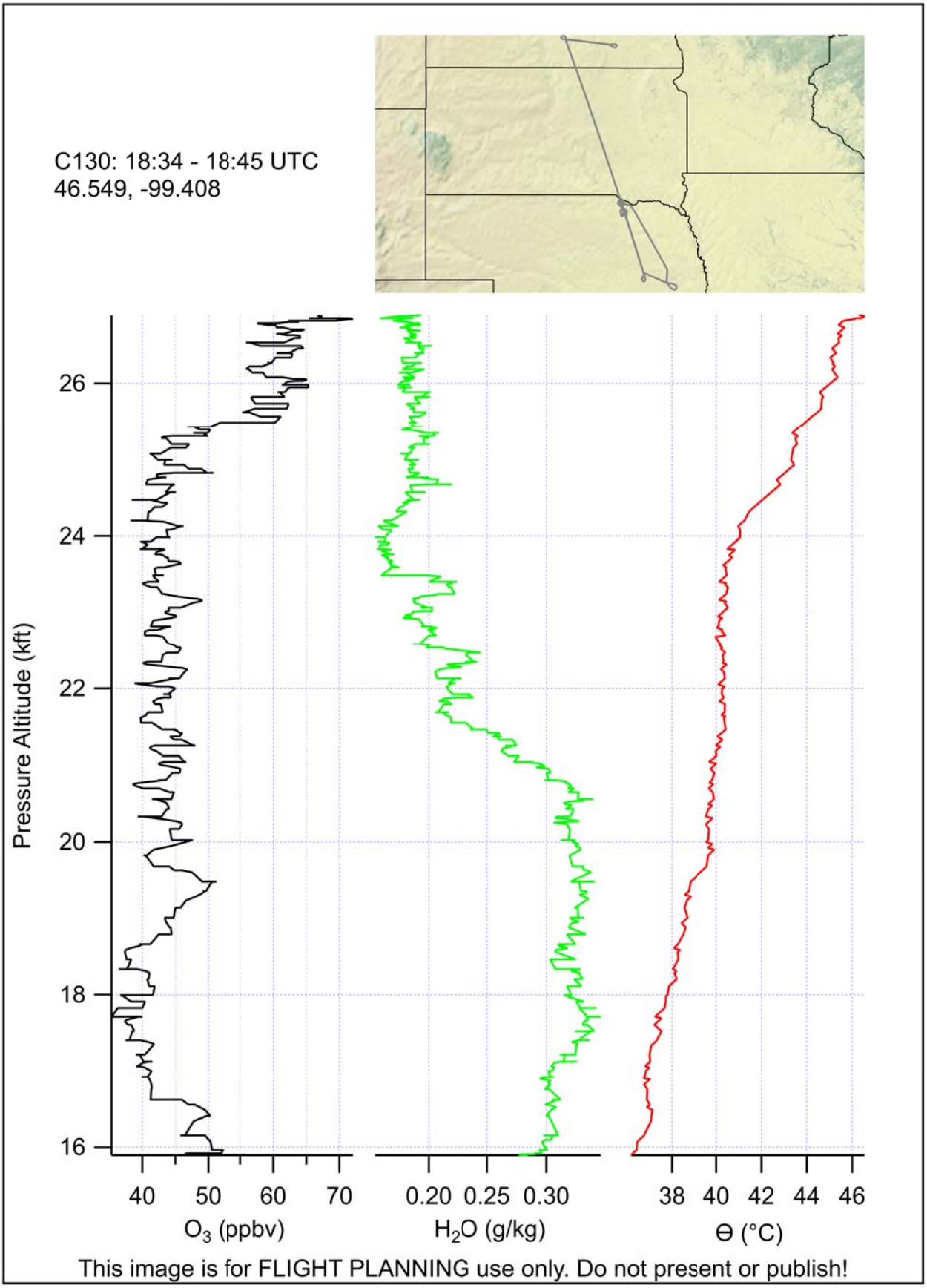

B200_L1: 15:53 - 15:57 UTC
40.915, -96.799
Pressure Altitude (kft)
1
2
3
4
5
6
7
415 416 417 418 419
CO2 (ppmv)
1940 1950
CH4 (ppbv)
135 140 145 150 155
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

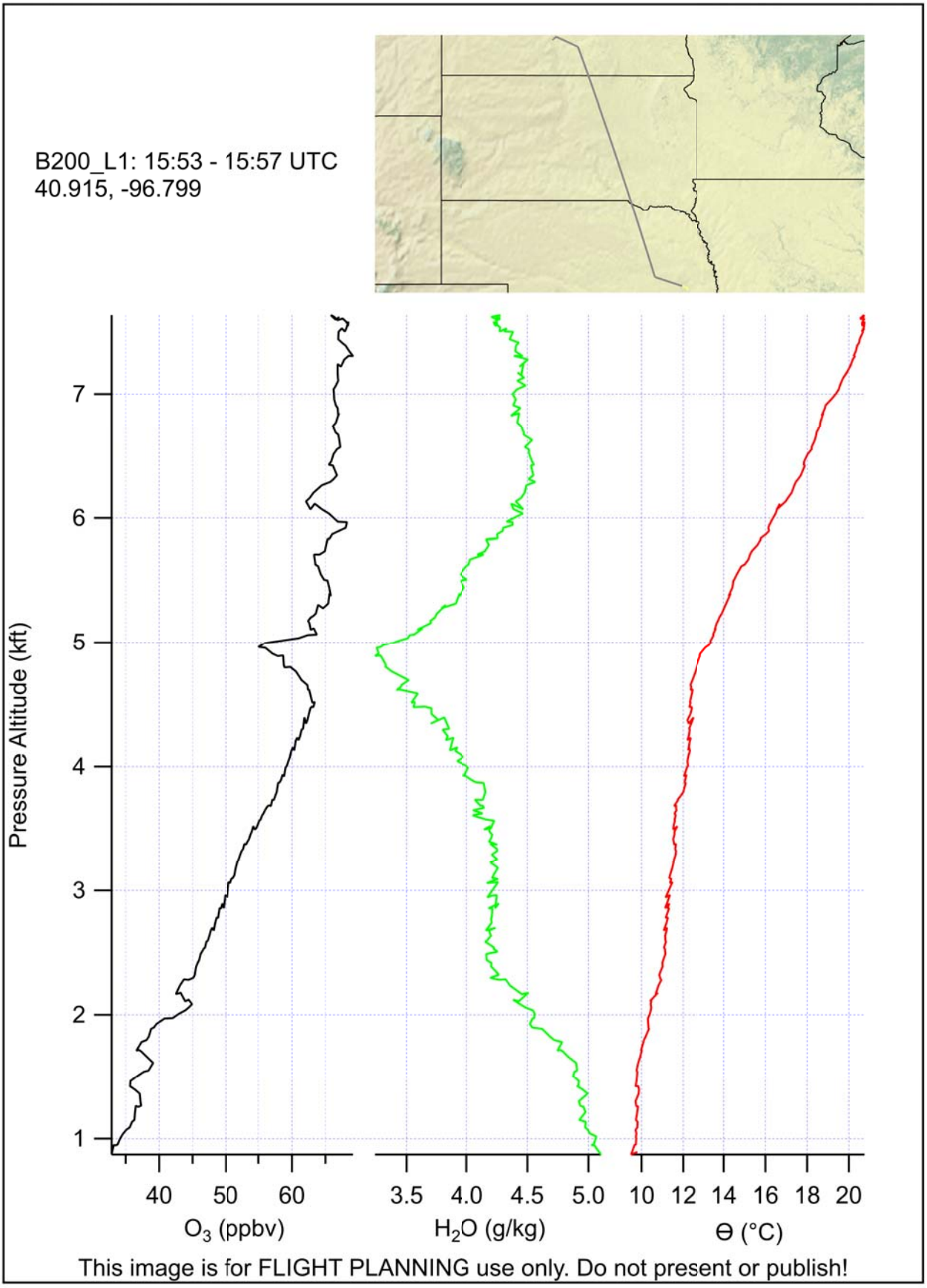

B200_L1: 17:38 - 17:51 UTC
46.761, -100.4
Pressure Altitude (kft)
7
6
5
4
3
2
413.0
414.0
415.0
CO2 (ppmv)
1920
1930
CH4 (ppbv)
115
120
125
130
135
140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

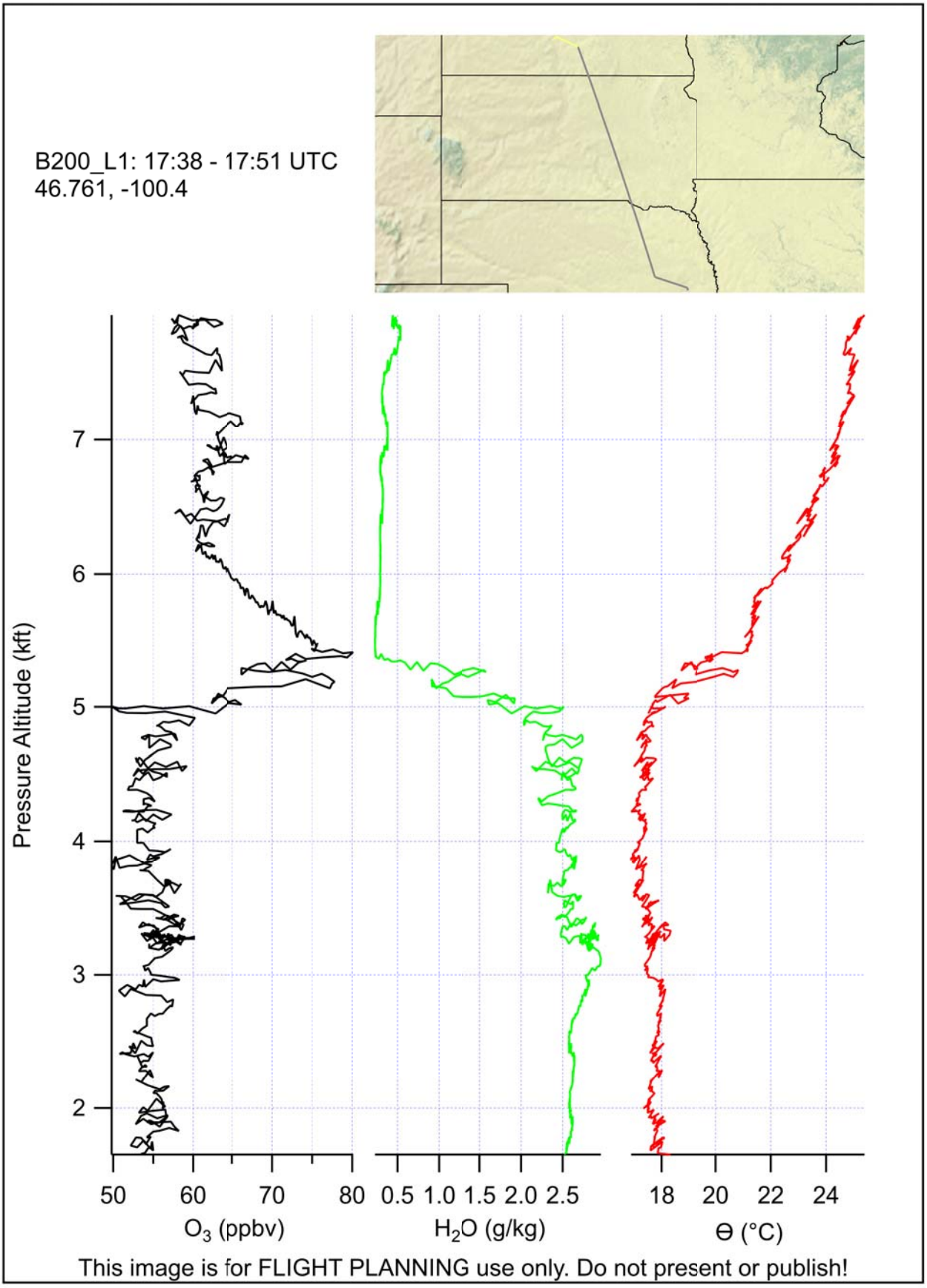

B200_L2: 19:35 - 19:55 UTC
44.328, -98.977
Pressure Altitude (kft)
25
20
15
10
5
413 414 415 416
CO2 (ppmv)
1920 1940
CH4 (ppbv)
120 140 160 180 200
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

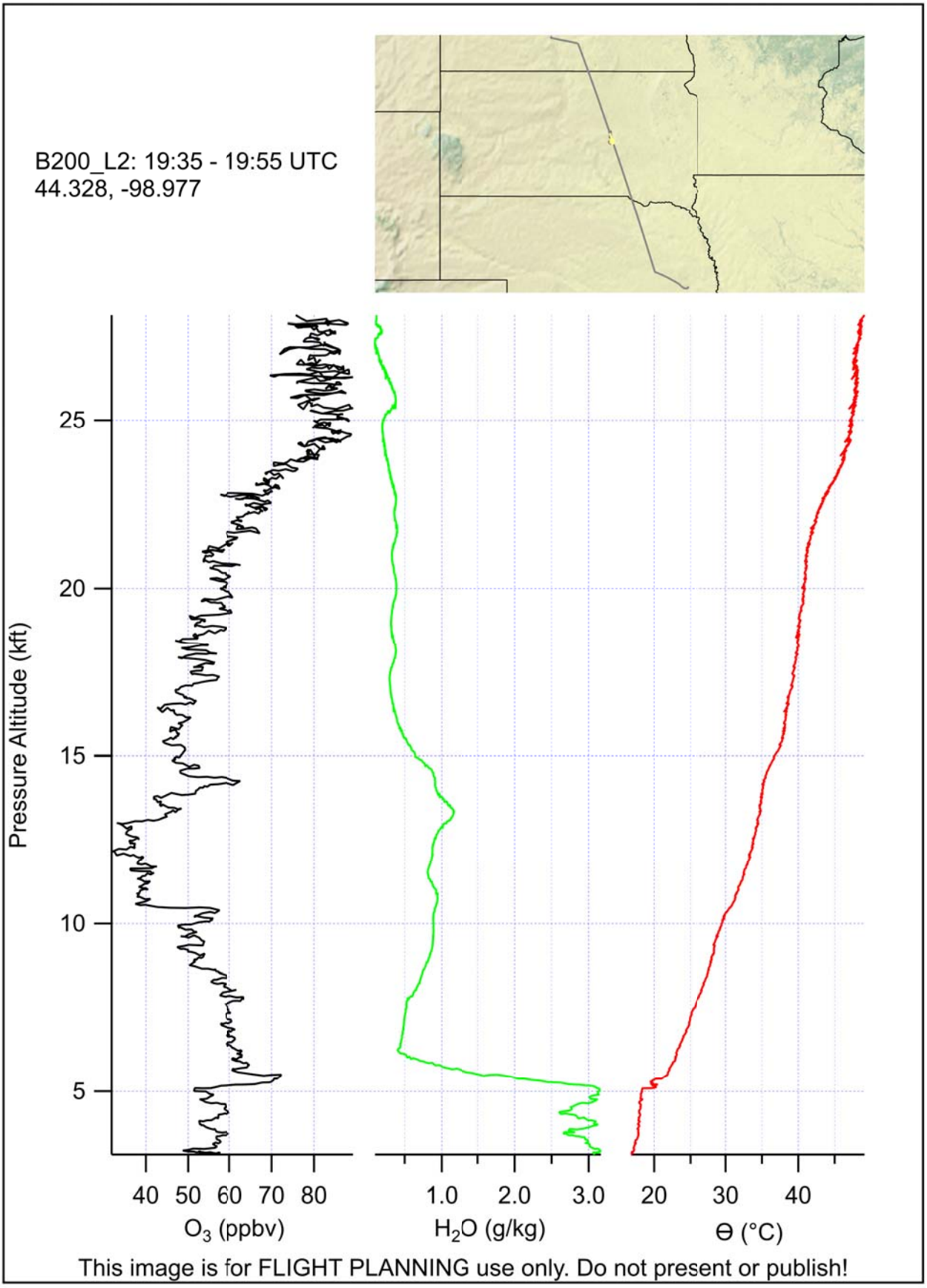

B200_L2: 19:55 - 20:06 UTC
44.384, -99.007
Pressure Altitude (kft)
25
20
15
10
5
412 413 414 415 416
CO2 (ppmv)
1920 1940
CH4 (ppbv)
120 140 160 180 200
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

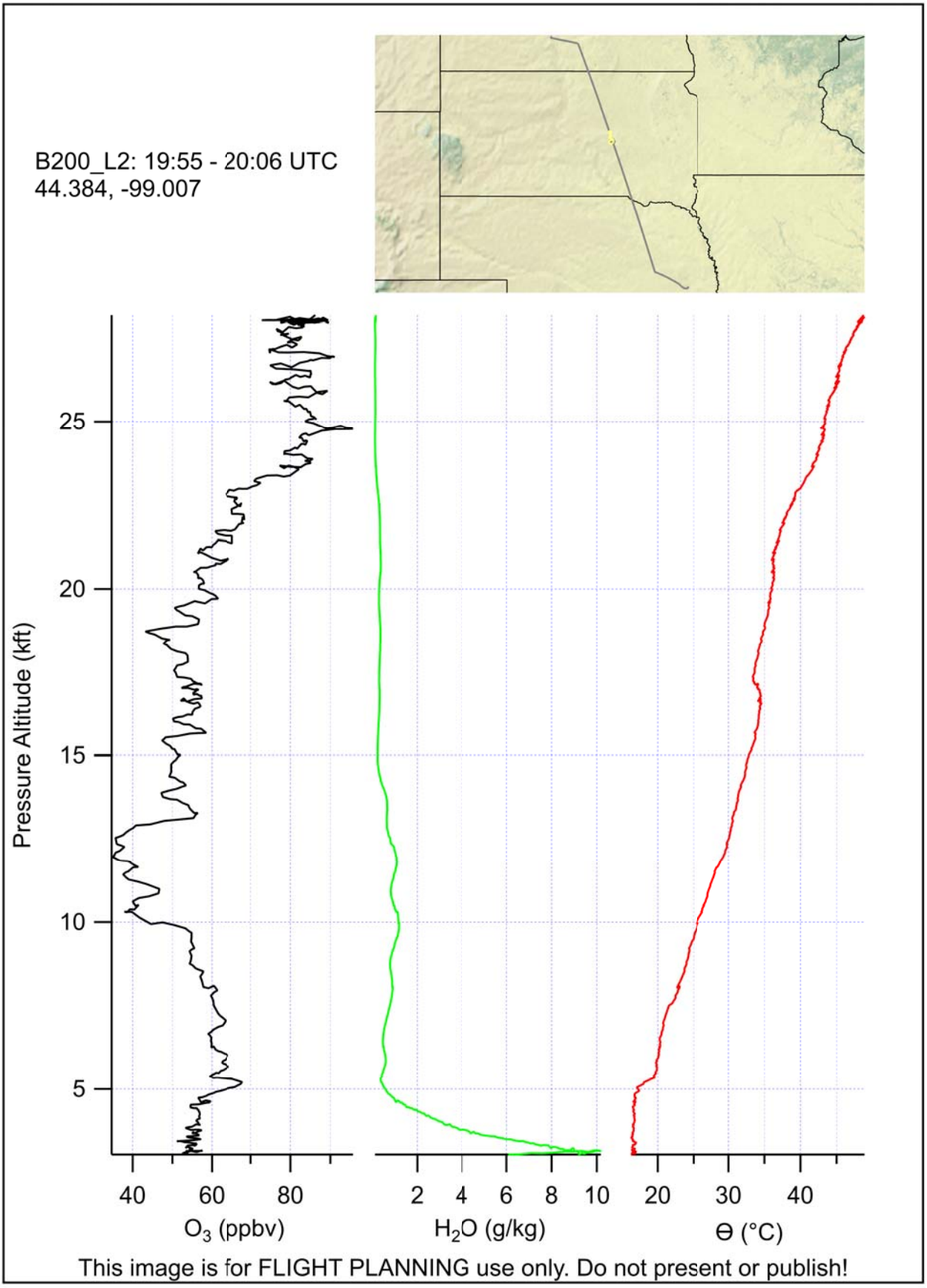

C130: 16:56 - 17:09 UTC
40.975, -97.136
Pressure Altitude (kft)
14
12
10
8
6
4
2
40 45 50 55 60 65
O3 (ppbv)
0.14 0.20
H2O (g/kg)
10 15 20 25 30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:34 - 18:45 UTC
46.549, -99.408
Pressure Altitude (kft)
26
24
22
20
18
16
40
50
60
70
O3 (ppbv)
0.20
0.25
0.30
H2O (g/kg)
38
40
42
44
46
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 15:53 - 15:57 UTC
40.915, -96.799
Pressure Altitude (kft)
1
2
3
4
5
6
7
40
50
60
O3 (ppbv)
3.5
4.0
4.5
5.0
H2O (g/kg)
10
12
14
16
18
20
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 17:38 - 17:51 UTC
46.761, -100.4
Pressure Altitude (kft)
7
6
5
4
3
2
50
60
70
80
O3 (ppbv)
0.5 1.0 1.5 2.0 2.5
H2O (g/kg)
18
20
22
24
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 19:35 - 19:55 UTC
44.328, -98.977
Pressure Altitude (kft)
25
20
15
10
5
40 50 60 70 80
O3 (ppbv)
1.0 2.0 3.0
H2O (g/kg)
20 30 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 19:55 - 20:06 UTC
44.384, -99.007
Pressure Altitude (kft)
25
20
15
10
5
40
60
80
O3 (ppbv)
2
4
6
8
10
H2O (g/kg)
20
30
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!