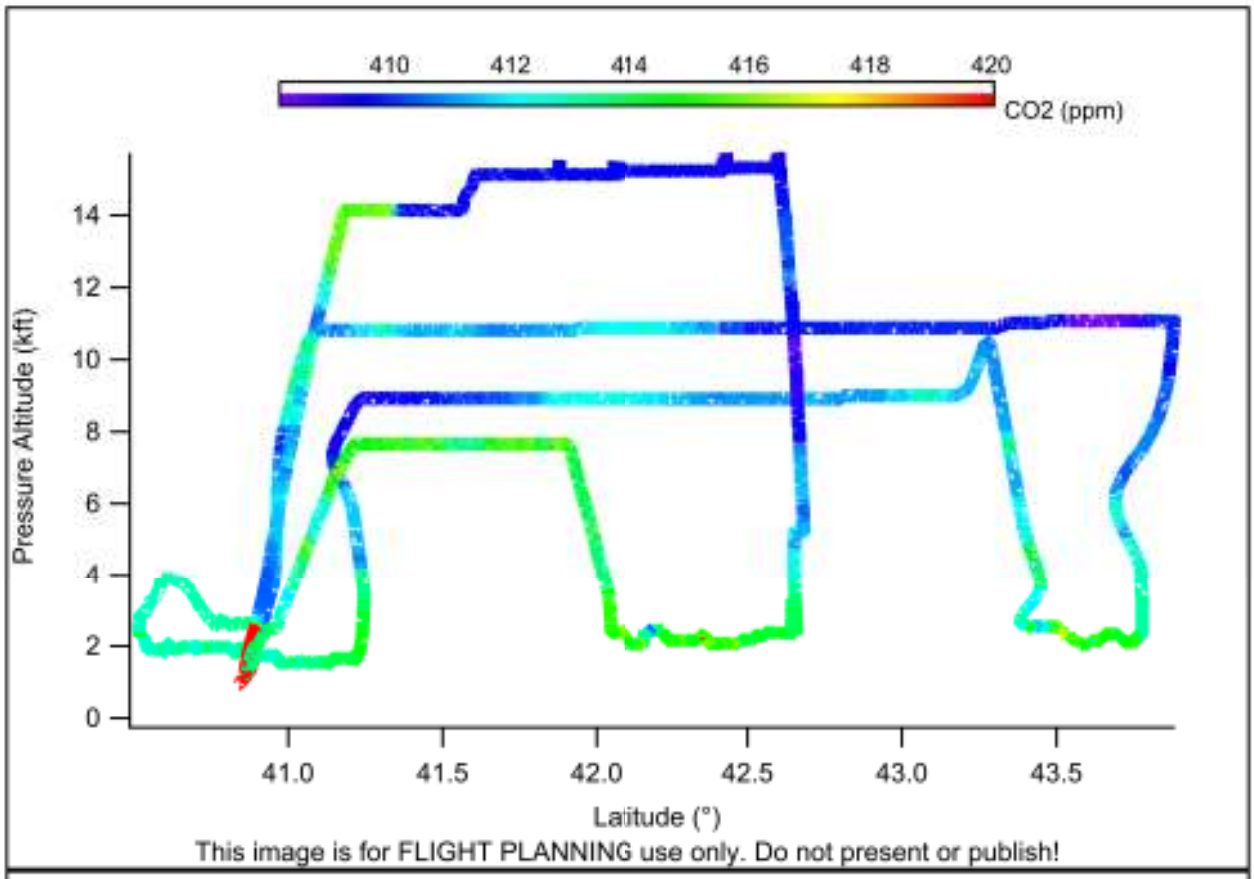
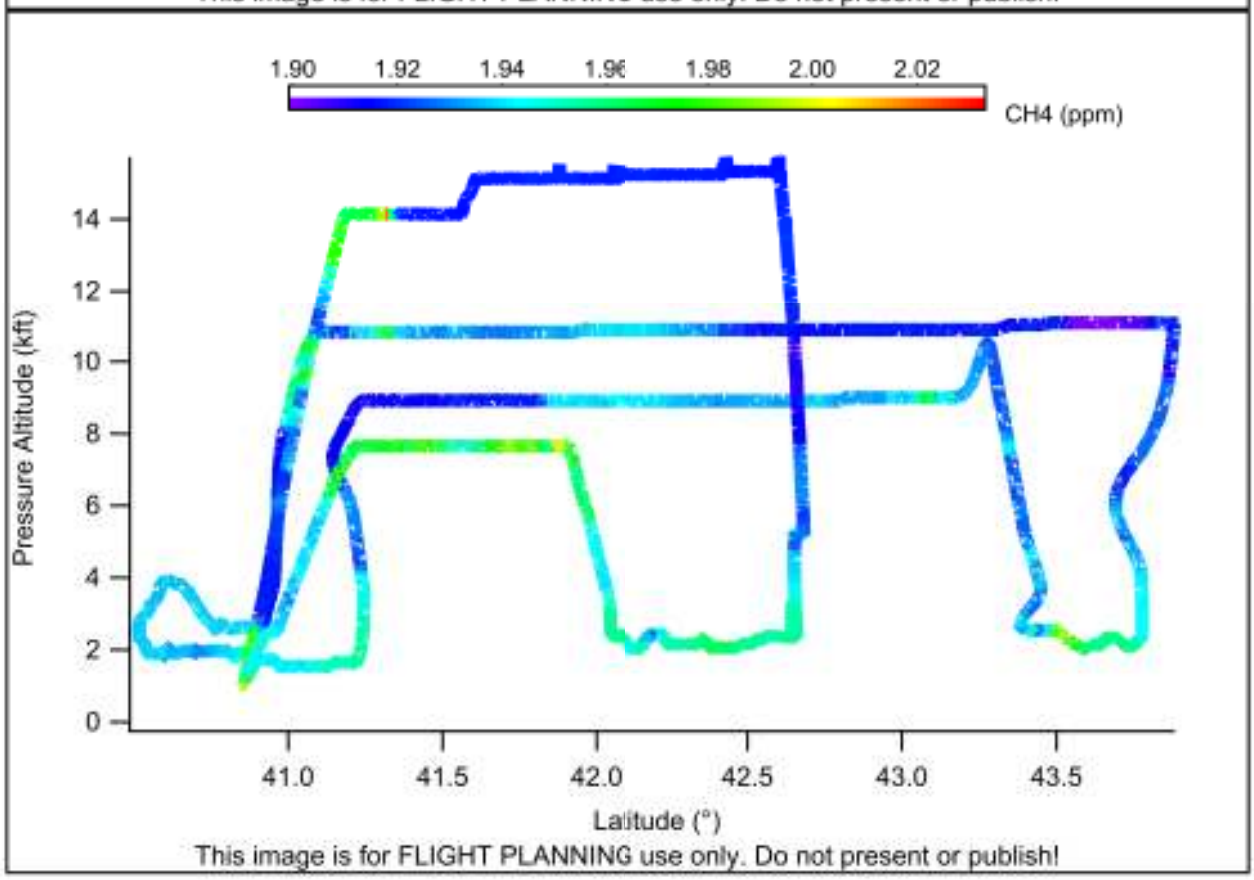
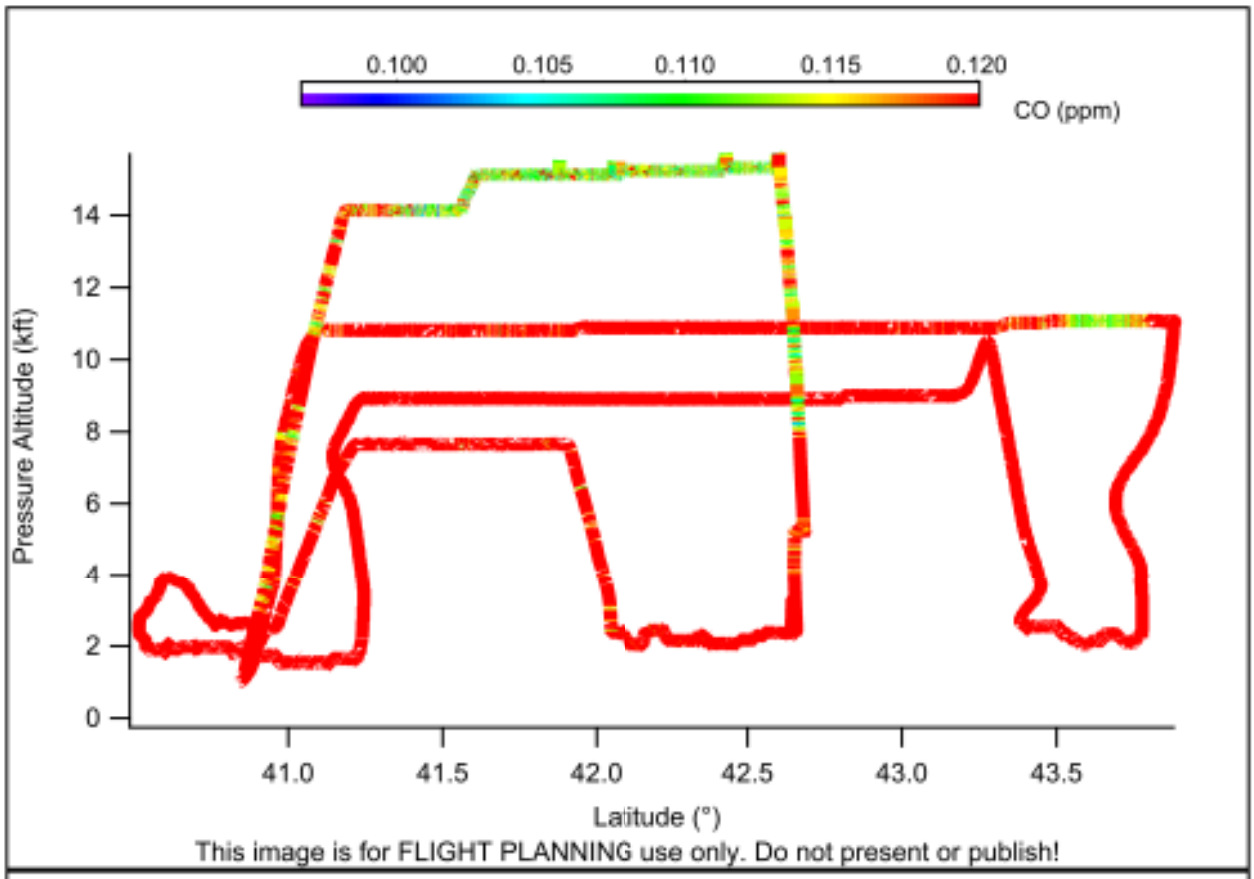
ACT-America 20170225


410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
41.0
41.5
42.0
42.5
43.0
43.5
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
2.02
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
41.0
41.5
42.0
42.5
43.0
43.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!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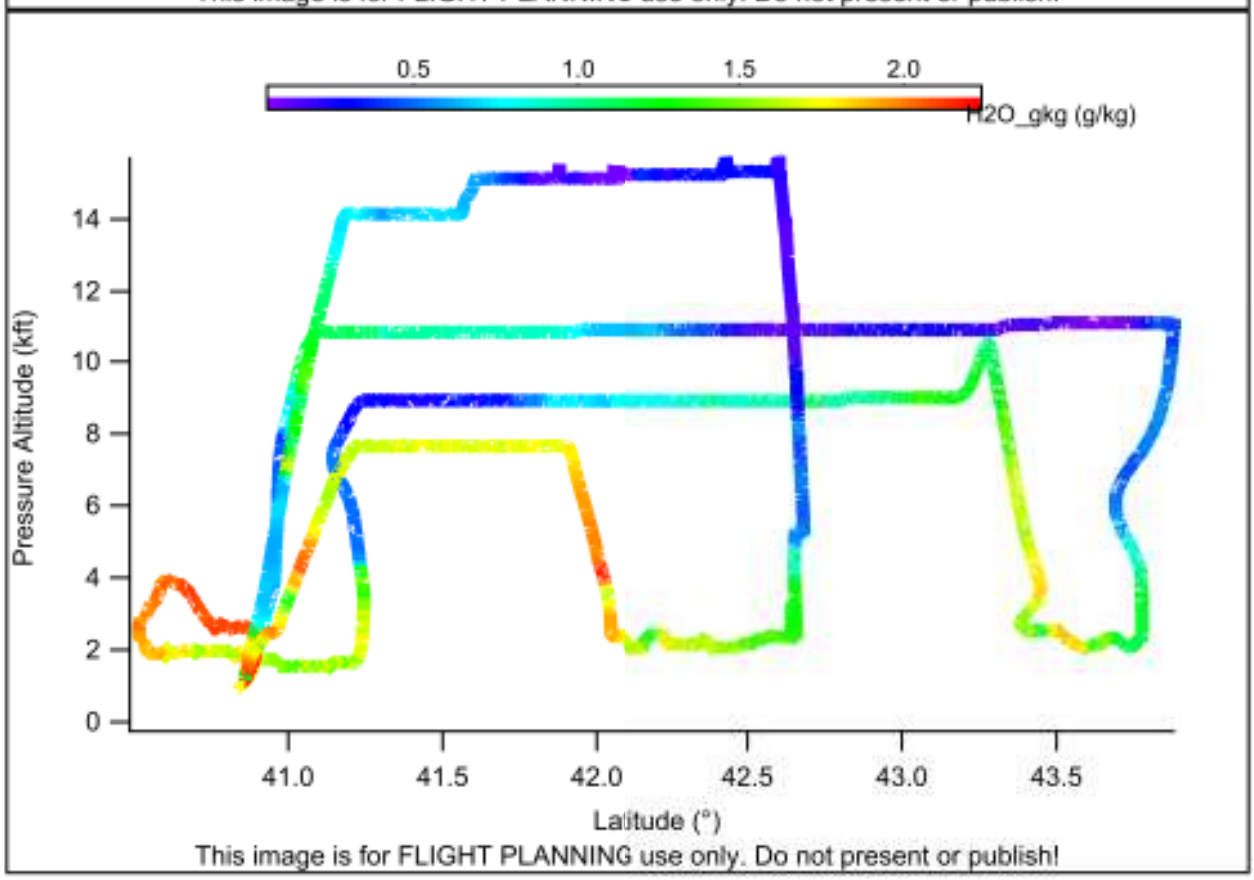
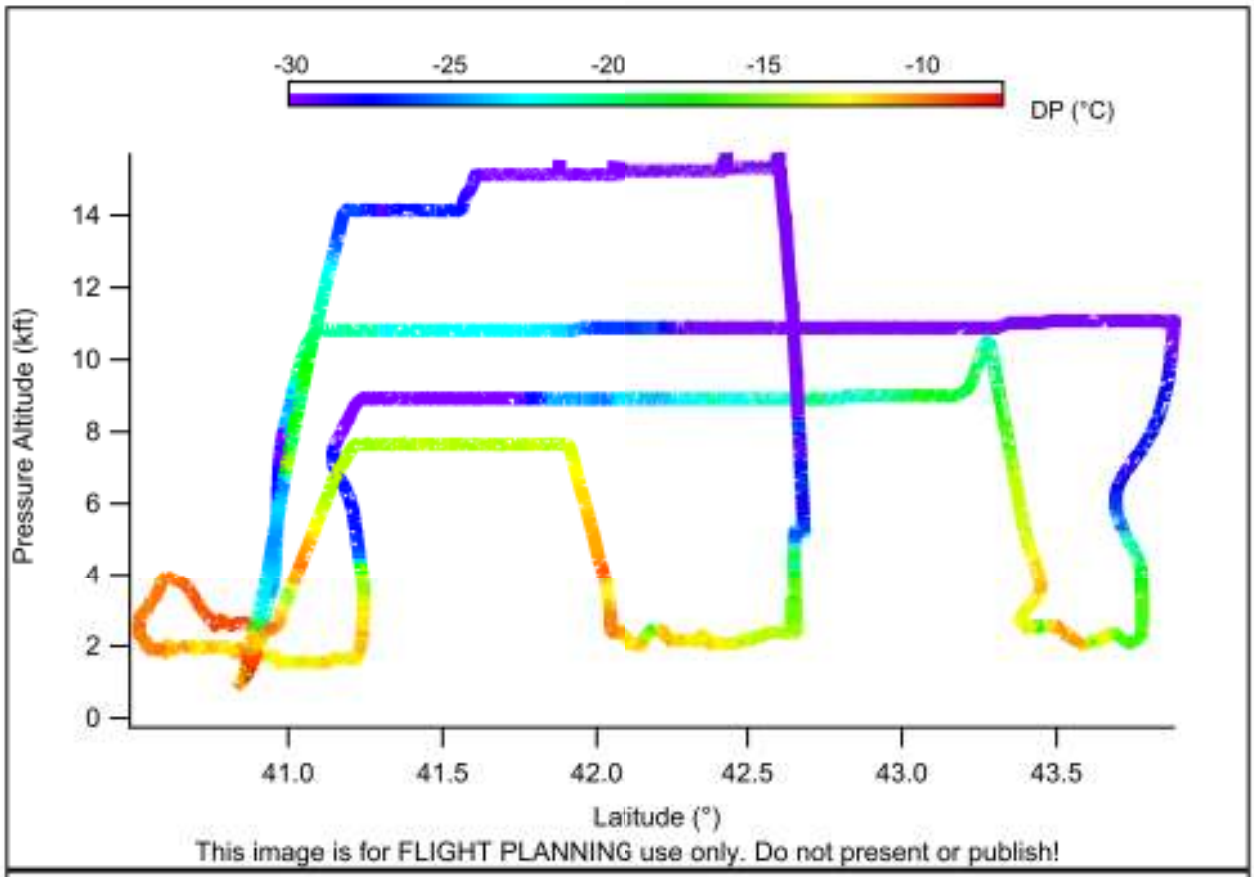
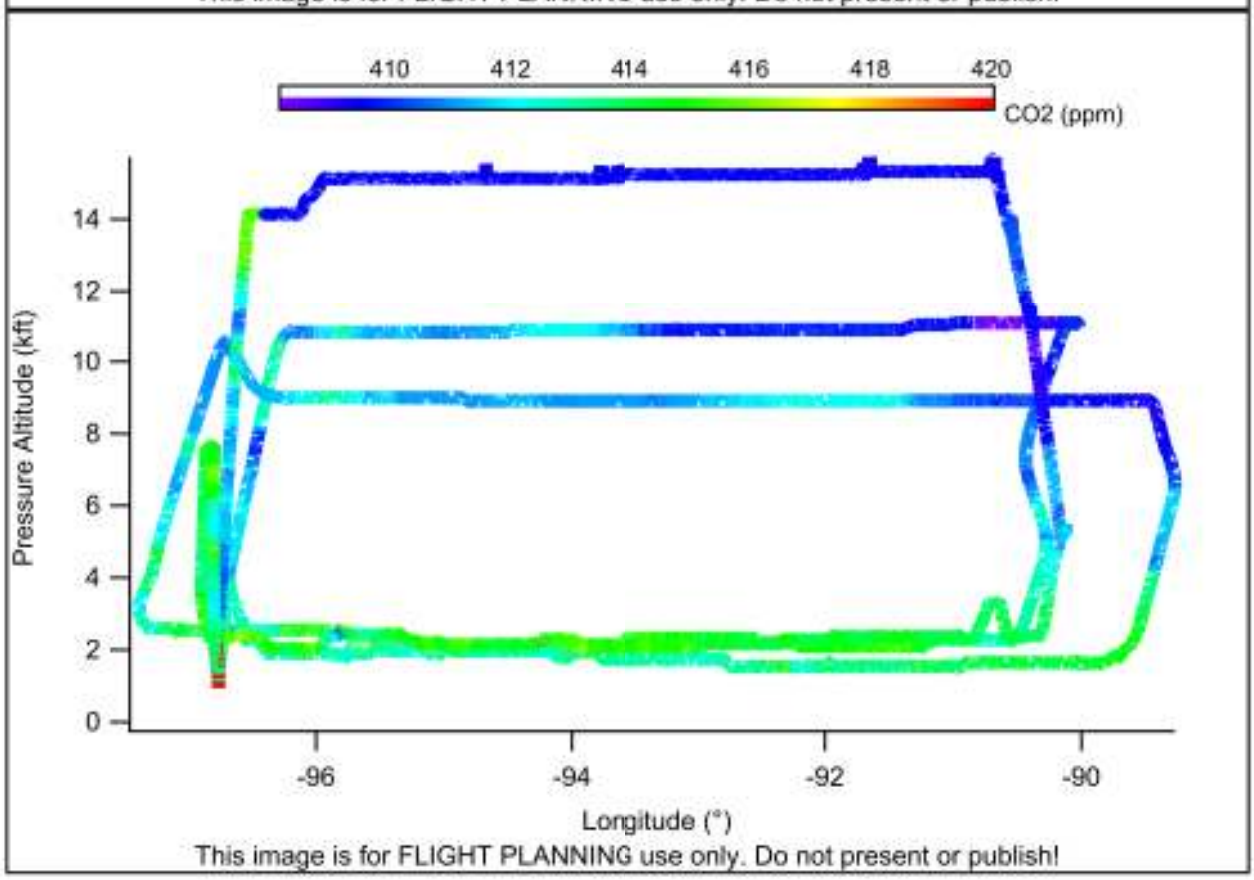
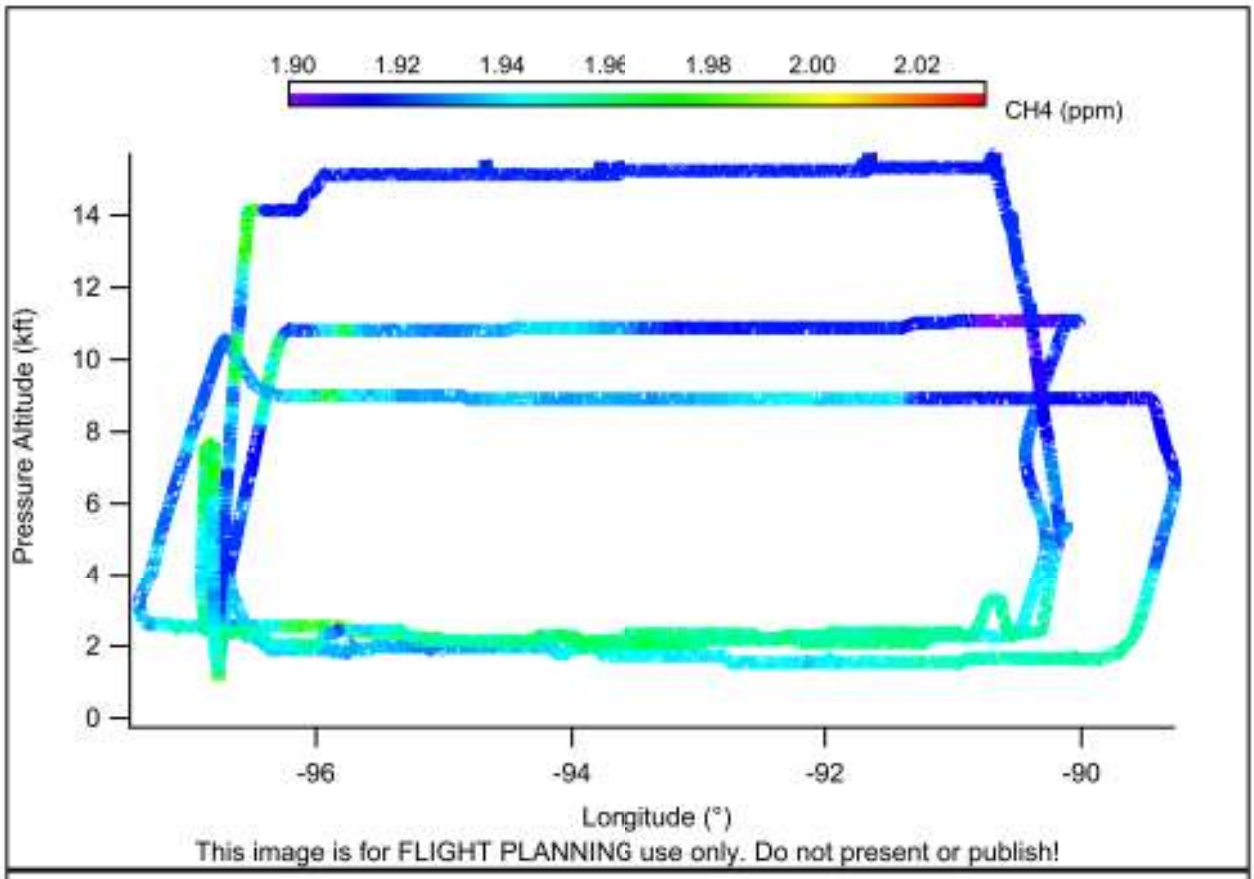
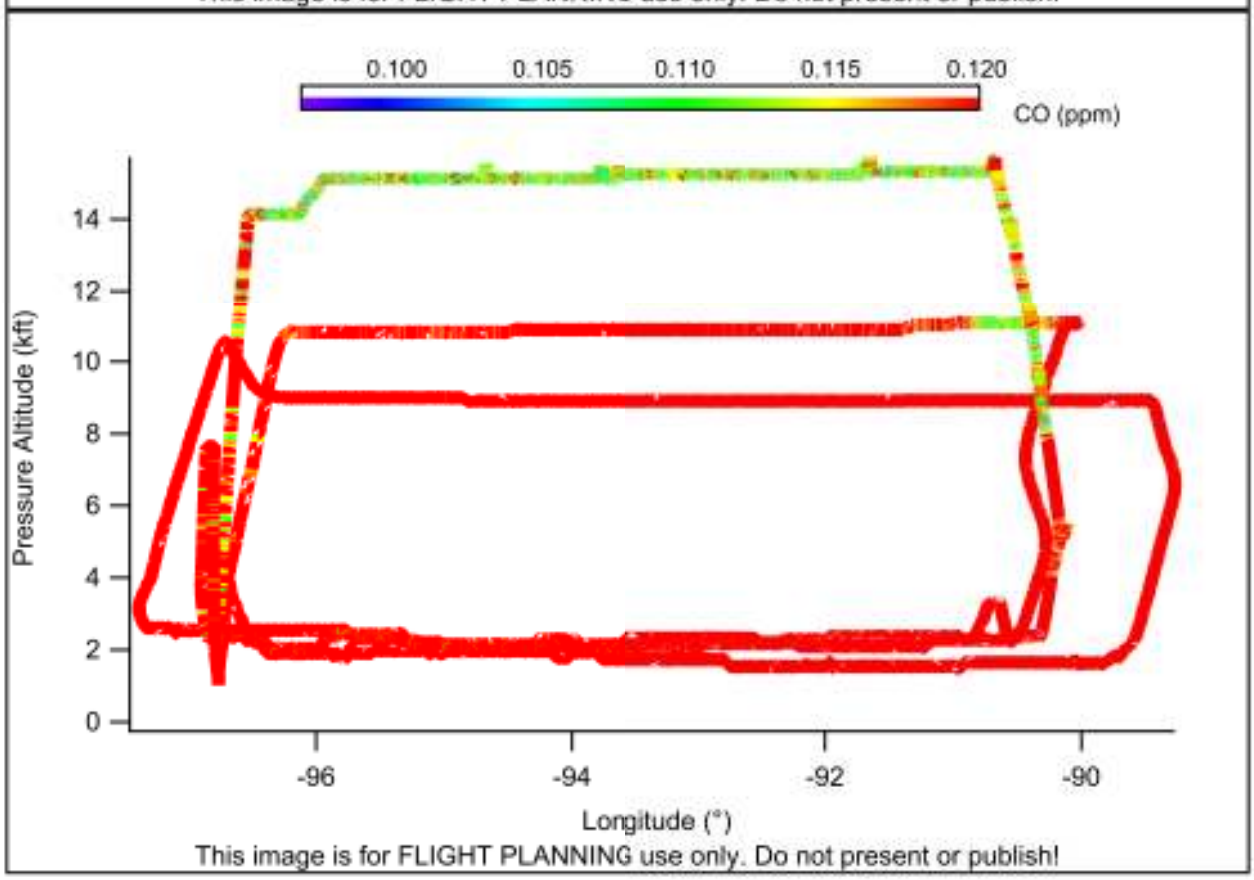
0.105
0.110
0.115
0.120
CO (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
41.0
41.5
42.0
42.5
43.0
43.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

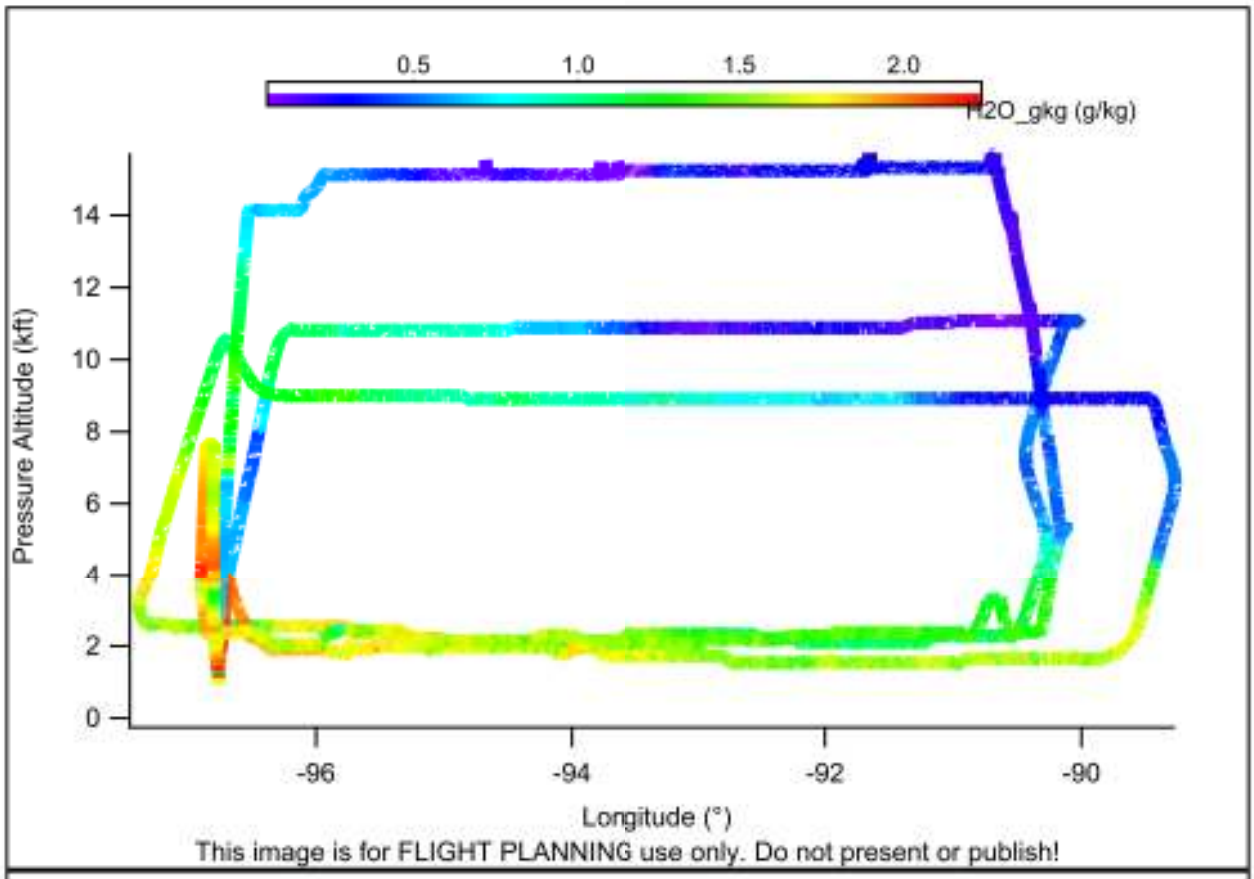

0.5
1.0
1.5
2.0
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
41.0
41.5
42.0
42.5
43.0
43.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

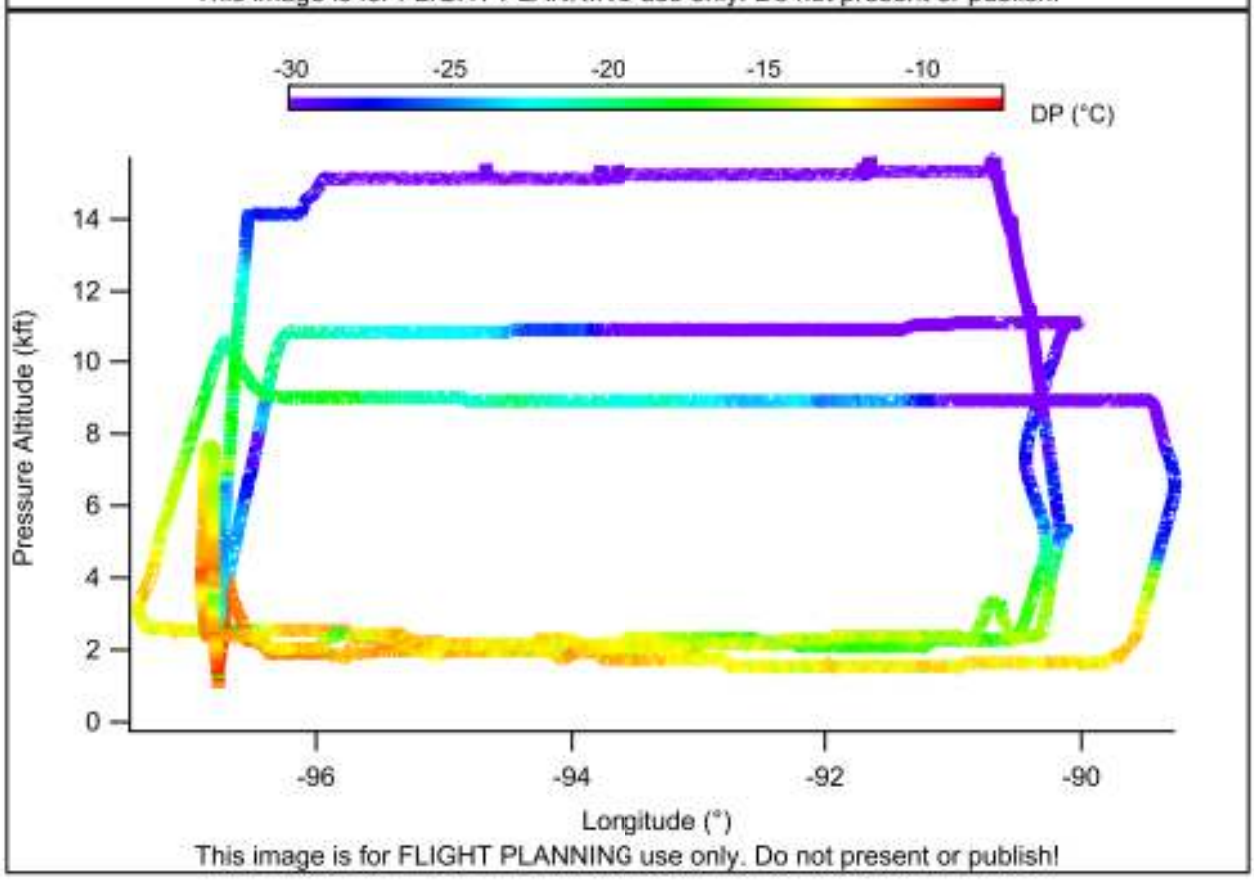

-30
-25
-20
-15
-10
DP (°C)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
41.0
41.5
42.0
42.5
43.0
43.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

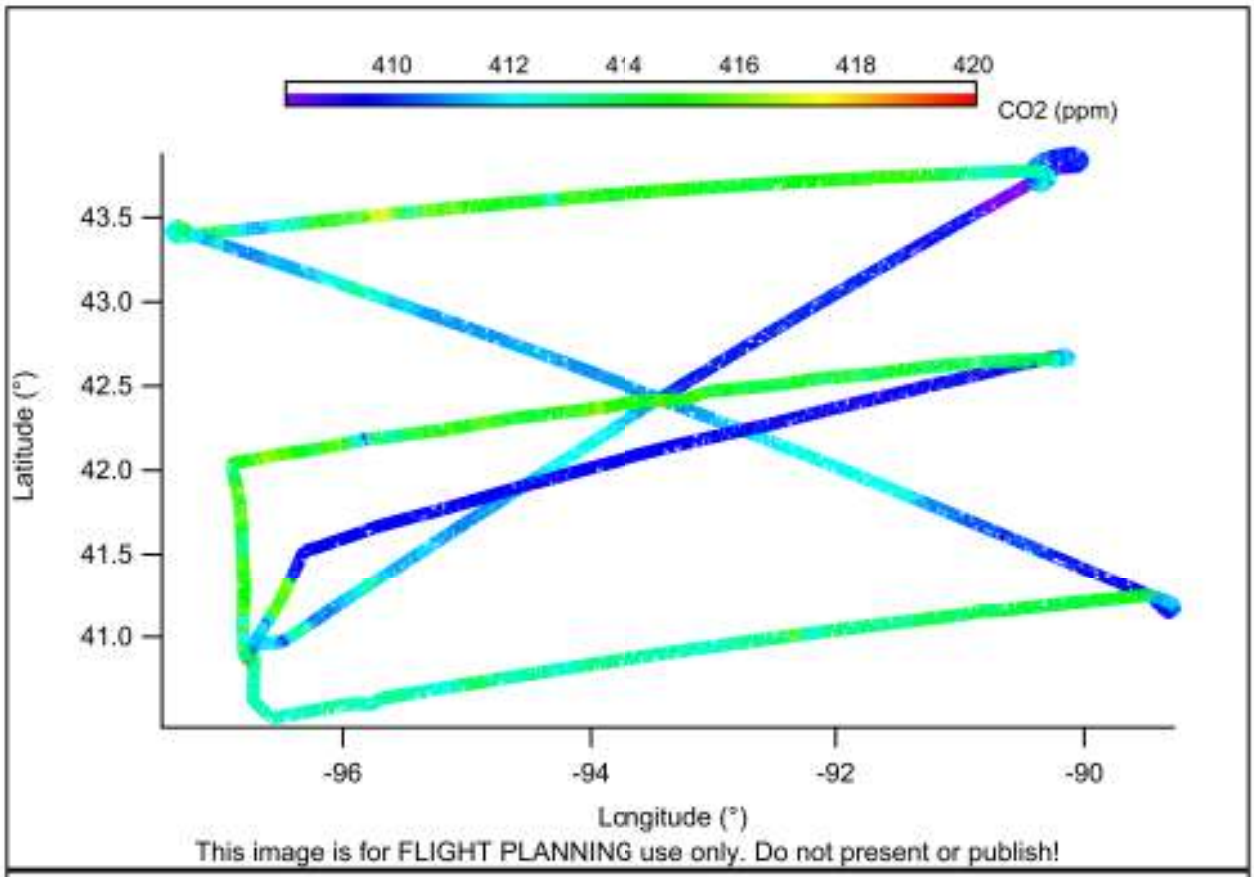

410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

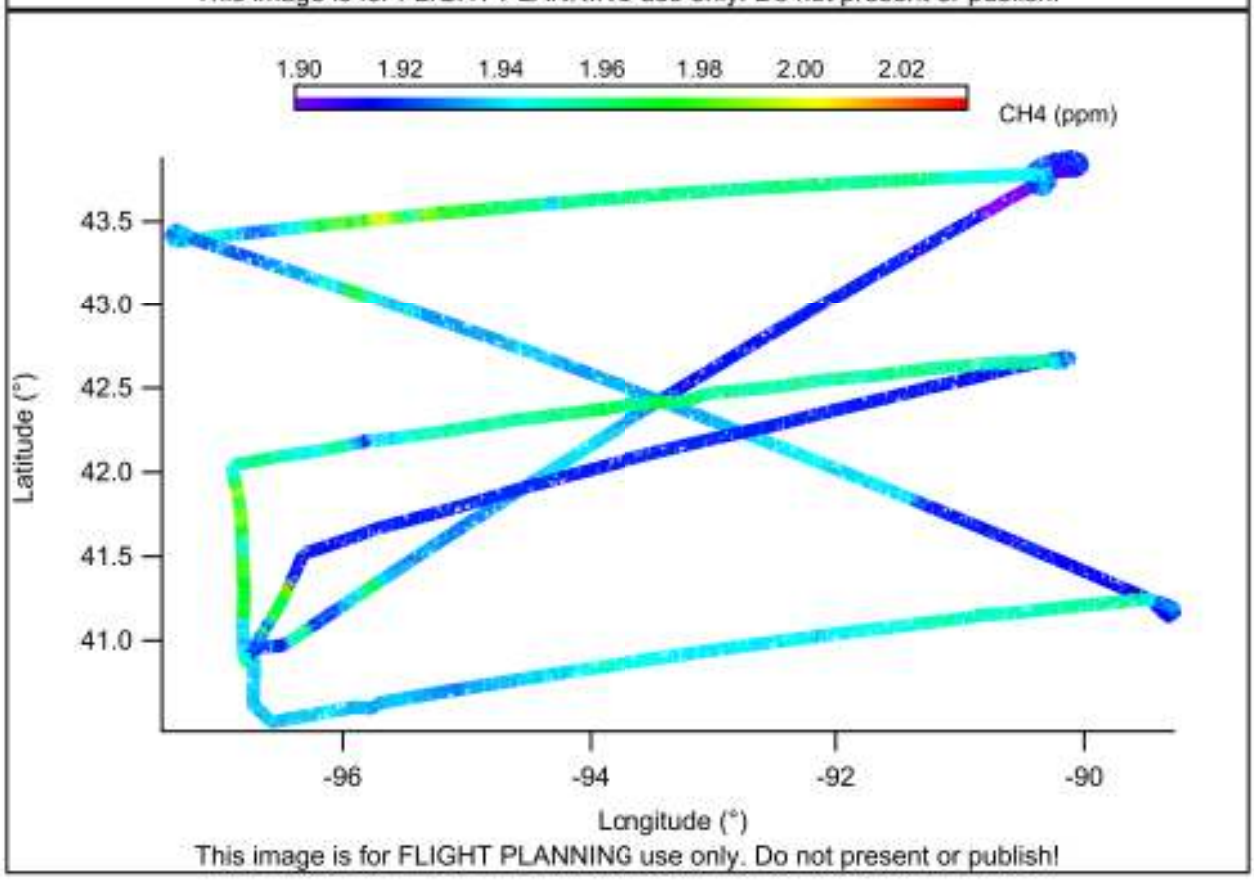

1.90
1.92
1.94
1.96
1.98
2.00
2.02
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

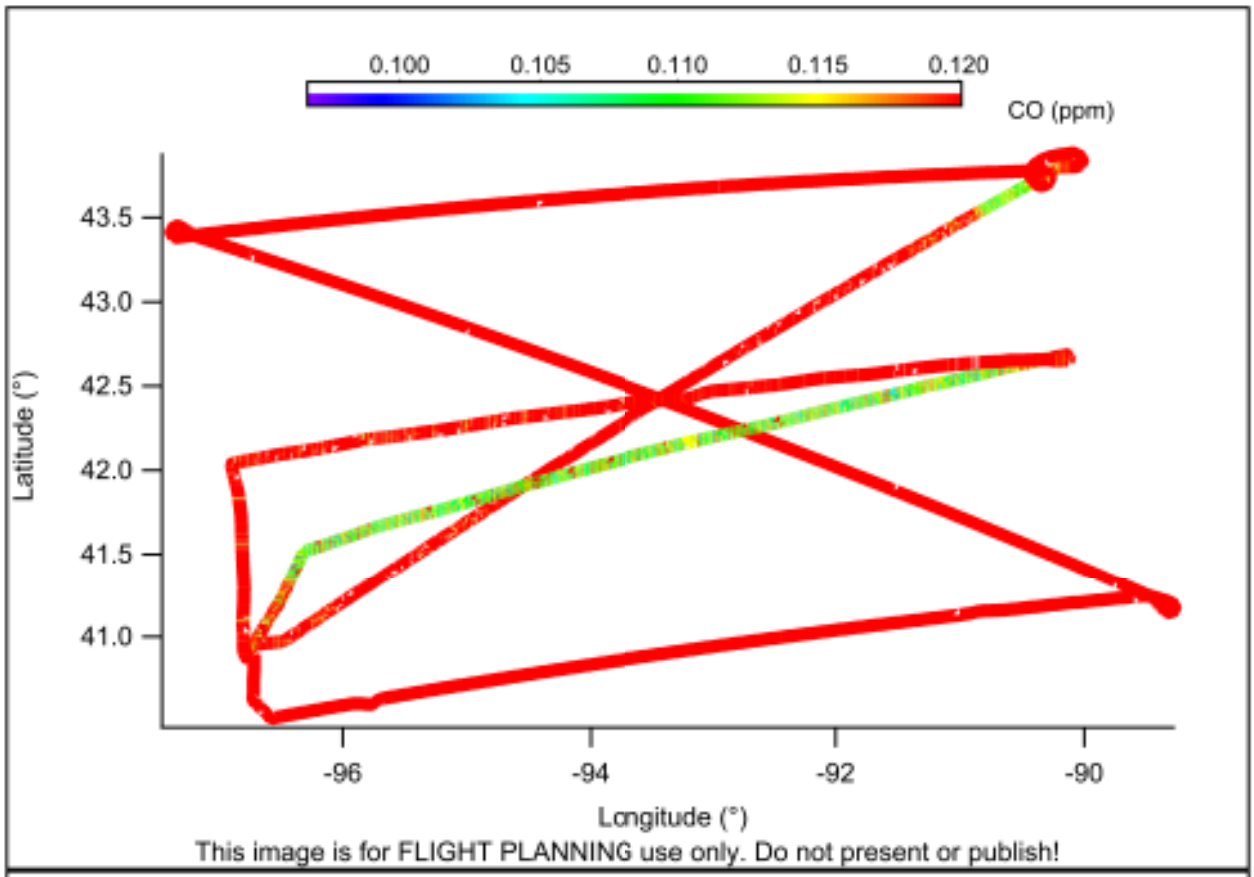

0.100
0.105
0.110
0.115
0.120
CO (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

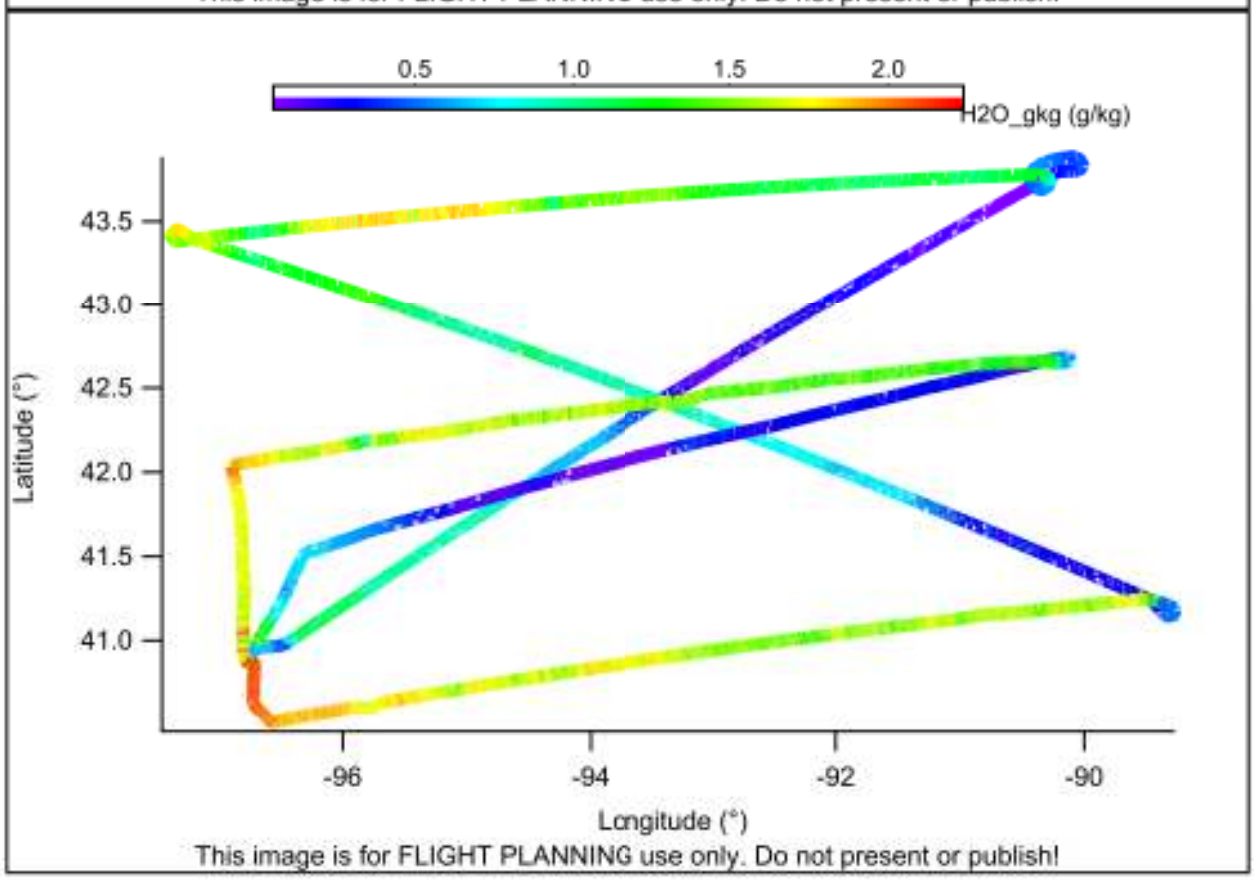

0.5
1.0
1.5
2.0
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

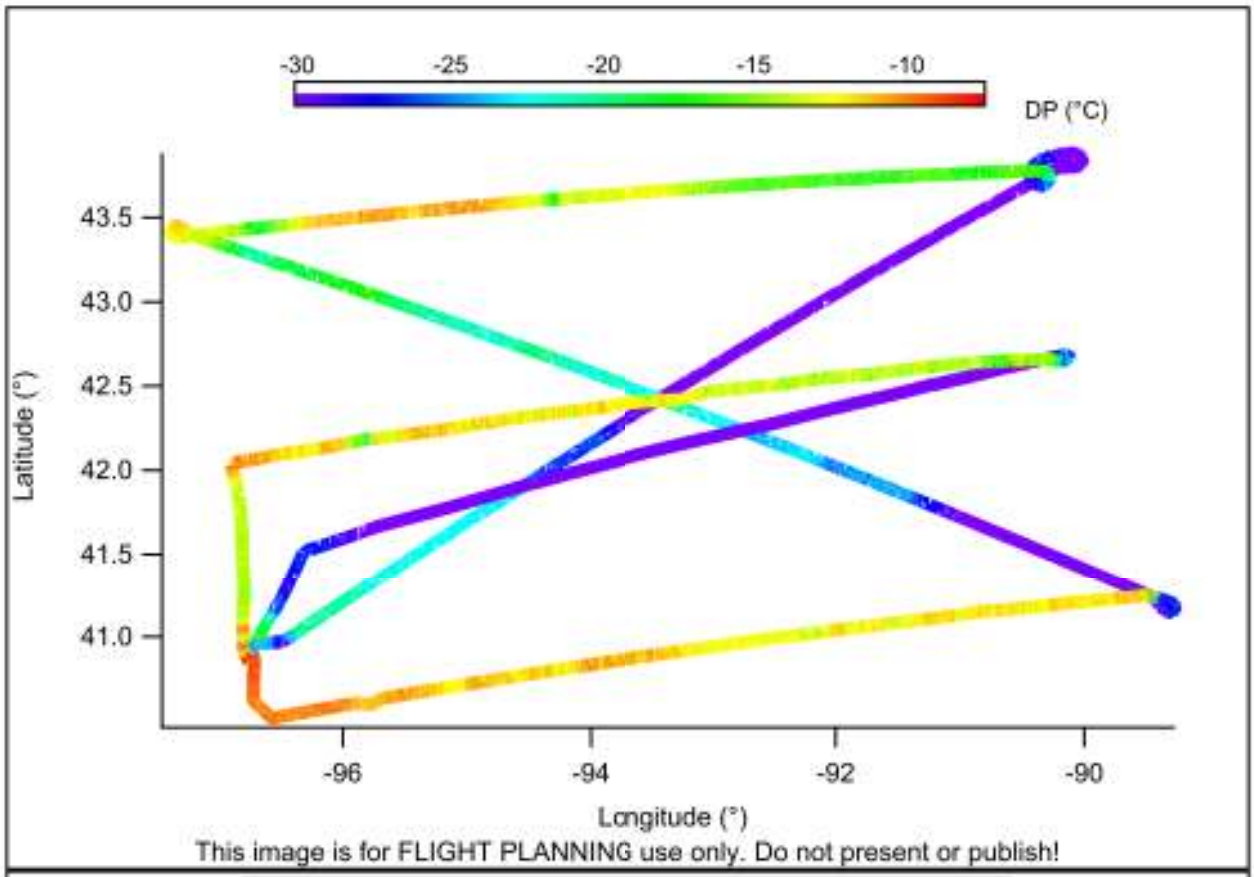

-30
-25
-20
-15
-10
DP (°C)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

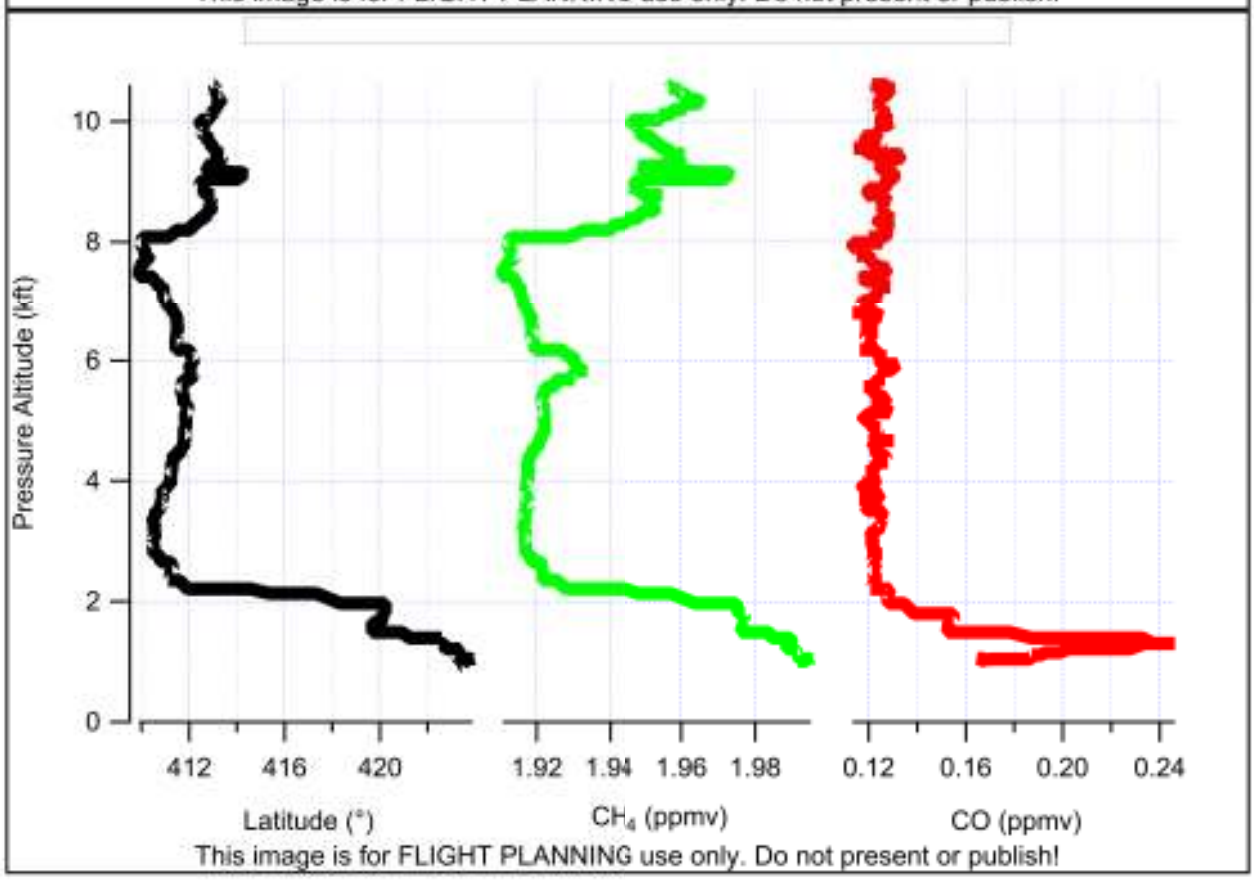

410
412
414
416
418
420
CO2 (ppm)
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

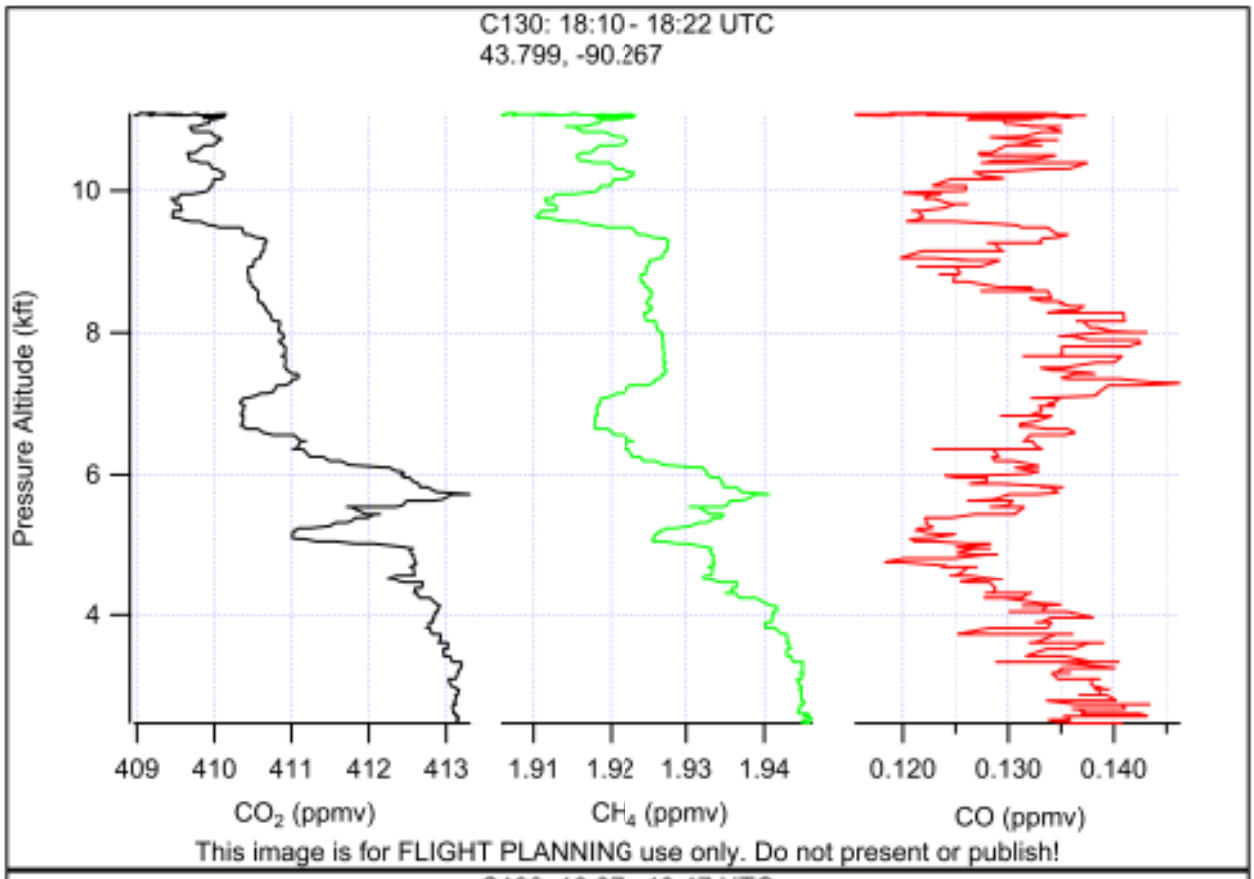

1.90
1.92
1.94
1.96
1.98
2.00
2.02
CH4 (ppm)
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

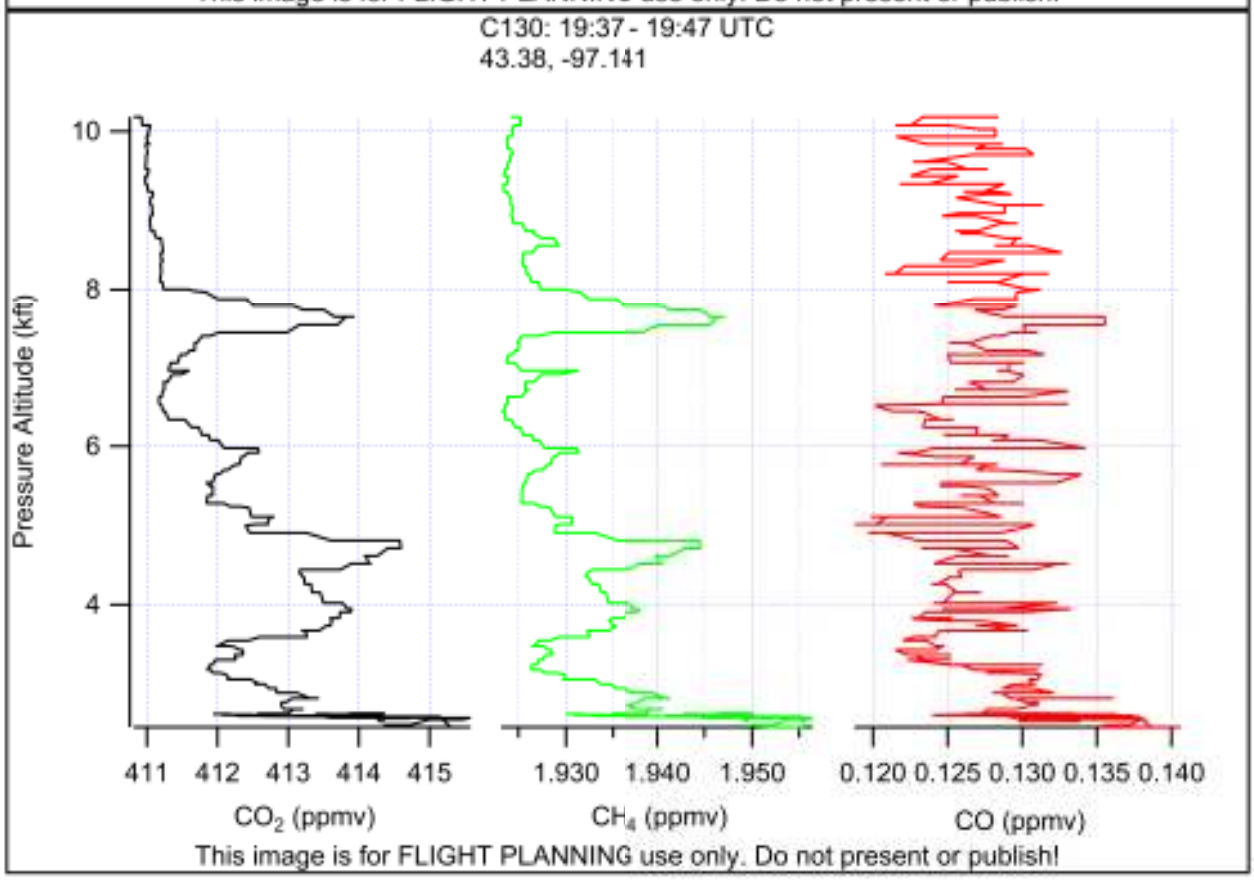

0.100
0.105
0.110
0.115
0.120
CO (ppm)
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

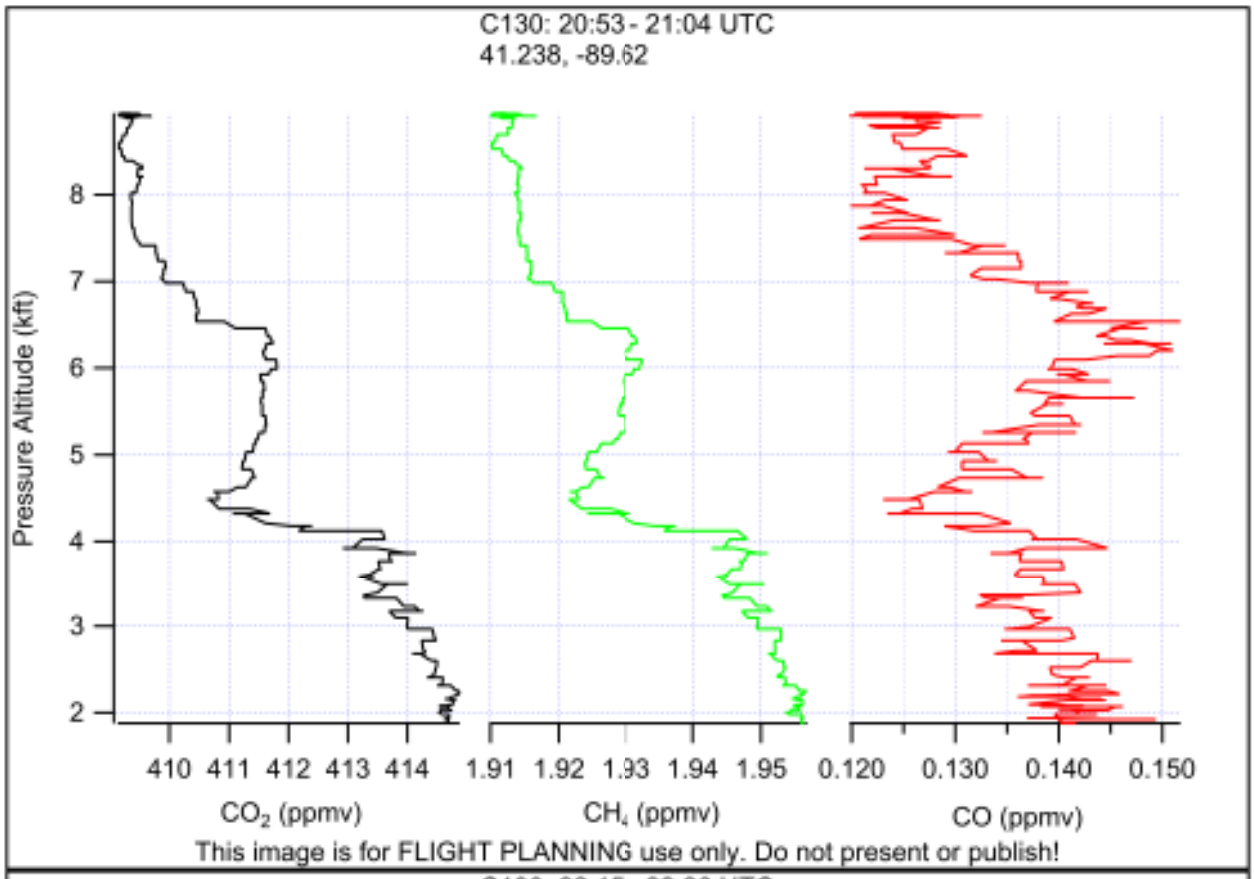

0.5
1.0
1.5
2.0
H2O_gkg (g/kg)
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

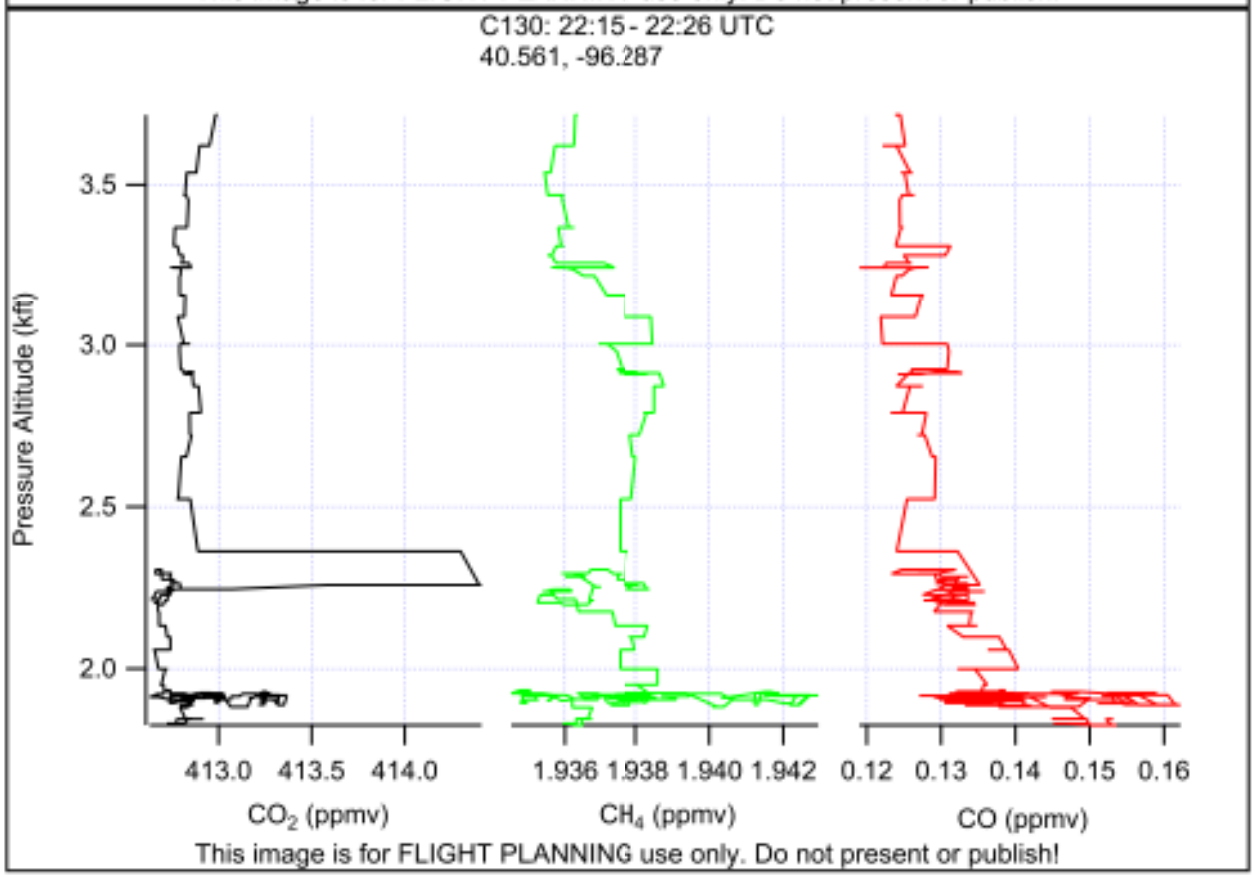

-30
-25
-20
-15
-10
DP (°C)
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-96
-94
-92
-90
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

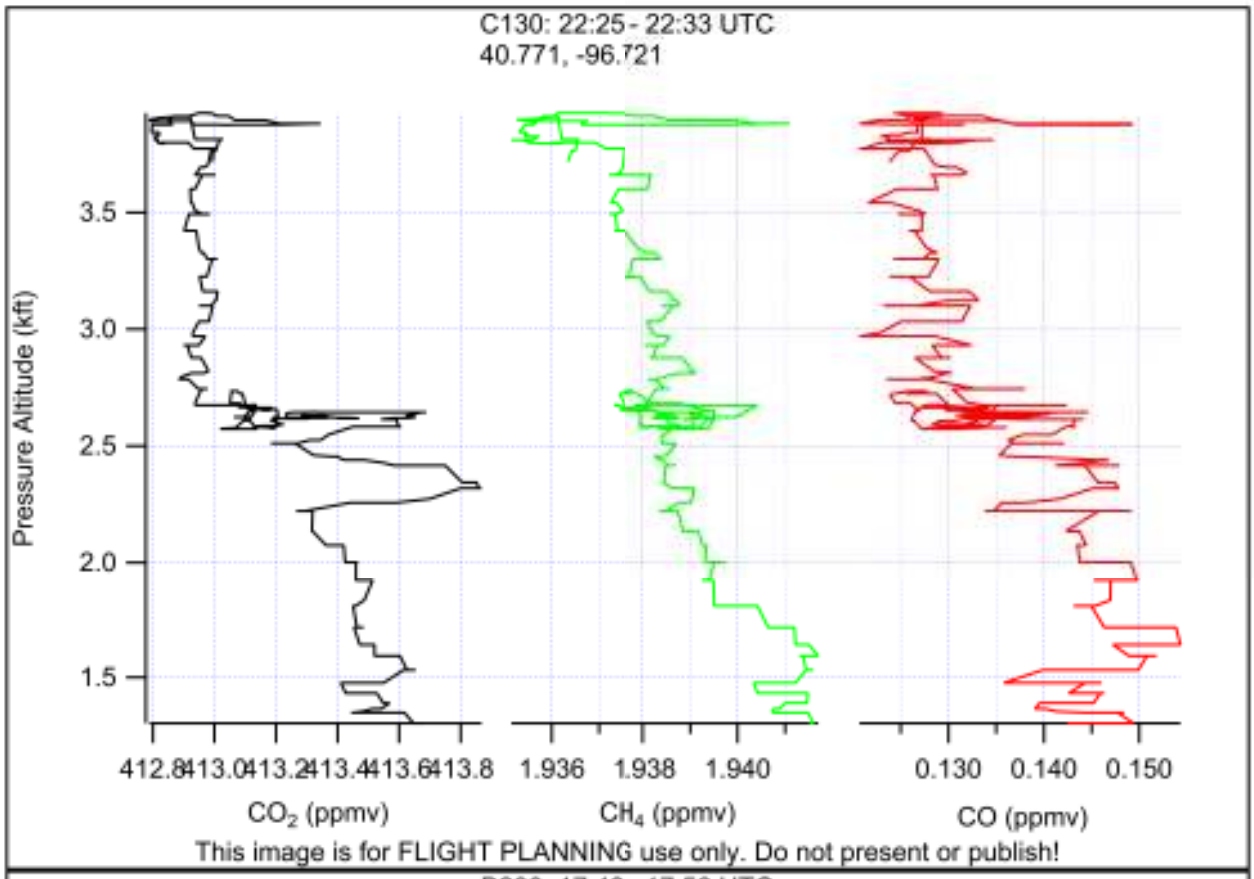

10
8
6
4
2
0
Pressure Altitude (kft)
412
416
420
Latitude (°)
1.92
1.94
1.96
1.98
CH4 (ppmv)
0.12
0.16
0.20
0.24
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

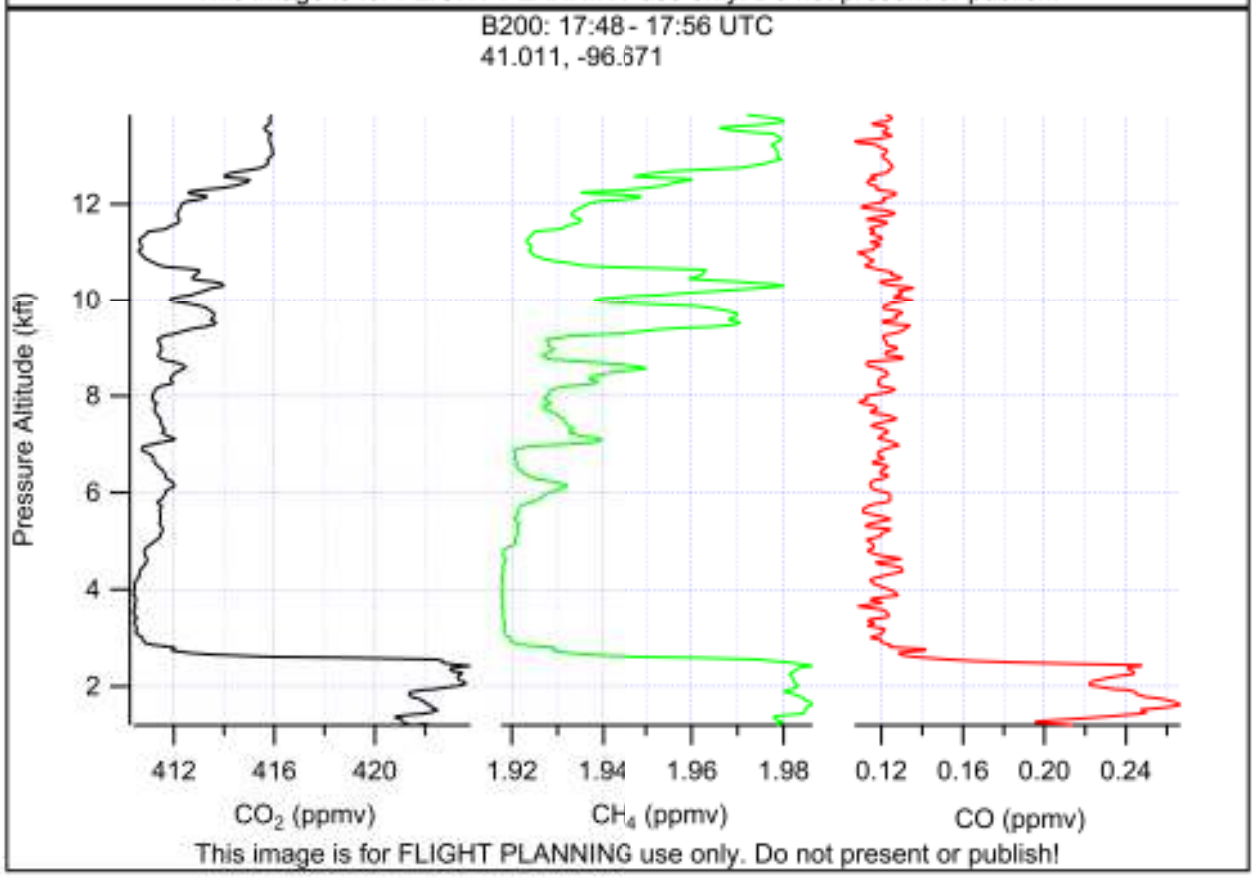

C130: 18:10 - 18:22 UTC
43.799, -90.267
Pressure Altitude (kft)
10
8
6
4
409 410 411 412 413
CO2 (ppmv)
1.91 1.92 1.93 1.94
CH4 (ppmv)
0.120 0.130 0.140
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

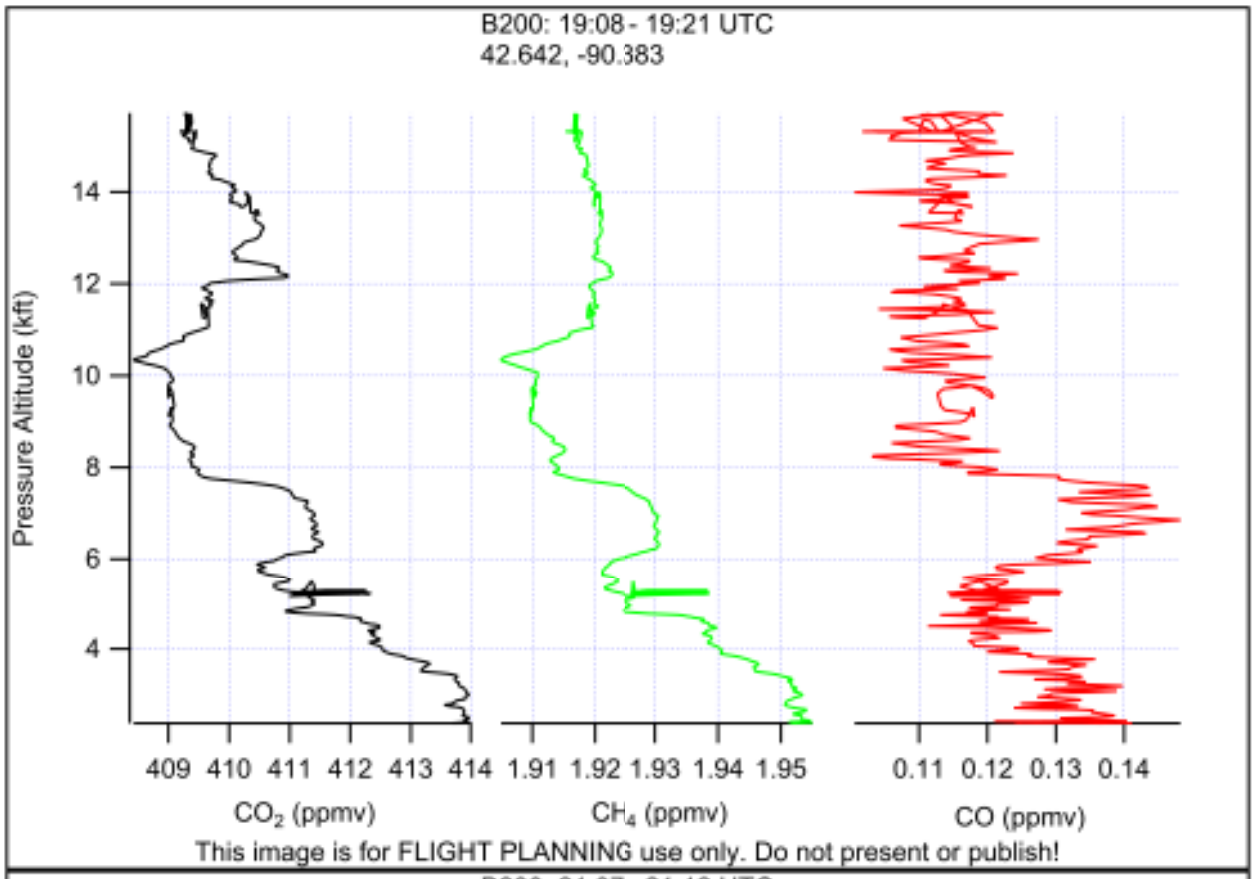

C130: 19:37 - 19:47 UTC
43.38, -97.141
Pressure Altitude (kft)
10
8
6
4
411 412 413 414 415
CO2 (ppmv)
1.930 1.940 1.950
CH4 (ppmv)
0.120 0.125 0.130 0.135 0.140
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

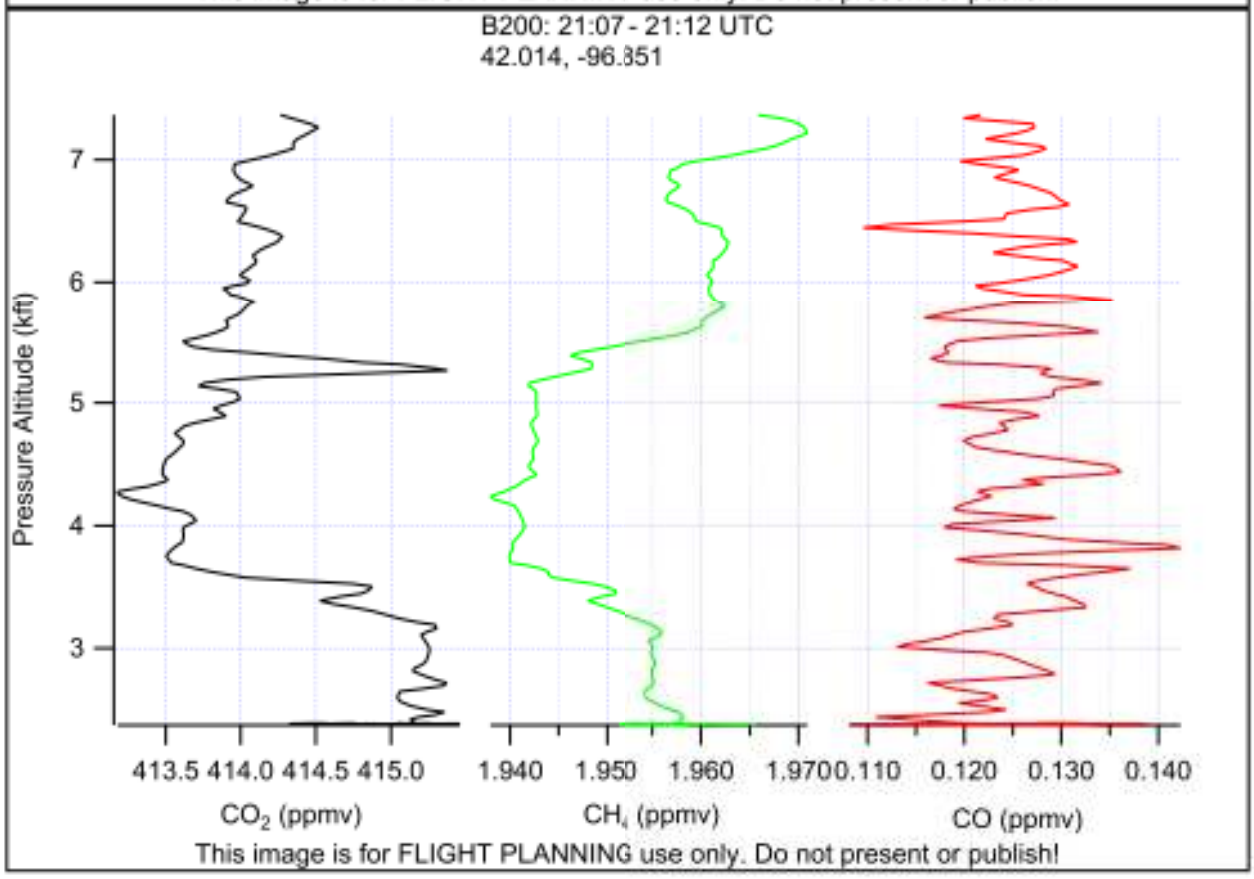

C130: 20:53 - 21:04 UTC
41.238, -89.62
Pressure Altitude (kft)
8
7
6
5
4
3
2
410 411 412 413 414
CO2 (ppmv)
1.91 1.92 1.93 1.94 1.95
CH4 (ppmv)
0.120 0.130 0.140 0.150
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

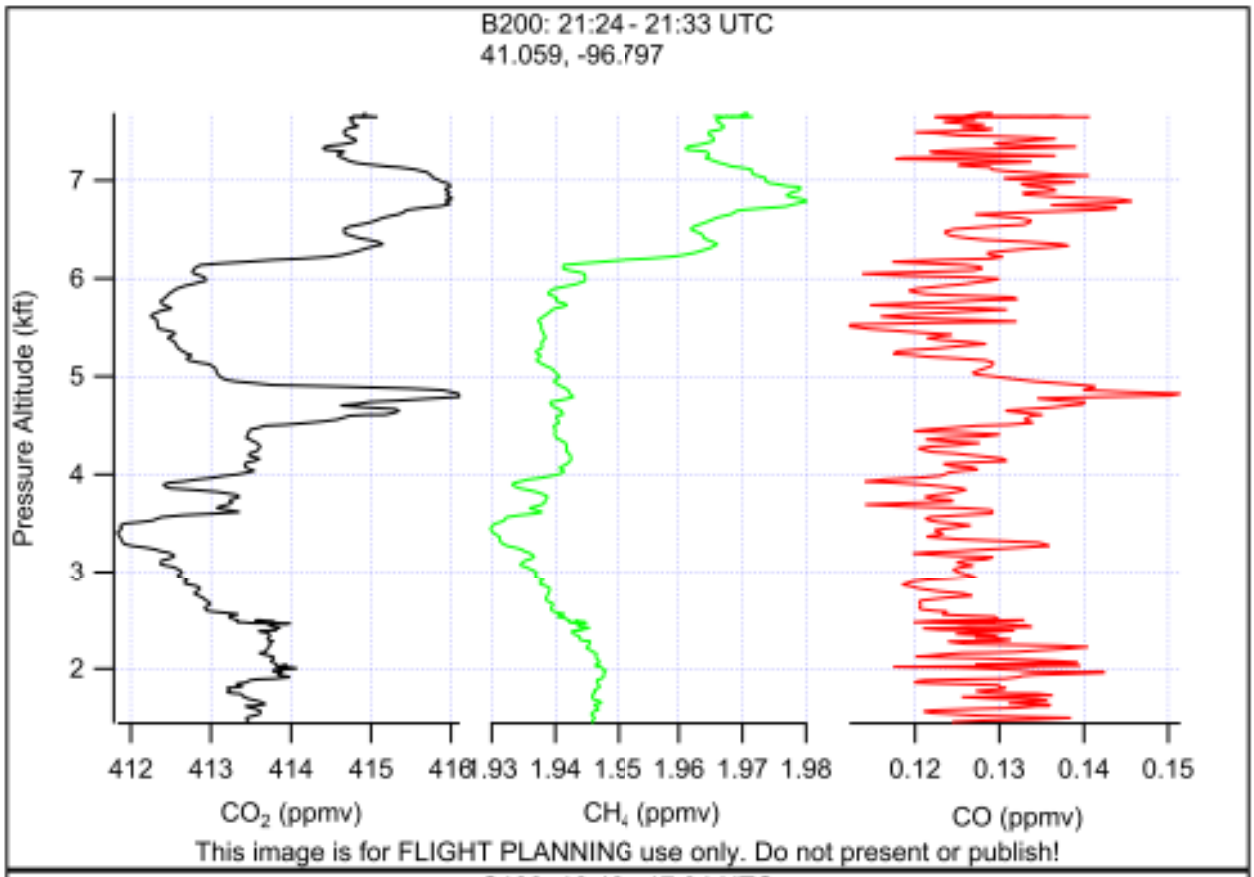

C130: 22:15 - 22:26 UTC
40.561, -96.287
Pressure Altitude (kft)
3.5
3.0
2.5
2.0
413.0 413.5 414.0
CO2 (ppmv)
1.936 1.938 1.940 1.942
CH4 (ppmv)
0.12 0.13 0.14 0.15 0.16
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

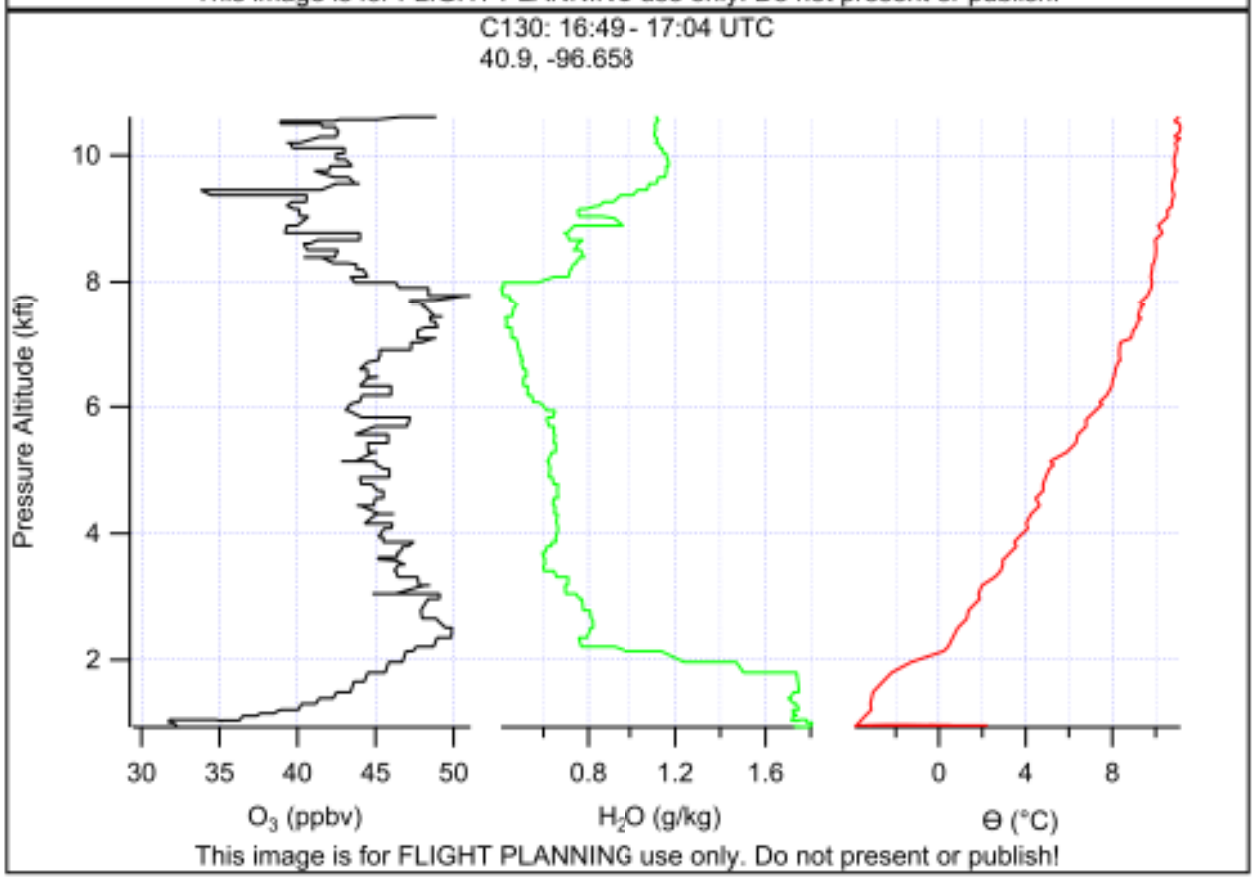

C130: 22:25 - 22:33 UTC
40.771, -96.721
Pressure Altitude (kft)
3.5
3.0
2.5
2.0
1.5
412.8 413.0 413.2 413.4 413.6 413.8
CO2 (ppmv)
1.936 1.938 1.940
CH4 (ppmv)
0.130 0.140 0.150
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

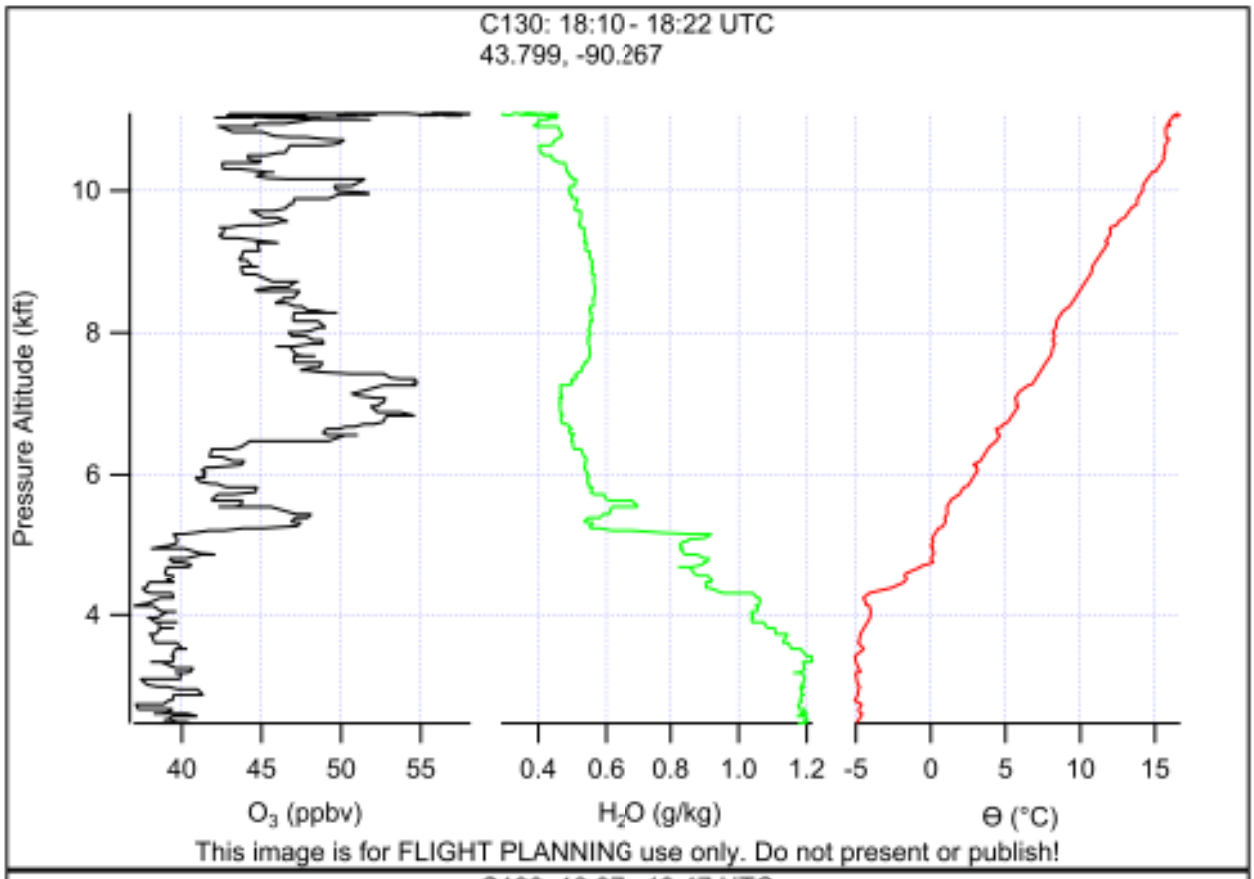

B200: 17:48 - 17:56 UTC
41.011, -96.671
Pressure Altitude (kft)
12
10
8
6
4
2
412 416 420
CO2 (ppmv)
1.92 1.94 1.96 1.98
CH4 (ppmv)
0.12 0.16 0.20 0.24
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

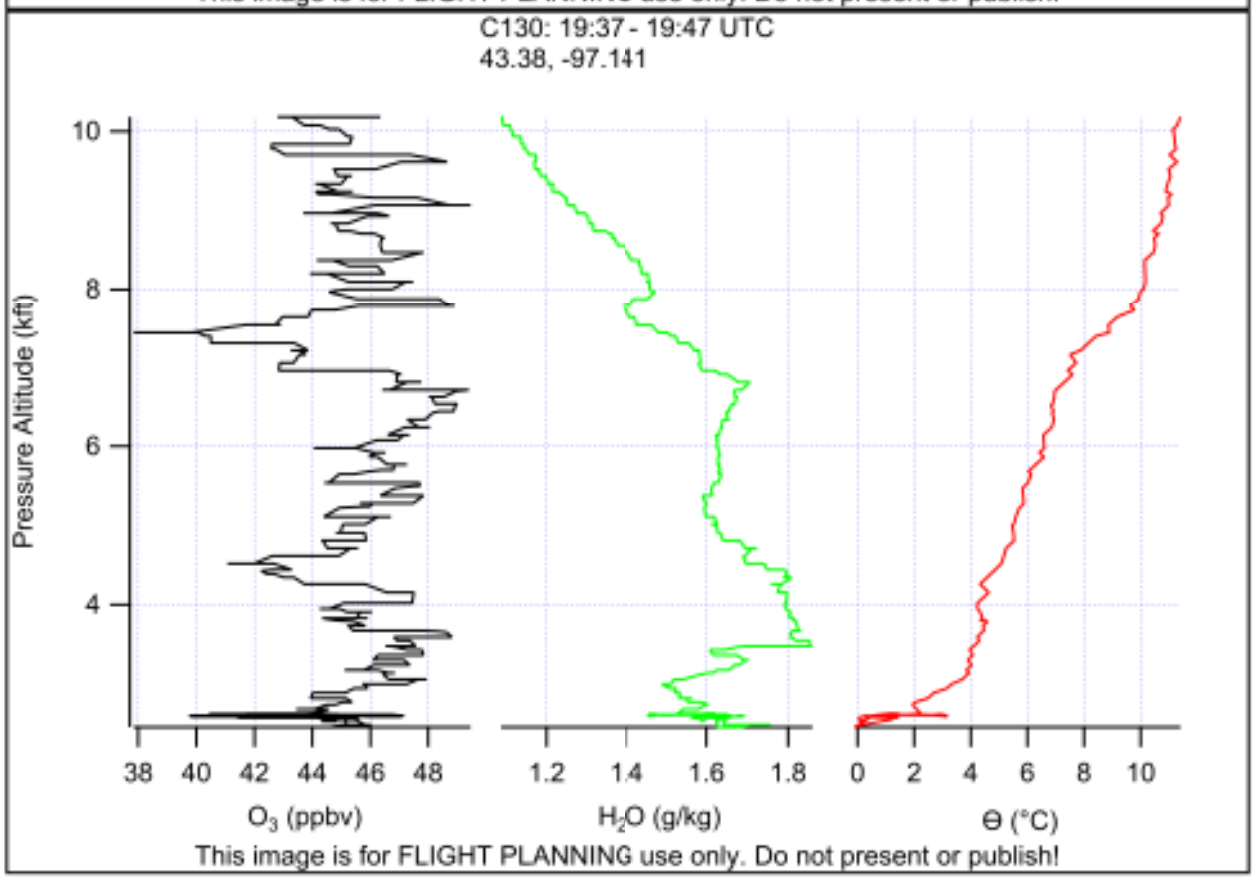

B200: 19:08 - 19:21 UTC
42.642, -90.383
Pressure Altitude (kft)
14
12
10
8
6
4
409 410 411 412 413 414
CO2 (ppmv)
1.91 1.92 1.93 1.94 1.95
CH4 (ppmv)
0.11 0.12 0.13 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

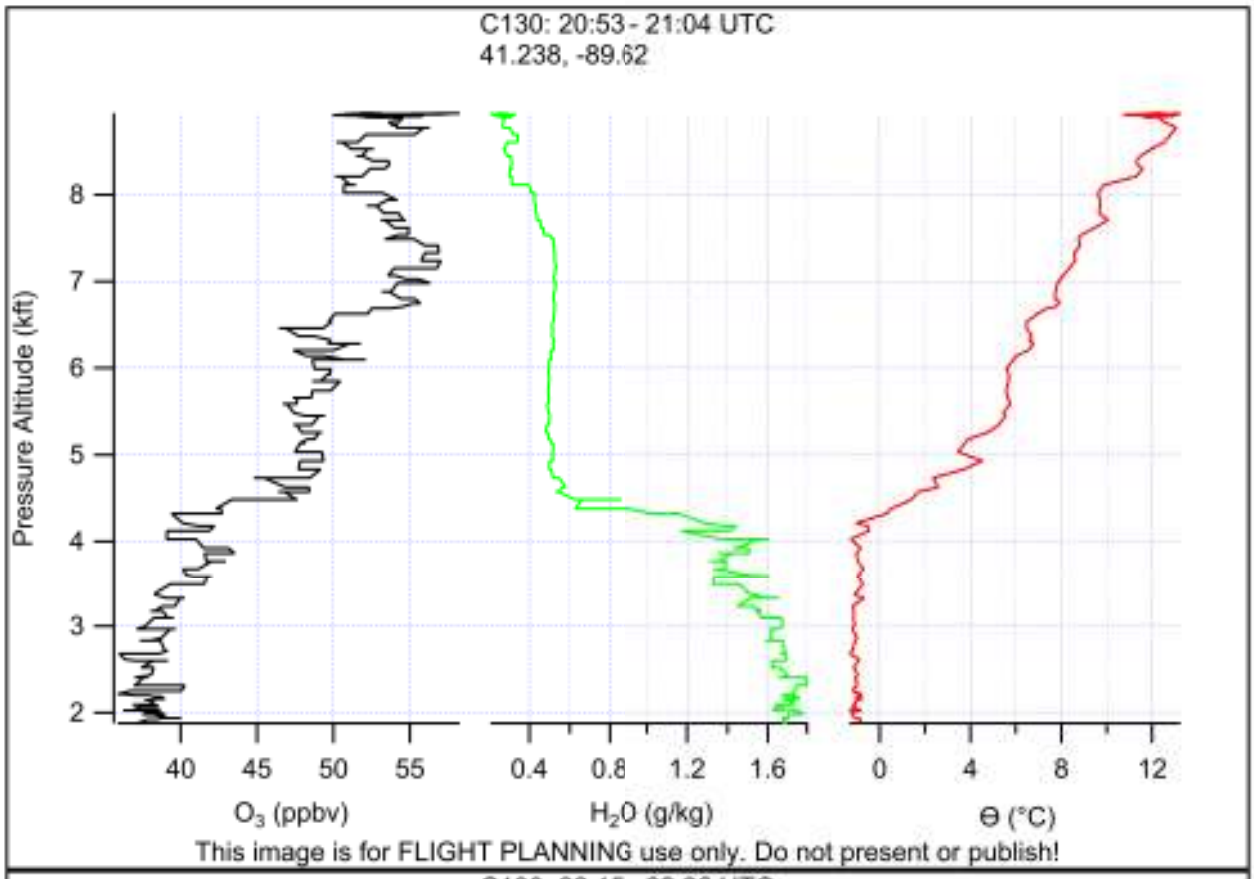

B200: 21:07 - 21:12 UTC
42.014, -96.351
Pressure Altitude (kft)
7
6
5
4
3
413.5 414.0 414.5 415.0
CO2 (ppmv)
1.940 1.950 1.960 1.970
CH4 (ppmv)
0.110 0.120 0.130 0.140
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

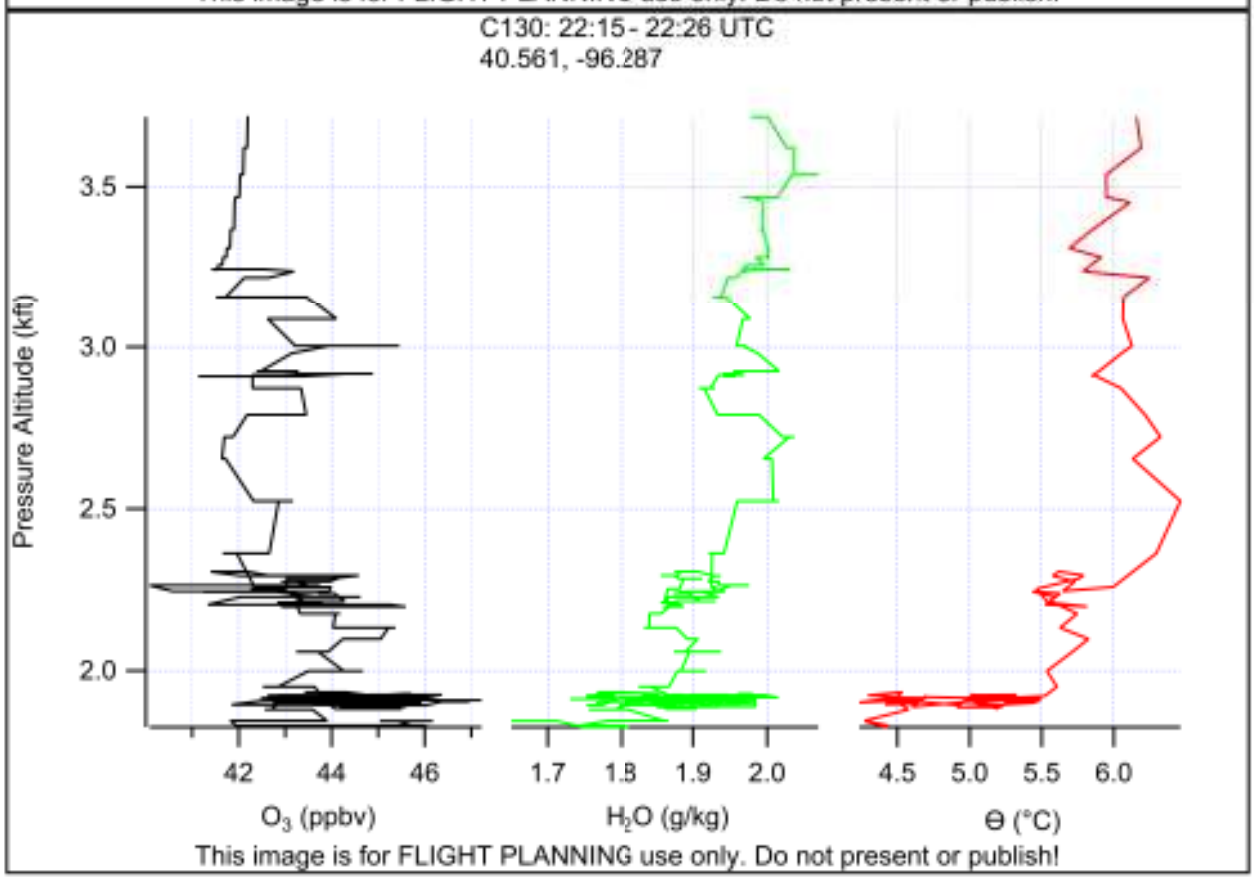

B200: 21:24 - 21:33 UTC
41.059, -96.797
Pressure Altitude (kft)
7
6
5
4
3
2
412
413
414
415
416
1.93
1.94
1.95
1.96
1.97
1.98
0.12
0.13
0.14
0.15
CO2 (ppmv)
CH4 (ppmv)
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

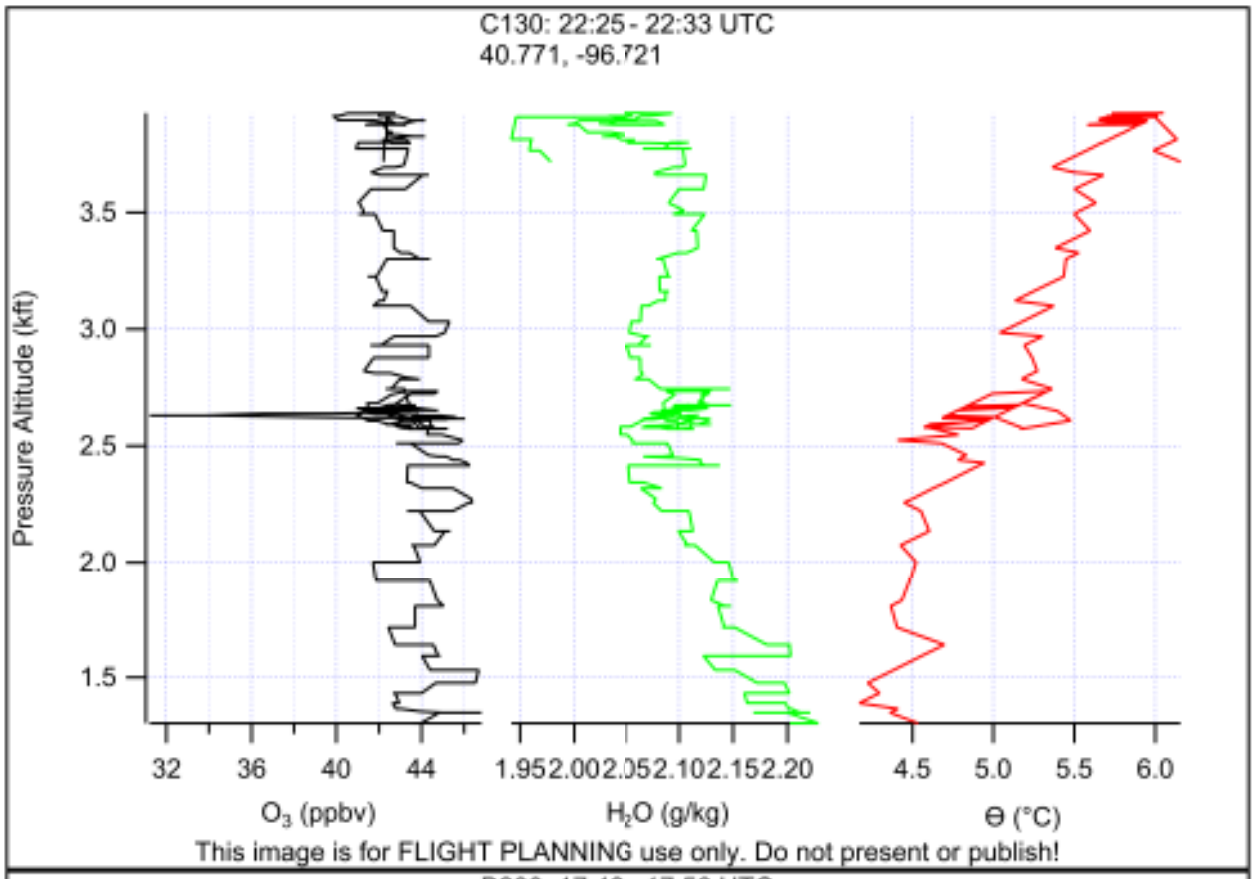

C130: 16:49 - 17:04 UTC
40.9, -96.658
Pressure Altitude (kft)
10
8
6
4
2
30
35
40
45
50
0.8
1.2
1.6
0
4
8
O3 (ppbv)
H2O (g/kg)
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

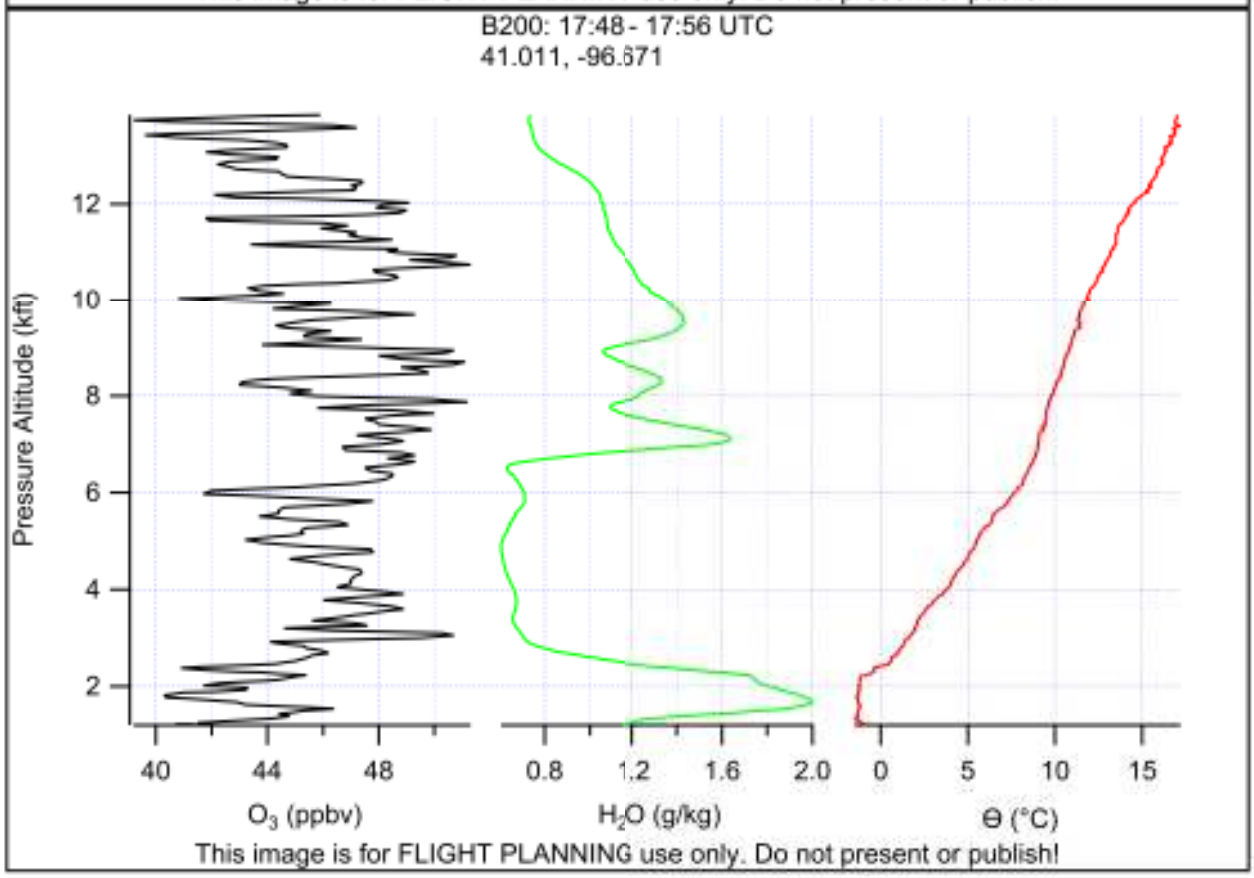

C130: 18:10 - 18:22 UTC
43.799, -90.267
Pressure Altitude (kft)
10
8
6
4
40 45 50 55
O3 (ppbv)
0.4 0.6 0.8 1.0 1.2
H2O (g/kg)
-5 0 5 10 15
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

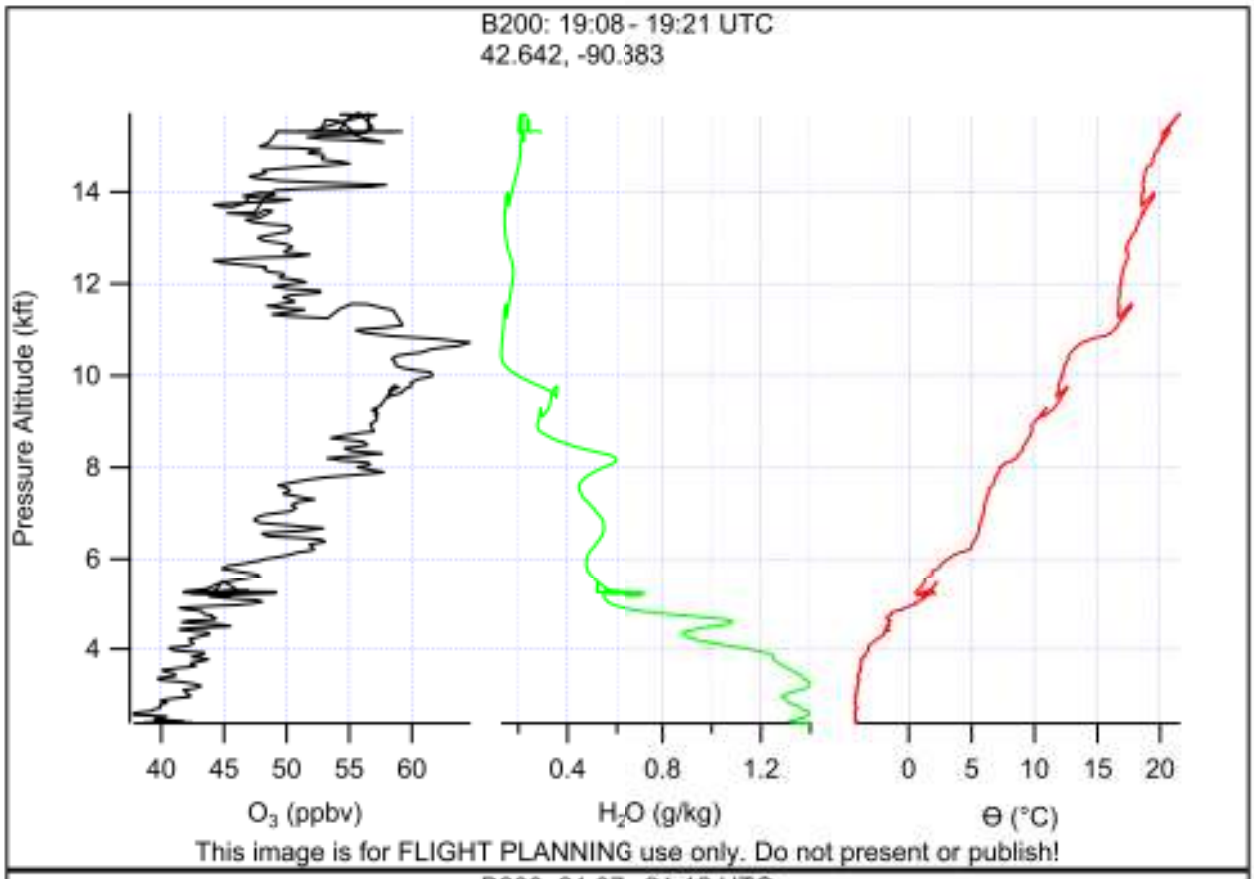

C130: 19:37 - 19:47 UTC
43.38, -97.141
Pressure Altitude (kft)
10
8
6
4
38 40 42 44 46 48
O3 (ppbv)
1.2 1.4 1.6 1.8
H2O (g/kg)
0 2 4 6 8 10
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:53 - 21:04 UTC
41.238, -89.62
Pressure Altitude (kft)
8
7
6
5
4
3
2
40
45
50
55
O3 (ppbv)
0.4
0.8
1.2
1.6
H2O (g/kg)
0
4
8
12
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 22:15 - 22:26 UTC
40.561, -96.287
Pressure Altitude (kft)
3.5
3.0
2.5
2.0
42
44
46
O3 (ppbv)
1.7
1.8
1.9
2.0
H2O (g/kg)
4.5
5.0
5.5
6.0
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 22:25 - 22:33 UTC
40.771, -96.721
Pressure Altitude (kft)
3.5
3.0
2.5
2.0
1.5
32
36
40
44
O_3 (ppbv)
1.95 2.00 2.05 2.10 2.15 2.20
H_2O (g/kg)
4.5
5.0
5.5
6.0
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:48 - 17:56 UTC
41.011, -96.871
Pressure Altitude (kft)
12
10
8
6
4
2
40
44
48
O_3 (ppbv)
0.8
1.2
1.6
2.0
H_2O (g/kg)
0
5
10
15
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:08 - 19:21 UTC
42.642, -90.383
Pressure Altitude (kft)
14
12
10
8
6
4
40 45 50 55 60
O3 (ppbv)
0.4 0.8 1.2
H2O (g/kg)
0 5 10 15 20
Θ (°C)
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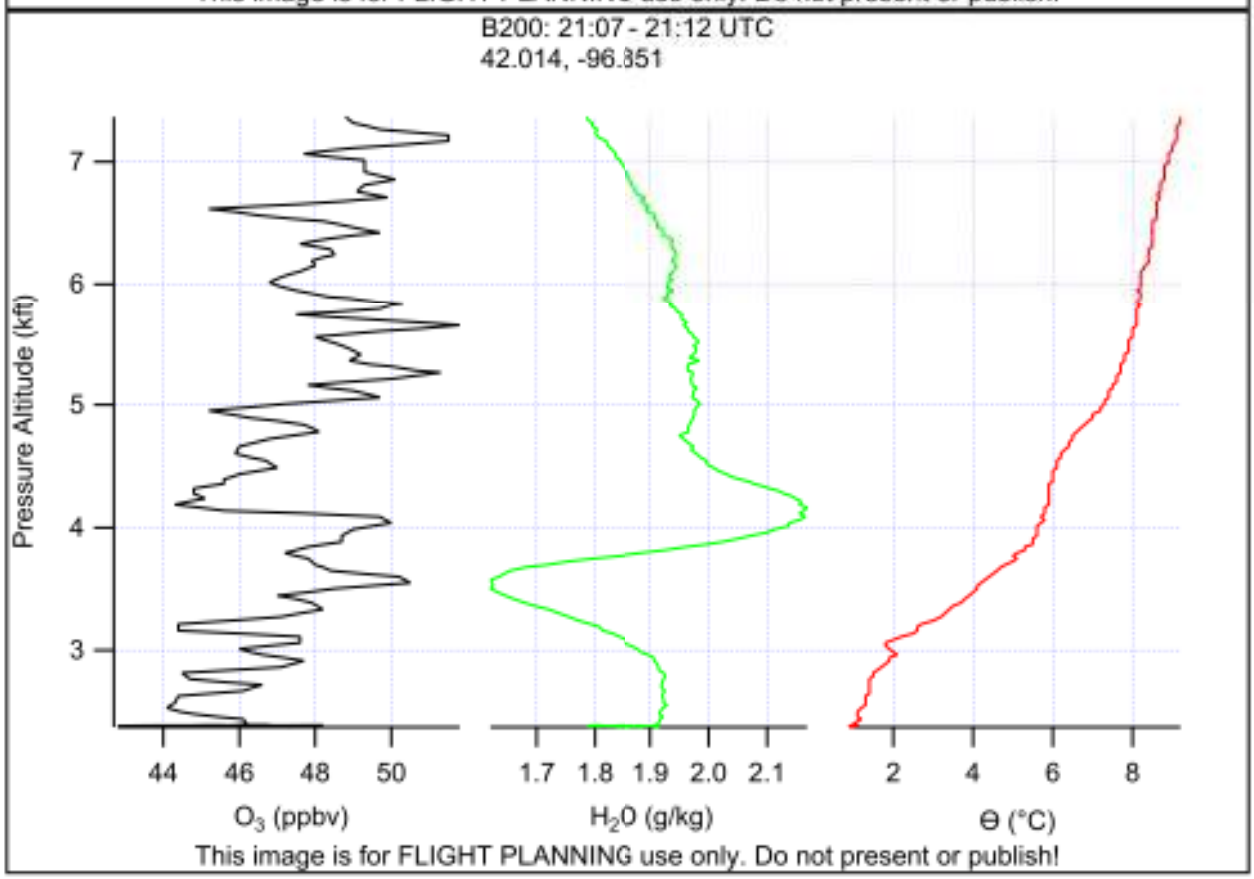
B200: 21:07 - 21:12 UTC
42.014, -96.351
Pressure Altitude (kft)
7
6
5
4
3
44 46 48 50
O3 (ppbv)
1.7 1.8 1.9 2.0 2.1
H2O (g/kg)
2 4 6 8
Θ (°C)
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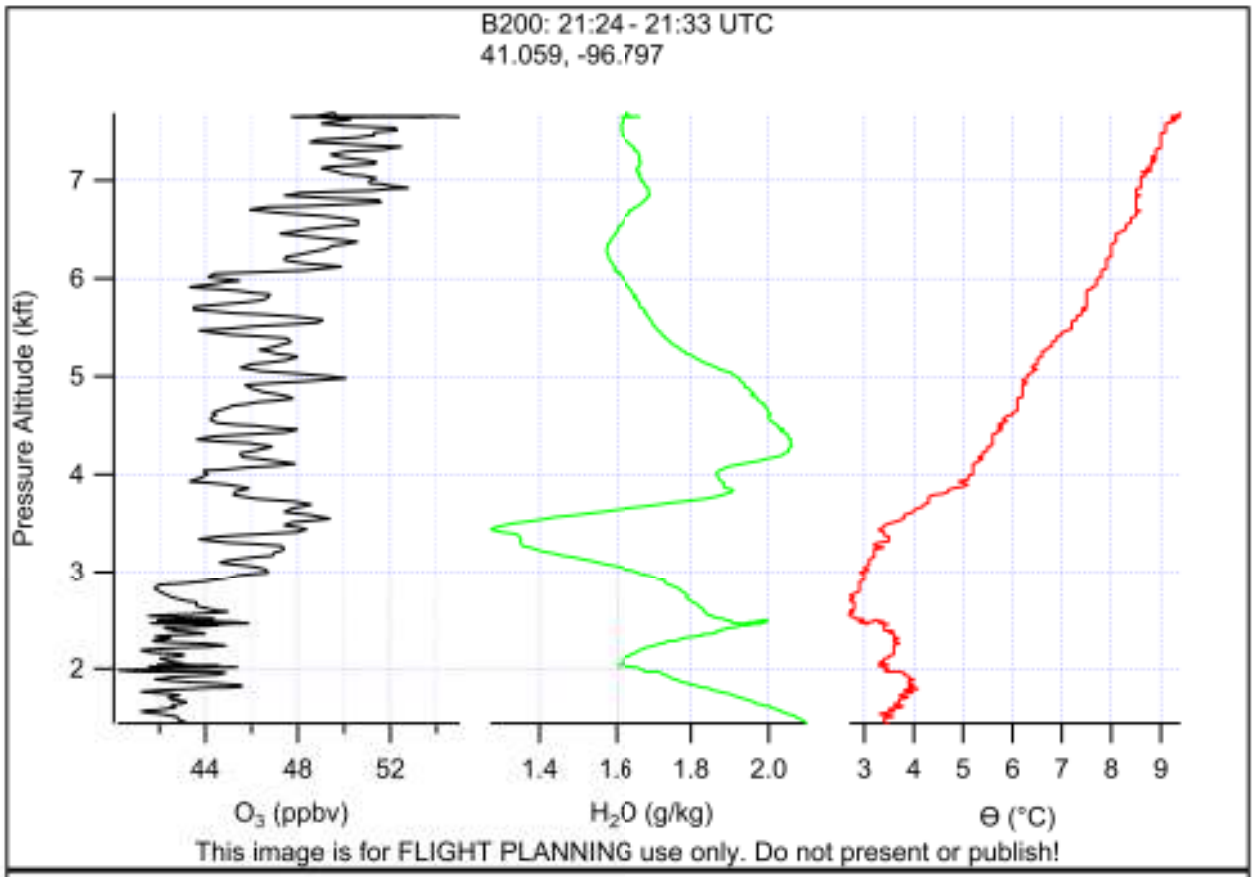
B200: 21:24 - 21:33 UTC
41.059, -96.797
Pressure Altitude (kft)
7
6
5
4
3
2
44
48
52
O_3 (ppbv)
1.4
1.6
1.8
2.0
H_2O (g/kg)
3
4
5
6
7
8
9
Θ (°C)
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