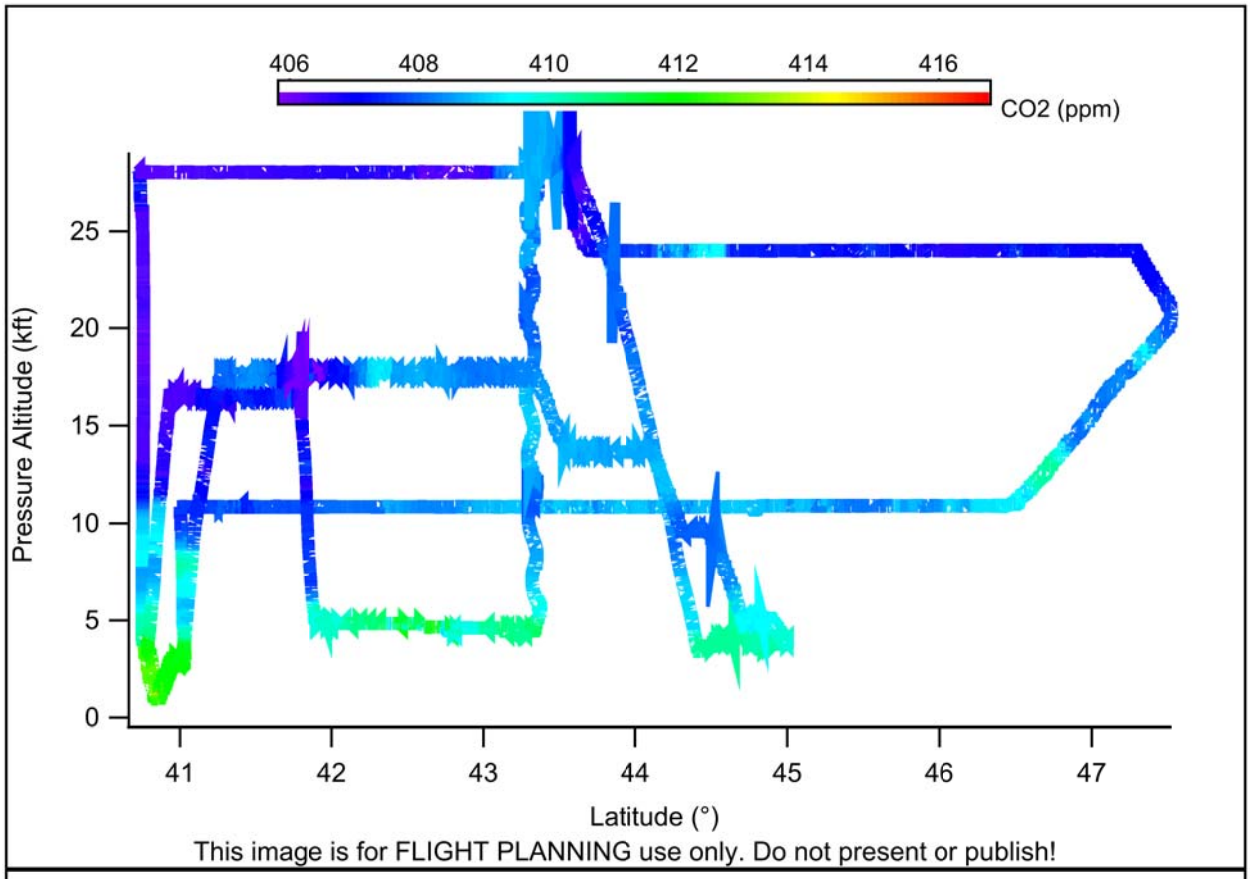
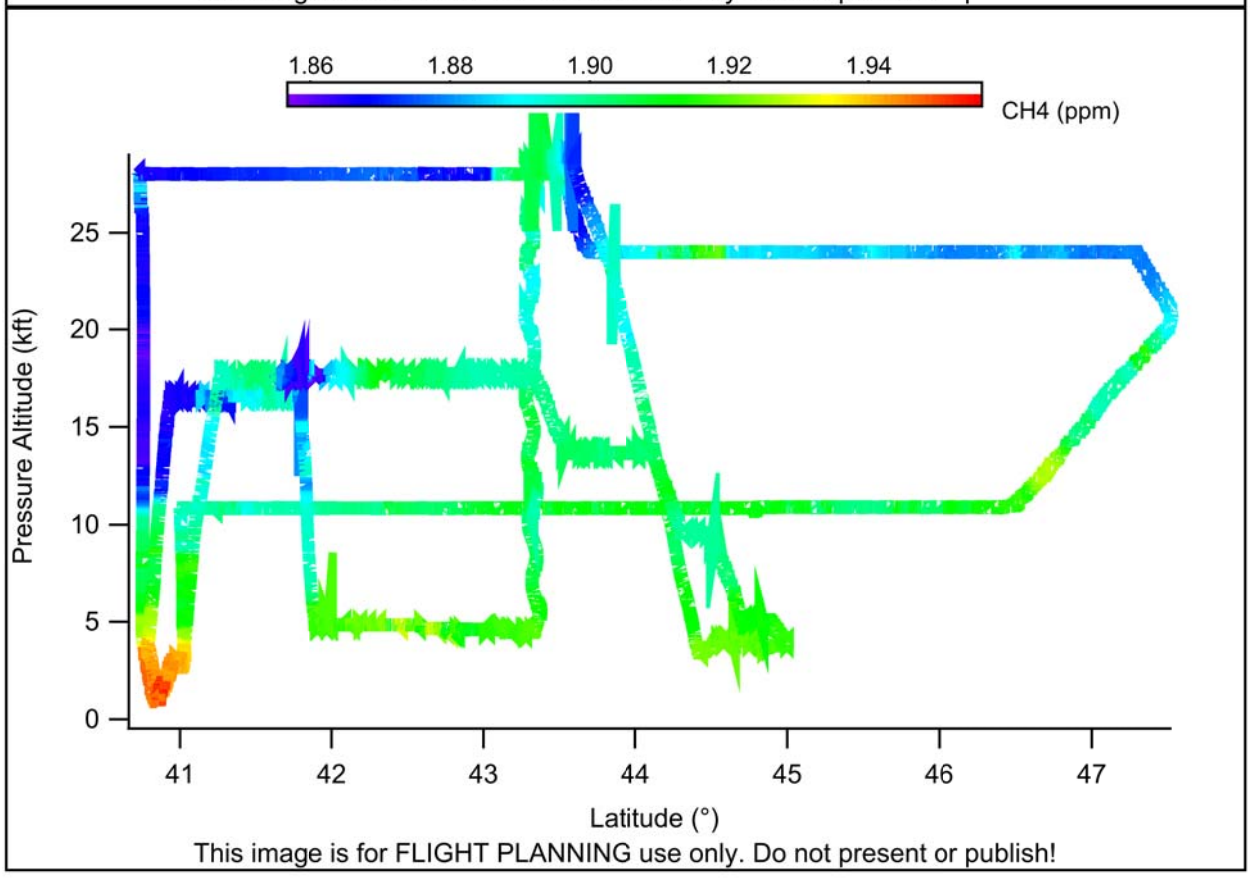
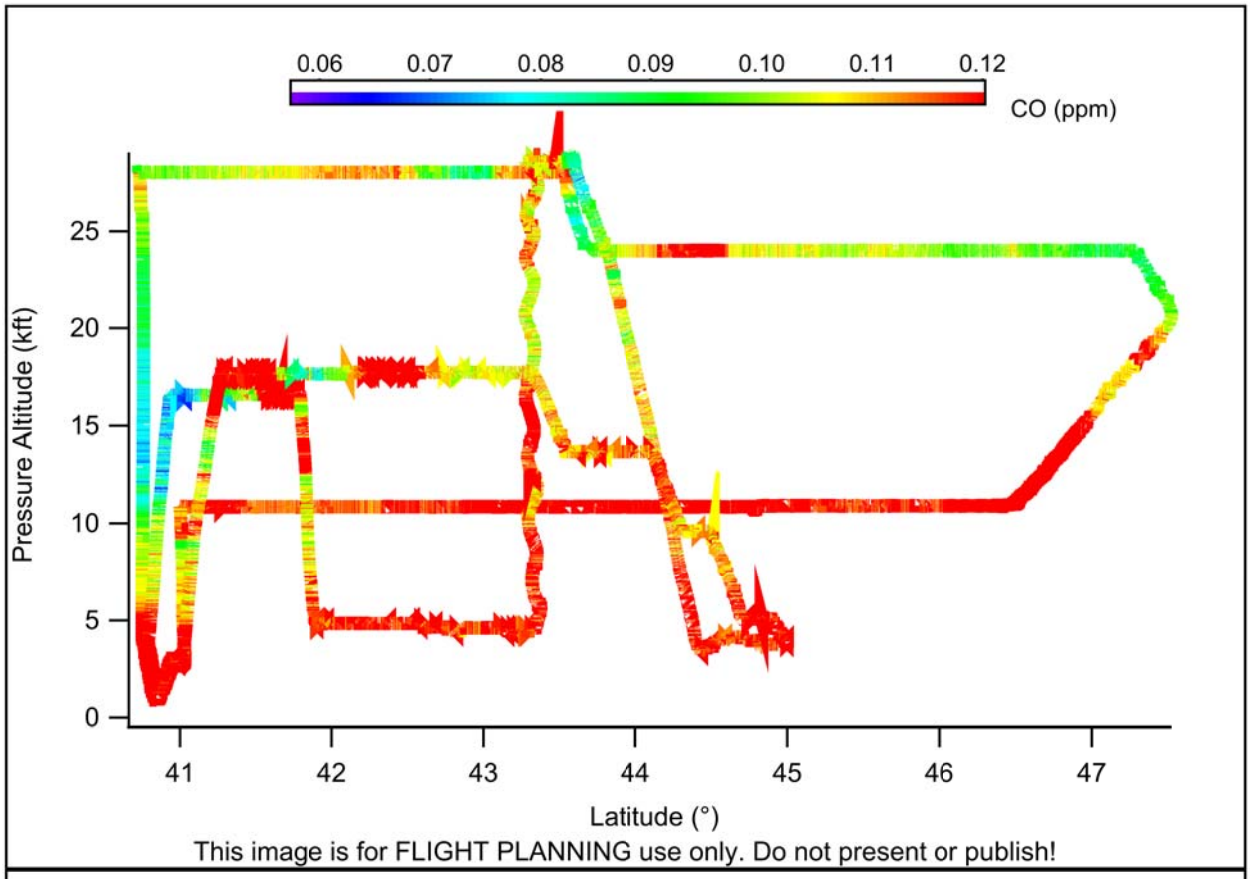
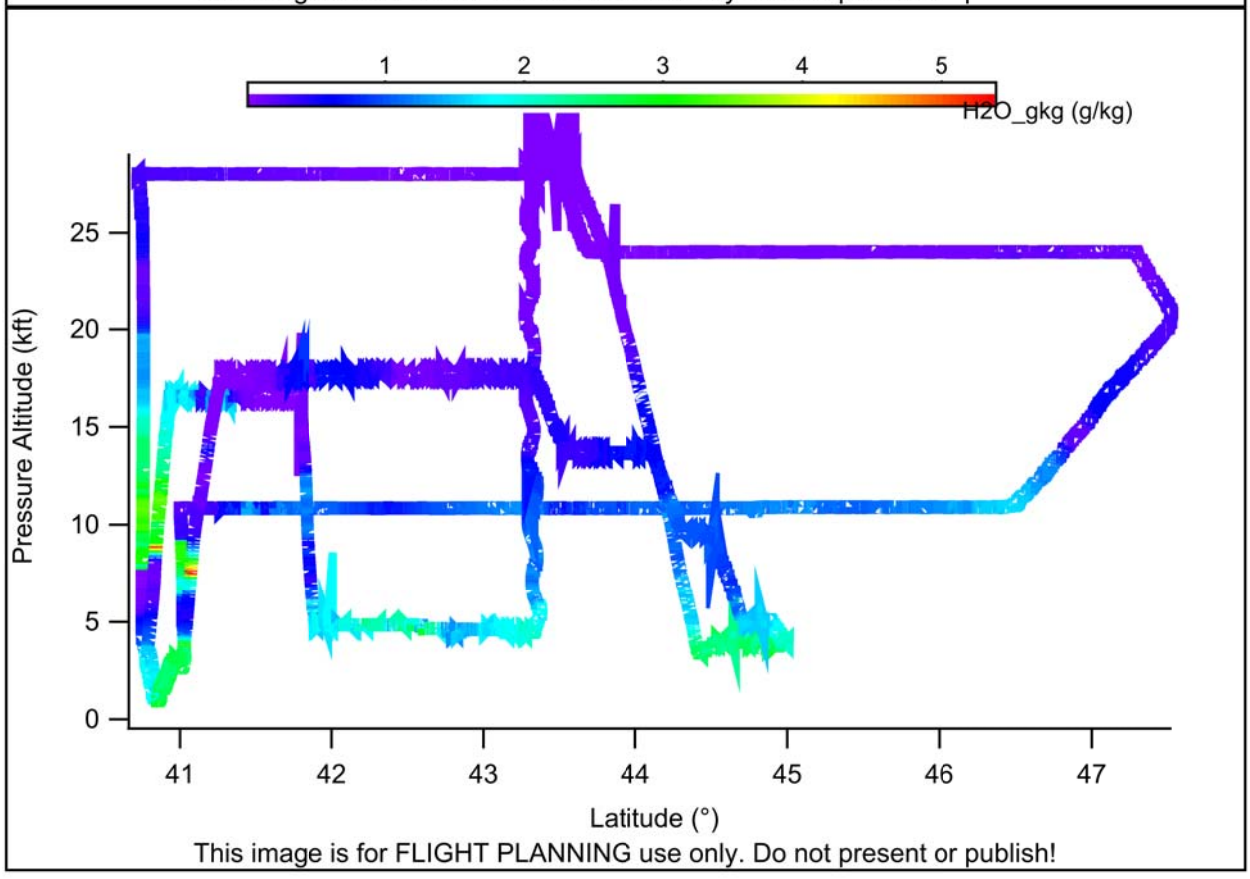
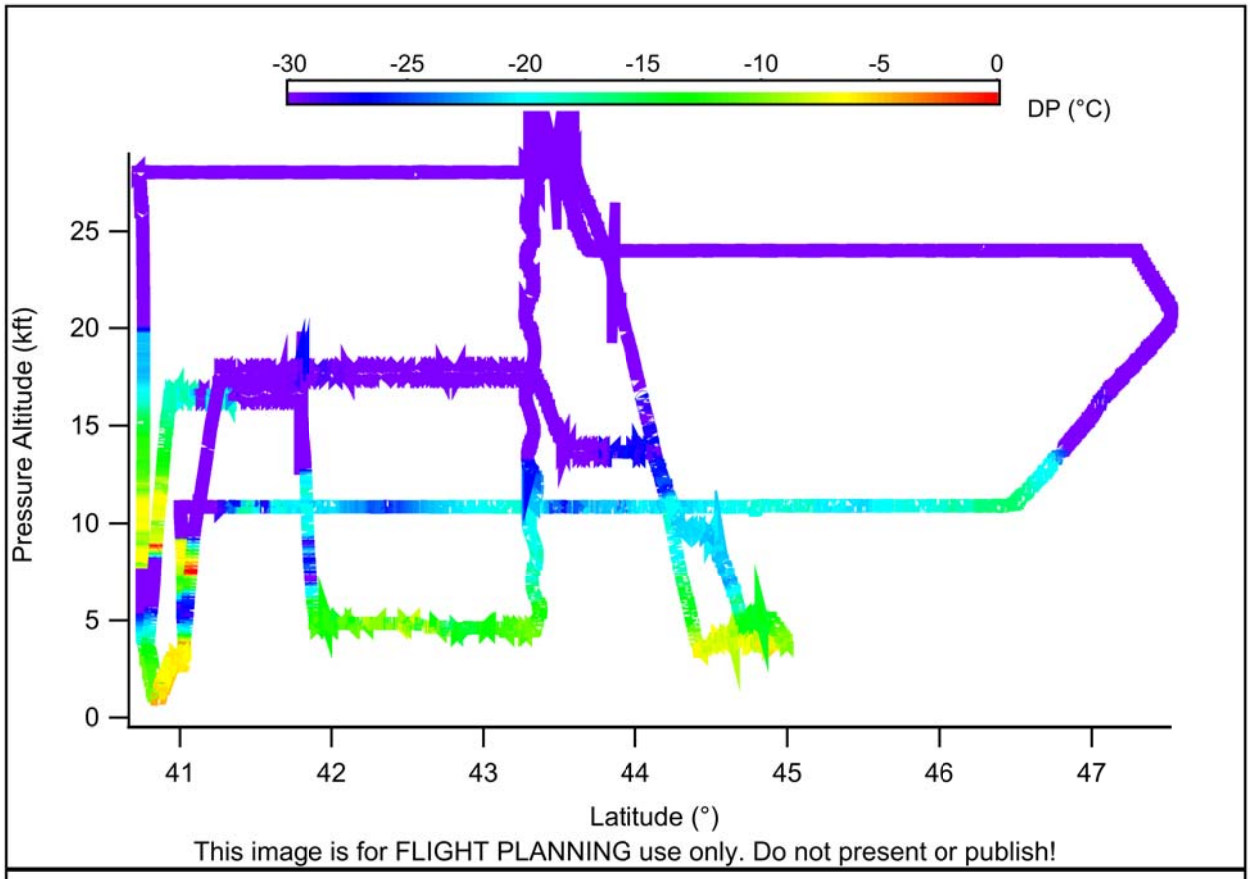
ACT-America
20170213

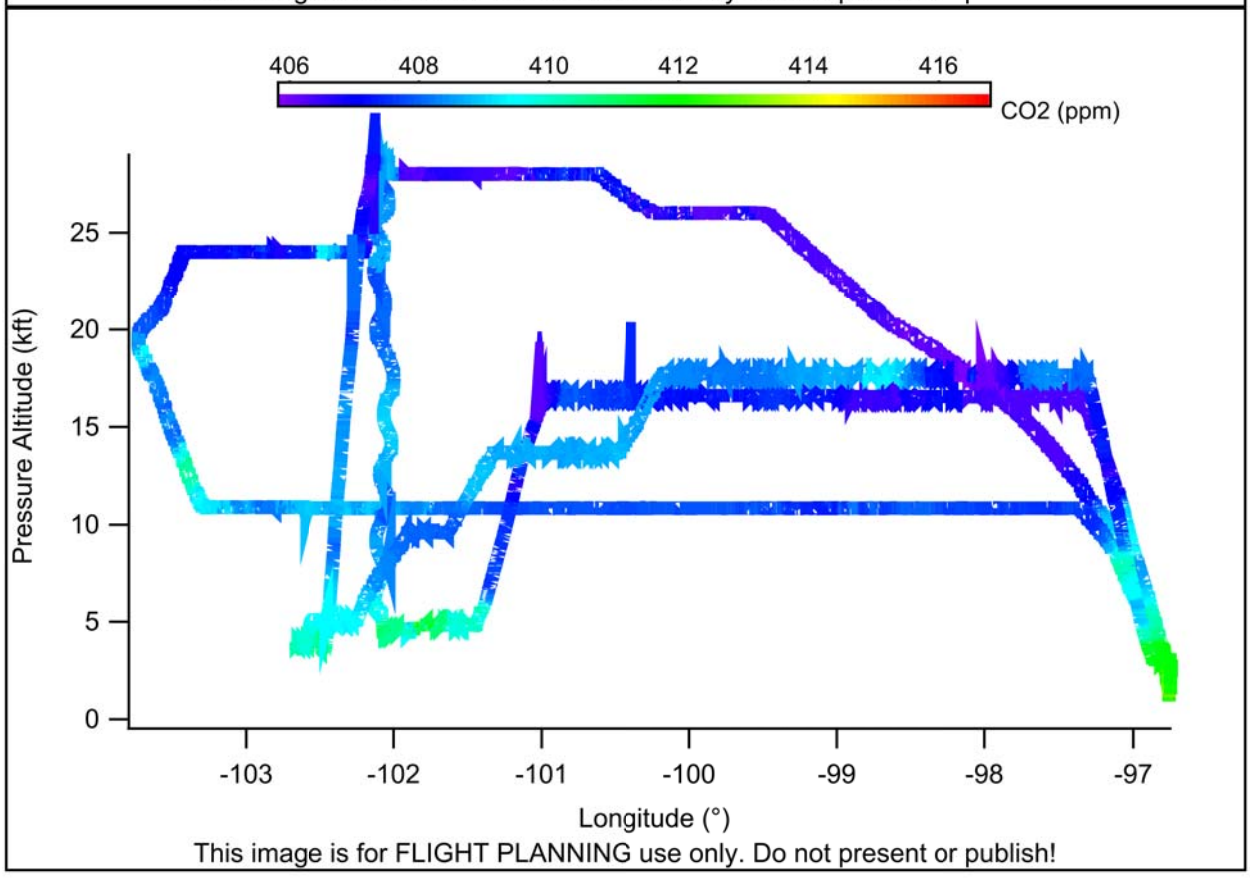

406
408
410
412
414
416
CO2 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
25
41
42
43
44
45
46
47
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

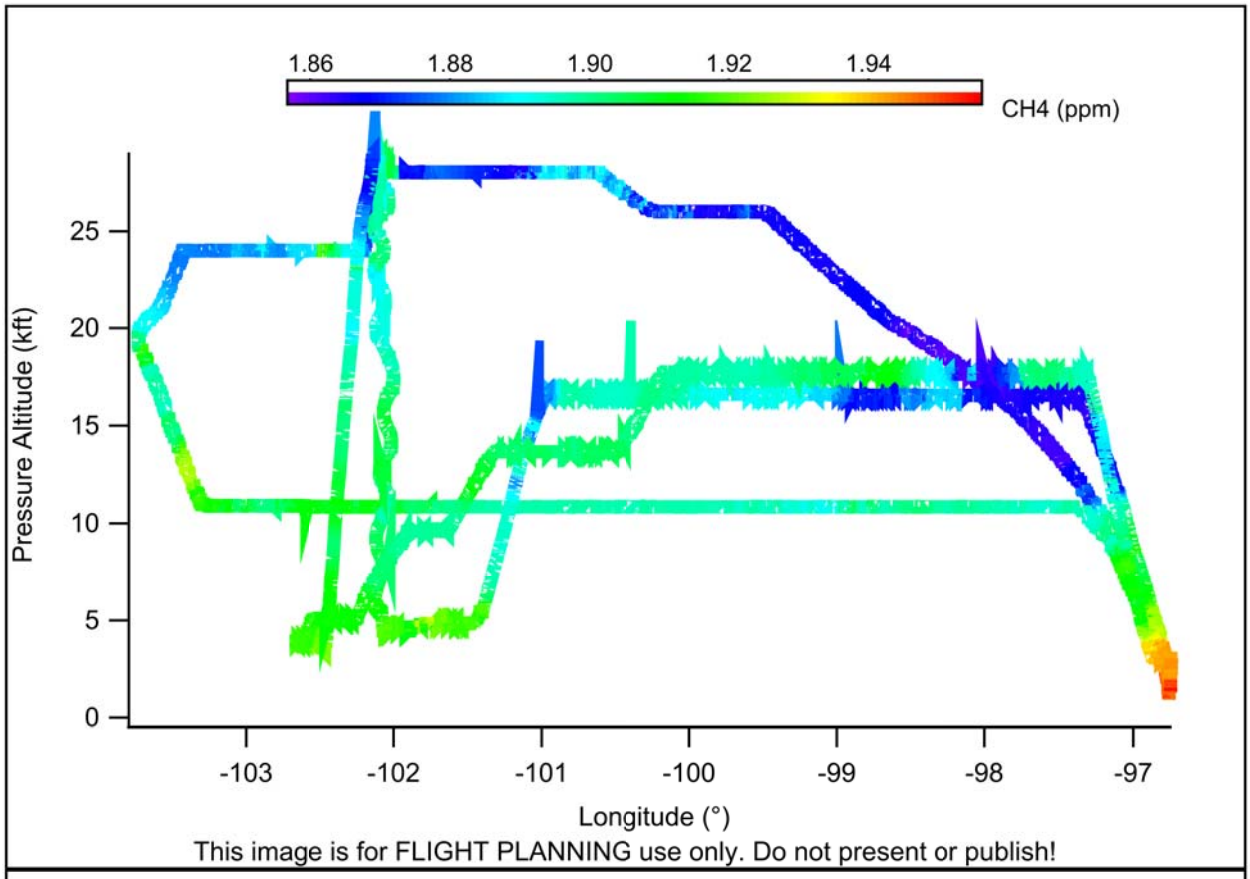

1.86
1.88
1.90
1.92
1.94
CH4 (ppm)
Pressure Altitude (kft)
0
5
10
15
20
25
41
42
43
44
45
46
47
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

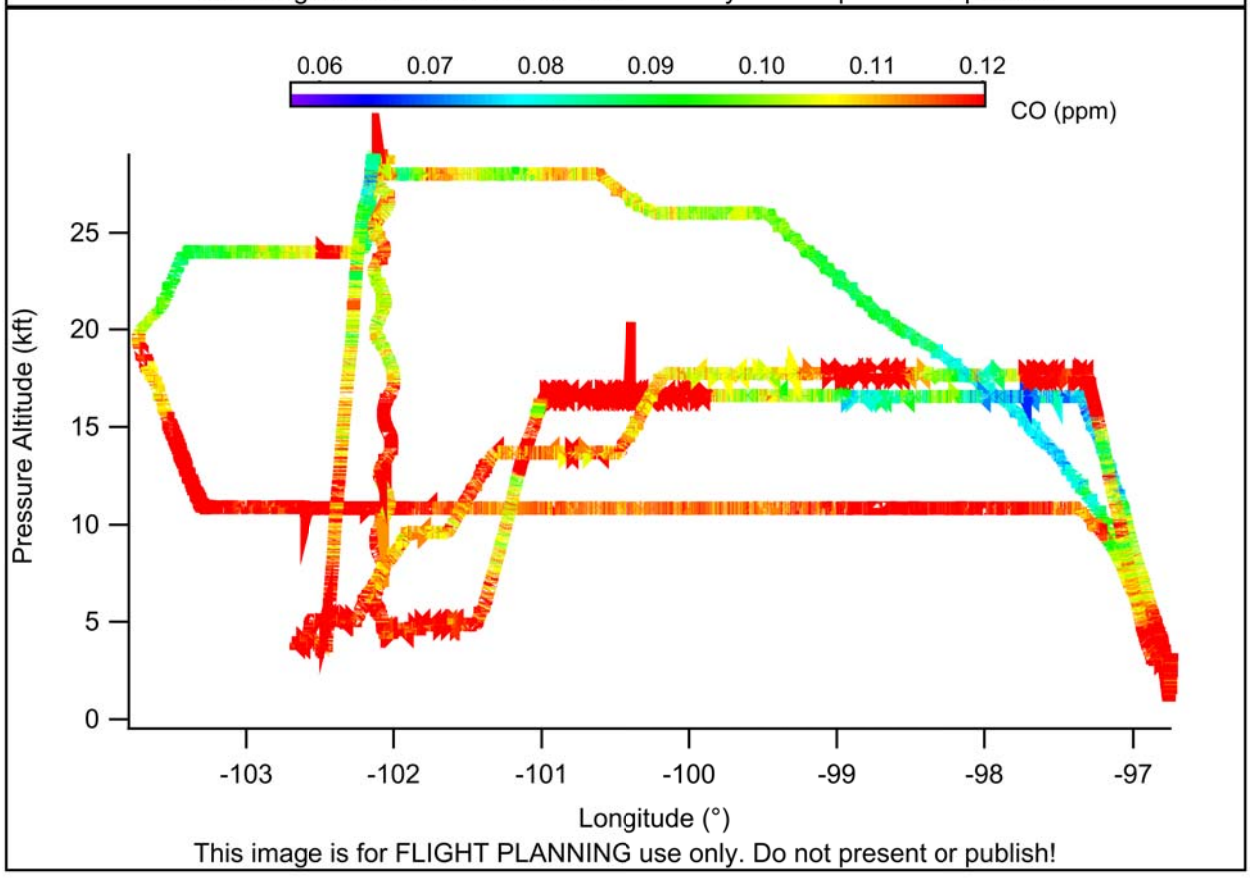

0.06
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
0
5
10
15
20
25
41
42
43
44
45
46
47
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

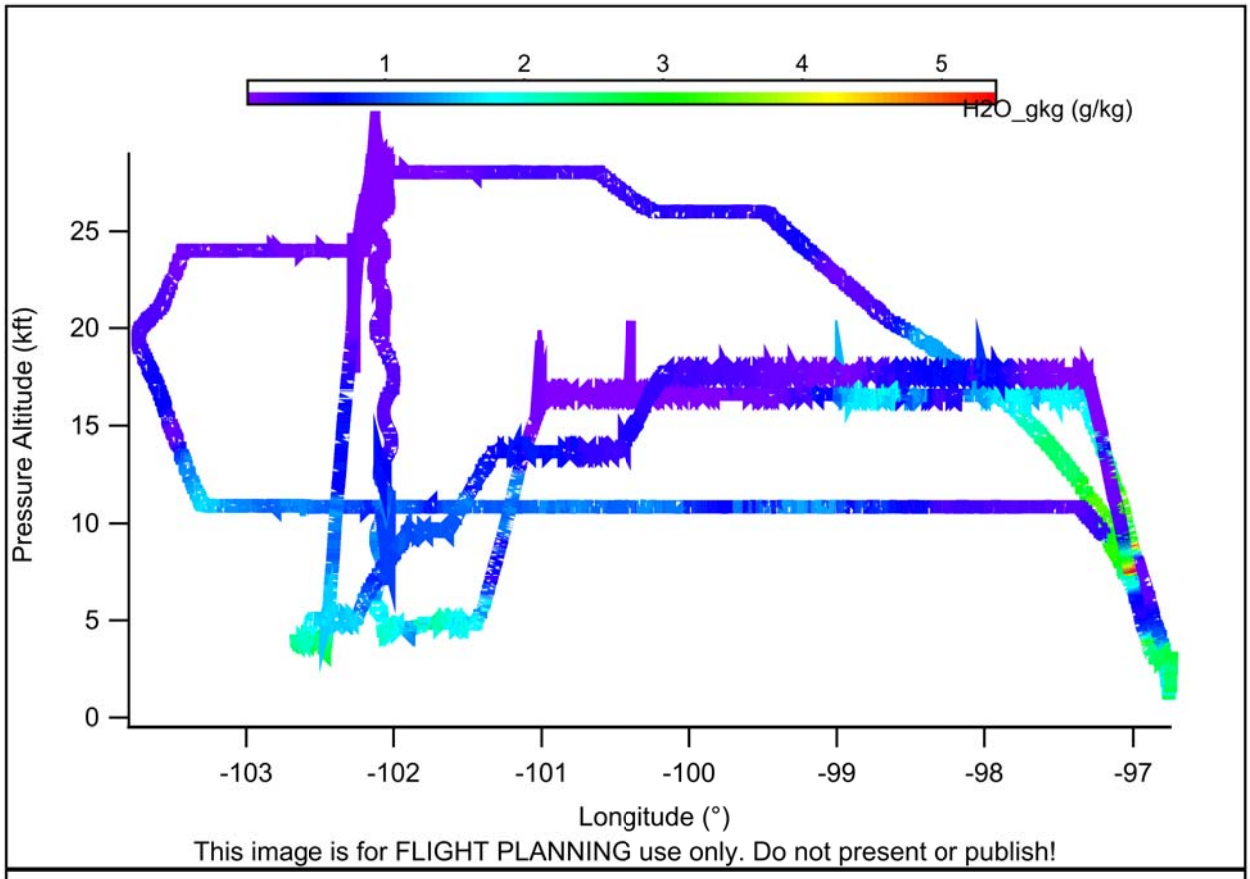

1
2
3
4
5
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
5
10
15
20
25
41
42
43
44
45
46
47
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

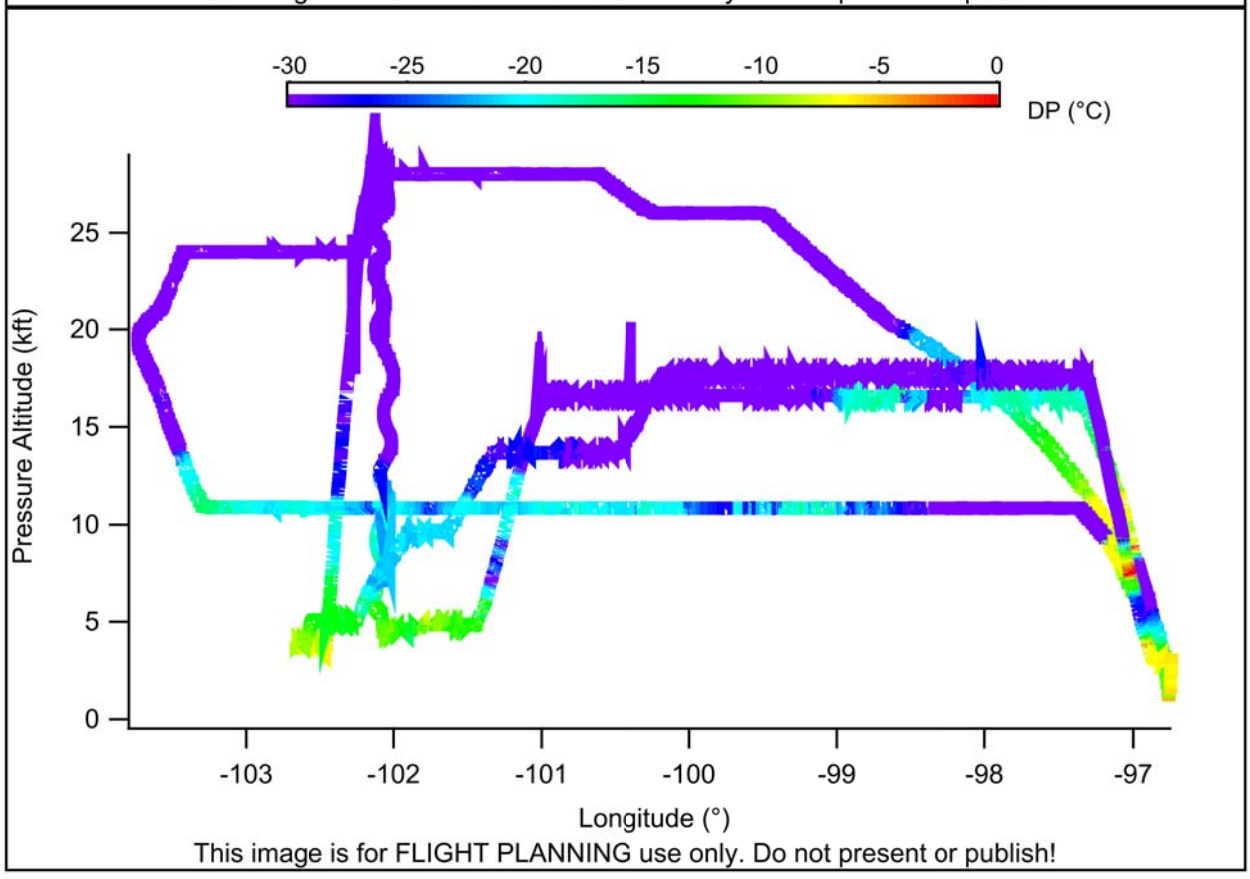

-30 -25 -20 -15 -10 -5 0
DP (°C)
Pressure Altitude (kft)
0 5 10 15 20 25
41 42 43 44 45 46 47
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

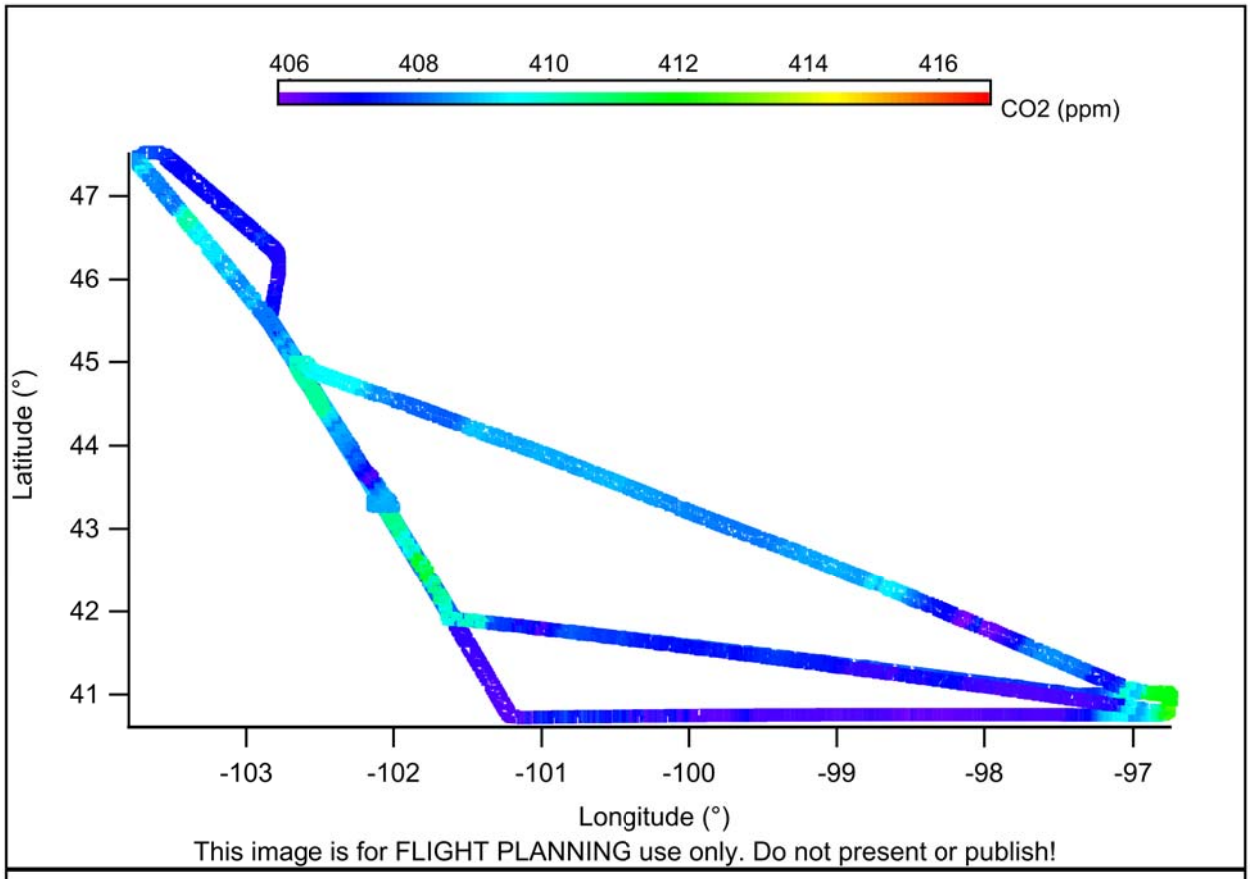

406 408 410 412 414 416
CO2 (ppm)
Pressure Altitude (kft)
0 5 10 15 20 25
-103 -102 -101 -100 -99 -98 -97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1.86
1.88
1.90
1.92
1.94
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-103
-102
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0.06
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-103
-102
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1
2
3
4
5
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
-103
-102
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-30
-25
-20
-15
-10
-5
0
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
-103
-102
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


406
408
410
412
414
416
CO2 (ppm)
47
46
45
44
43
42
41
Latitude (°)
-103
-102
-101
-100
-99
-98
-97
Longitude (°)
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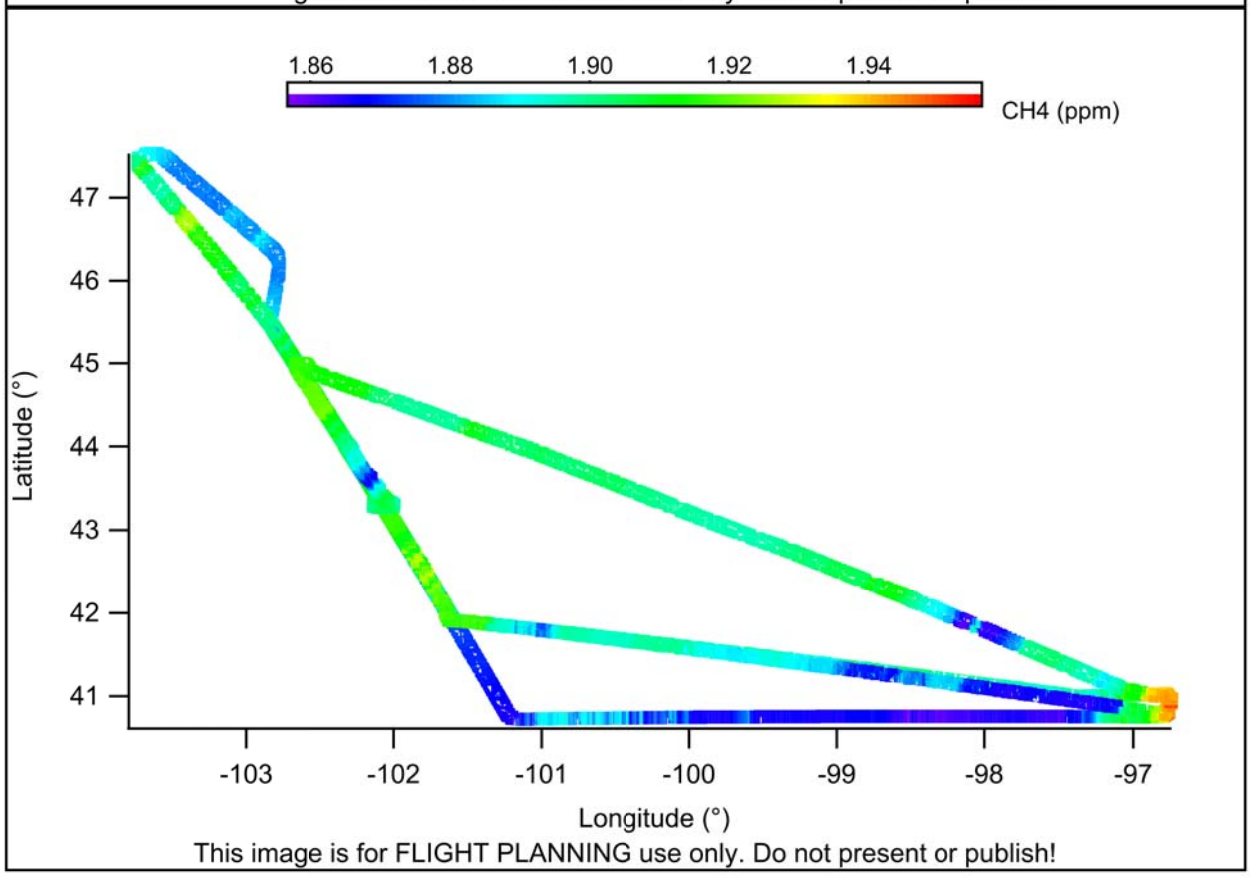
1.86
1.88
1.90
1.92
1.94
CH4 (ppm)
47
46
45
44
43
42
41
Latitude (°)
-103
-102
-101
-100
-99
-98
-97
Longitude (°)
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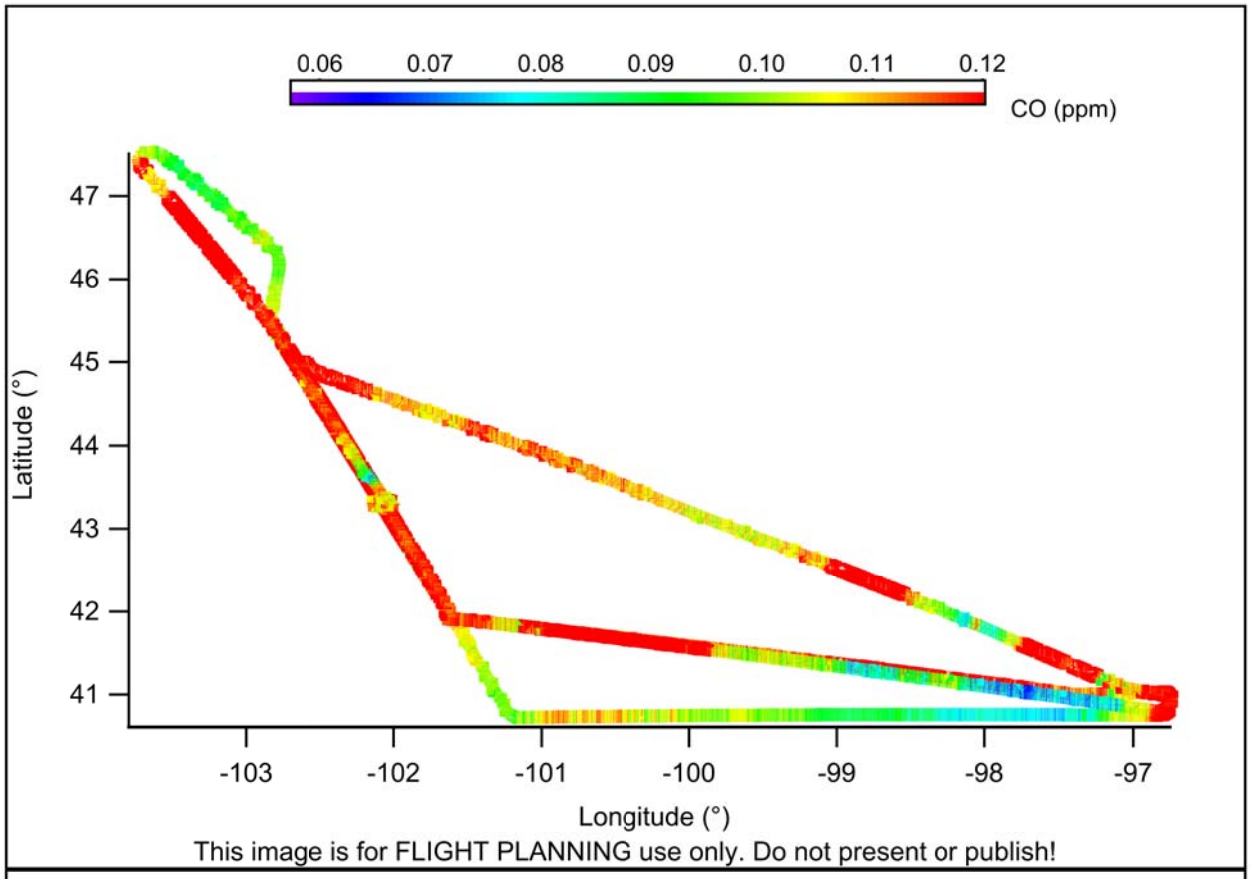
0.06
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
47
46
45
44
43
42
41
Latitude (°)
-103
-102
-101
-100
-99
-98
-97
Longitude (°)
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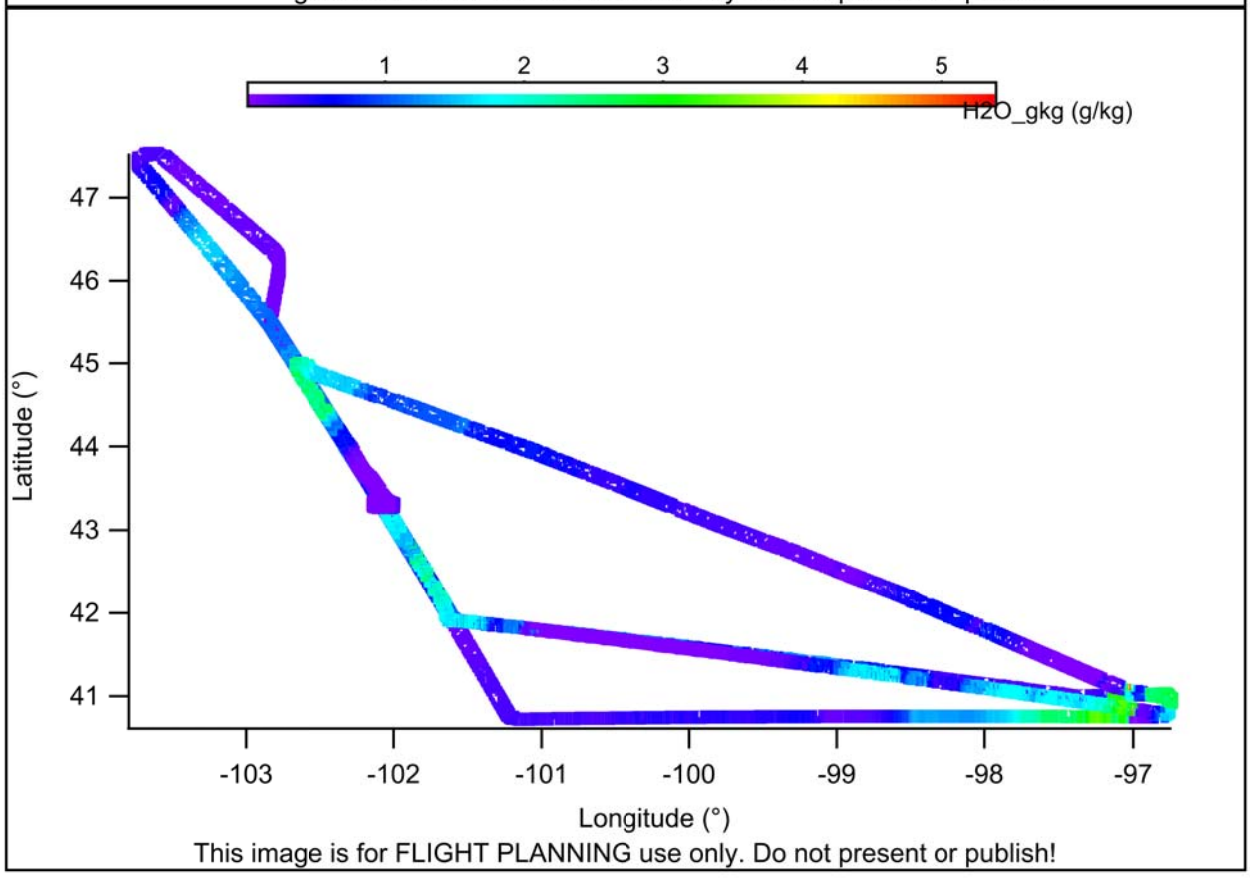
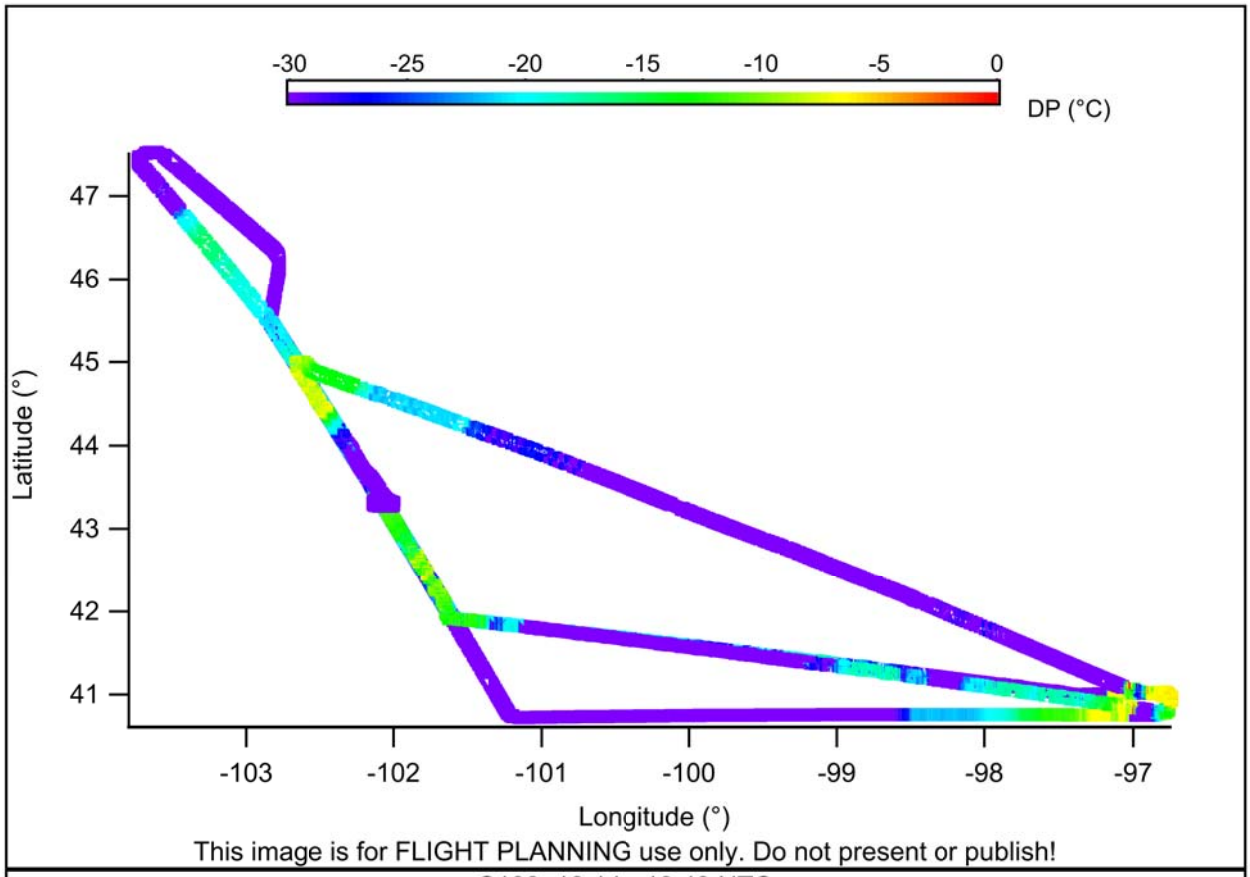
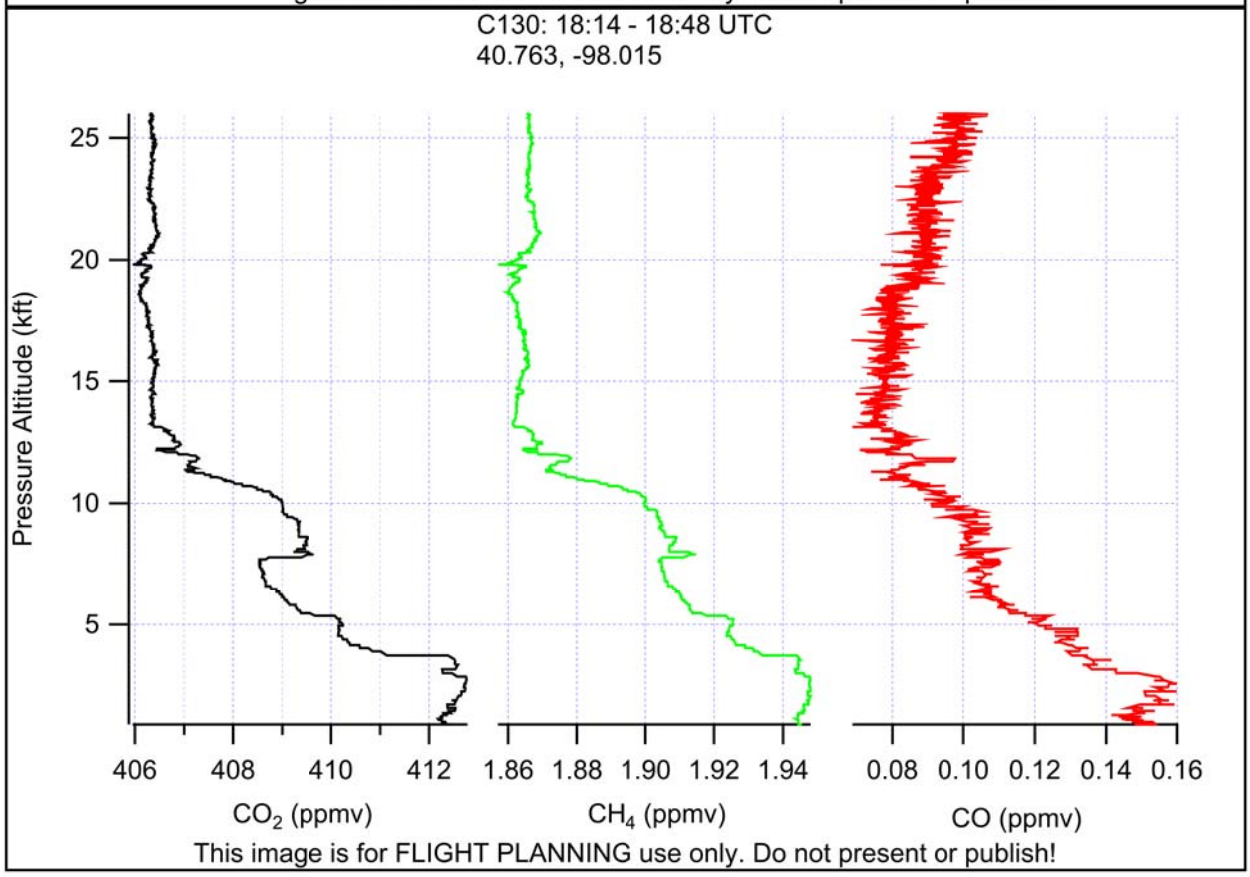
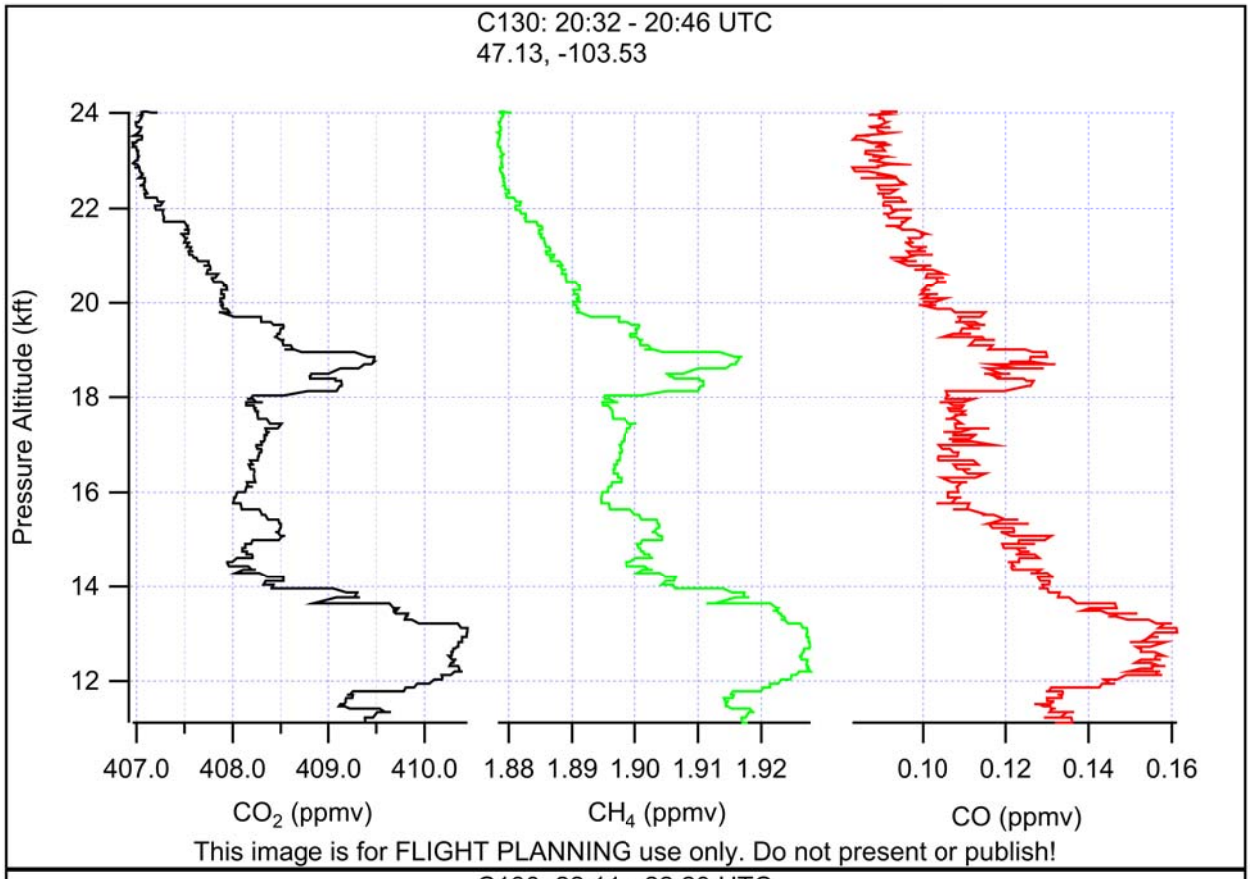

1
2
3
4
5
H2O_gkg (g/kg)
47
46
45
44
43
42
41
Latitude (°)
-103
-102
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-30 -25 -20 -15 -10 -5 0
DP (°C)
47
46
45
44
43
42
41
Latitude (°)
-103 -102 -101 -100 -99 -98 -97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 18:14 - 18:48 UTC
40.763, -98.015
25
20
15
10
5
Pressure Altitude (kft)
406 408 410 412
CO2 (ppmv)
1.86 1.88 1.90 1.92 1.94
CH4 (ppmv)
0.08 0.10 0.12 0.14 0.16
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:32 - 20:46 UTC
47.13, -103.53
Pressure Altitude (kft)
24
22
20
18
16
14
12
407.0 408.0 409.0 410.0
CO2 (ppmv)
1.88 1.89 1.90 1.91 1.92
CH4 (ppmv)
0.10 0.12 0.14 0.16
CO (ppmv)
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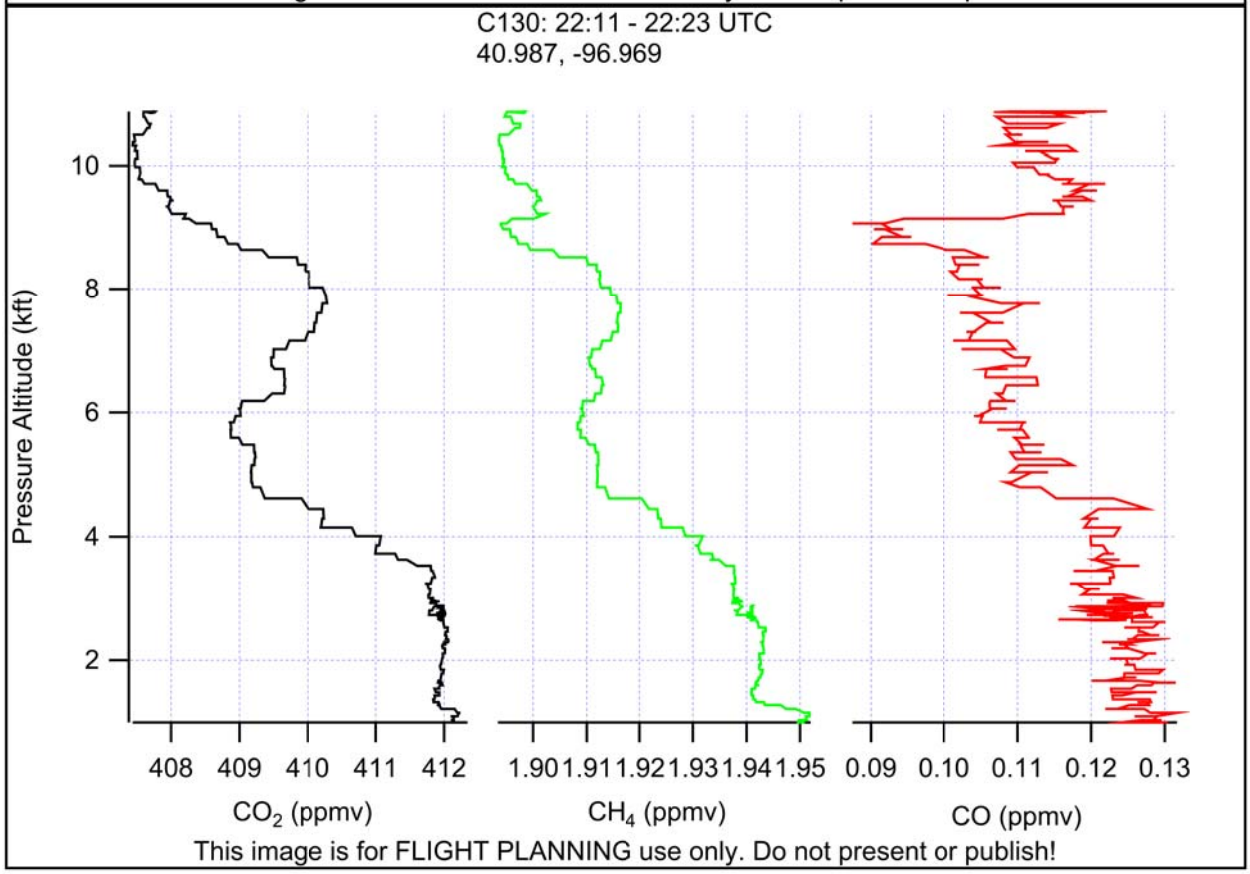
C130: 22:11 - 22:23 UTC
40.987, -96.969
Pressure Altitude (kft)
10
8
6
4
2
408 409 410 411 412
CO2 (ppmv)
1.90 1.91 1.92 1.93 1.94 1.95
CH4 (ppmv)
0.09 0.10 0.11 0.12 0.13
CO (ppmv)
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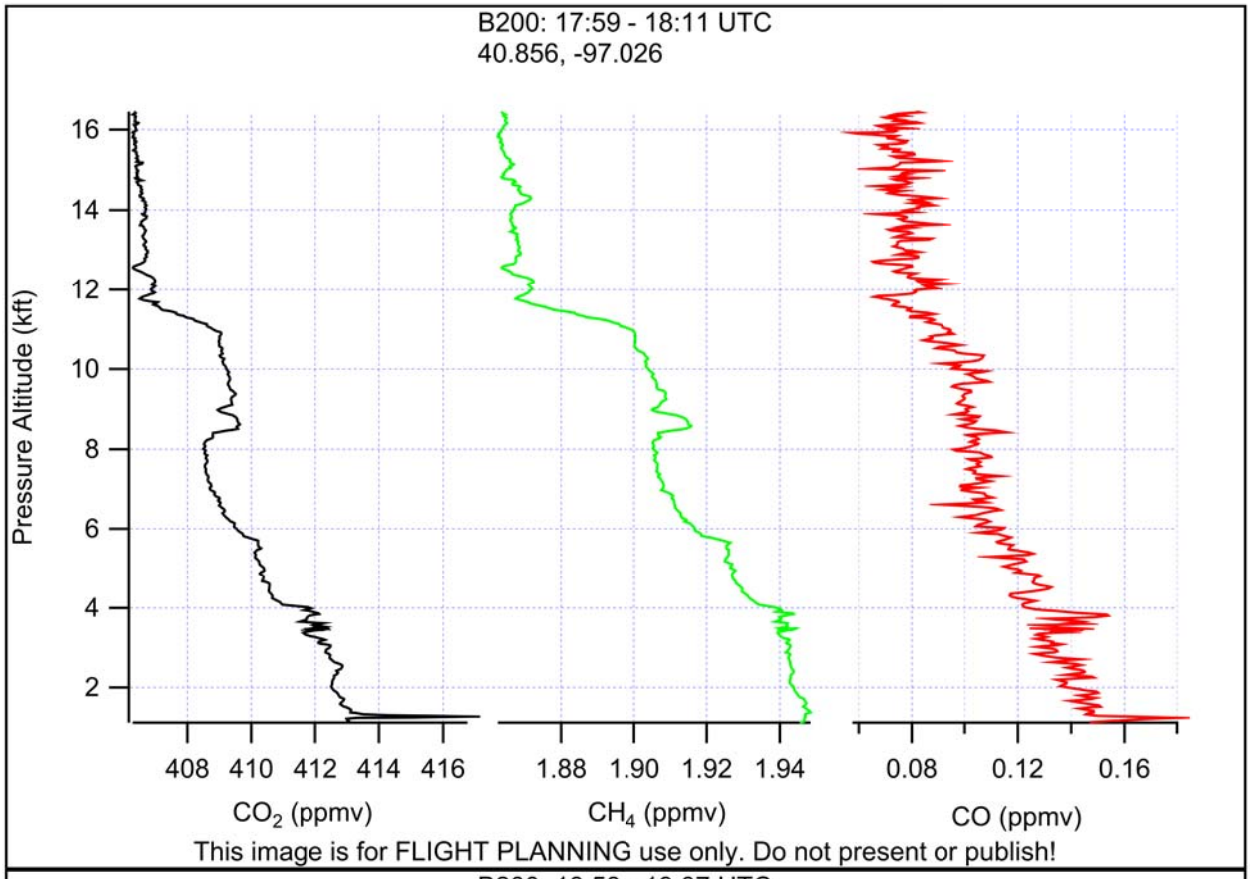
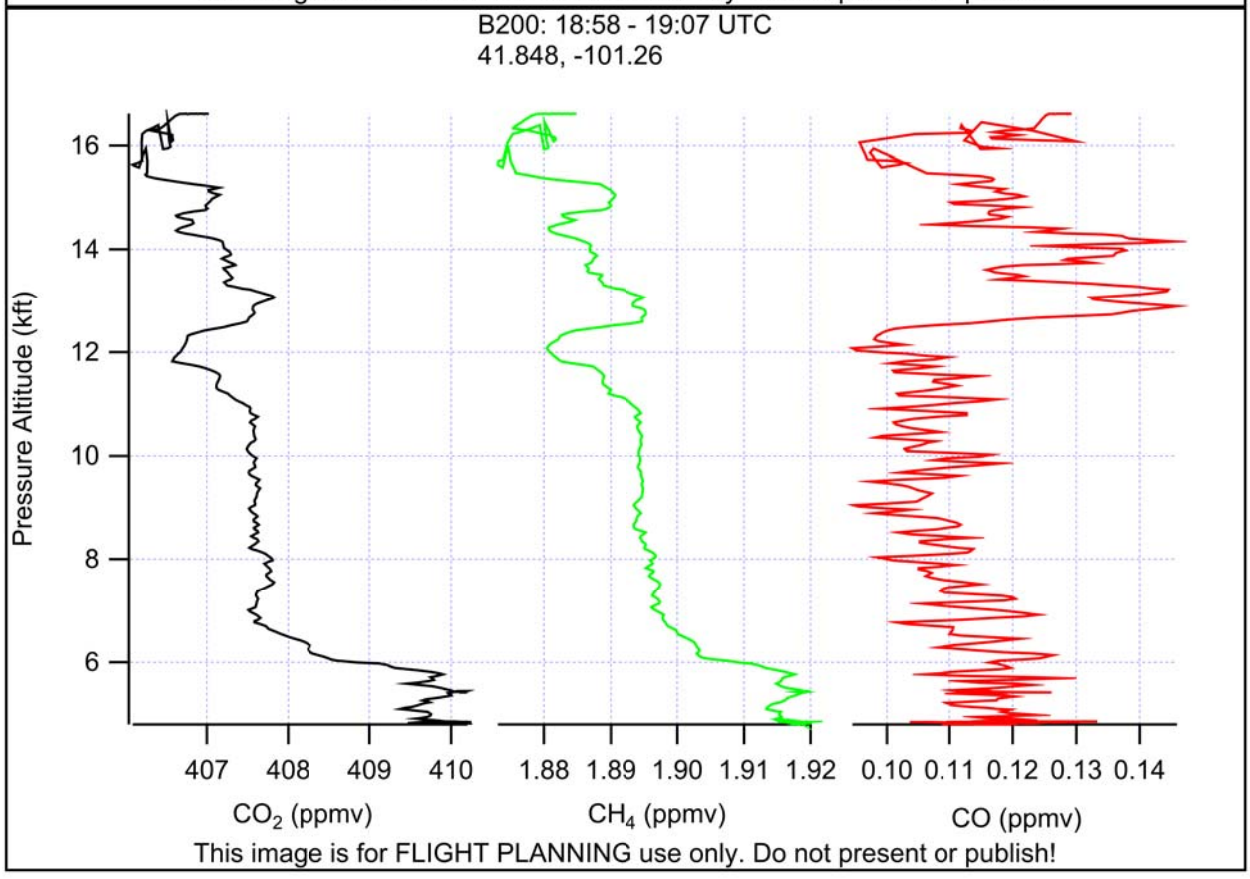

B200: 17:59 - 18:11 UTC
40.856, -97.026
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
408 410 412 414 416
CO2 (ppmv)
1.88 1.90 1.92 1.94
CH4 (ppmv)
0.08 0.12 0.16
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:58 - 19:07 UTC
41.848, -101.26
Pressure Altitude (kft)
16
14
12
10
8
6
407 408 409 410
CO2 (ppmv)
1.88 1.89 1.90 1.91 1.92
CH4 (ppmv)
0.10 0.11 0.12 0.13 0.14
CO (ppmv)
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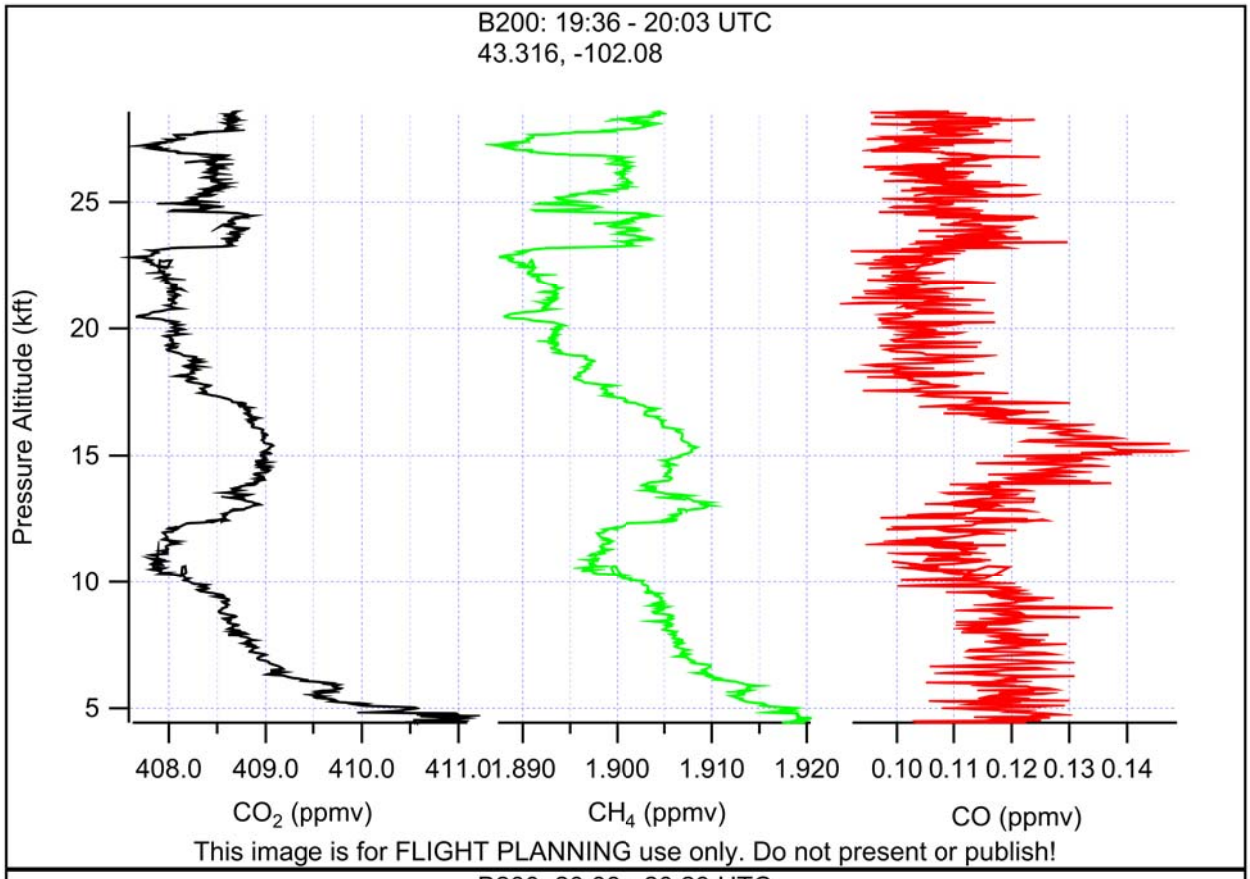
B200: 19:36 - 20:03 UTC
43.316, -102.08
Pressure Altitude (kft)
25
20
15
10
5
408.0 409.0 410.0 411.0
CO2 (ppmv)
1.890 1.900 1.910 1.920
CH4 (ppmv)
0.10 0.11 0.12 0.13 0.14
CO (ppmv)
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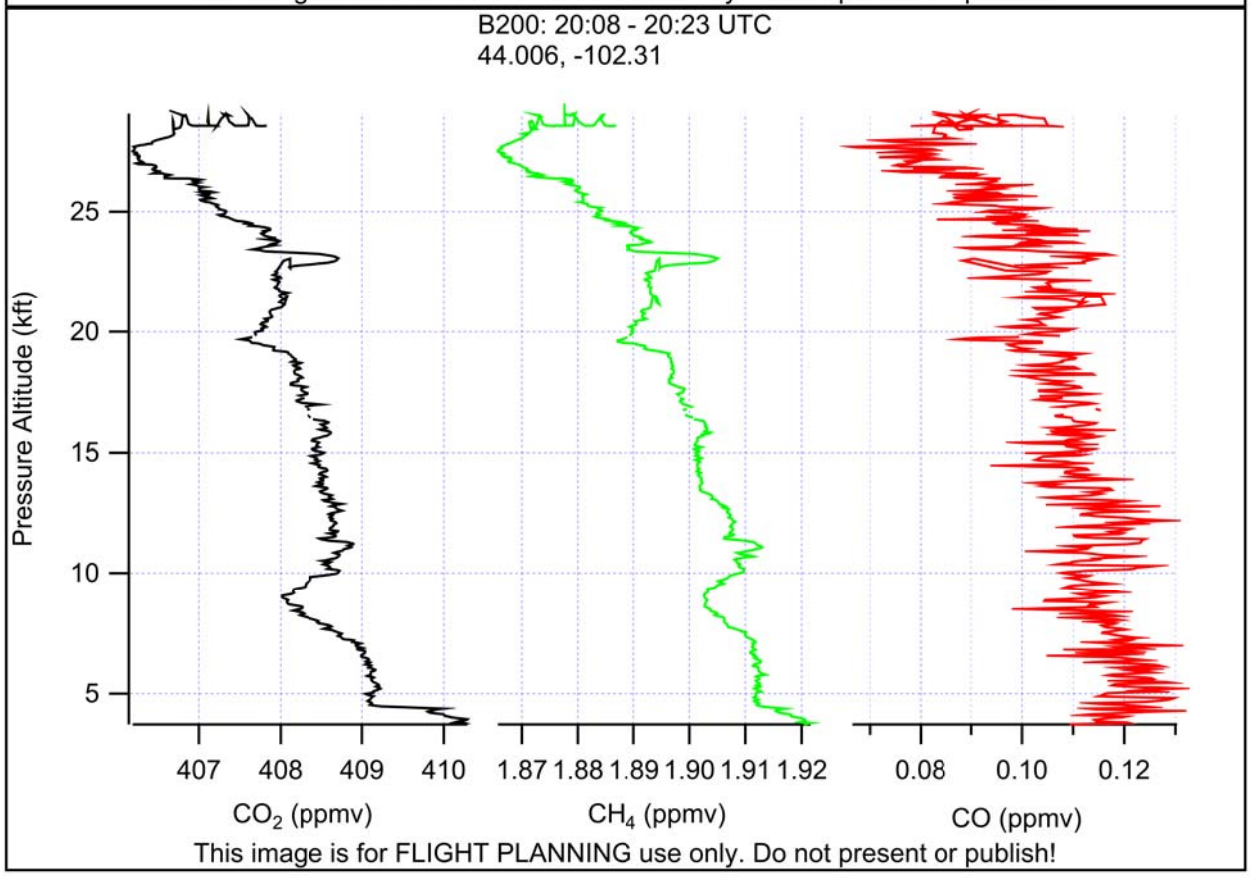
B200: 20:08 - 20:23 UTC
44.006, -102.31
Pressure Altitude (kft)
25
20
15
10
5
407 408 409 410
CO2 (ppmv)
1.87 1.88 1.89 1.90 1.91 1.92
CH4 (ppmv)
0.08 0.10 0.12
CO (ppmv)
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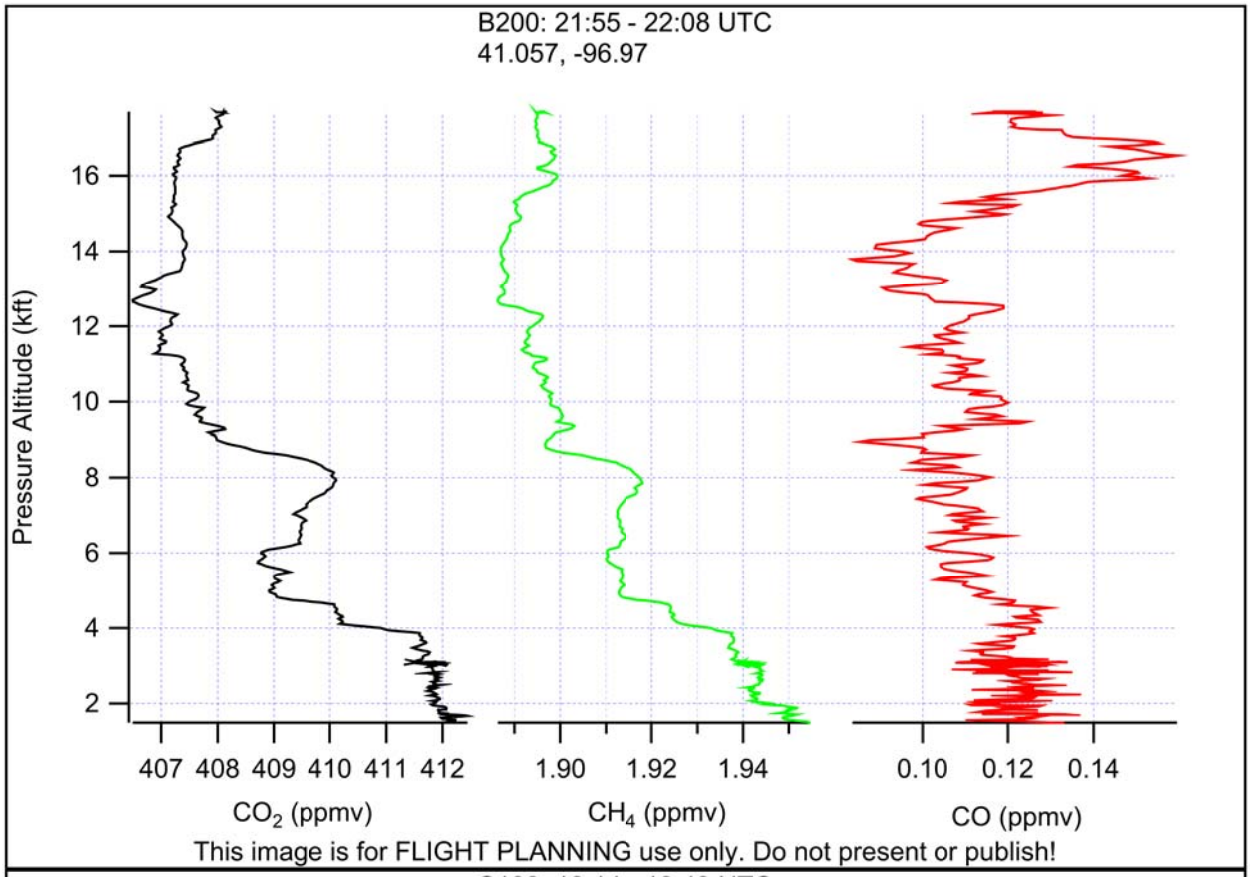
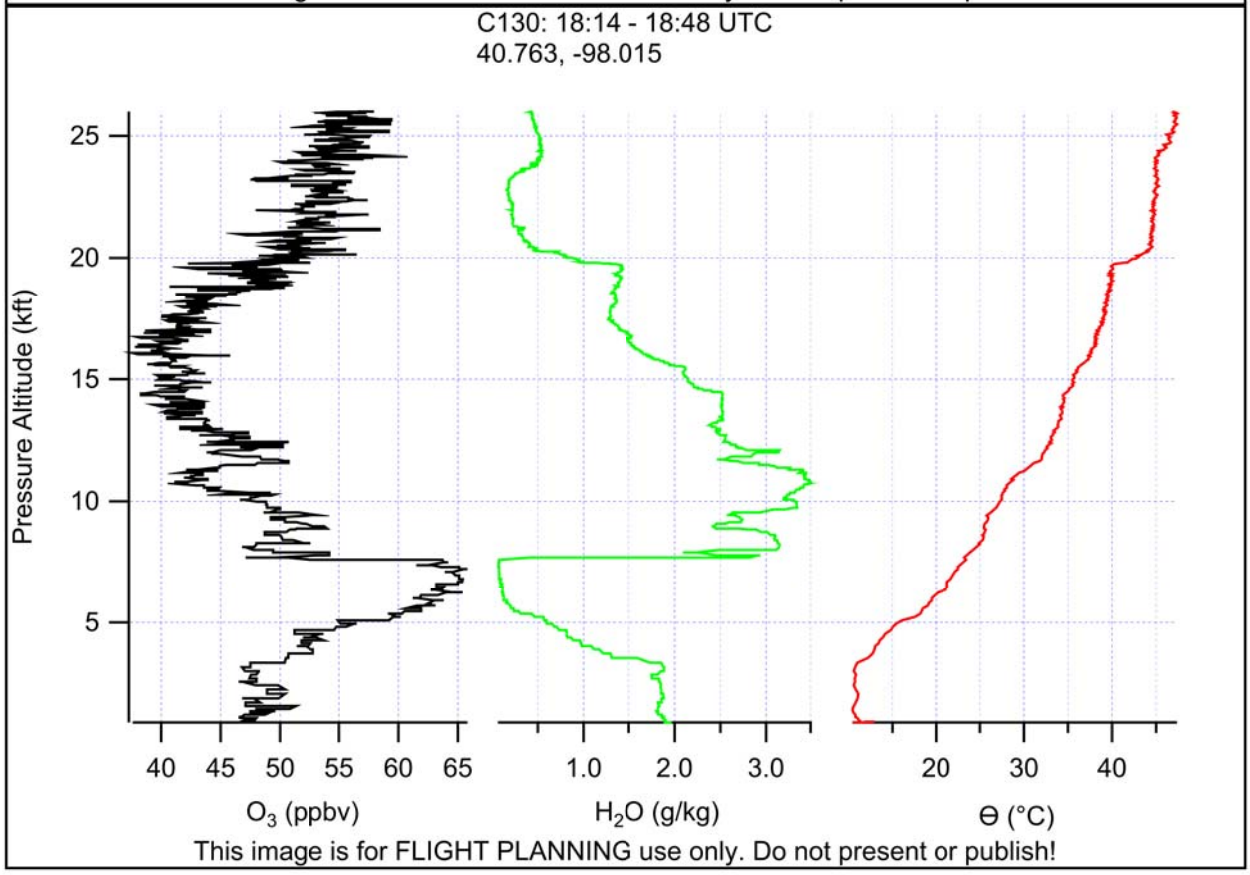
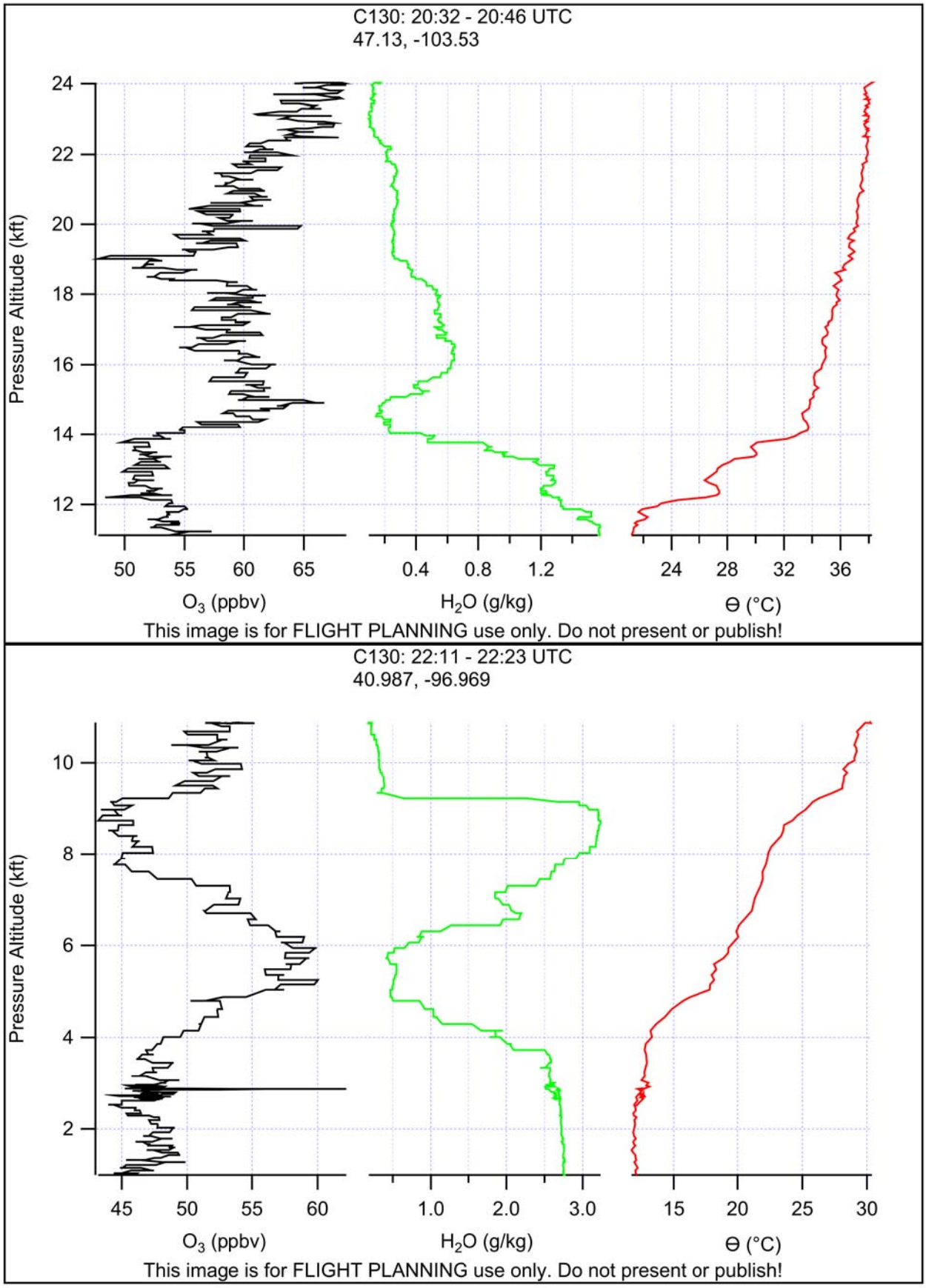
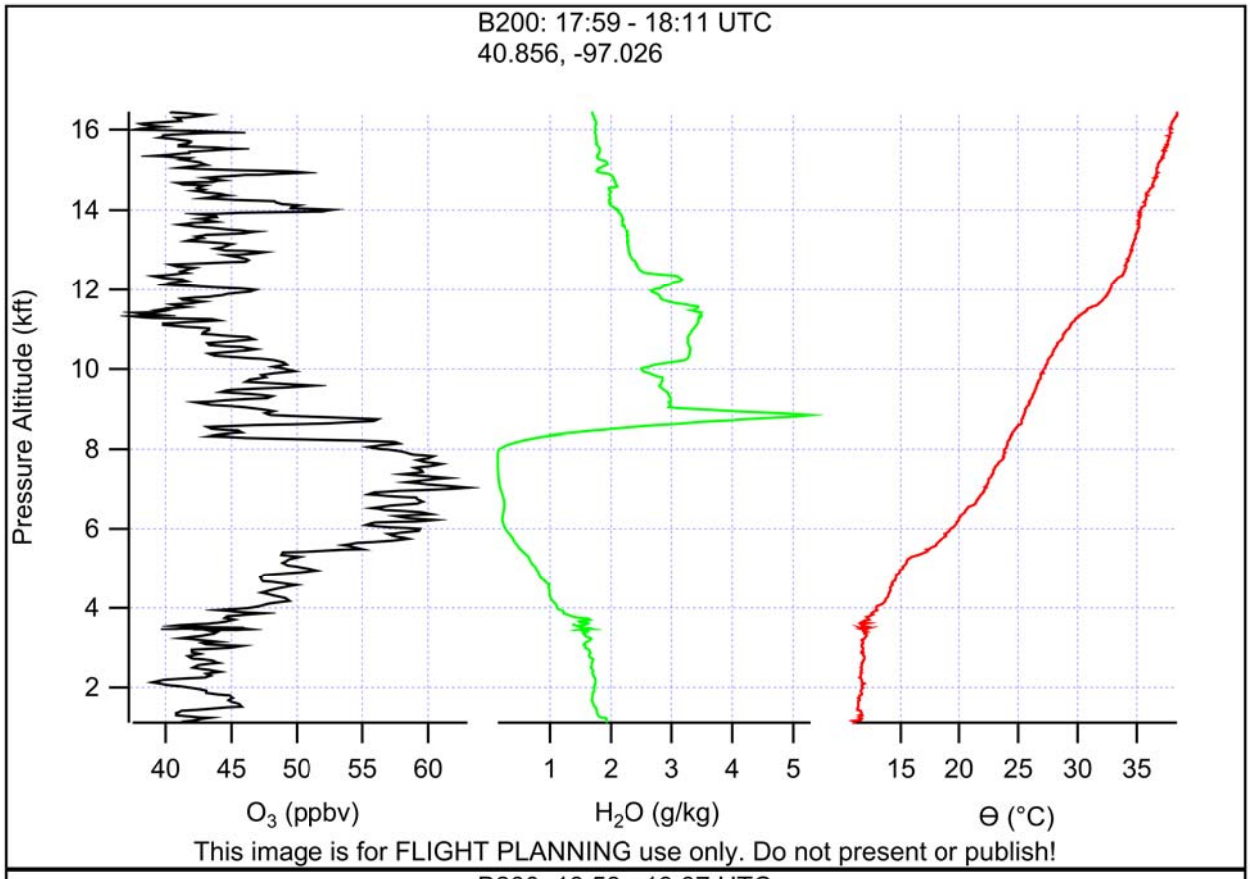
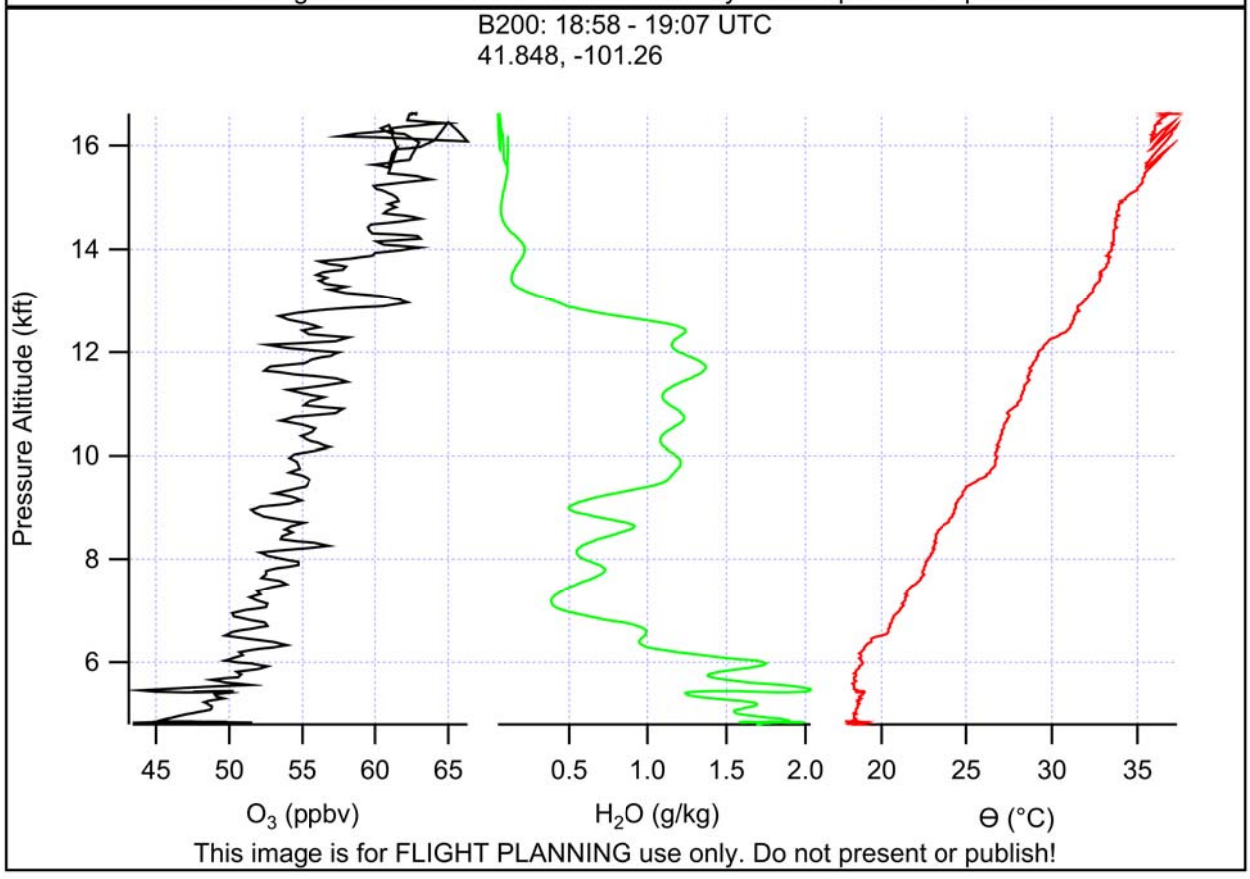
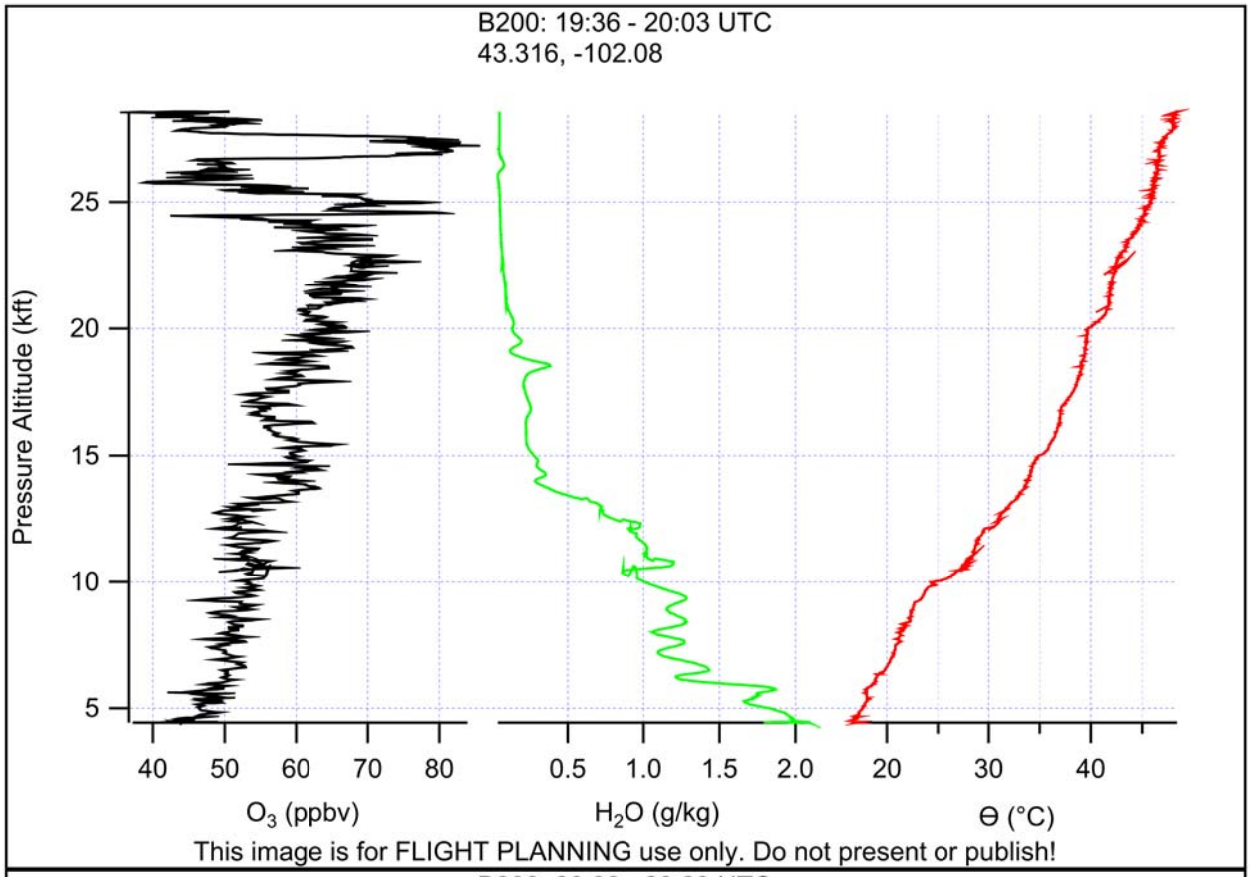

B200: 21:55 - 22:08 UTC
41.057, -96.97
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
407 408 409 410 411 412
CO2 (ppmv)
1.90 1.92 1.94
CH4 (ppmv)
0.10 0.12 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

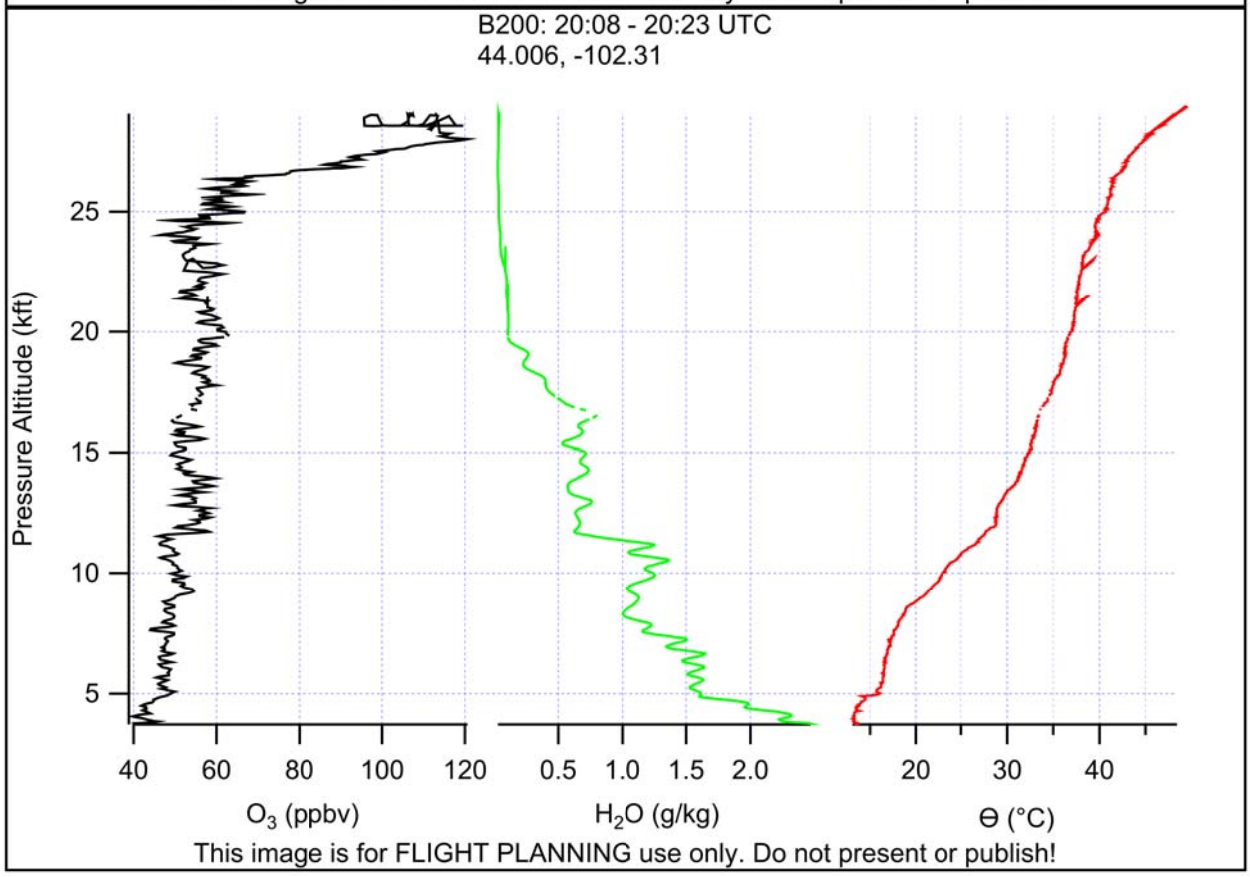

C130: 18:14 - 18:48 UTC
40.763, -98.015
Pressure Altitude (kft)
25
20
15
10
5
40 45 50 55 60 65
O3 (ppbv)
1.0 2.0 3.0
H2O (g/kg)
20 30 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

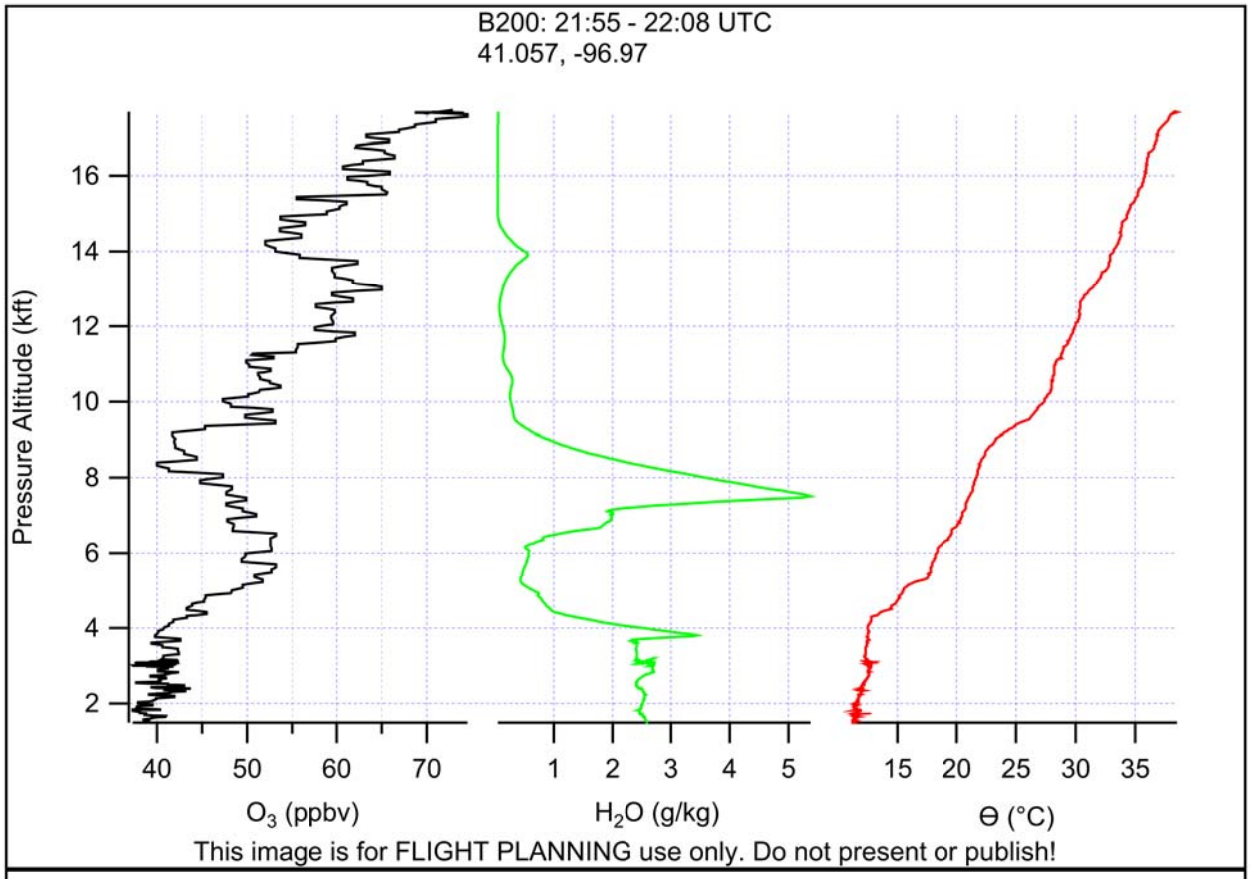

C130: 20:32 - 20:46 UTC
47.13, -103.53
Pressure Altitude (kft)
24
22
20
18
16
14
12
50
55
60
65
O_3 (ppbv)
0.4
0.8
1.2
H_2O (g/kg)
24
28
32
36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!
C130: 22:11 - 22:23 UTC
40.987, -96.969
Pressure Altitude (kft)
10
8
6
4
2
45
50
55
60
O_3 (ppbv)
1.0
2.0
3.0
H_2O (g/kg)
15
20
25
30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:59 - 18:11 UTC
40.856, -97.026
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
40 45 50 55 60
O3 (ppbv)
1 2 3 4 5
H2O (g/kg)
15 20 25 30 35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:58 - 19:07 UTC
41.848, -101.26
Pressure Altitude (kft)
16
14
12
10
8
6
45 50 55 60 65
O3 (ppbv)
0.5 1.0 1.5 2.0
H2O (g/kg)
20 25 30 35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:36 - 20:03 UTC
43.316, -102.08
Pressure Altitude (kft)
25
20
15
10
5
40
50
60
70
80
O_3 (ppbv)
0.5
1.0
1.5
2.0
H_2O (g/kg)
20
30
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 20:08 - 20:23 UTC
44.006, -102.31
Pressure Altitude (kft)
25
20
15
10
5
40
60
80
100
120
O_3 (ppbv)
0.5
1.0
1.5
2.0
H_2O (g/kg)
20
30
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 21:55 - 22:08 UTC
41.057, -96.97
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
40
50
60
70
O_3 (ppbv)
1
2
3
4
5
H_2O (g/kg)
15
20
25
30
35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!