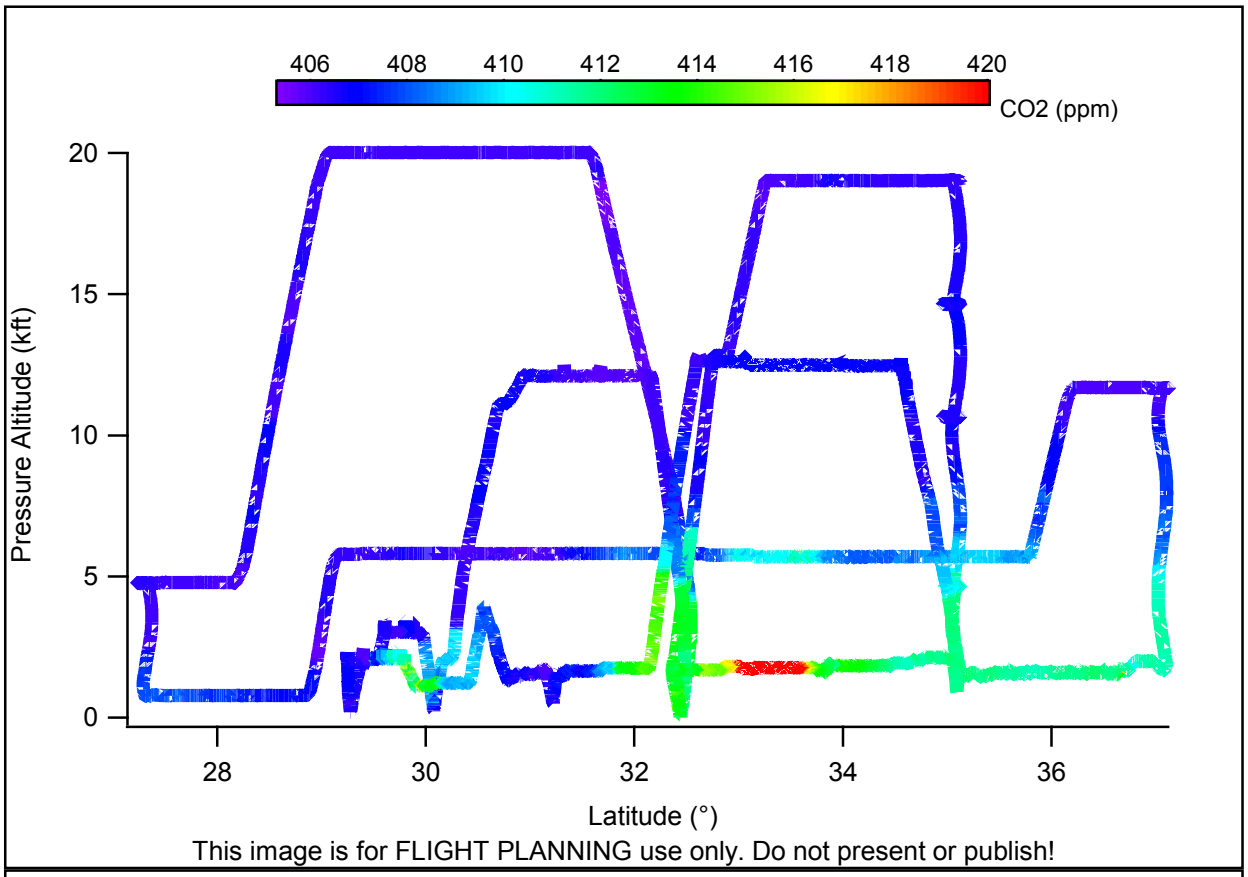
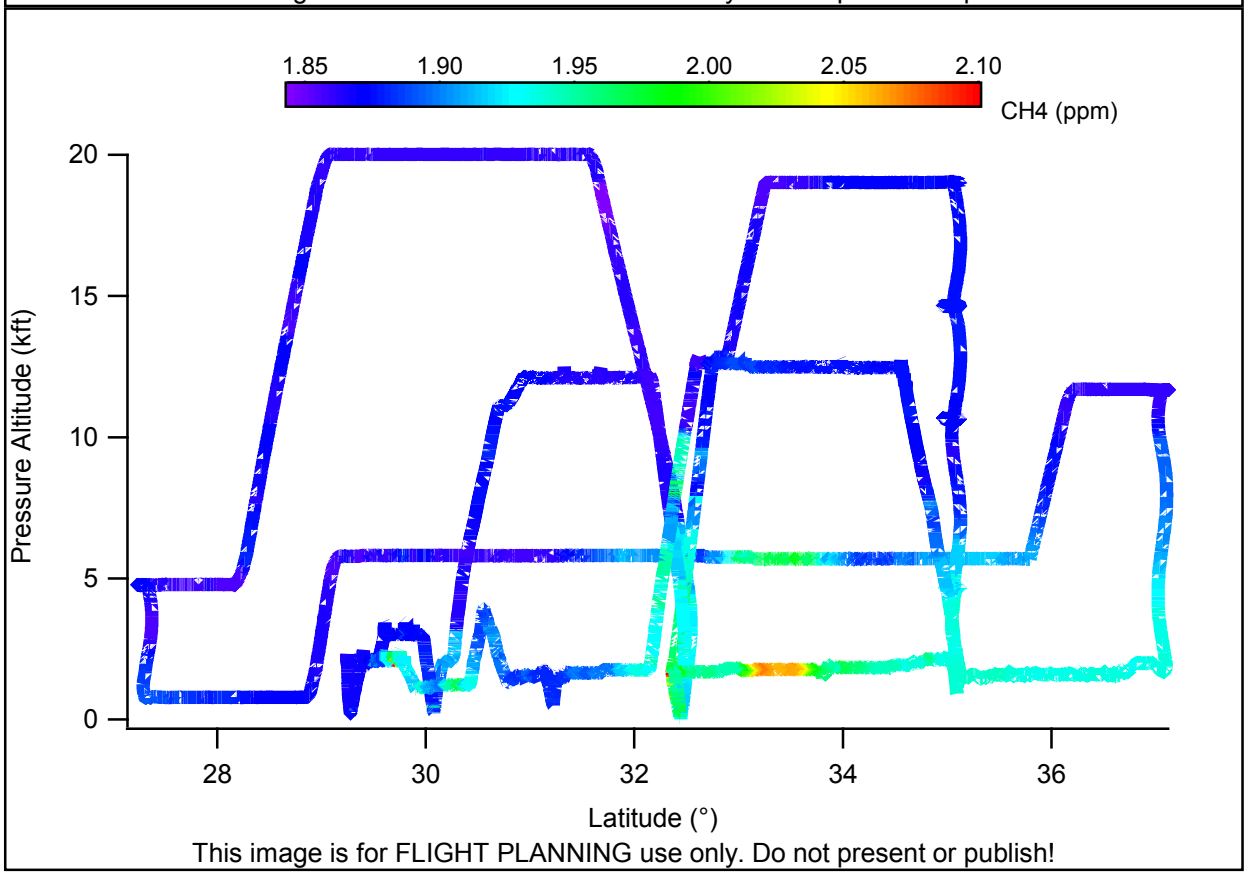
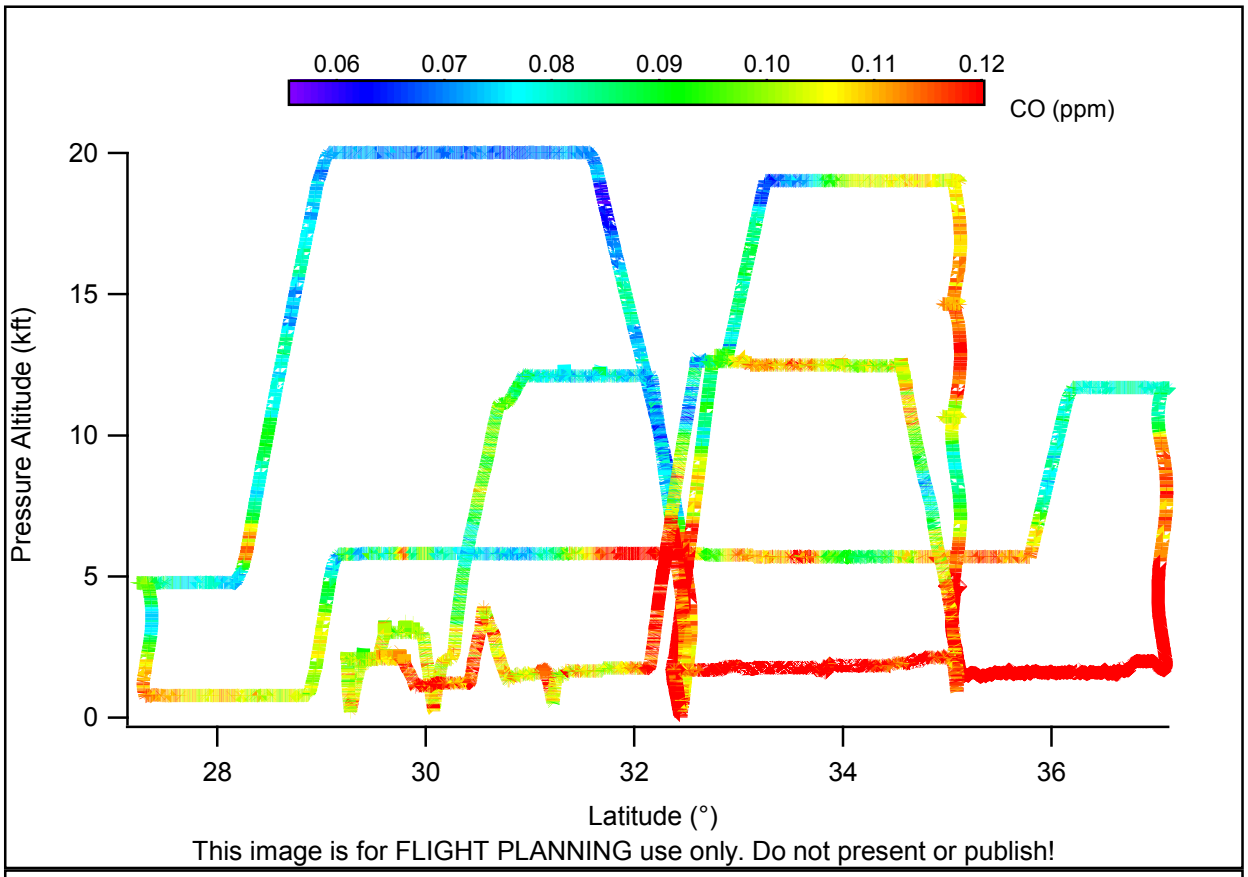
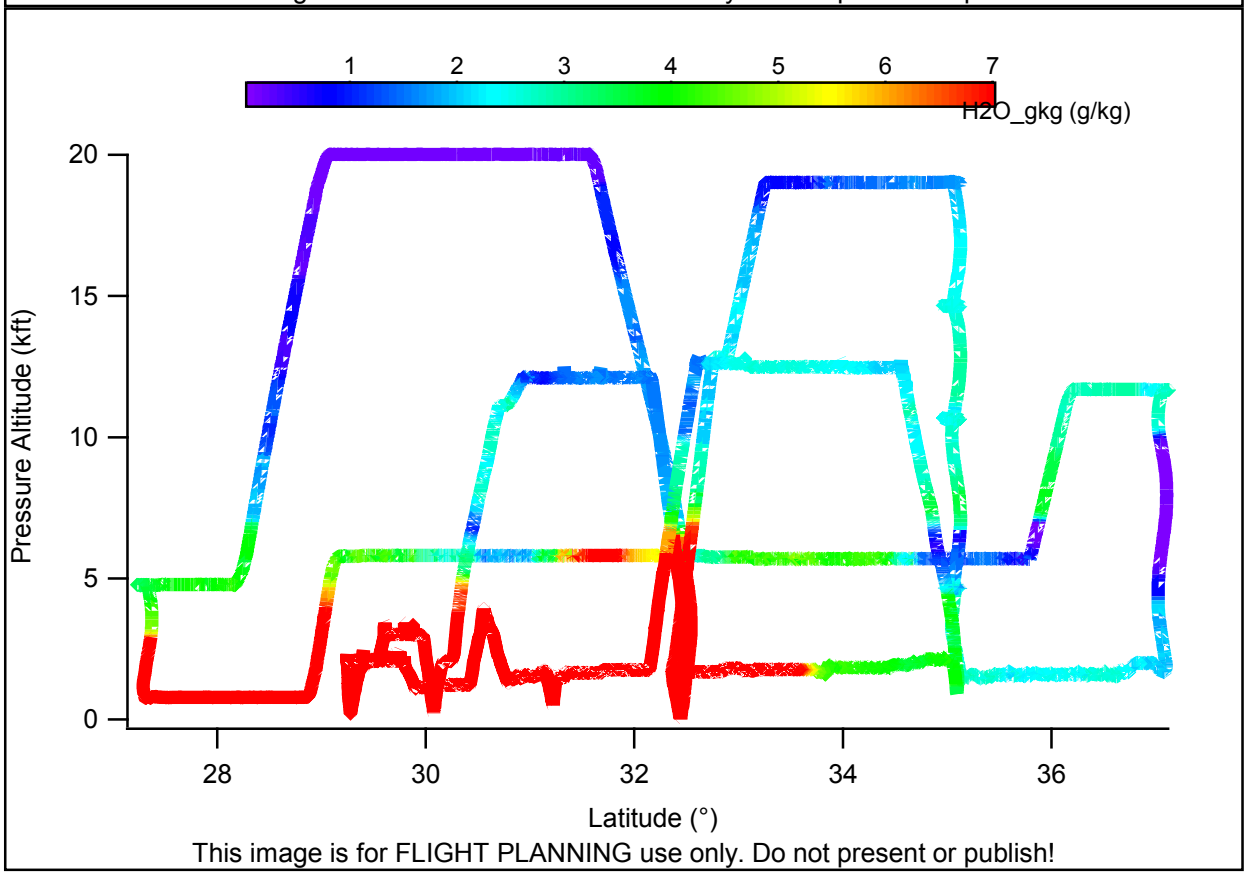
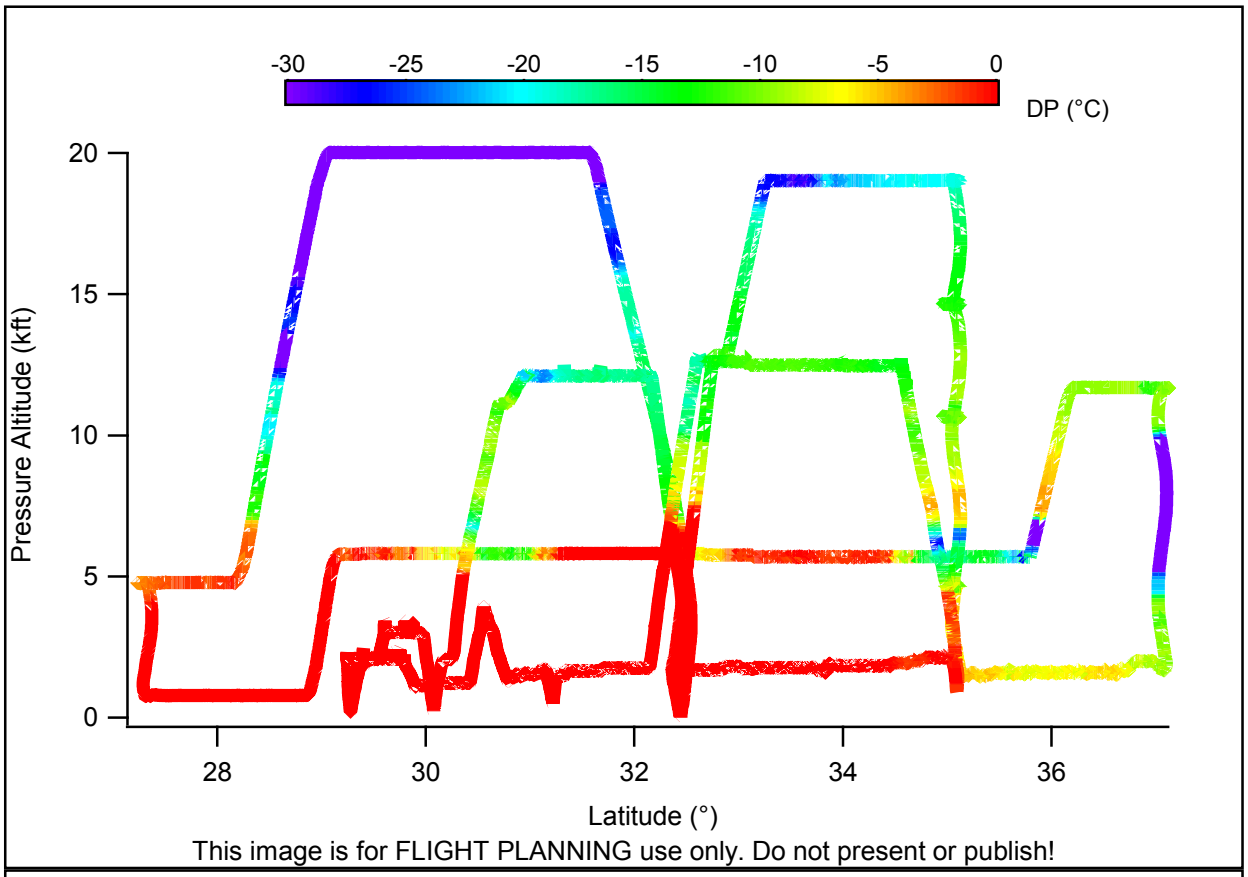
ACT-America 20170212


406
408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
28
30
32
34
36
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

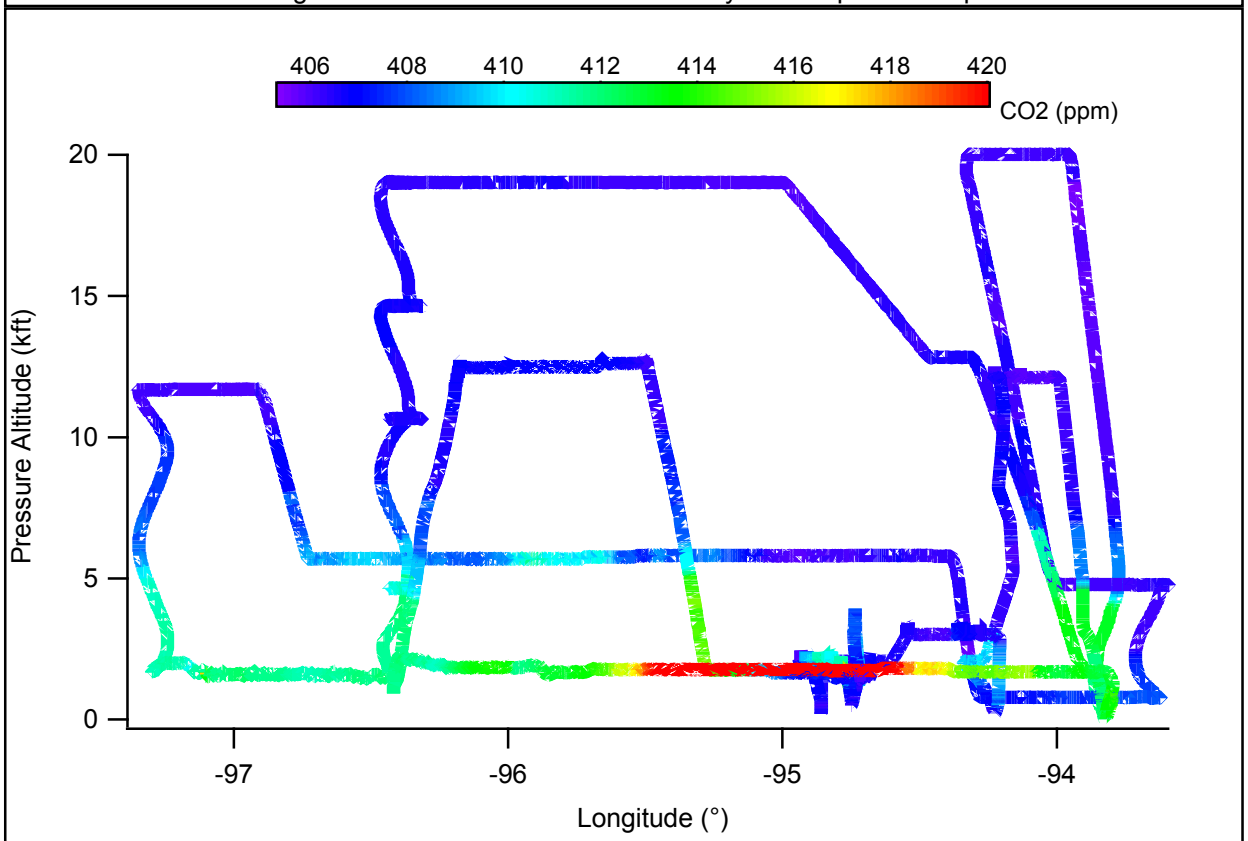

1.85
1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
28
30
32
34
36
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0.06
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
28
30
32
34
36
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

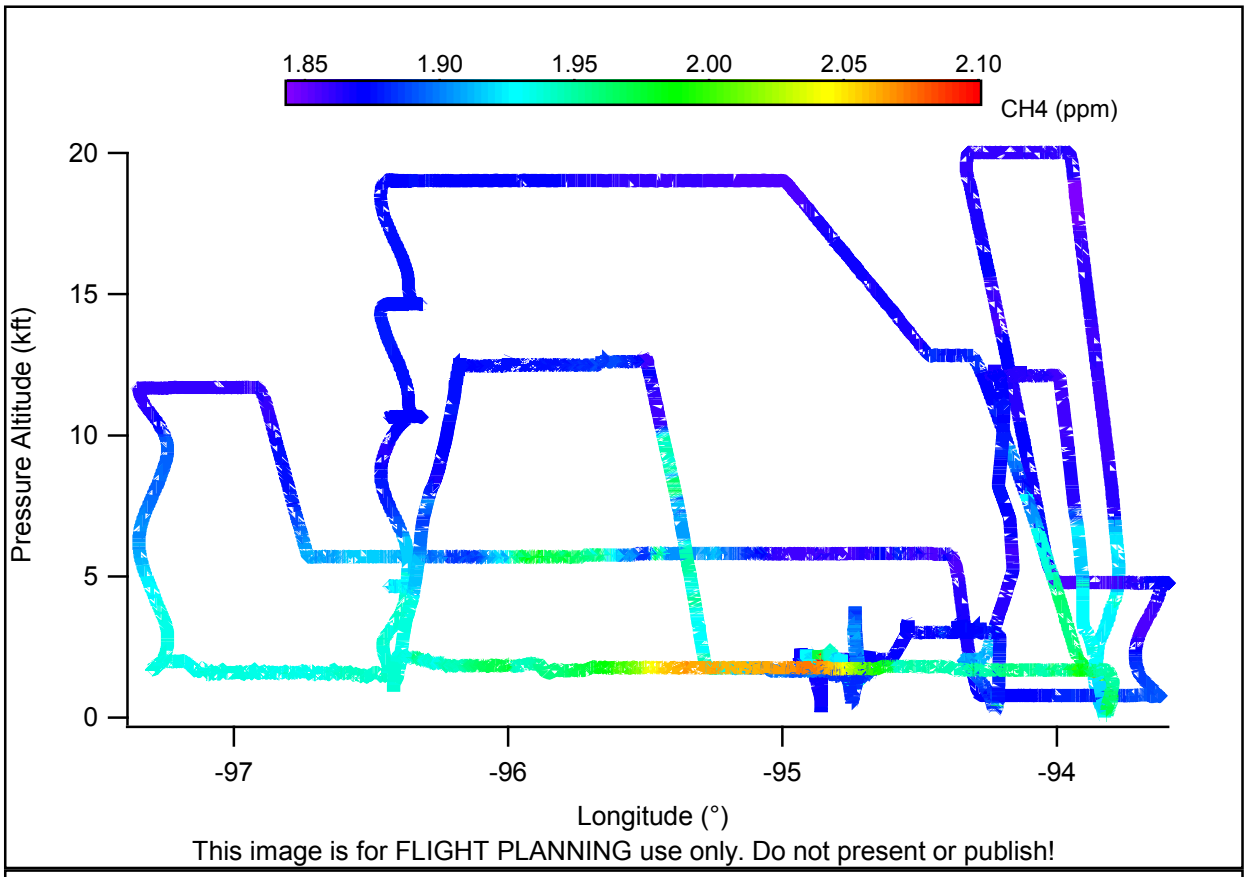

1
2
3
4
5
6
7
H2O_gkg (g/kg)
Pressure Altitude (kft)
20
15
10
5
0
28
30
32
34
36
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

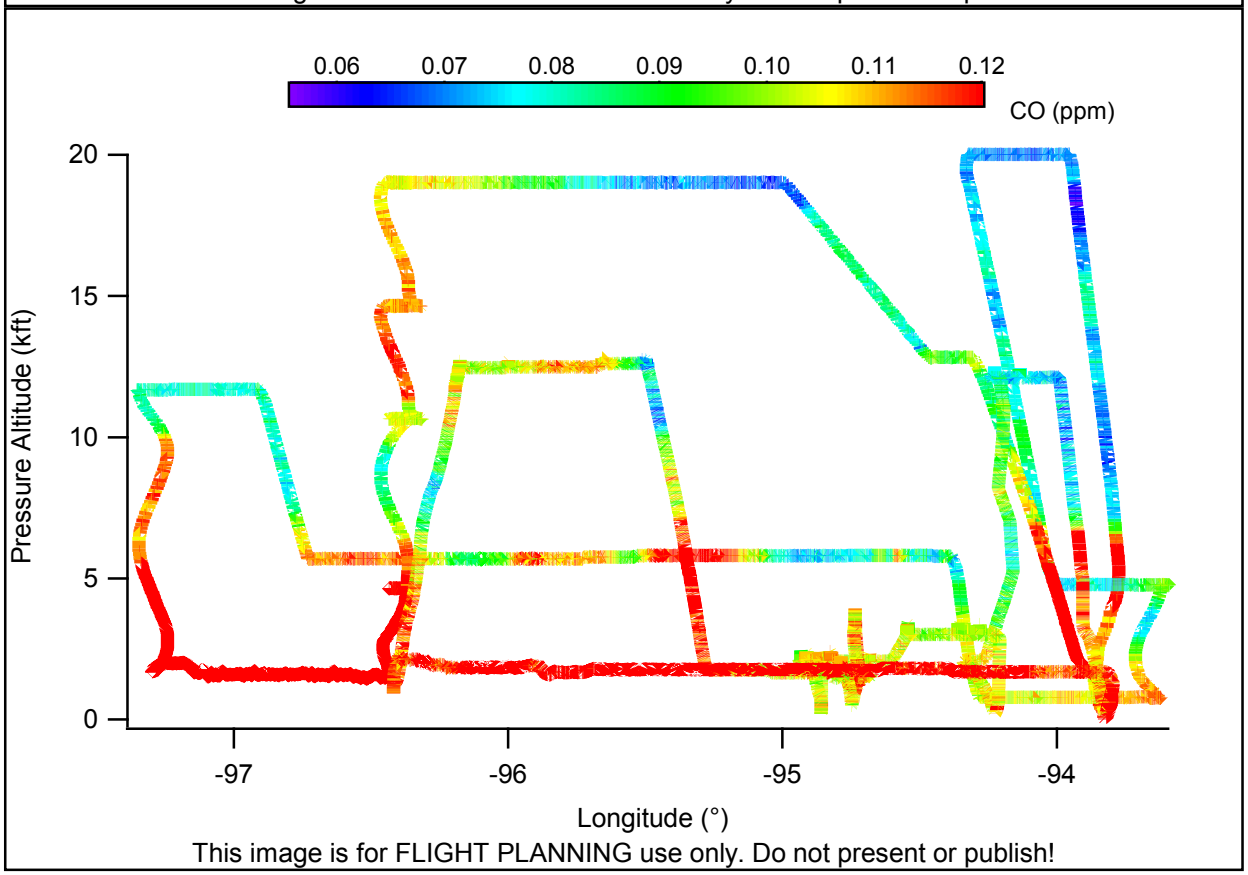


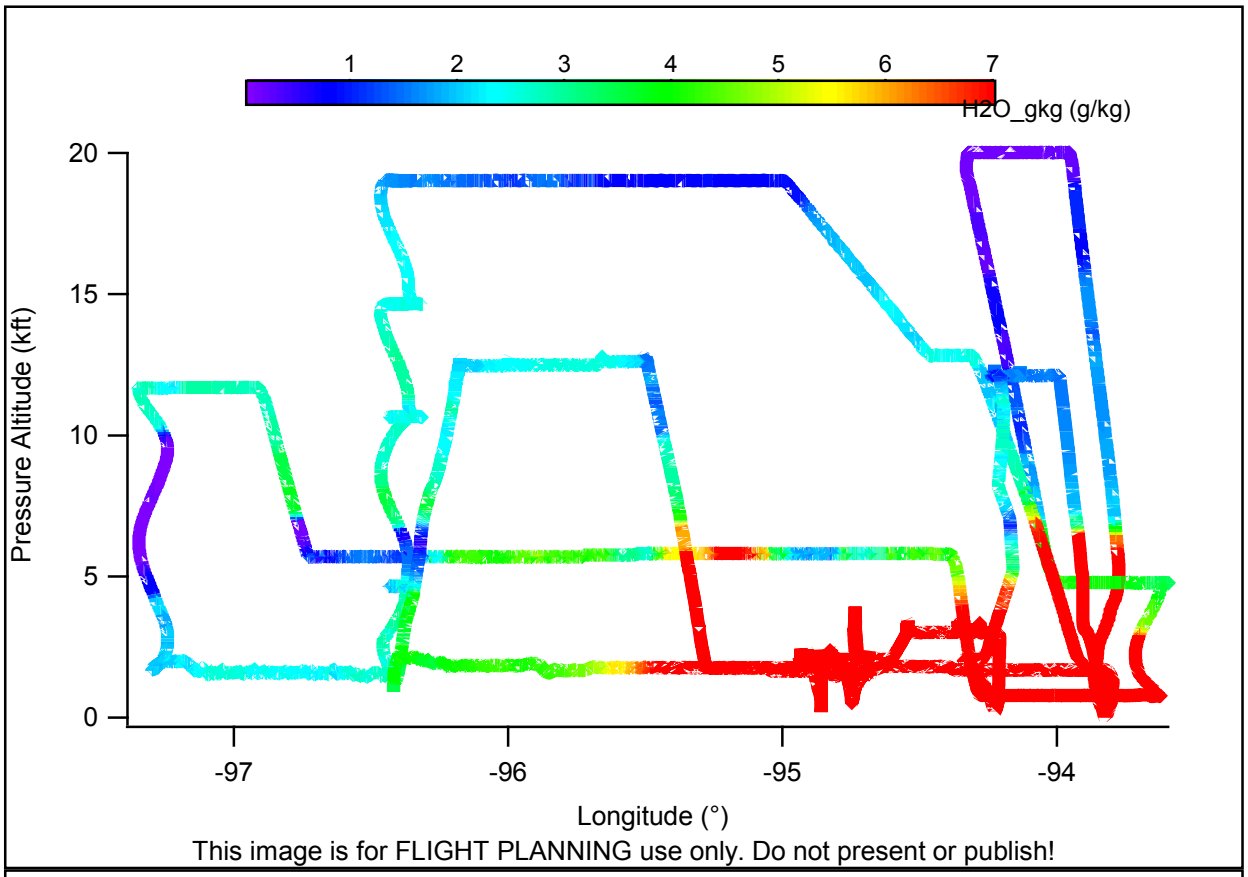
This image is for FLIGHT PLANNING use only. Do not present or publish!

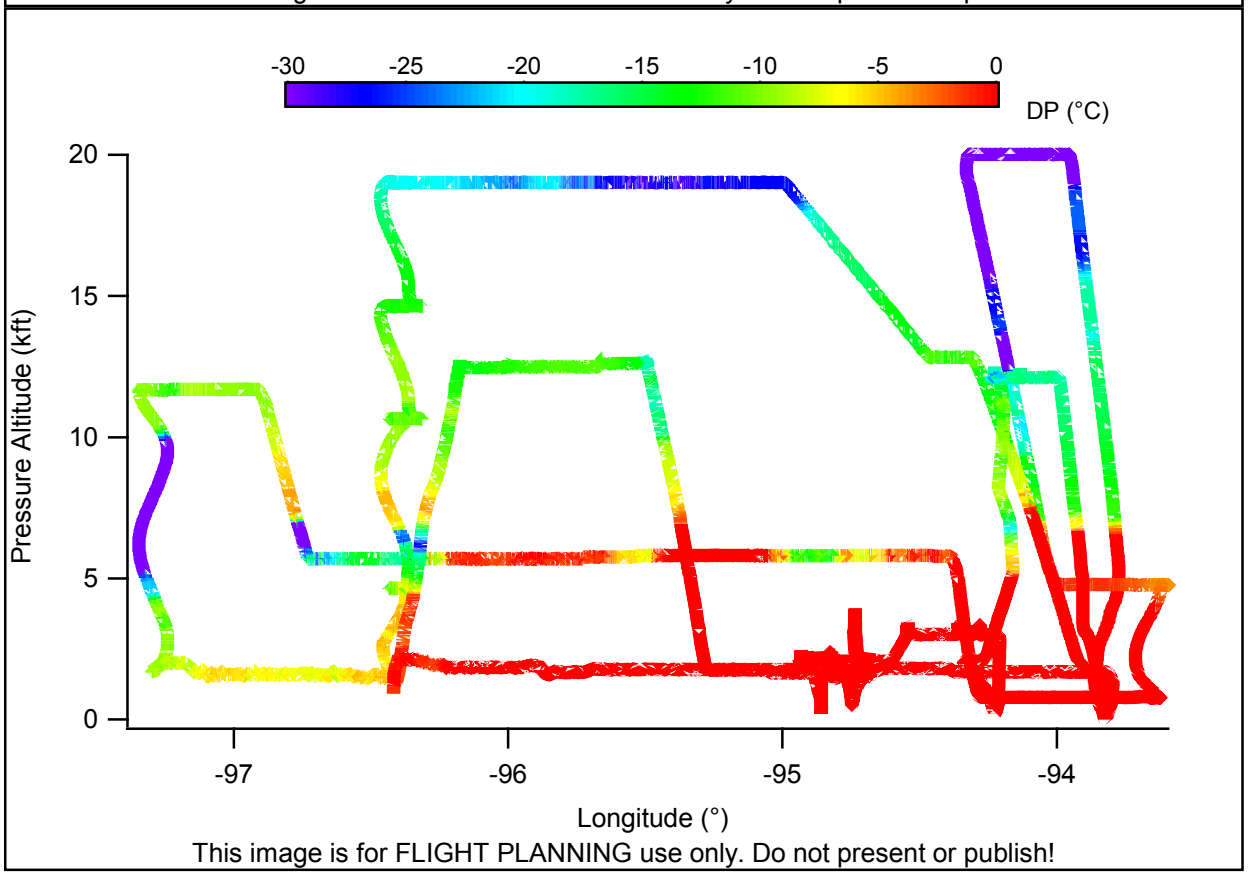


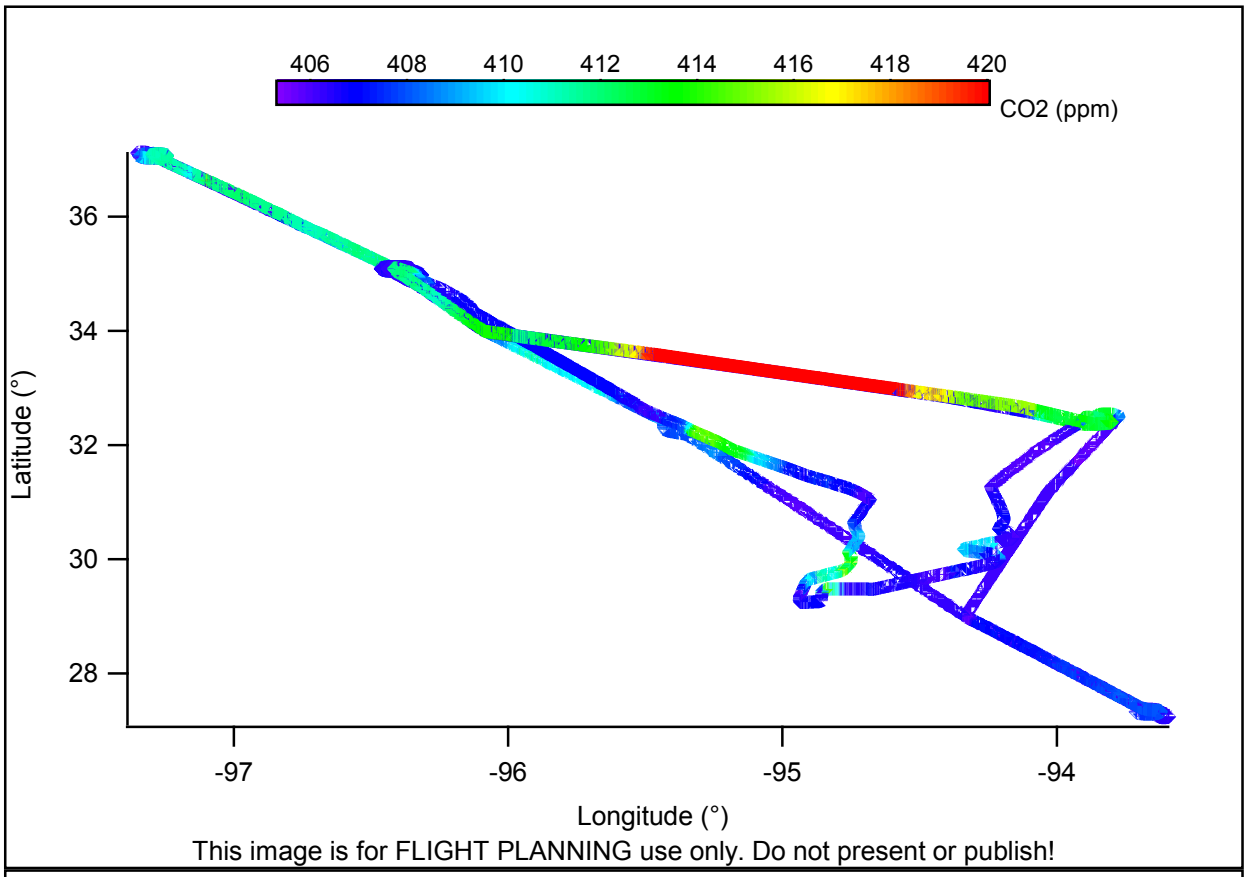
This image is for FLIGHT PLANNING use only. Do not present or publish!

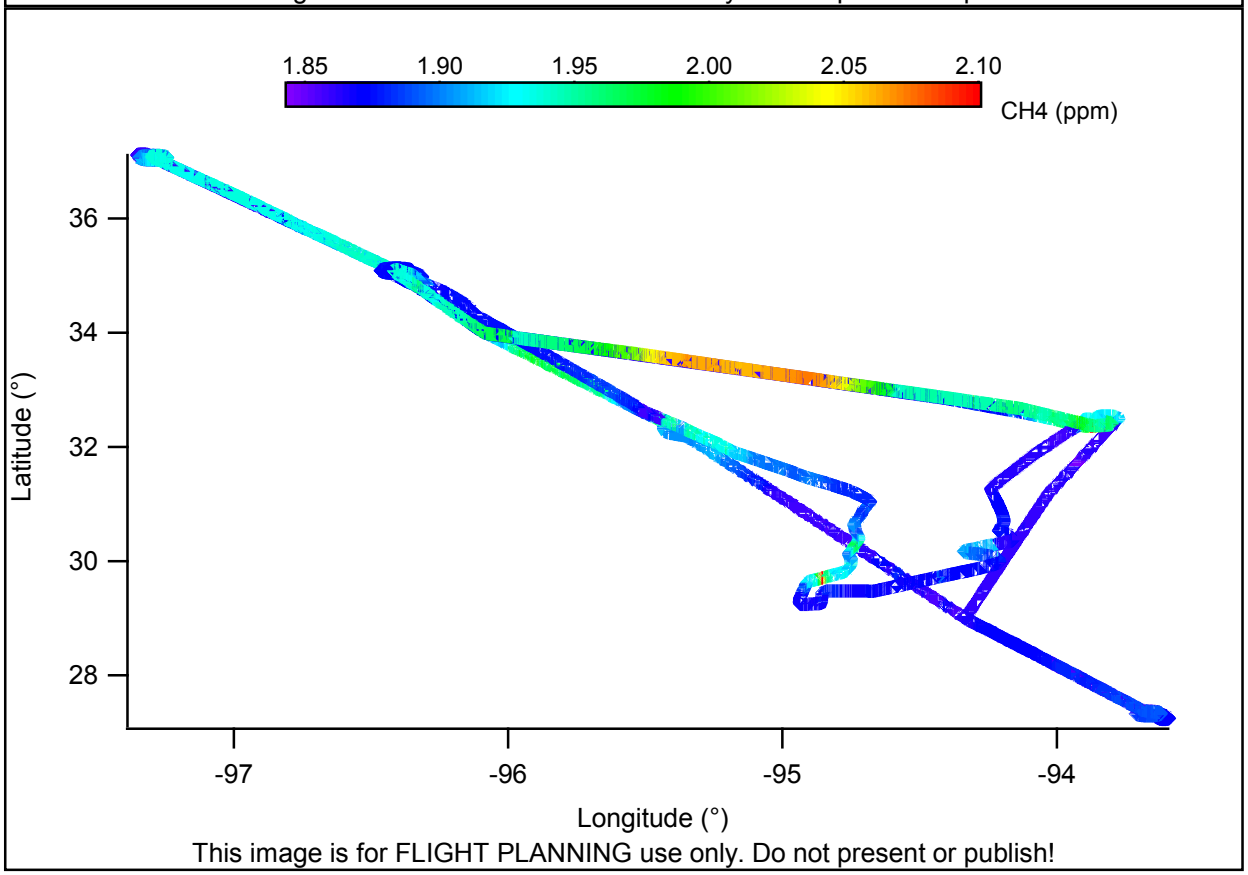

1.85
1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

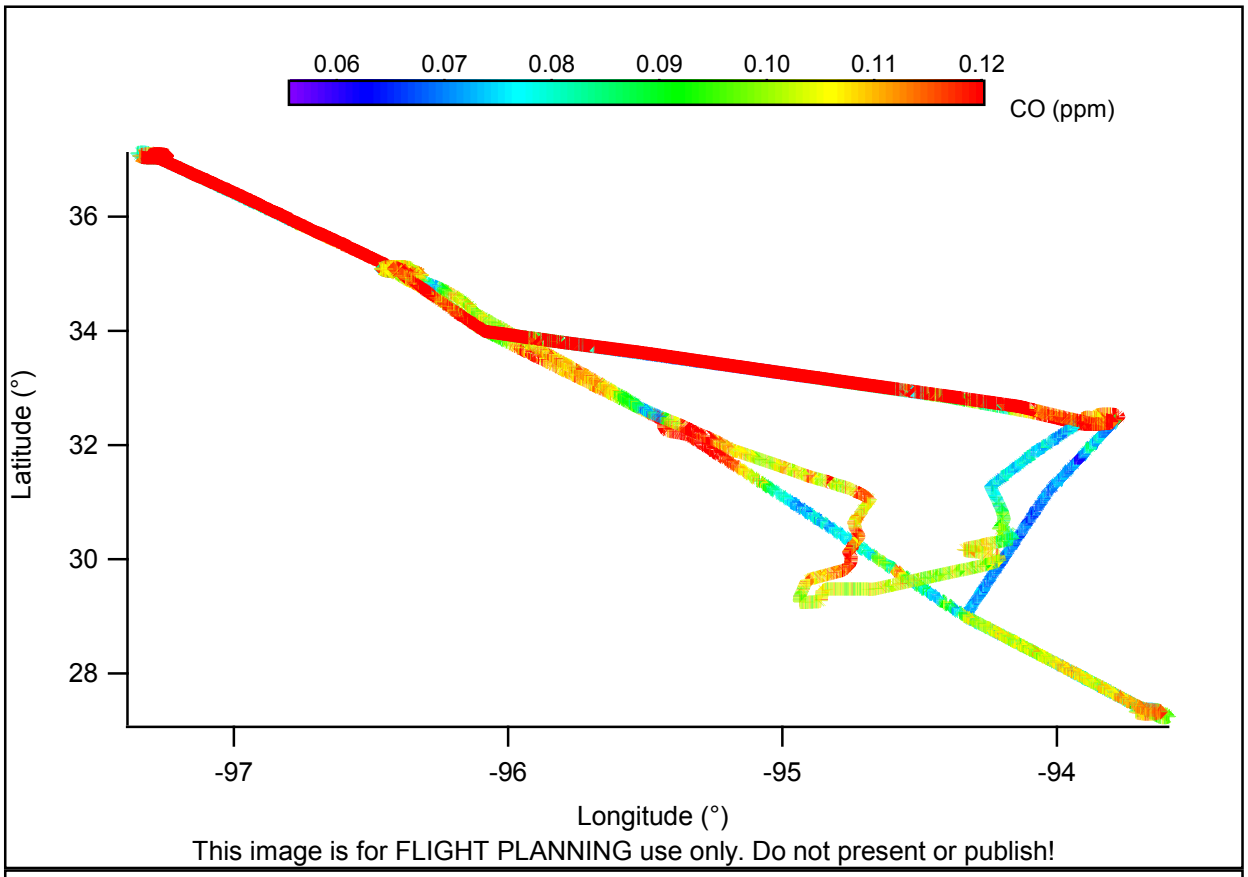

0.06
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
20
15
10
5
0
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

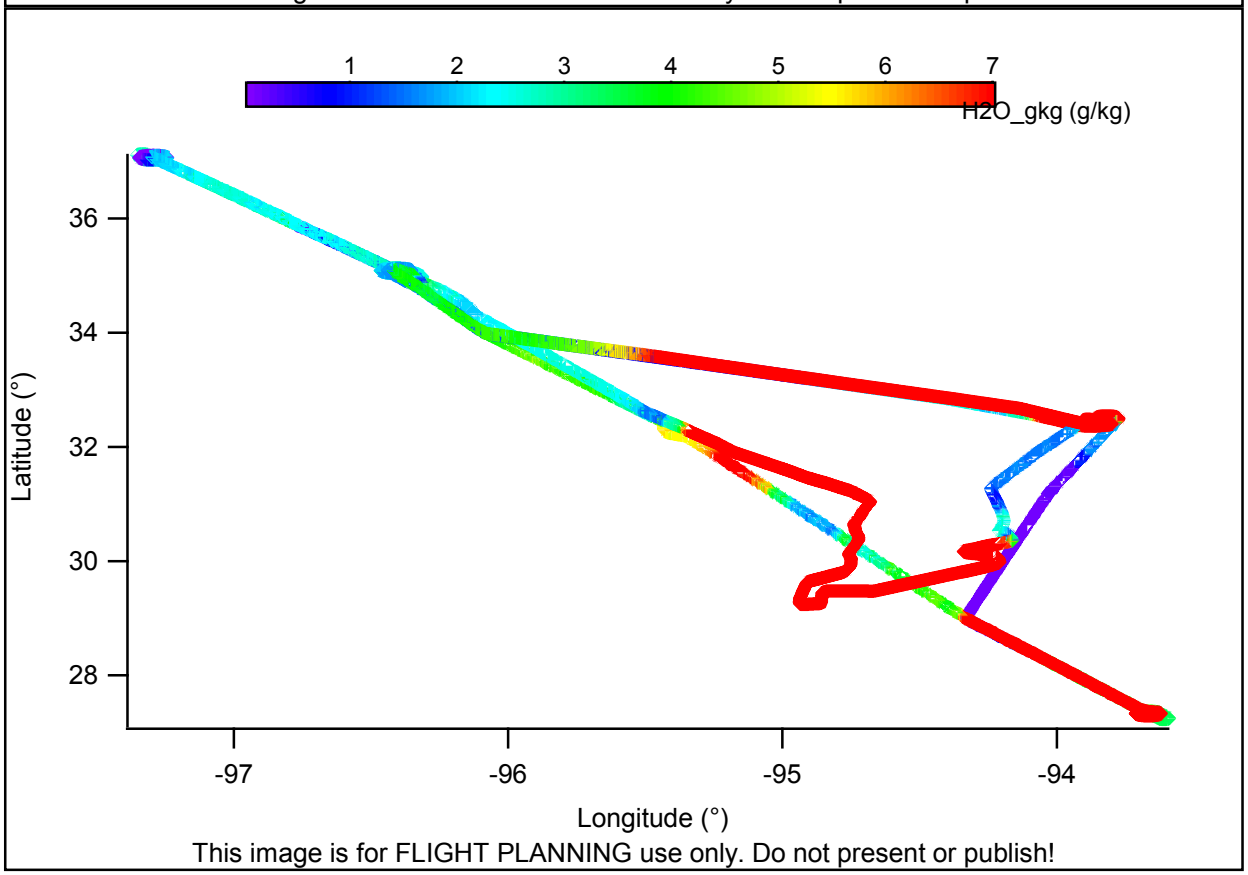

1
2
3
4
5
6
7
H2O_gkg (g/kg)
20
15
10
5
0
Pressure Altitude (kft)
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

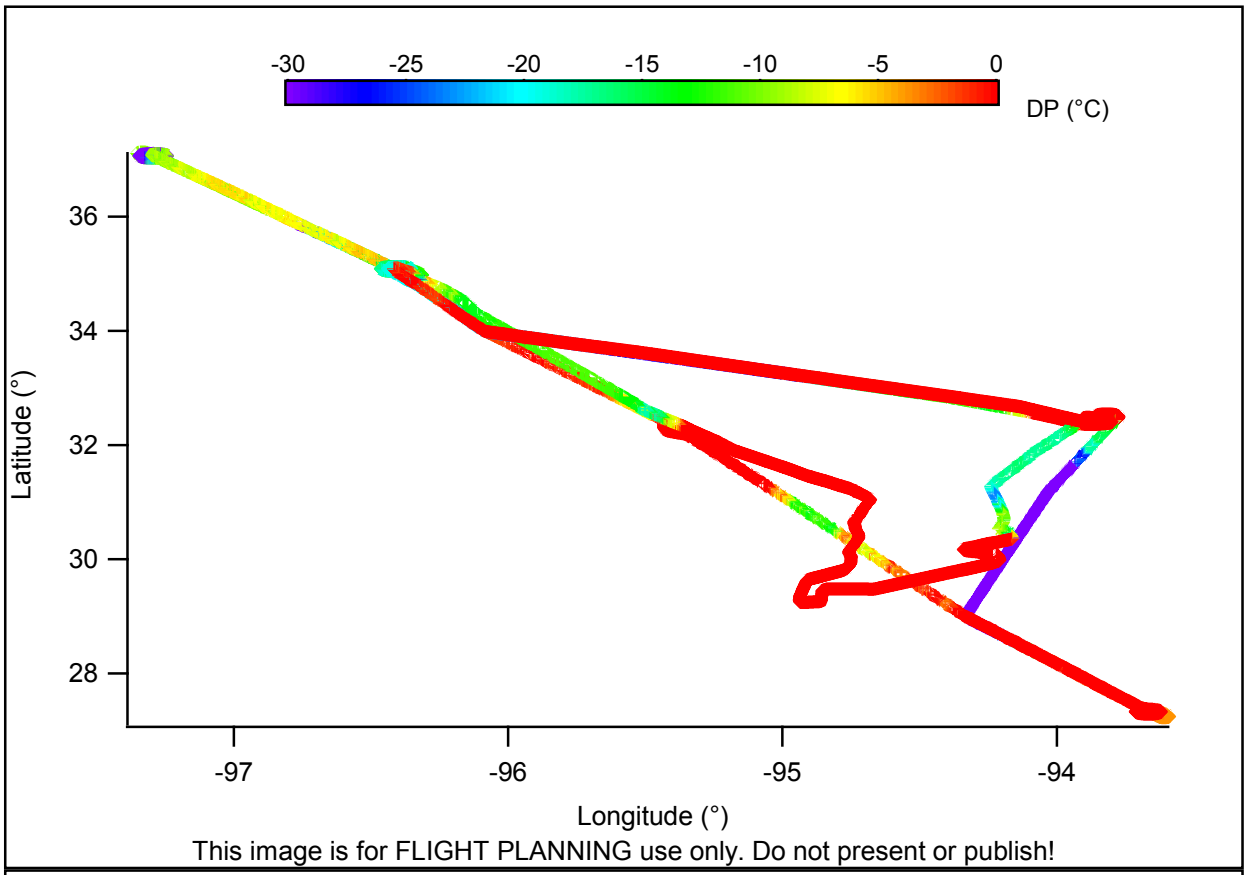

-30
-25
-20
-15
-10
-5
0
DP (°C)
20
15
10
5
0
Pressure Altitude (kft)
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

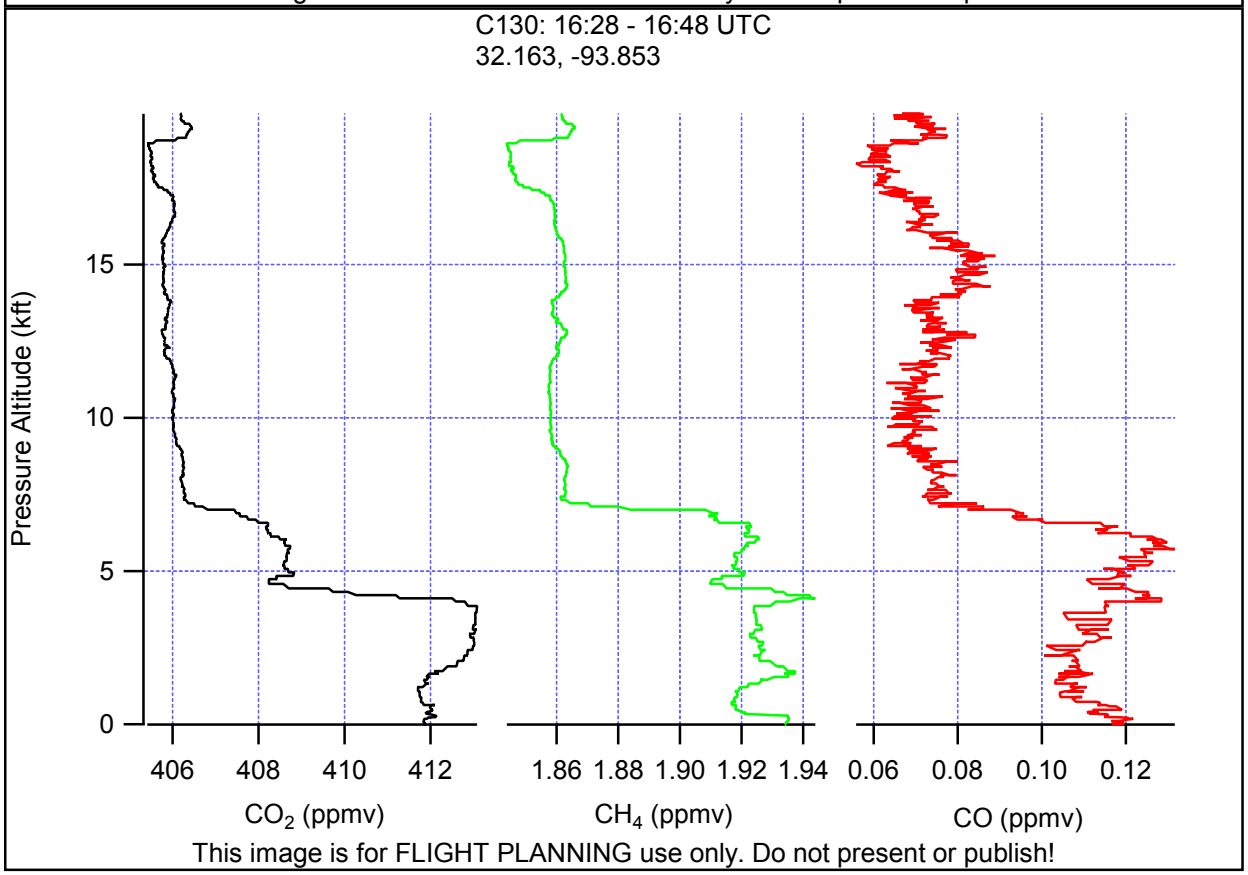

406
408
410
412
414
416
418
420
CO2 (ppm)
36
34
32
30
28
Latitude (°)
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

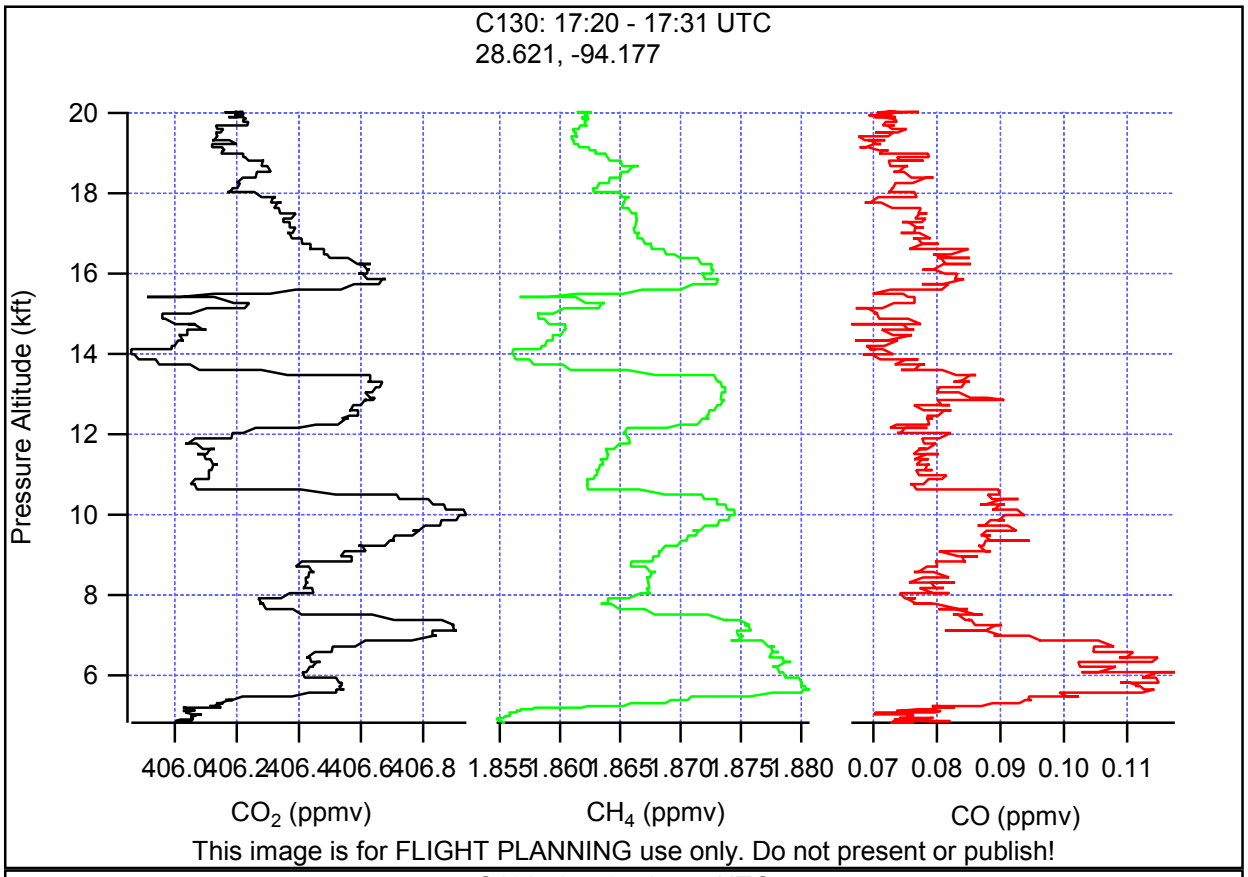

1.85
1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
36
34
32
30
28
Latitude (°)
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

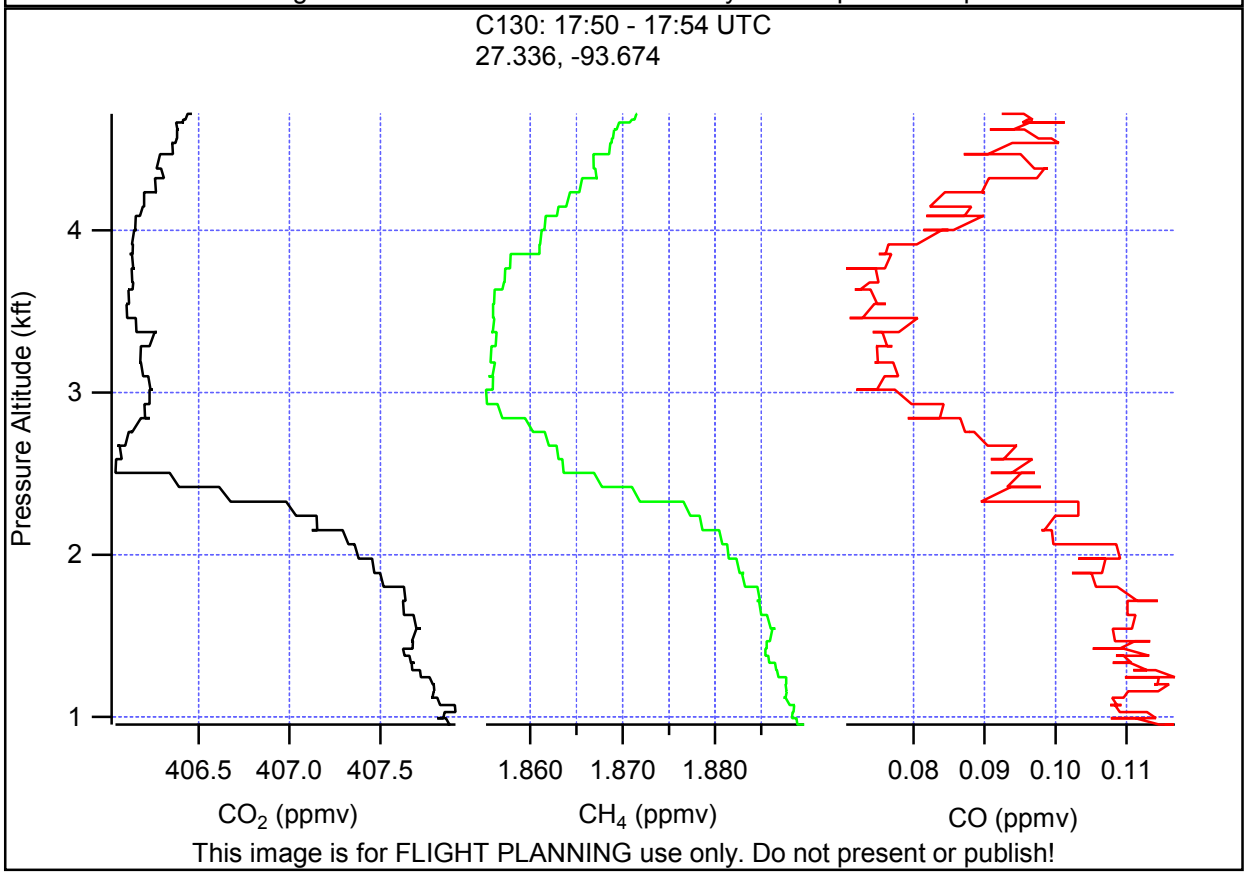

0.06
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
36
34
32
30
28
Latitude (°)
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

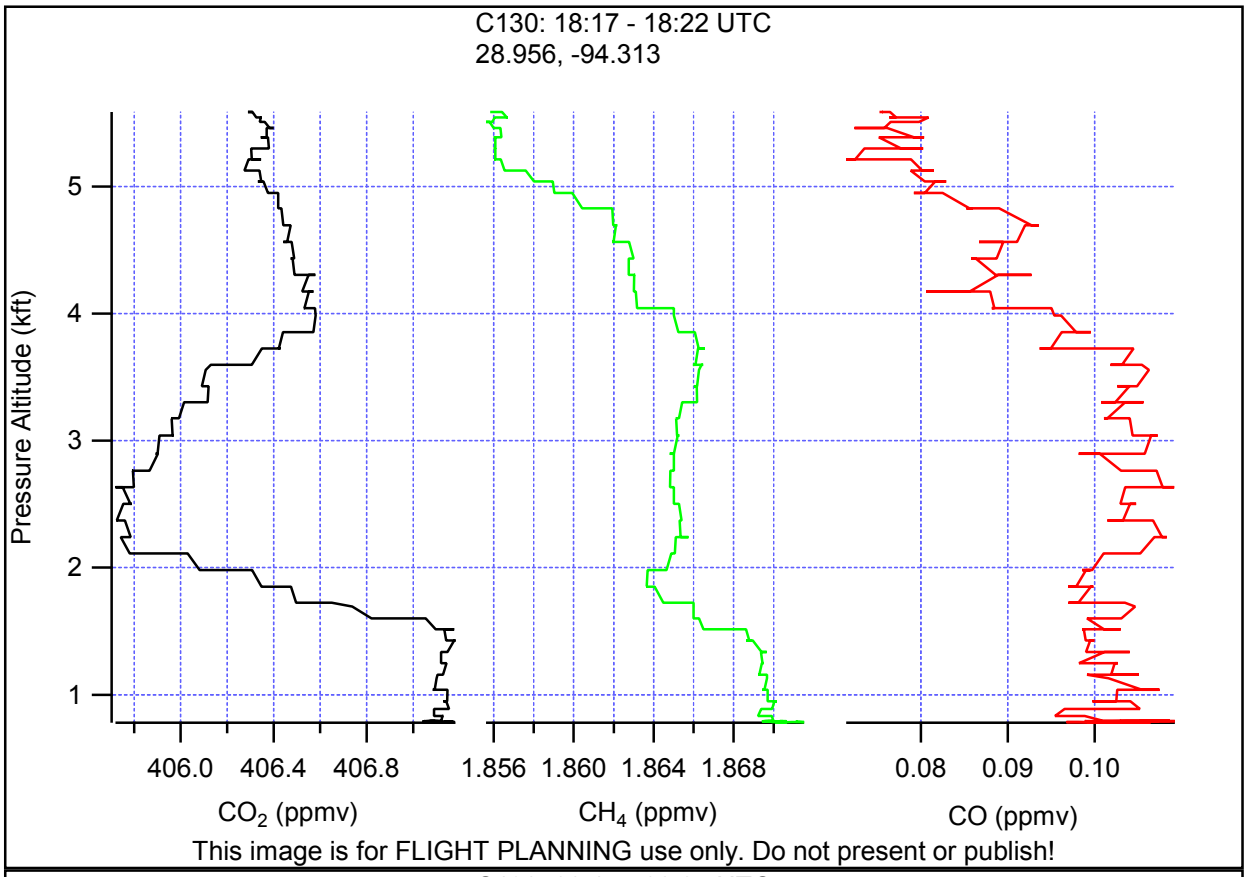

1
2
3
4
5
6
7
H2O_gkg (g/kg)
36
34
32
30
28
Latitude (°)
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

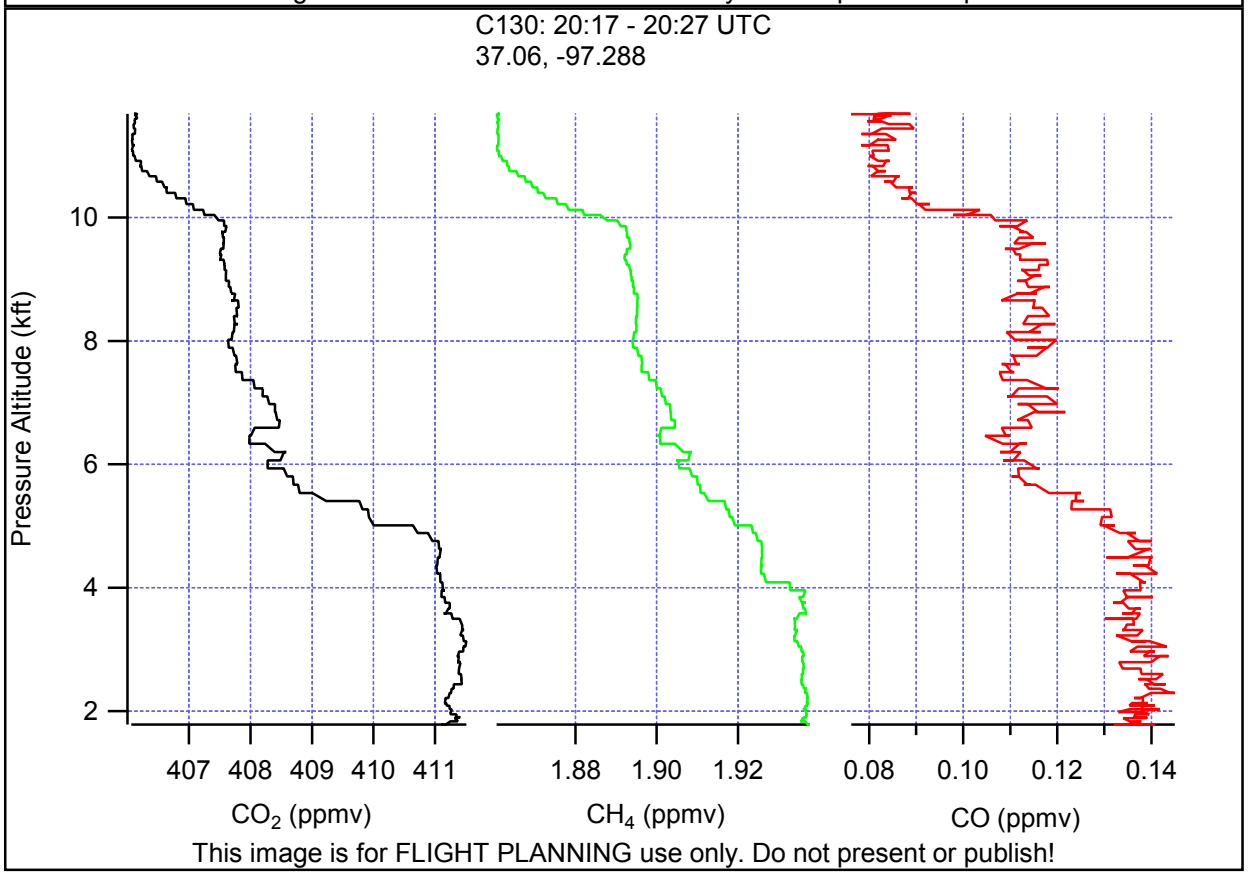

-30
-25
-20
-15
-10
-5
0
DP (°C)
36
34
32
30
28
Latitude (°)
-97
-96
-95
-94
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

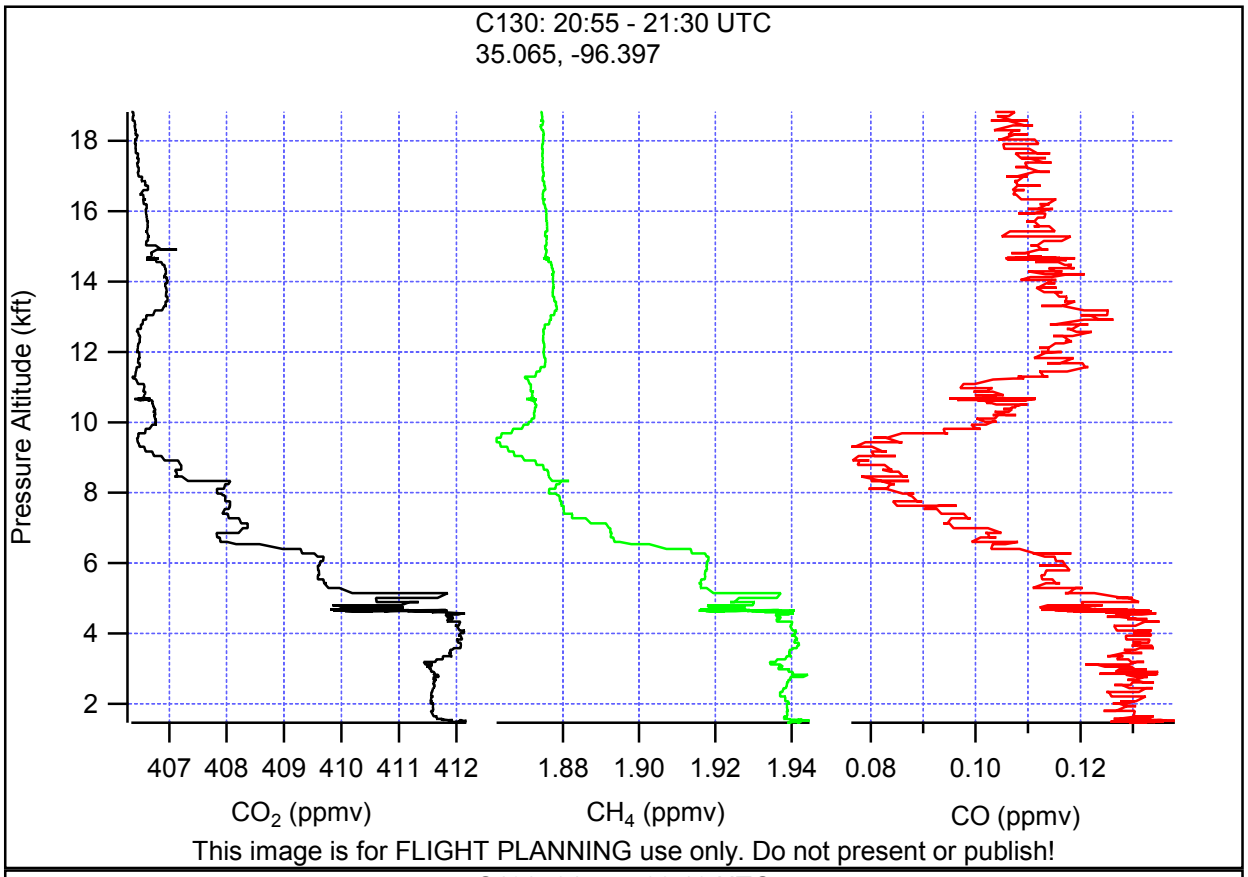

C130: 16:28 - 16:48 UTC
32.163, -93.853
15
10
5
0
Pressure Altitude (kft)
406
408
410
412
CO2 (ppmv)
1.86
1.88
1.90
1.92
1.94
CH4 (ppmv)
0.06
0.08
0.10
0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

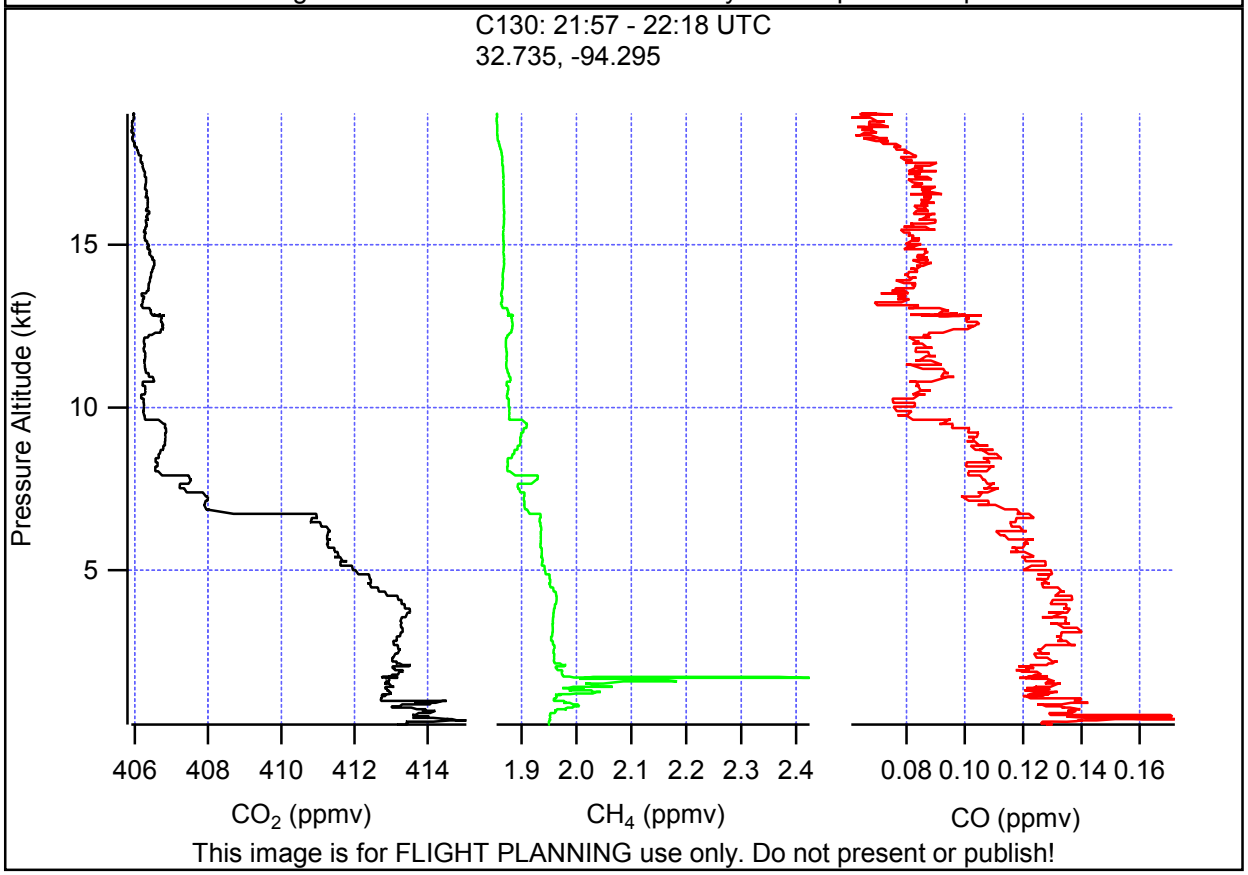

C130: 17:20 - 17:31 UTC
28.621, -94.177
Pressure Altitude (kft)
20
18
16
14
12
10
8
6
406.0 406.2 406.4 406.6 406.8
CO2 (ppmv)
1.855 1.860 1.865 1.870 1.875 1.880
CH4 (ppmv)
0.07 0.08 0.09 0.10 0.11
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

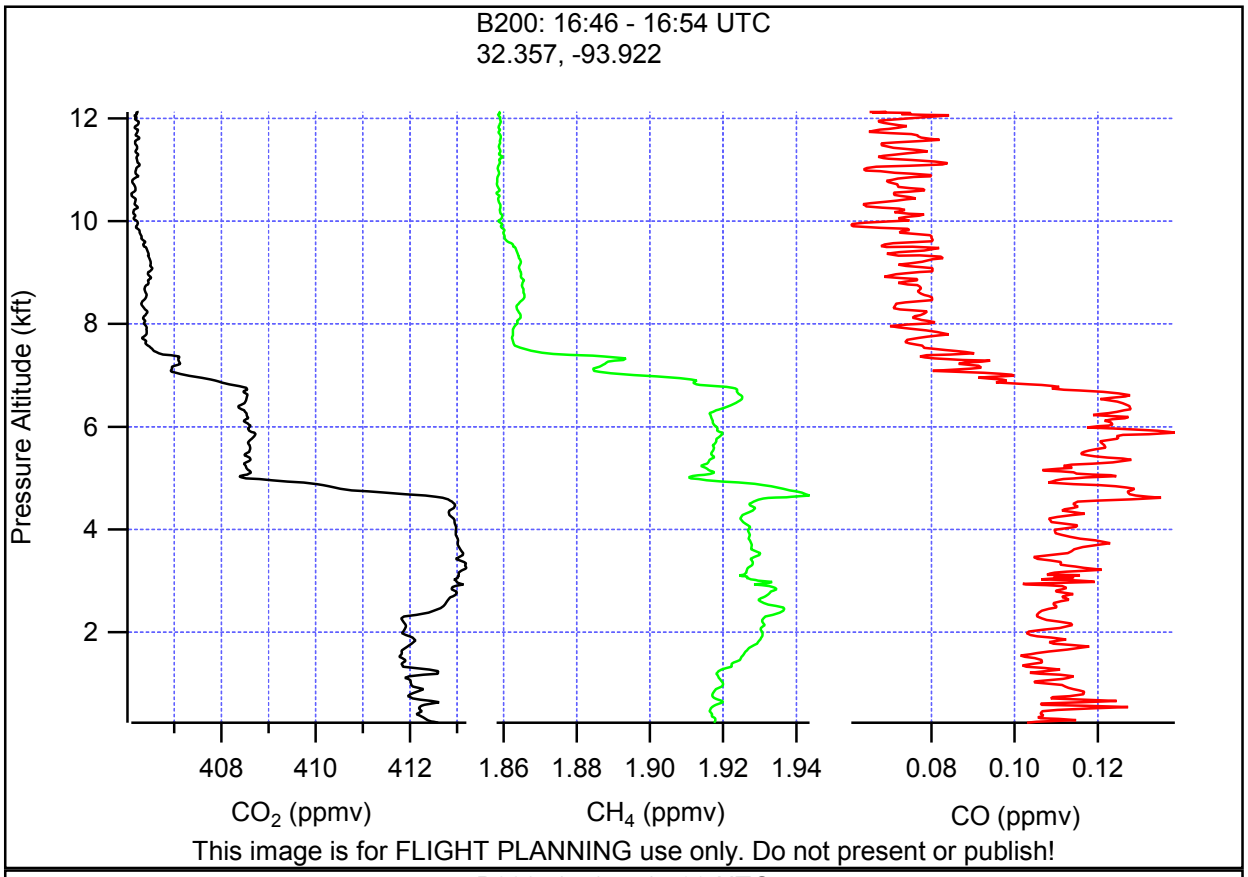

C130: 17:50 - 17:54 UTC
27.336, -93.674
Pressure Altitude (kft)
4
3
2
1
406.5 407.0 407.5
CO2 (ppmv)
1.860 1.870 1.880
CH4 (ppmv)
0.08 0.09 0.10 0.11
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

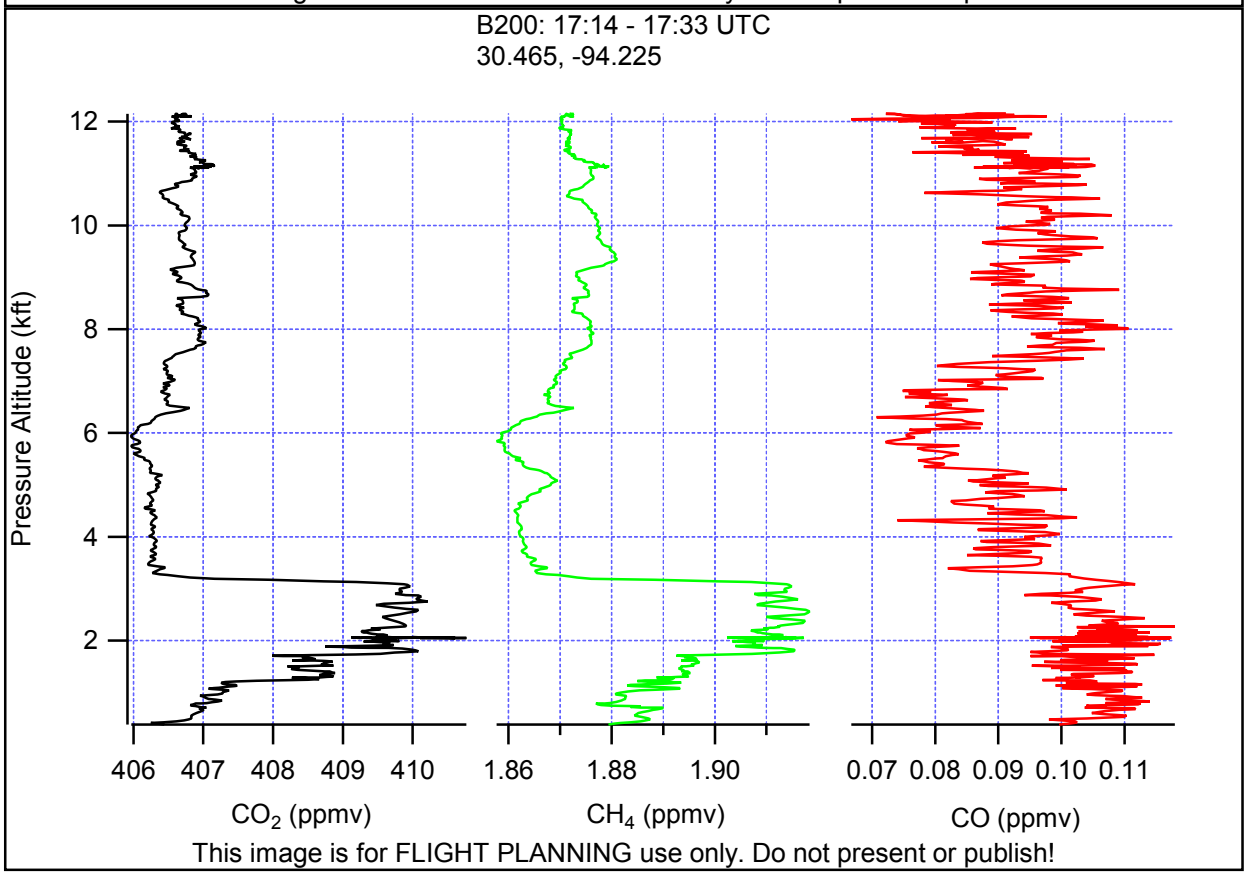

C130: 18:17 - 18:22 UTC
28.956, -94.313
Pressure Altitude (kft)
5
4
3
2
1
406.0
406.4
406.8
CO2 (ppmv)
1.856
1.860
1.864
1.868
CH4 (ppmv)
0.08
0.09
0.10
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

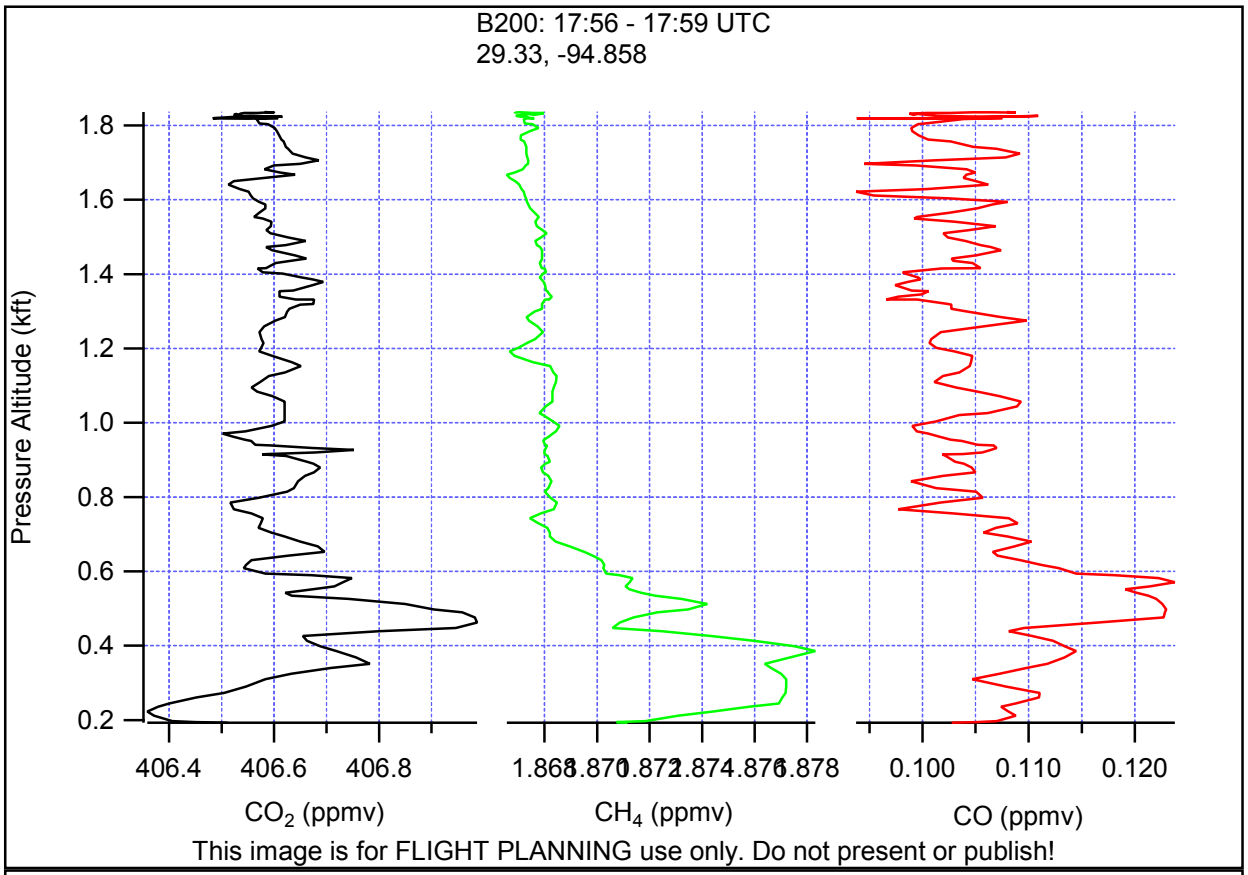

C130: 20:17 - 20:27 UTC
37.06, -97.288
Pressure Altitude (kft)
10
8
6
4
2
407
408
409
410
411
CO2 (ppmv)
1.88
1.90
1.92
CH4 (ppmv)
0.08
0.10
0.12
0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

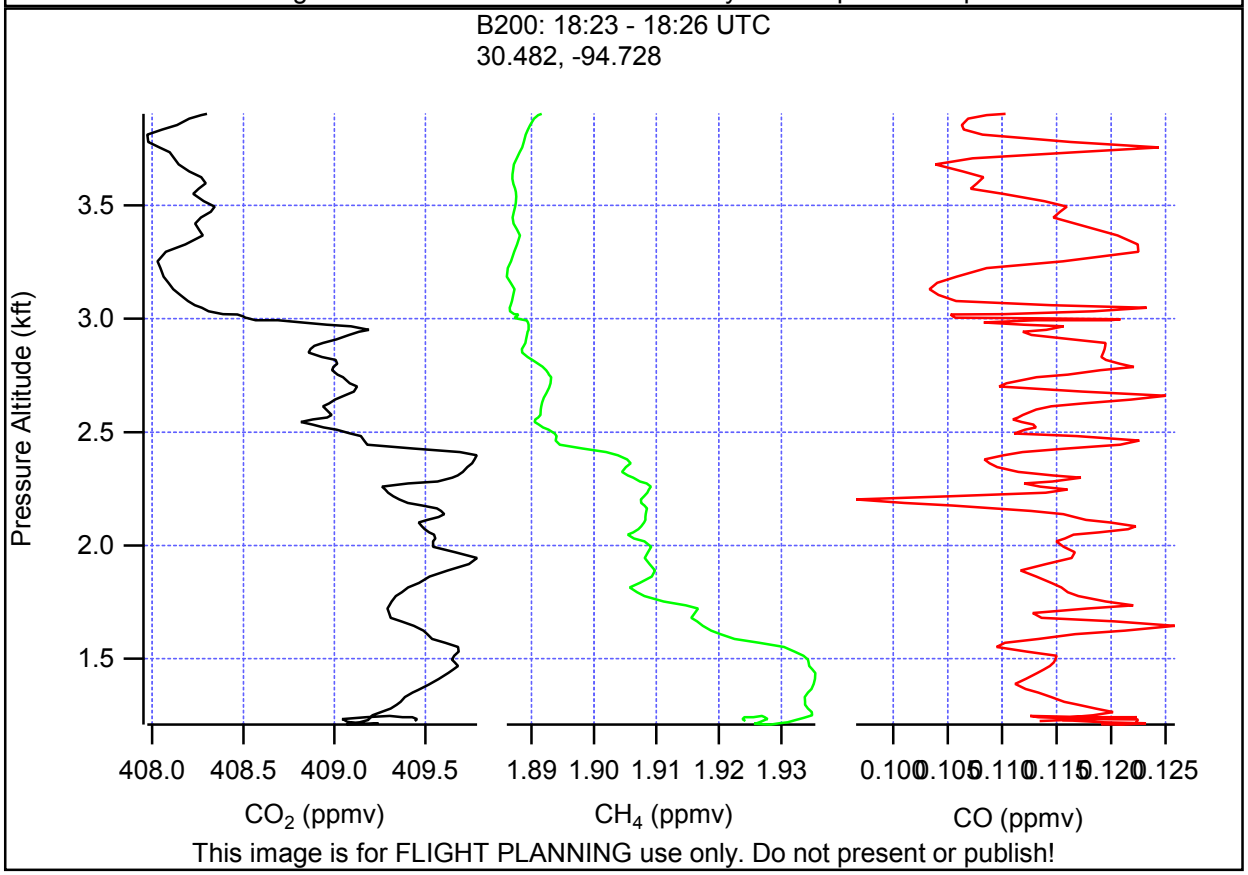

C130: 20:55 - 21:30 UTC
35.065, -96.397
Pressure Altitude (kft)
18
16
14
12
10
8
6
4
2
407 408 409 410 411 412
CO2 (ppmv)
1.88 1.90 1.92 1.94
CH4 (ppmv)
0.08 0.10 0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

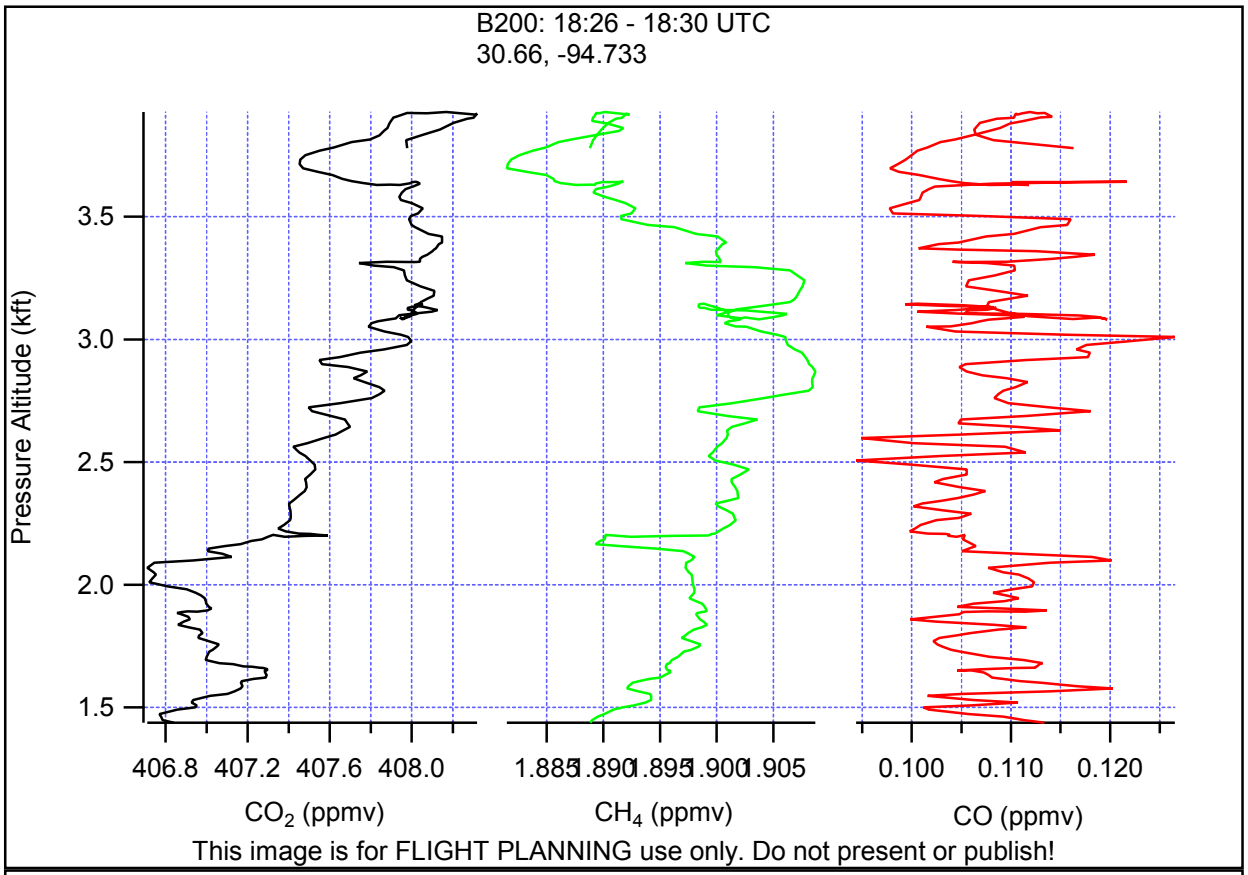

C130: 21:57 - 22:18 UTC
32.735, -94.295
Pressure Altitude (kft)
15
10
5
406 408 410 412 414
CO2 (ppmv)
1.9 2.0 2.1 2.2 2.3 2.4
CH4 (ppmv)
0.08 0.10 0.12 0.14 0.16
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

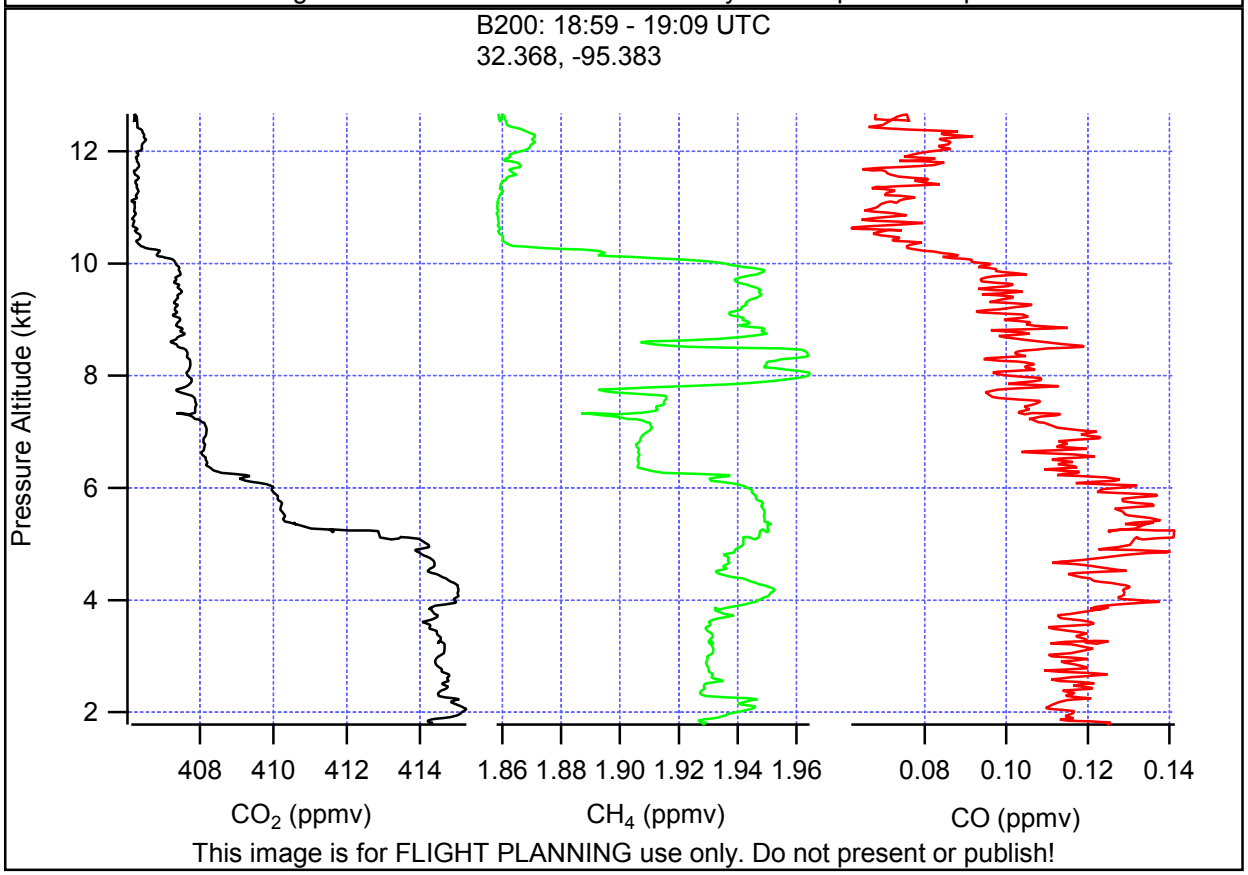

B200: 16:46 - 16:54 UTC
32.357, -93.922
Pressure Altitude (kft)
12
10
8
6
4
2
408
410
412
CO2 (ppmv)
1.86
1.88
1.90
1.92
1.94
CH4 (ppmv)
0.08
0.10
0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

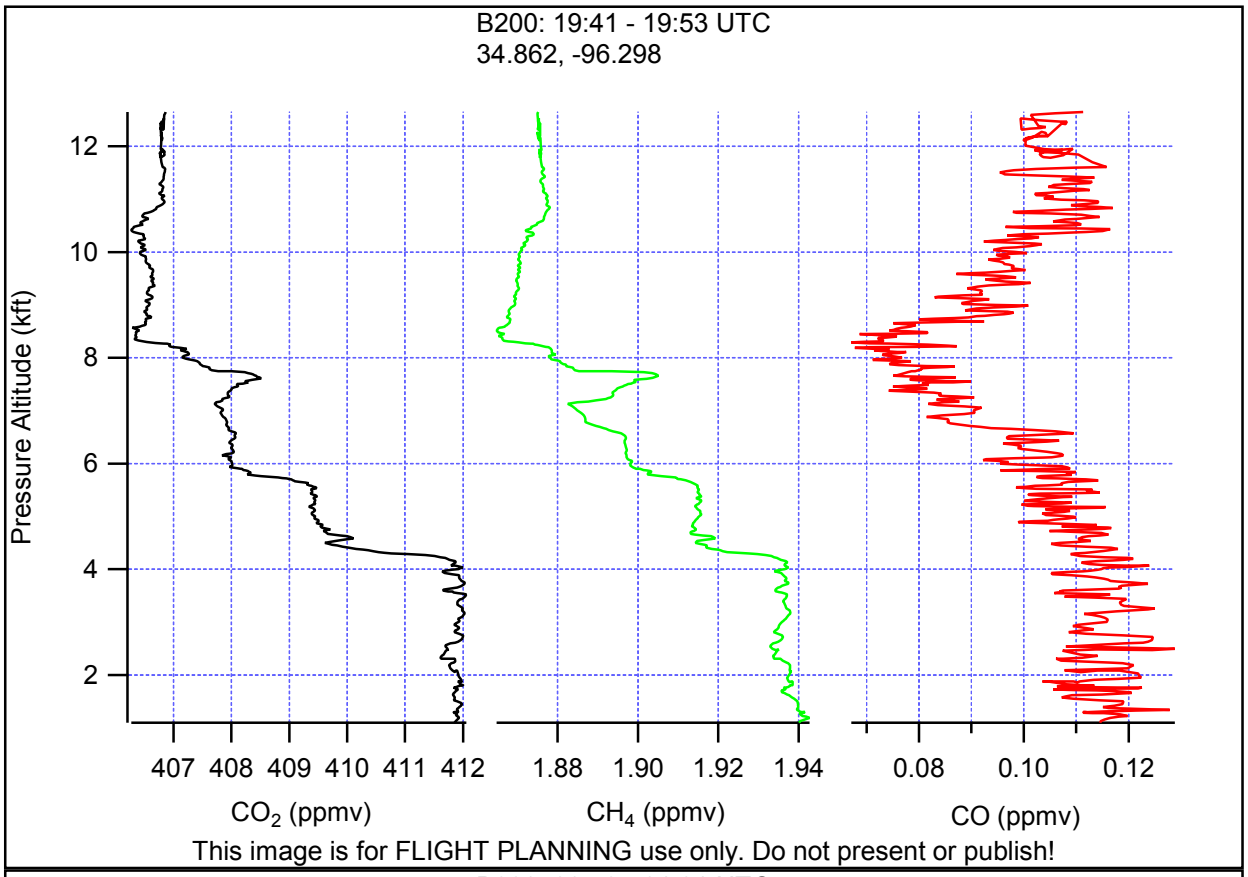

B200: 17:14 - 17:33 UTC
30.465, -94.225
Pressure Altitude (kft)
12
10
8
6
4
2
406
407
408
409
410
CO2 (ppmv)
1.86
1.88
1.90
CH4 (ppmv)
0.07
0.08
0.09
0.10
0.11
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

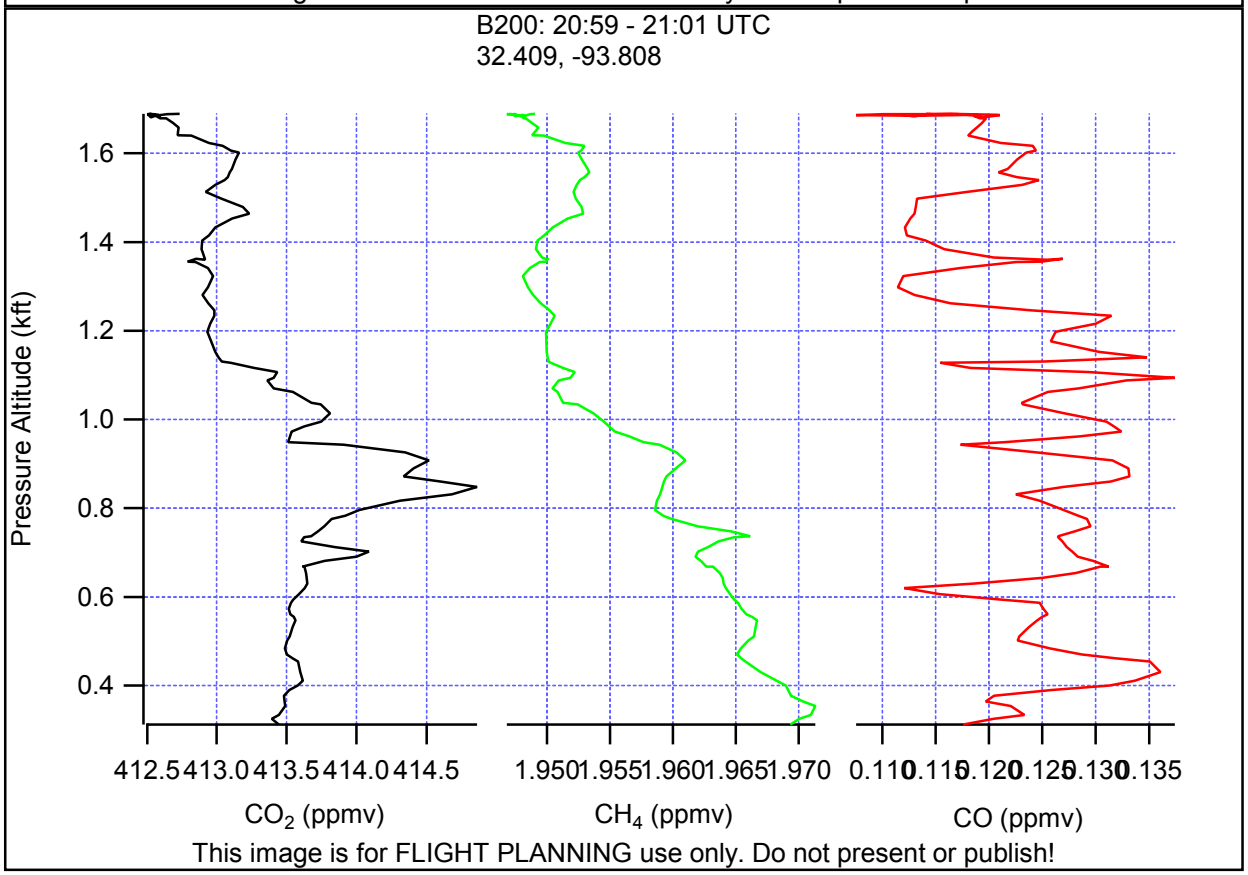

B200: 17:56 - 17:59 UTC
29.33, -94.858
Pressure Altitude (kft)
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
406.4
406.6
406.8
CO2 (ppmv)
1.868
1.870
1.872
1.874
1.876
1.878
CH4 (ppmv)
0.100
0.110
0.120
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

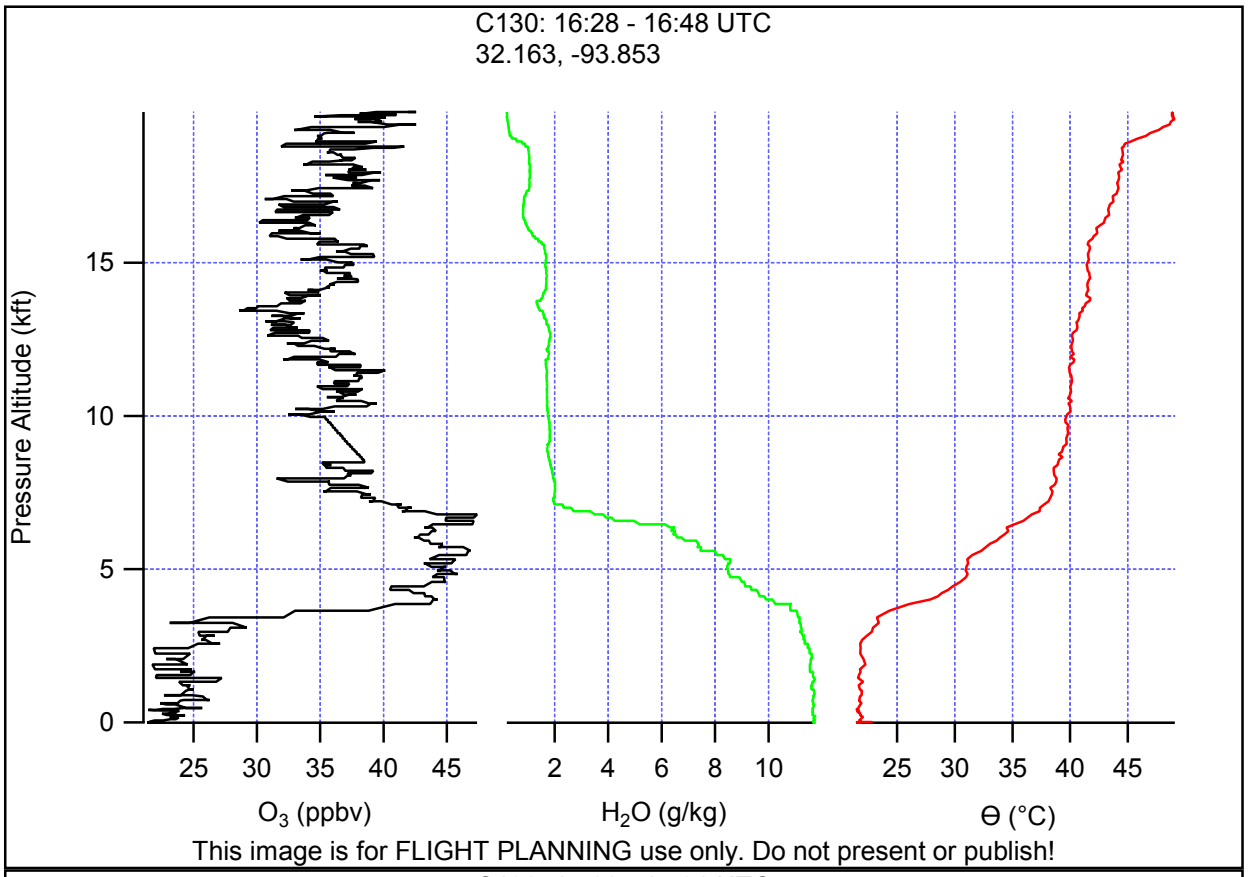

B200: 18:23 - 18:26 UTC
30.482, -94.728
Pressure Altitude (kft)
3.5
3.0
2.5
2.0
1.5
408.0
408.5
409.0
409.5
CO2 (ppmv)
1.89
1.90
1.91
1.92
1.93
CH4 (ppmv)
0.100
0.105
0.110
0.115
0.120
0.125
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

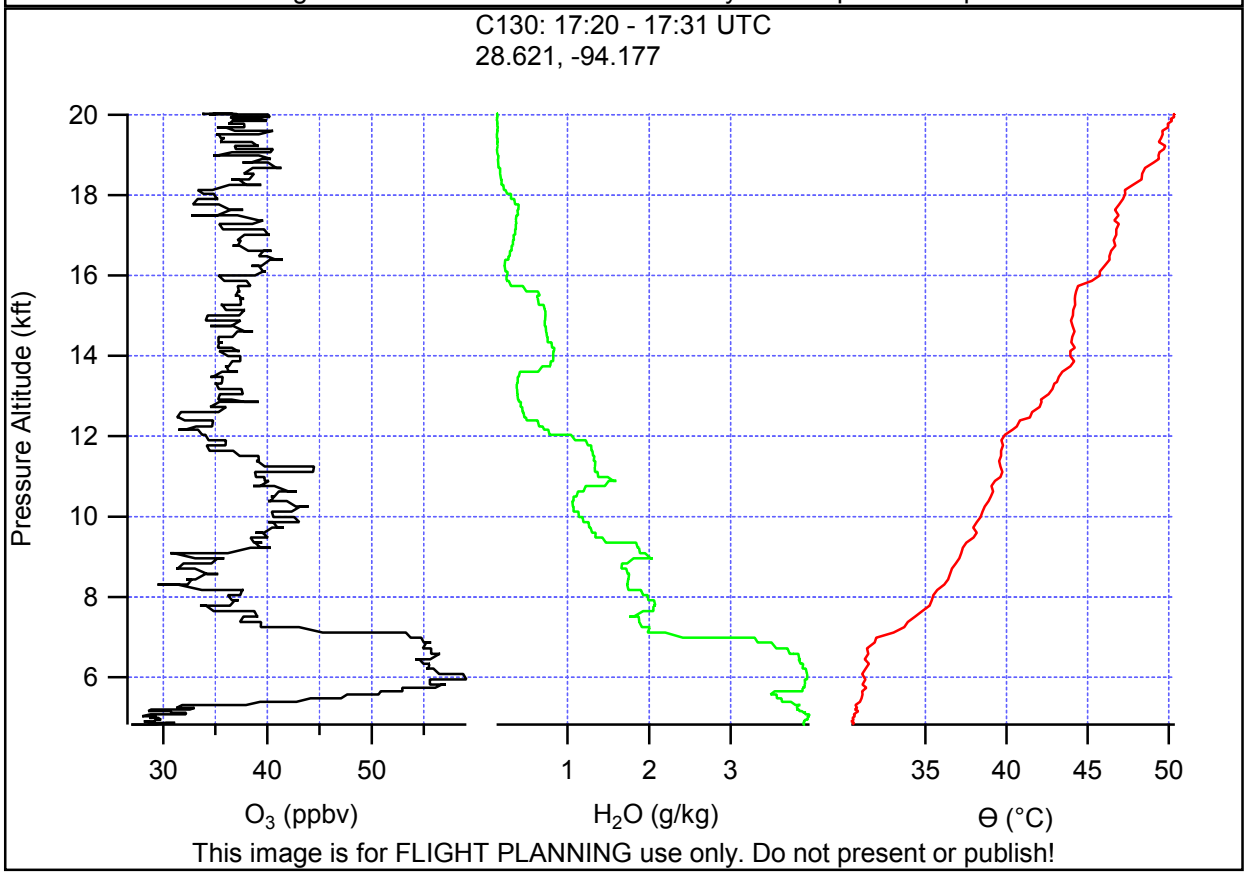

B200: 18:26 - 18:30 UTC
30.66, -94.733
Pressure Altitude (kft)
3.5
3.0
2.5
2.0
1.5
406.8 407.2 407.6 408.0
CO2 (ppmv)
1.885 1.890 1.895 1.900 1.905
CH4 (ppmv)
0.100 0.110 0.120
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

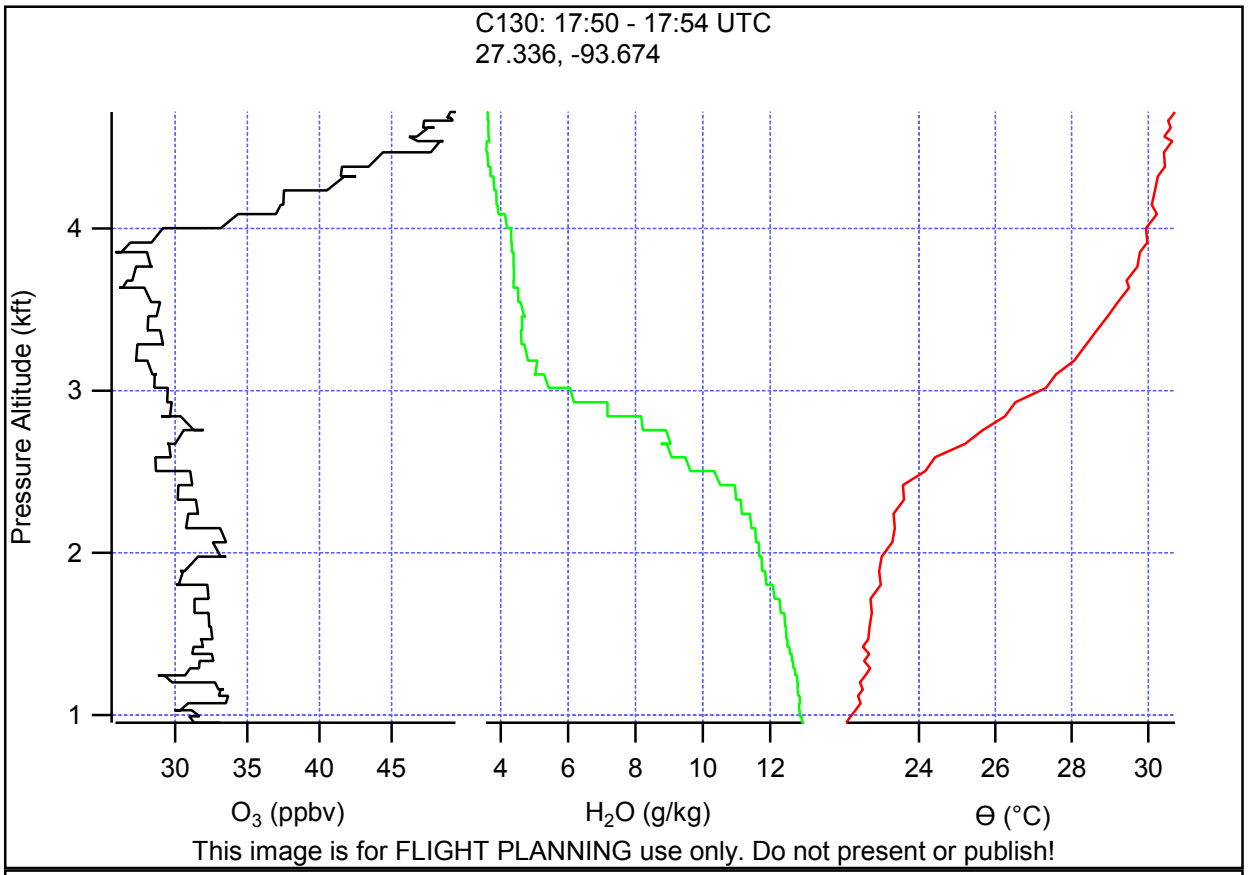

B200: 18:59 - 19:09 UTC
32.368, -95.383
Pressure Altitude (kft)
12
10
8
6
4
2
408 410 412 414
CO2 (ppmv)
1.86 1.88 1.90 1.92 1.94 1.96
CH4 (ppmv)
0.08 0.10 0.12 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:41 - 19:53 UTC
34.862, -96.298
Pressure Altitude (kft)
12
10
8
6
4
2
407 408 409 410 411 412
CO2 (ppmv)
1.88 1.90 1.92 1.94
CH4 (ppmv)
0.08 0.10 0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 20:59 - 21:01 UTC
32.409, -93.808
Pressure Altitude (kft)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
412.5 413.0 413.5 414.0 414.5
CO2 (ppmv)
1.950 1.955 1.960 1.965 1.970
CH4 (ppmv)
0.110 0.115 0.120 0.125 0.130 0.135
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:28 - 16:48 UTC
32.163, -93.853
Pressure Altitude (kft)
0
5
10
15
25 30 35 40 45
O3 (ppbv)
2 4 6 8 10
H2O (g/kg)
25 30 35 40 45
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:20 - 17:31 UTC
28.621, -94.177
Pressure Altitude (kft)
6
8
10
12
14
16
18
20
30 40 50
O3 (ppbv)
1 2 3
H2O (g/kg)
35 40 45 50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:50 - 17:54 UTC
27.336, -93.674
Pressure Altitude (kft)
1
2
3
4
30
35
40
45
O_3 (ppbv)
4
6
8
10
12
H_2O (g/kg)
24
26
28
30
Θ (°C)
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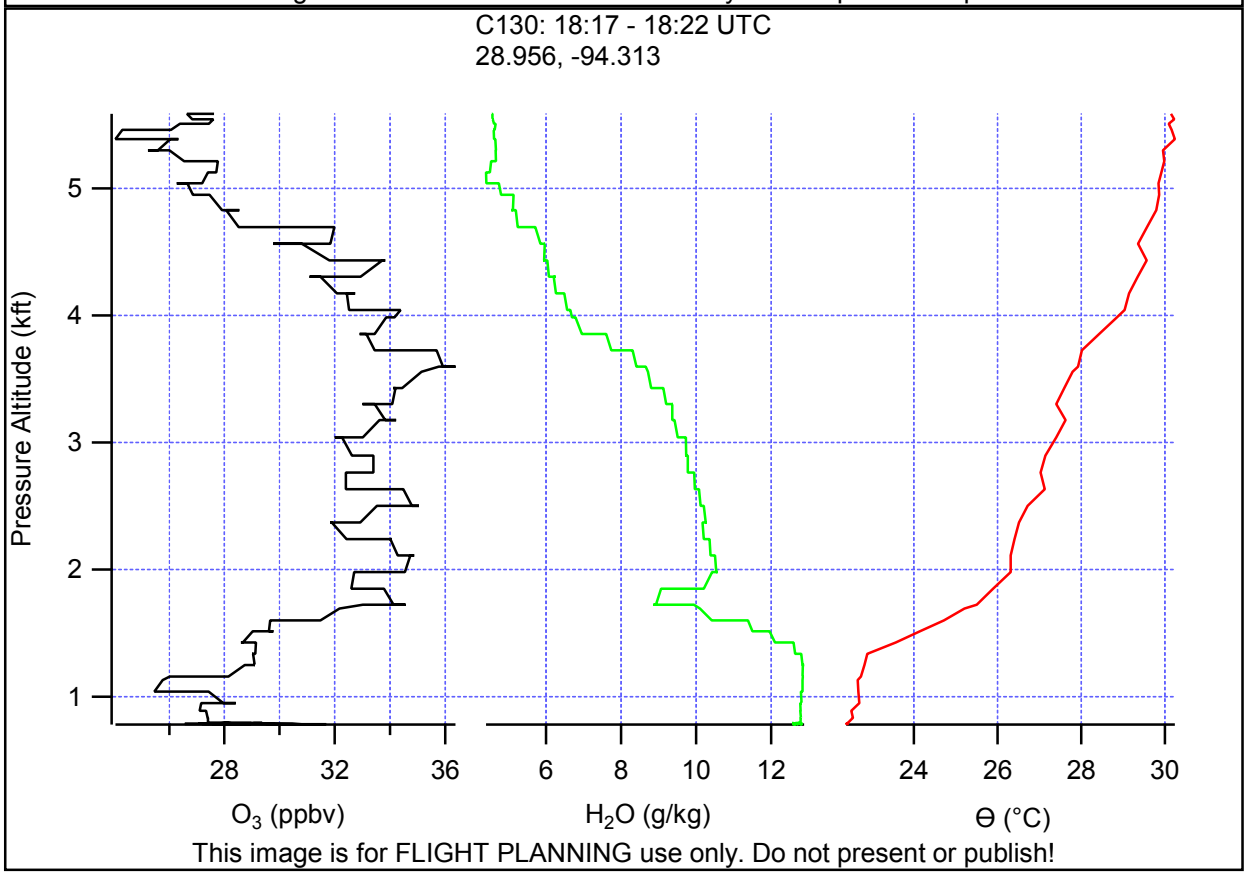
C130: 18:17 - 18:22 UTC
28.956, -94.313
Pressure Altitude (kft)
1
2
3
4
5
28
32
36
O_3 (ppbv)
6
8
10
12
H_2O (g/kg)
24
26
28
30
Θ (°C)
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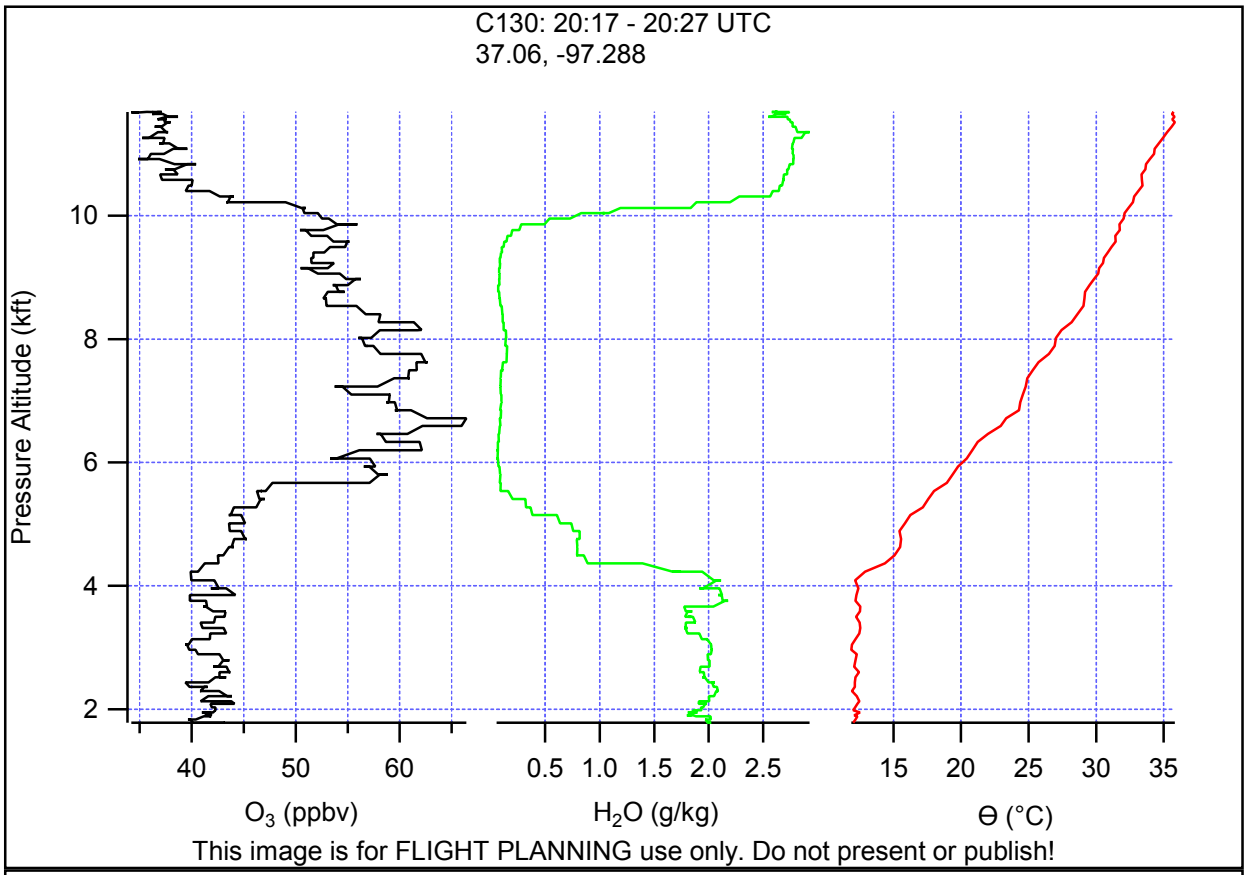
C130: 20:17 - 20:27 UTC
37.06, -97.288
Pressure Altitude (kft)
10
8
6
4
2
40
50
60
O3 (ppbv)
0.5
1.0
1.5
2.0
2.5
H2O (g/kg)
15
20
25
30
35
Θ (°C)
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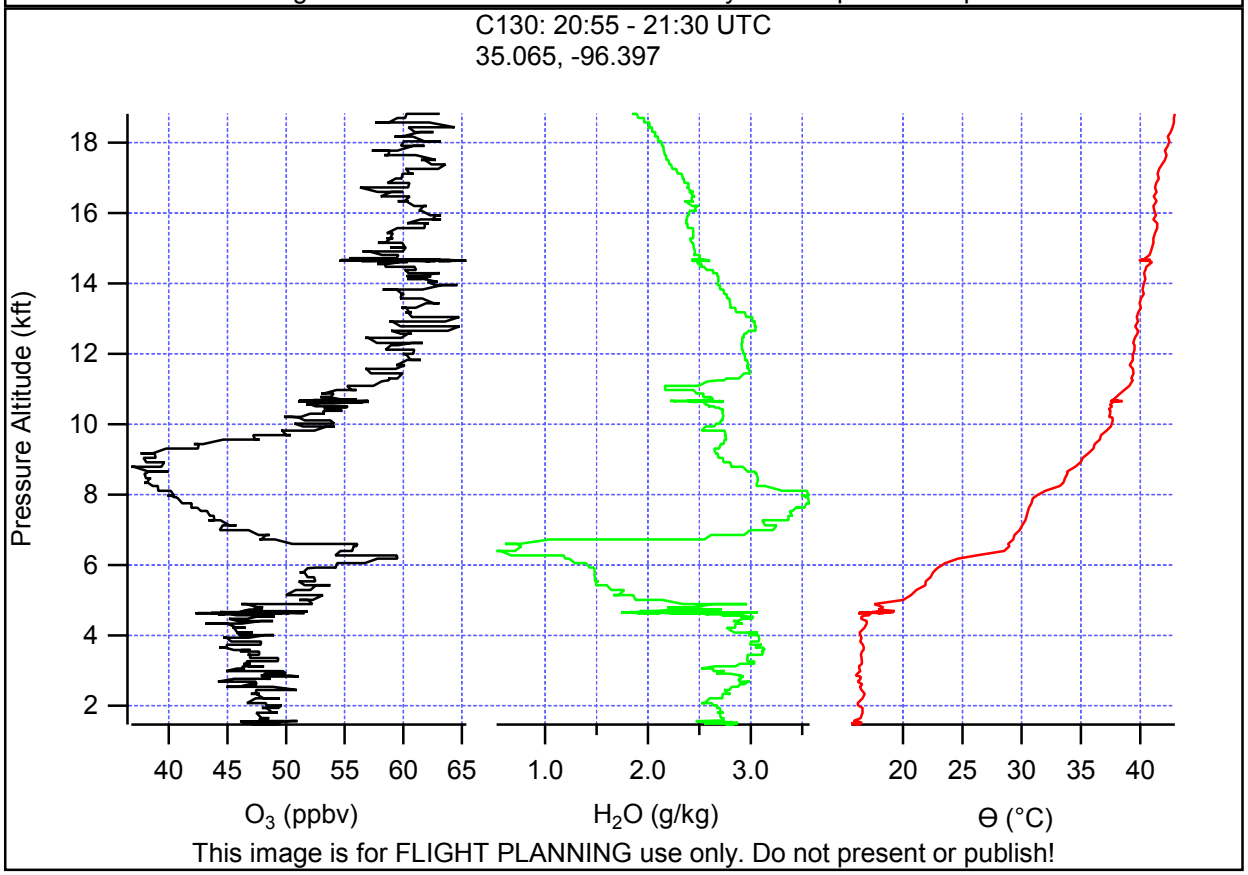
C130: 20:55 - 21:30 UTC
35.065, -96.397
Pressure Altitude (kft)
18
16
14
12
10
8
6
4
2
40
45
50
55
60
65
O3 (ppbv)
1.0
2.0
3.0
H2O (g/kg)
20
25
30
35
40
Θ (°C)
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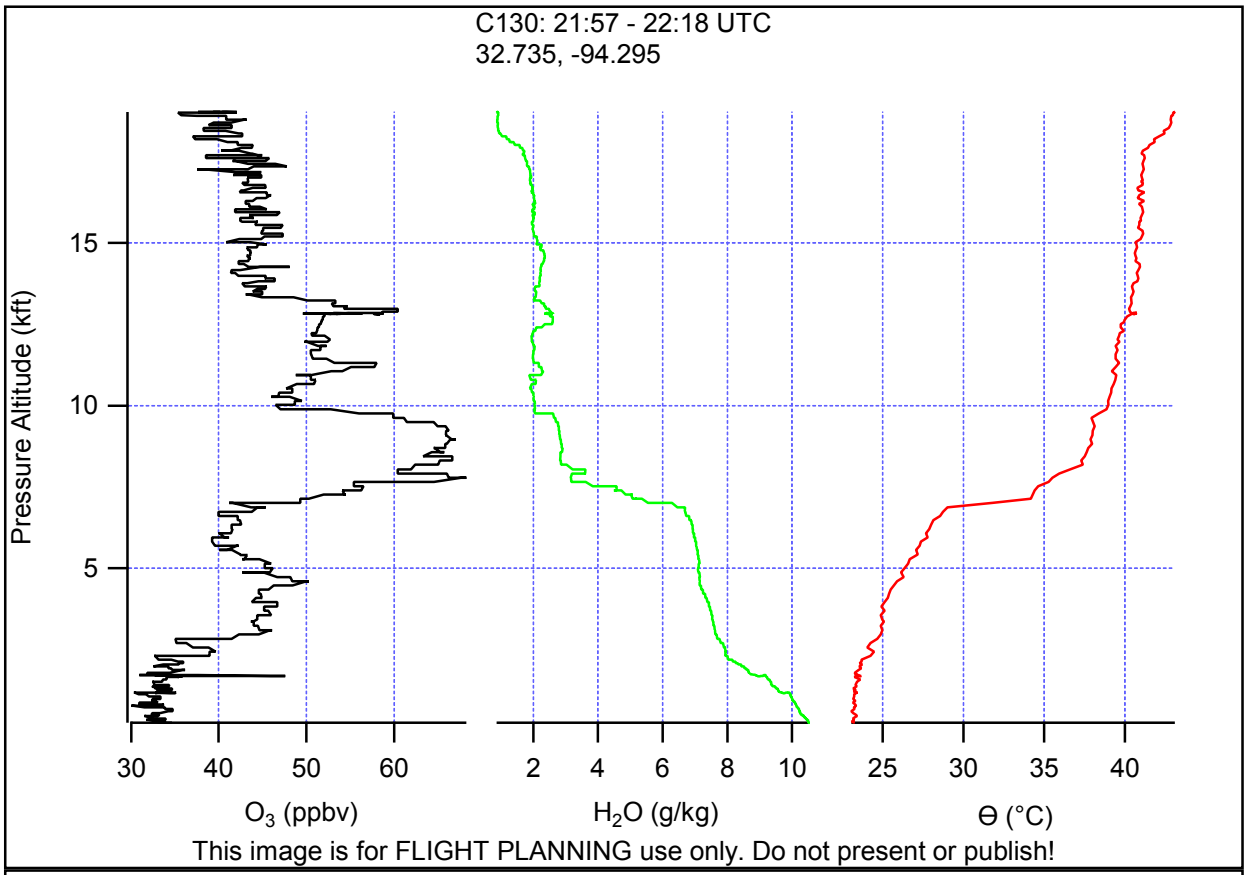
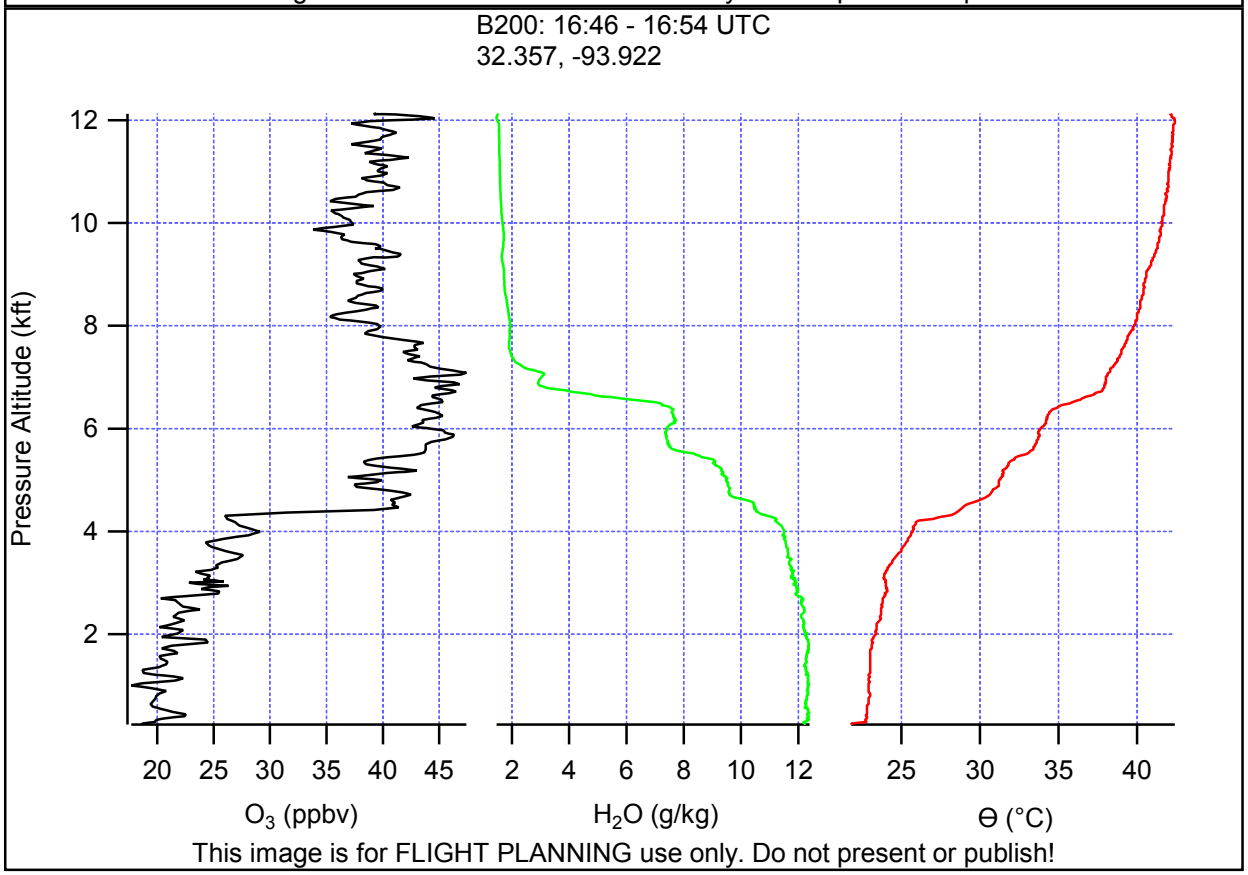
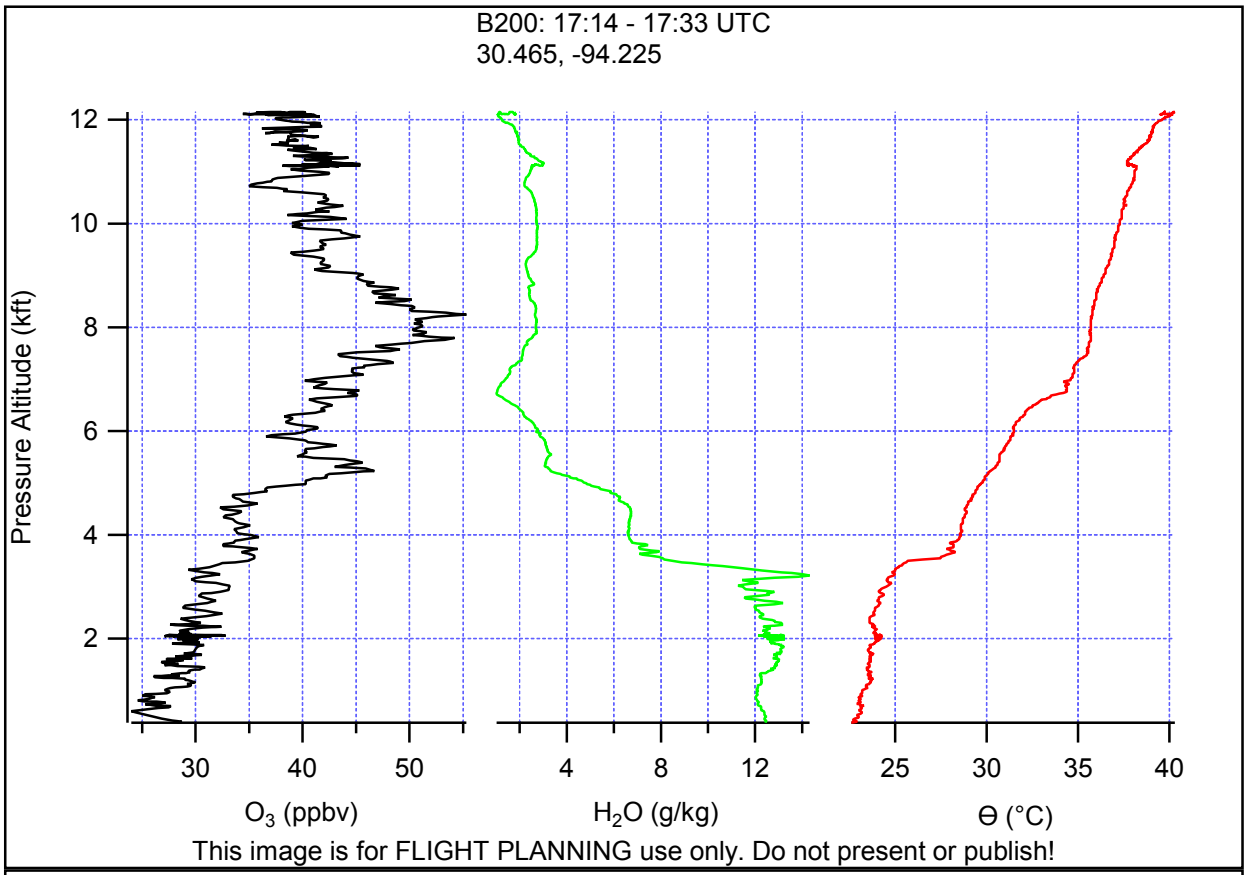
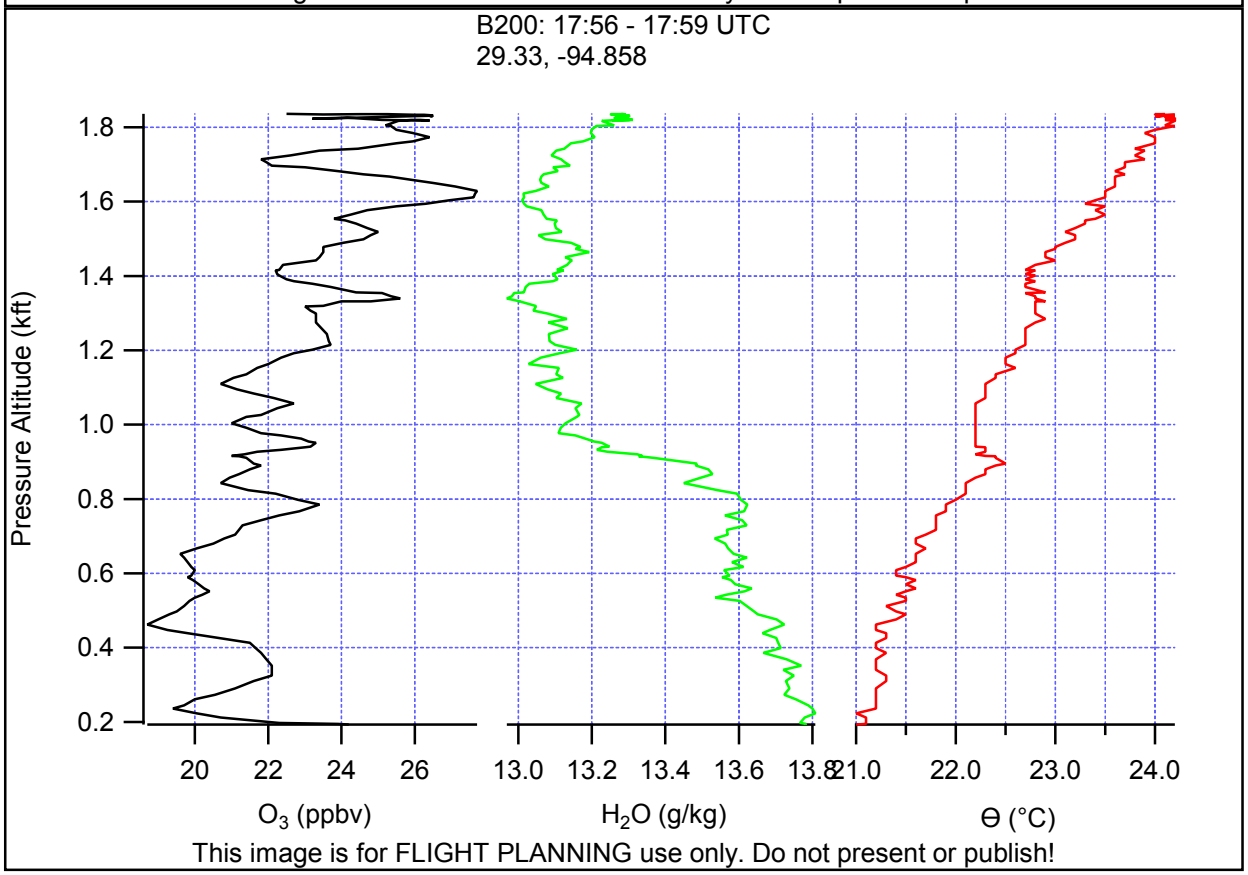
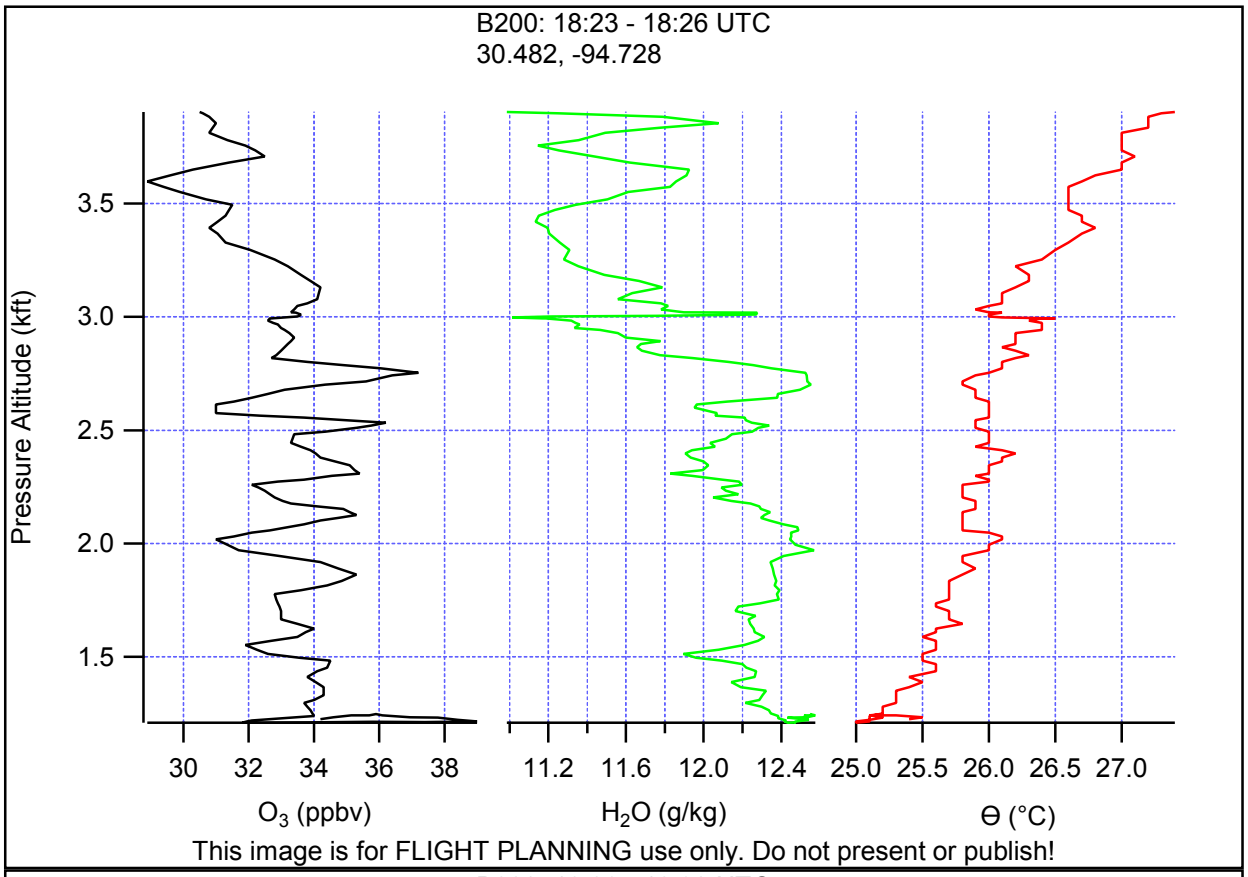
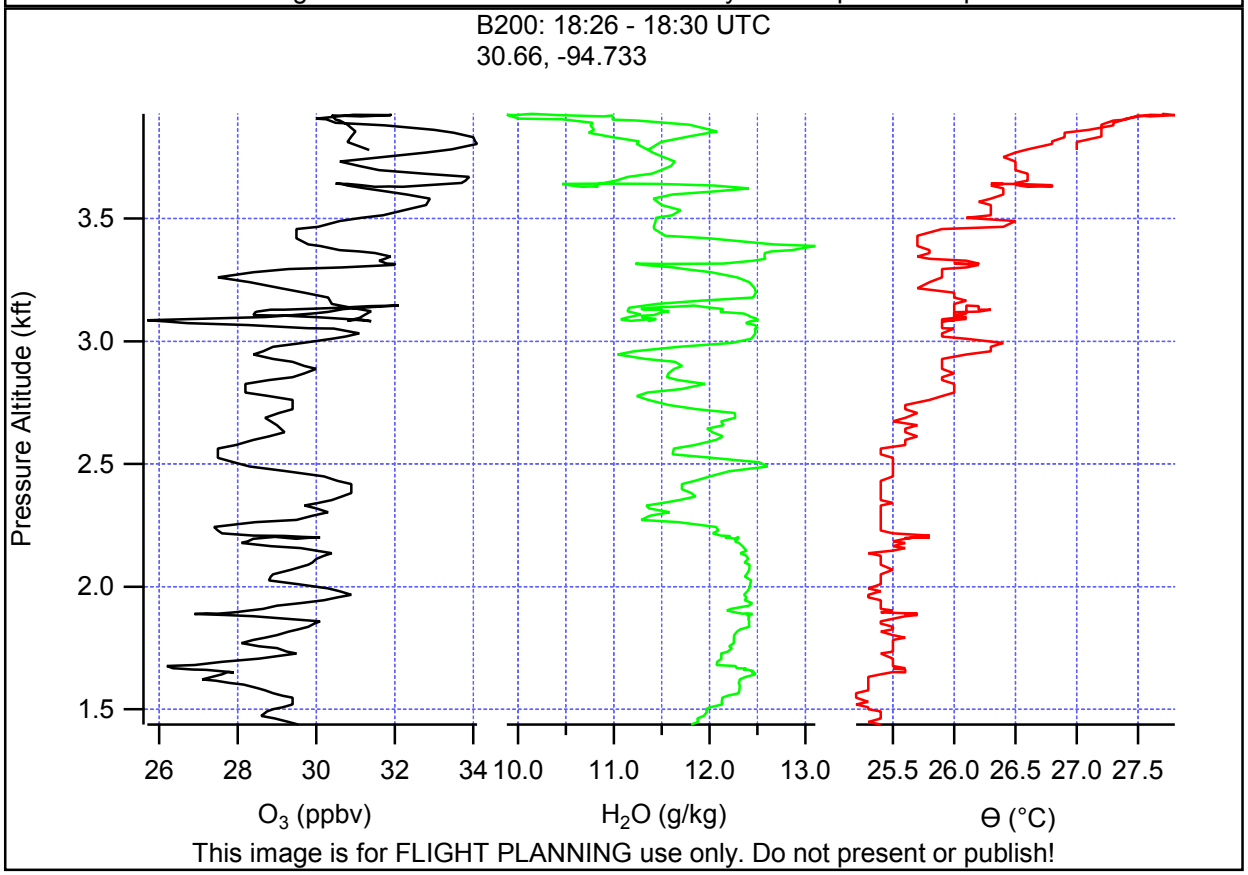

C130: 21:57 - 22:18 UTC
32.735, -94.295
Pressure Altitude (kft)
15
10
5
30
40
50
60
O_3 (ppbv)
2
4
6
8
10
H_2O (g/kg)
25
30
35
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

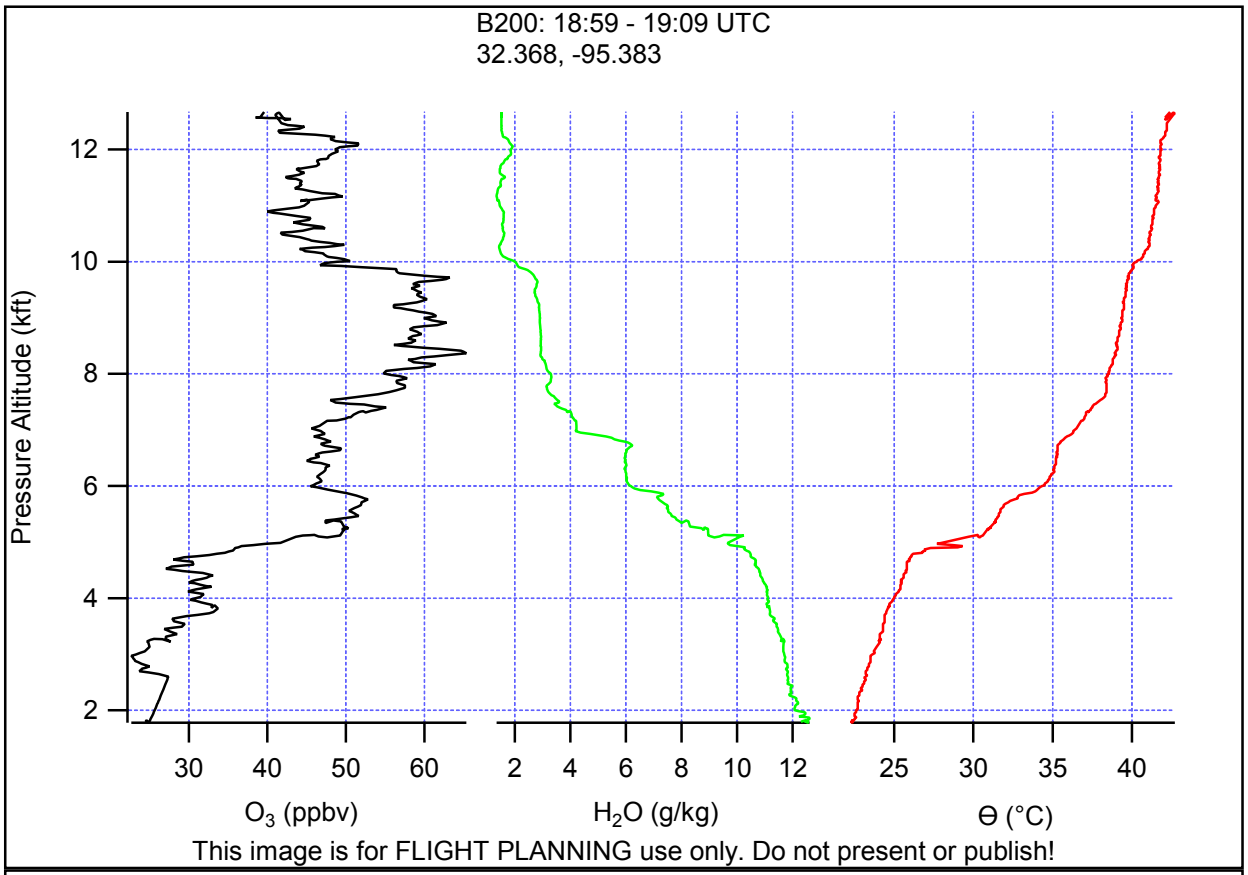

B200: 16:46 - 16:54 UTC
32.357, -93.922
Pressure Altitude (kft)
12
10
8
6
4
2
20
25
30
35
40
45
O_3 (ppbv)
2
4
6
8
10
12
H_2O (g/kg)
25
30
35
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

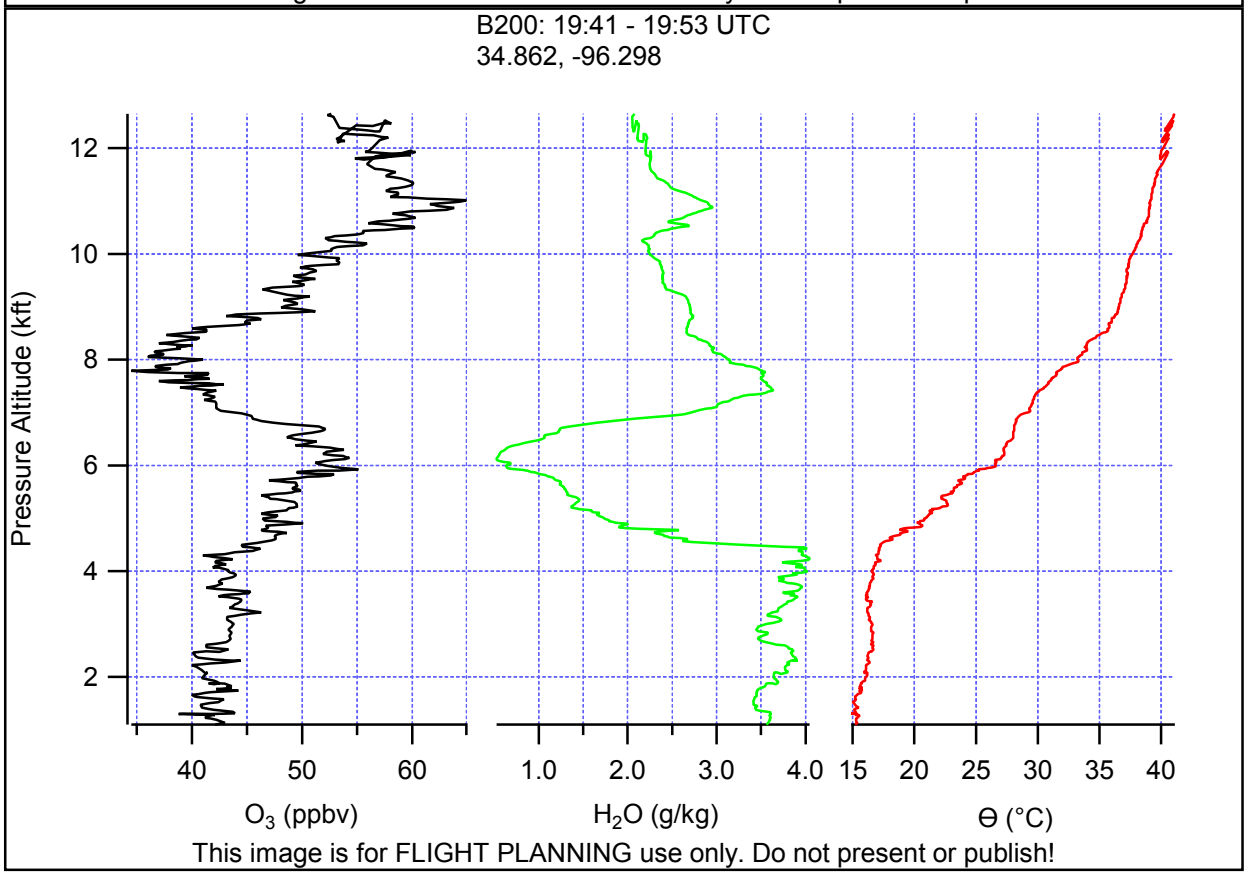

B200: 17:14 - 17:33 UTC
30.465, -94.225
Pressure Altitude (kft)
12
10
8
6
4
2
30
40
50
O3 (ppbv)
4
8
12
H2O (g/kg)
25
30
35
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:56 - 17:59 UTC
29.33, -94.858
Pressure Altitude (kft)
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
20
22
24
26
O3 (ppbv)
13.0
13.2
13.4
13.6
13.8
H2O (g/kg)
21.0
22.0
23.0
24.0
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:23 - 18:26 UTC
30.482, -94.728
Pressure Altitude (kft)
3.5
3.0
2.5
2.0
1.5
30 32 34 36 38
O3 (ppbv)
11.2 11.6 12.0 12.4
H2O (g/kg)
25.0 25.5 26.0 26.5 27.0
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:26 - 18:30 UTC
30.66, -94.733
Pressure Altitude (kft)
3.5
3.0
2.5
2.0
1.5
26 28 30 32 34
O3 (ppbv)
10.0 11.0 12.0 13.0
H2O (g/kg)
25.5 26.0 26.5 27.0 27.5
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:59 - 19:09 UTC
32.368, -95.383
Pressure Altitude (kft)
12
10
8
6
4
2
30 40 50 60
O3 (ppbv)
2 4 6 8 10 12
H2O (g/kg)
25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:41 - 19:53 UTC
34.862, -96.298
Pressure Altitude (kft)
12
10
8
6
4
2
40 50 60
O3 (ppbv)
1.0 2.0 3.0 4.0
H2O (g/kg)
15 20 25 30 35 40
Θ (°C)
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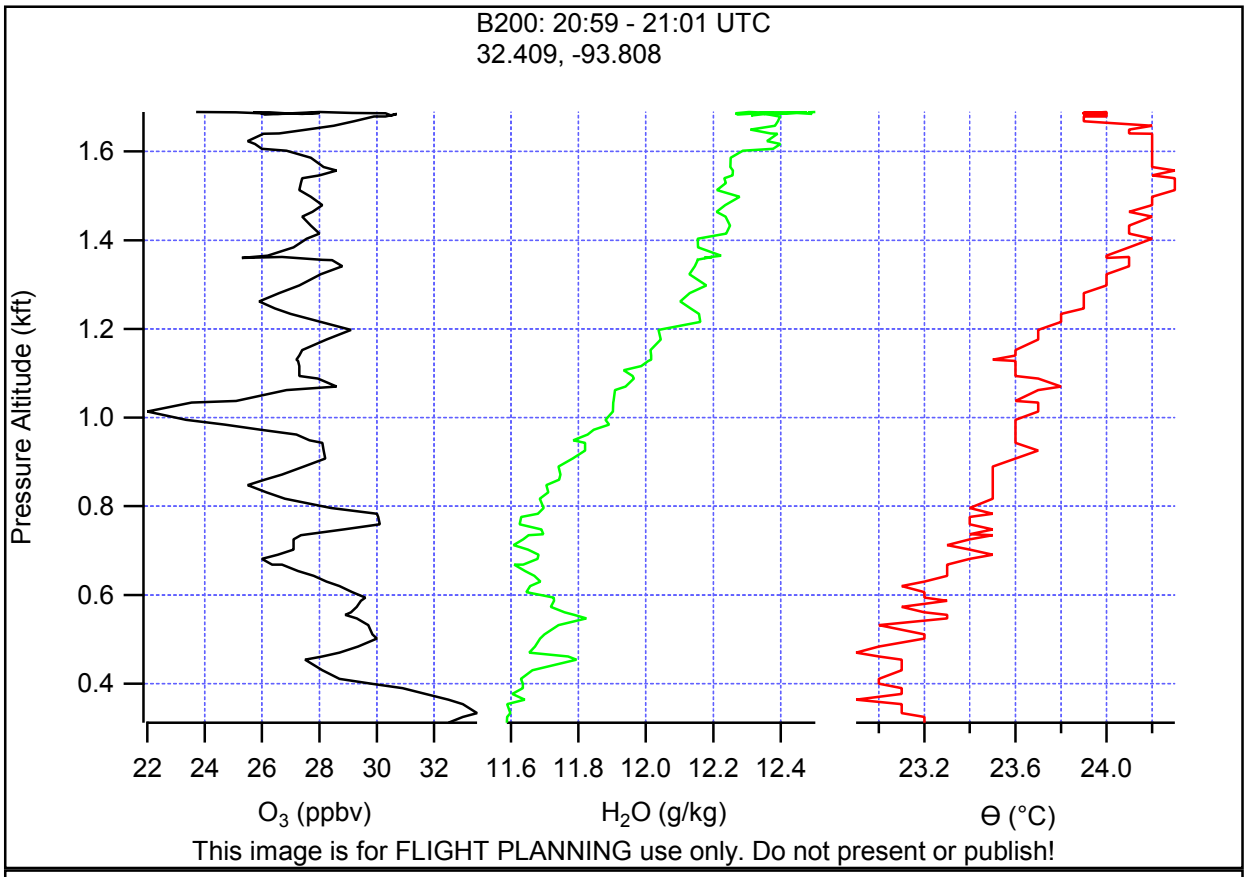
B200: 20:59 - 21:01 UTC
32.409, -93.808
Pressure Altitude (kft)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
22 24 26 28 30 32
O3 (ppbv)
11.6 11.8 12.0 12.2 12.4
H2O (g/kg)
23.2 23.6 24.0
Θ (°C)
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