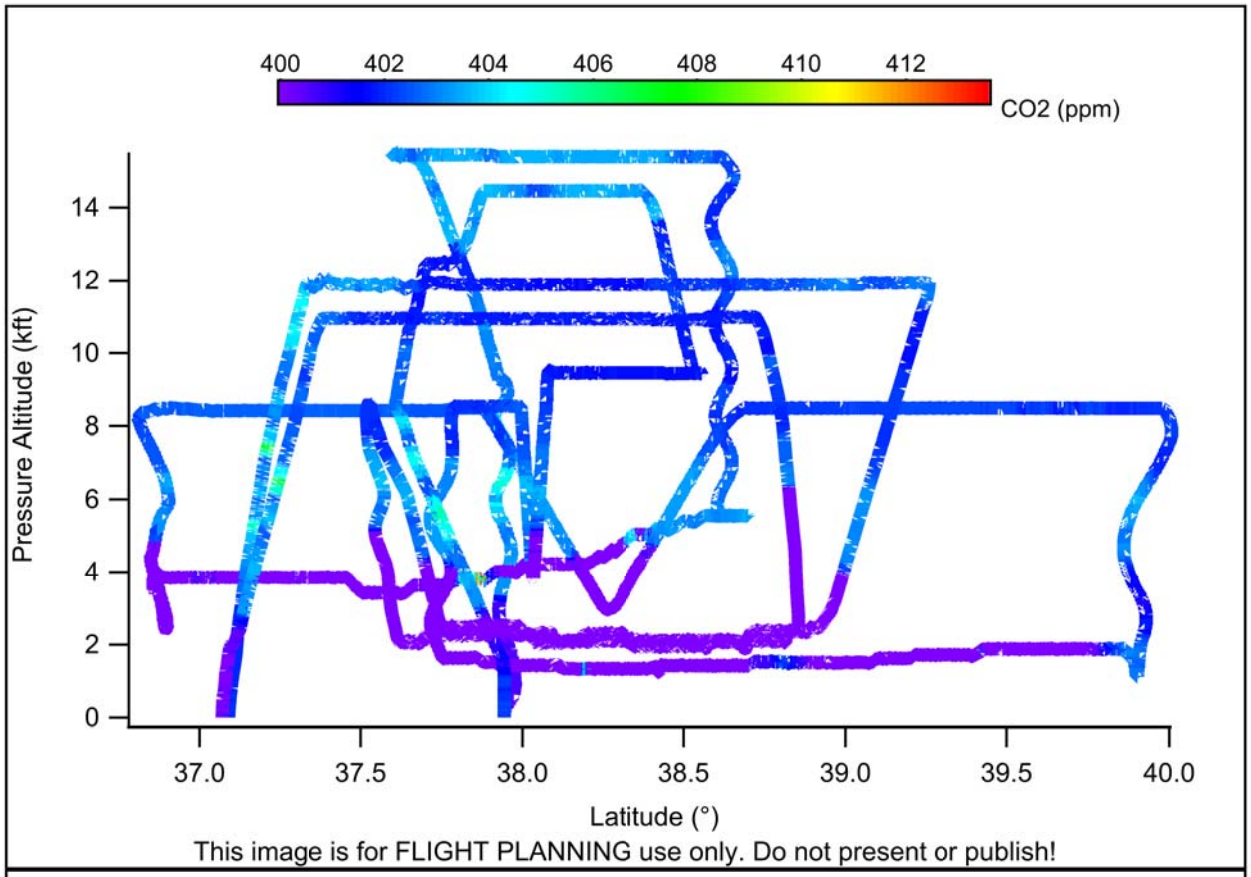
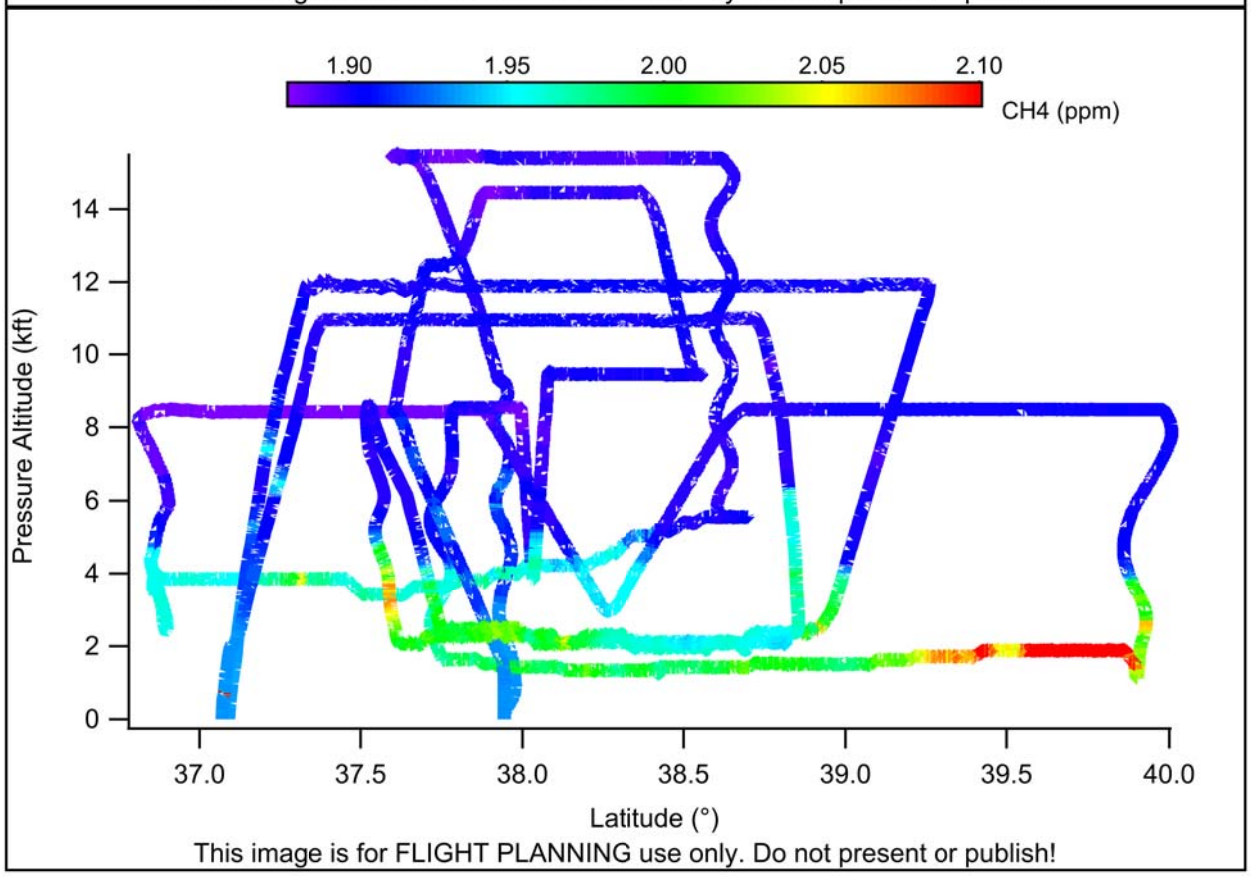
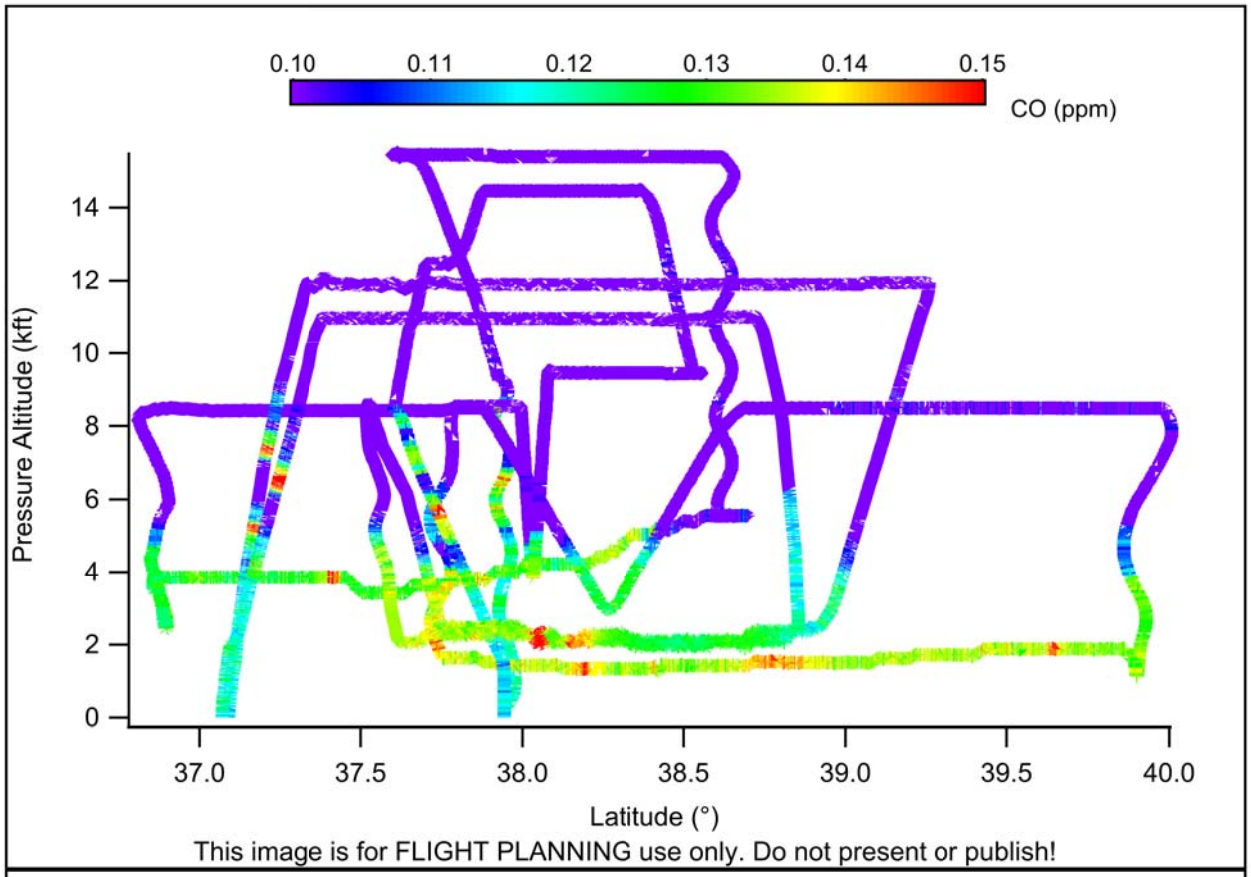
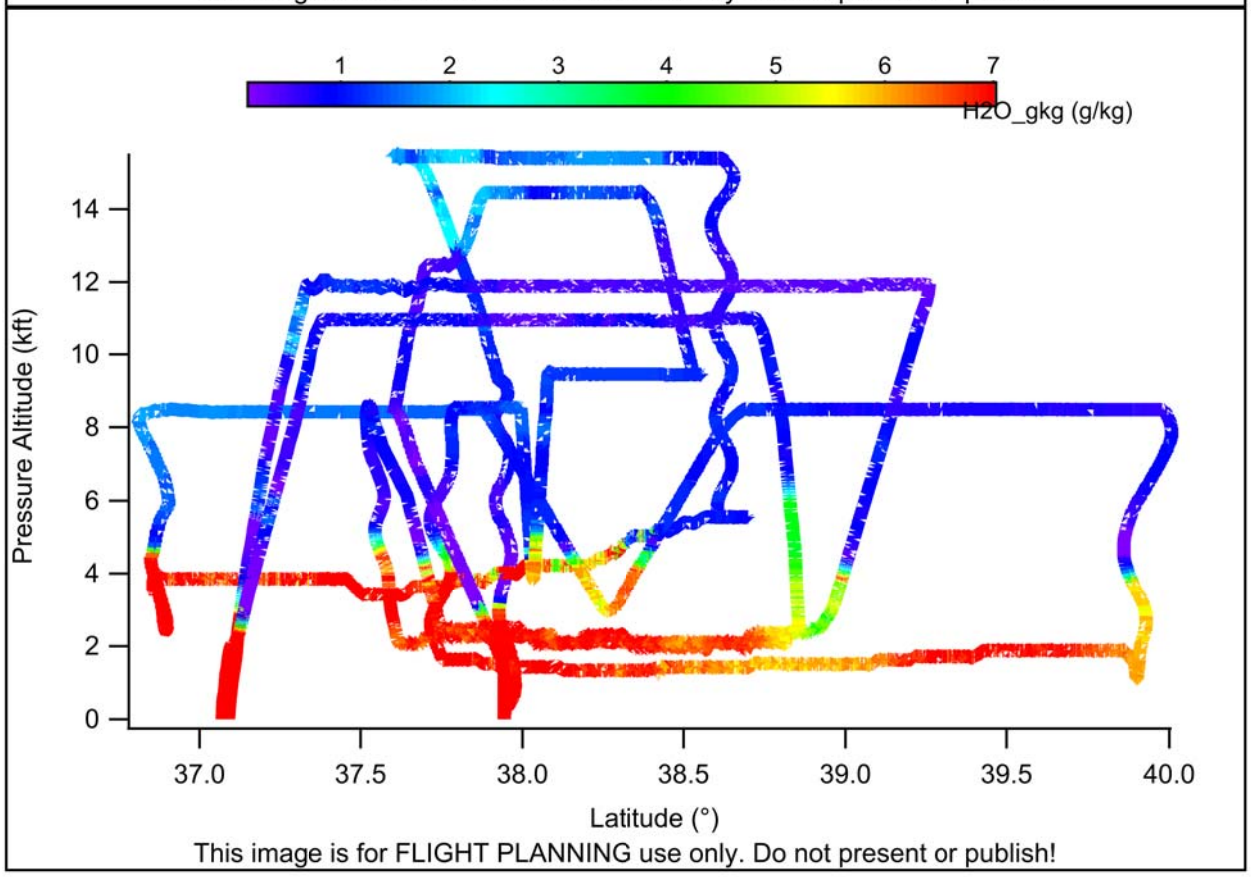
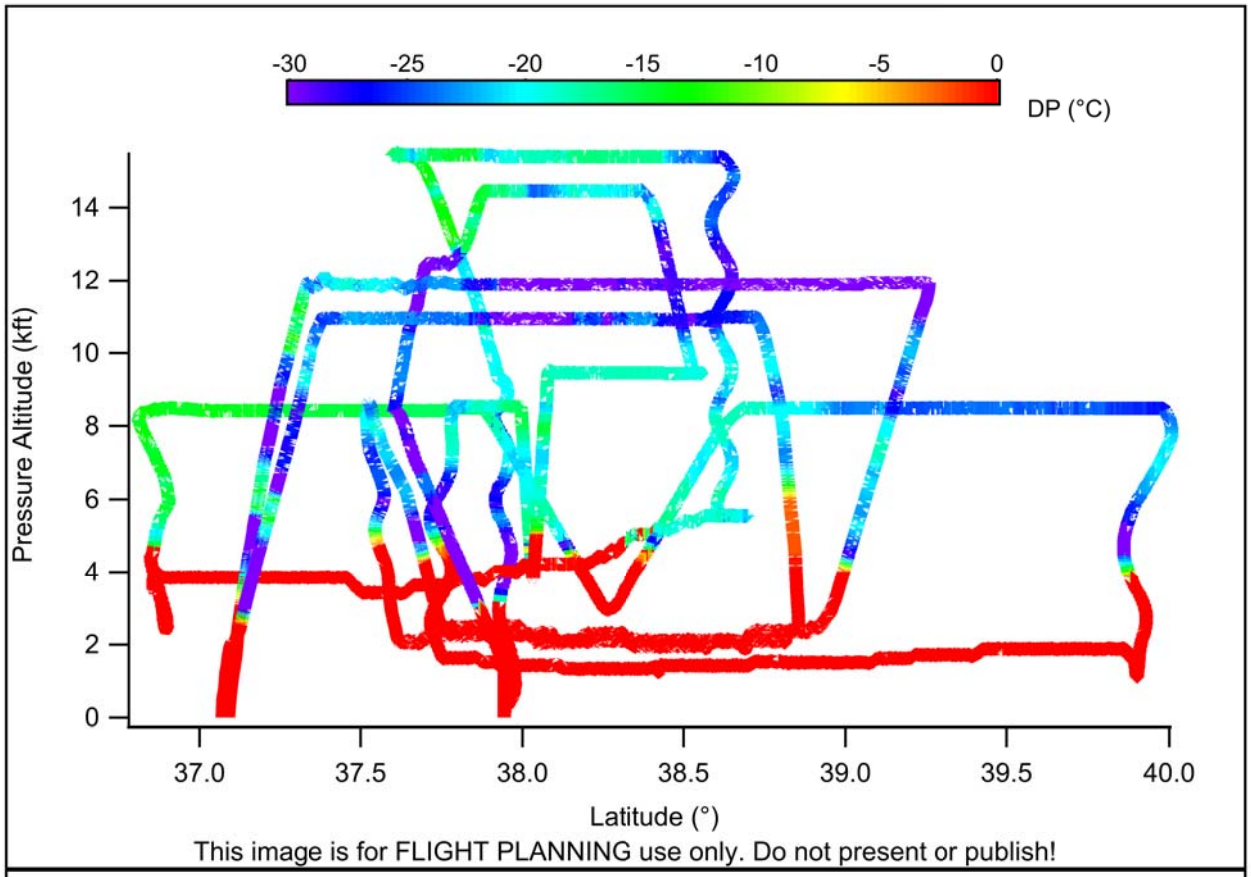
ACT-America 20171003

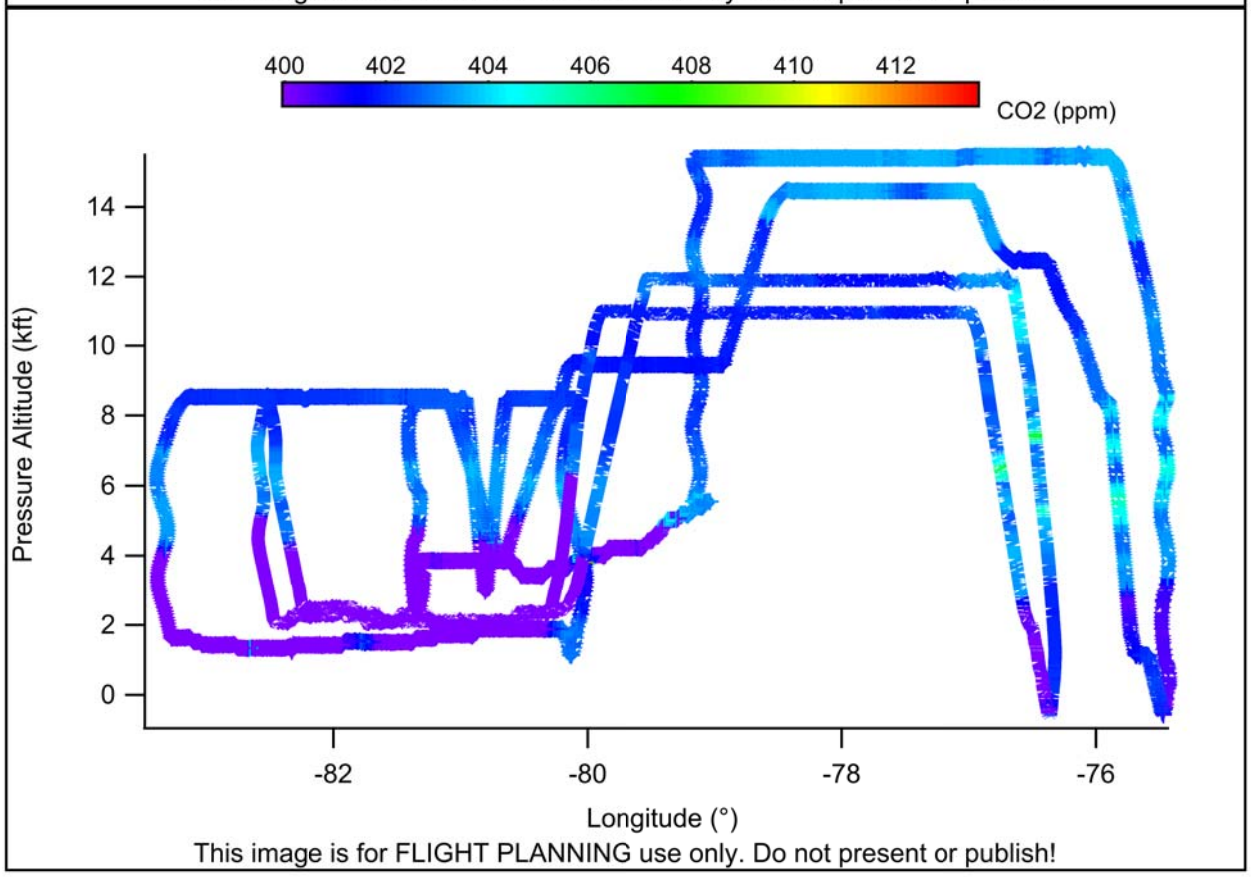

400
402
404
406
408
410
412
CO2 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
37.0
37.5
38.0
38.5
39.0
39.5
40.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

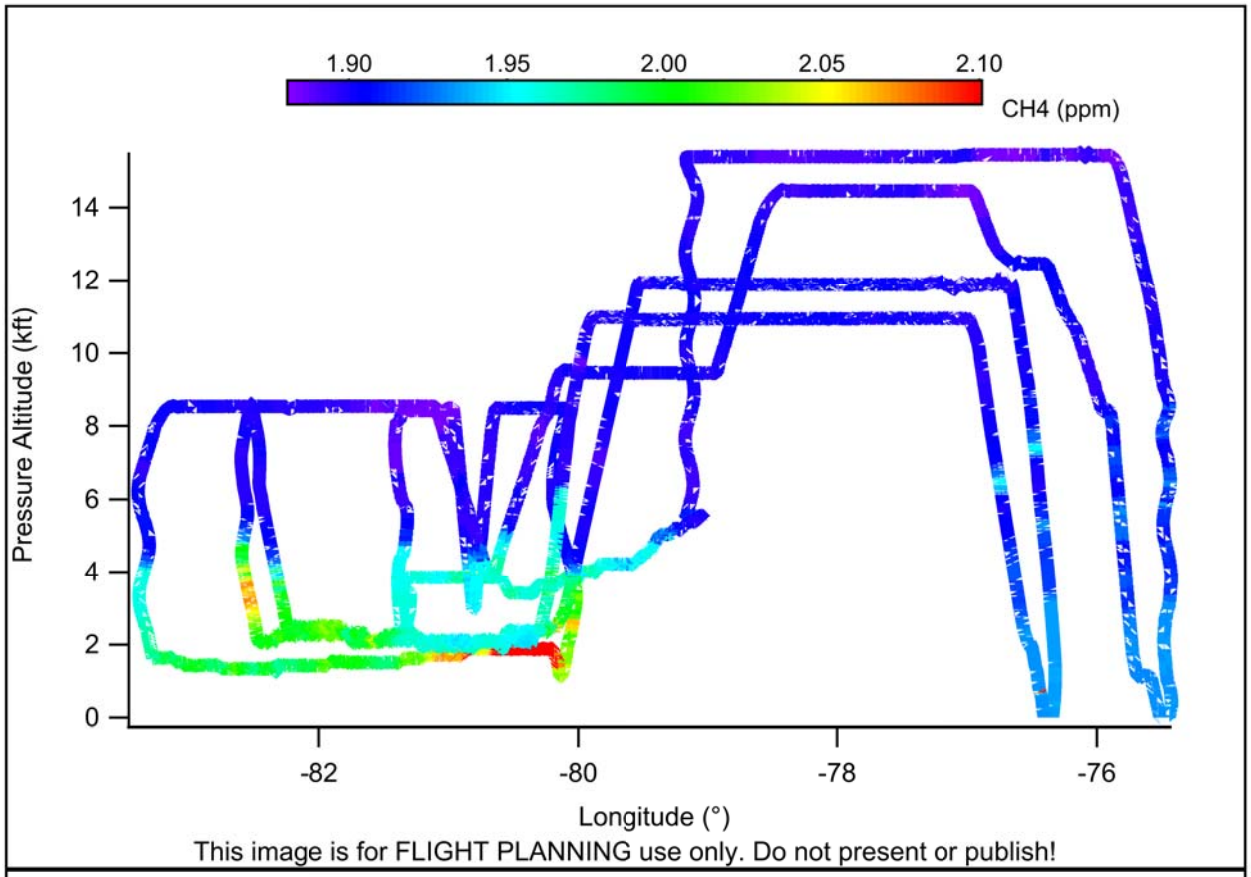

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
37.0
37.5
38.0
38.5
39.0
39.5
40.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

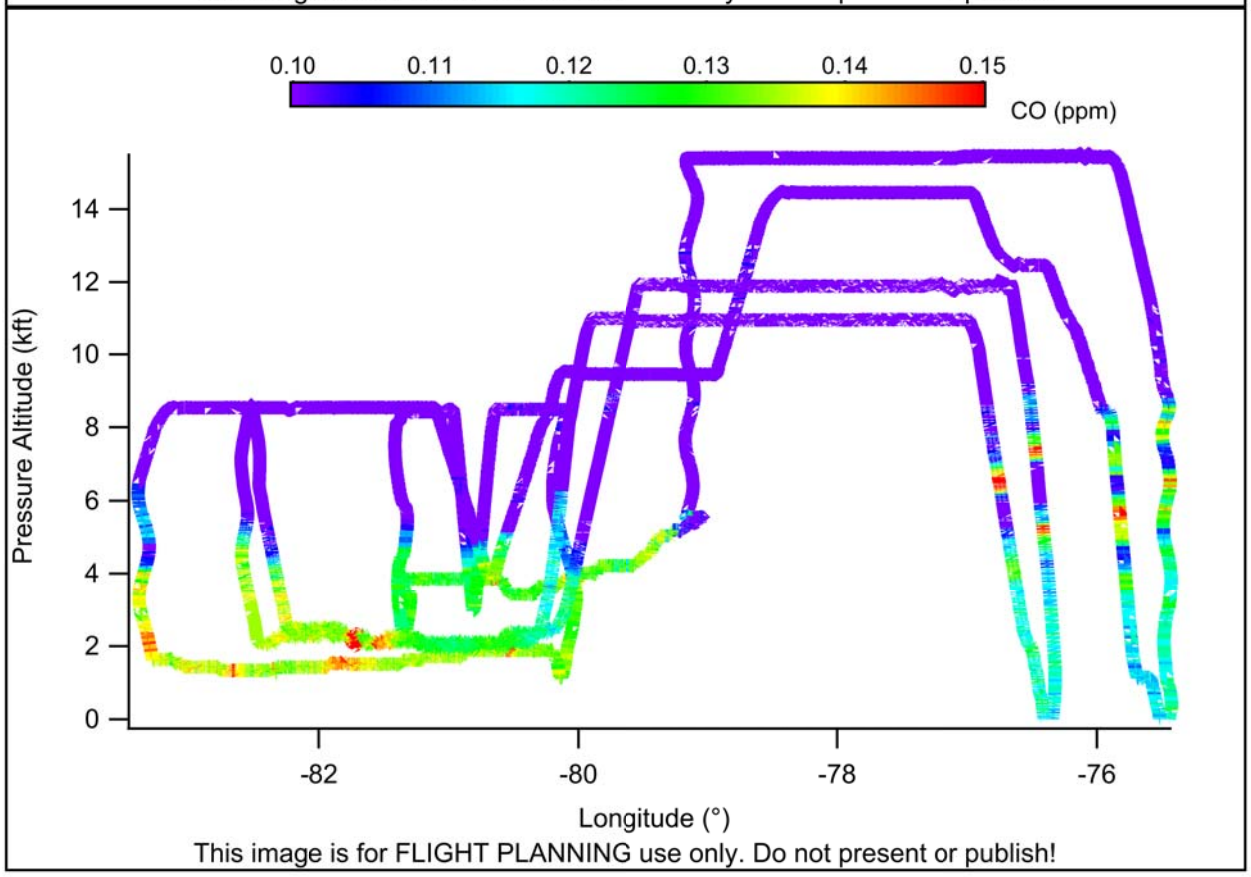

0.10
0.11
0.12
0.13
0.14
0.15
CO (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
37.0
37.5
38.0
38.5
39.0
39.5
40.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

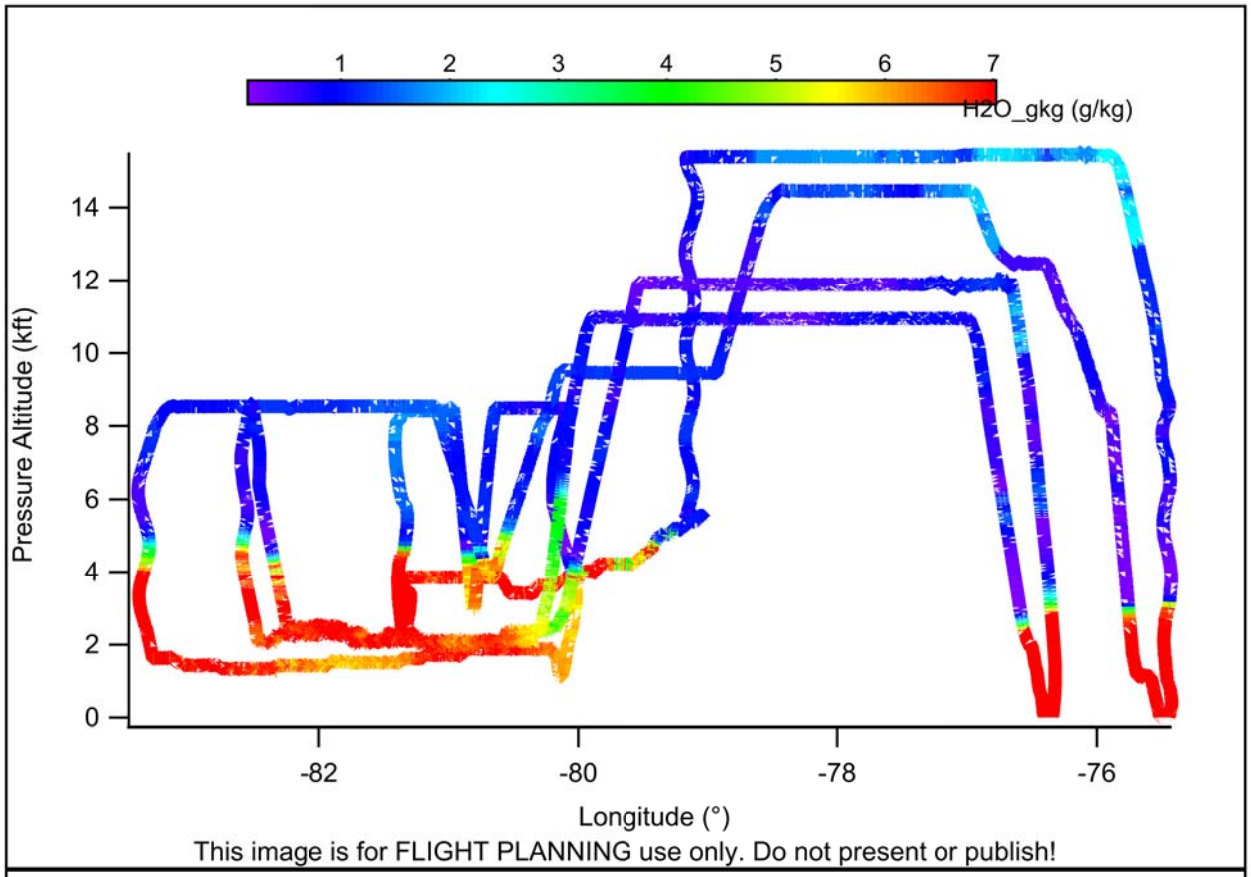

1
2
3
4
5
6
7
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
37.0
37.5
38.0
38.5
39.0
39.5
40.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

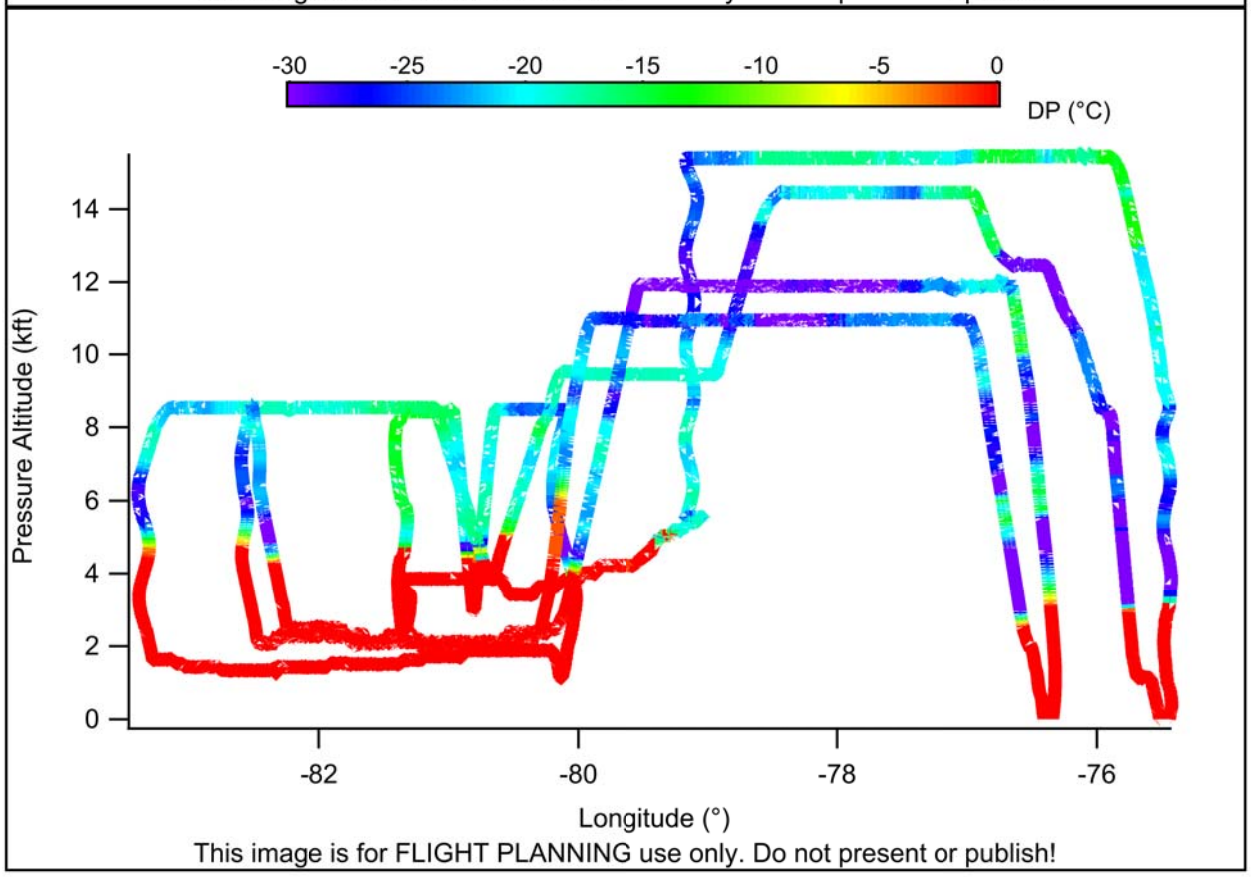

-30
-25
-20
-15
-10
-5
0
DP (°C)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
37.0
37.5
38.0
38.5
39.0
39.5
40.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

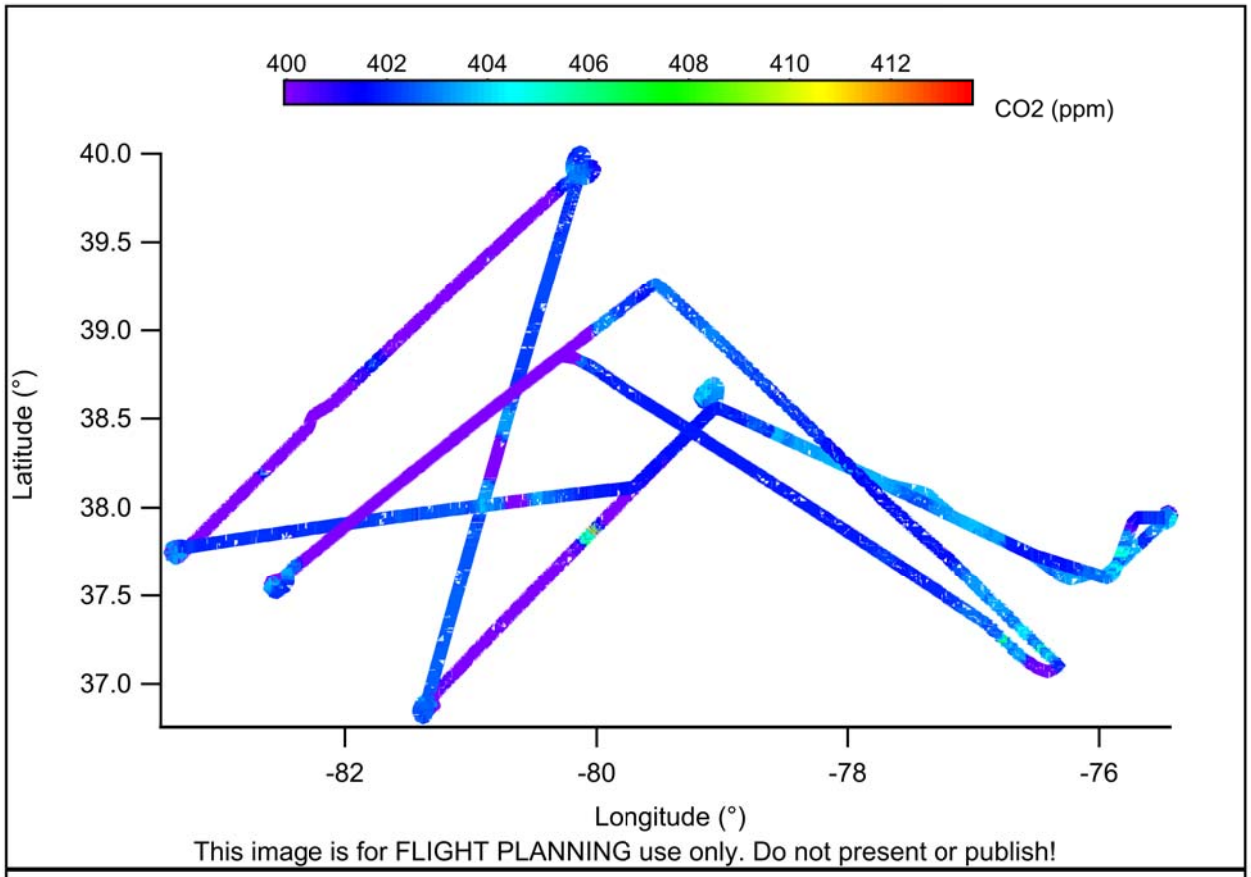

400
402
404
406
408
410
412
CO2 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

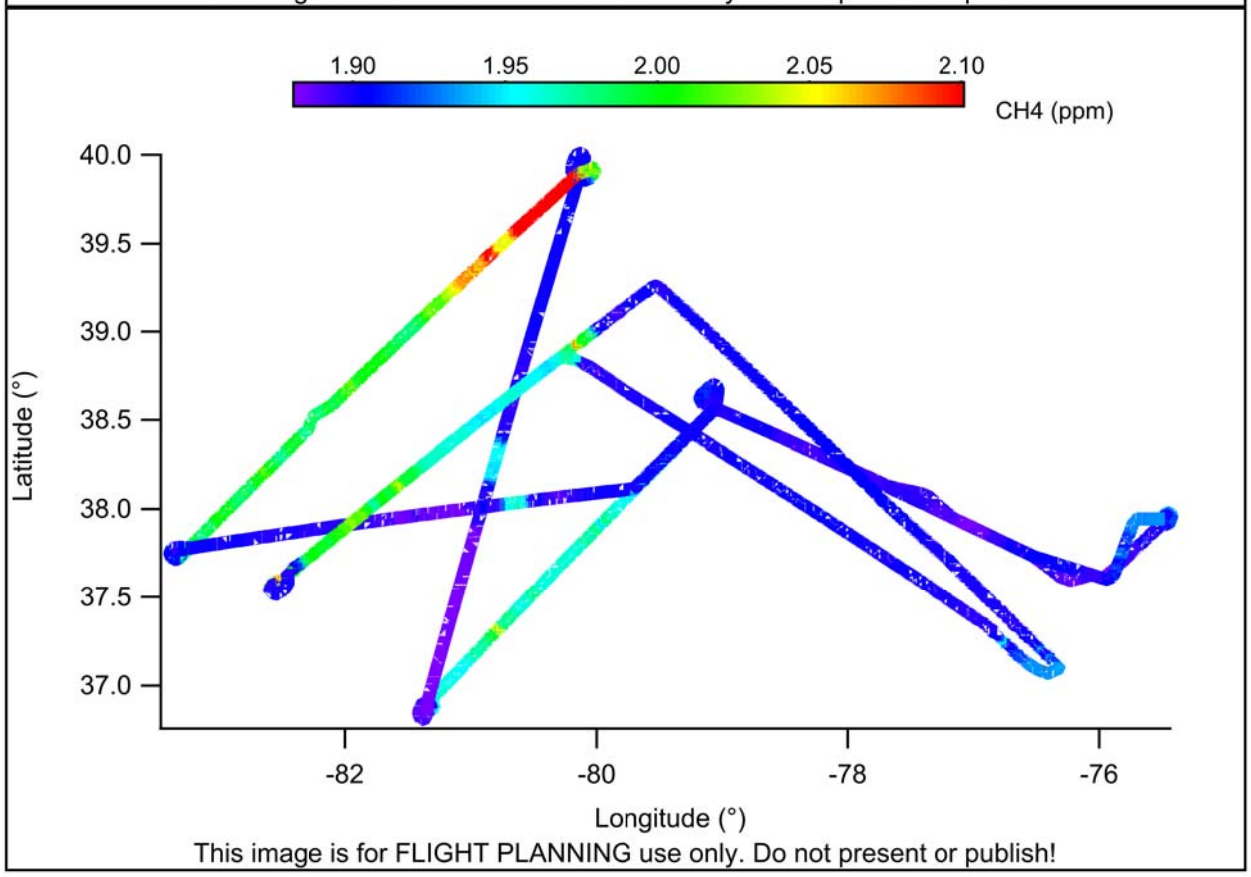

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

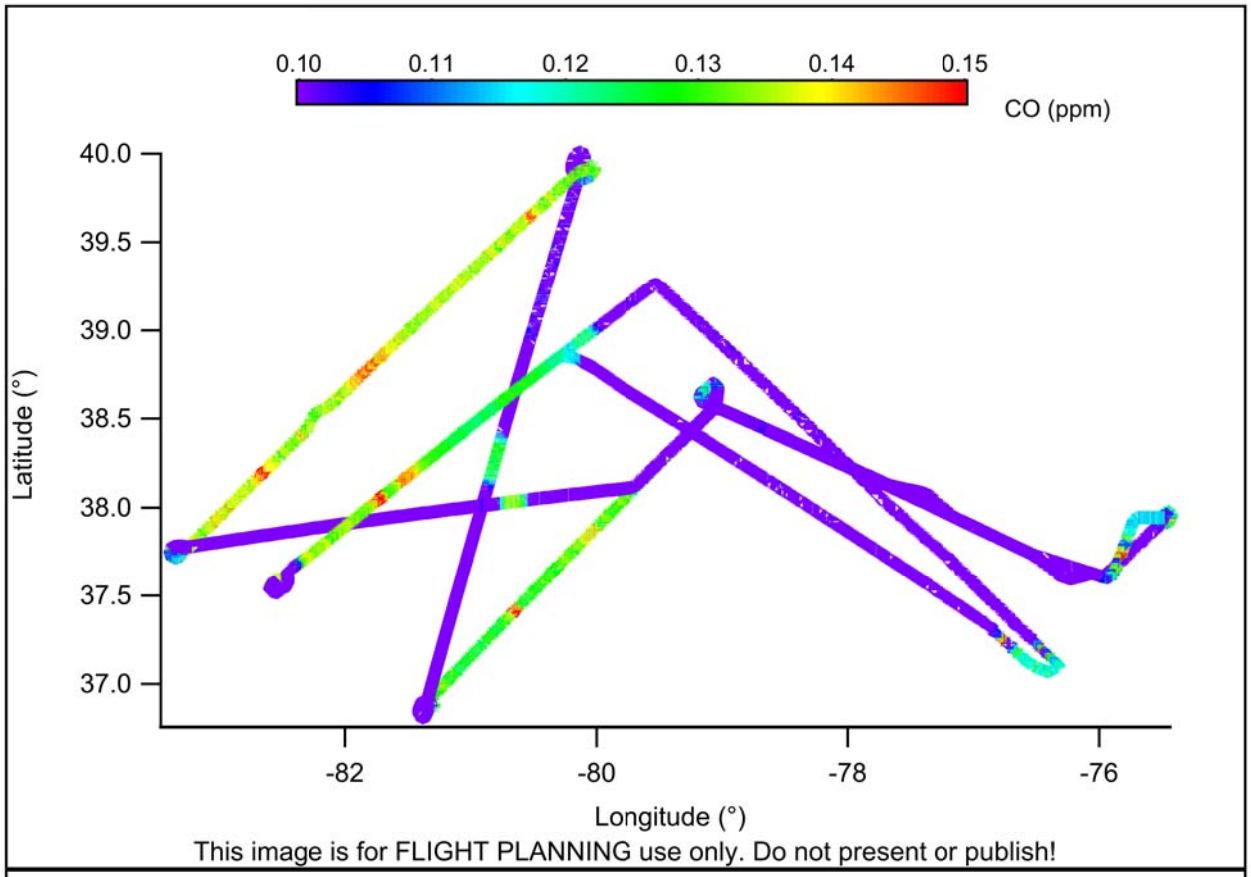

0.10
0.11
0.12
0.13
0.14
0.15
CO (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

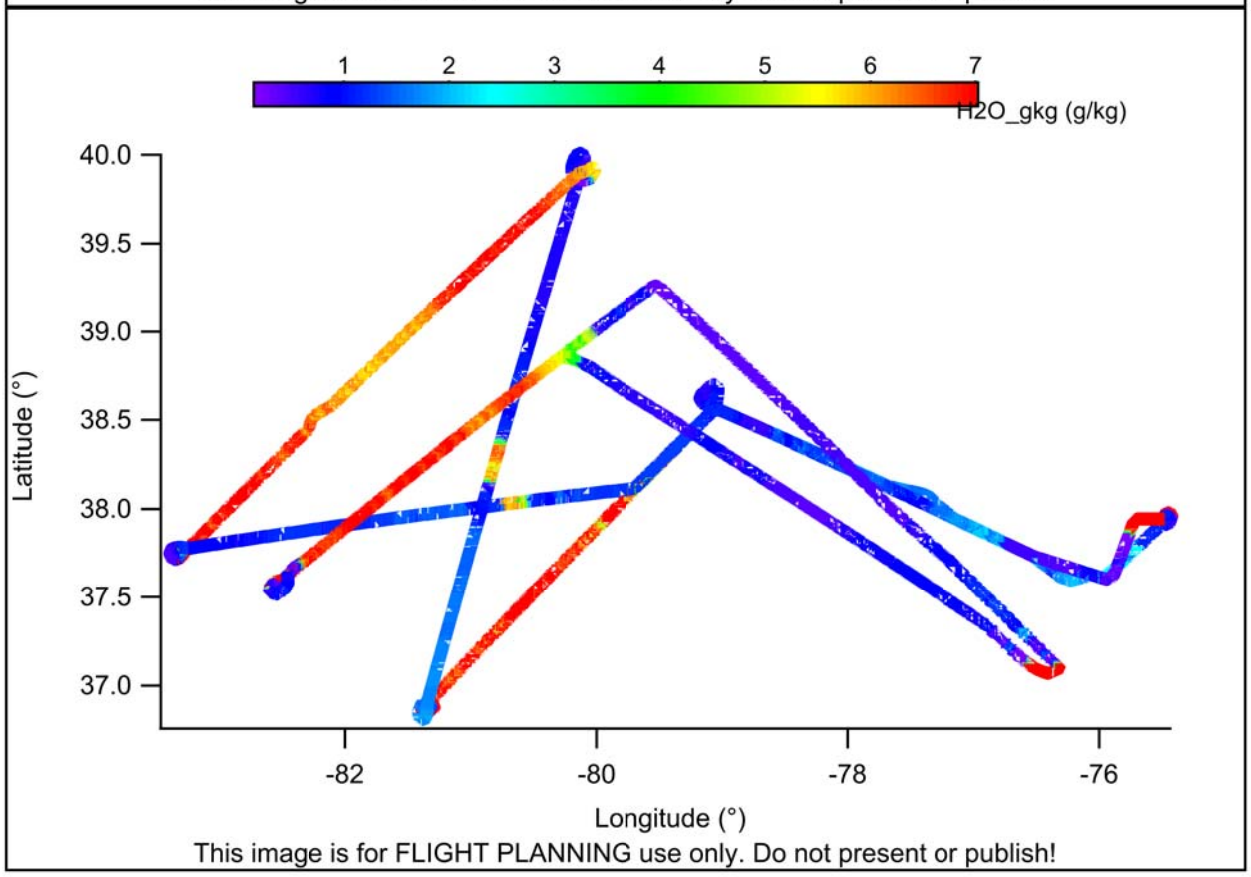

1
2
3
4
5
6
7
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

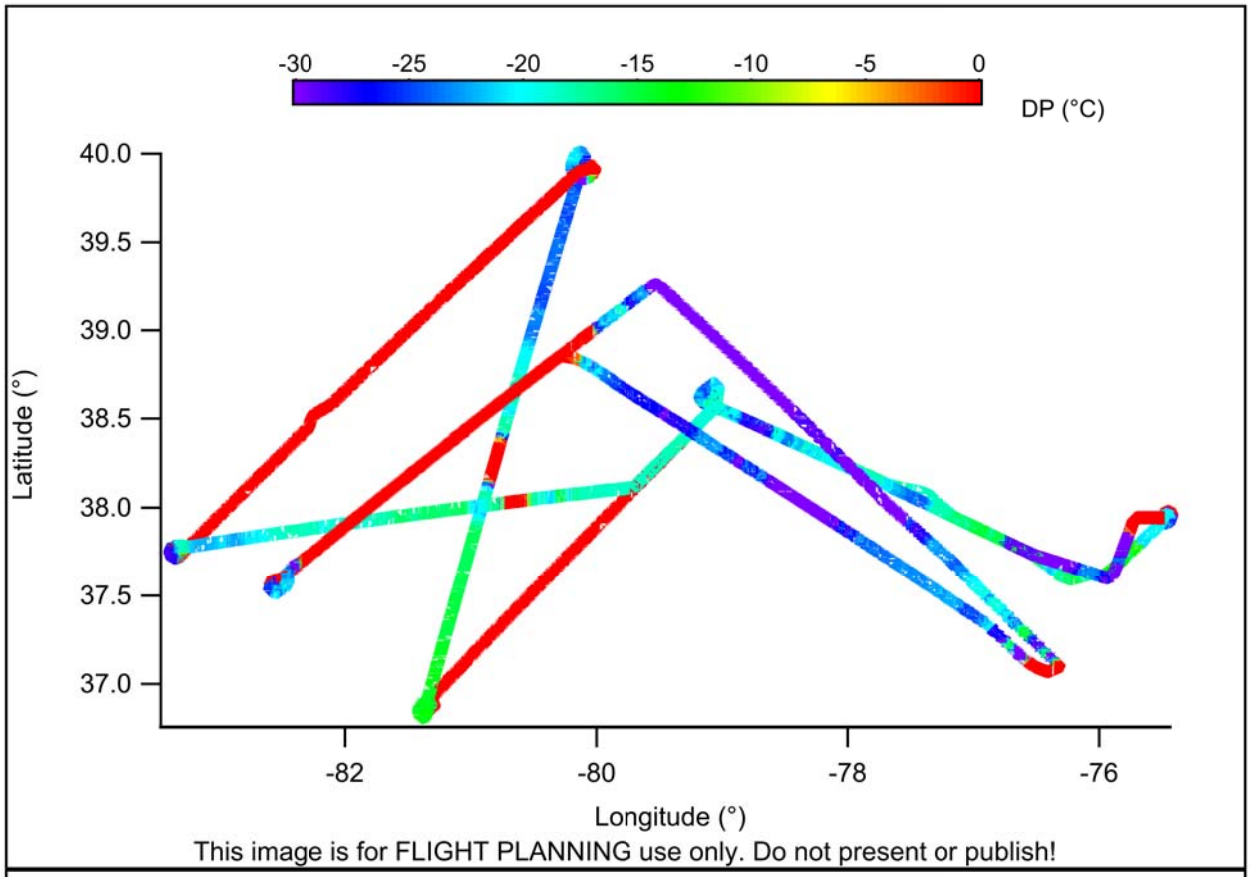

-30
-25
-20
-15
-10
-5
0
DP (°C)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

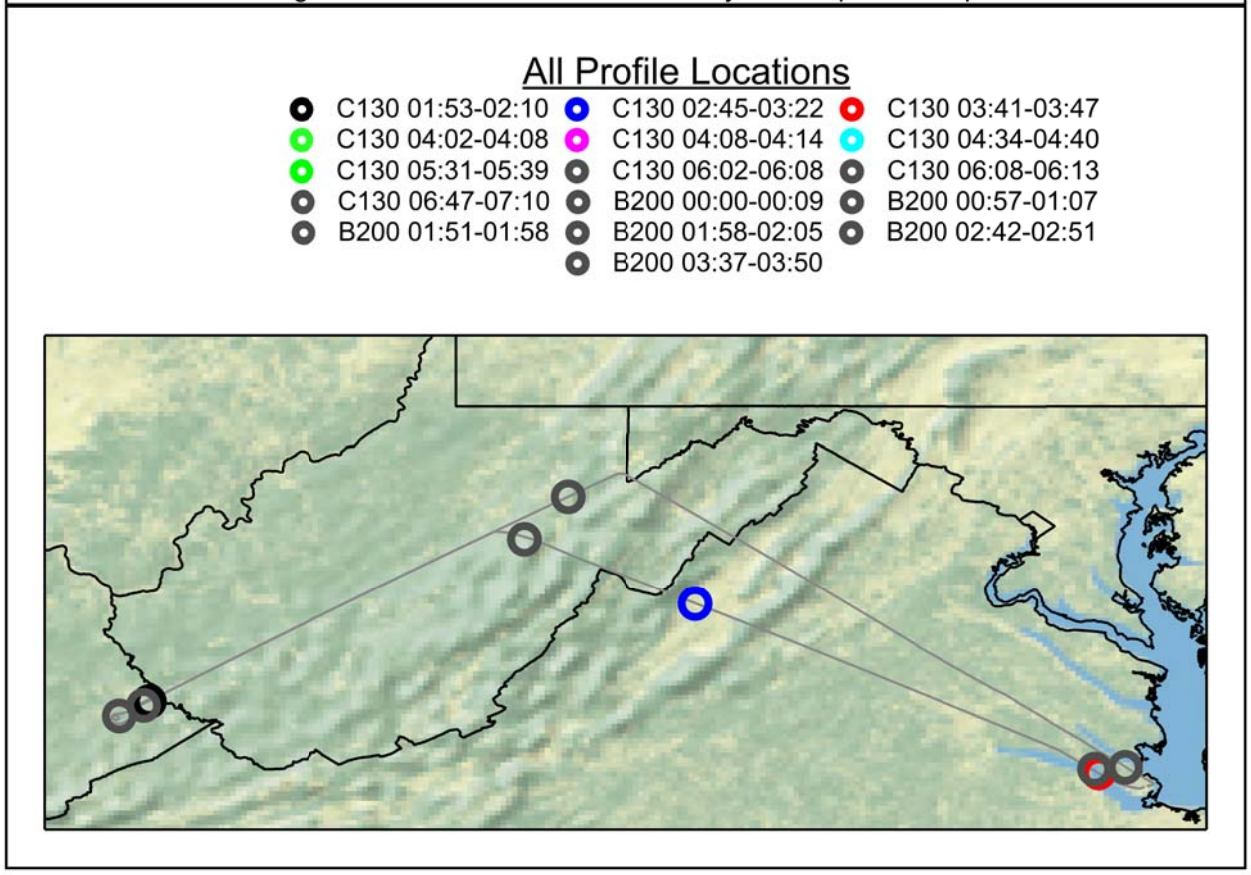

400
402
404
406
408
410
412
CO2 (ppm)
40.0
39.5
39.0
38.5
38.0
37.5
37.0
Latitude (°)
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

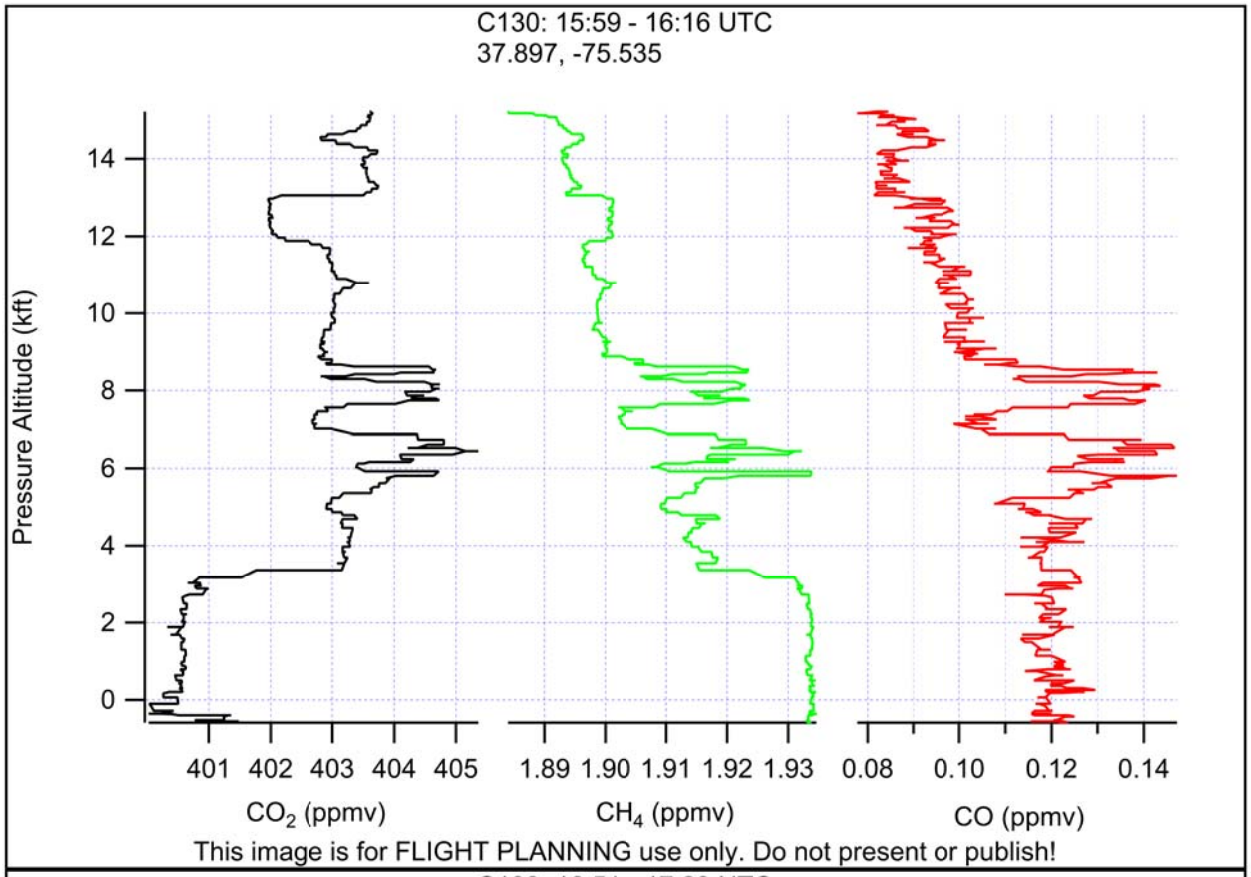

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
40.0
39.5
39.0
38.5
38.0
37.5
37.0
Latitude (°)
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

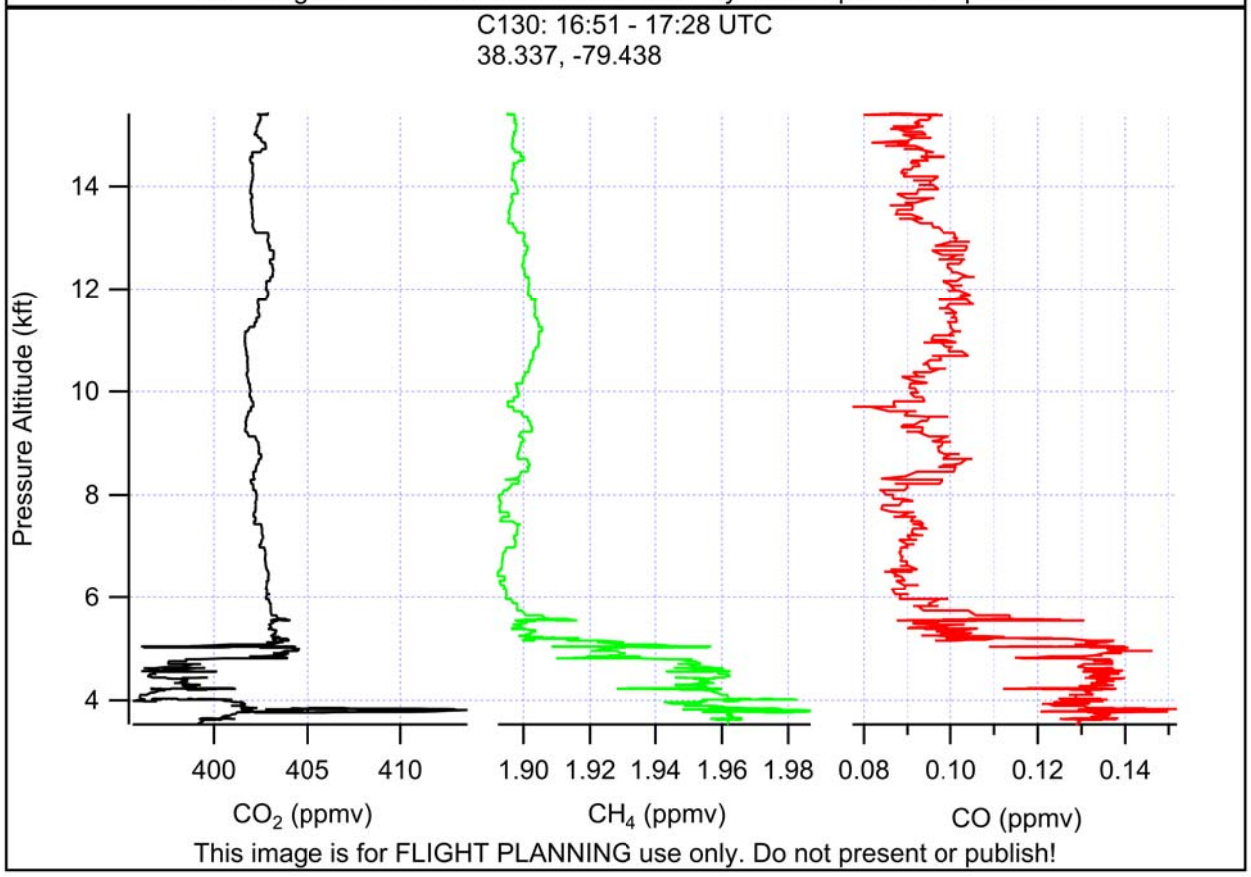

0.10
0.11
0.12
0.13
0.14
0.15
CO (ppm)
40.0
39.5
39.0
38.5
38.0
37.5
37.0
Latitude (°)
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

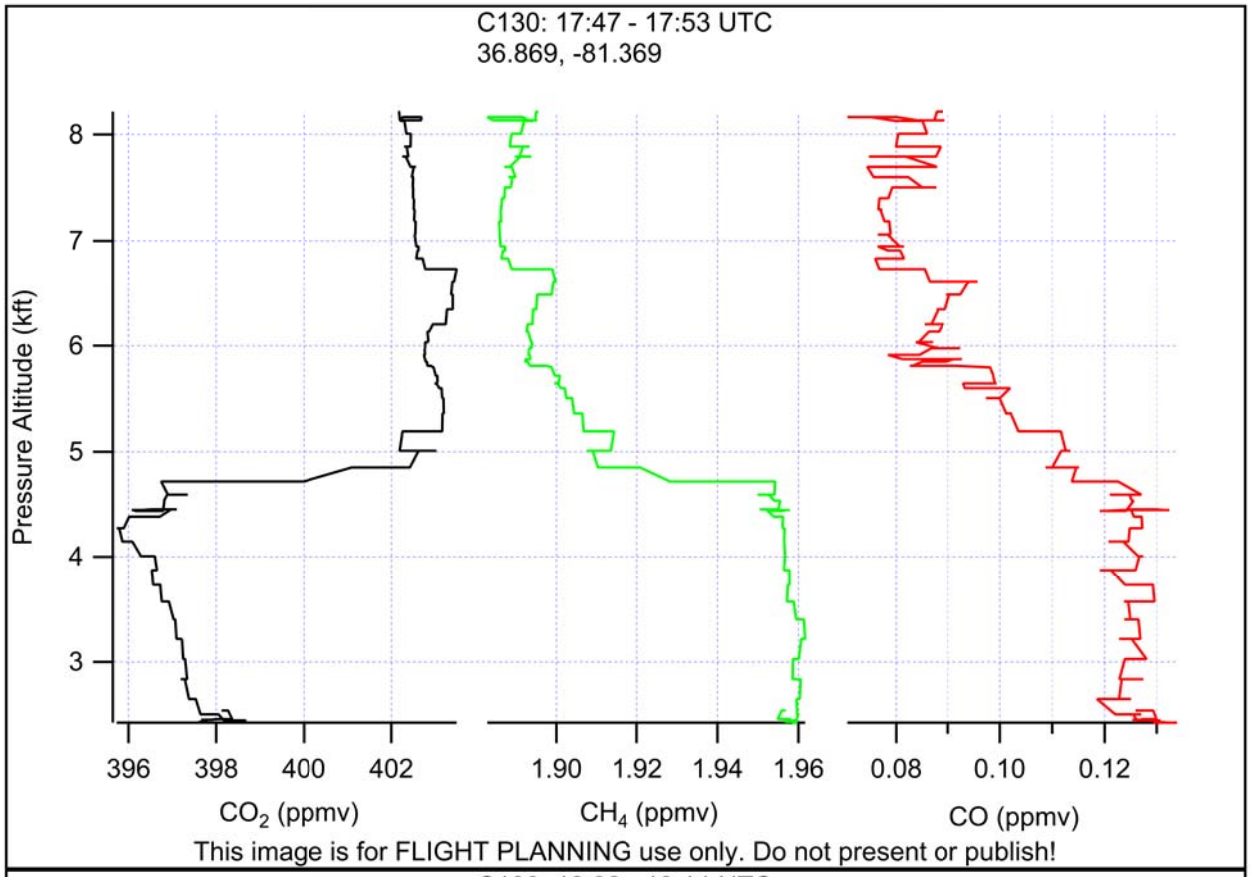

1
2
3
4
5
6
7
H2O_gkg (g/kg)
40.0
39.5
39.0
38.5
38.0
37.5
37.0
Latitude (°)
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

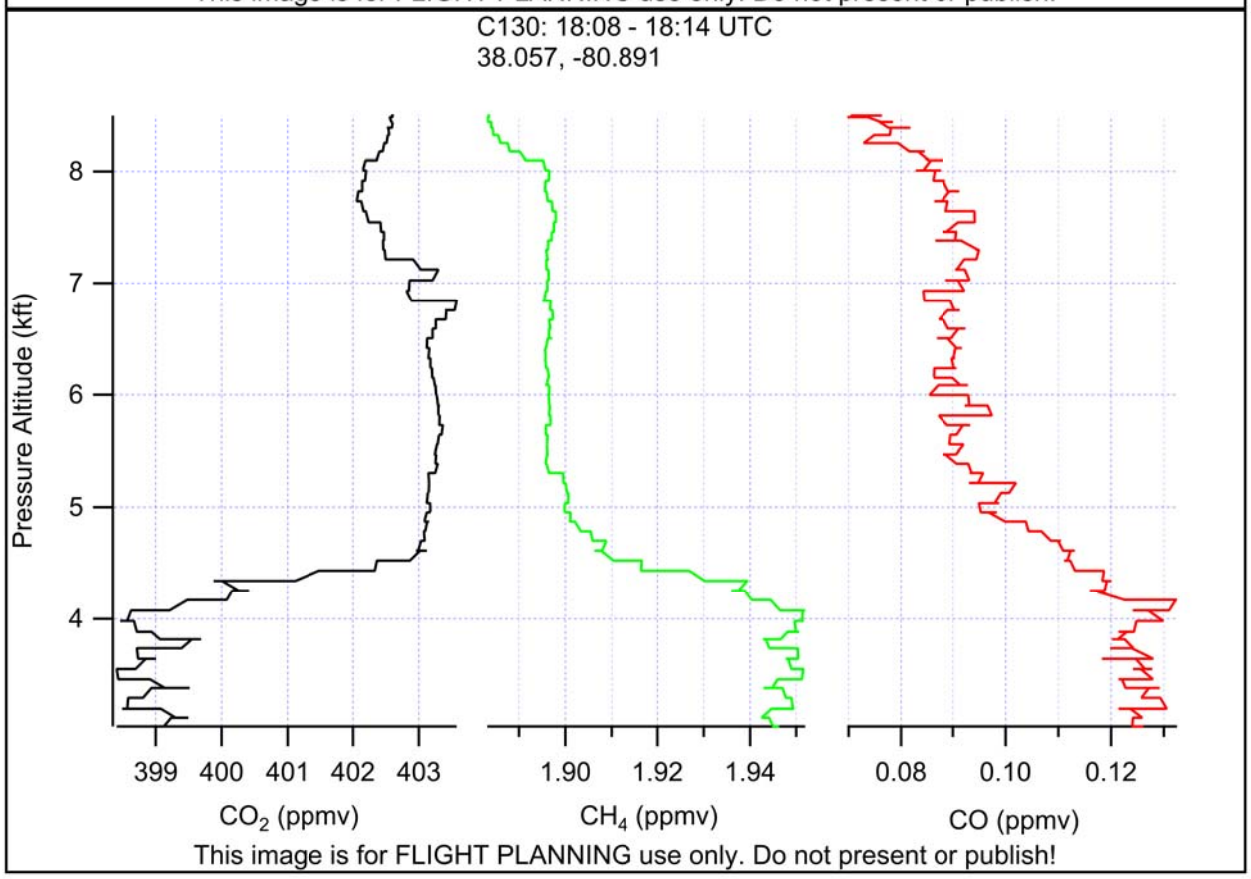

-30
-25
-20
-15
-10
-5
0
DP (°C)
40.0
39.5
39.0
38.5
38.0
37.5
37.0
Latitude (°)
-82
-80
-78
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

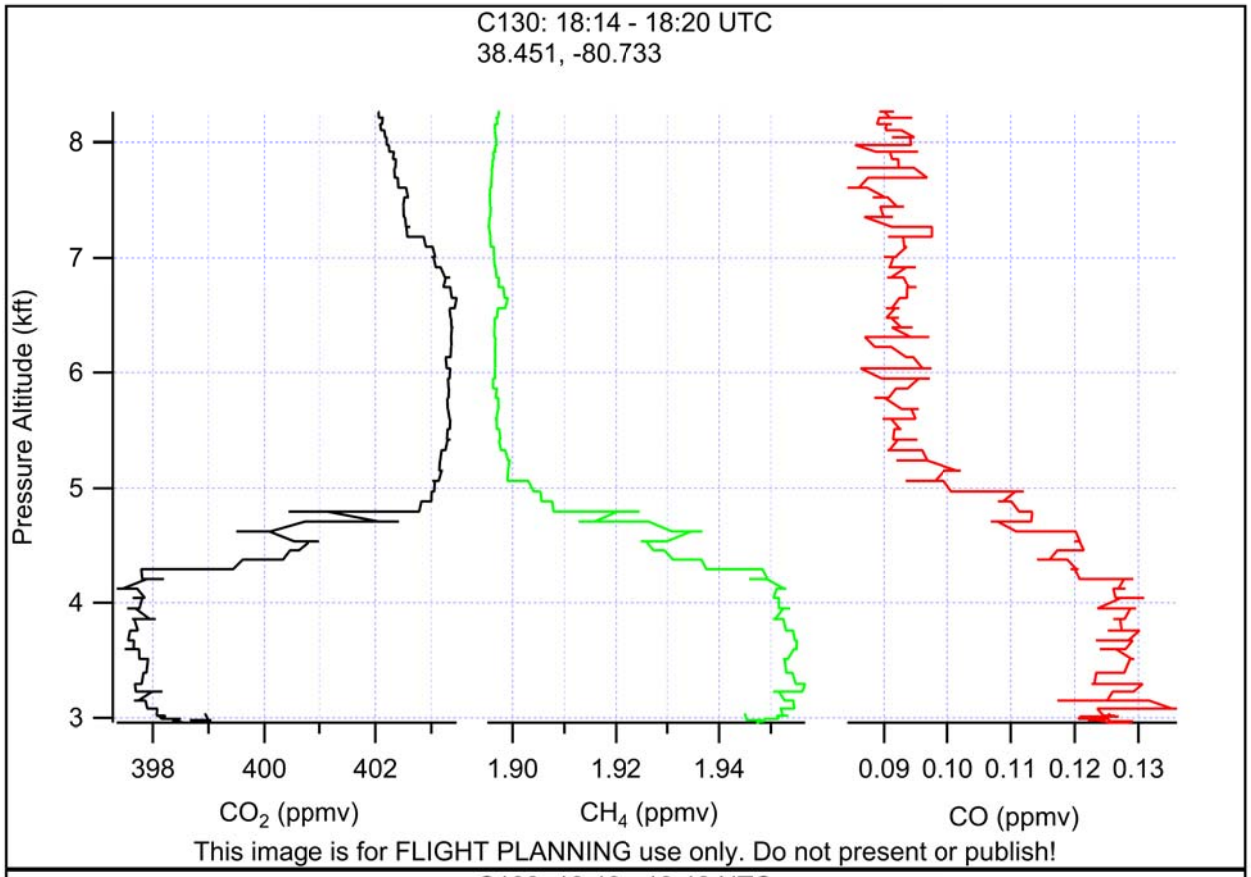

All Profile Locations
C130 01:53-02:10
C130 02:45-03:22
C130 03:41-03:47
C130 04:02-04:08
C130 04:08-04:14
C130 04:34-04:40
C130 05:31-05:39
C130 06:02-06:08
C130 06:08-06:13
C130 06:47-07:10
B200 00:00-00:09
B200 00:57-01:07
B200 01:51-01:58
B200 01:58-02:05
B200 02:42-02:51
B200 03:37-03:50

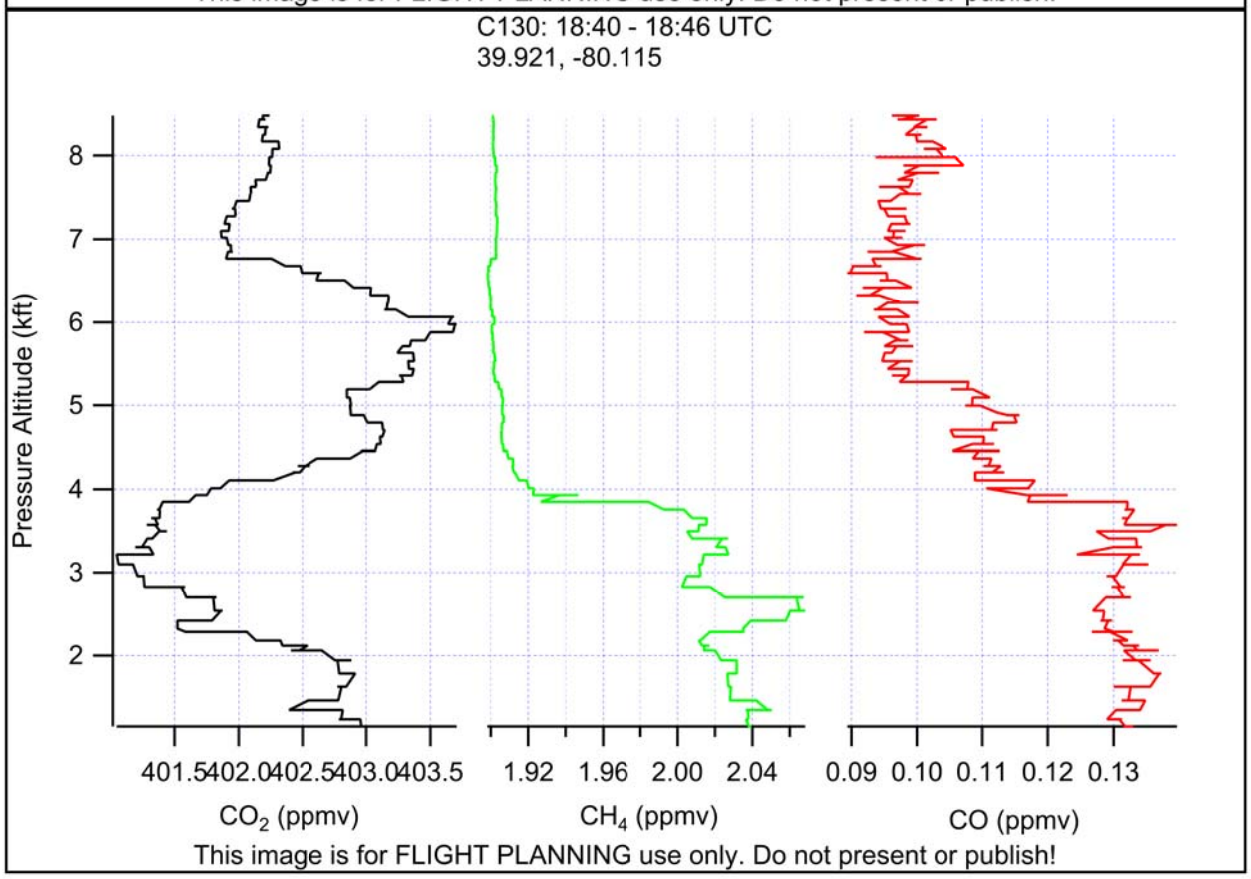

C130: 15:59 - 16:16 UTC
37.897, -75.535
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
401 402 403 404 405
CO2 (ppmv)
1.89 1.90 1.91 1.92 1.93
CH4 (ppmv)
0.08 0.10 0.12 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

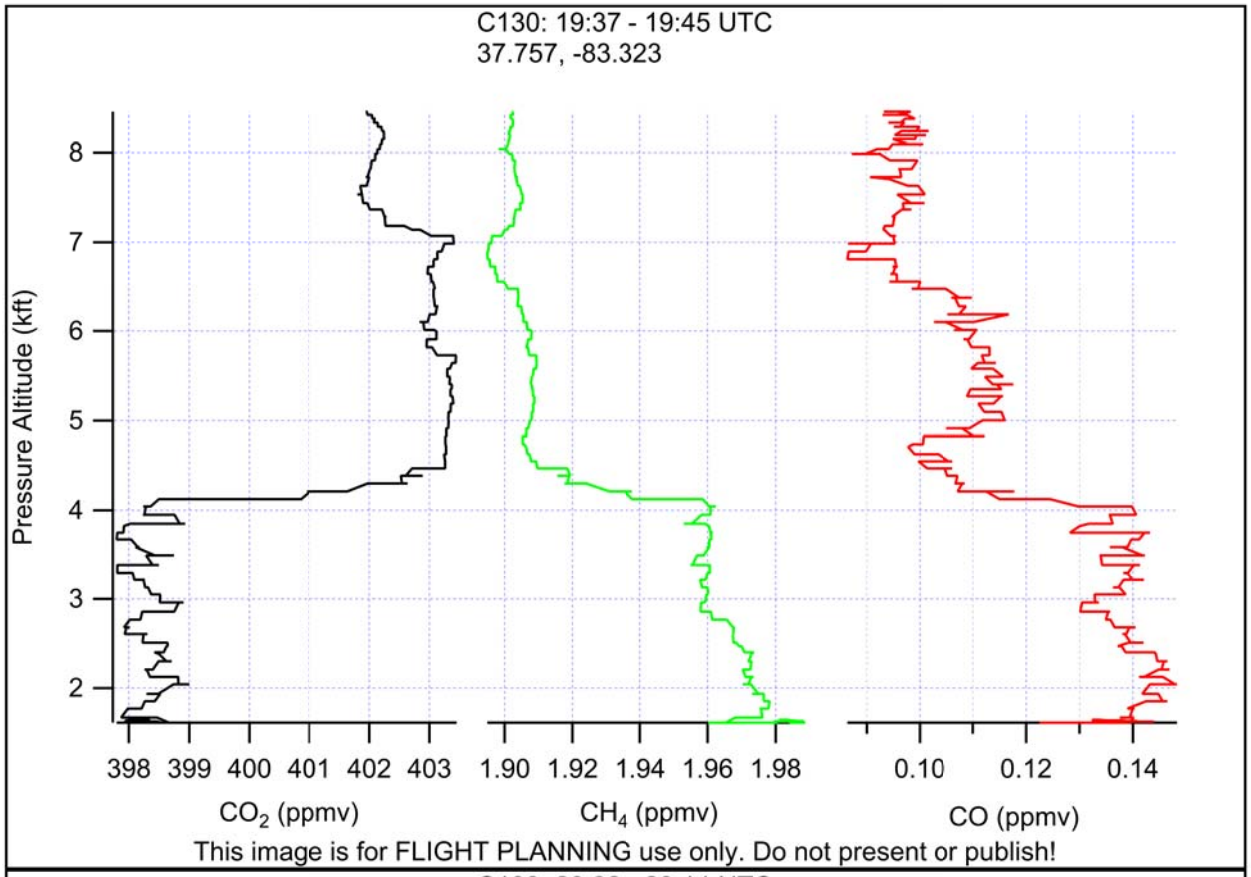

C130: 16:51 - 17:28 UTC
38.337, -79.438
Pressure Altitude (kft)
4
6
8
10
12
14
400 405 410
CO2 (ppmv)
1.90 1.92 1.94 1.96 1.98
CH4 (ppmv)
0.08 0.10 0.12 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

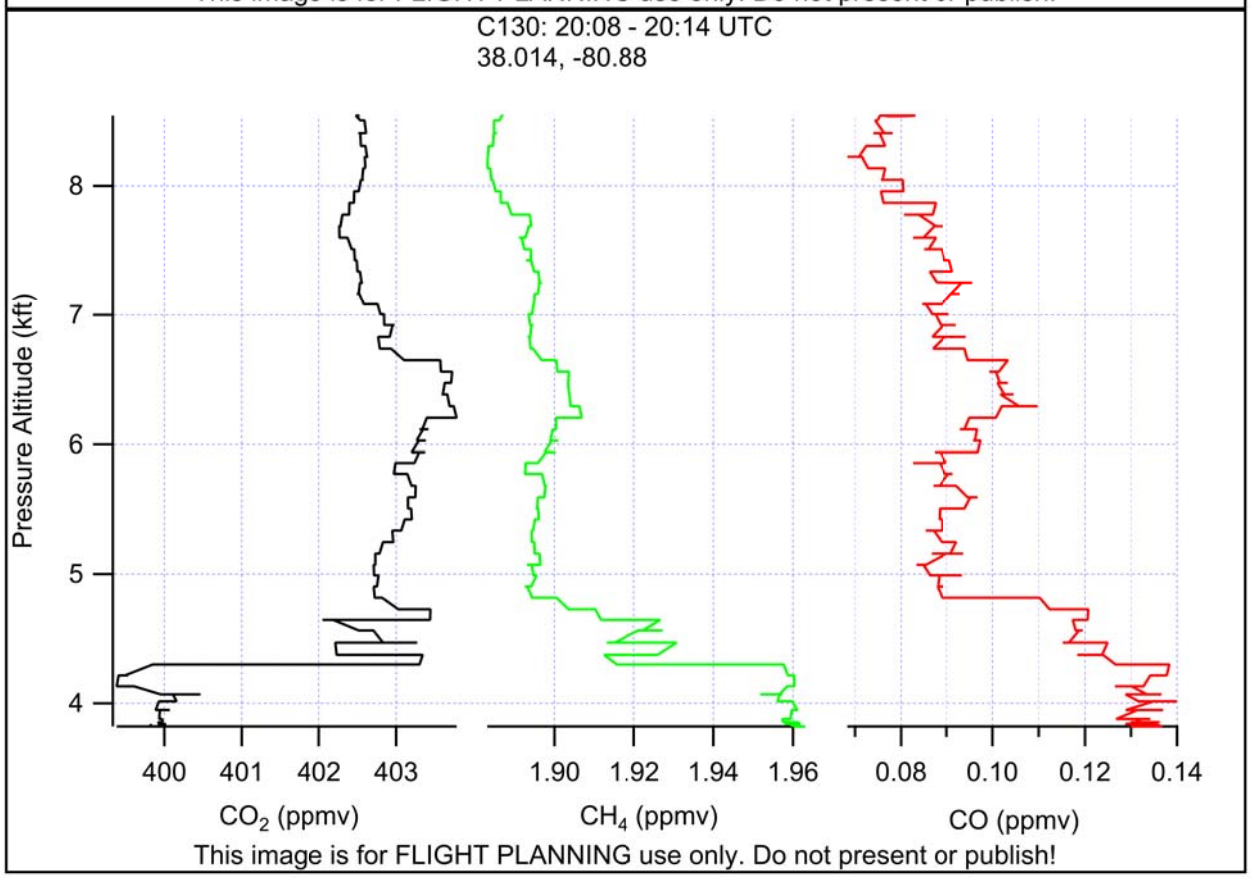

C130: 17:47 - 17:53 UTC
36.869, -81.369
Pressure Altitude (kft)
8
7
6
5
4
3
396
398
400
402
CO_2 (ppmv)
1.90
1.92
1.94
1.96
CH_4 (ppmv)
0.08
0.10
0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

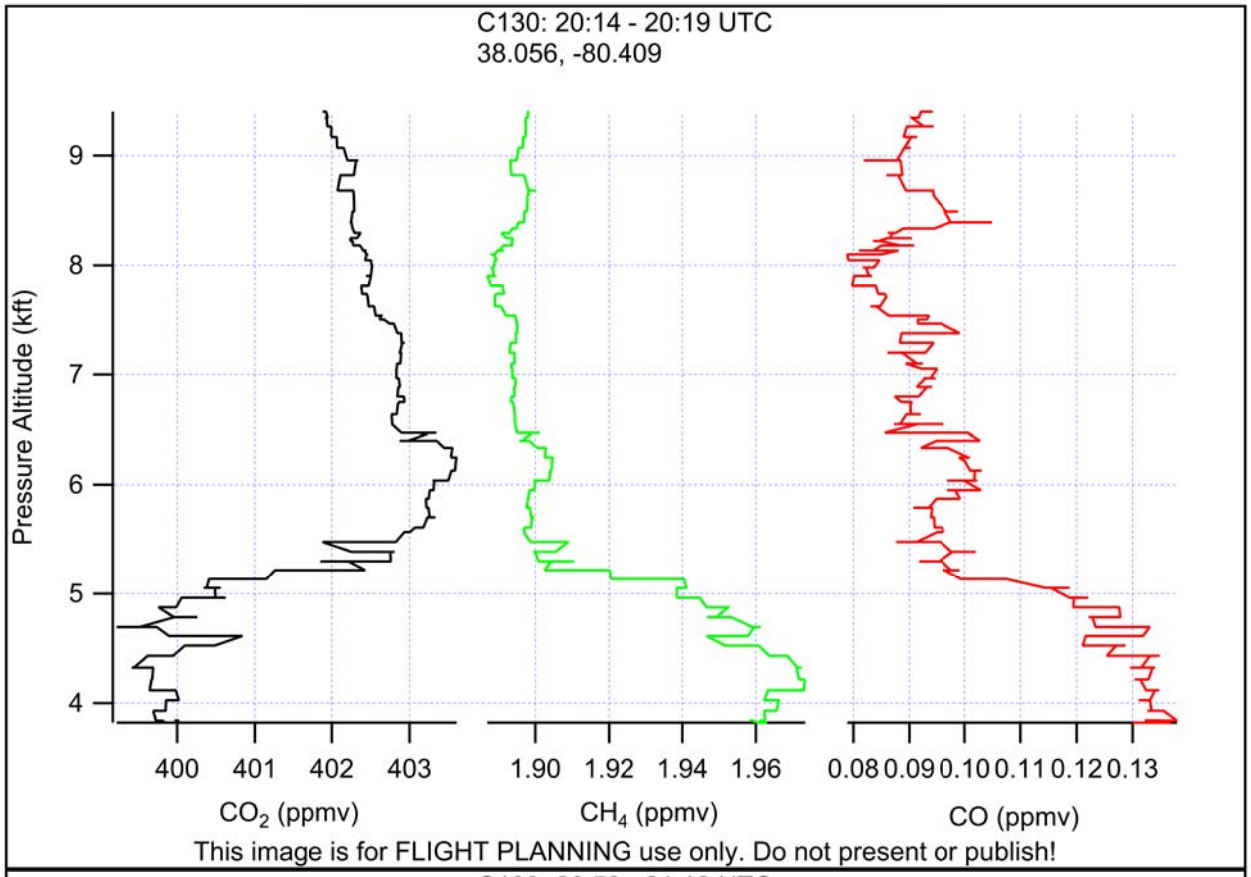

C130: 18:08 - 18:14 UTC
38.057, -80.891
Pressure Altitude (kft)
8
7
6
5
4
399
400
401
402
403
CO_2 (ppmv)
1.90
1.92
1.94
CH_4 (ppmv)
0.08
0.10
0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

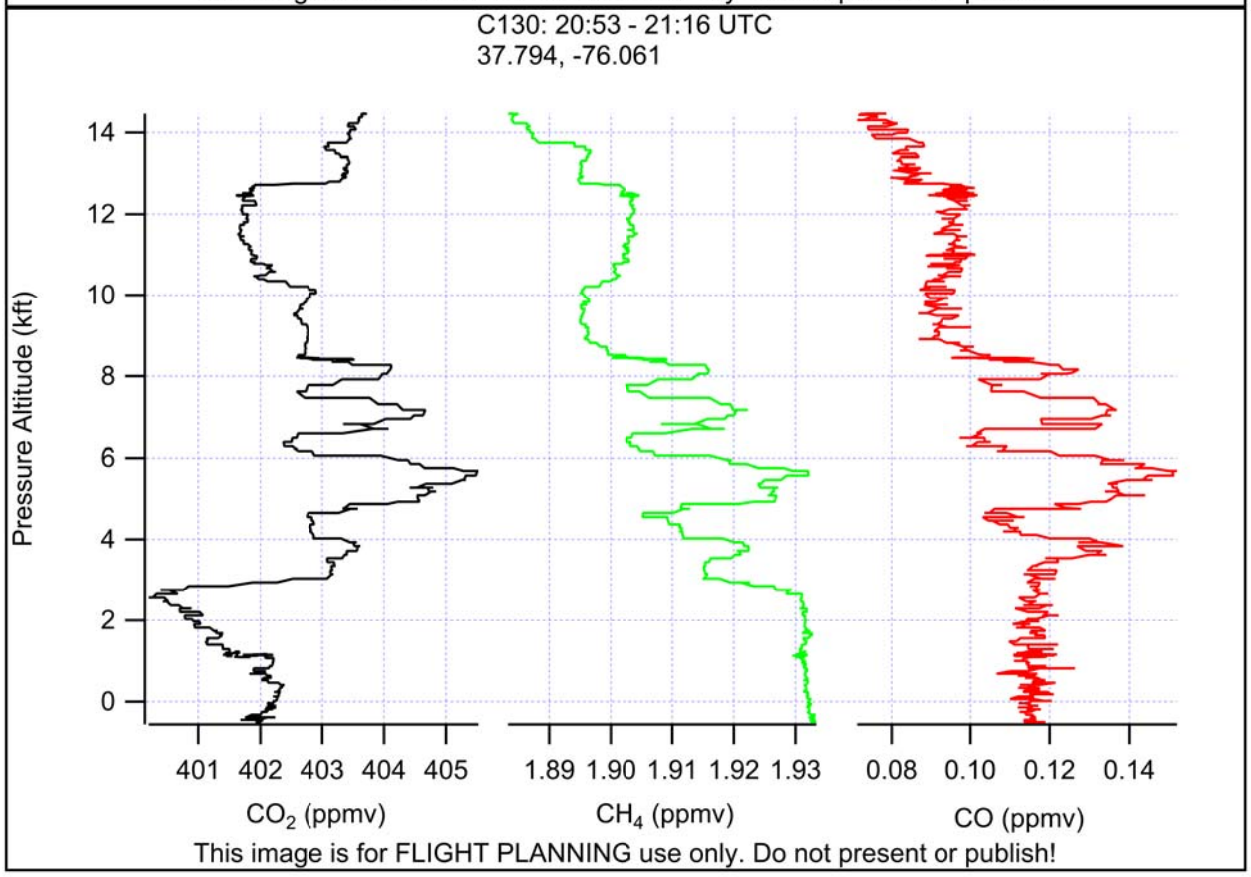

C130: 18:14 - 18:20 UTC
38.451, -80.733
Pressure Altitude (kft)
8
7
6
5
4
3
398
400
402
CO_2 (ppmv)
1.90
1.92
1.94
CH_4 (ppmv)
0.09 0.10 0.11 0.12 0.13
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

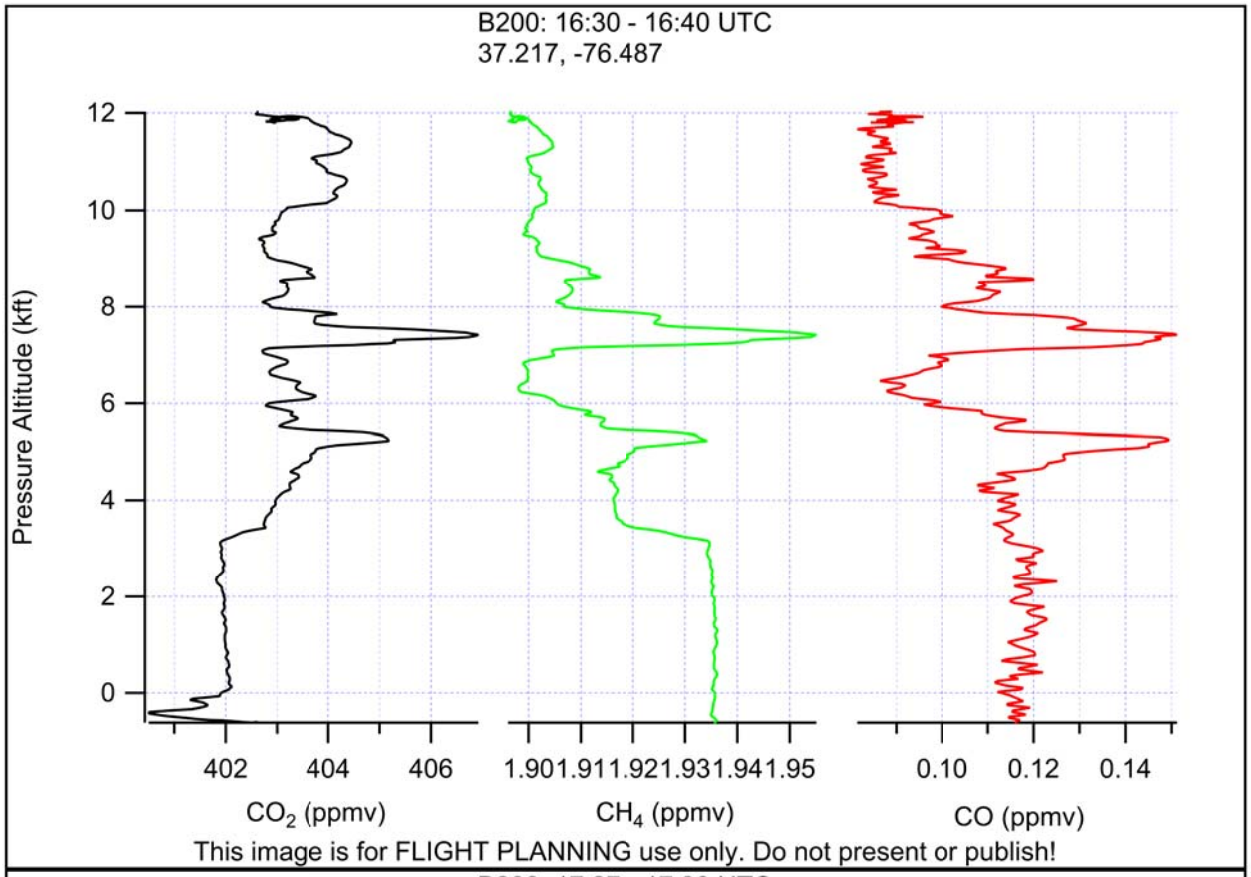

C130: 18:40 - 18:46 UTC
39.921, -80.115
Pressure Altitude (kft)
8
7
6
5
4
3
2
401.5402.0402.5403.0403.5
CO_2 (ppmv)
1.92 1.96 2.00 2.04
CH_4 (ppmv)
0.09 0.10 0.11 0.12 0.13
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

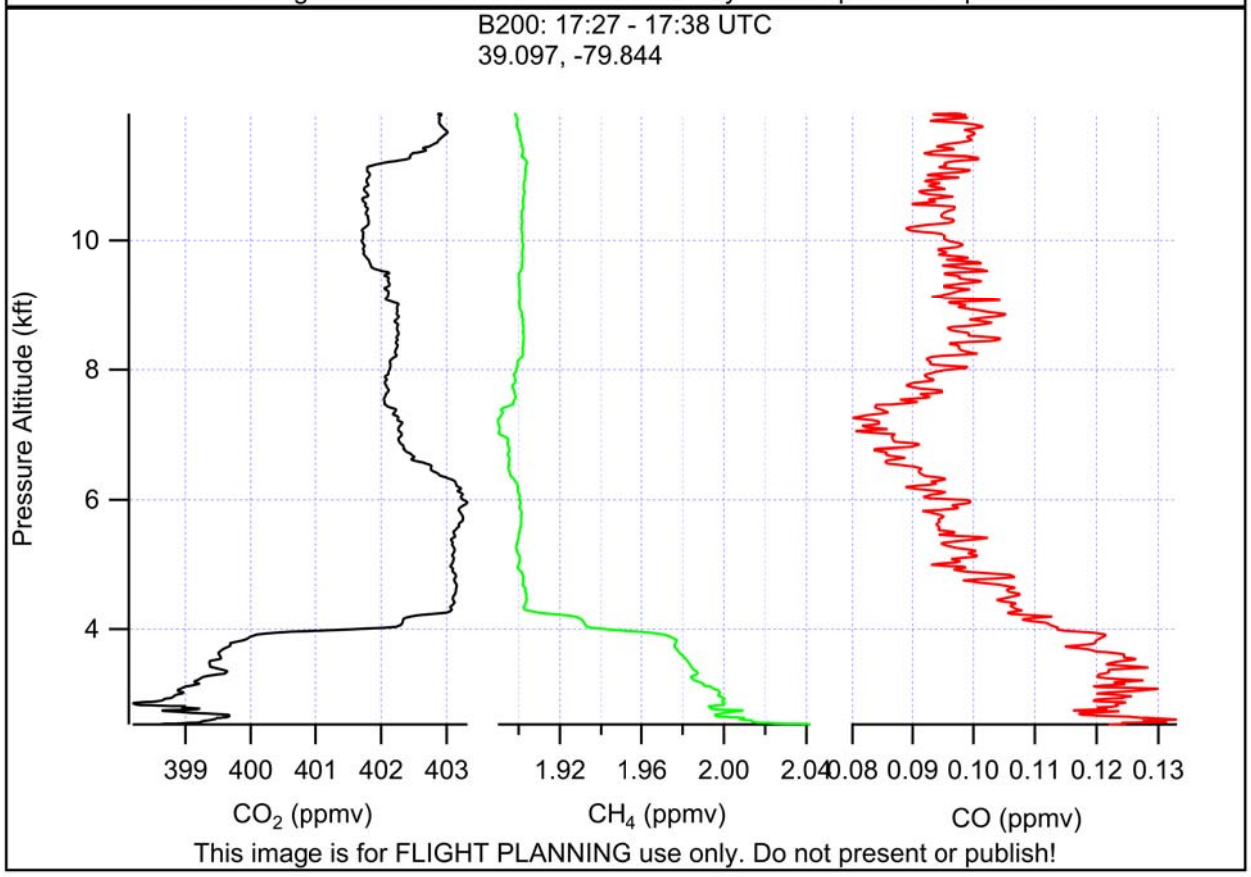

C130: 19:37 - 19:45 UTC
37.757, -83.323
Pressure Altitude (kft)
8
7
6
5
4
3
2
398 399 400 401 402 403
CO2 (ppmv)
1.90 1.92 1.94 1.96 1.98
CH4 (ppmv)
0.10 0.12 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

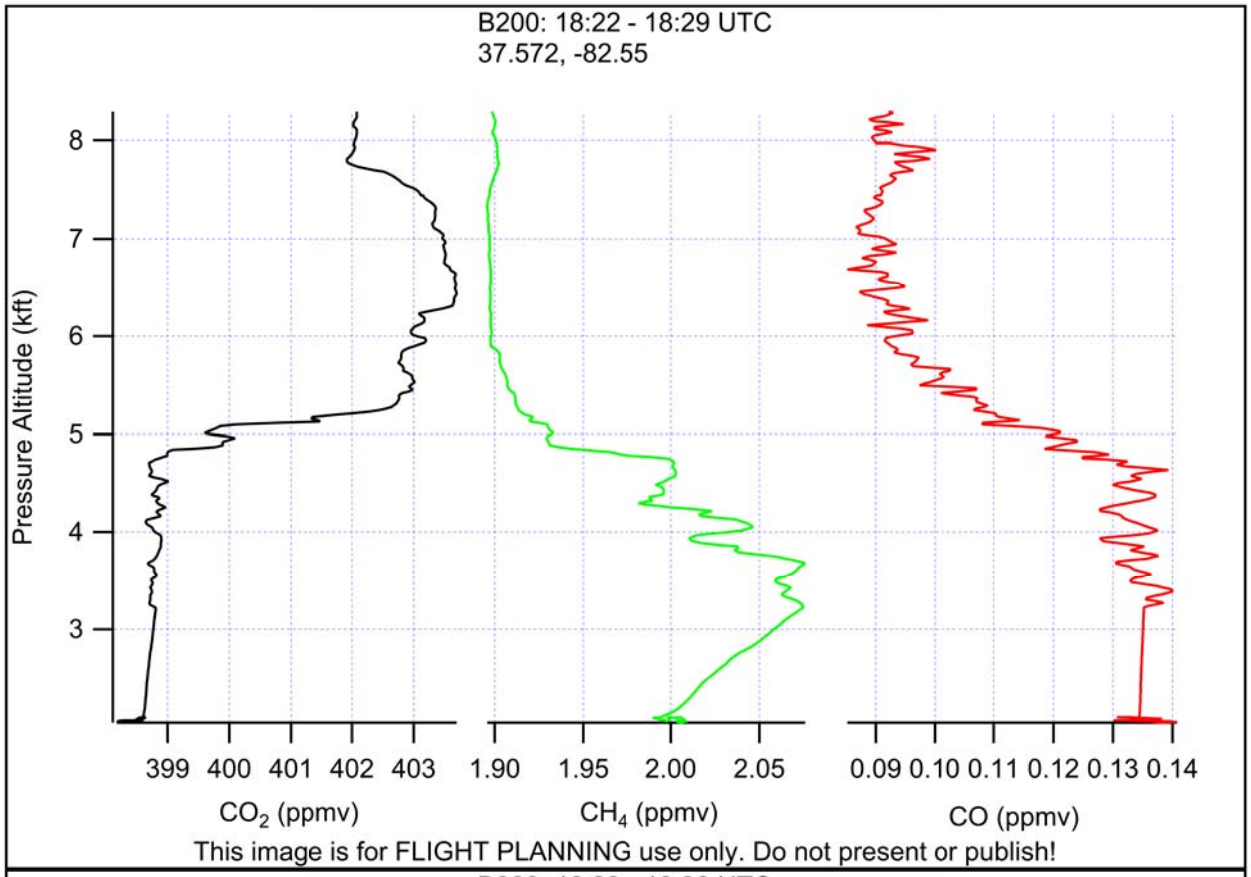

C130: 20:08 - 20:14 UTC
38.014, -80.88
Pressure Altitude (kft)
8
7
6
5
4
400 401 402 403
CO2 (ppmv)
1.90 1.92 1.94 1.96
CH4 (ppmv)
0.08 0.10 0.12 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

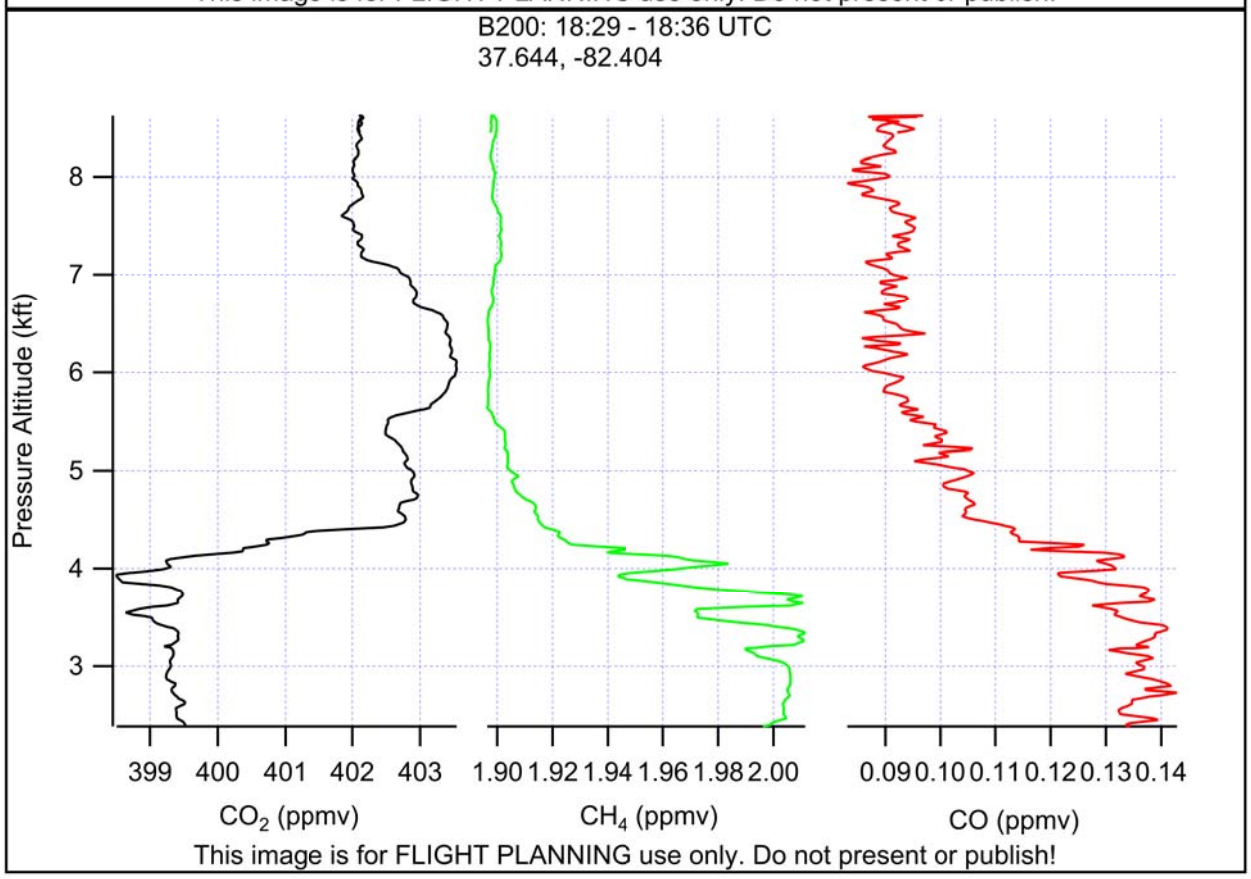

C130: 20:14 - 20:19 UTC
38.056, -80.409
Pressure Altitude (kft)
9
8
7
6
5
4
400 401 402 403
CO2 (ppmv)
1.90 1.92 1.94 1.96
CH4 (ppmv)
0.08 0.09 0.10 0.11 0.12 0.13
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

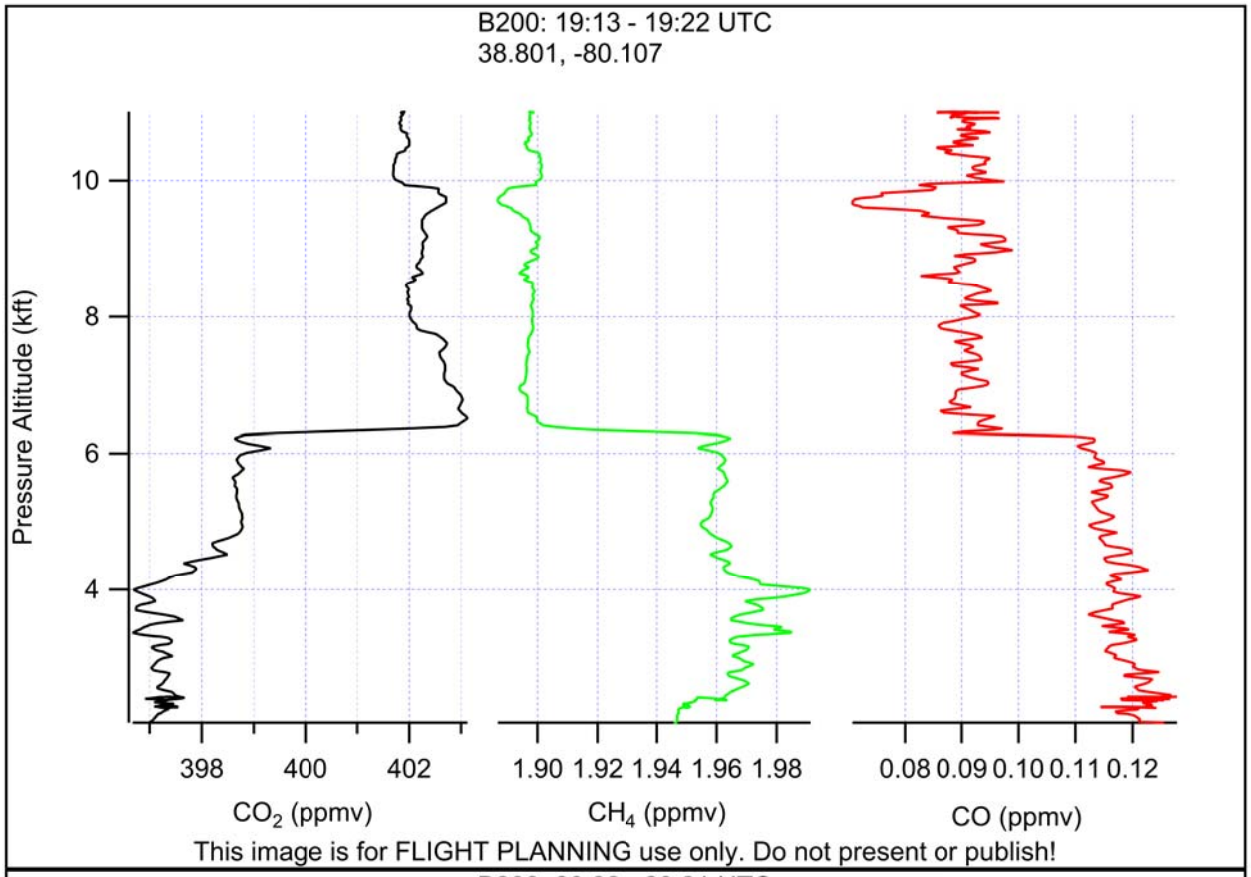

C130: 20:53 - 21:16 UTC
37.794, -76.061
Pressure Altitude (kft)
14
12
10
8
6
4
2
0
401 402 403 404 405
CO2 (ppmv)
1.89 1.90 1.91 1.92 1.93
CH4 (ppmv)
0.08 0.10 0.12 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

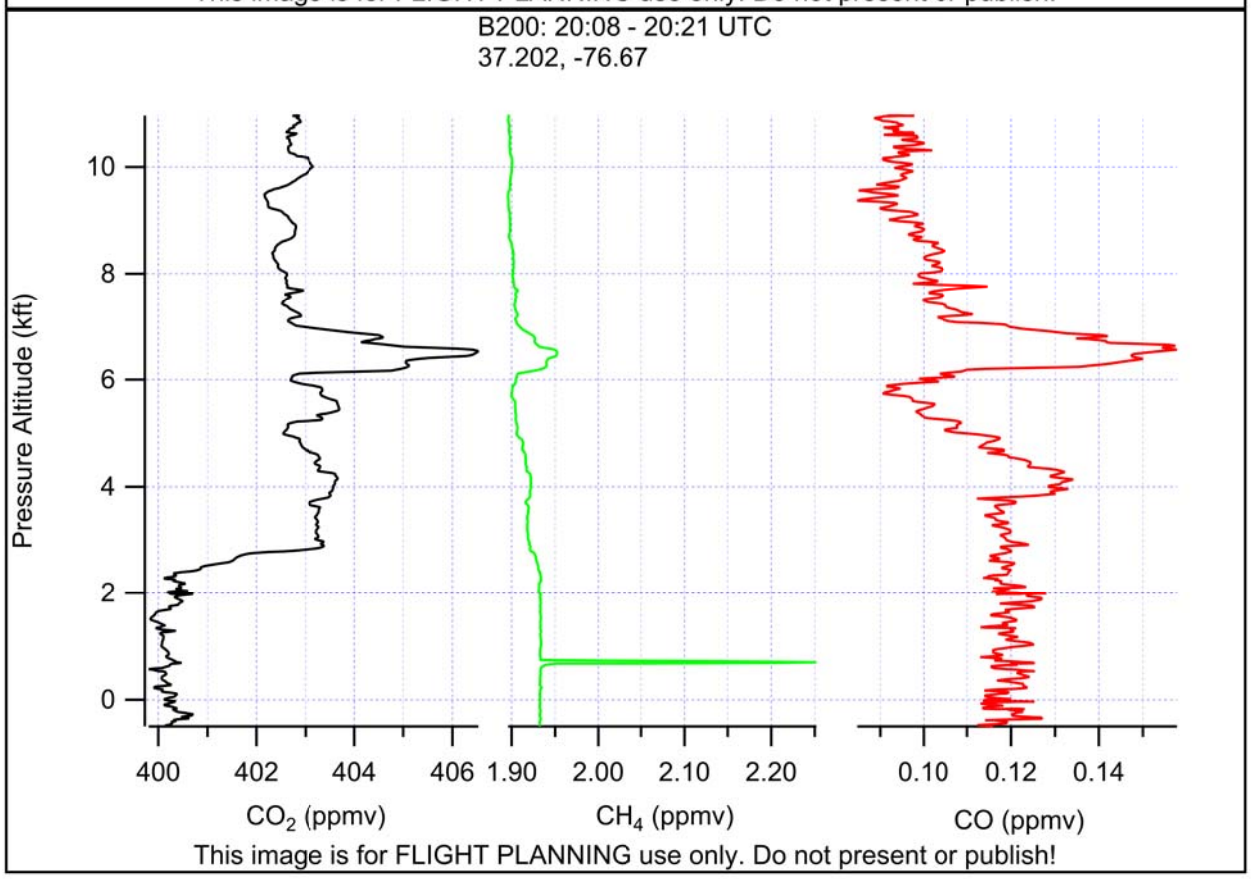

B200: 16:30 - 16:40 UTC
37.217, -76.487
Pressure Altitude (kft)
12
10
8
6
4
2
0
402
404
406
1.90
1.91
1.92
1.93
1.94
1.95
0.10
0.12
0.14
CO2 (ppmv)
CH4 (ppmv)
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

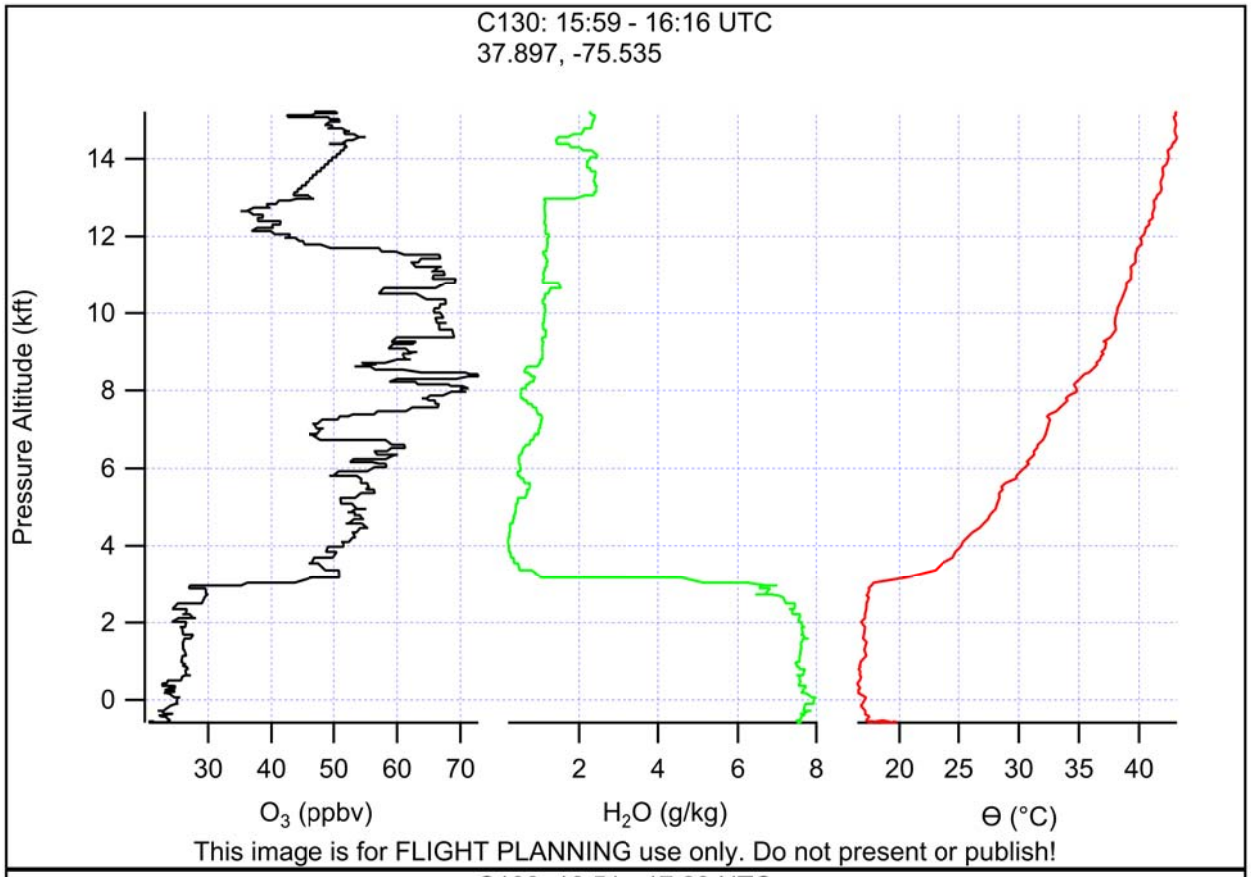

B200: 17:27 - 17:38 UTC
39.097, -79.844
Pressure Altitude (kft)
10
8
6
4
399
400
401
402
403
1.92
1.96
2.00
2.04
0.08
0.09
0.10
0.11
0.12
0.13
CO2 (ppmv)
CH4 (ppmv)
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

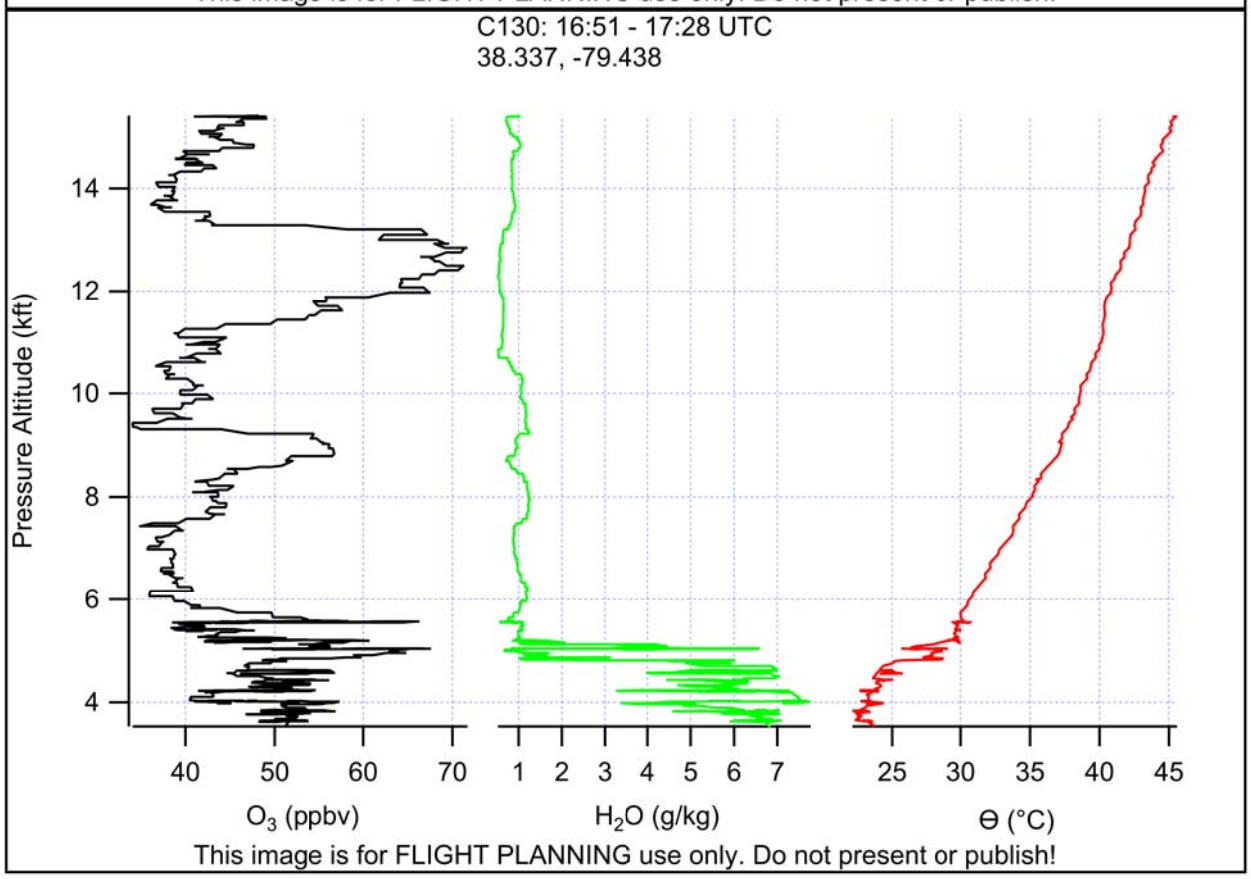

B200: 18:22 - 18:29 UTC
37.572, -82.55
Pressure Altitude (kft)
8
7
6
5
4
3
399 400 401 402 403
CO2 (ppmv)
1.90 1.95 2.00 2.05
CH4 (ppmv)
0.09 0.10 0.11 0.12 0.13 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

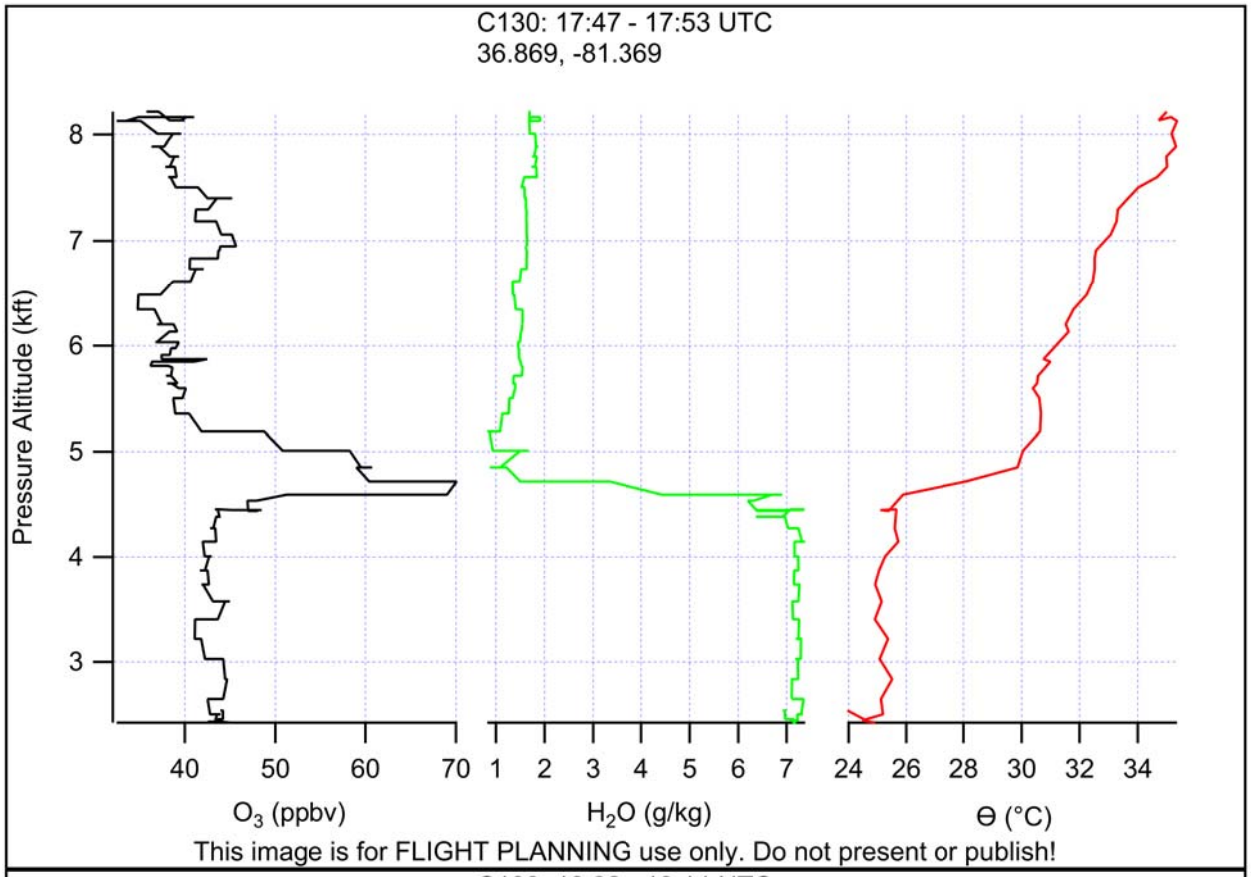

B200: 18:29 - 18:36 UTC
37.644, -82.404
Pressure Altitude (kft)
8
7
6
5
4
3
399 400 401 402 403
CO2 (ppmv)
1.90 1.92 1.94 1.96 1.98 2.00
CH4 (ppmv)
0.09 0.10 0.11 0.12 0.13 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

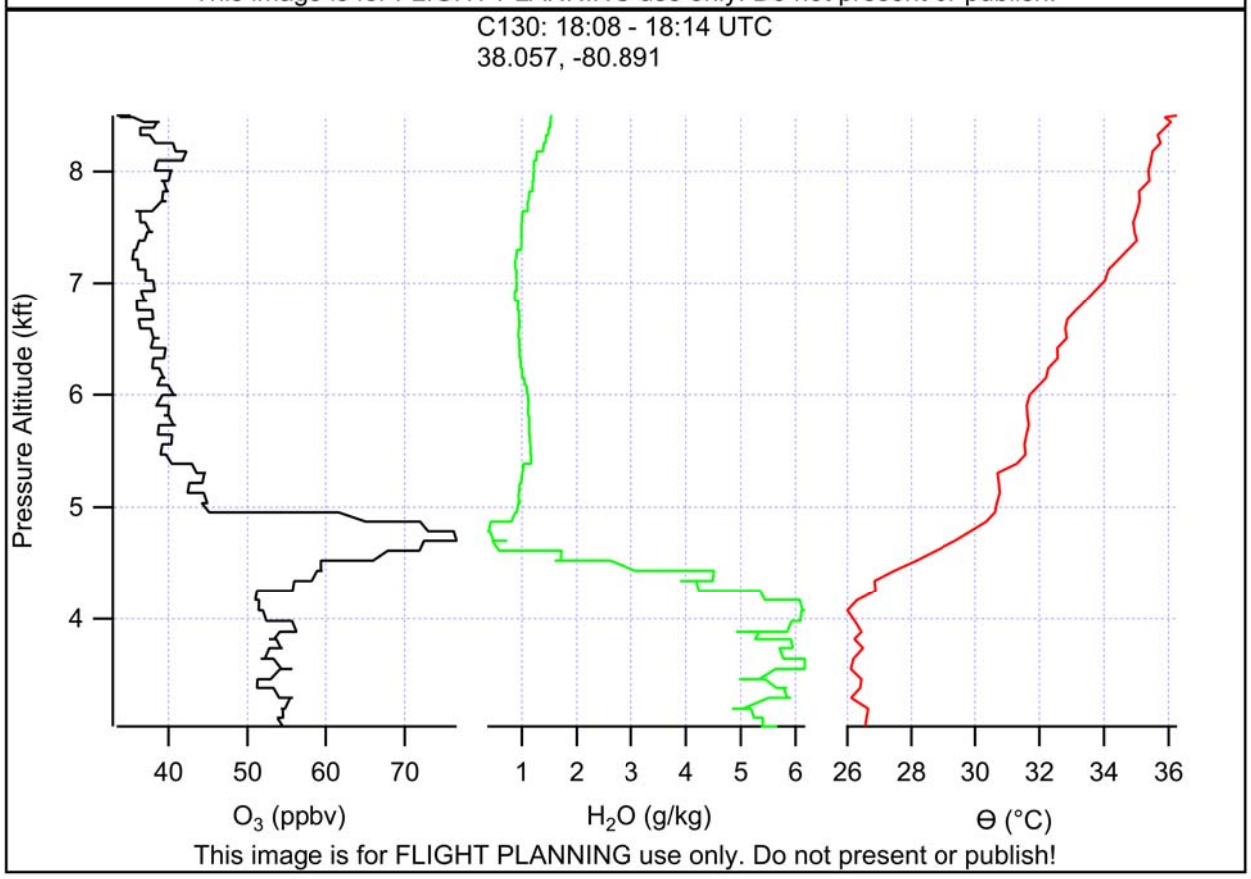

B200: 19:13 - 19:22 UTC
38.801, -80.107
Pressure Altitude (kft)
10
8
6
4
398
400
402
CO_2 (ppmv)
1.90 1.92 1.94 1.96 1.98
CH_4 (ppmv)
0.08 0.09 0.10 0.11 0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

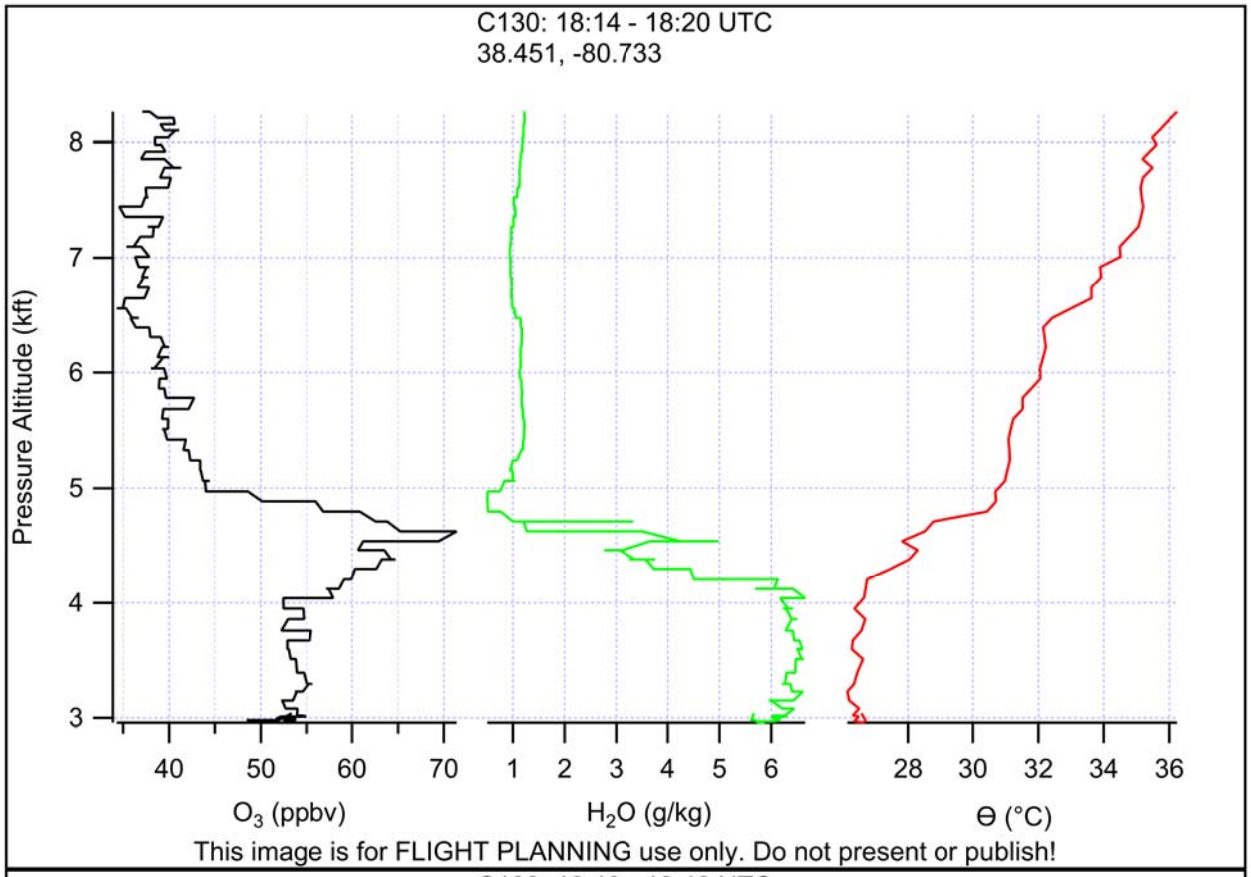

B200: 20:08 - 20:21 UTC
37.202, -76.67
Pressure Altitude (kft)
10
8
6
4
2
0
400
402
404
406
CO_2 (ppmv)
1.90
2.00
2.10
2.20
CH_4 (ppmv)
0.10
0.12
0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

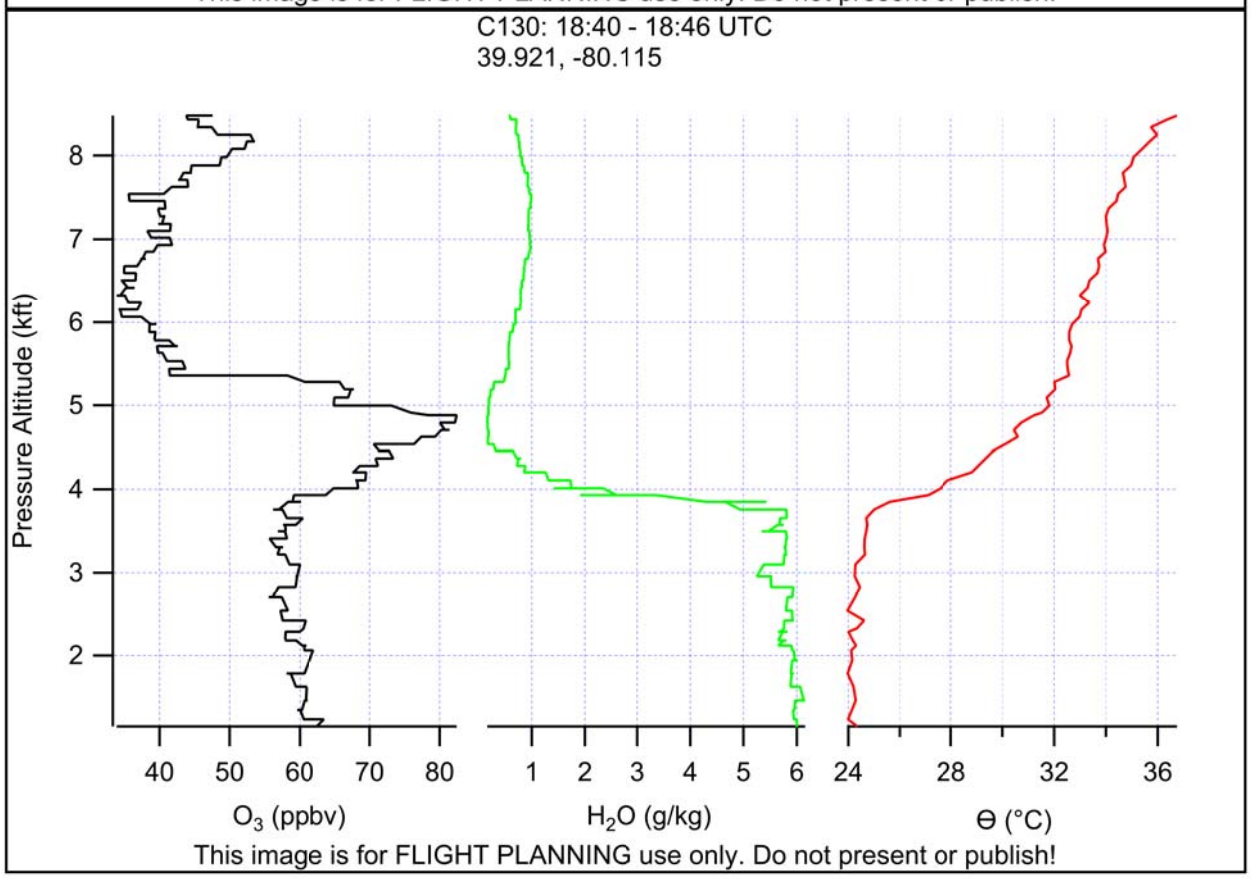

C130: 15:59 - 16:16 UTC
37.897, -75.535
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
30 40 50 60 70
O3 (ppbv)
2 4 6 8
H2O (g/kg)
20 25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

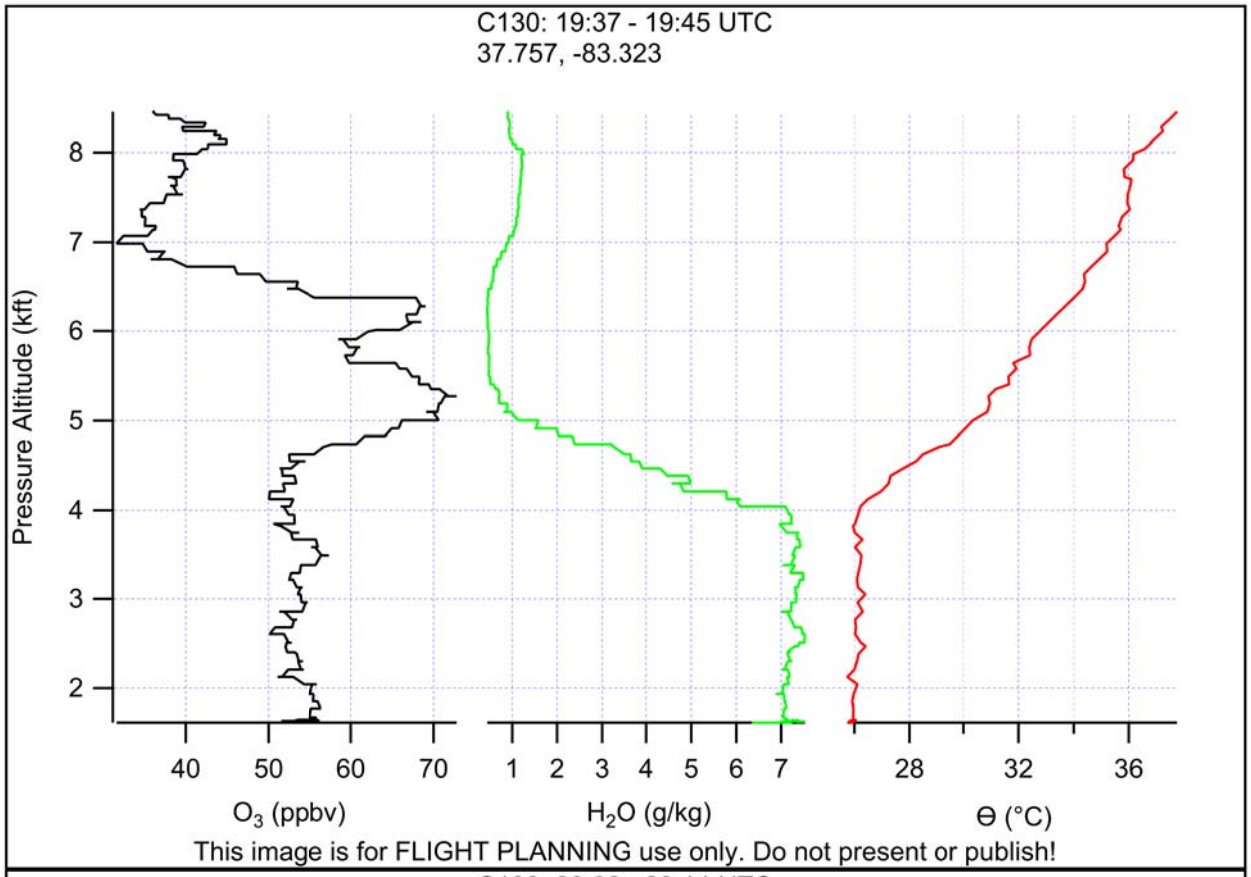

C130: 16:51 - 17:28 UTC
38.337, -79.438
Pressure Altitude (kft)
4
6
8
10
12
14
40 50 60 70
O3 (ppbv)
1 2 3 4 5 6 7
H2O (g/kg)
25 30 35 40 45
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

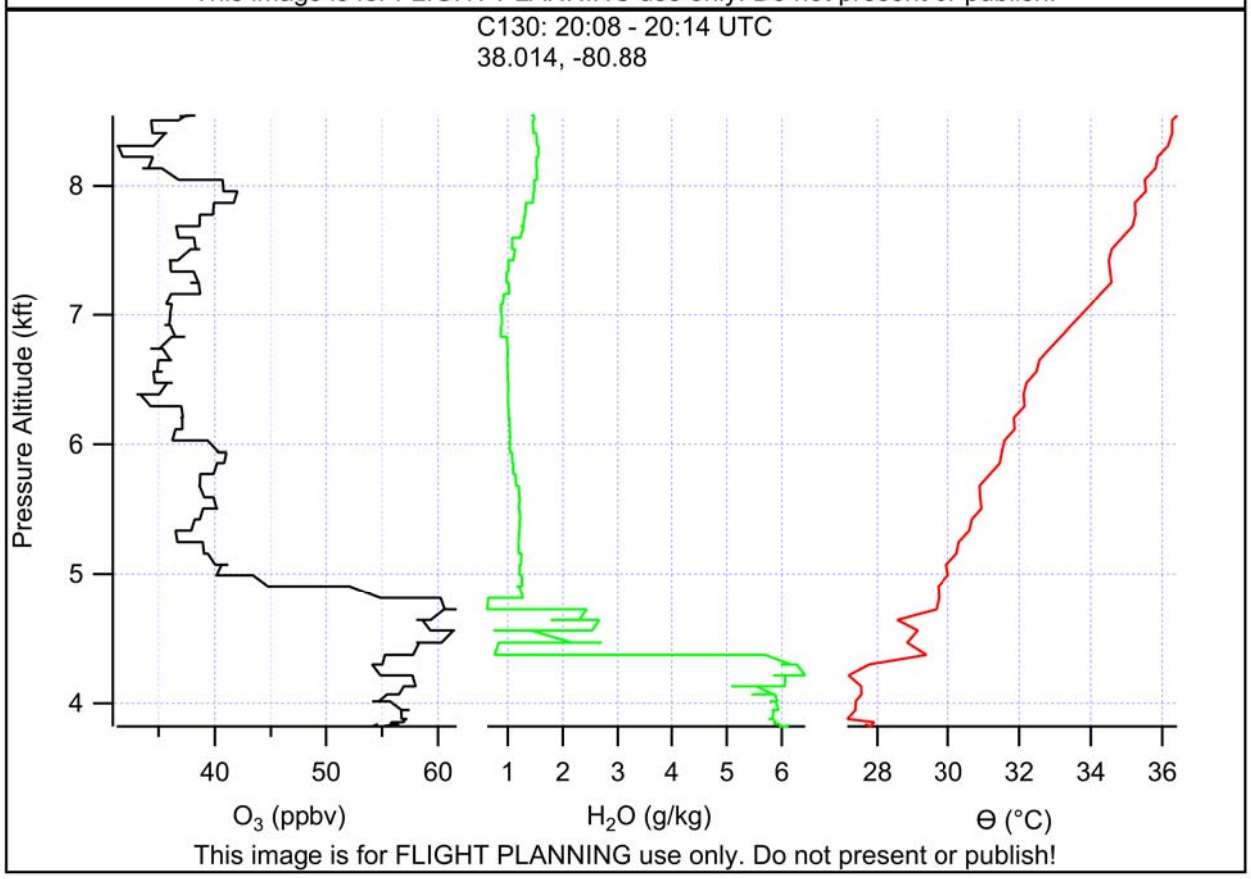

C130: 17:47 - 17:53 UTC
36.869, -81.369
Pressure Altitude (kft)
8
7
6
5
4
3
40 50 60 70
O3 (ppbv)
1 2 3 4 5 6 7
H2O (g/kg)
24 26 28 30 32 34
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

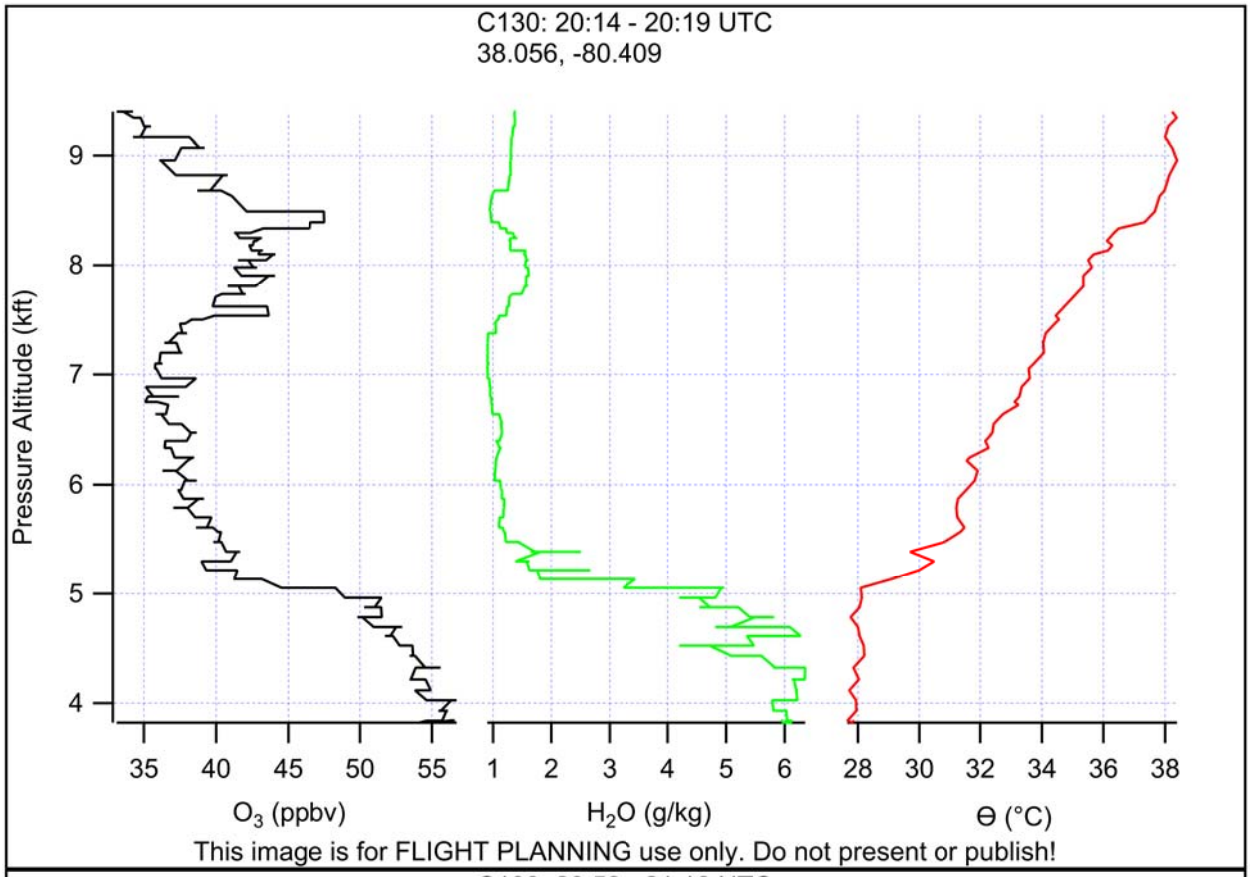

C130: 18:08 - 18:14 UTC
38.057, -80.891
Pressure Altitude (kft)
8
7
6
5
4
40 50 60 70
O3 (ppbv)
1 2 3 4 5 6
H2O (g/kg)
26 28 30 32 34 36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

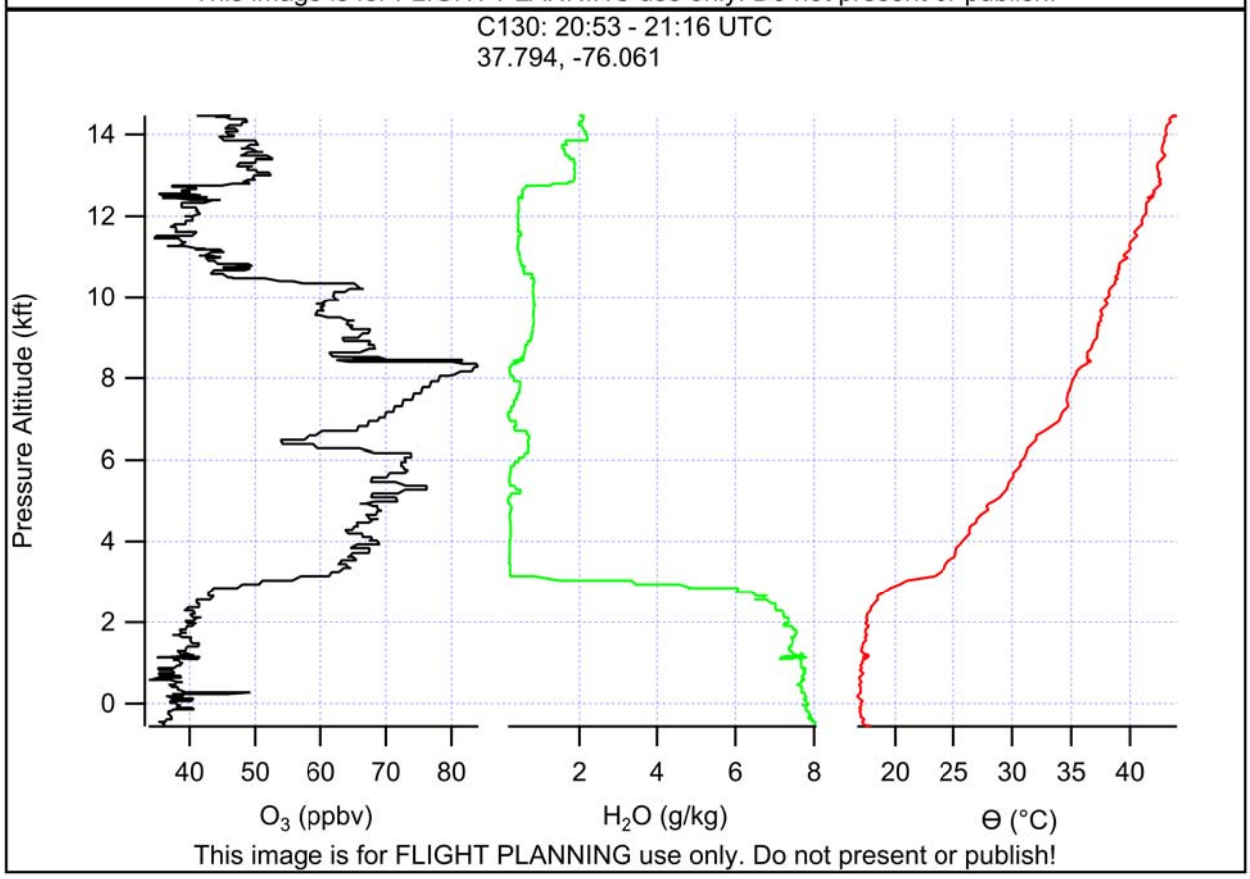

C130: 18:14 - 18:20 UTC
38.451, -80.733
Pressure Altitude (kft)
8
7
6
5
4
3
40
50
60
70
O3 (ppbv)
1
2
3
4
5
6
H2O (g/kg)
28
30
32
34
36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

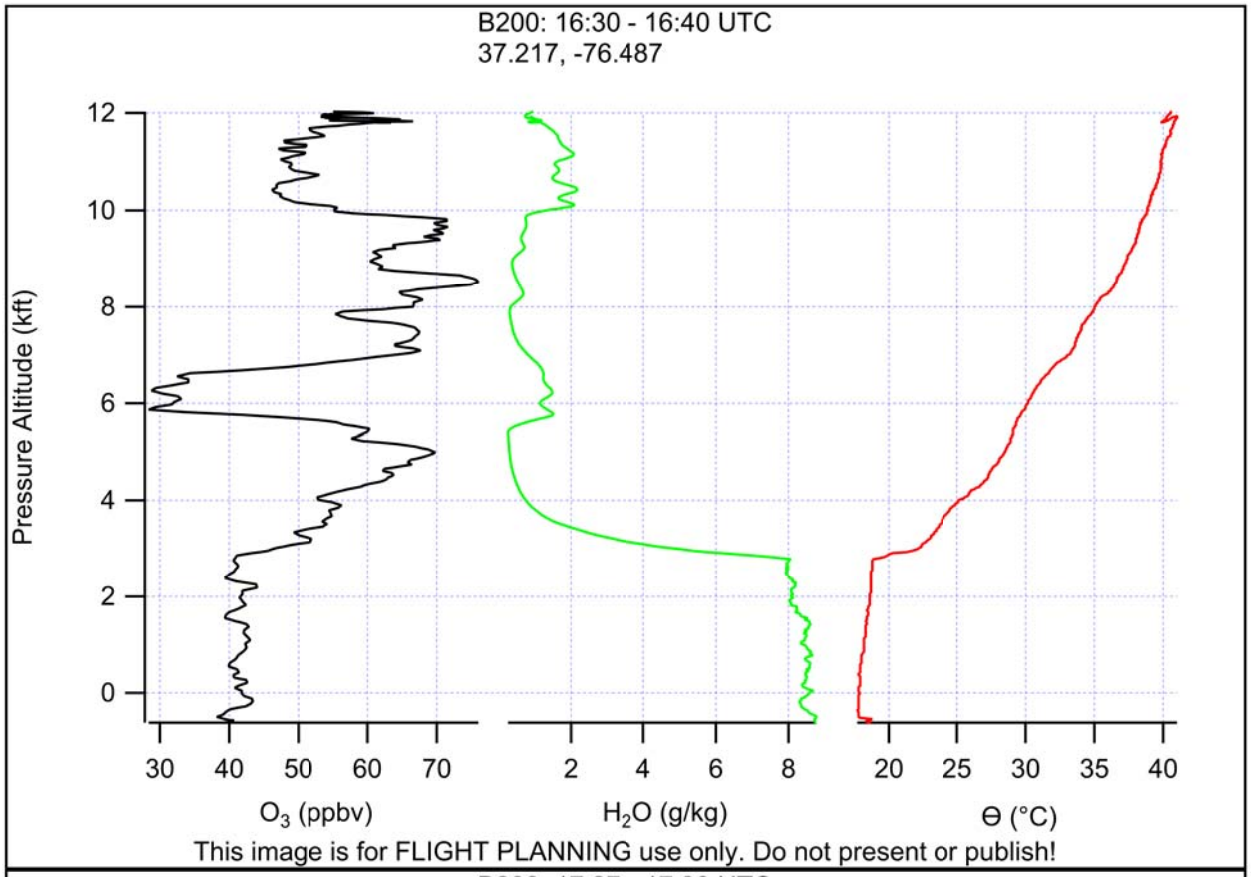

C130: 18:40 - 18:46 UTC
39.921, -80.115
Pressure Altitude (kft)
8
7
6
5
4
3
2
40
50
60
70
80
O3 (ppbv)
1
2
3
4
5
6
H2O (g/kg)
24
28
32
36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

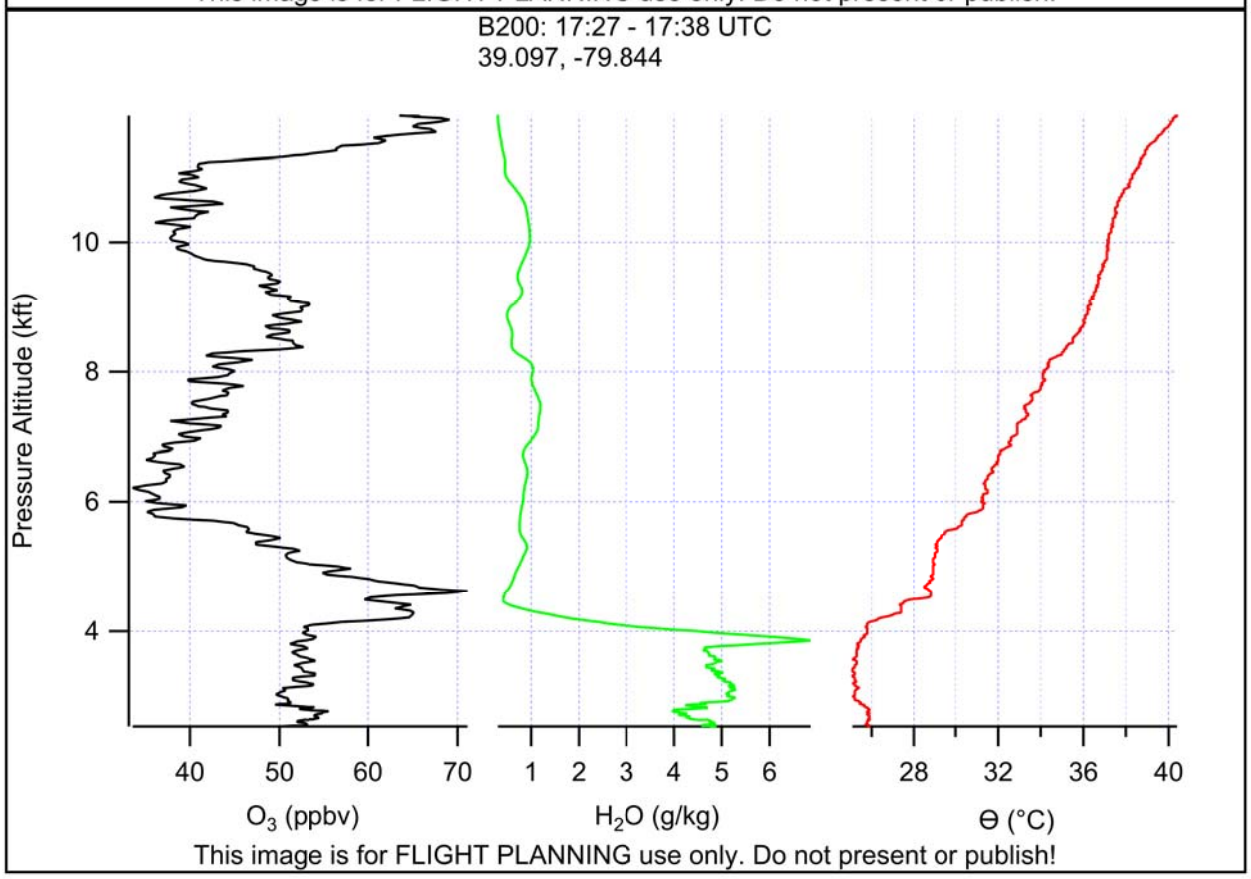

C130: 19:37 - 19:45 UTC
37.757, -83.323
Pressure Altitude (kft)
8
7
6
5
4
3
2
40 50 60 70
O3 (ppbv)
1 2 3 4 5 6 7
H2O (g/kg)
28 32 36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

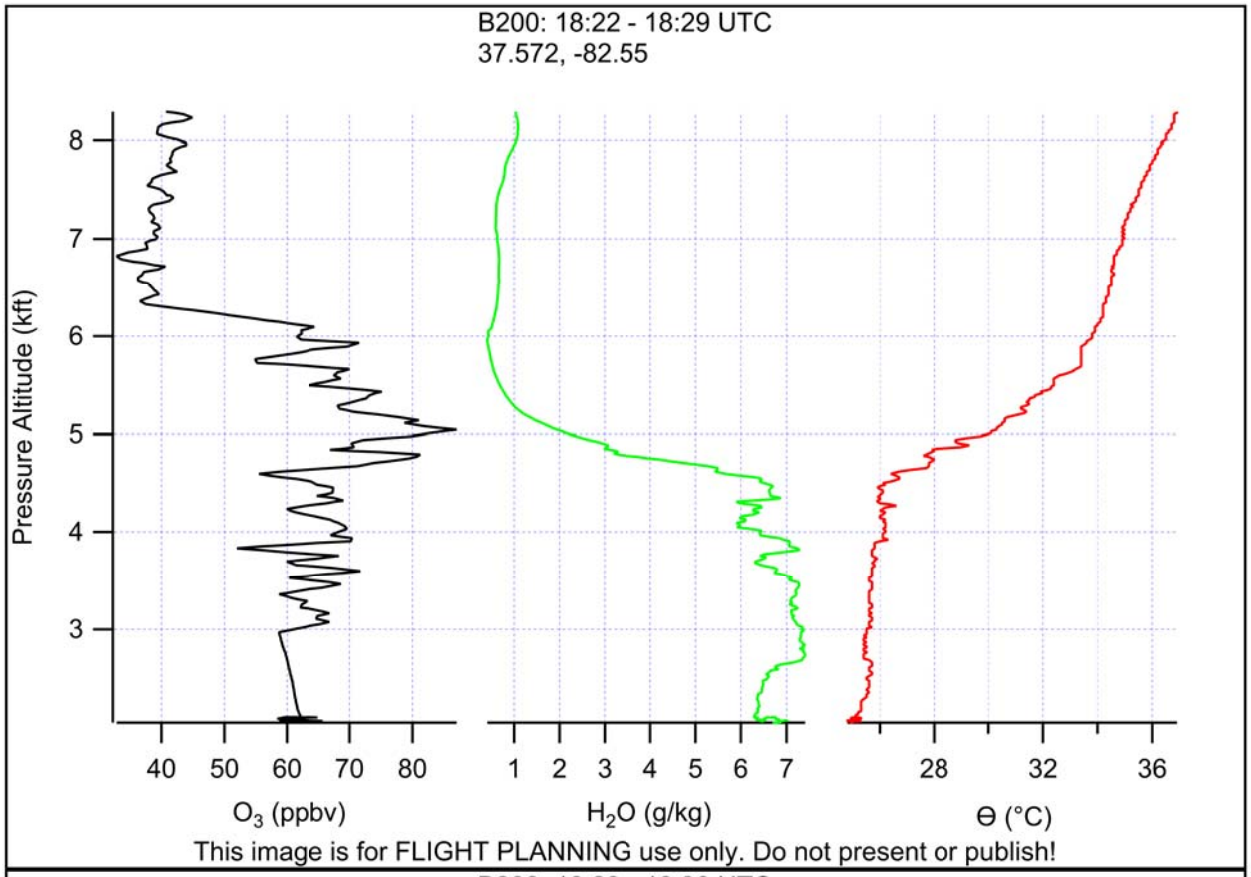

C130: 20:08 - 20:14 UTC
38.014, -80.88
Pressure Altitude (kft)
8
7
6
5
4
40 50 60
O3 (ppbv)
1 2 3 4 5 6
H2O (g/kg)
28 30 32 34 36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

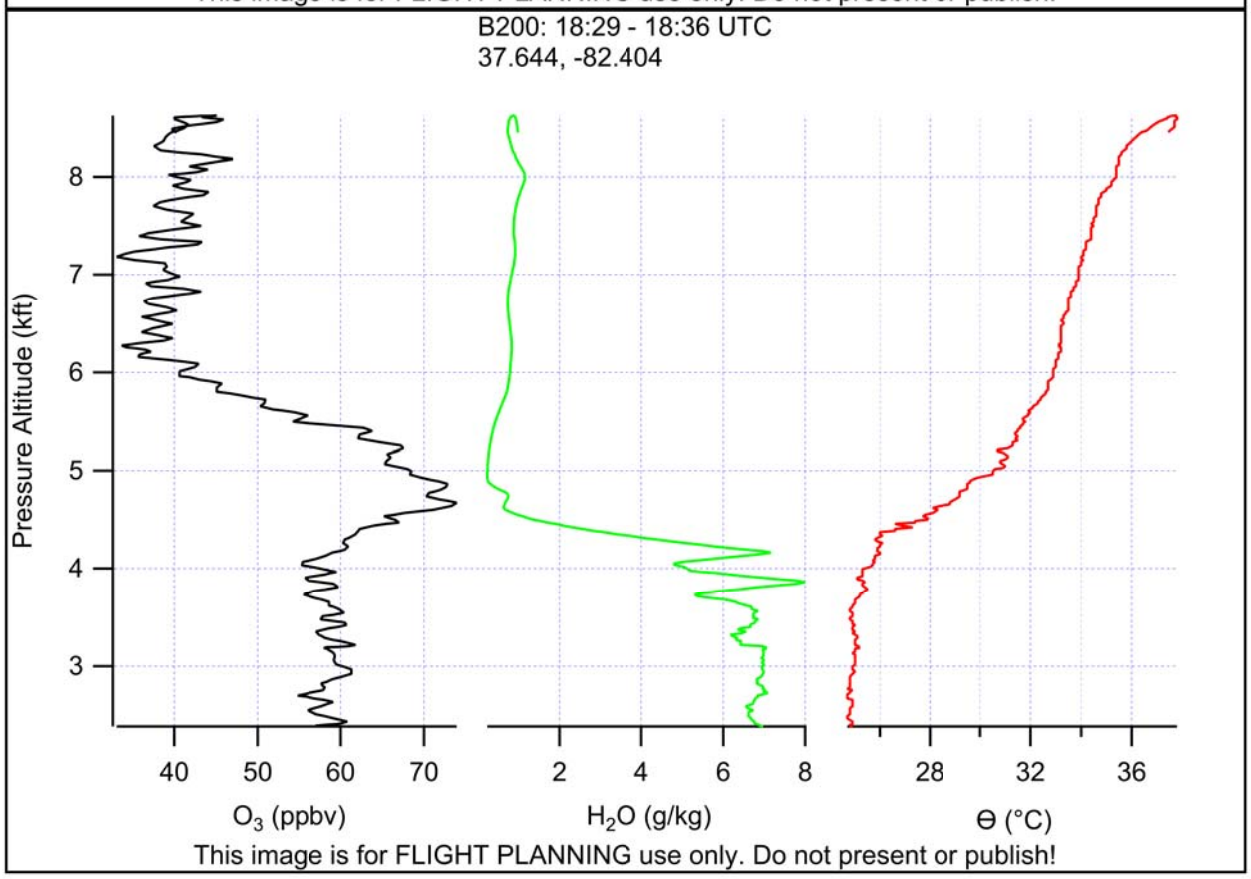

C130: 20:14 - 20:19 UTC
38.056, -80.409
Pressure Altitude (kft)
9
8
7
6
5
4
35 40 45 50 55
O3 (ppbv)
1 2 3 4 5 6
H2O (g/kg)
28 30 32 34 36 38
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

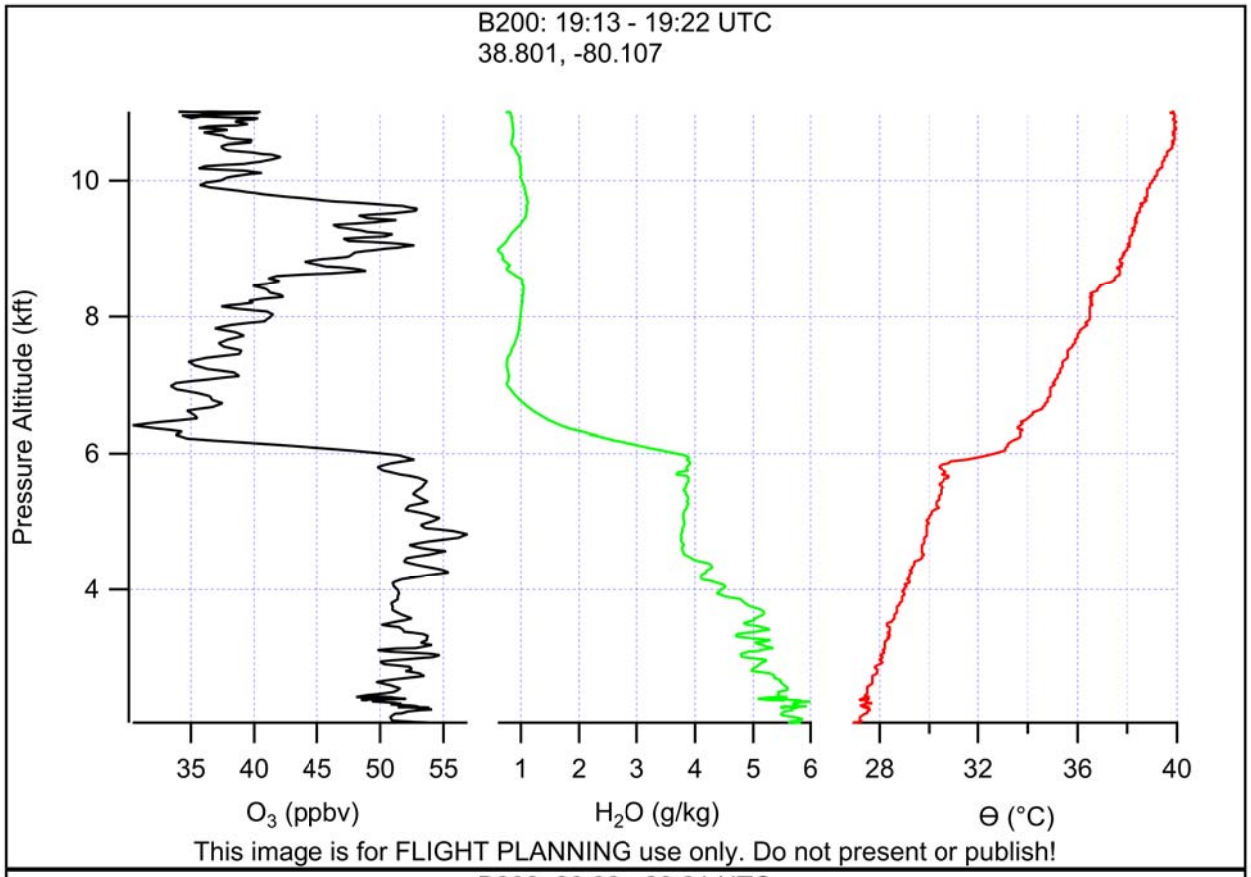

C130: 20:53 - 21:16 UTC
37.794, -76.061
Pressure Altitude (kft)
14
12
10
8
6
4
2
0
40 50 60 70 80
O3 (ppbv)
2 4 6 8
H2O (g/kg)
20 25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

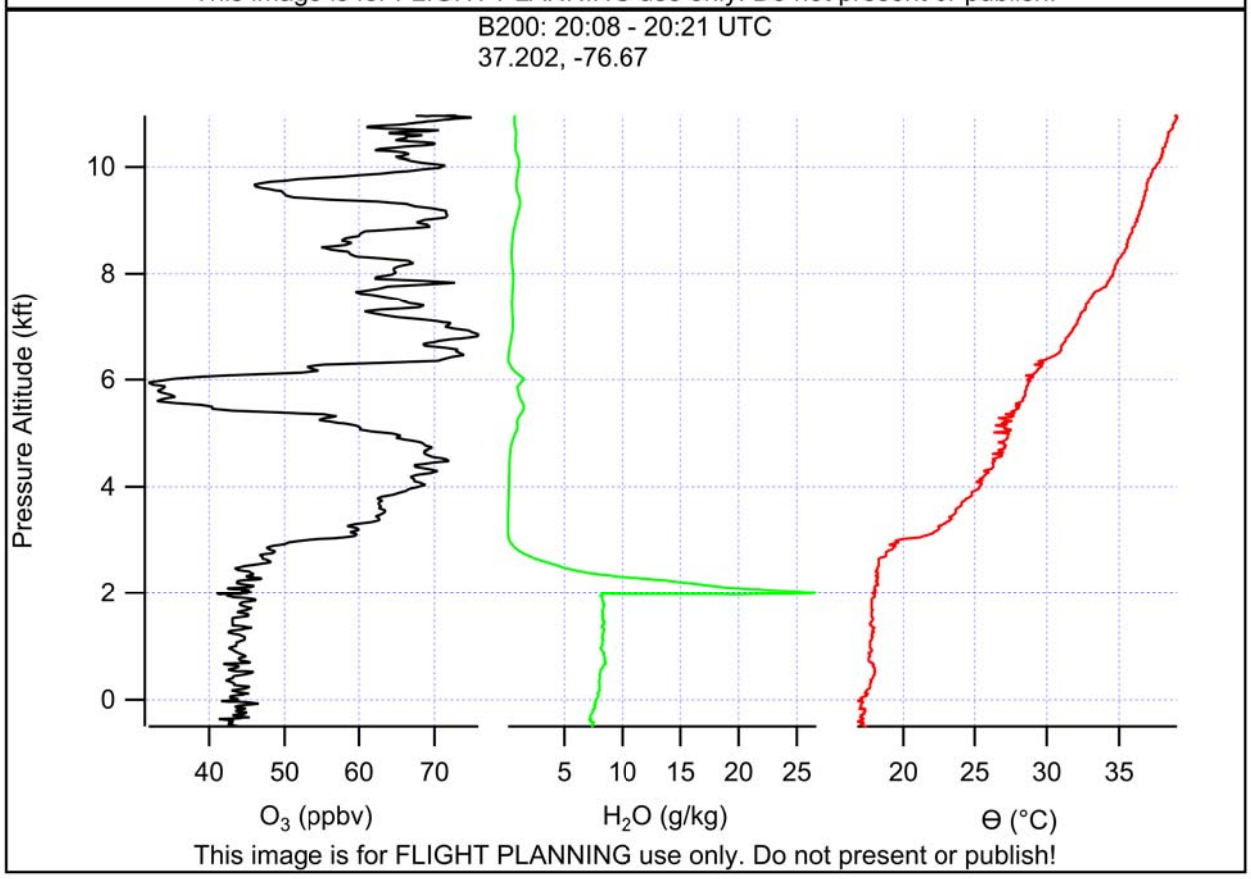

B200: 16:30 - 16:40 UTC
37.217, -76.487
Pressure Altitude (kft)
12
10
8
6
4
2
0
30 40 50 60 70
O3 (ppbv)
2 4 6 8
H2O (g/kg)
20 25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:27 - 17:38 UTC
39.097, -79.844
Pressure Altitude (kft)
10
8
6
4
40 50 60 70
O3 (ppbv)
1 2 3 4 5 6
H2O (g/kg)
28 32 36 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:22 - 18:29 UTC
37.572, -82.55
Pressure Altitude (kft)
8
7
6
5
4
3
40 50 60 70 80
O3 (ppbv)
1 2 3 4 5 6 7
H2O (g/kg)
28 32 36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:29 - 18:36 UTC
37.644, -82.404
Pressure Altitude (kft)
8
7
6
5
4
3
40 50 60 70
O3 (ppbv)
2 4 6 8
H2O (g/kg)
28 32 36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:13 - 19:22 UTC
38.801, -80.107
Pressure Altitude (kft)
10
8
6
4
35 40 45 50 55
O3 (ppbv)
1 2 3 4 5 6
H2O (g/kg)
28 32 36 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 20:08 - 20:21 UTC
37.202, -76.67
Pressure Altitude (kft)
10
8
6
4
2
0
40 50 60 70
O3 (ppbv)
5 10 15 20 25
H2O (g/kg)
20 25 30 35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!