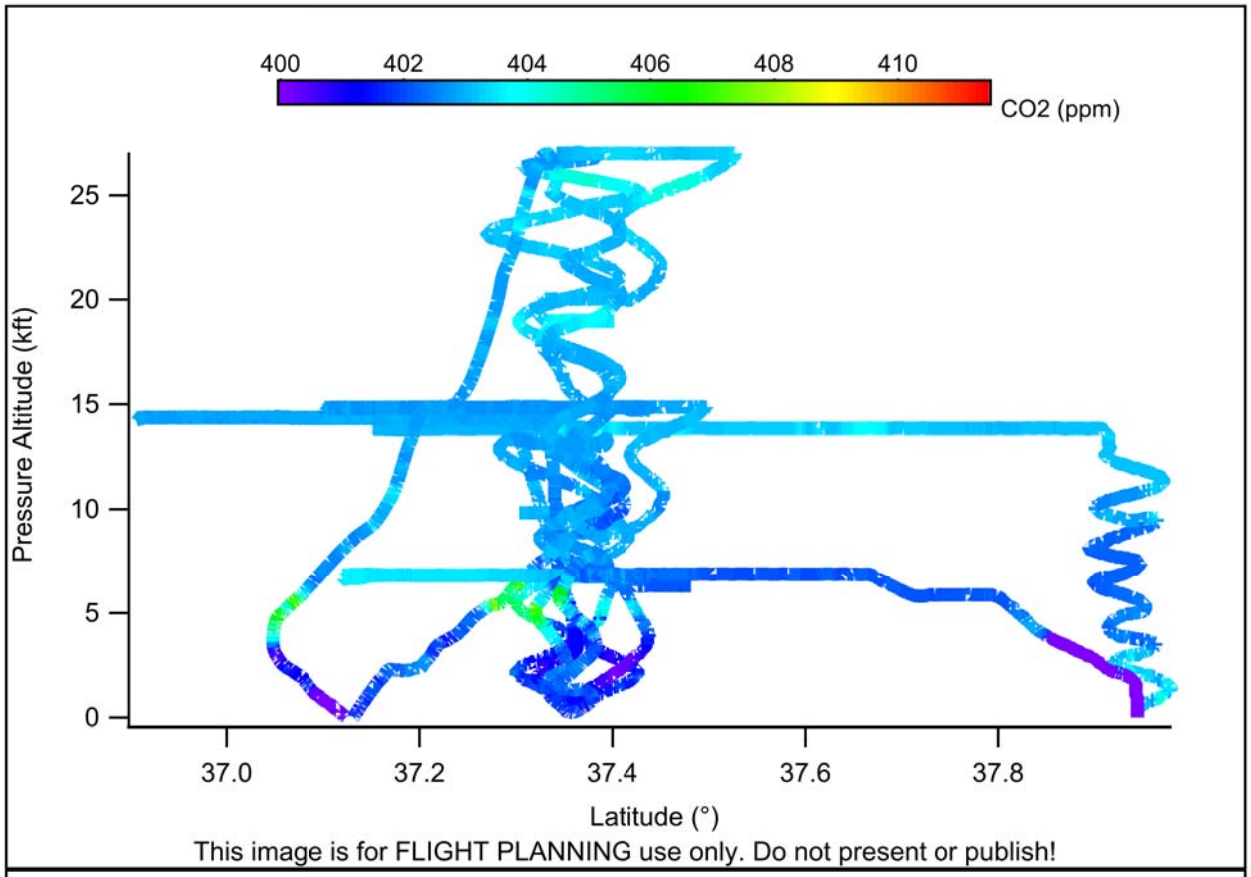
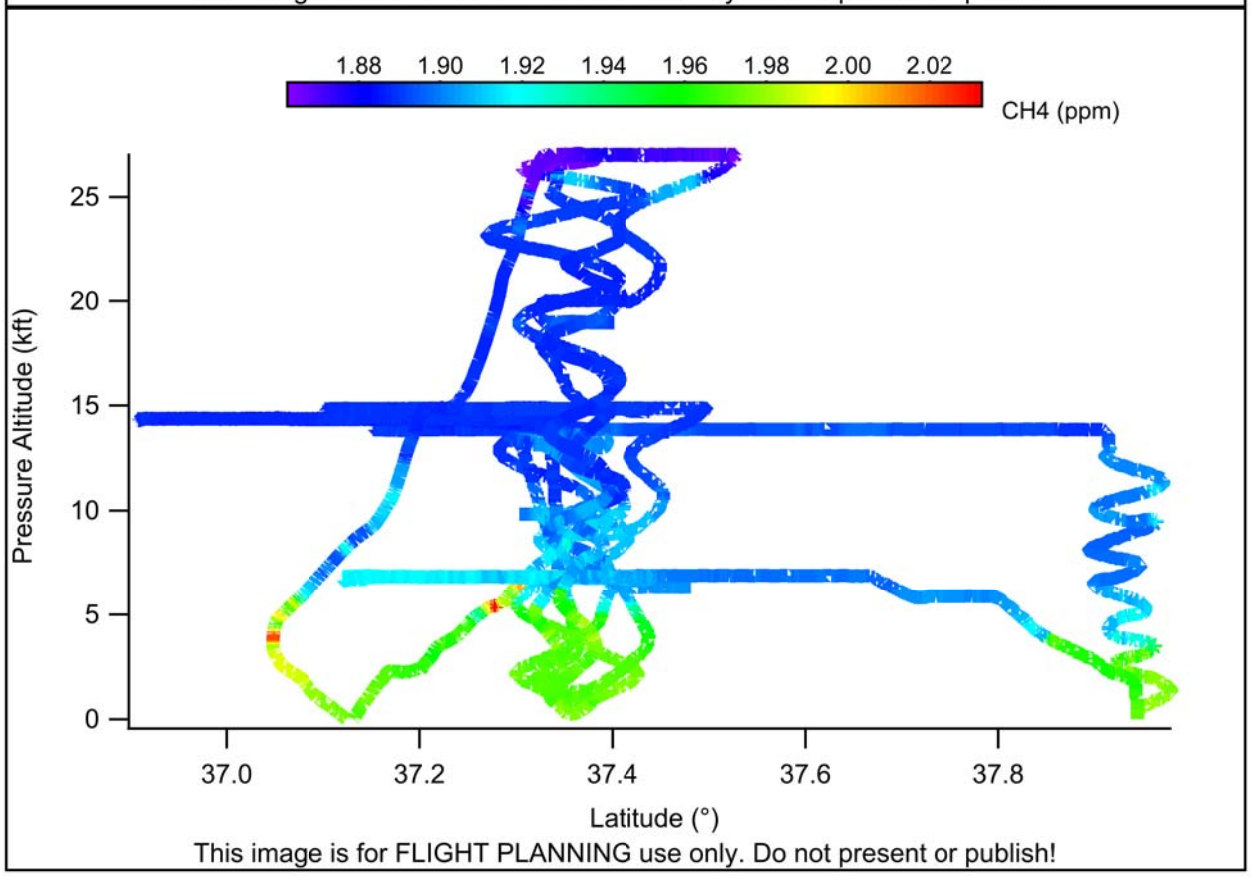
ACT-America 20170929


400
402
404
406
408
410
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
37.0
37.2
37.4
37.6
37.8
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1.88
1.90
1.92
1.94
1.96
1.98
2.00
2.02
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
37.0
37.2
37.4
37.6
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Latitude (°)
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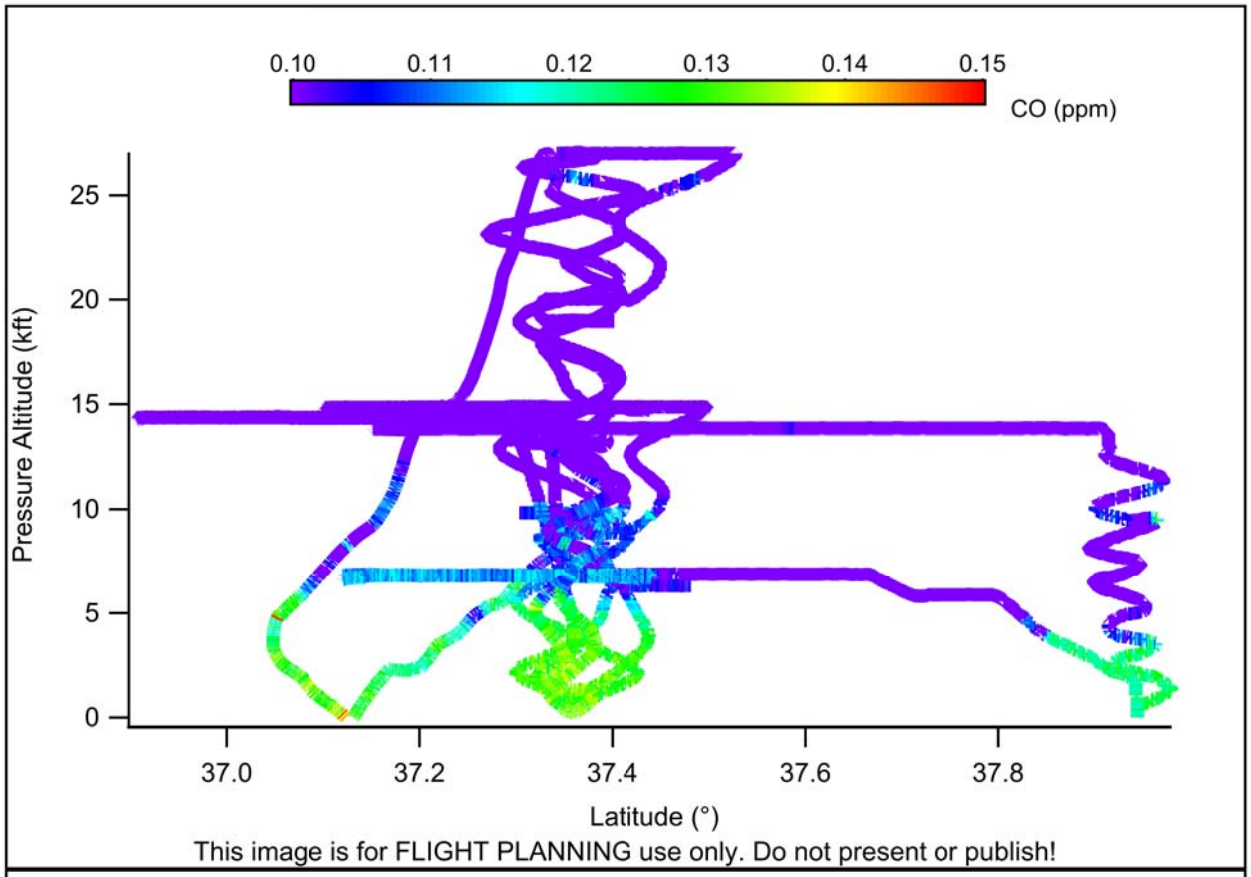
0.10
0.11
0.12
0.13
0.14
0.15
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
37.0
37.2
37.4
37.6
37.8
Latitude (°)
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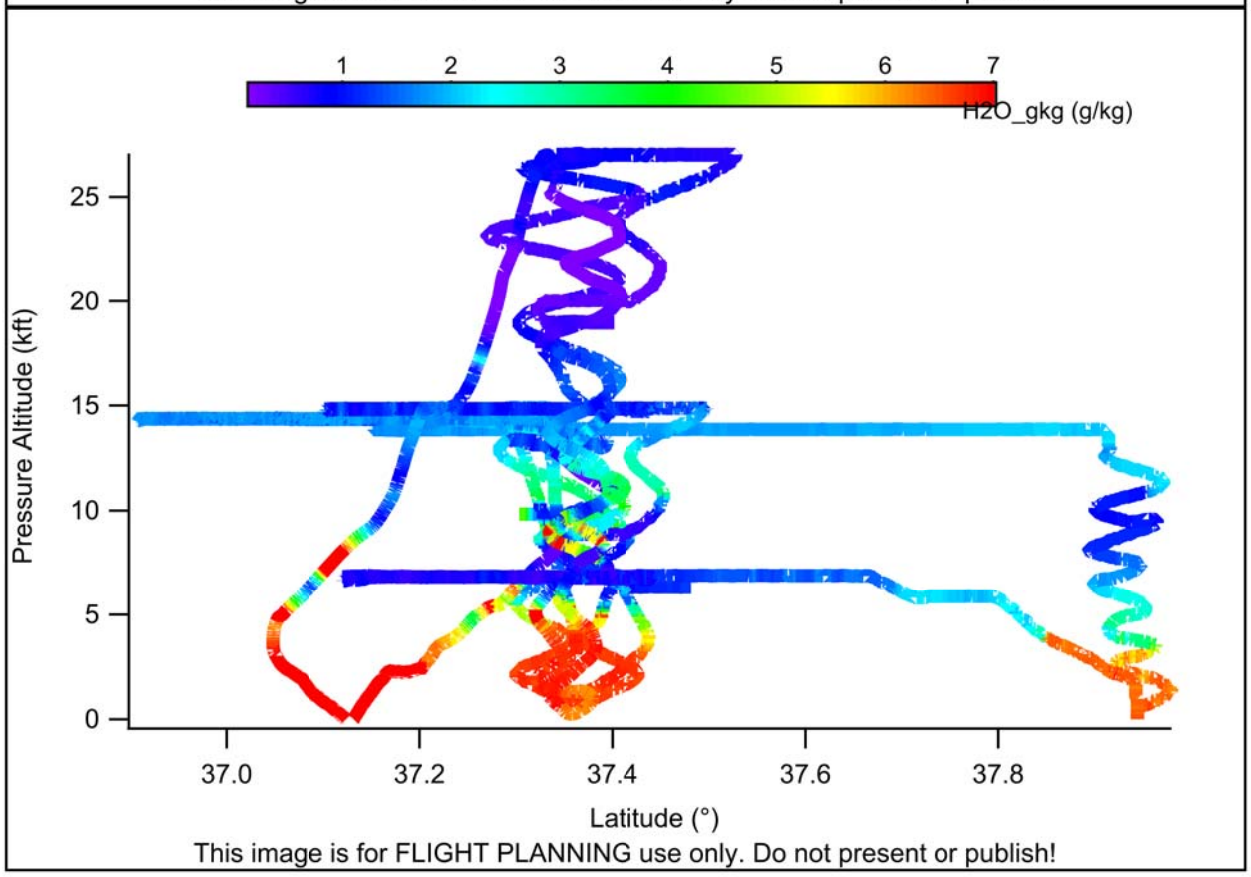
1
2
3
4
5
6
7
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
37.0
37.2
37.4
37.6
37.8
Latitude (°)
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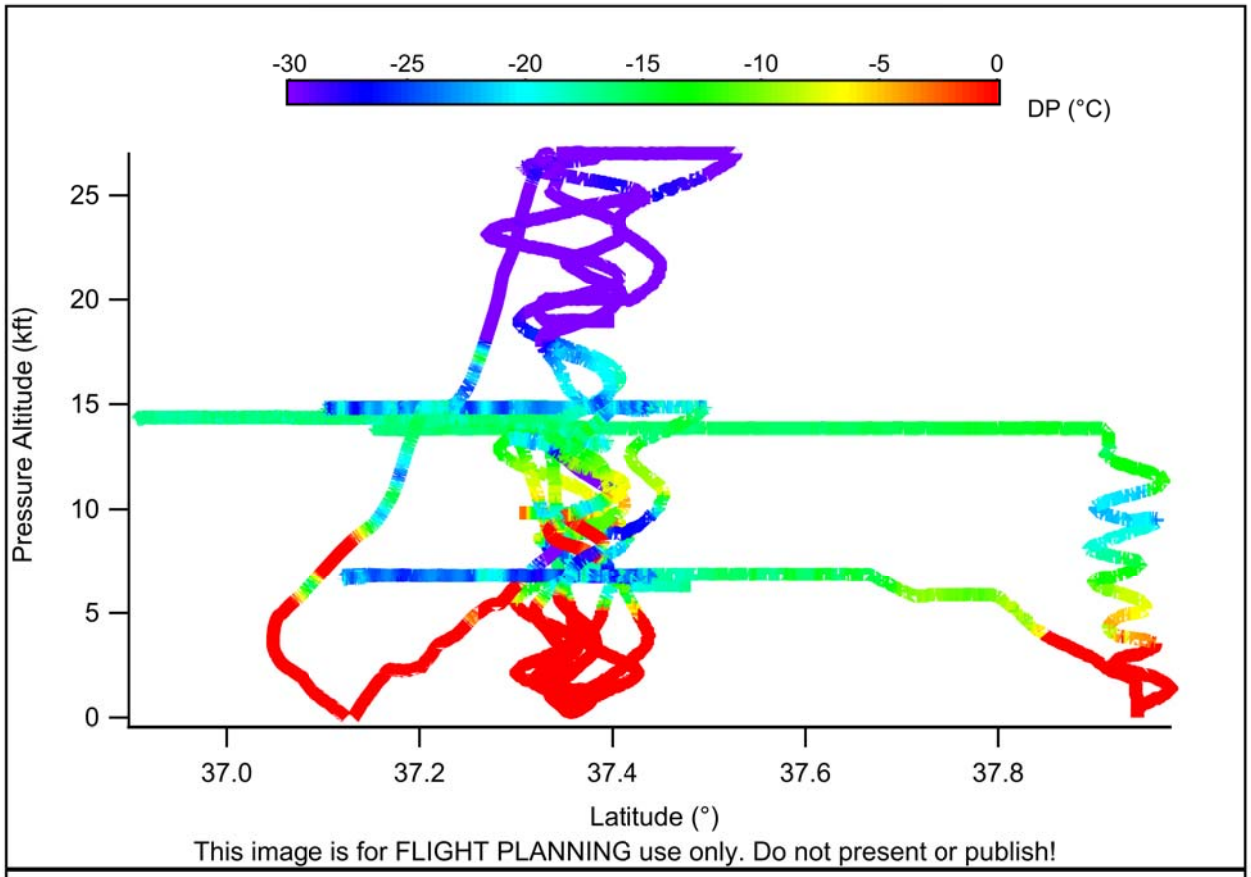
-30
-25
-20
-15
-10
-5
0
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
37.0
37.2
37.4
37.6
37.8
Latitude (°)
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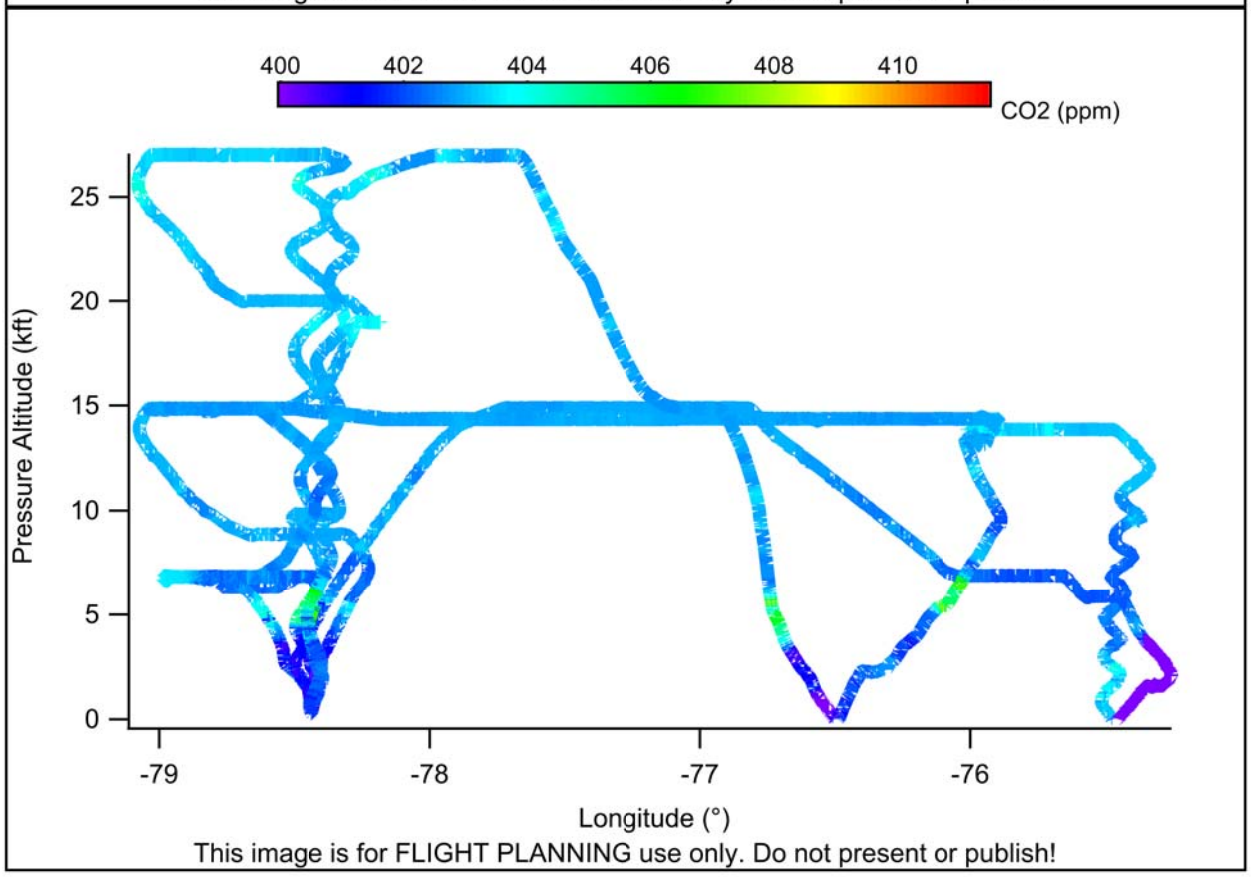
400
402
404
406
408
410
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-79
-78
-77
-76
Longitude (°)
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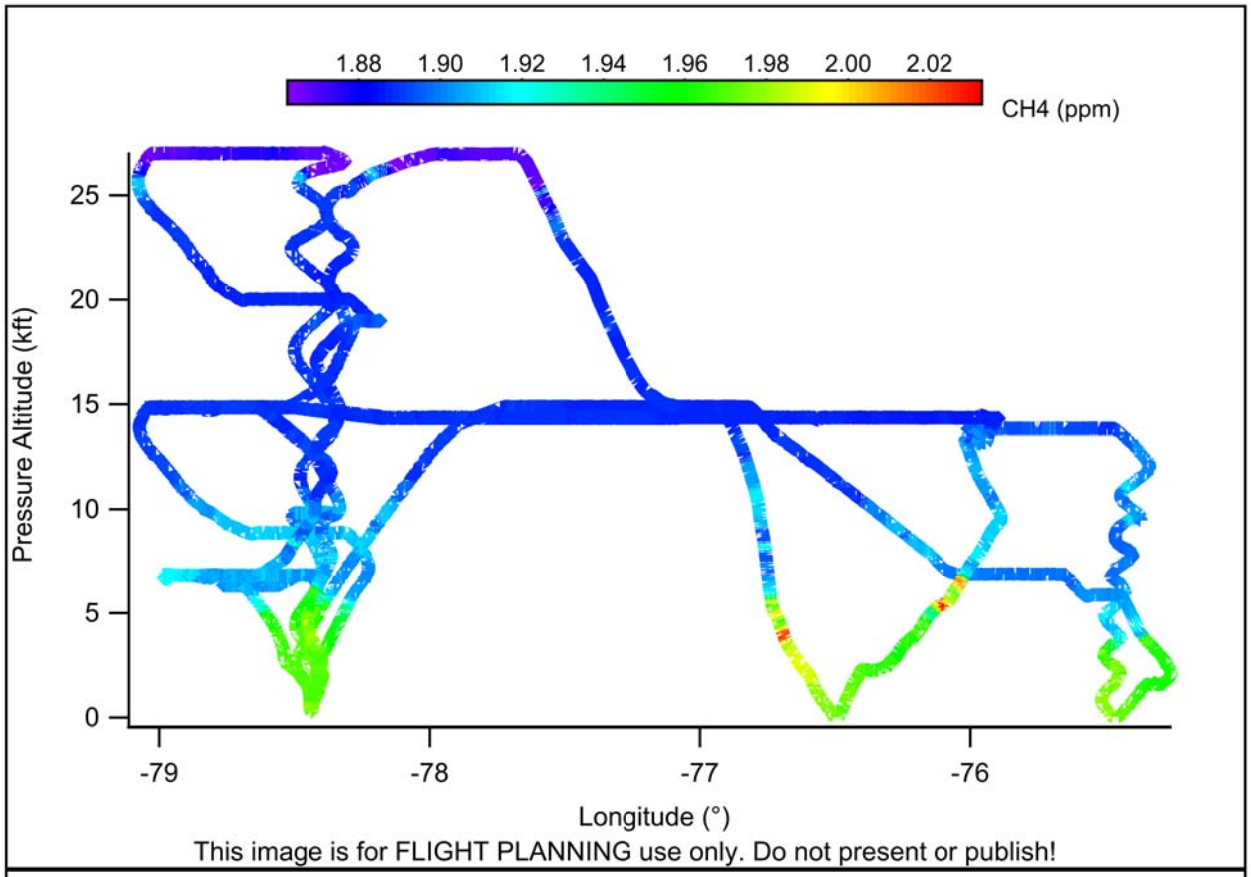
1.88 1.90 1.92 1.94 1.96 1.98 2.00 2.02
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-79
-78
-77
-76
Longitude (°)
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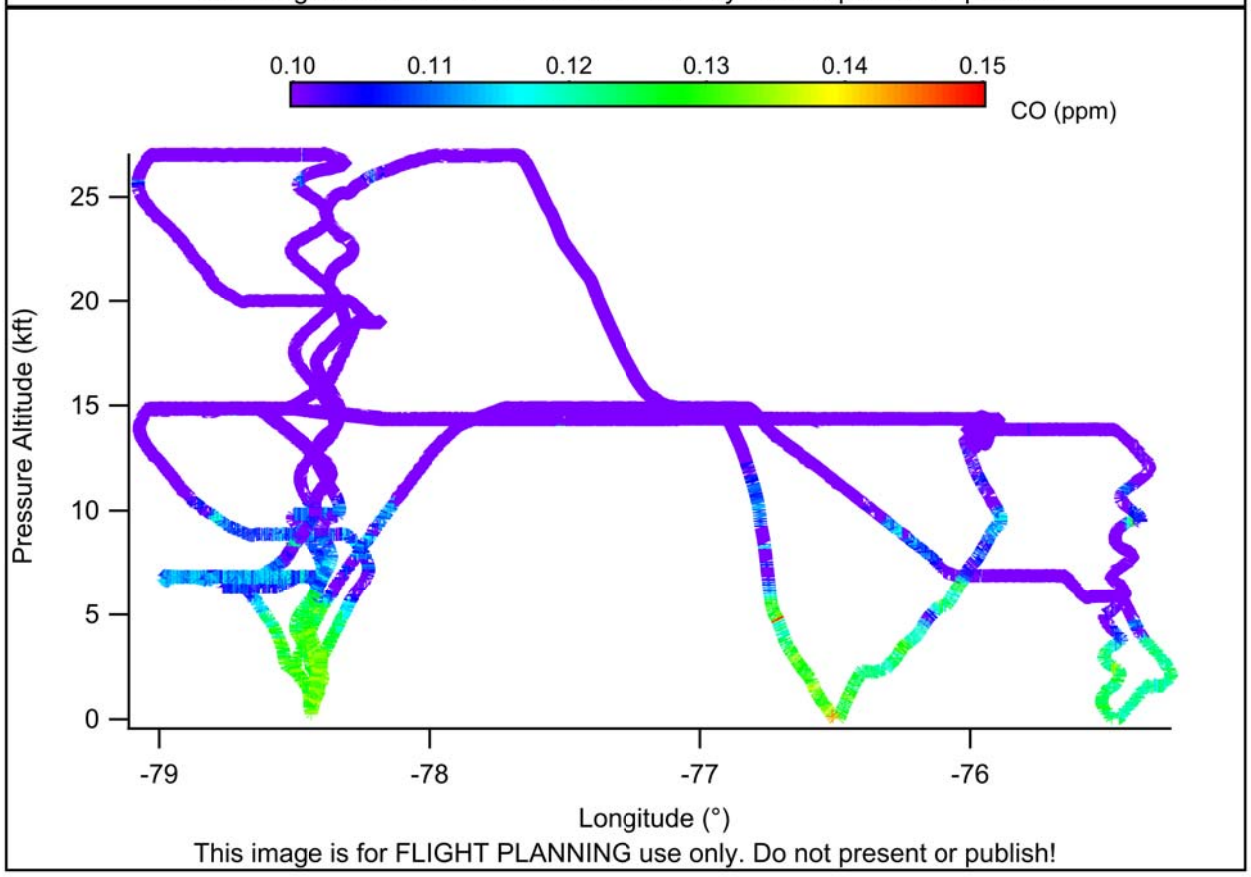
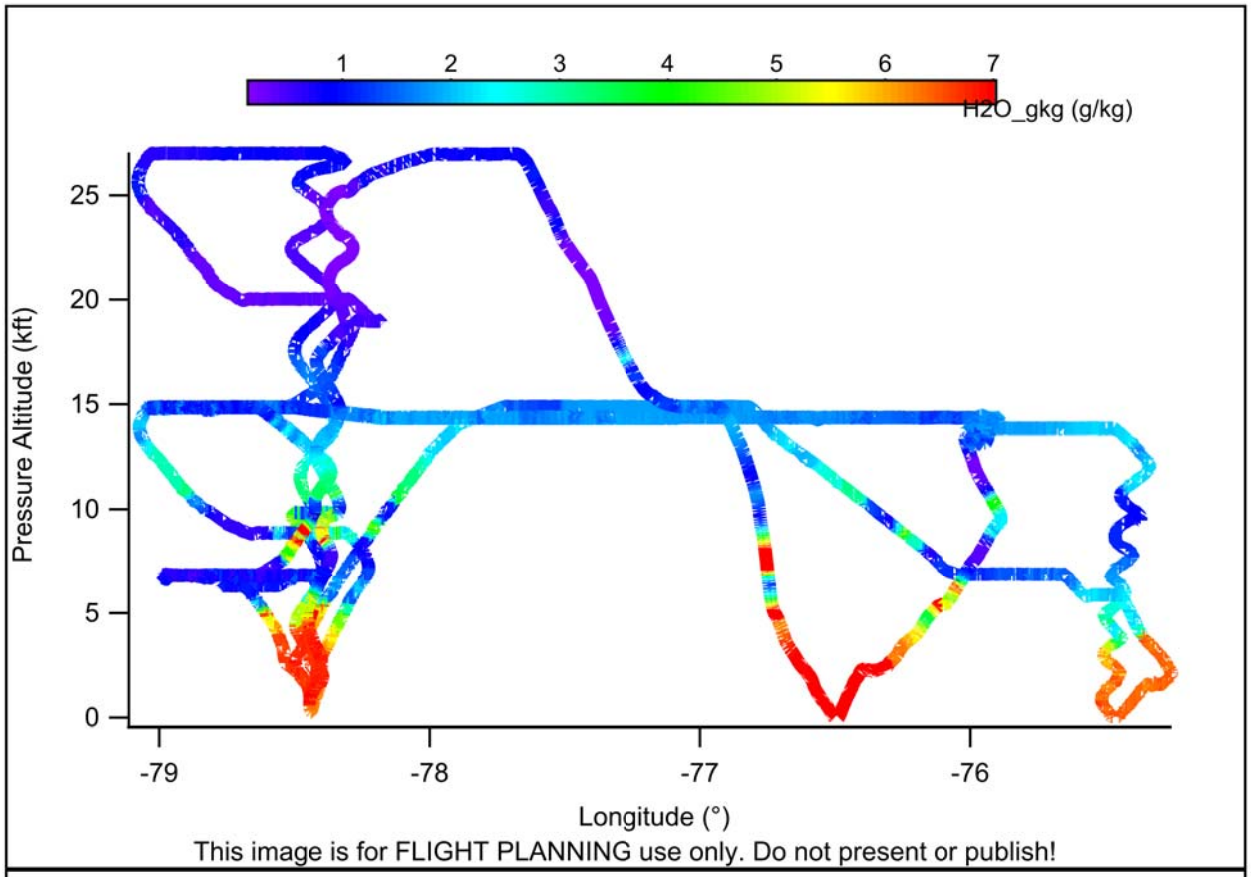

0.10 0.11 0.12 0.13 0.14 0.15
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-79
-78
-77
-76
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1
2
3
4
5
6
7
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
-79
-78
-77
-76
Longitude (°)
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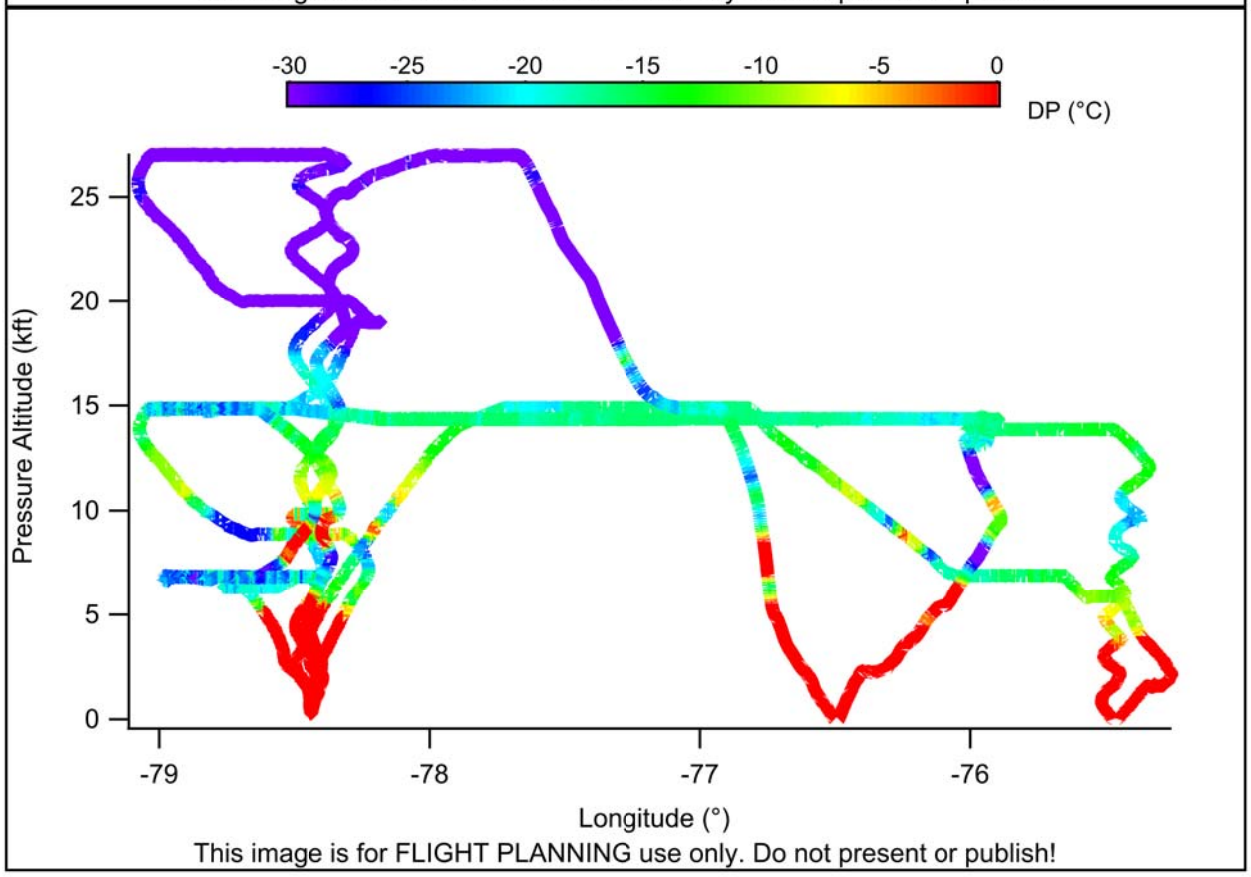
-30
-25
-20
-15
-10
-5
0
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
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-79
-78
-77
-76
Longitude (°)
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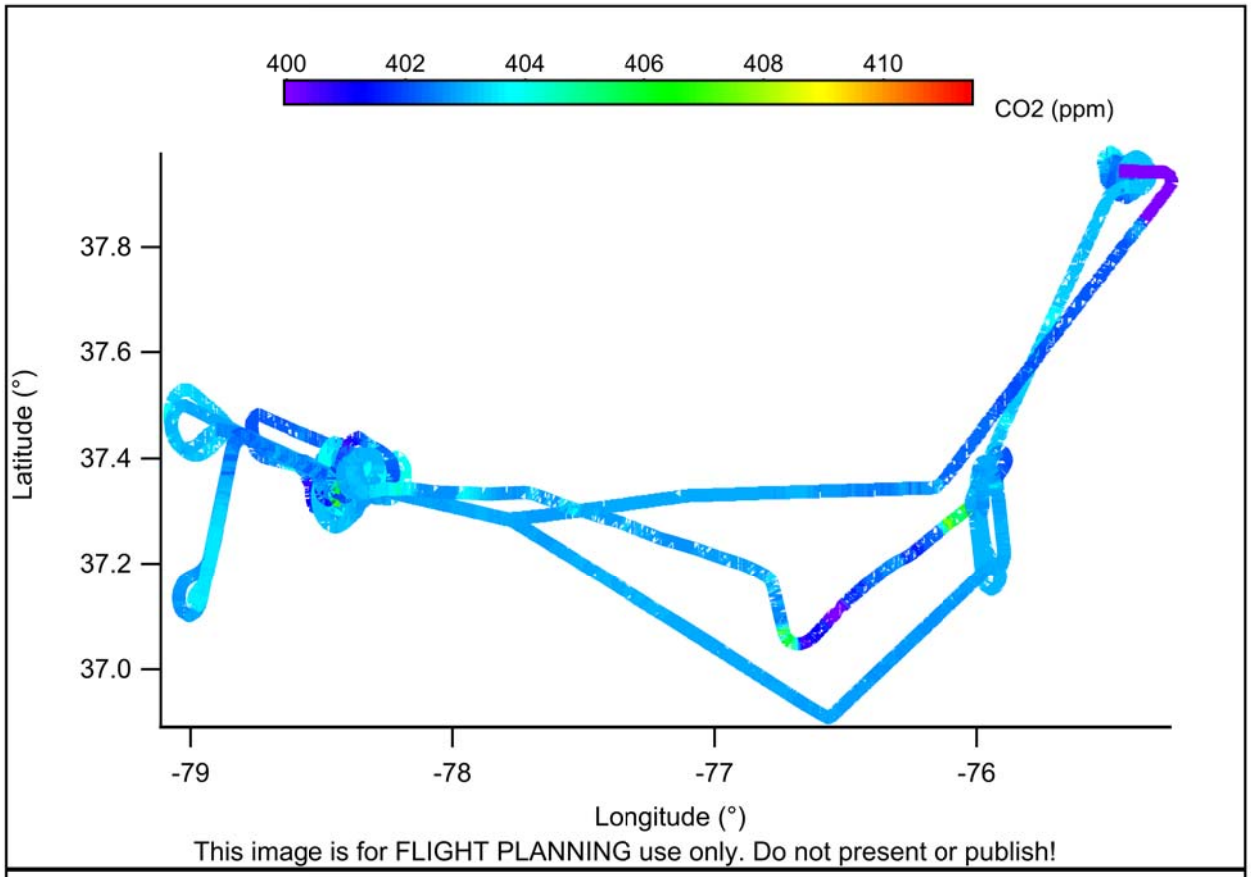
400
402
404
406
408
410
CO2 (ppm)
37.8
37.6
37.4
37.2
37.0
Latitude (°)
-79
-78
-77
-76
Longitude (°)
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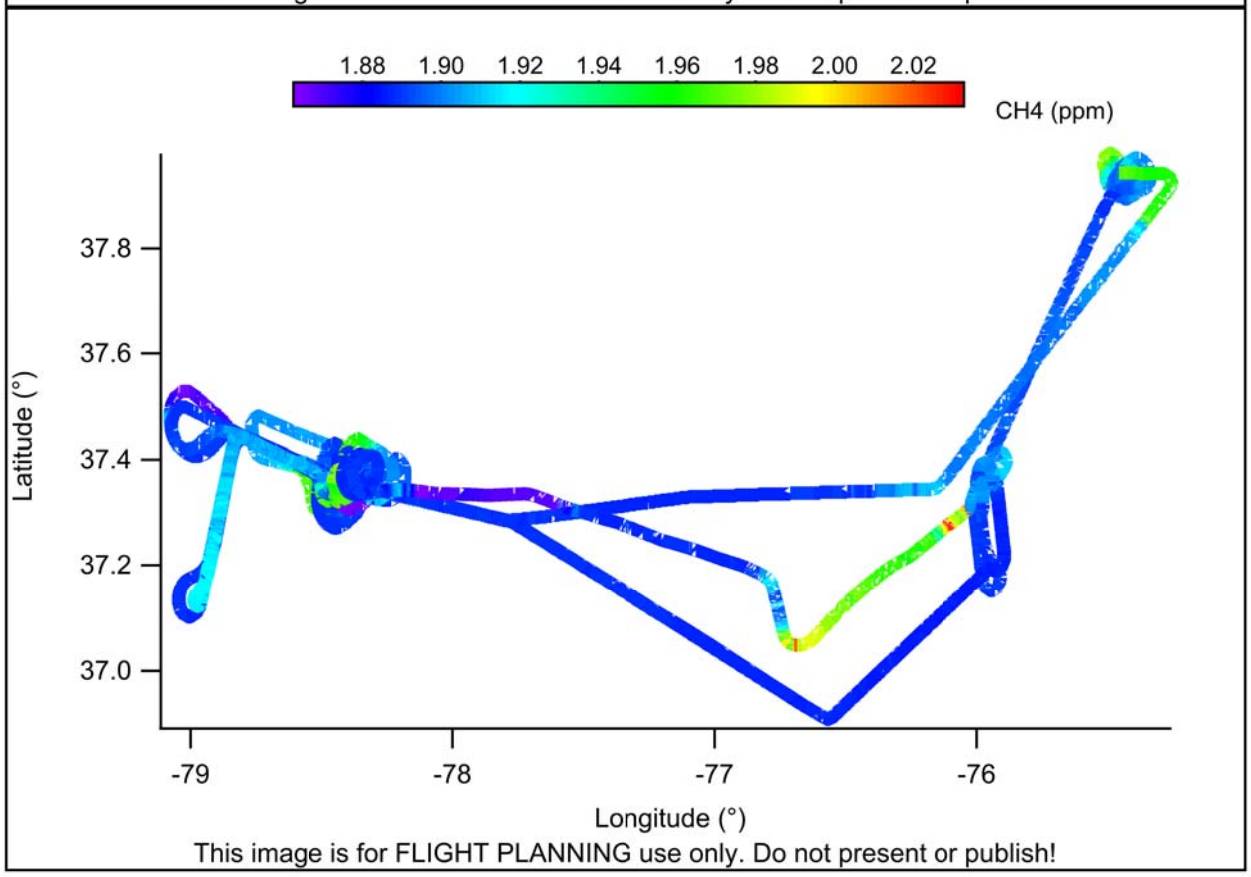
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1.90
1.92
1.94
1.96
1.98
2.00
2.02
CH4 (ppm)
37.8
37.6
37.4
37.2
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Latitude (°)
-79
-78
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Longitude (°)
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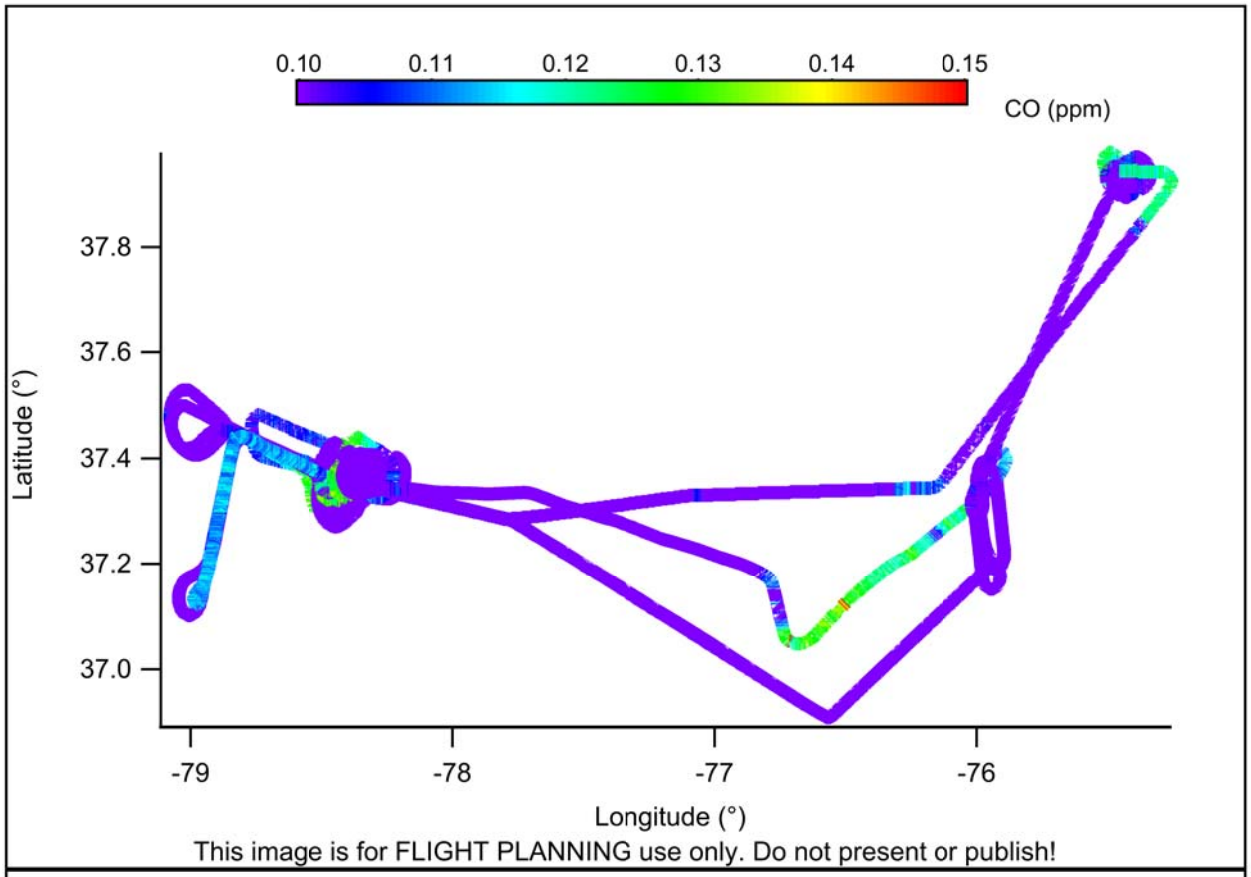
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0.11
0.12
0.13
0.14
0.15
CO (ppm)
37.8
37.6
37.4
37.2
37.0
Latitude (°)
-79
-78
-77
-76
Longitude (°)
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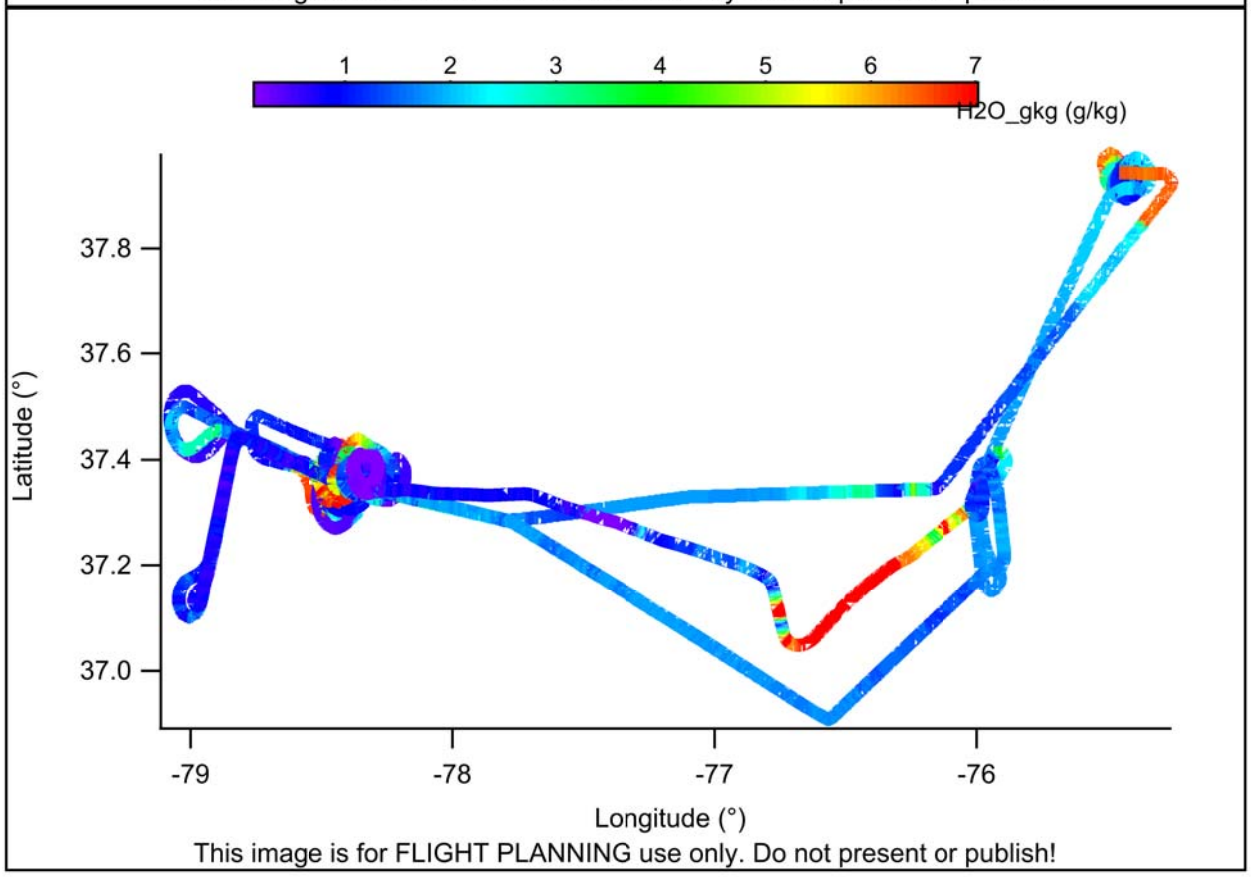
1
2
3
4
5
6
7
H2O_gkg (g/kg)
37.8
37.6
37.4
37.2
37.0
Latitude (°)
-79
-78
-77
-76
Longitude (°)
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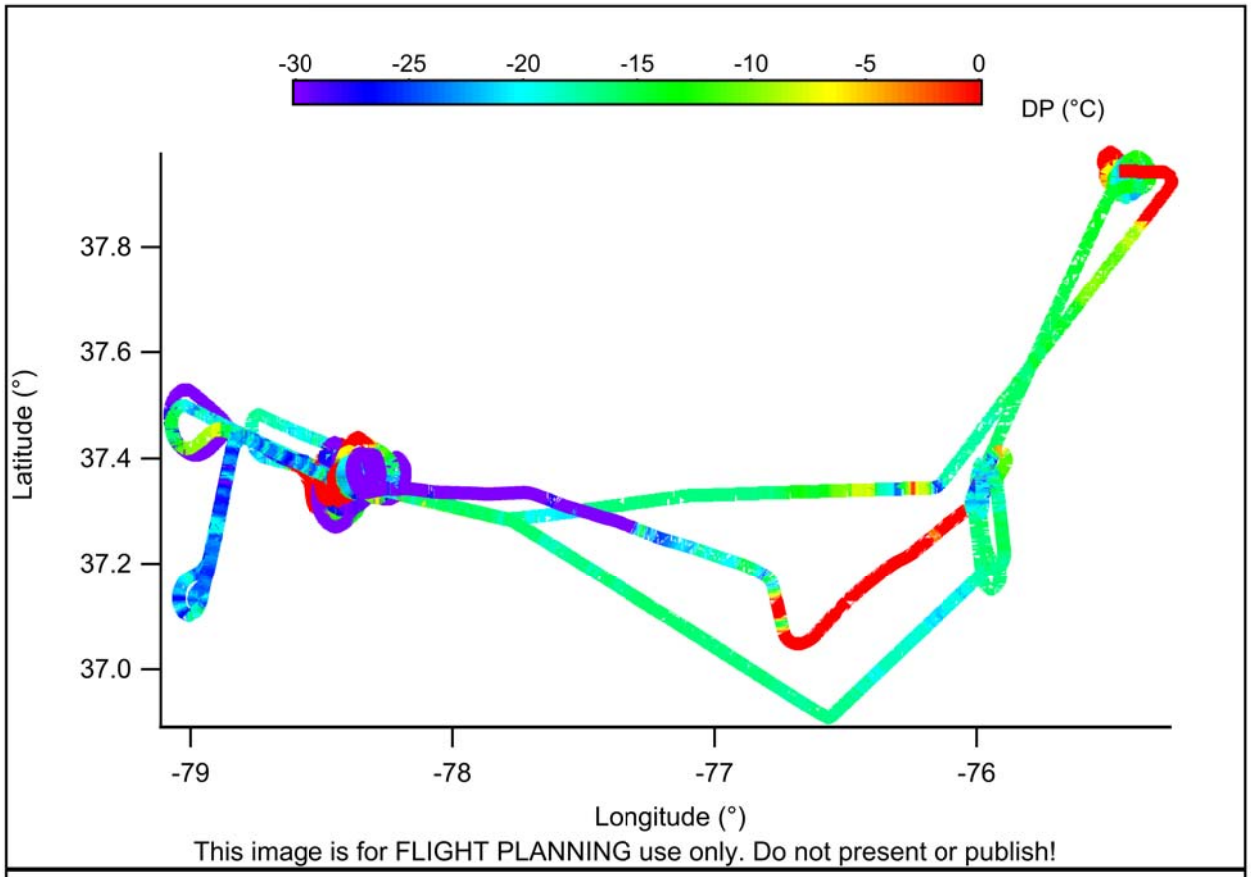
-30
-25
-20
-15
-10
-5
0
DP (°C)
37.8
37.6
37.4
37.2
37.0
Latitude (°)
-79
-78
-77
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Longitude (°)
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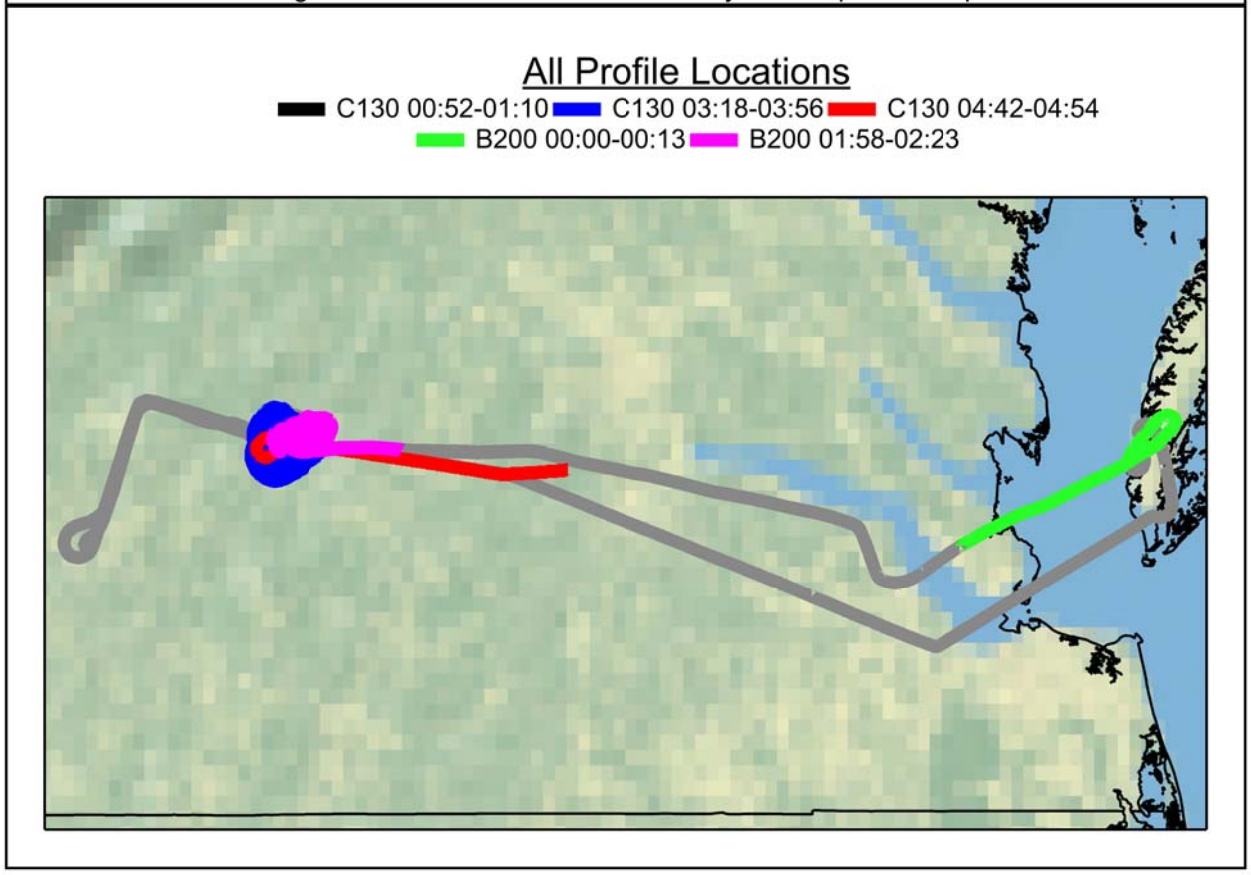
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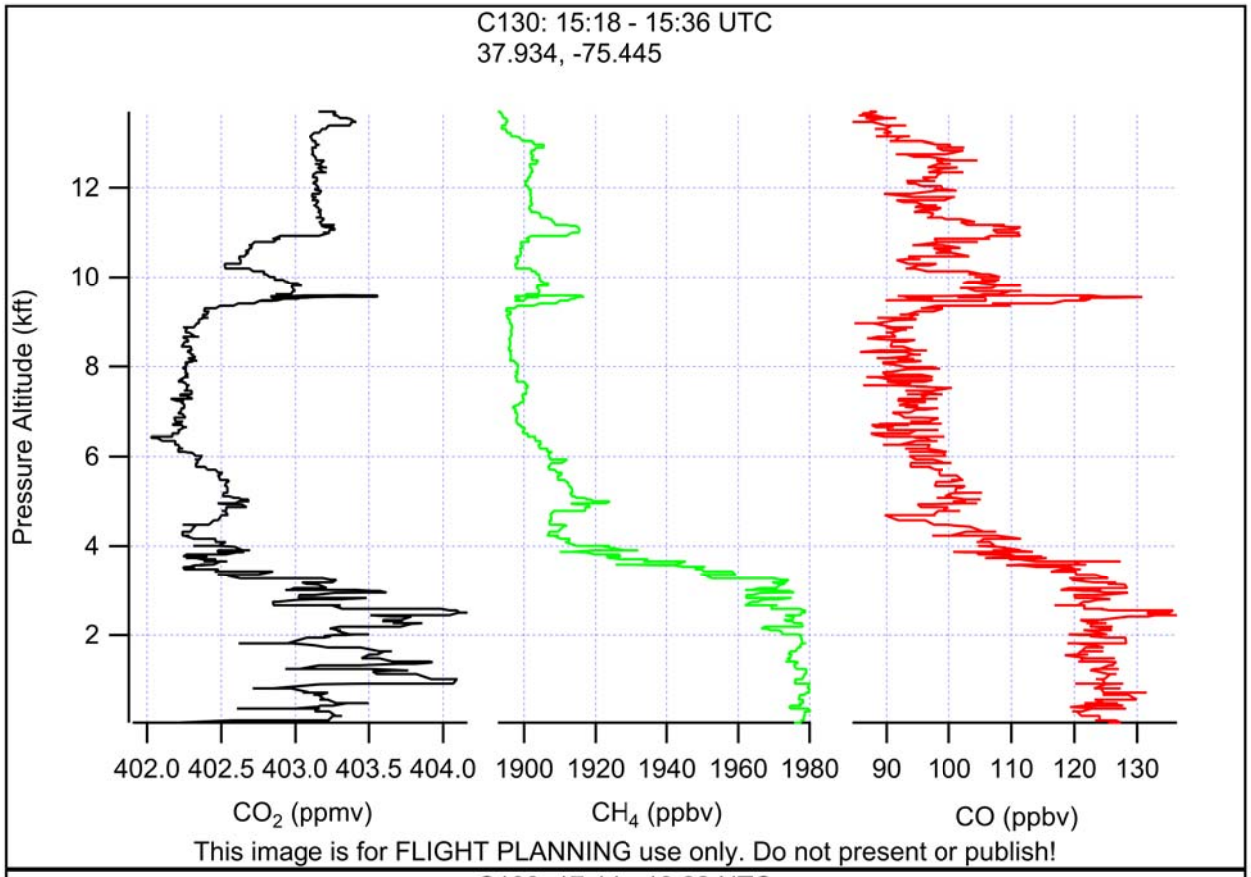
C130 03:18-03:56
C130 04:42-04:54
B200 00:00-00:13
B200 01:58-02:23


C130: 15:18 - 15:36 UTC
37.934, -75.445
Pressure Altitude (kft)
12
10
8
6
4
2
402.0 402.5 403.0 403.5 404.0
CO_2 (ppmv)
1900 1920 1940 1960 1980
CH_4 (ppbv)
90 100 110 120 130
CO (ppbv)
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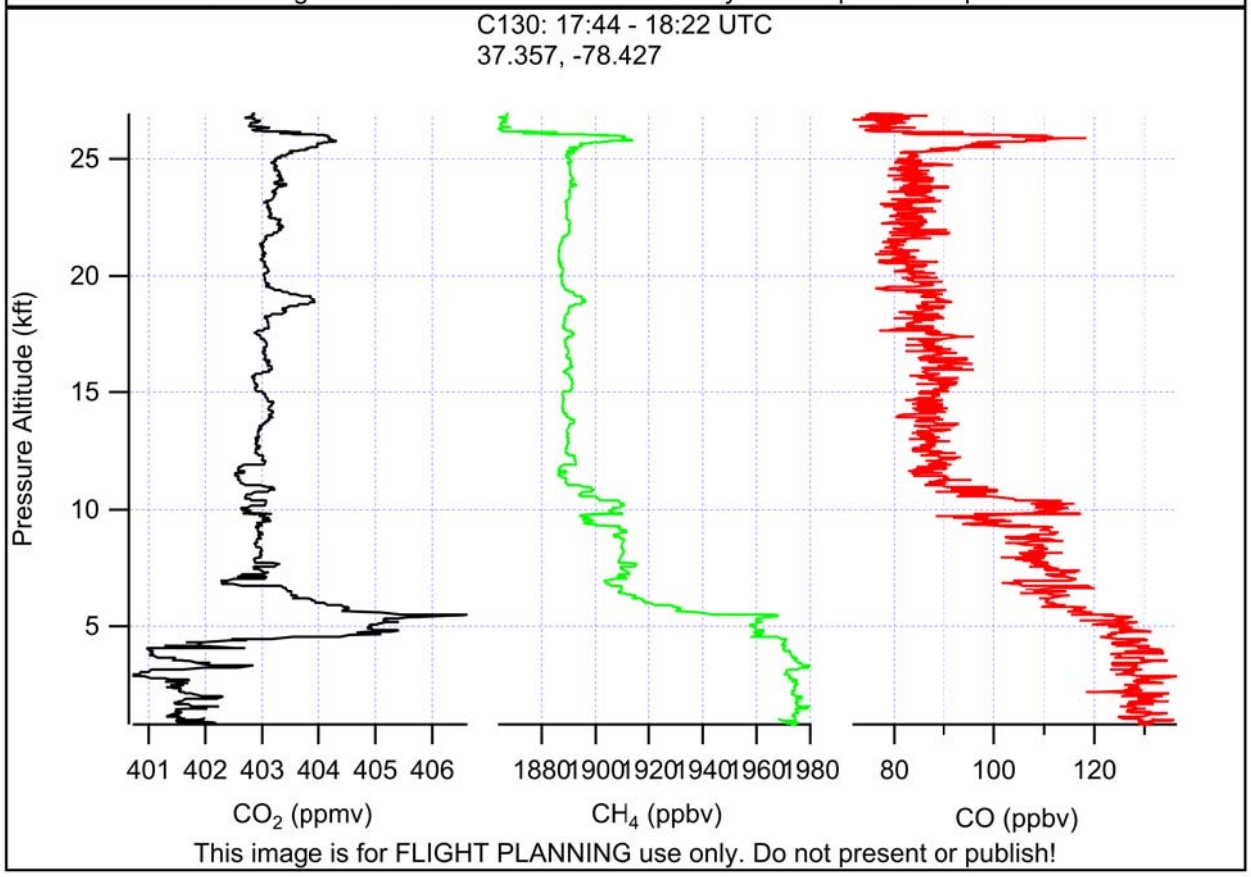
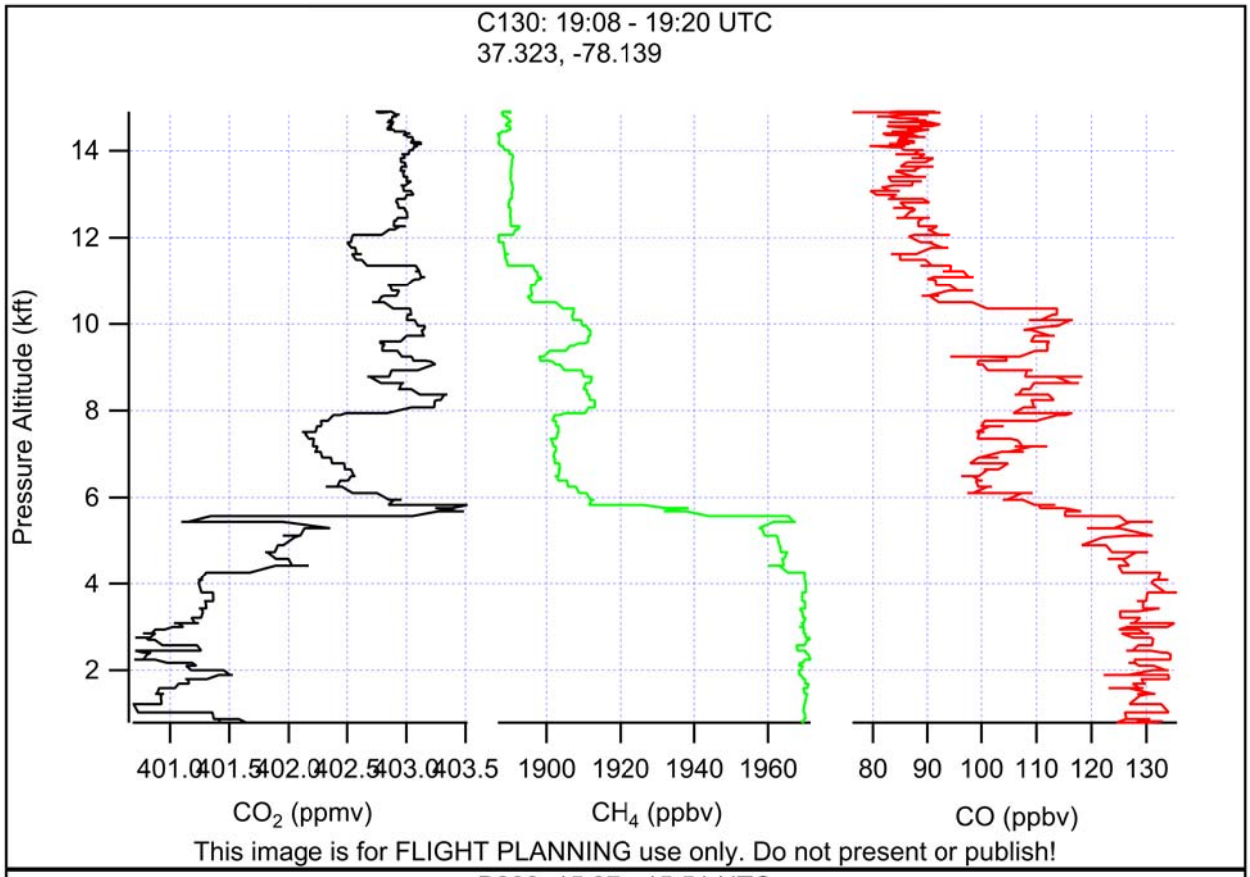
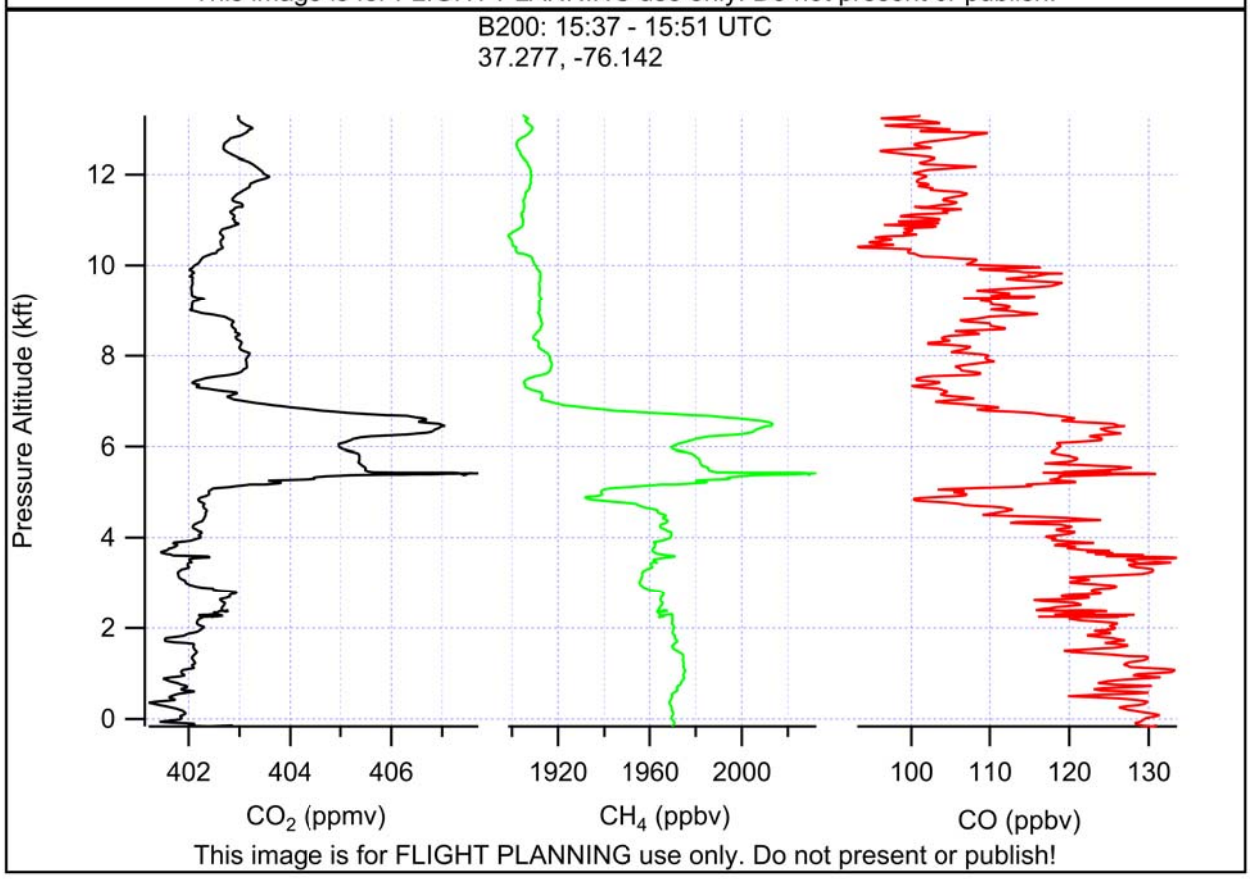
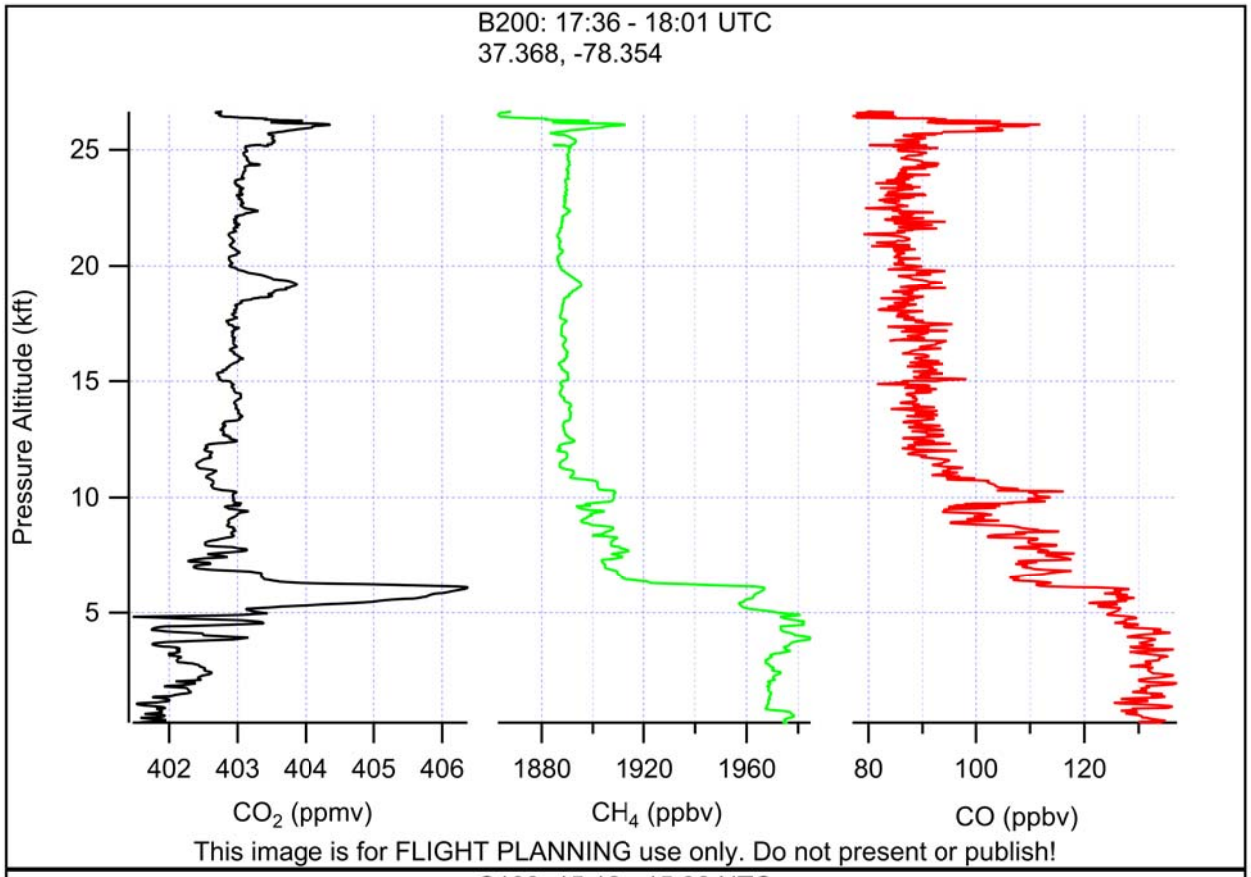

C130: 17:44 - 18:22 UTC
37.357, -78.427
Pressure Altitude (kft)
25
20
15
10
5
401 402 403 404 405 406
CO_2 (ppmv)
1880 1900 1920 1940 1960 1980
CH_4 (ppbv)
80 100 120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:08 - 19:20 UTC
37.323, -78.139
Pressure Altitude (kft)
14
12
10
8
6
4
2
401.0 401.5 402.0 402.5 403.0 403.5
1900 1920 1940 1960
80 90 100 110 120 130
CO2 (ppmv)
CH4 (ppbv)
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 15:37 - 15:51 UTC
37.277, -76.142
Pressure Altitude (kft)
12
10
8
6
4
2
0
402 404 406
1920 1960 2000
100 110 120 130
CO2 (ppmv)
CH4 (ppbv)
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 17:36 - 18:01 UTC
37.368, -78.354
Pressure Altitude (kft)
25
20
15
10
5
402 403 404 405 406
CO2 (ppmv)
1880 1920 1960
CH4 (ppbv)
80 100 120
CO (ppbv)
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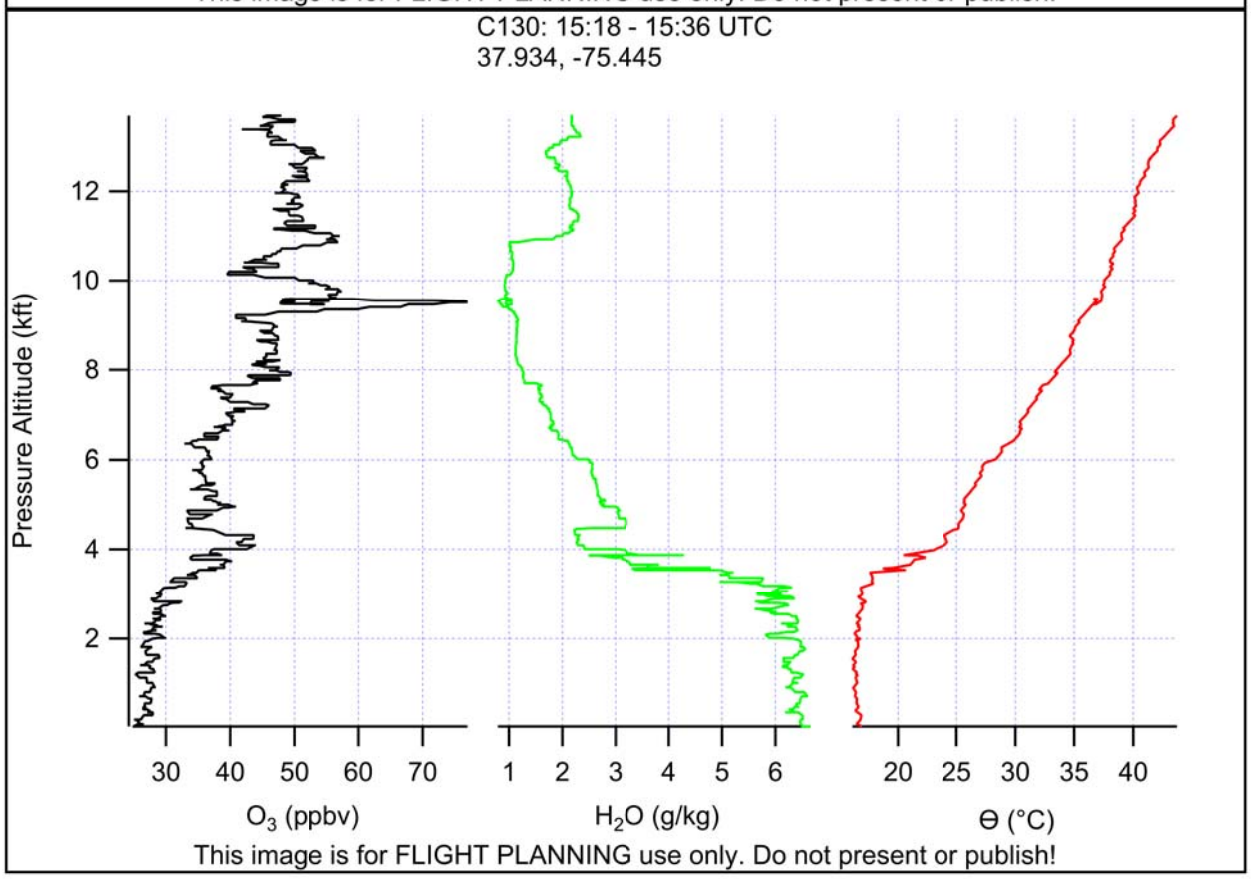
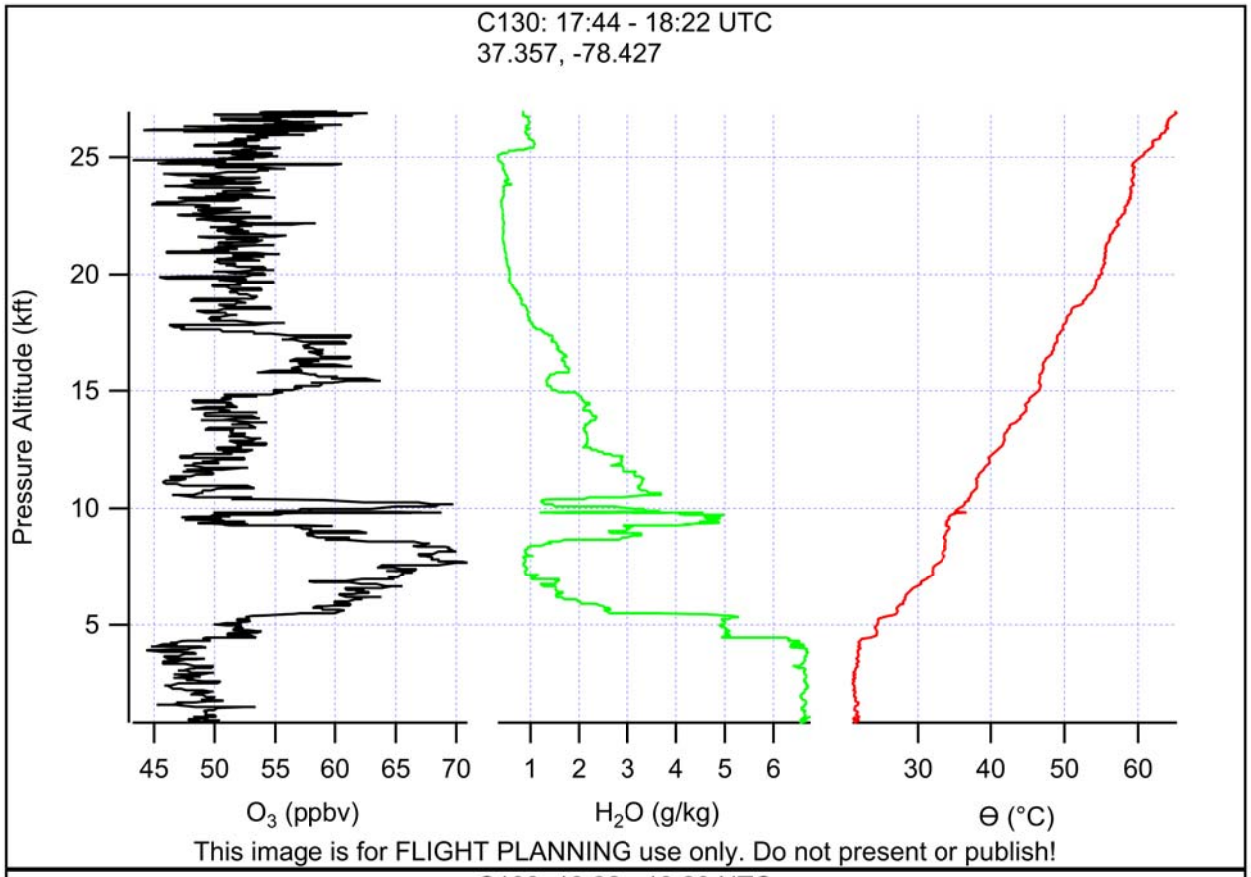
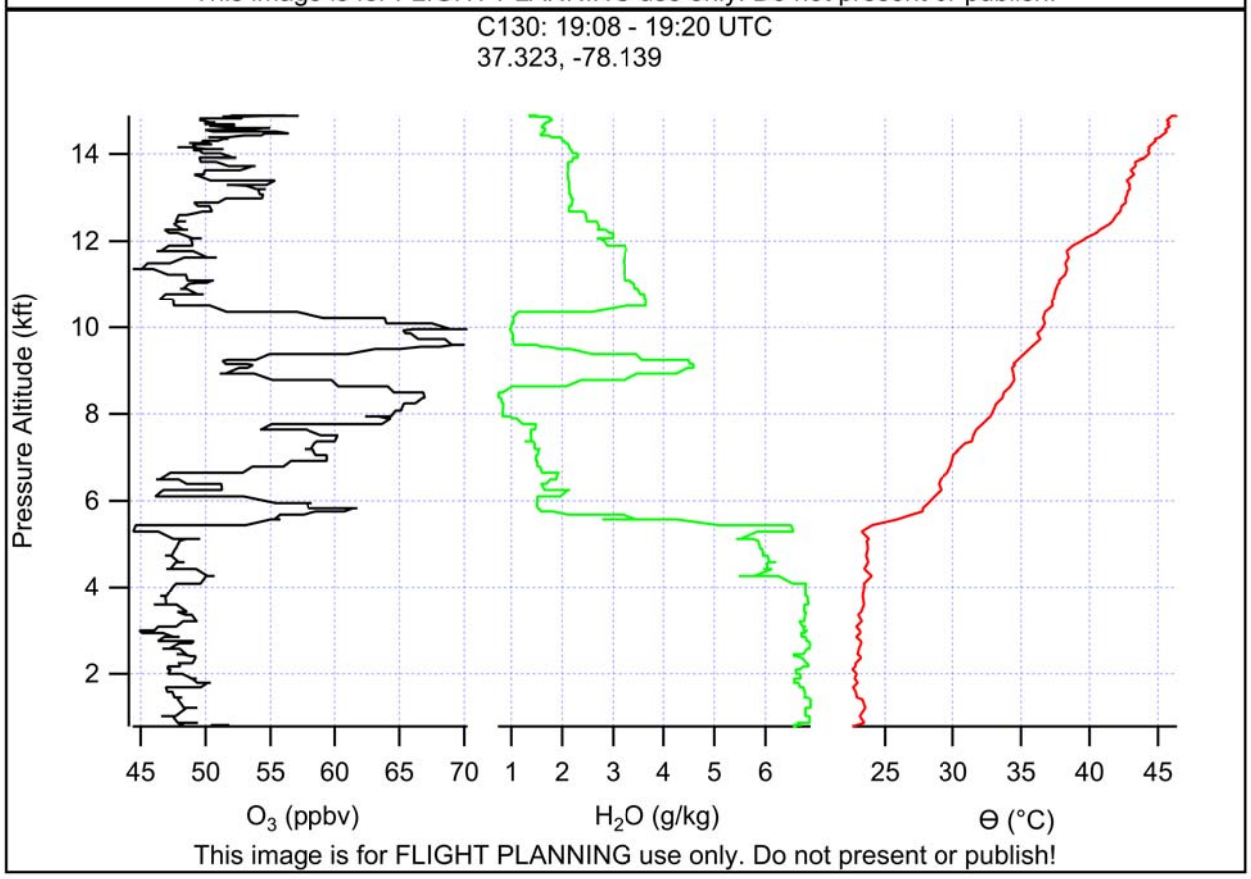
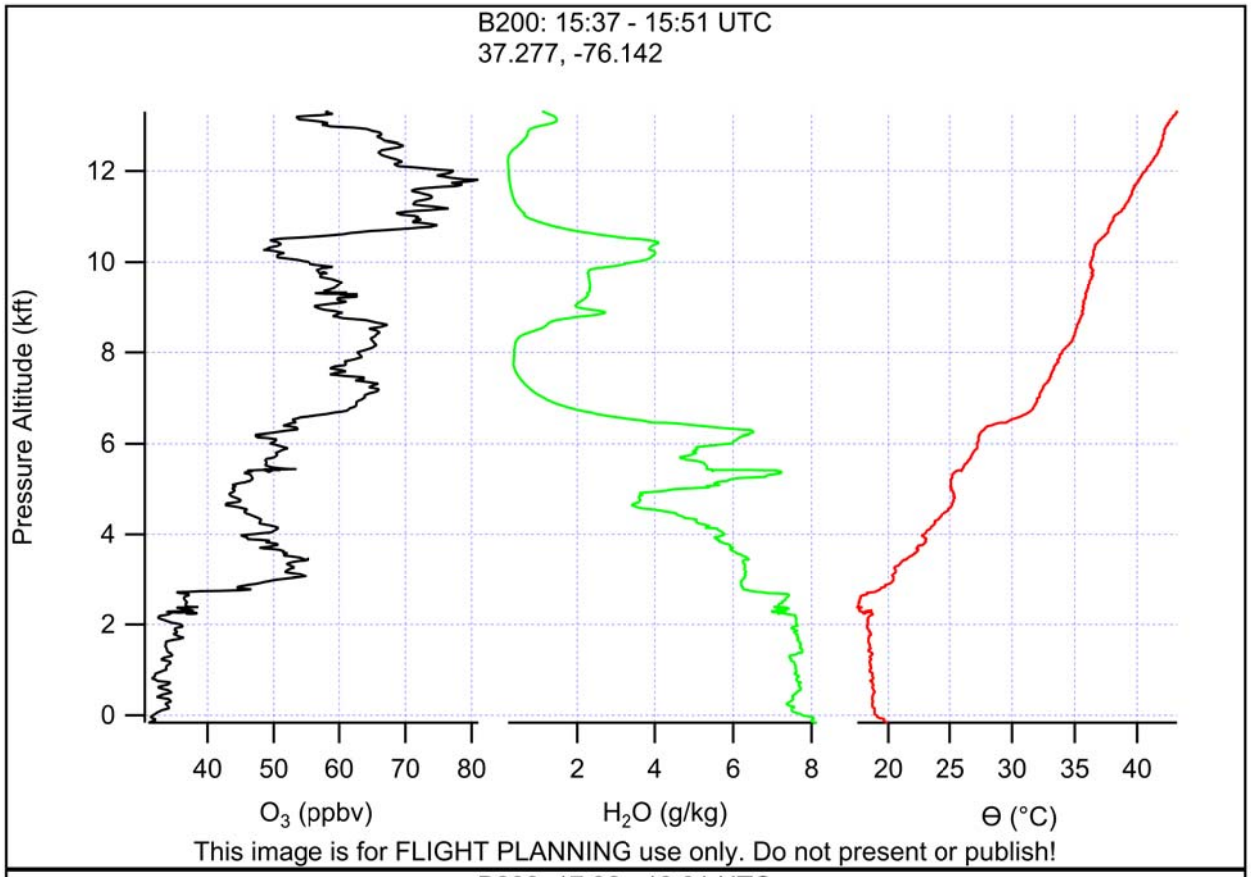

C130: 15:18 - 15:36 UTC
37.934, -75.445
Pressure Altitude (kft)
12
10
8
6
4
2
30 40 50 60 70
O3 (ppbv)
1 2 3 4 5 6
H2O (g/kg)
20 25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:44 - 18:22 UTC
37.357, -78.427
Pressure Altitude (kft)
25
20
15
10
5
45 50 55 60 65 70
O3 (ppbv)
1 2 3 4 5 6
H2O (g/kg)
30 40 50 60
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:08 - 19:20 UTC
37.323, -78.139
Pressure Altitude (kft)
14
12
10
8
6
4
2
45 50 55 60 65 70
O3 (ppbv)
1 2 3 4 5 6
H2O (g/kg)
25 30 35 40 45
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 15:37 - 15:51 UTC
37.277, -76.142
Pressure Altitude (kft)
0
2
4
6
8
10
12
40 50 60 70 80
O3 (ppbv)
2 4 6 8
H2O (g/kg)
20 25 30 35 40
Θ (°C)
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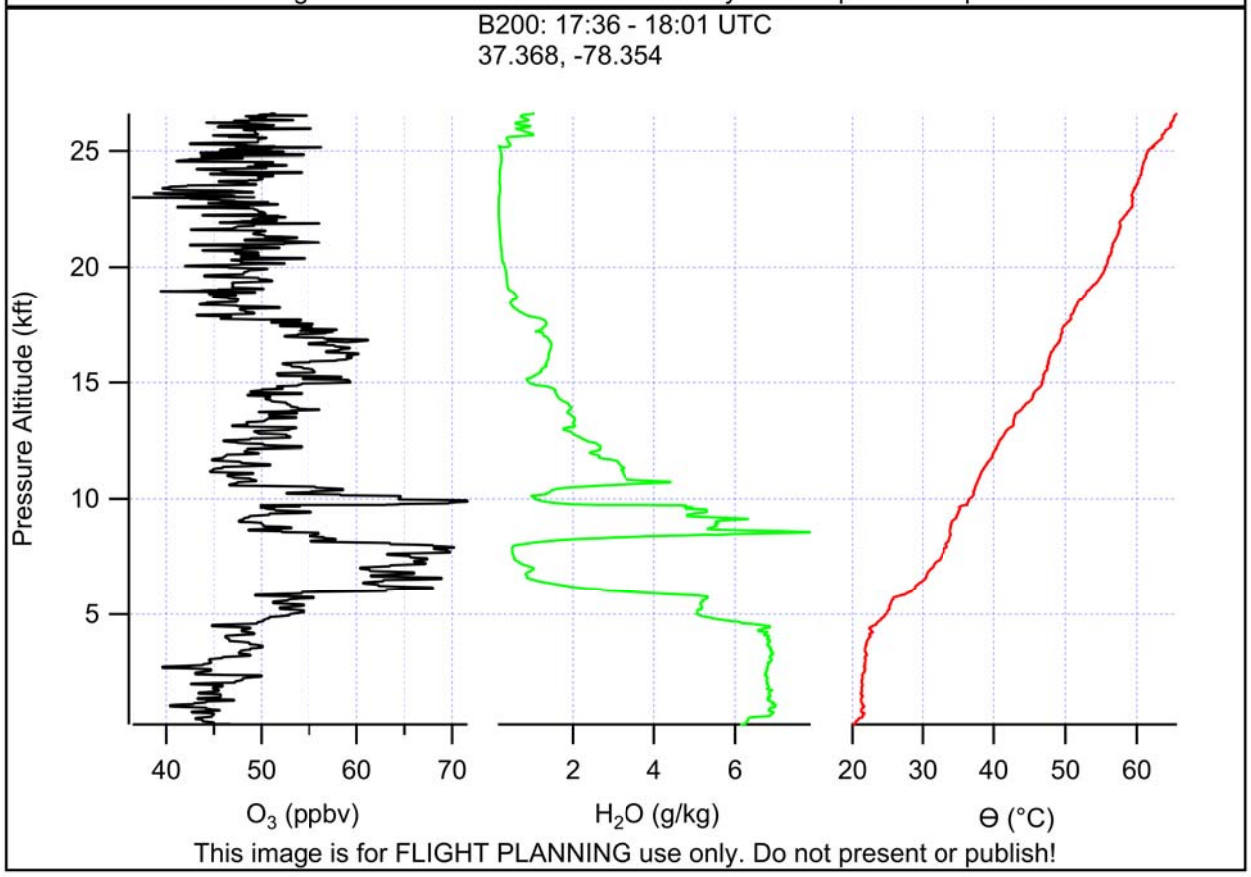
B200: 17:36 - 18:01 UTC
37.368, -78.354
Pressure Altitude (kft)
5
10
15
20
25
40 50 60 70
O3 (ppbv)
2 4 6
H2O (g/kg)
20 30 40 50 60
Θ (°C)
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