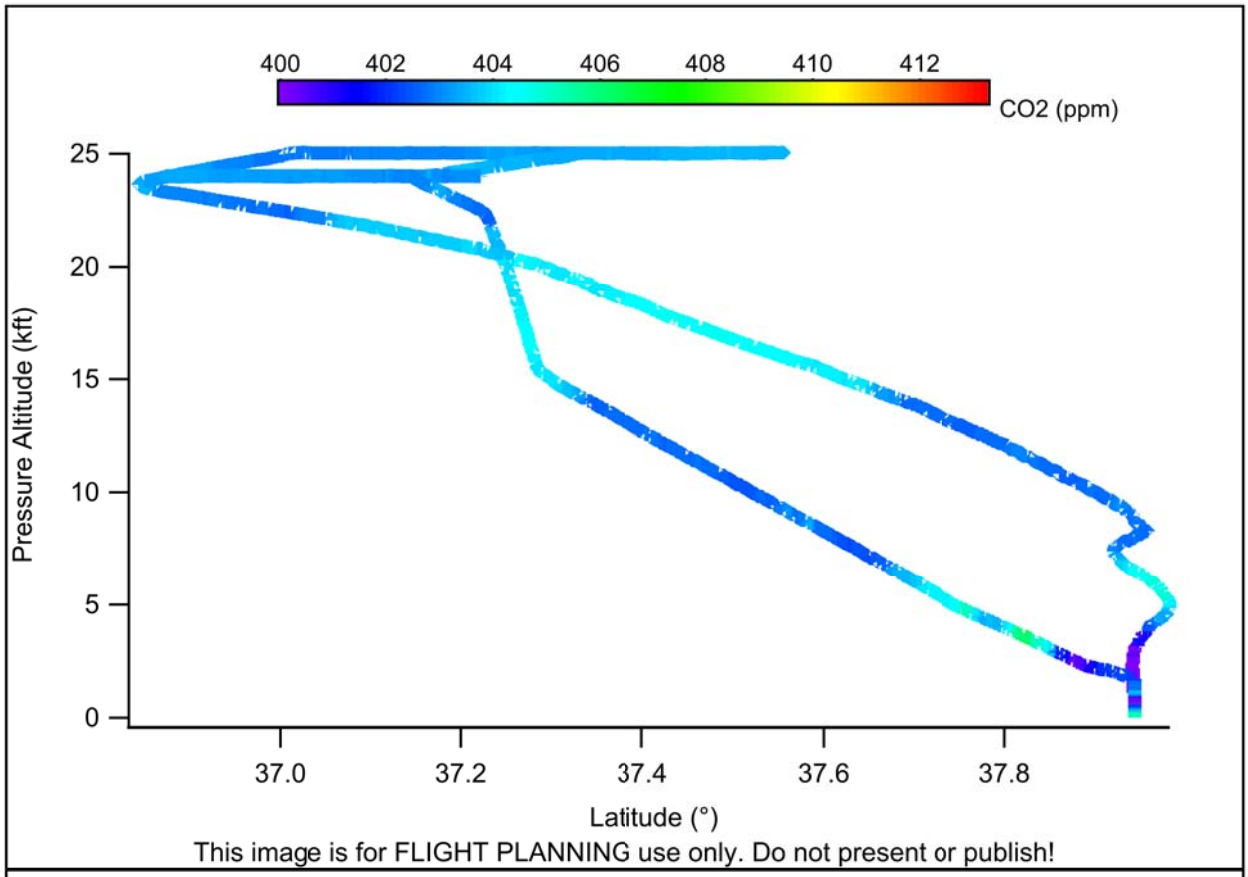
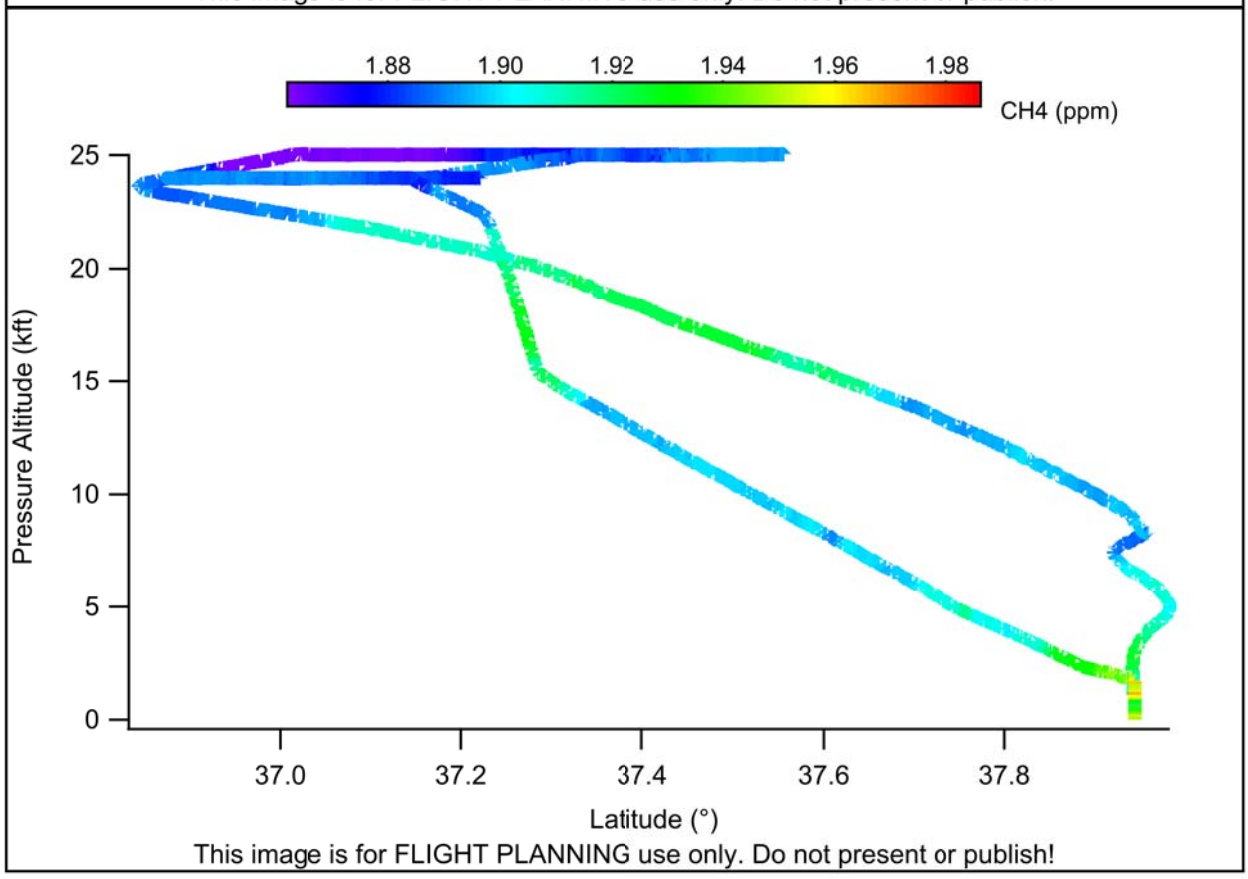
ACT-America 20170924


400
402
404
406
408
410
412
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
CH4 (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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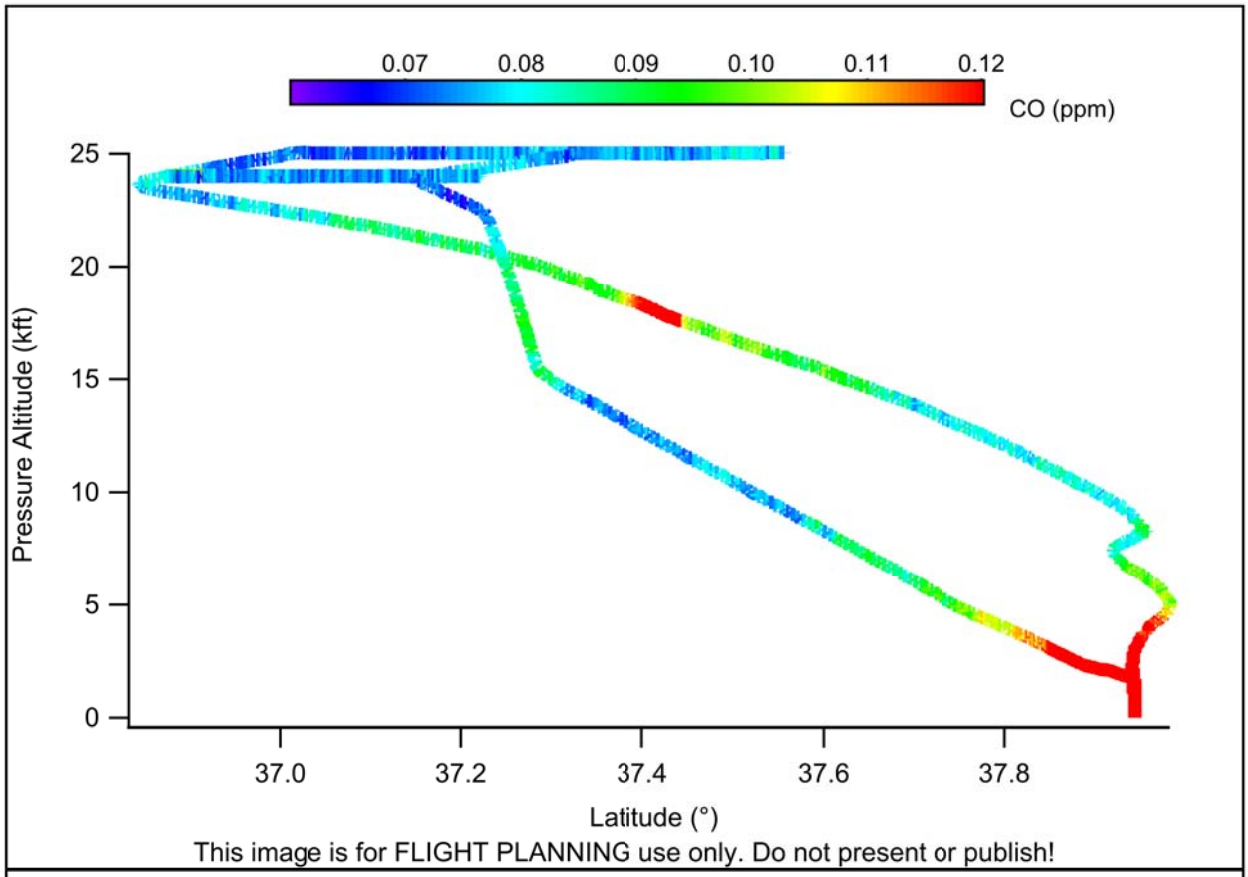
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0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
37.0
37.2
37.4
37.6
37.8
Latitude (°)
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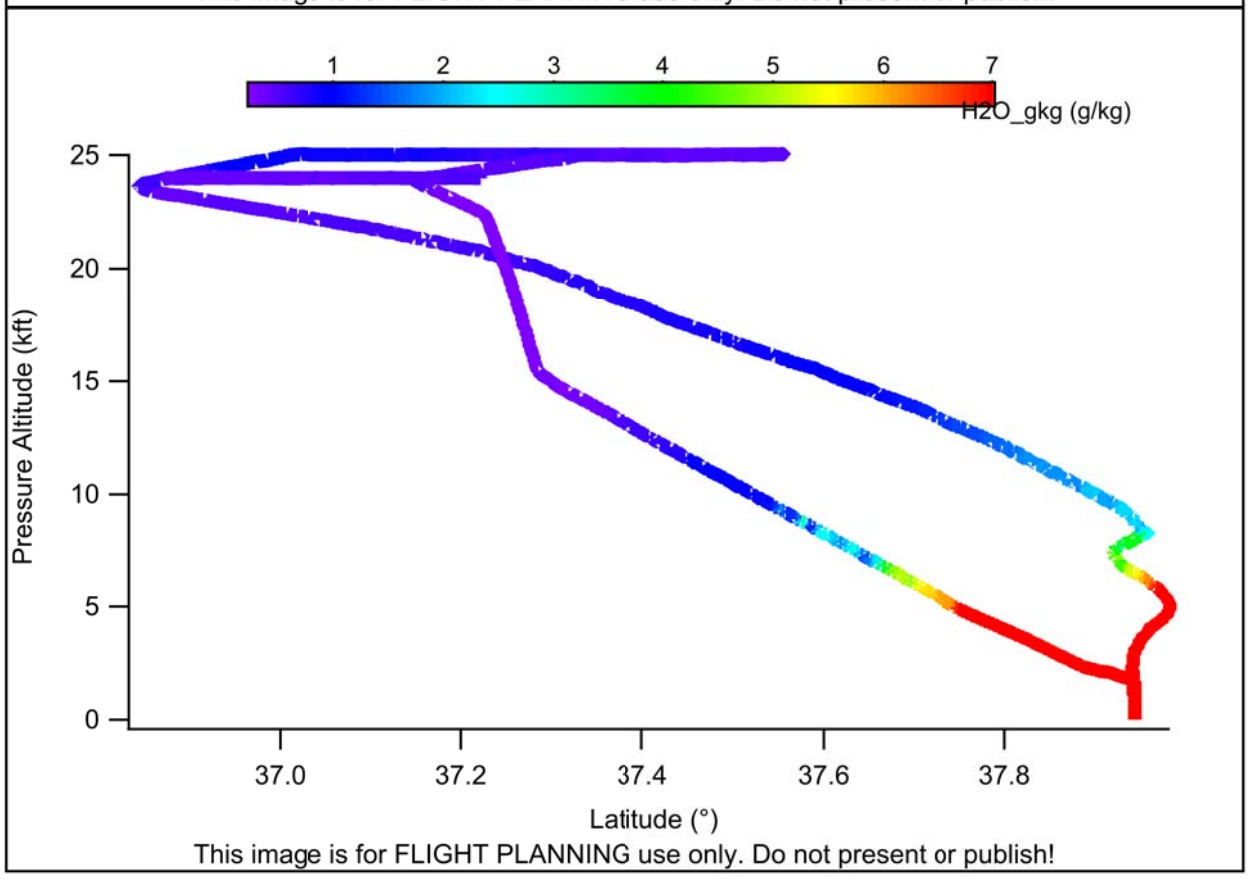
1
2
3
4
5
6
7
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
37.0
37.2
37.4
37.6
37.8
Latitude (°)
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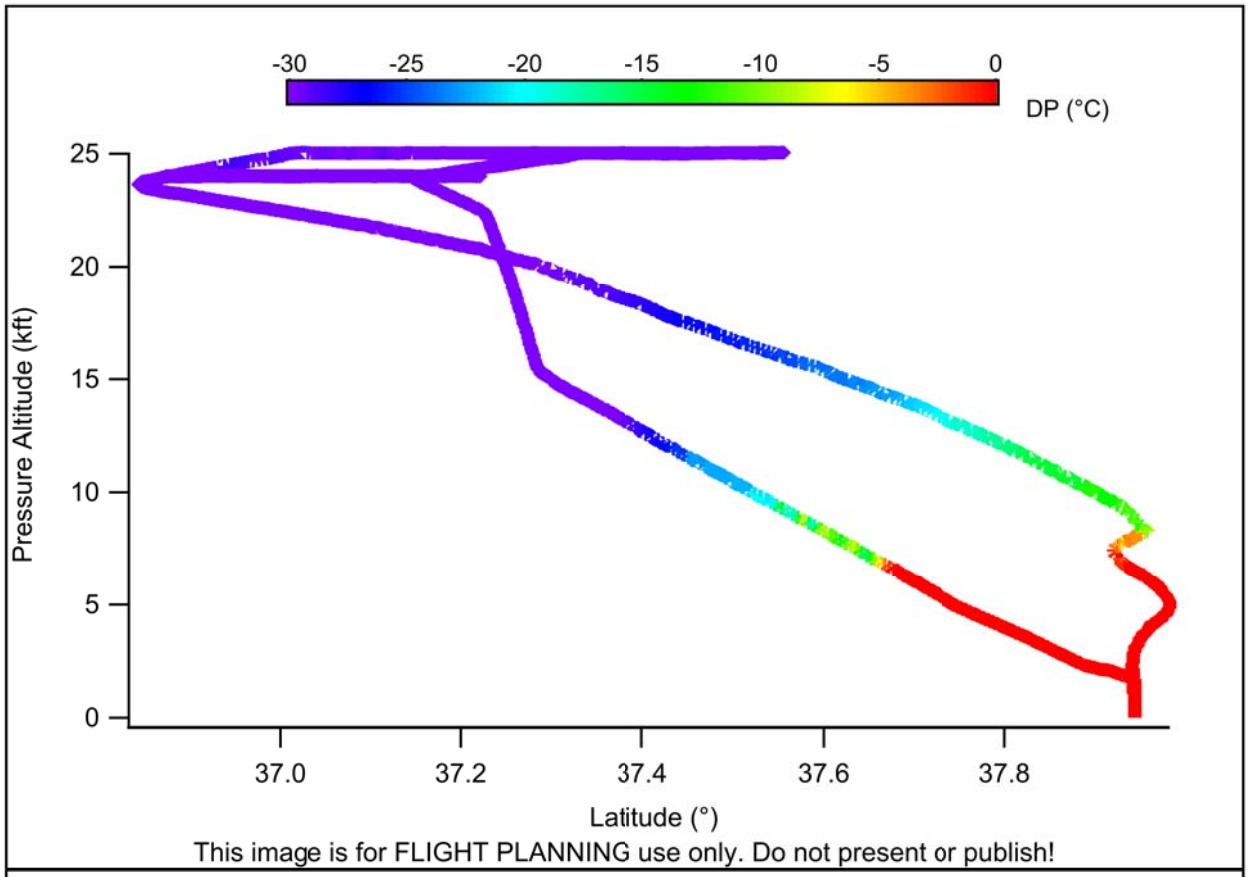
-30
-25
-20
-15
-10
-5
0
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
37.0
37.2
37.4
37.6
37.8
Latitude (°)
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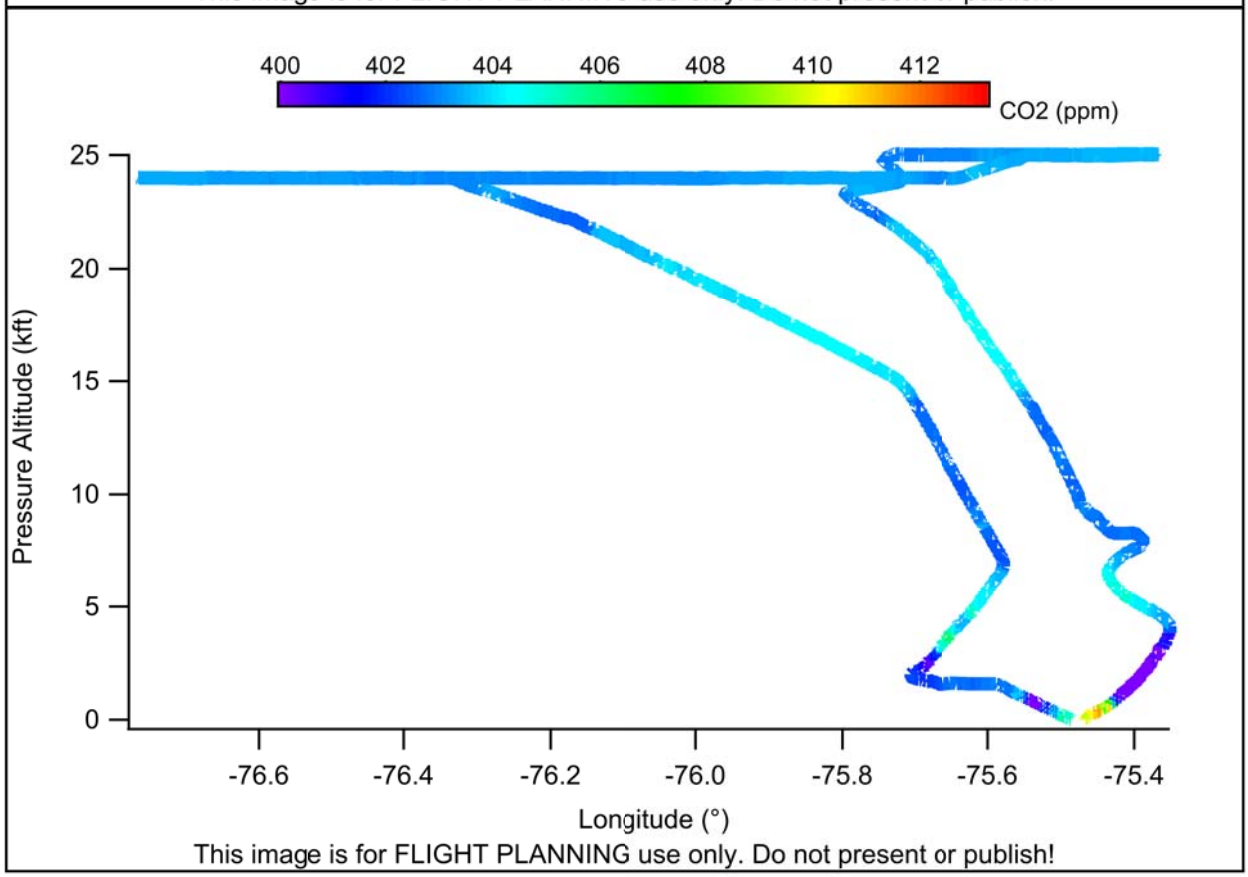
400
402
404
406
408
410
412
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-76.6
-76.4
-76.2
-76.0
-75.8
-75.6
-75.4
Longitude (°)
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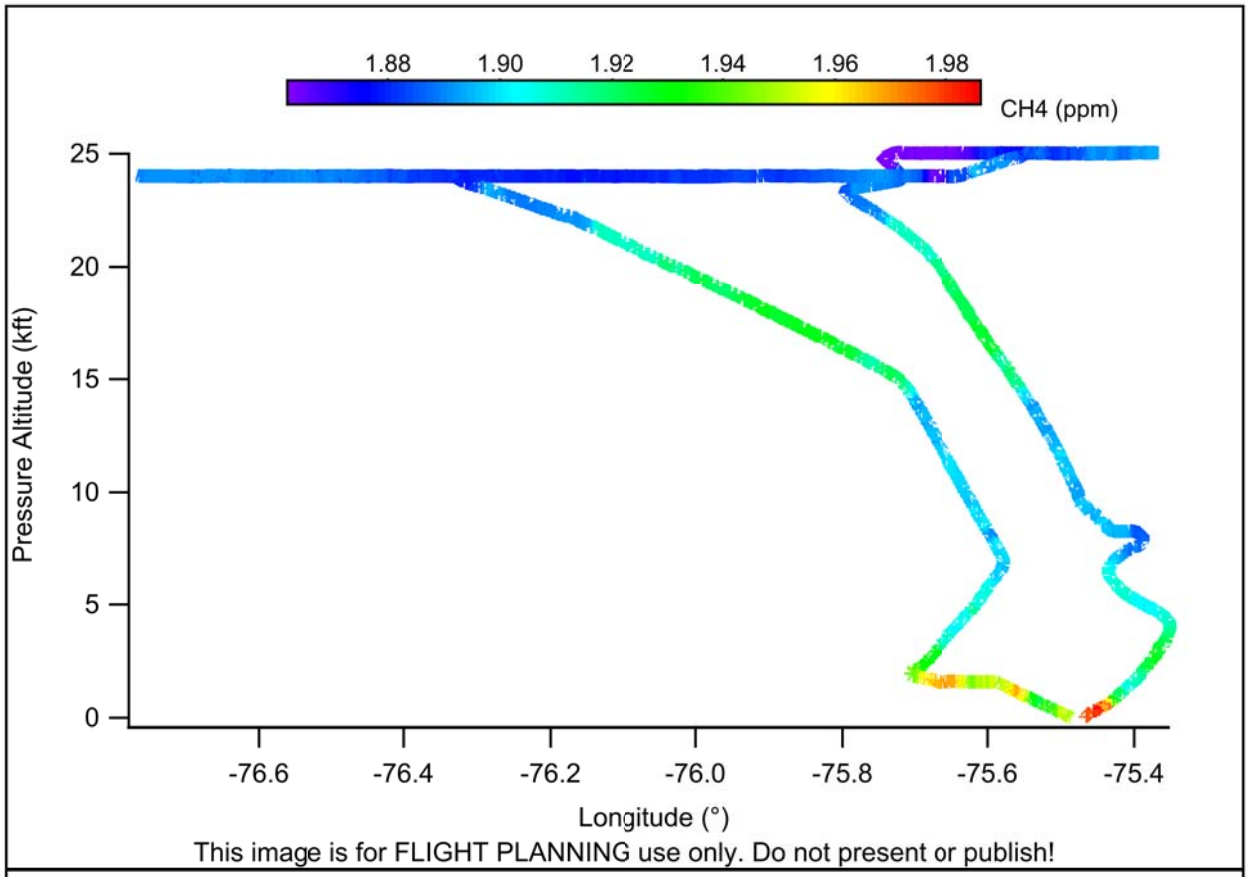
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1.90
1.92
1.94
1.96
1.98
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
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0
-76.6
-76.4
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-75.8
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-75.4
Longitude (°)
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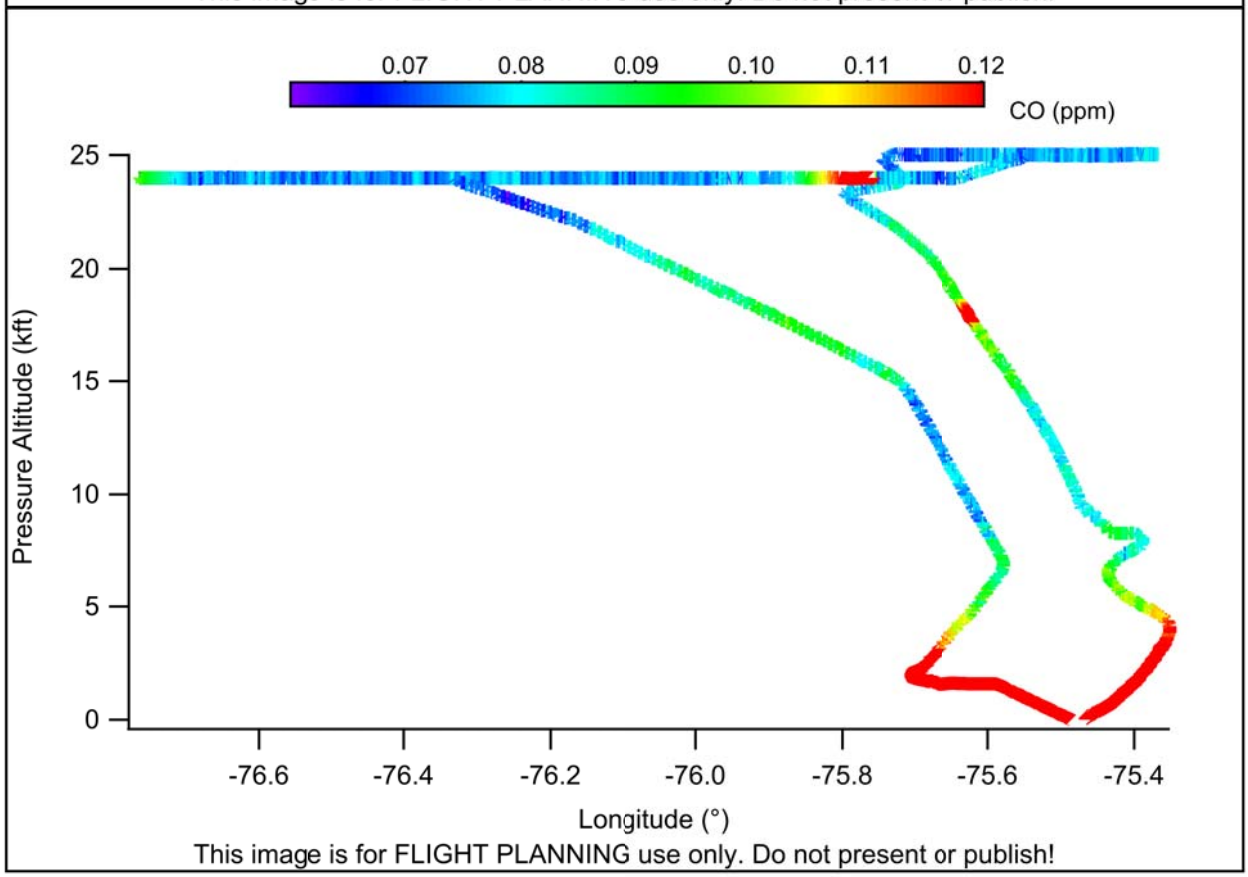
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0.08
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0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-76.6
-76.4
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-75.8
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Longitude (°)
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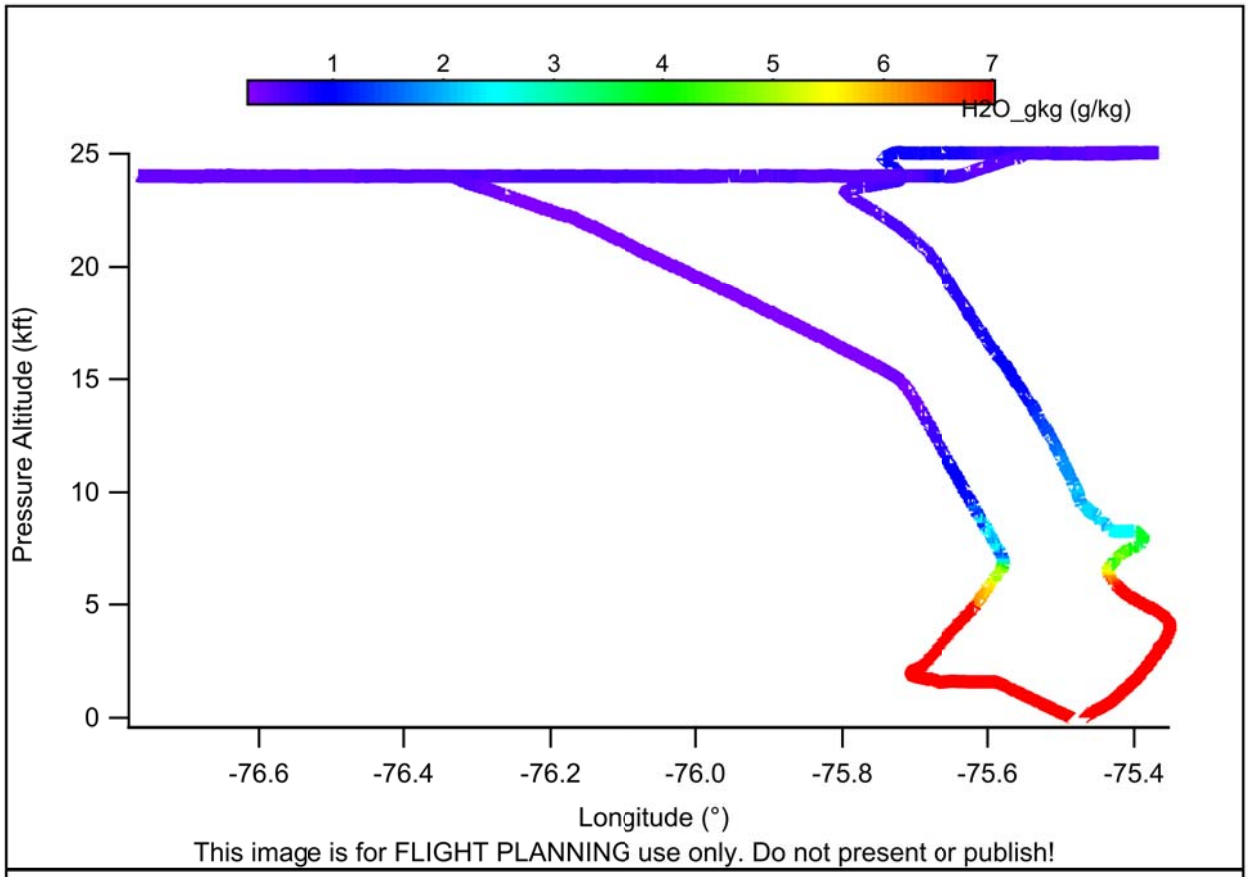
1
2
3
4
5
6
7
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
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0
-76.6
-76.4
-76.2
-76.0
-75.8
-75.6
-75.4
Longitude (°)
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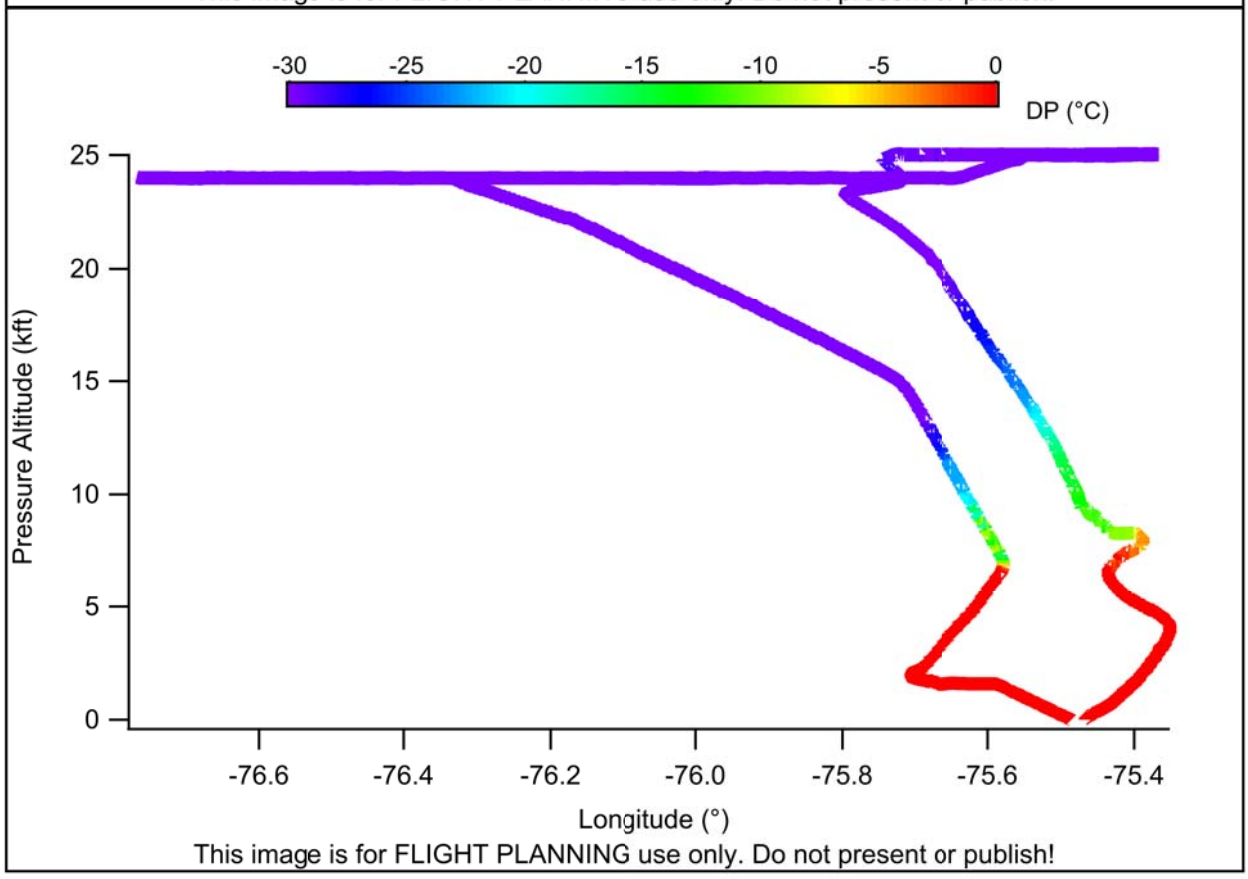
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-25
-20
-15
-10
-5
0
DP (°C)
Pressure Altitude (kft)
25
20
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10
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0
-76.6
-76.4
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-75.8
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-75.4
Longitude (°)
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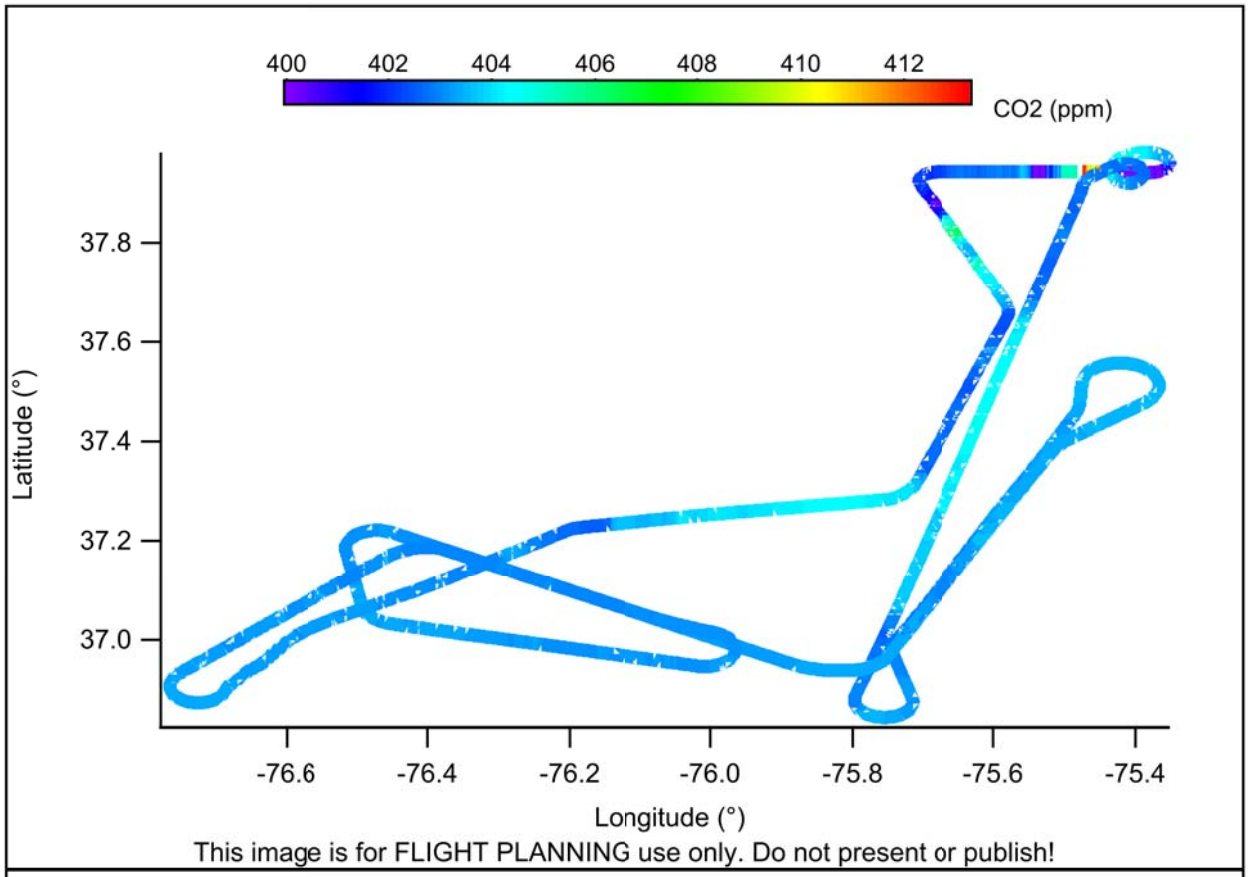
400
402
404
406
408
410
412
CO2 (ppm)
37.8
37.6
37.4
37.2
37.0
Latitude (°)
-76.6
-76.4
-76.2
-76.0
-75.8
-75.6
-75.4
Longitude (°)
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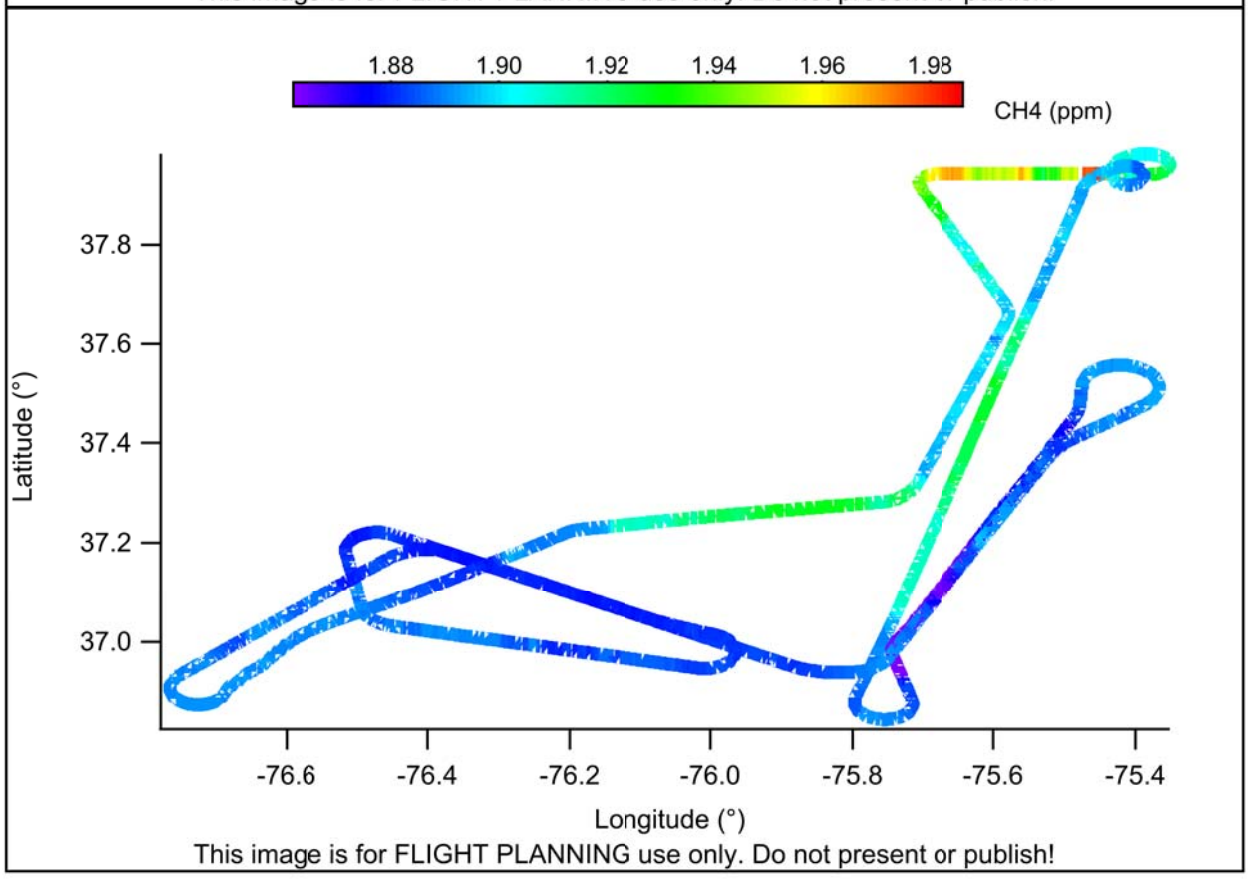
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1.90
1.92
1.94
1.96
1.98
CH4 (ppm)
37.8
37.6
37.4
37.2
37.0
Latitude (°)
-76.6
-76.4
-76.2
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-75.8
-75.6
-75.4
Longitude (°)
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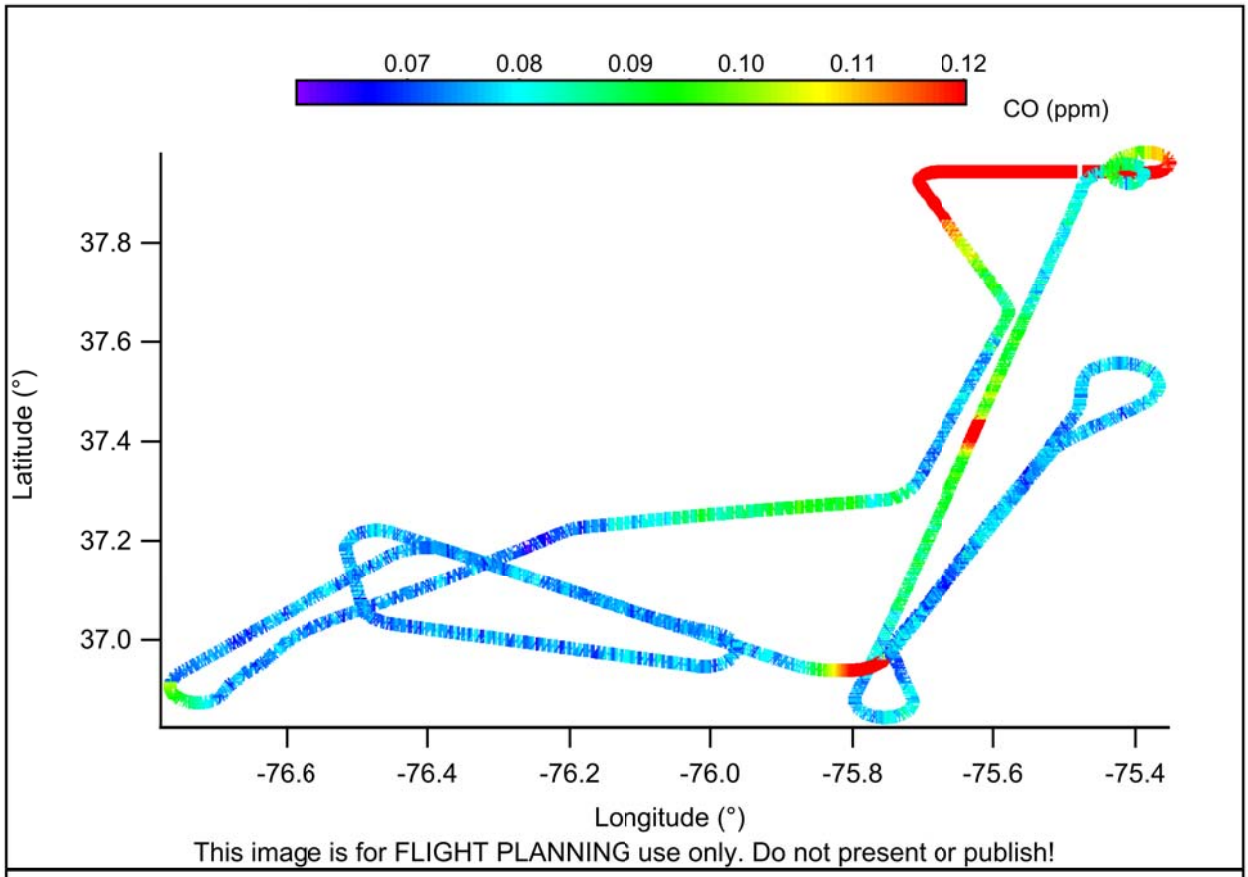
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
37.8
37.6
37.4
37.2
37.0
Latitude (°)
-76.6
-76.4
-76.2
-76.0
-75.8
-75.6
-75.4
Longitude (°)
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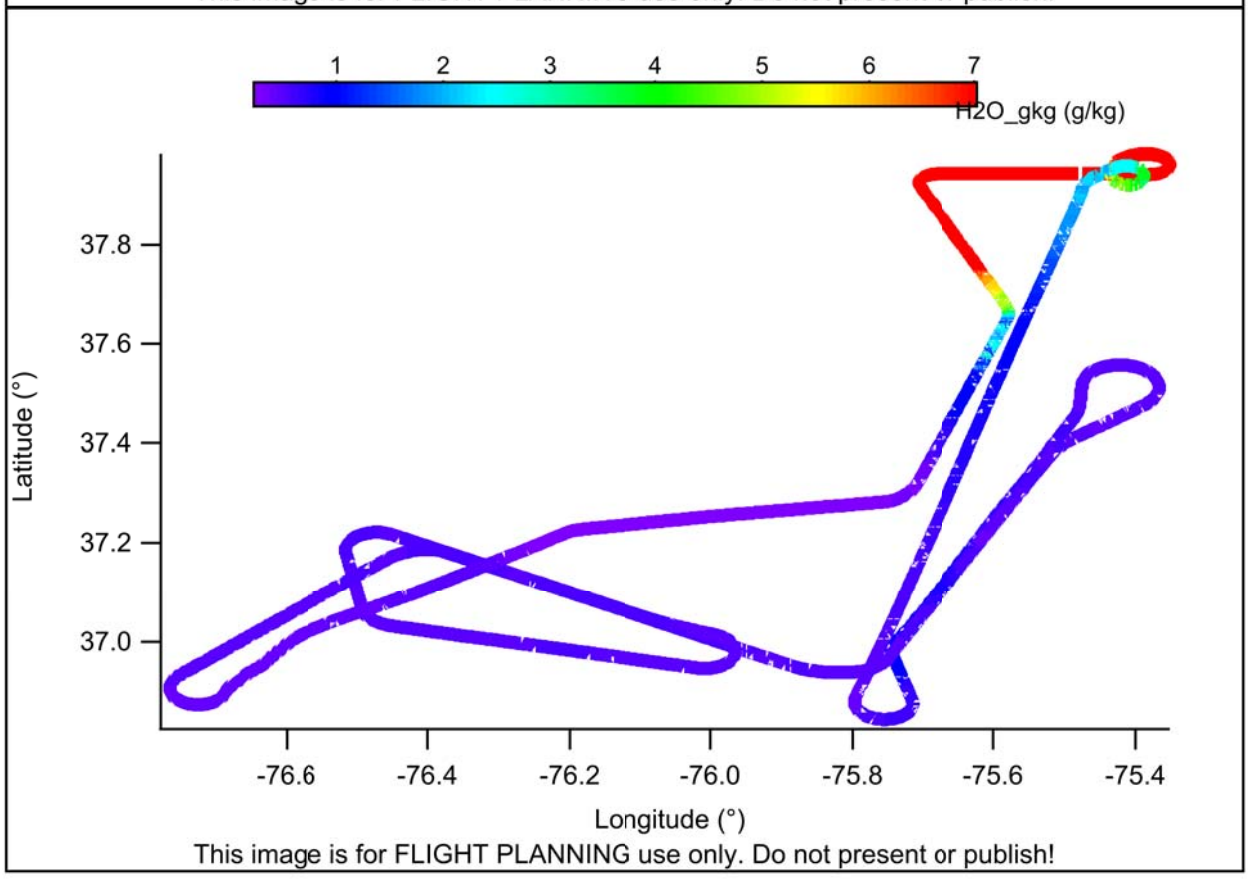
1
2
3
4
5
6
7
H2O_gkg (g/kg)
37.8
37.6
37.4
37.2
37.0
Latitude (°)
-76.6
-76.4
-76.2
-76.0
-75.8
-75.6
-75.4
Longitude (°)
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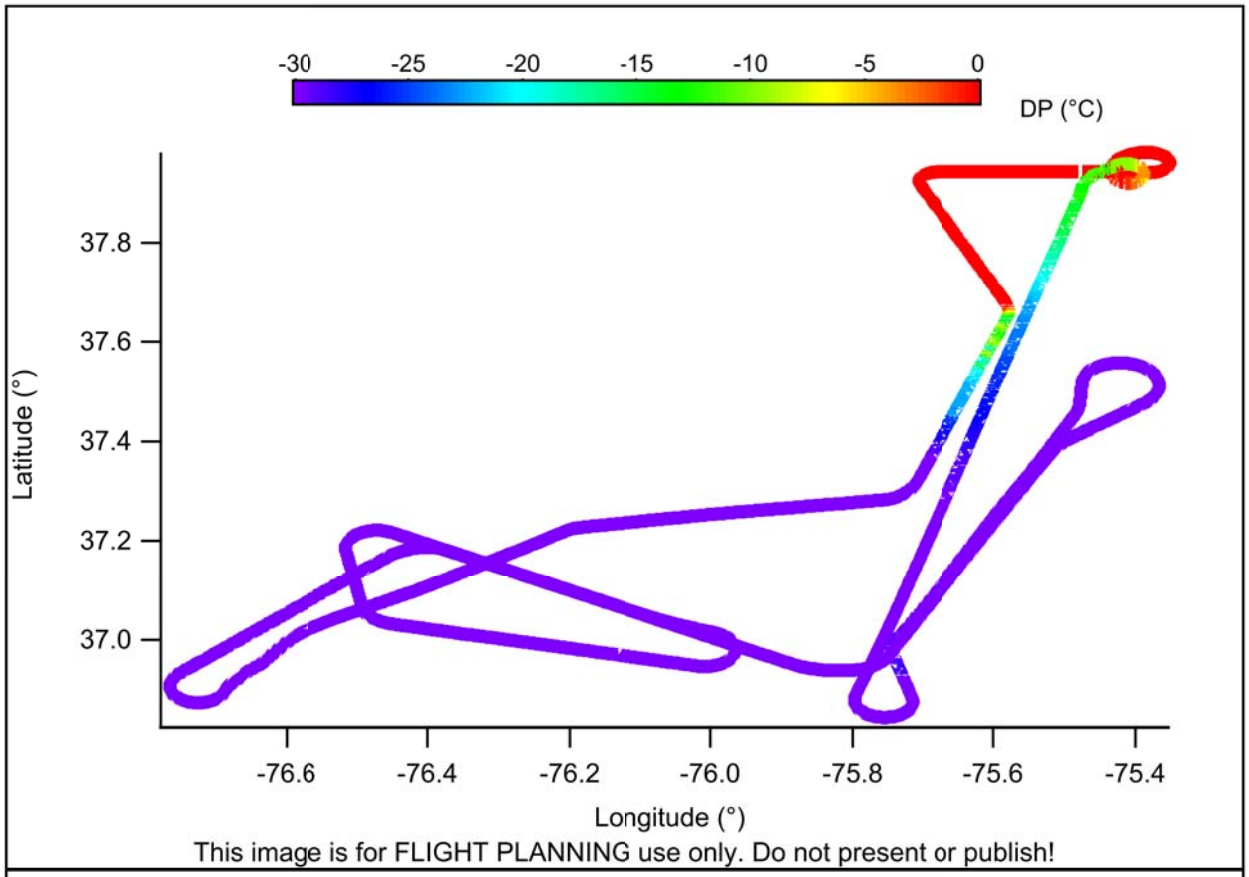
-30
-25
-20
-15
-10
-5
0
DP (°C)
37.8
37.6
37.4
37.2
37.0
Latitude (°)
-76.6
-76.4
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-75.8
-75.6
-75.4
Longitude (°)
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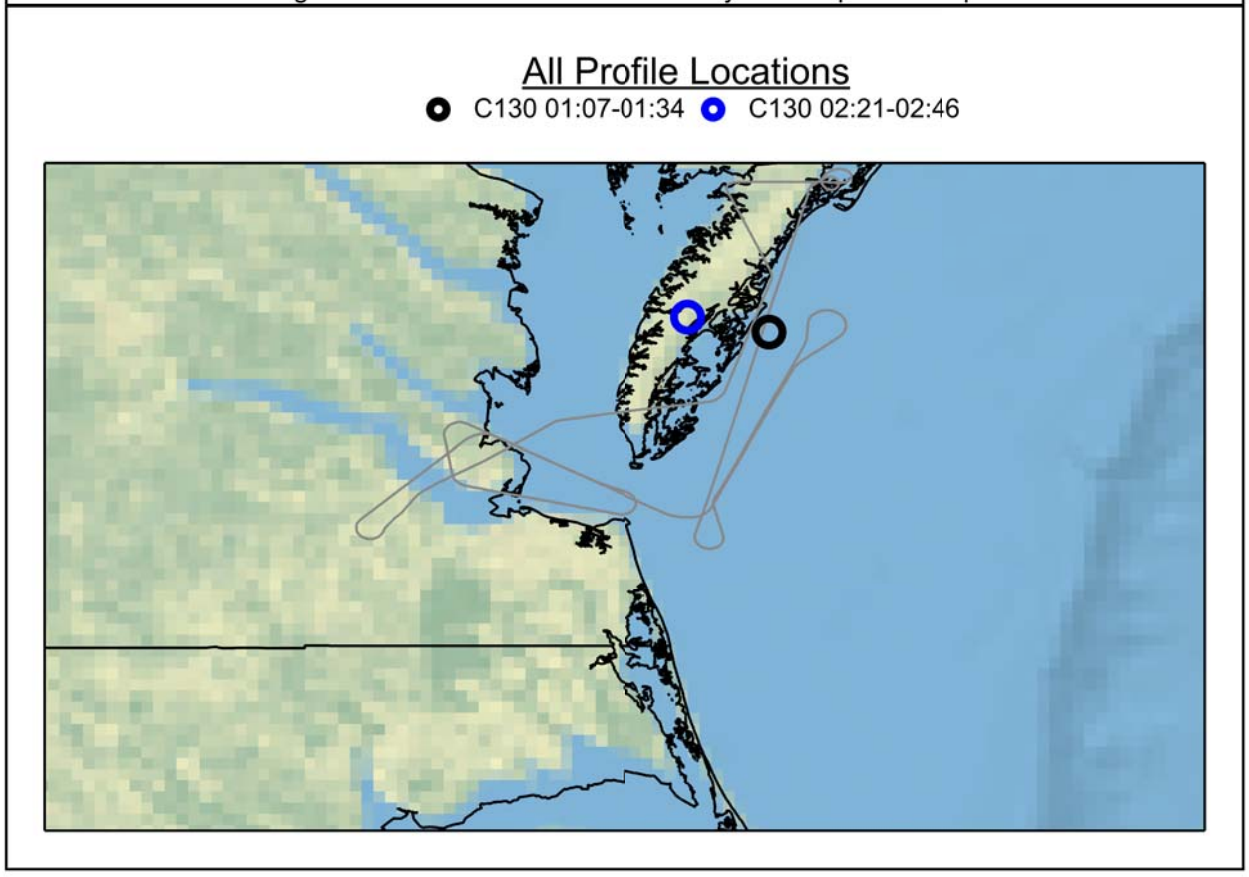
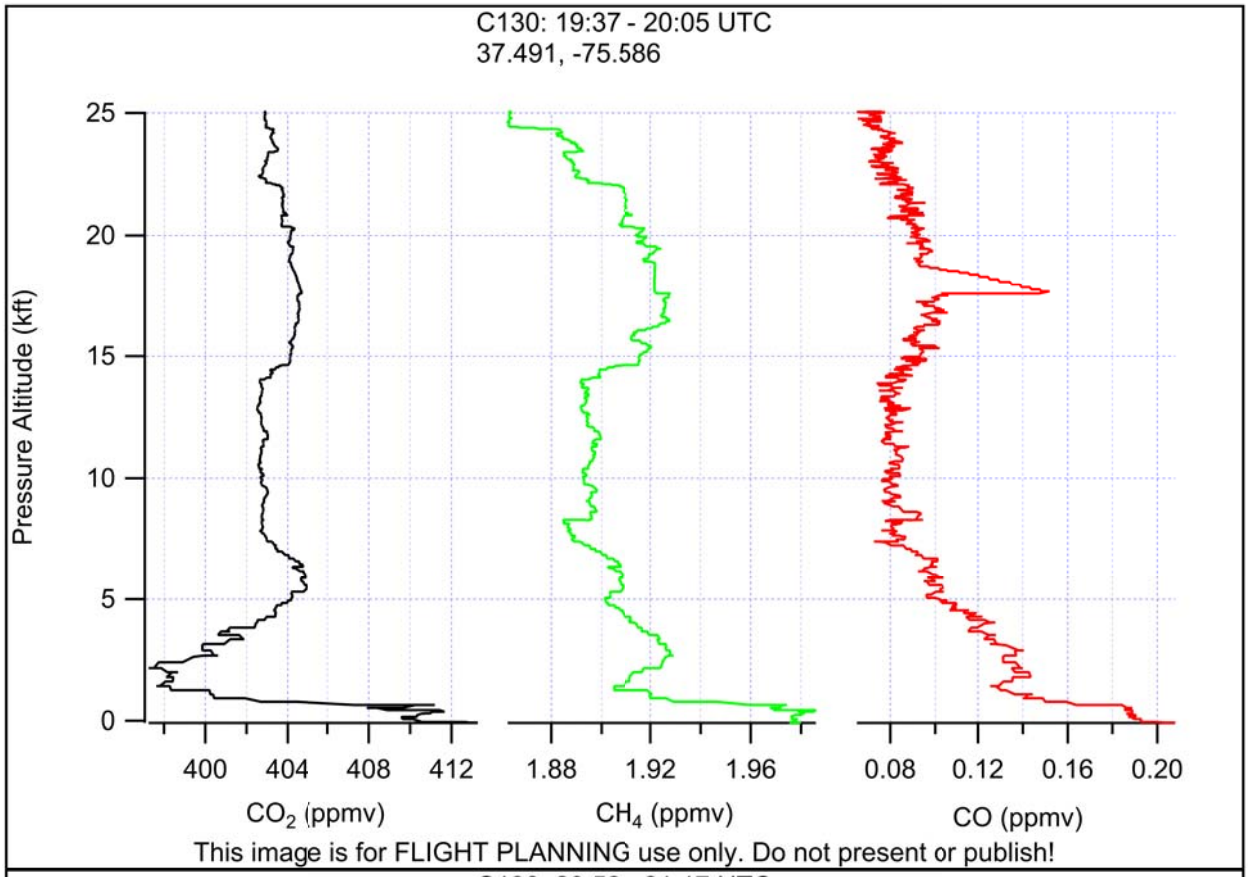

All Profile Locations
C130 01:07-01:34
C130 02:21-02:46


C130: 19:37 - 20:05 UTC
37.491, -75.586
Pressure Altitude (kft)
25
20
15
10
5
0
400
404
408
412
CO2 (ppmv)
1.88
1.92
1.96
CH4 (ppmv)
0.08
0.12
0.16
0.20
CO (ppmv)
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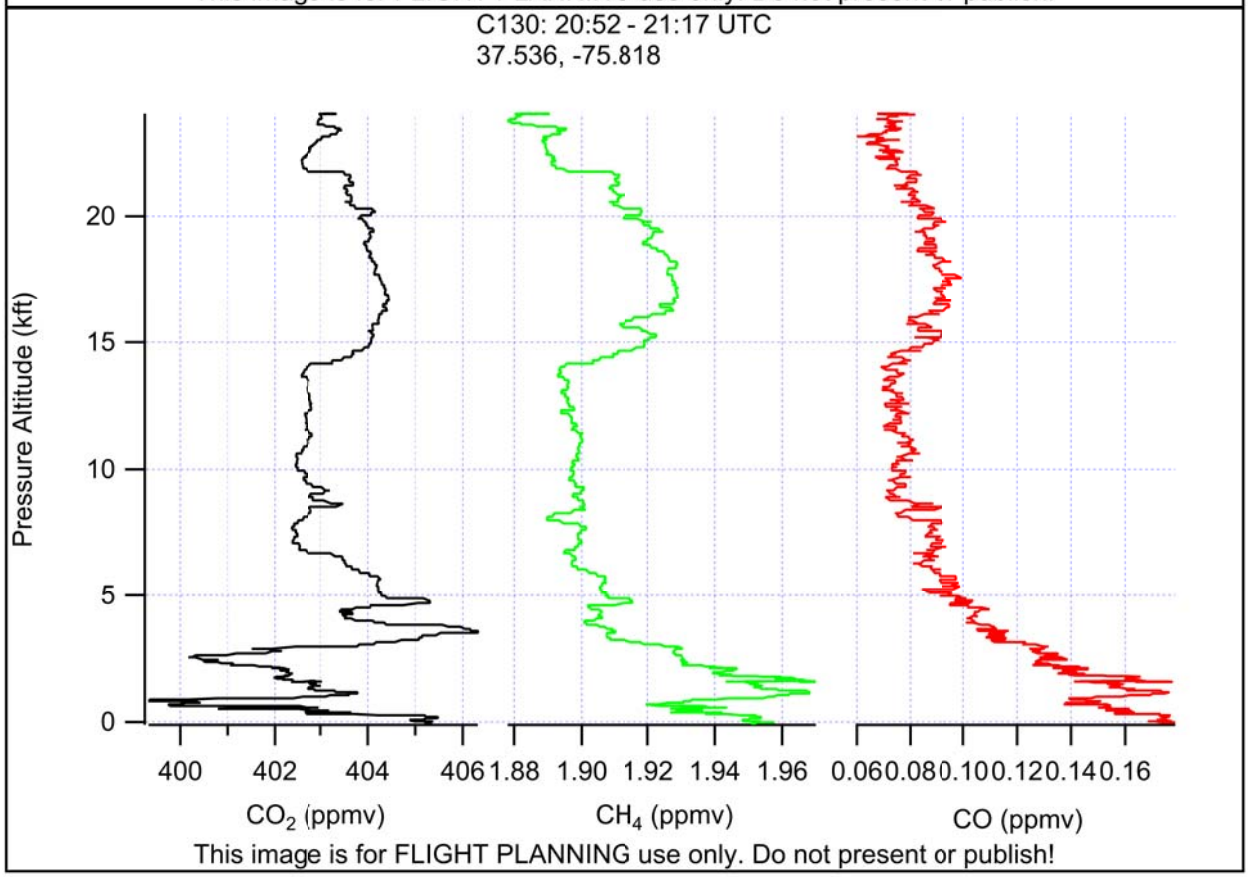
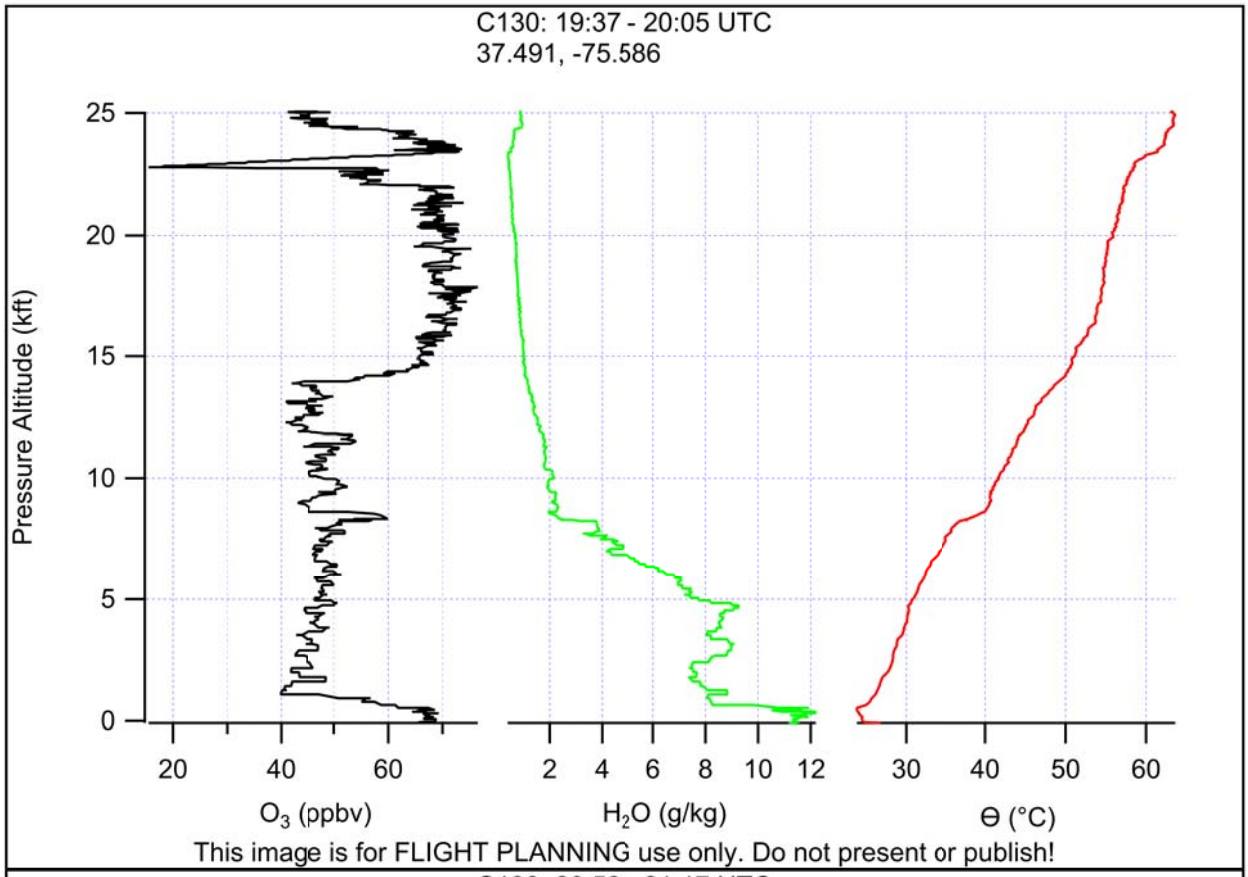

C130: 20:52 - 21:17 UTC
37.536, -75.818
Pressure Altitude (kft)
20
15
10
5
0
400
402
404
406
CO2 (ppmv)
1.88
1.90
1.92
1.94
1.96
CH4 (ppmv)
0.06
0.08
0.10
0.12
0.14
0.16
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:37 - 20:05 UTC
37.491, -75.586
Pressure Altitude (kft)
25
20
15
10
5
0
20
40
60
O3 (ppbv)
2
4
6
8
10
12
H2O (g/kg)
30
40
50
60
Θ (°C)
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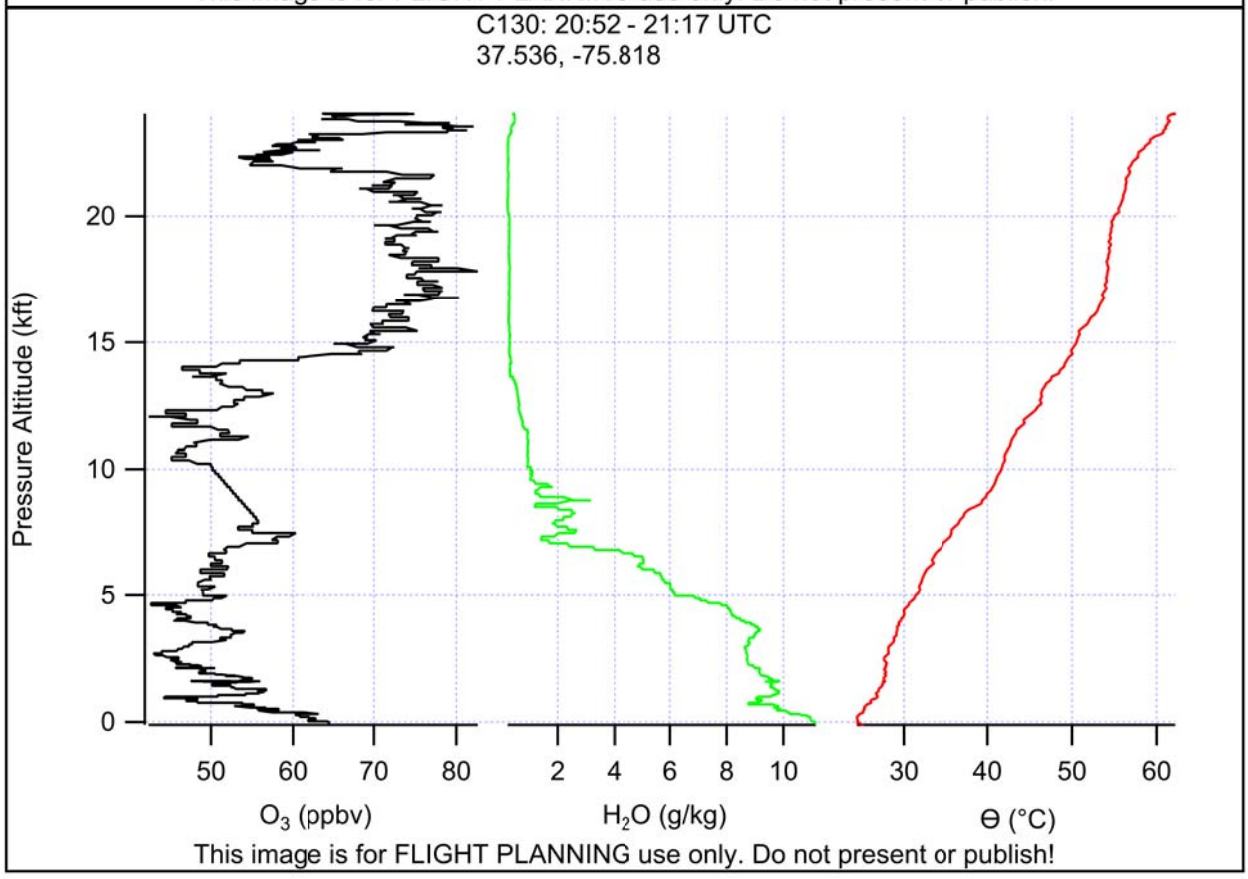
C130: 20:52 - 21:17 UTC
37.536, -75.818
Pressure Altitude (kft)
20
15
10
5
0
50
60
70
80
O3 (ppbv)
2
4
6
8
10
H2O (g/kg)
30
40
50
60
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!