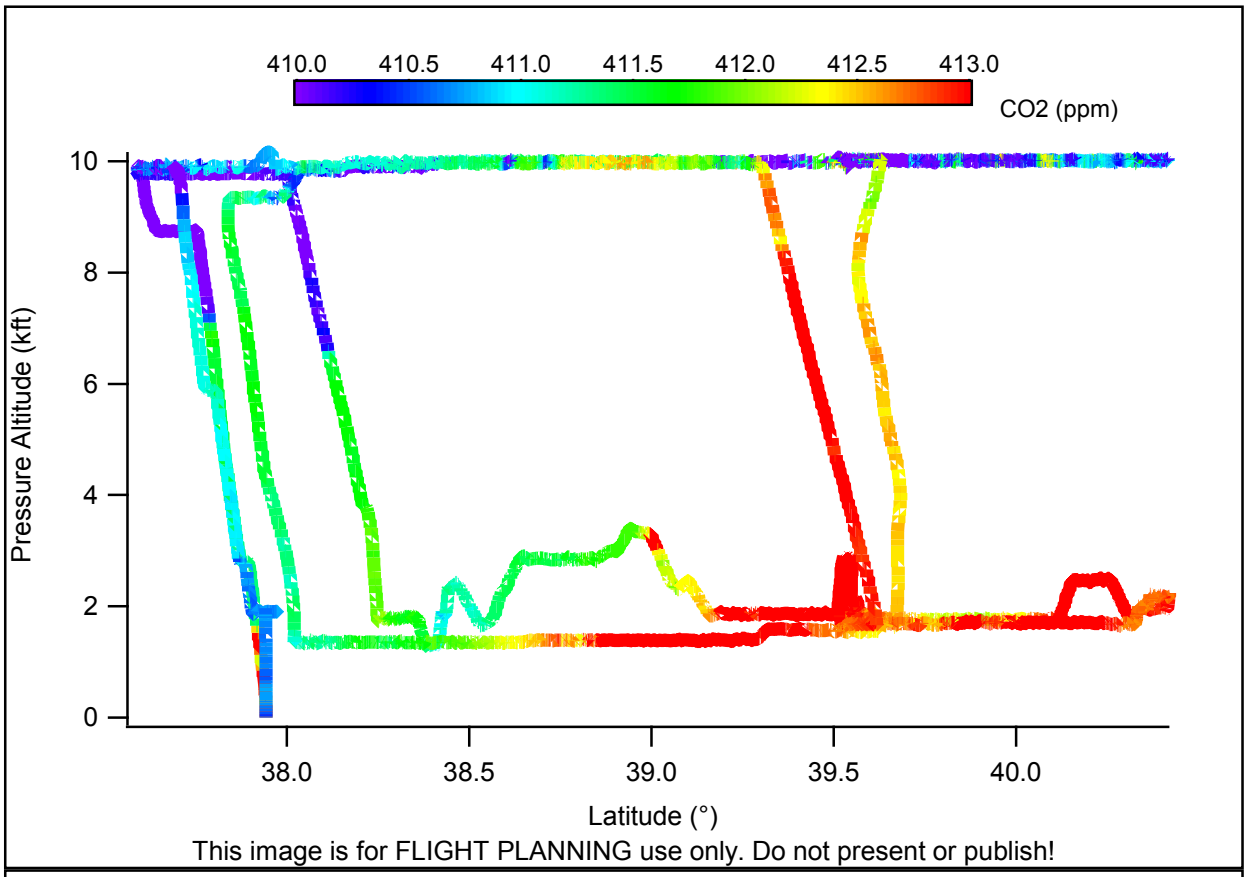
ACT-America 20170309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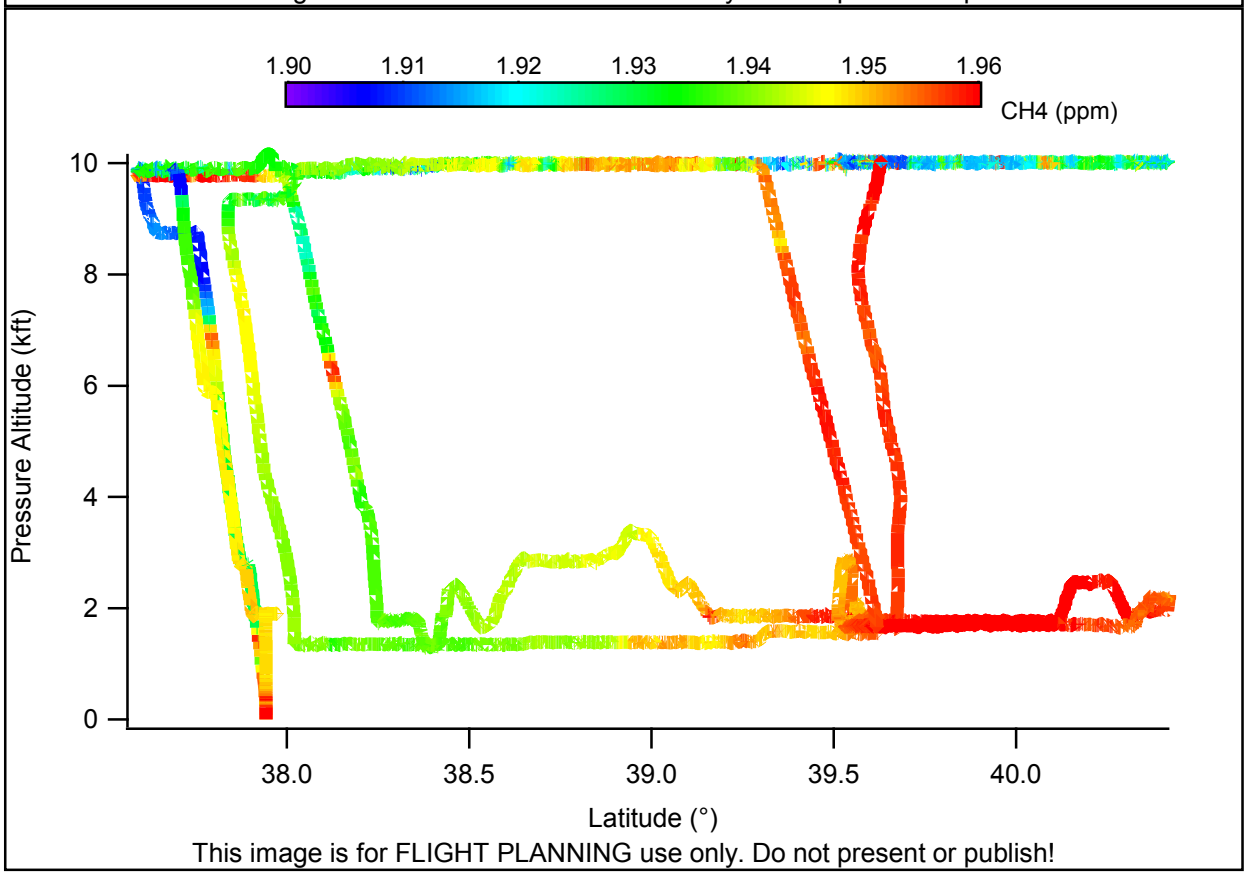
410.5
411.0
411.5
412.0
412.5
413.0
CO2 (ppm)
Pressure Altitude (kft)
10
8
6
4
2
0
38.0
38.5
39.0
39.5
40.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1.90
1.91
1.92
1.93
1.94
1.95
1.96
CH4 (ppm)
Pressure Altitude (kft)
10
8
6
4
2
0
38.0
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39.0
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Latitude (°)
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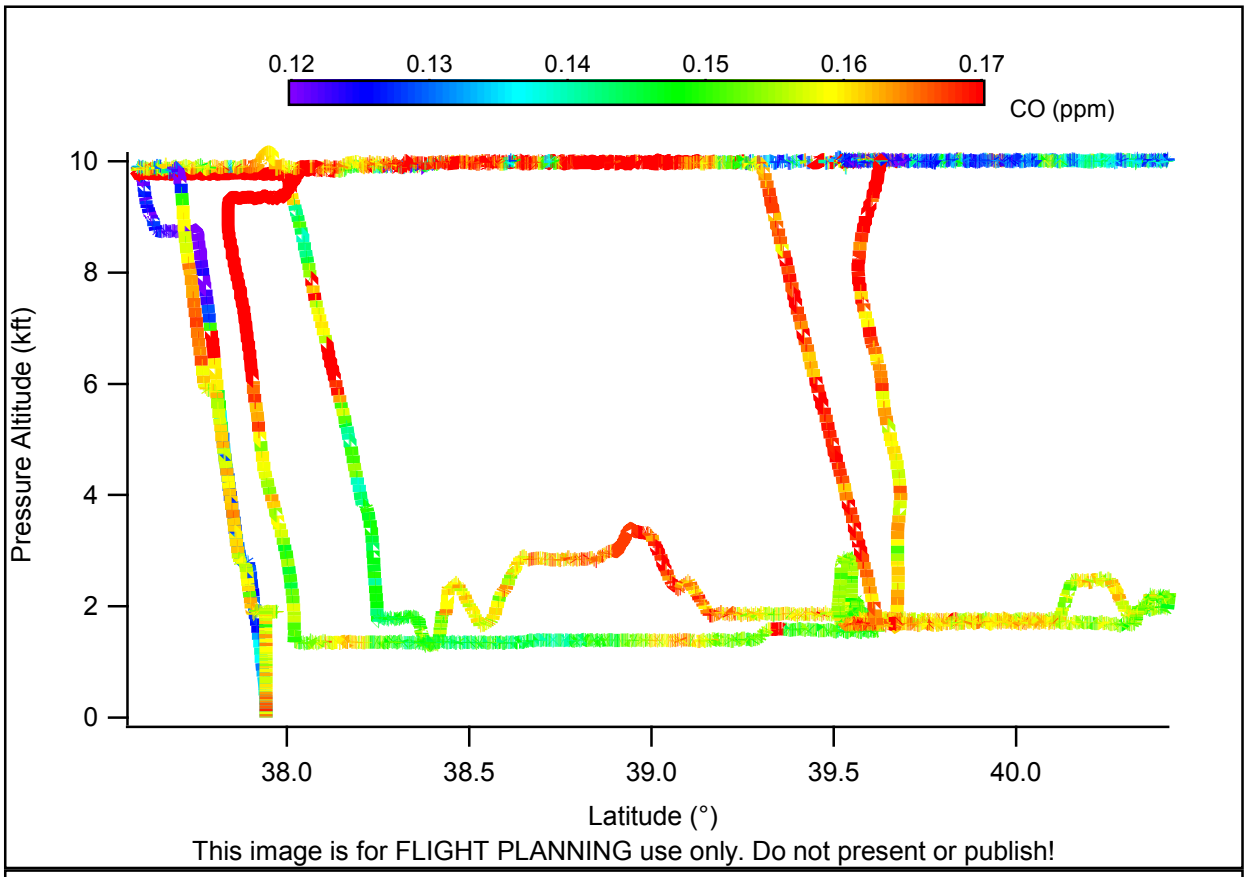
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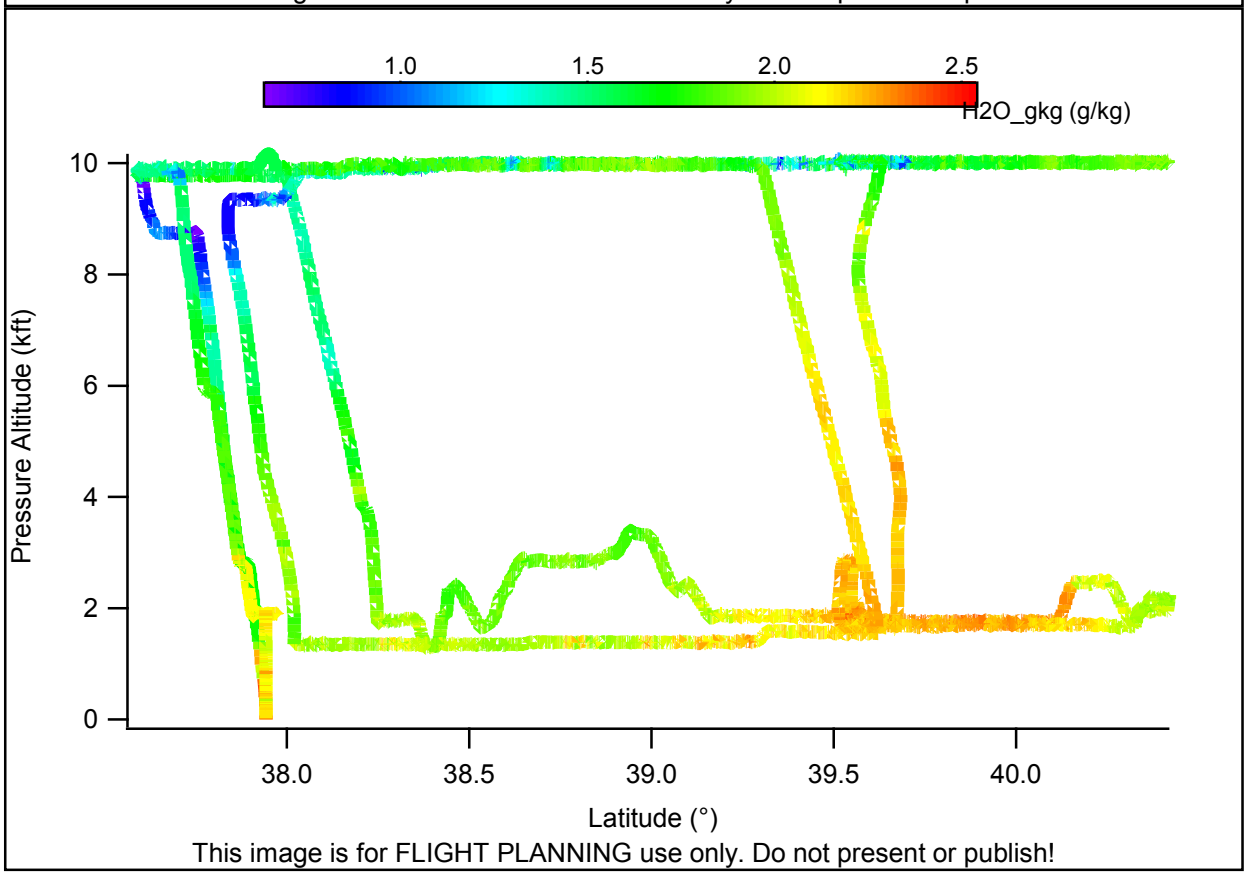
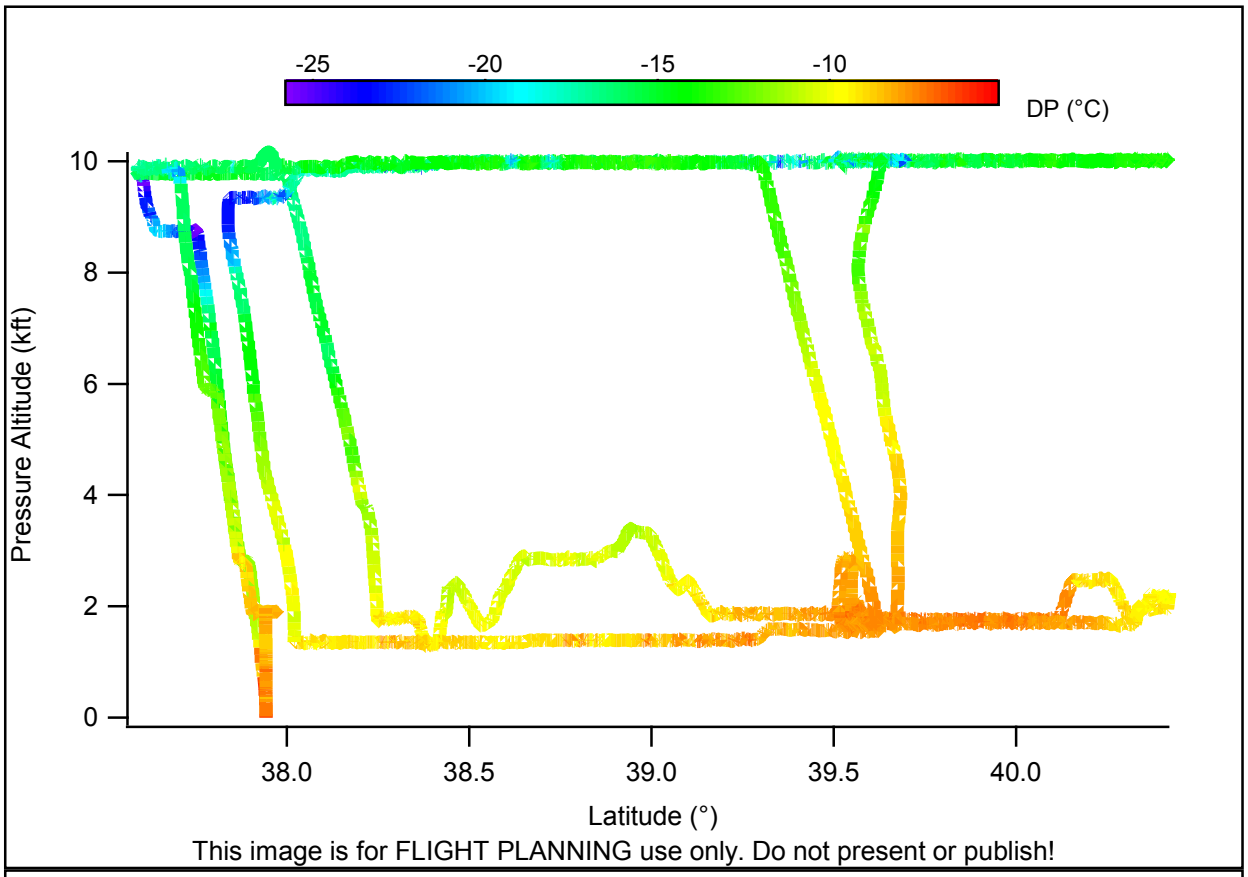
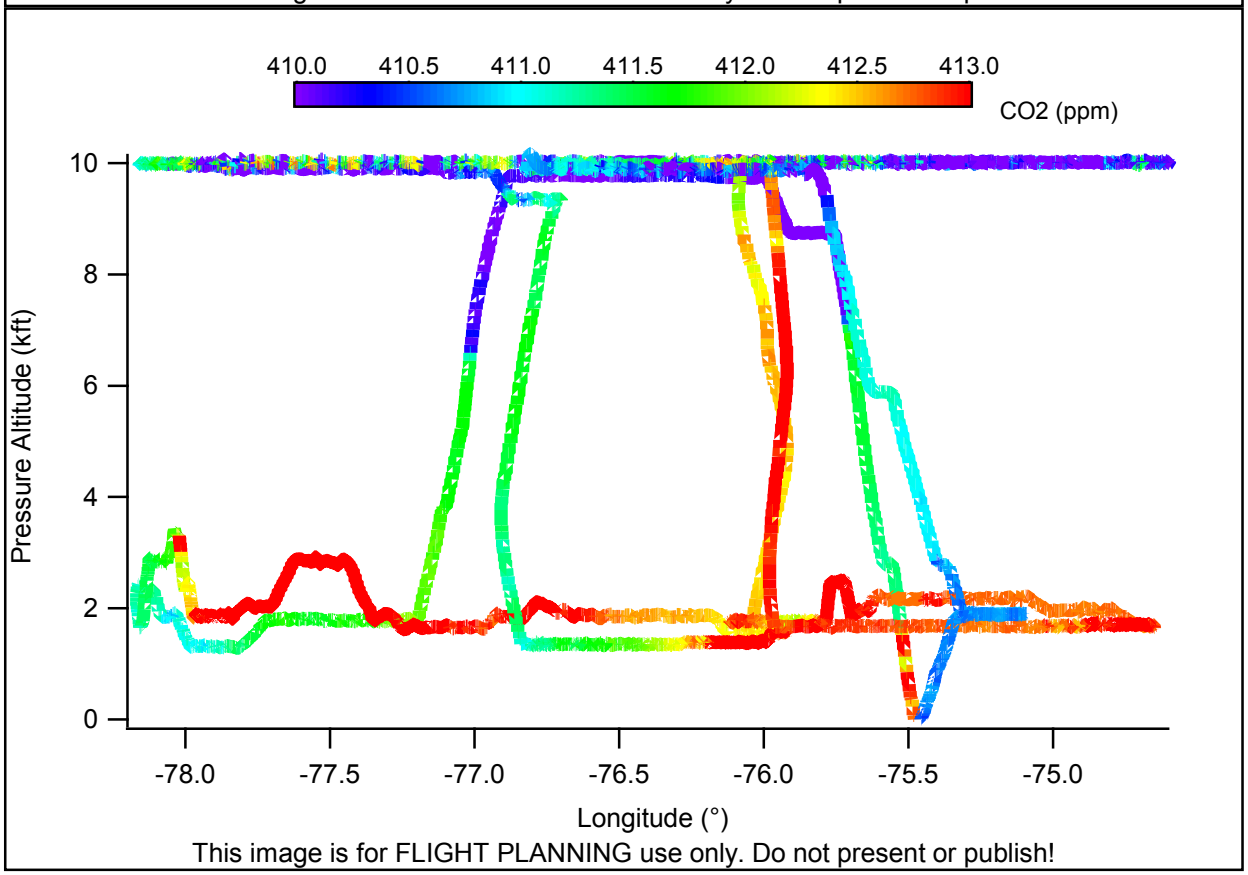
0.13
0.14
0.15
0.16
0.17
CO (ppm)
Pressure Altitude (kft)
10
8
6
4
2
0
38.0
38.5
39.0
39.5
40.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1.0
1.5
2.0
2.5
H2O_gkg (g/kg)
Pressure Altitude (kft)
10
8
6
4
2
0
38.0
38.5
39.0
39.5
40.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-25
-20
-15
-10
DP (°C)
Pressure Altitude (kft)
10
8
6
4
2
0
38.0
38.5
39.0
39.5
40.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!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411.5
412.0
412.5
413.0
CO2 (ppm)
Pressure Altitude (kft)
10
8
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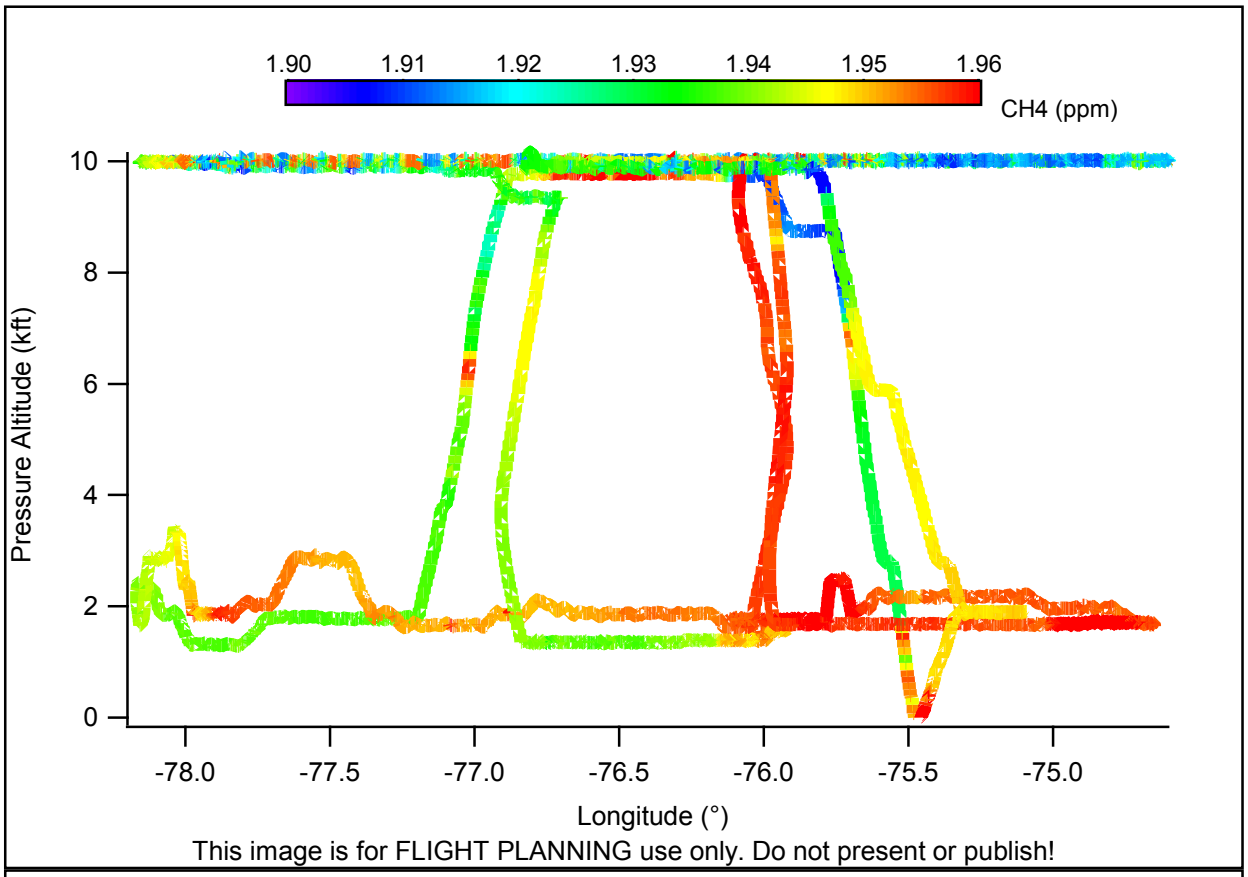
4
2
0
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
-75.0
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1.90
1.91
1.92
1.93
1.94
1.95
1.96
CH4 (ppm)
Pressure Altitude (kft)
10
8
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4
2
0
-78.0
-77.5
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-76.0
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Longitude (°)
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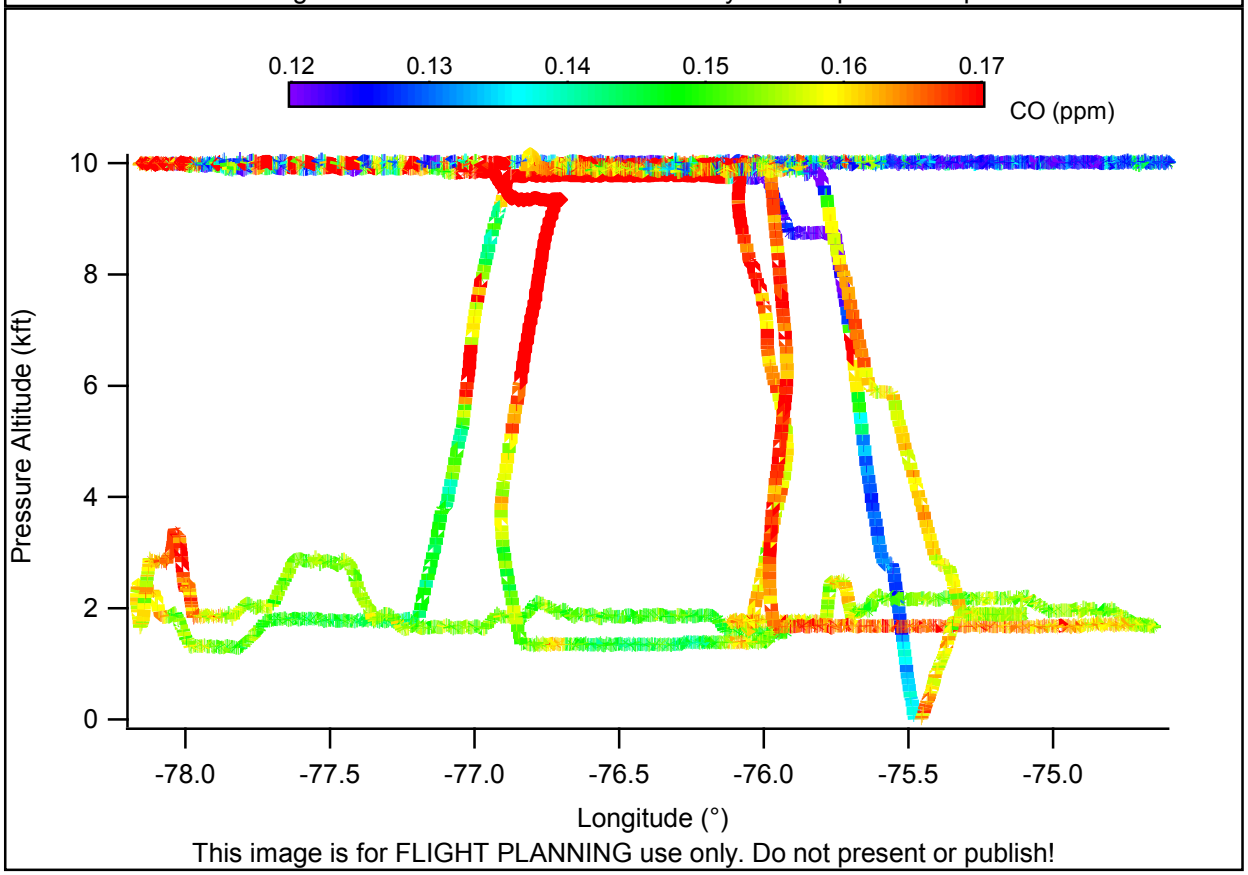
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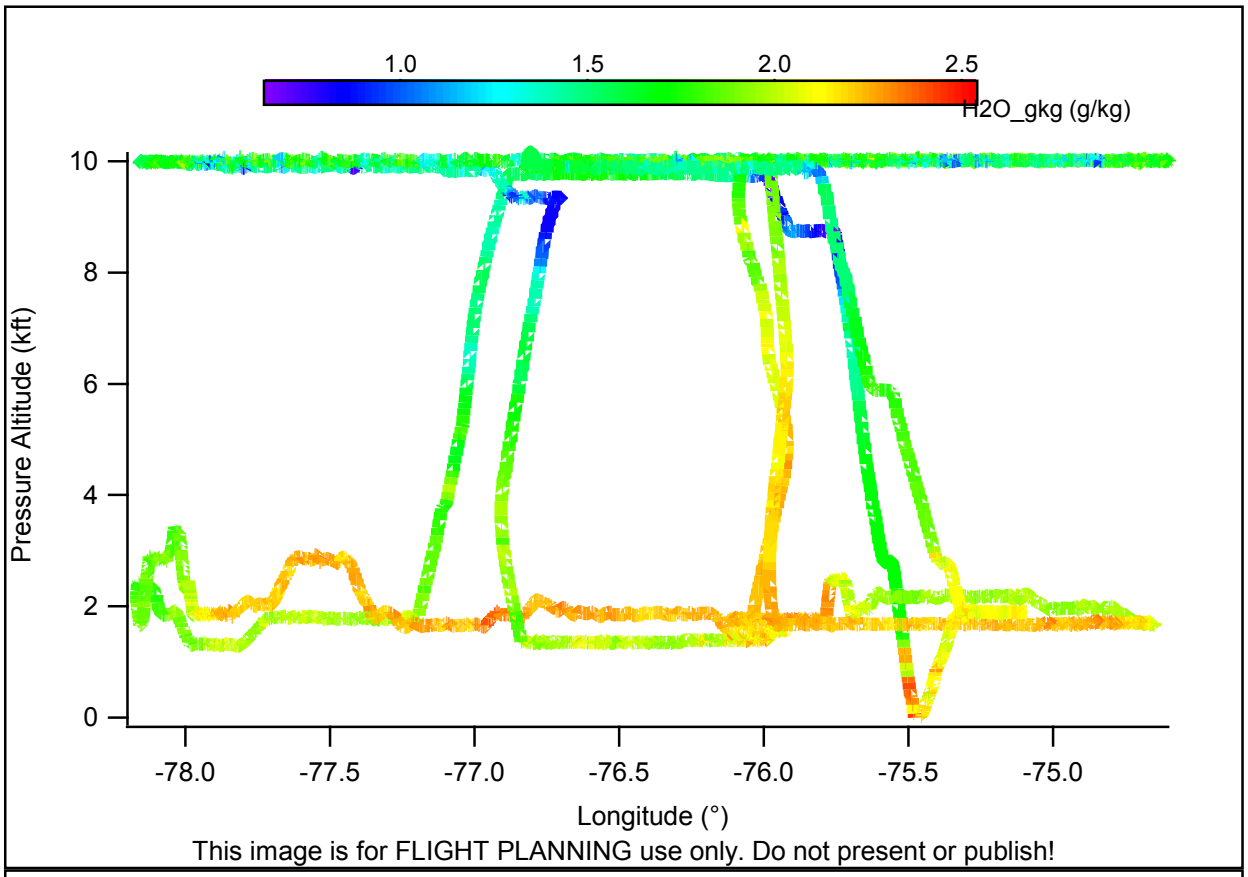
0.13
0.14
0.15
0.16
0.17
CO (ppm)
Pressure Altitude (kft)
10
8
6
4
2
0
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
-75.0
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1.0
1.5
2.0
2.5
H2O_gkg (g/kg)
Pressure Altitude (kft)
10
8
6
4
2
0
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
-75.0
Longitude (°)
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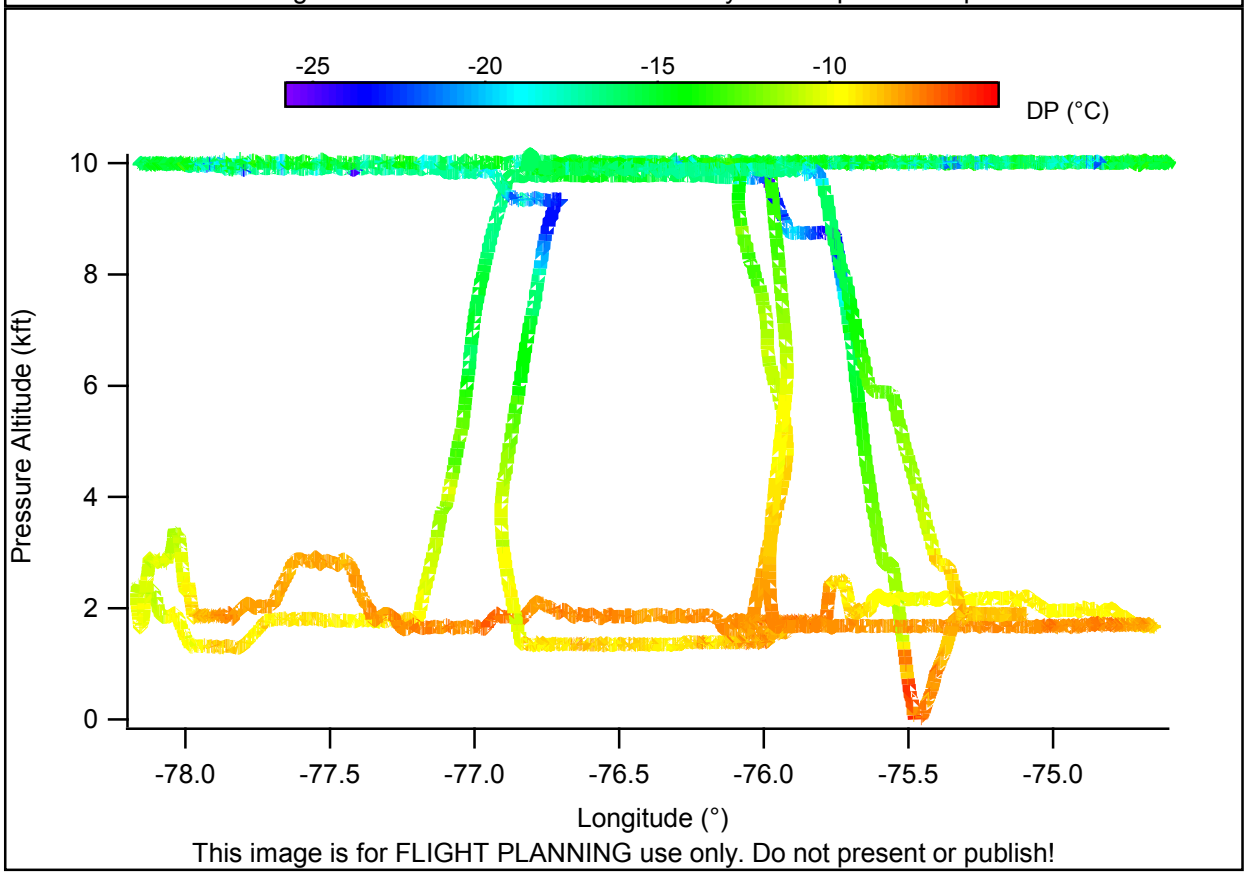
-25
-20
-15
-10
DP (°C)
Pressure Altitude (kft)
10
8
6
4
2
0
-78.0
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Longitude (°)
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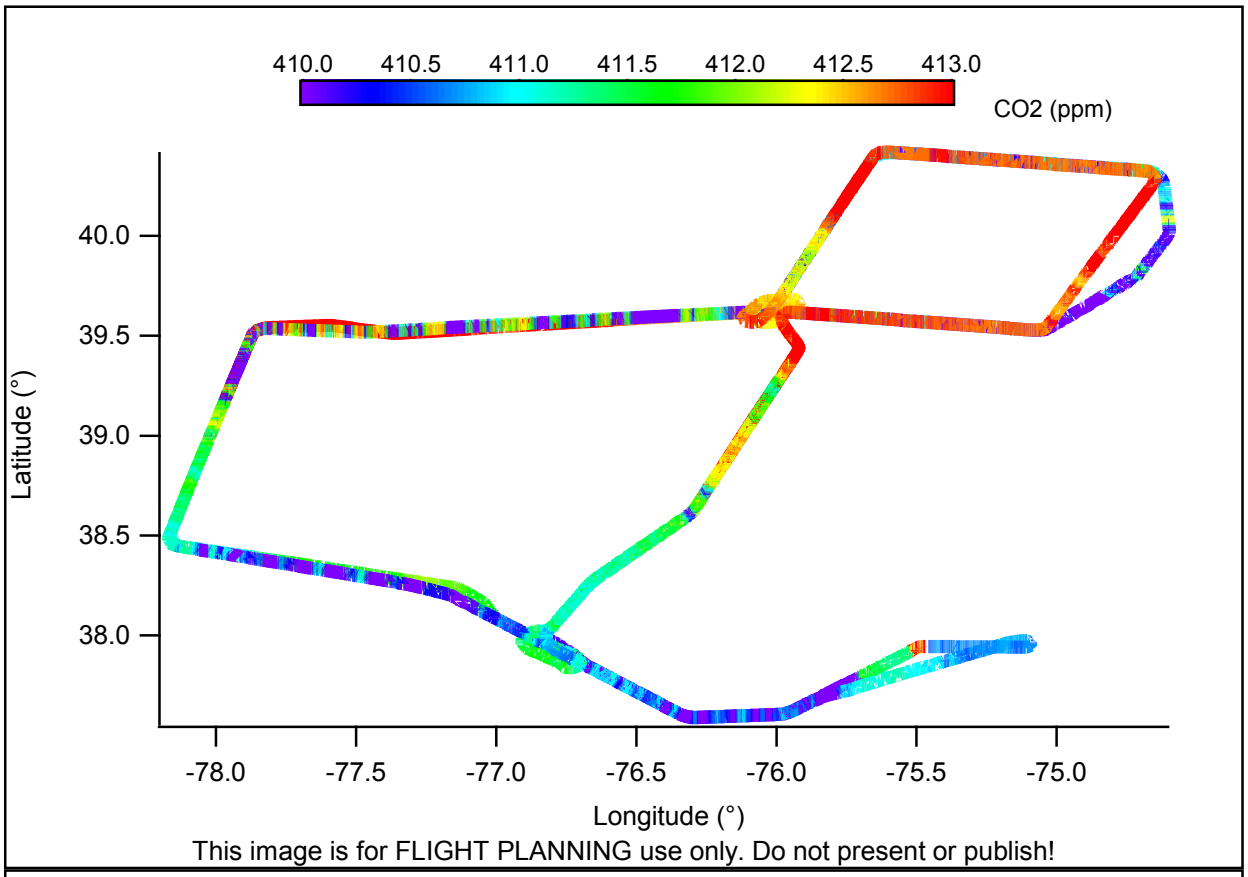
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410.5
411.0
411.5
412.0
412.5
413.0
CO2 (ppm)
40.0
39.5
39.0
38.5
38.0
Latitude (°)
-78.0
-77.5
-77.0
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-76.0
-75.5
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Longitude (°)
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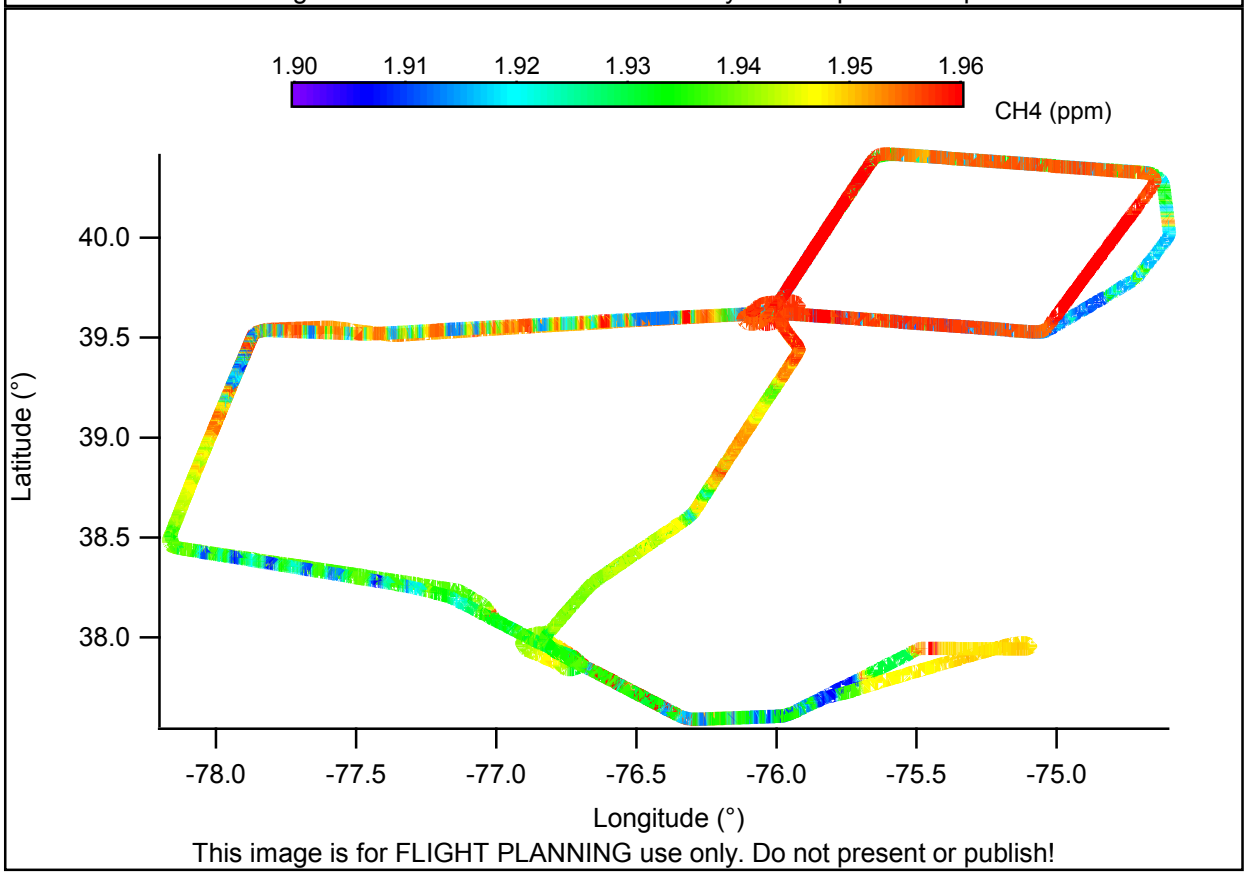
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1.91
1.92
1.93
1.94
1.95
1.96
CH4 (ppm)
40.0
39.5
39.0
38.5
38.0
Latitude (°)
-78.0
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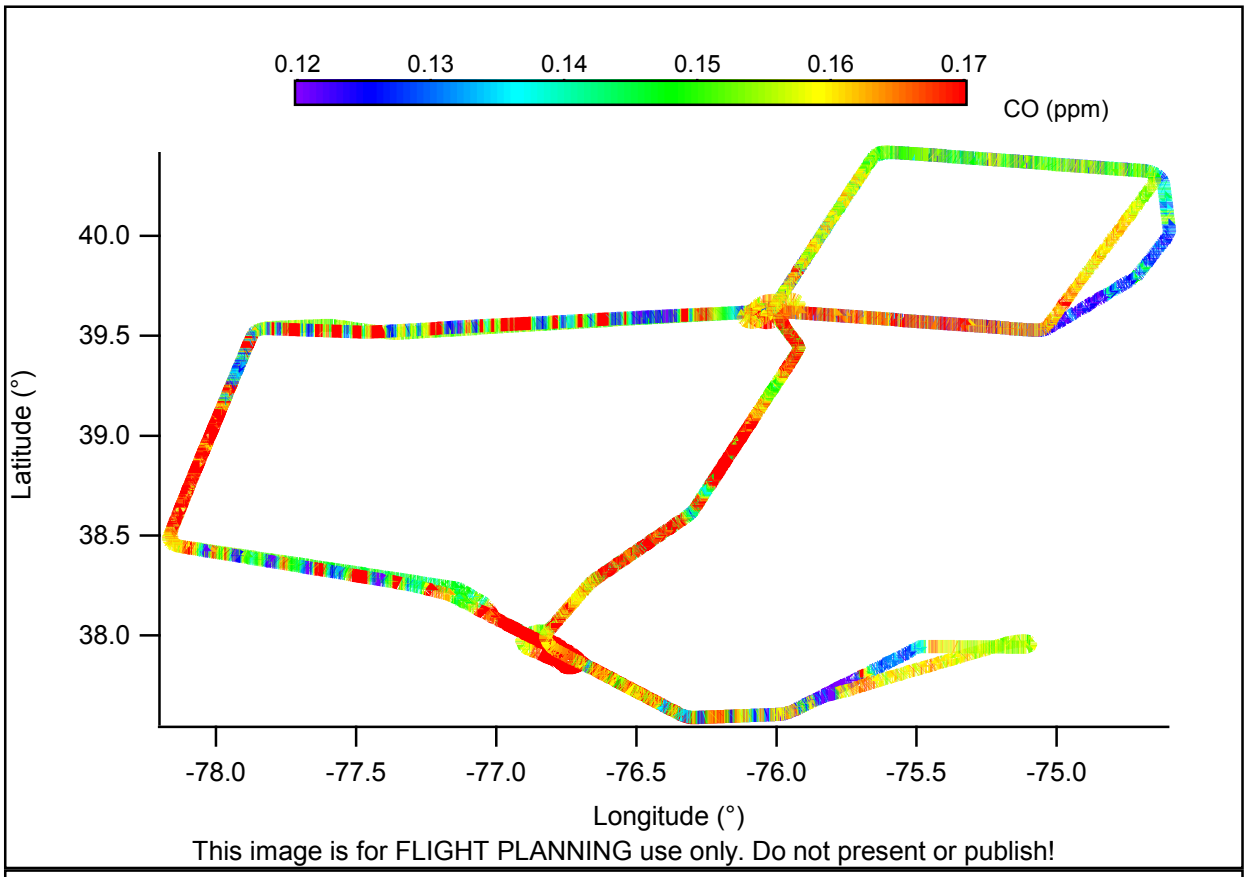
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!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0.13
0.14
0.15
0.16
0.17
CO (ppm)
40.0
39.5
39.0
38.5
38.0
Latitude (°)
-78.0
-77.5
-77.0
-76.5
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Longitude (°)
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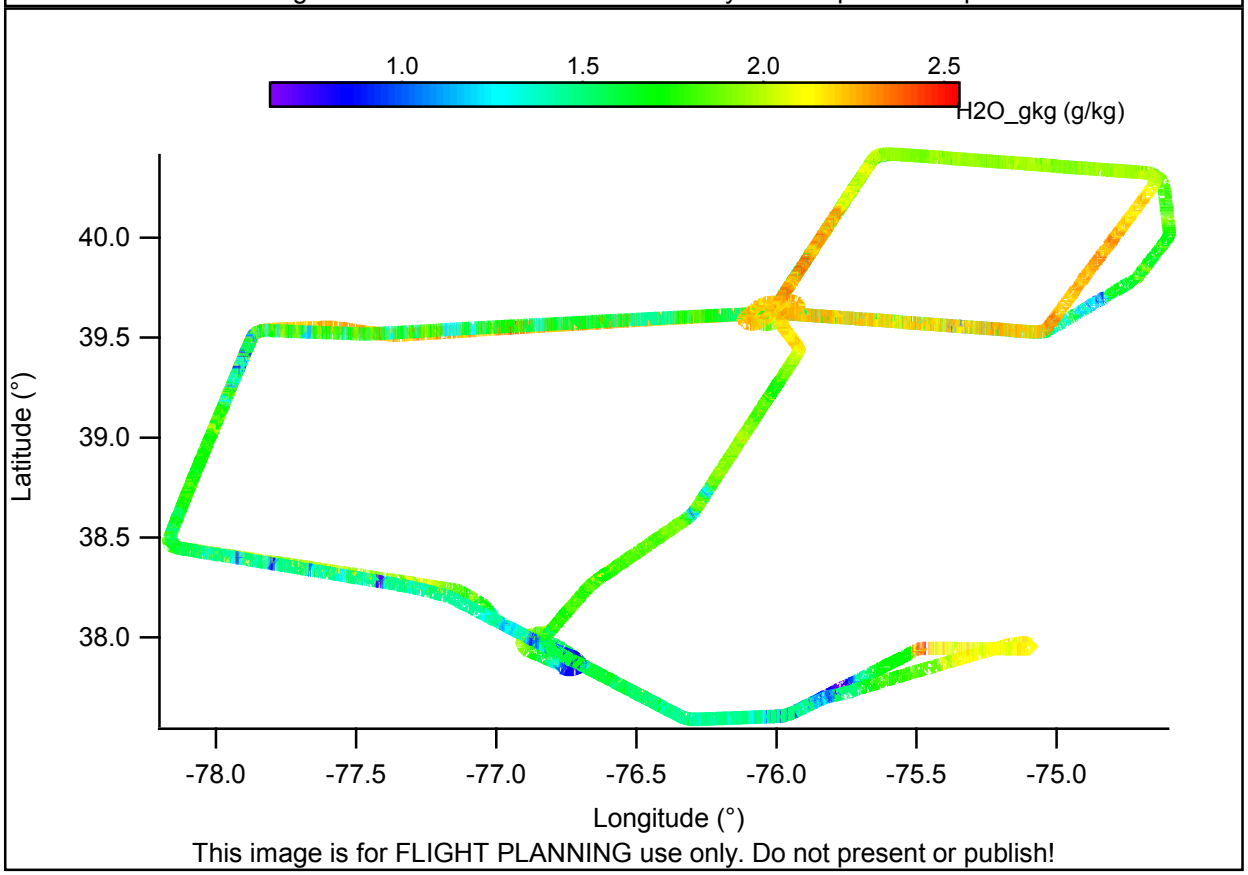
1.0
1.5
2.0
2.5
H2O_gkg (g/kg)
40.0
39.5
39.0
38.5
38.0
Latitude (°)
-78.0
-77.5
-77.0
-76.5
-76.0
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Longitude (°)
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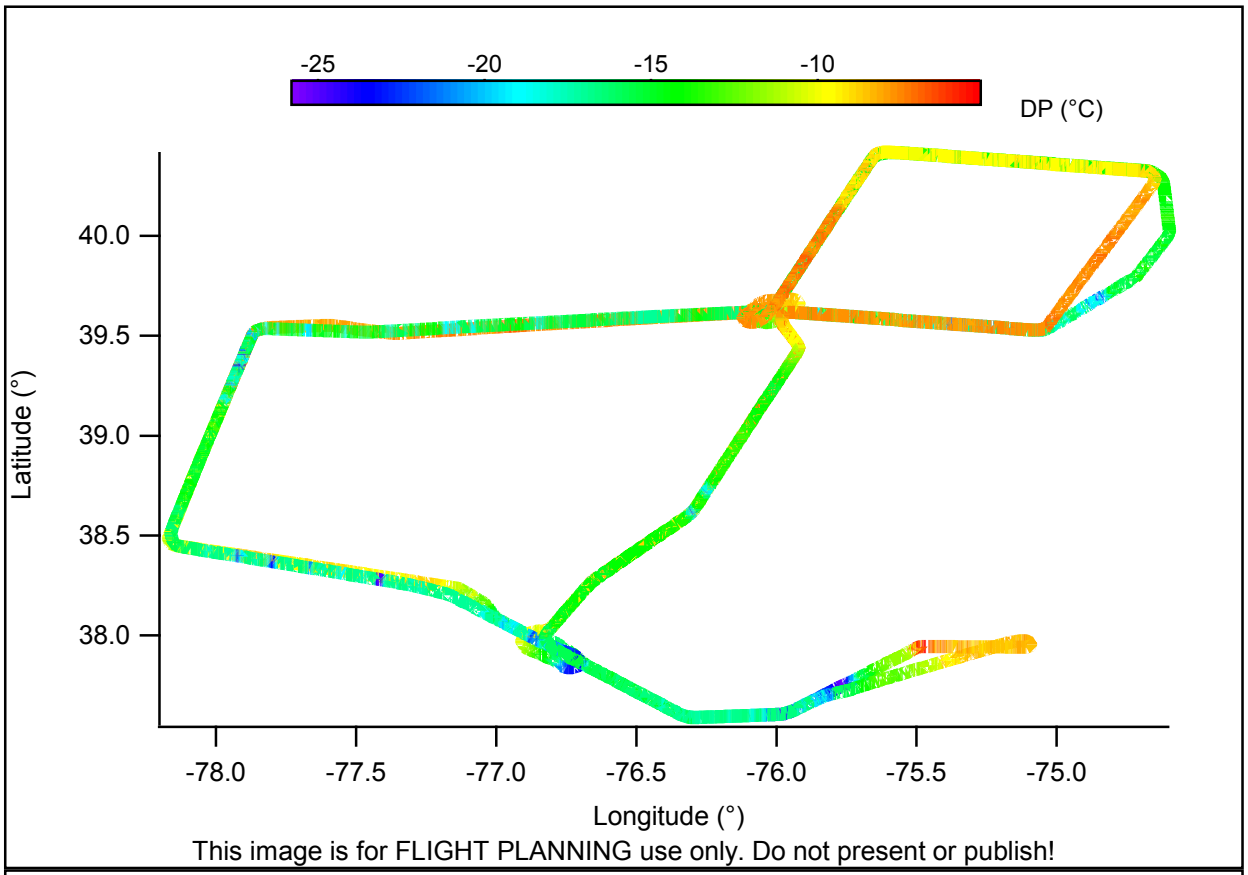
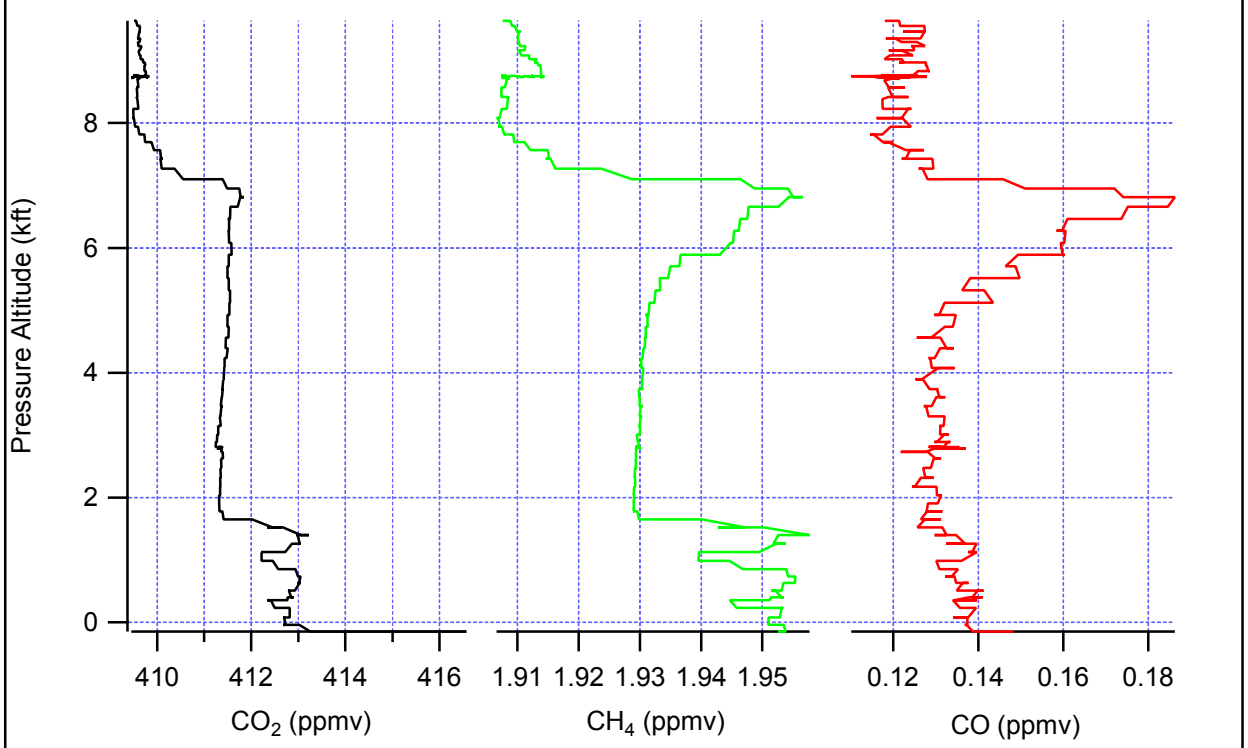


This image is for FLIGHT PLANNING use only. Do not present or publish!

C130: 15:58 - 16:07 UTC
37.791, -75.703



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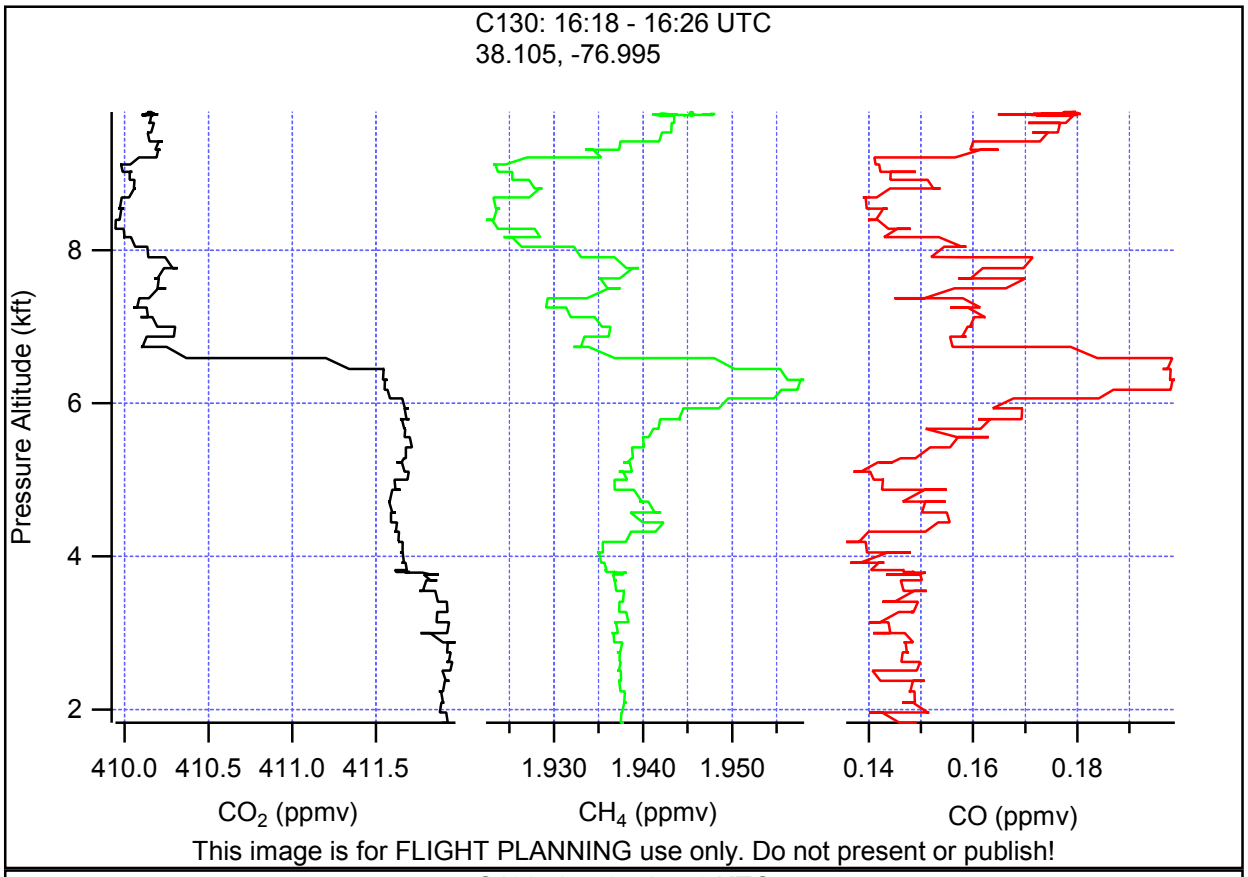
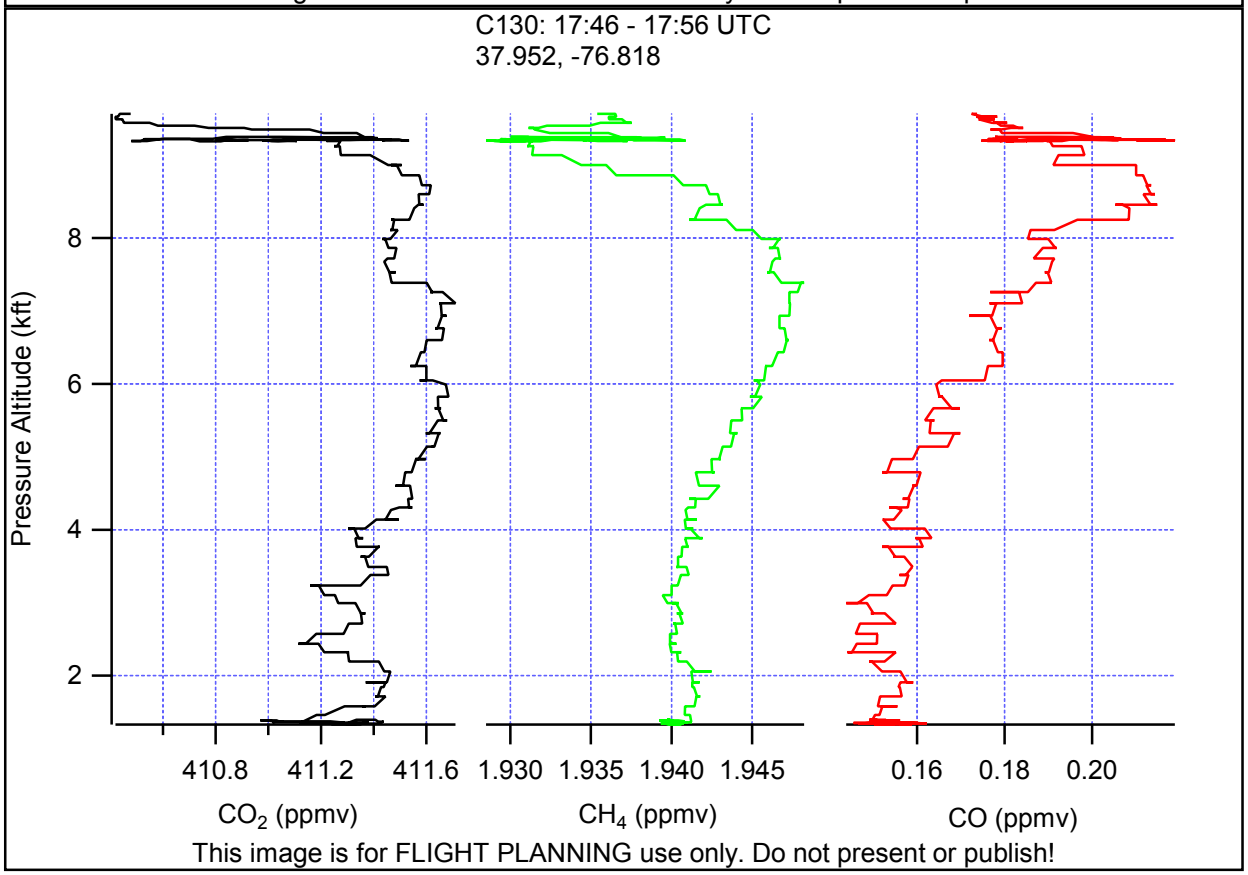
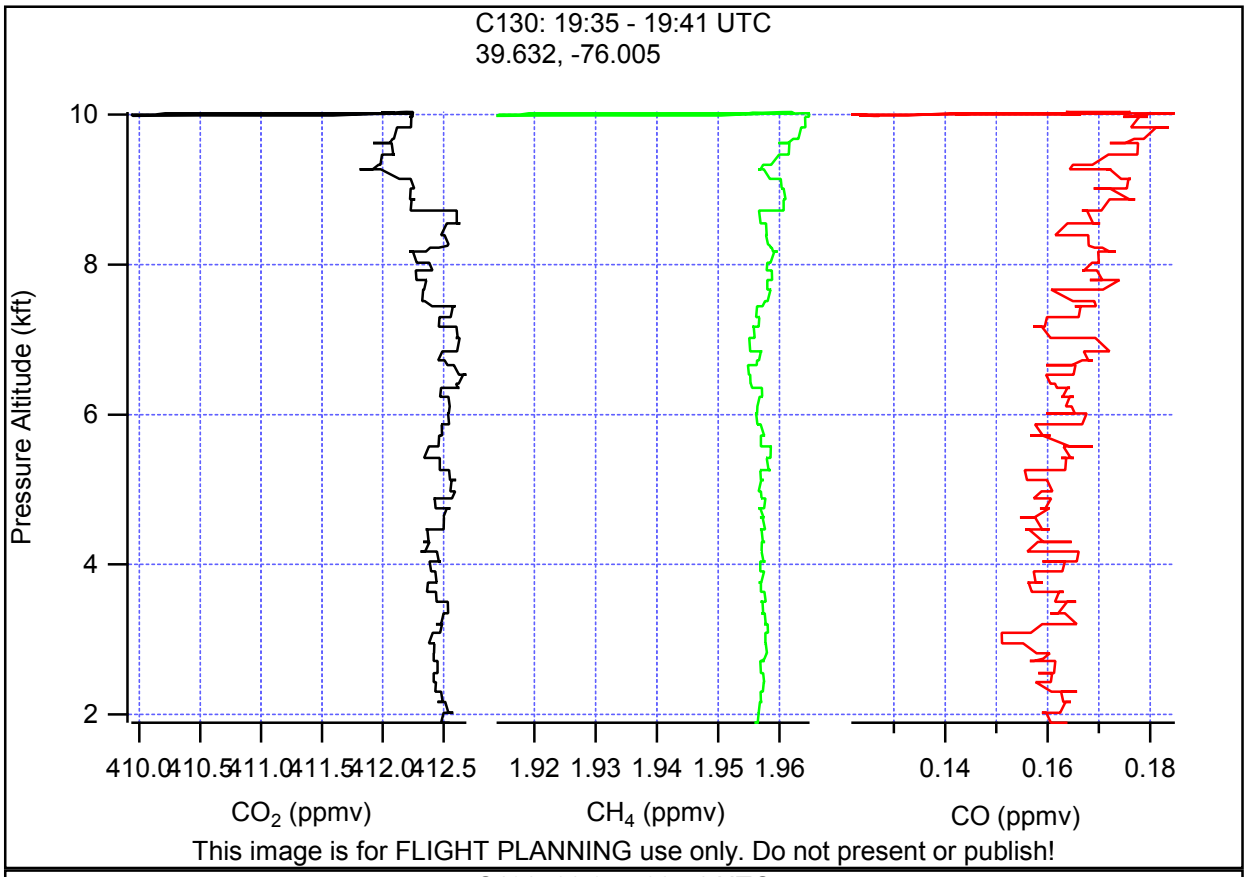
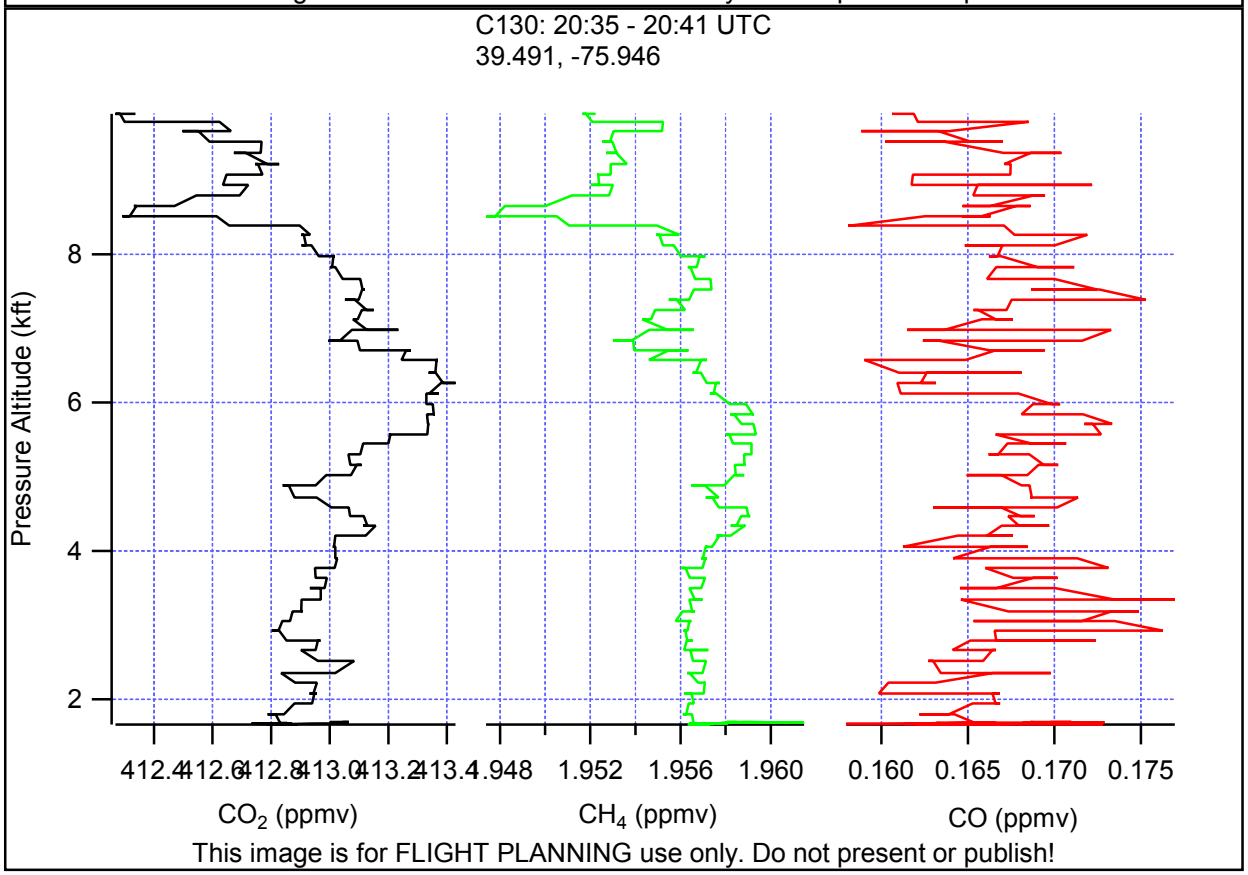

C130: 16:18 - 16:26 UTC
38.105, -76.995
Pressure Altitude (kft)
8
6
4
2
410.0 410.5 411.0 411.5
CO2 (ppmv)
1.930 1.940 1.950
CH4 (ppmv)
0.14 0.16 0.18
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:46 - 17:56 UTC
37.952, -76.818
Pressure Altitude (kft)
8
6
4
2
410.8 411.2 411.6
CO2 (ppmv)
1.930 1.935 1.940 1.945
CH4 (ppmv)
0.16 0.18 0.20
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:35 - 19:41 UTC
39.632, -76.005
Pressure Altitude (kft)
10
8
6
4
2
410.0 410.5 411.0 411.5 412.0 412.5
CO2 (ppmv)
1.92 1.93 1.94 1.95 1.96
CH4 (ppmv)
0.14 0.16 0.18
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:35 - 20:41 UTC
39.491, -75.946
Pressure Altitude (kft)
8
6
4
2
412.4 412.6 412.8 413.0 413.2 413.4
CO2 (ppmv)
1.948 1.952 1.956 1.960
CH4 (ppmv)
0.160 0.165 0.170 0.175
CO (ppmv)
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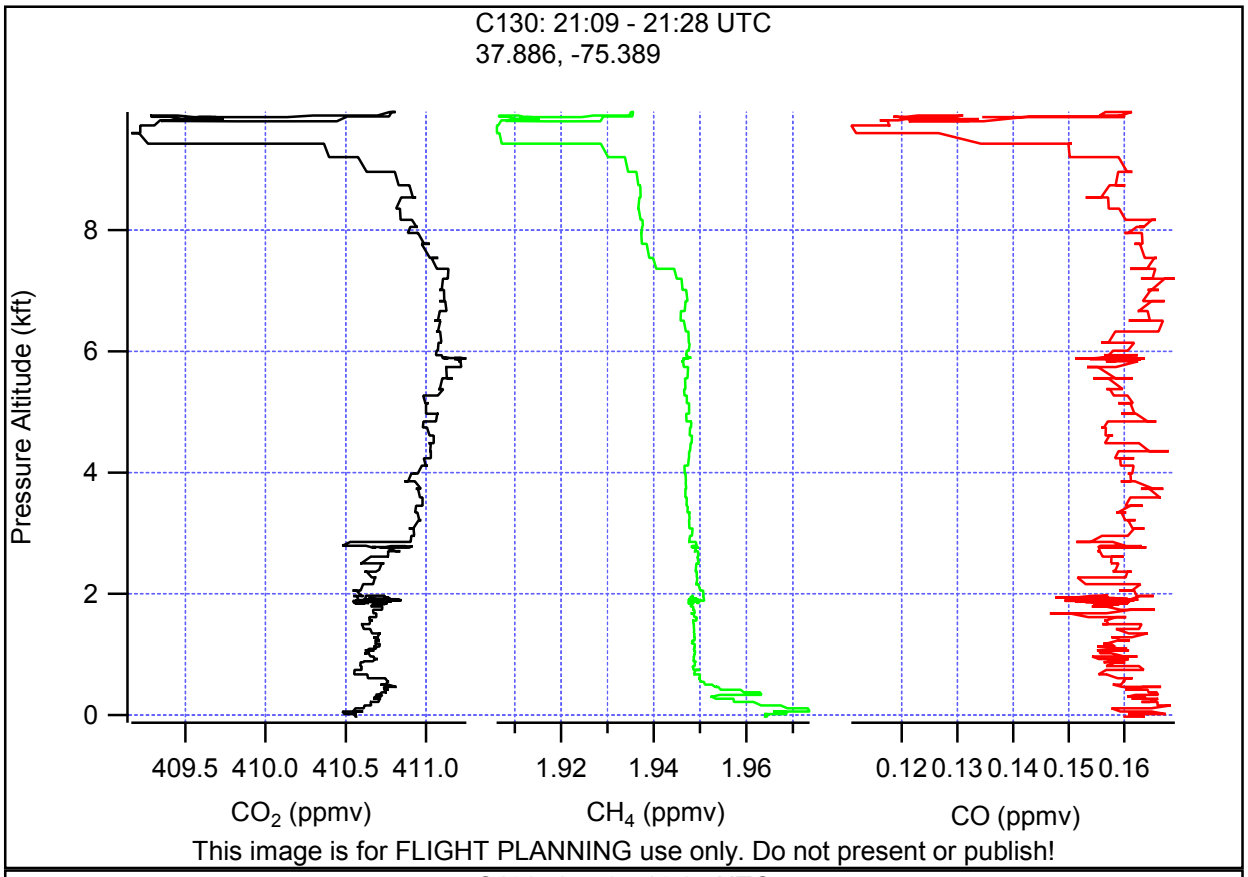
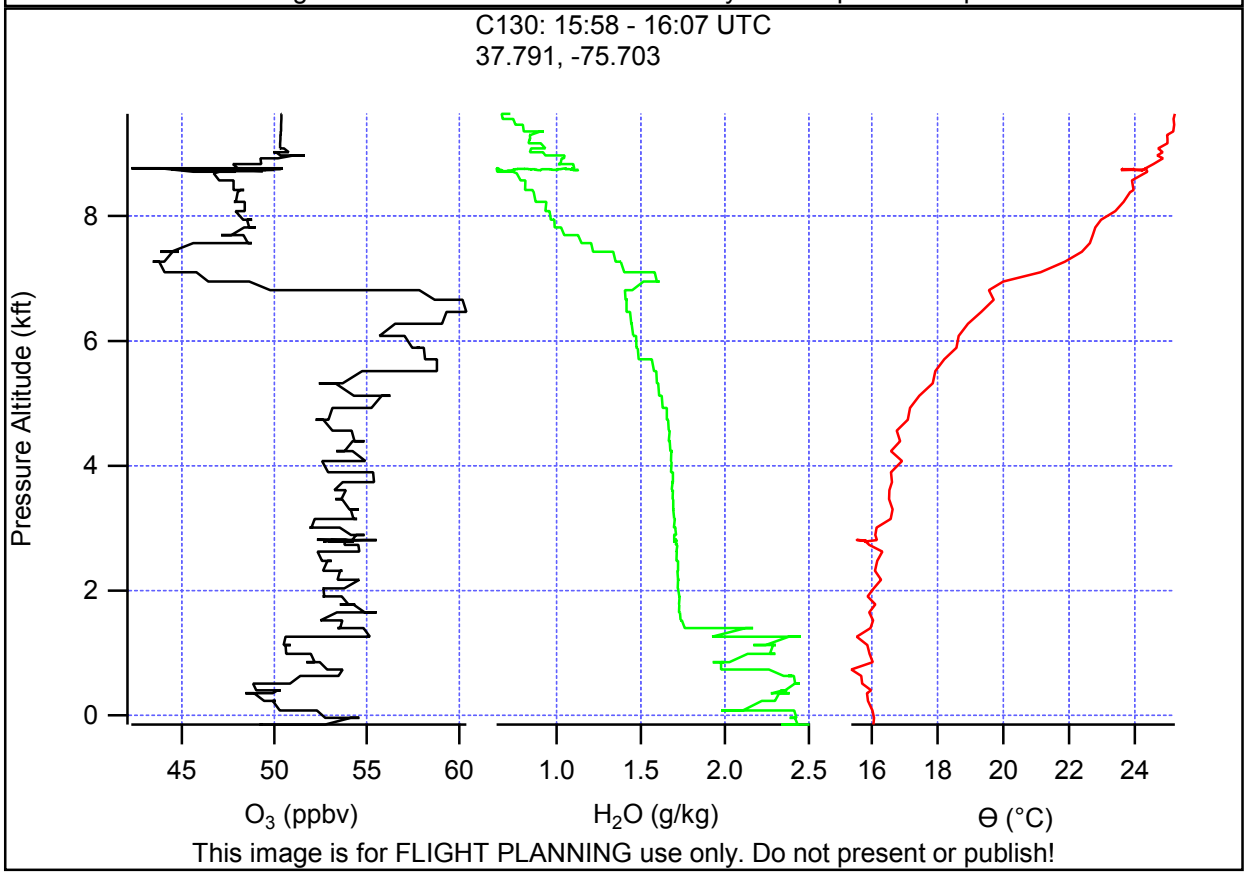
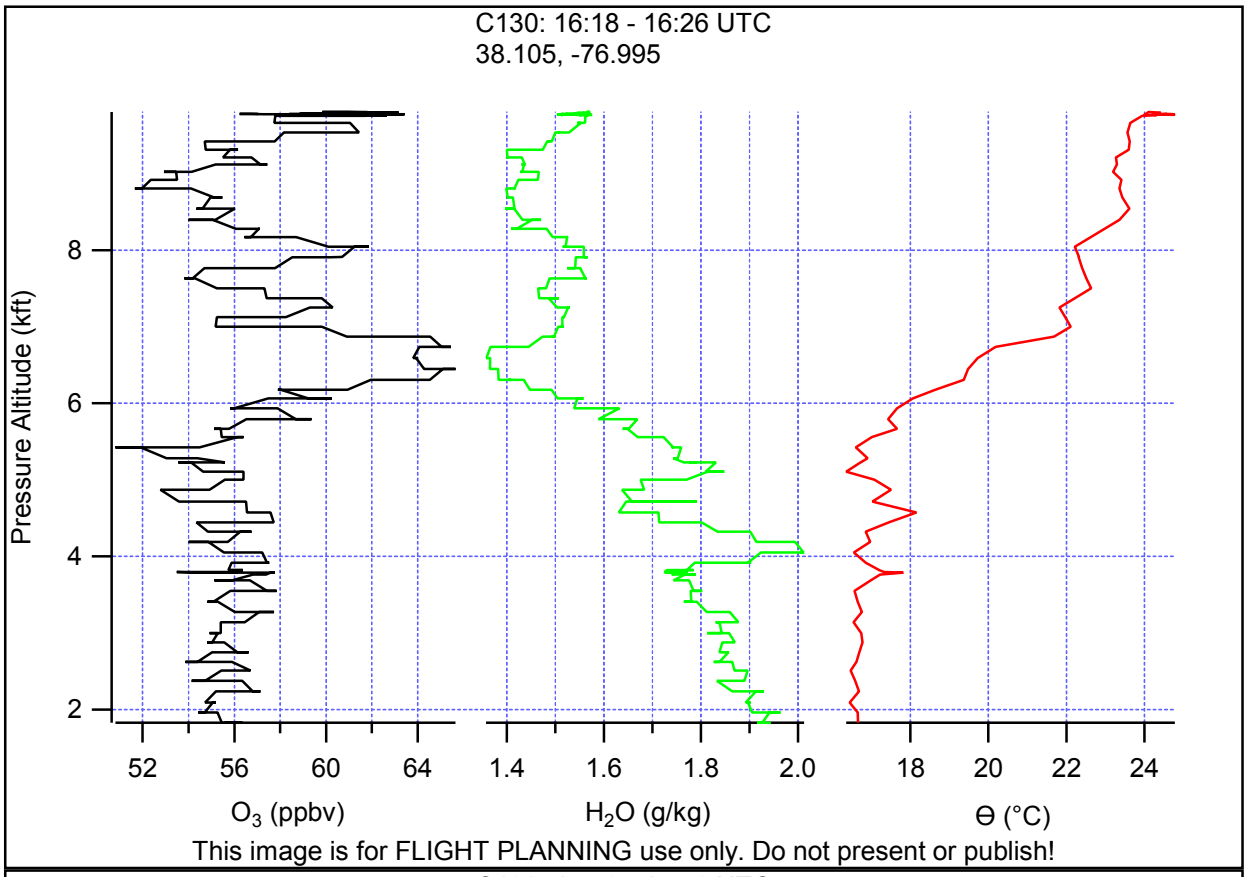
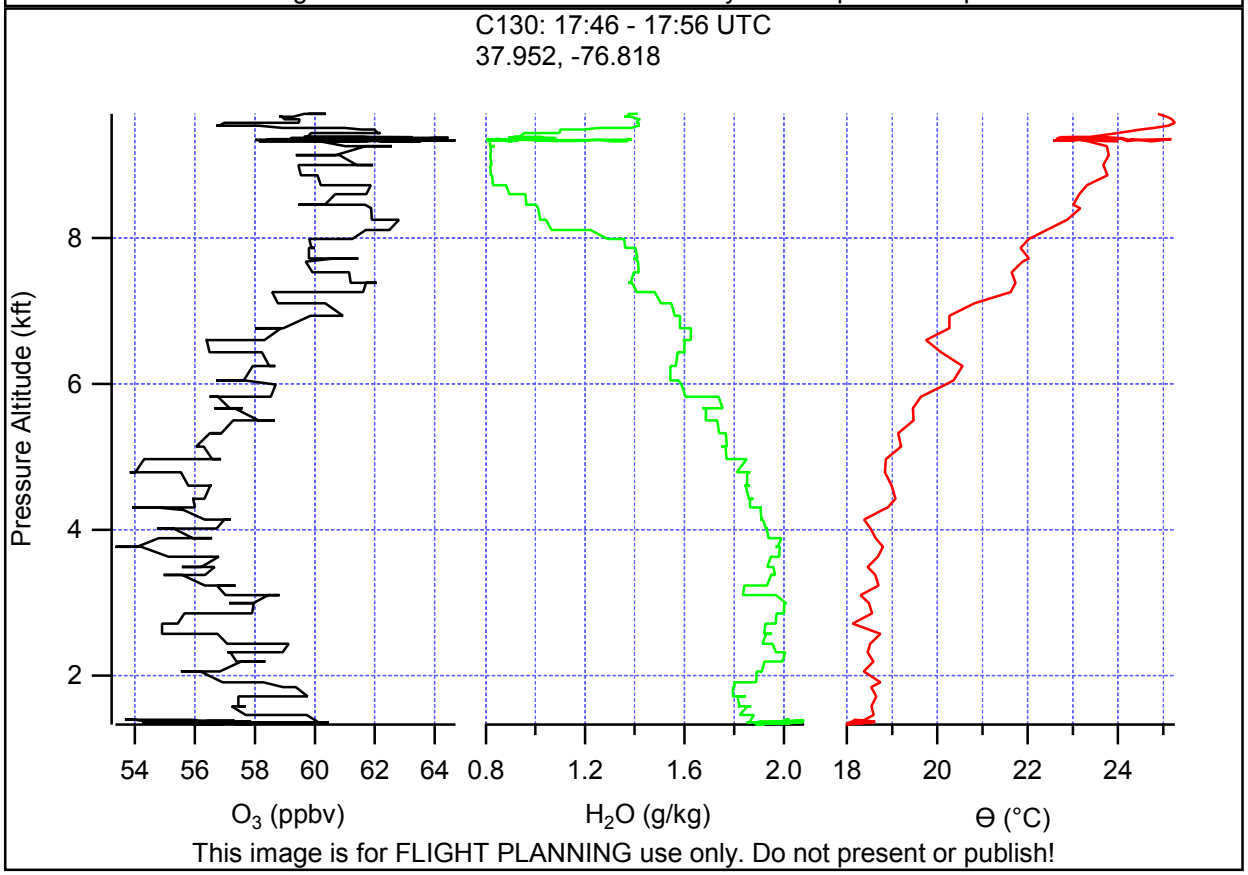
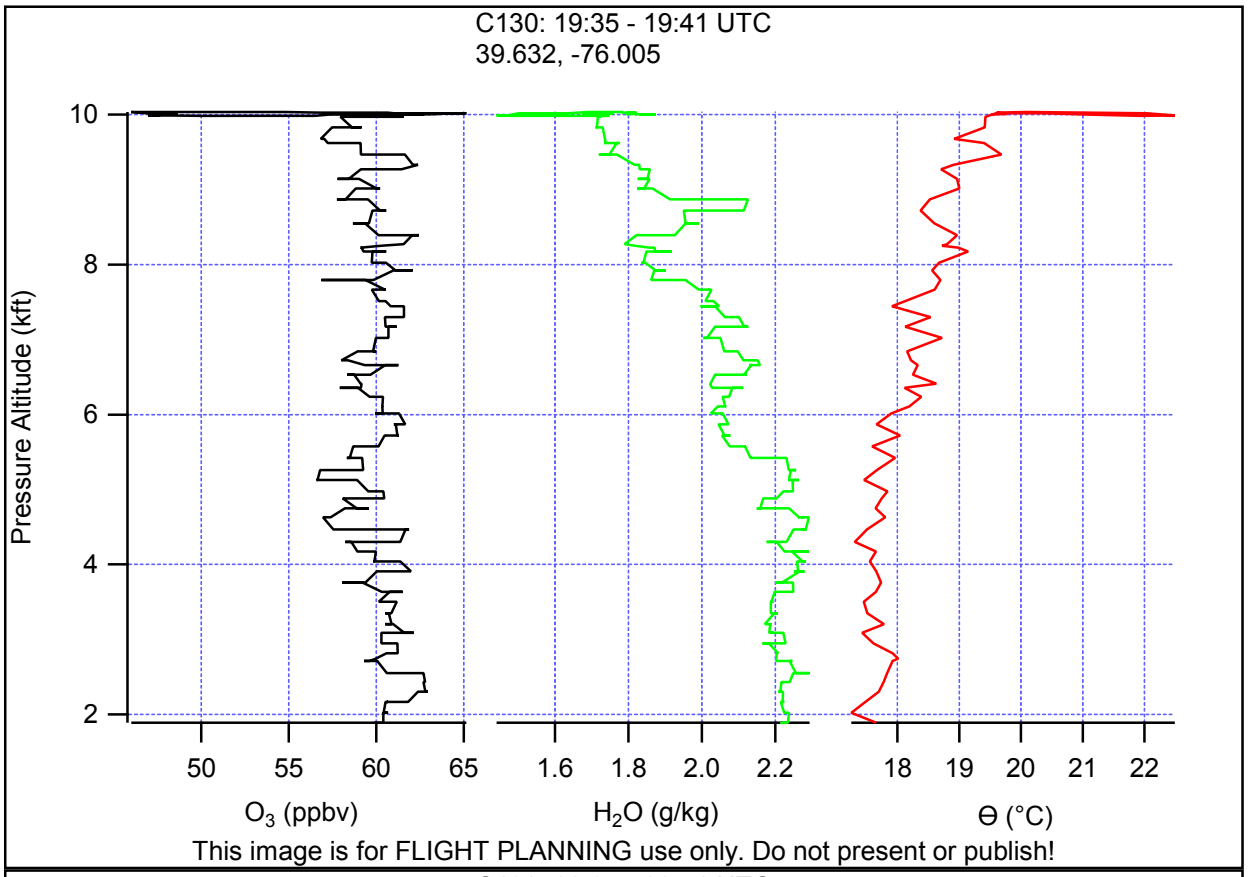
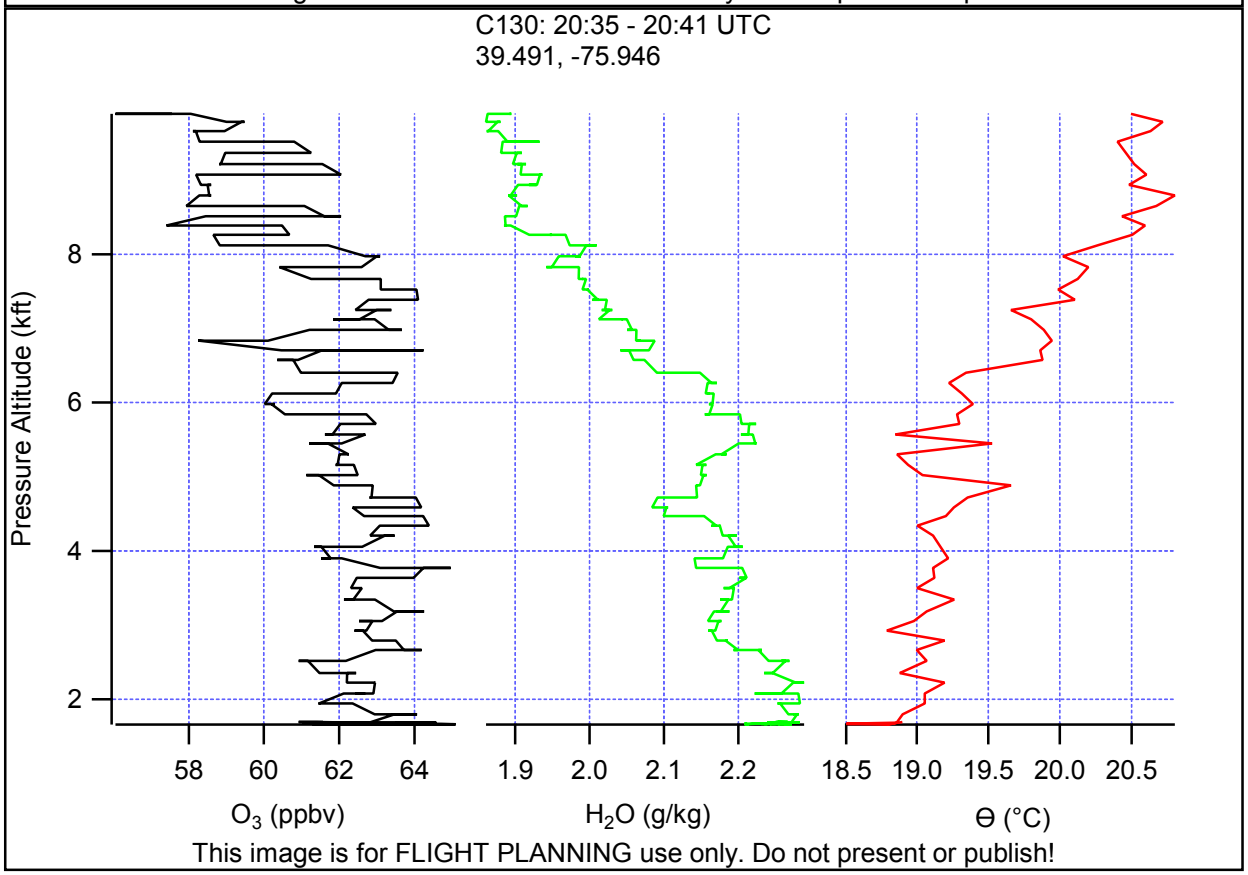

C130: 21:09 - 21:28 UTC
37.886, -75.389
Pressure Altitude (kft)
0
2
4
6
8
409.5 410.0 410.5 411.0
CO2 (ppmv)
1.92 1.94 1.96
CH4 (ppmv)
0.12 0.13 0.14 0.15 0.16
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

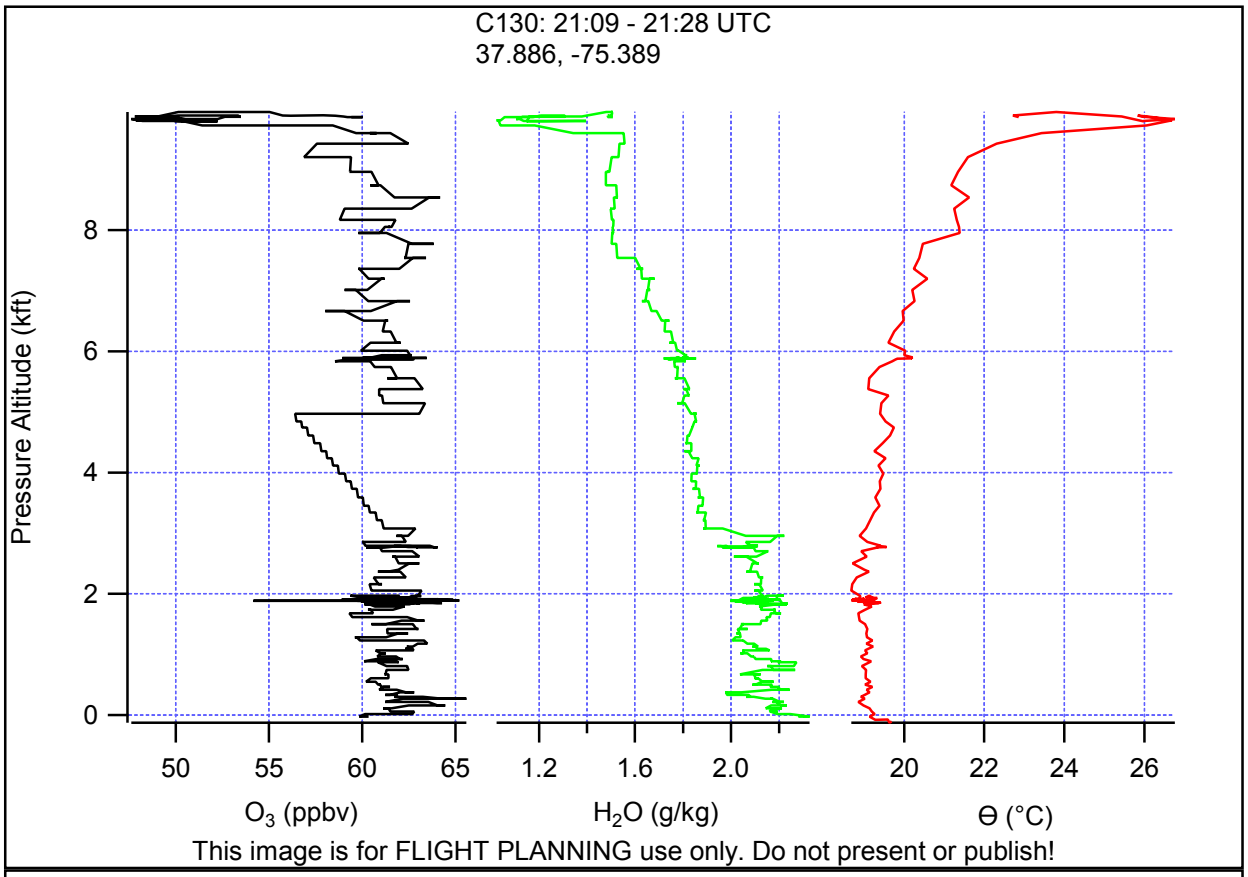

C130: 15:58 - 16:07 UTC
37.791, -75.703
Pressure Altitude (kft)
0
2
4
6
8
45 50 55 60
O3 (ppbv)
1.0 1.5 2.0 2.5
H2O (g/kg)
16 18 20 22 24
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

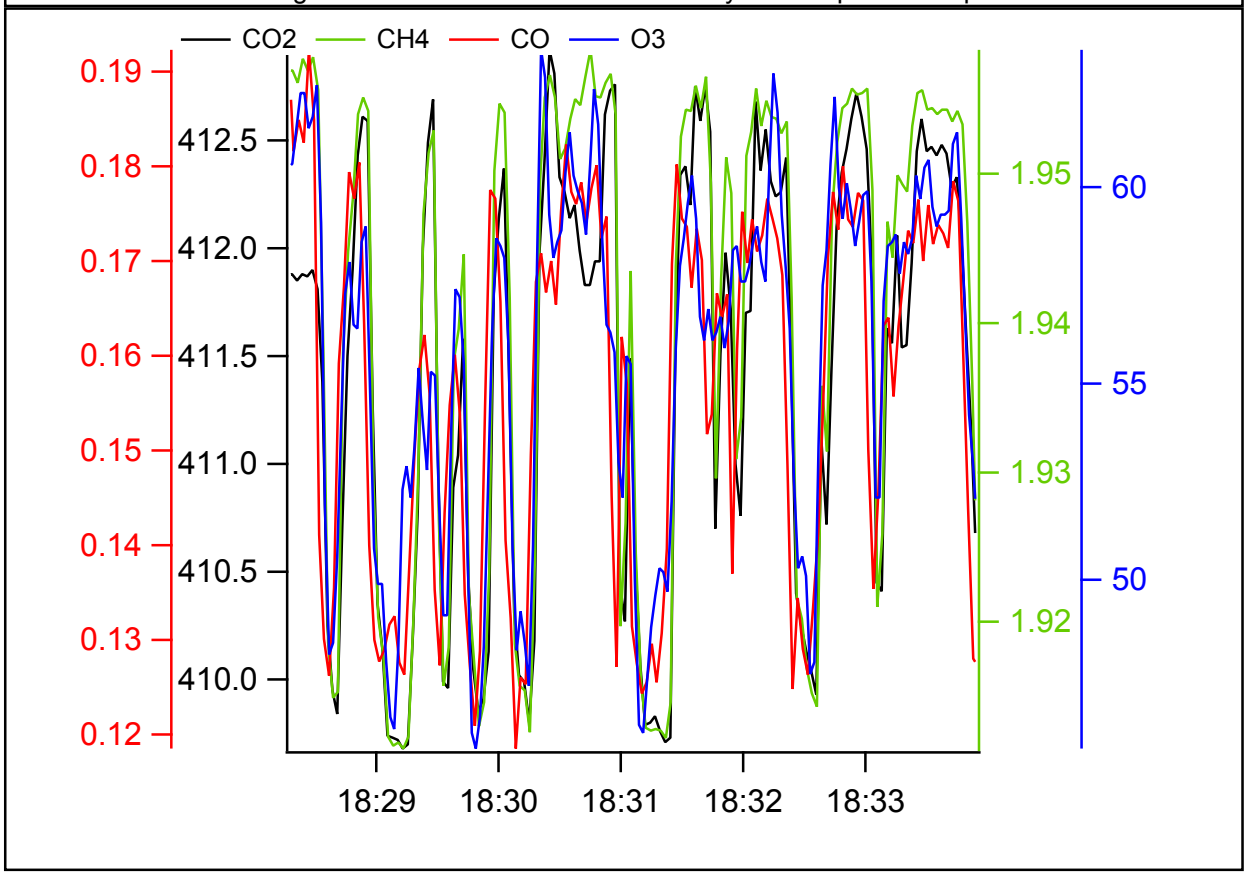

C130: 16:18 - 16:26 UTC
38.105, -76.995
Pressure Altitude (kft)
8
6
4
2
52
56
60
64
O3 (ppbv)
1.4
1.6
1.8
2.0
H2O (g/kg)
18
20
22
24
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:46 - 17:56 UTC
37.952, -76.818
Pressure Altitude (kft)
8
6
4
2
54
56
58
60
62
64
O3 (ppbv)
0.8
1.2
1.6
2.0
H2O (g/kg)
18
20
22
24
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 19:35 - 19:41 UTC
39.632, -76.005
Pressure Altitude (kft)
10
8
6
4
2
50
55
60
65
1.6
1.8
2.0
2.2
18
19
20
21
22
O3 (ppbv)
H2O (g/kg)
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 20:35 - 20:41 UTC
39.491, -75.946
Pressure Altitude (kft)
8
6
4
2
58
60
62
64
1.9
2.0
2.1
2.2
18.5
19.0
19.5
20.0
20.5
O3 (ppbv)
H2O (g/kg)
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 21:09 - 21:28 UTC
37.886, -75.389
Pressure Altitude (kft)
0
2
4
6
8
50
55
60
65
1.2
1.6
2.0
20
22
24
26
O3 (ppbv)
H2O (g/kg)
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


CO2
CH4
CO
O3
0.19
0.18
0.17
0.16
0.15
0.14
0.13
0.12
412.5
412.0
411.5
411.0
410.5
410.0
1.95
1.94
1.93
1.92
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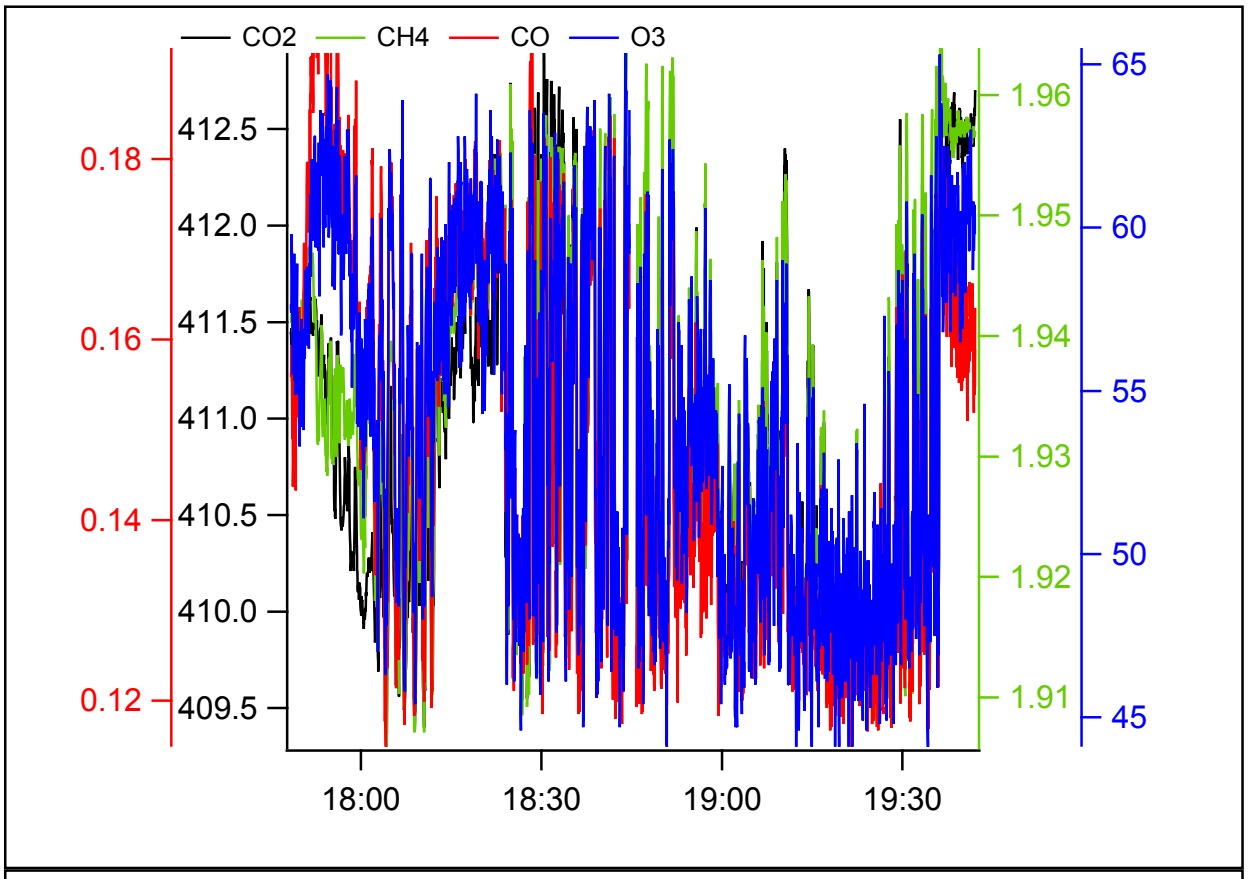
18:30
18:31
18:32
18:33


CO2
CH4
CO
O3
0.18
0.16
0.14
0.12
412.5
412.0
411.5
411.0
410.5
410.0
409.5
1.96
1.95
1.94
1.93
1.92
1.91
65
60
55
50
45
18:00
18:30
19:00
19:30