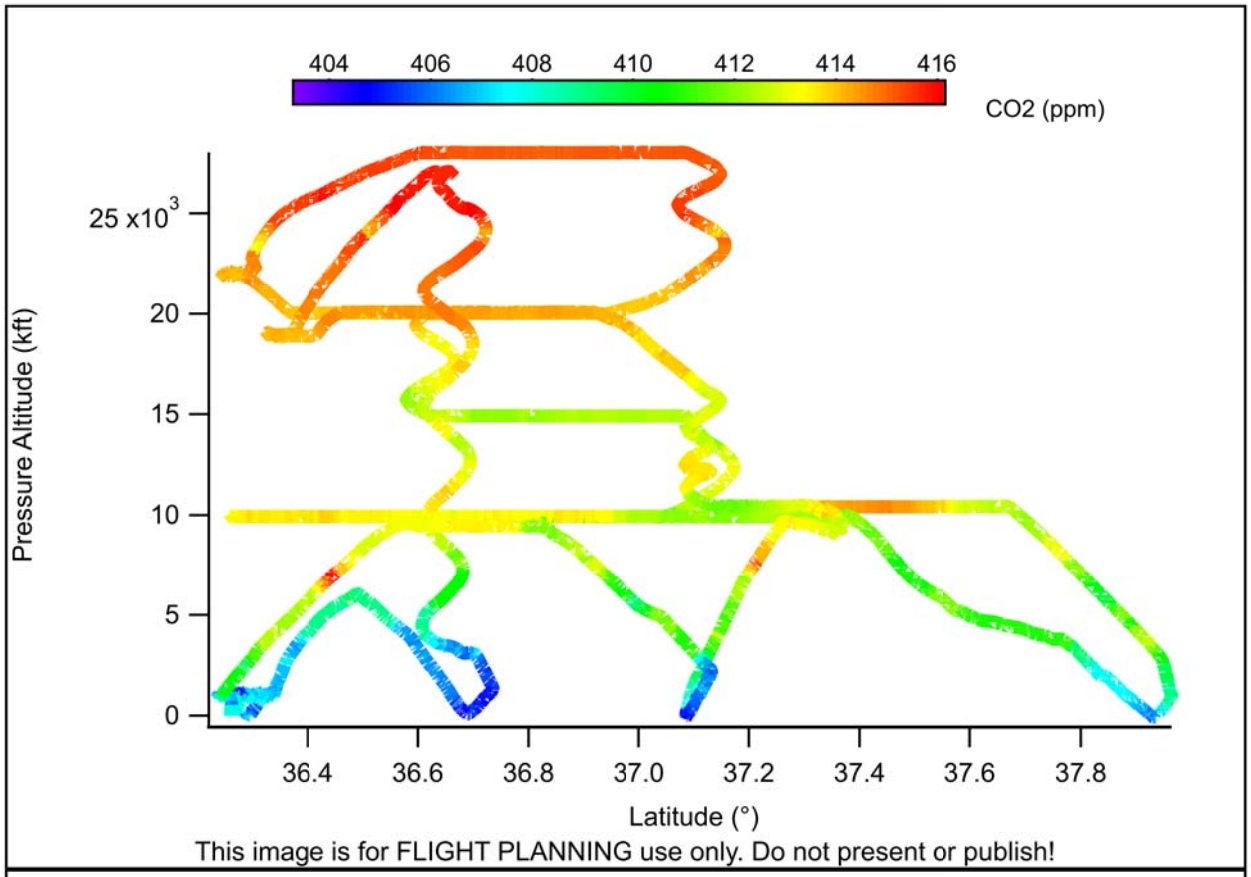
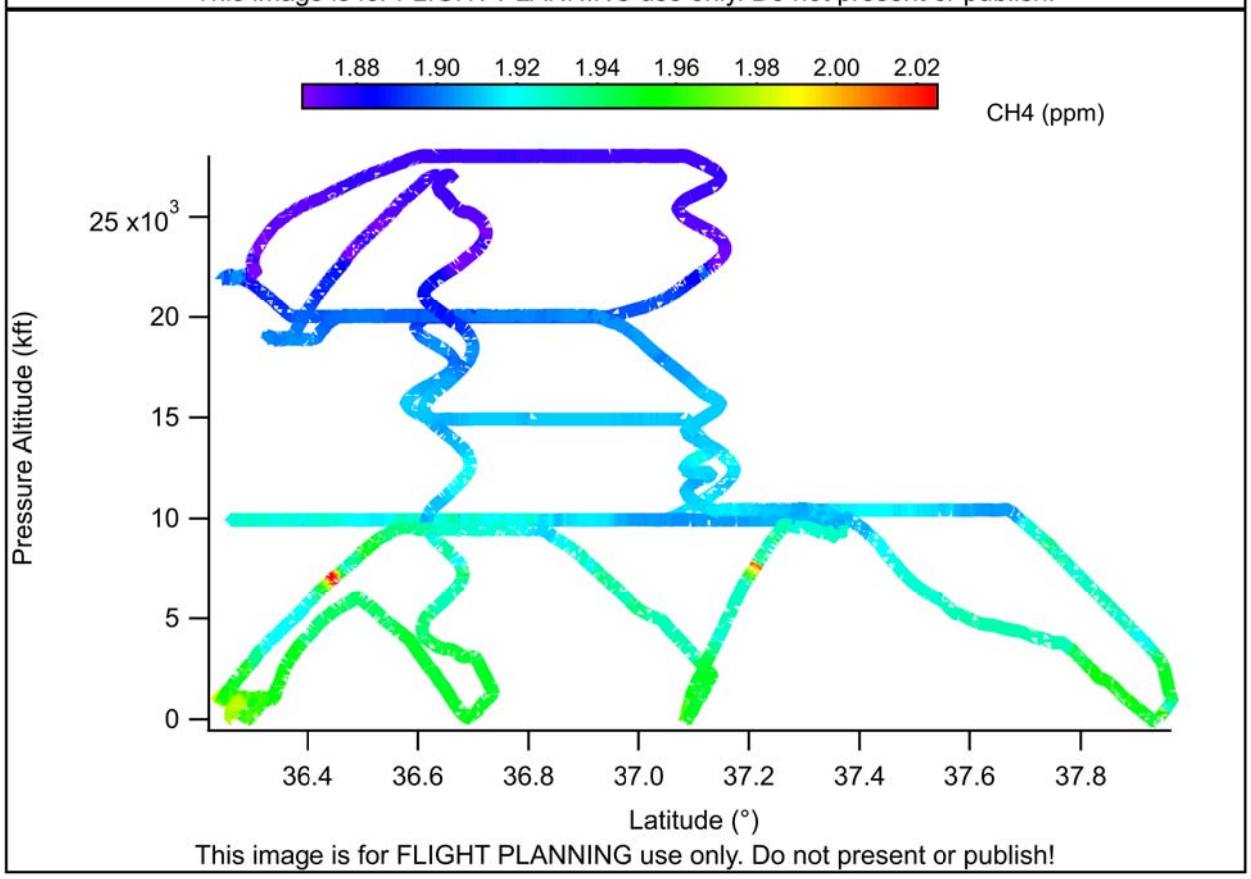
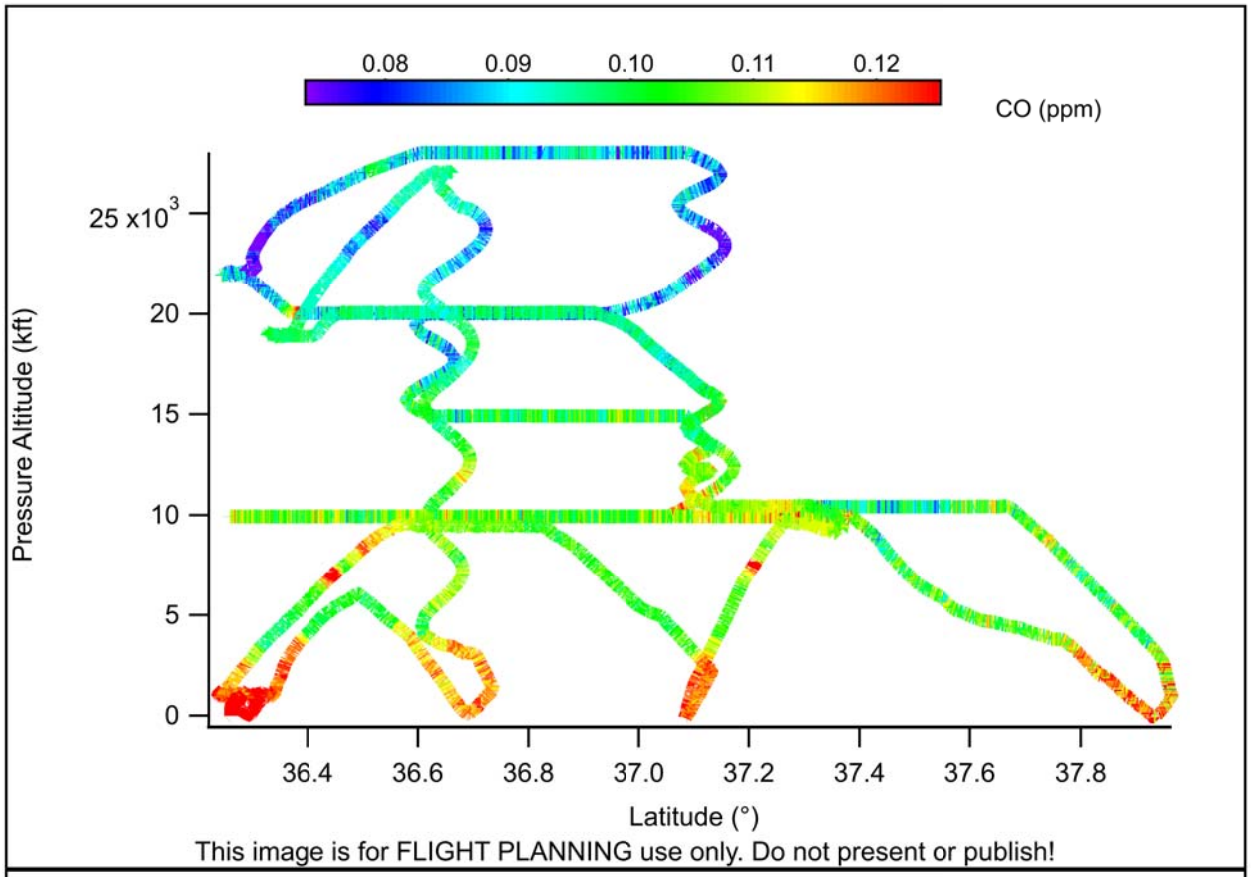
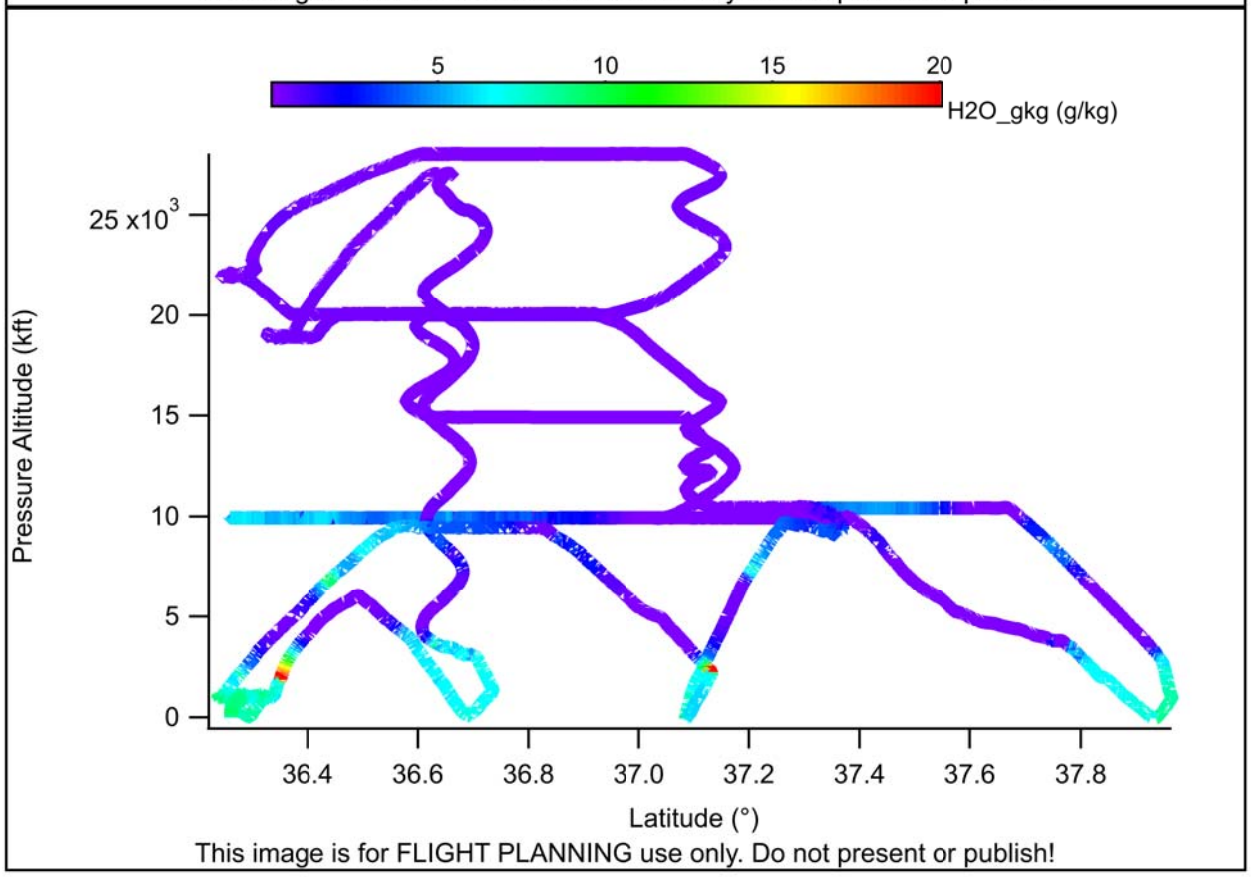
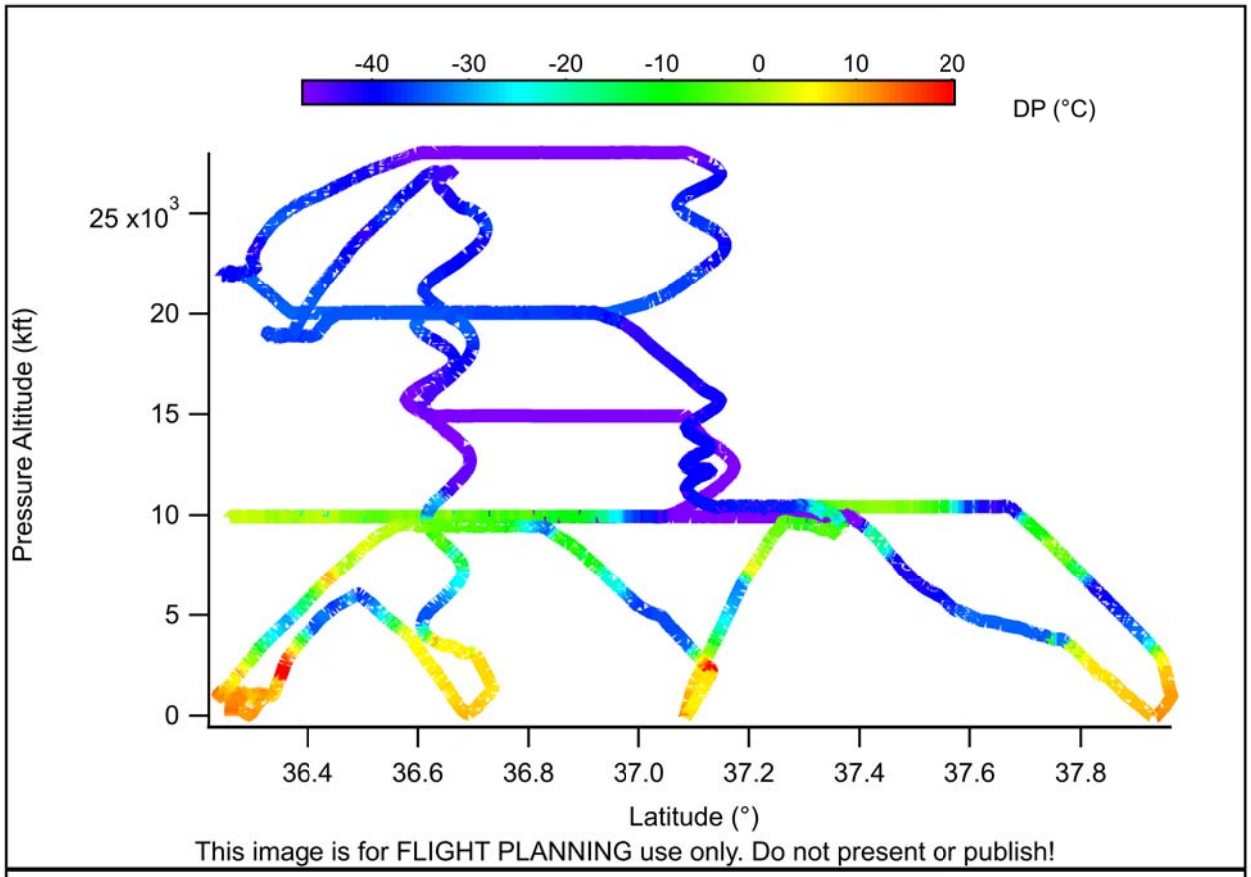
ACT-America 20190611

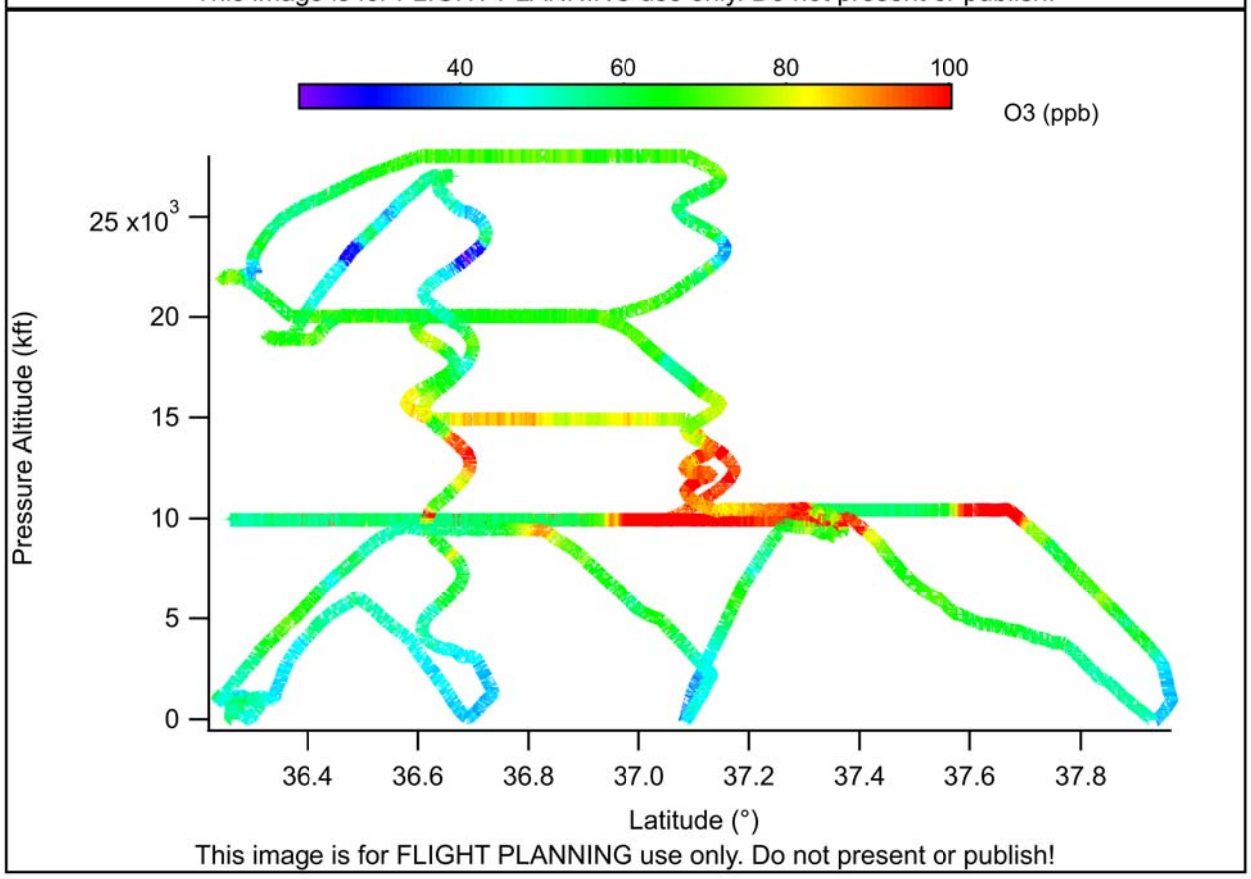

404 406 408 410 412 414 416
CO2 (ppm)
Pressure Altitude (kft)
25 x10^3
20
15
10
5
0
36.4 36.6 36.8 37.0 37.2 37.4 37.6 37.8
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

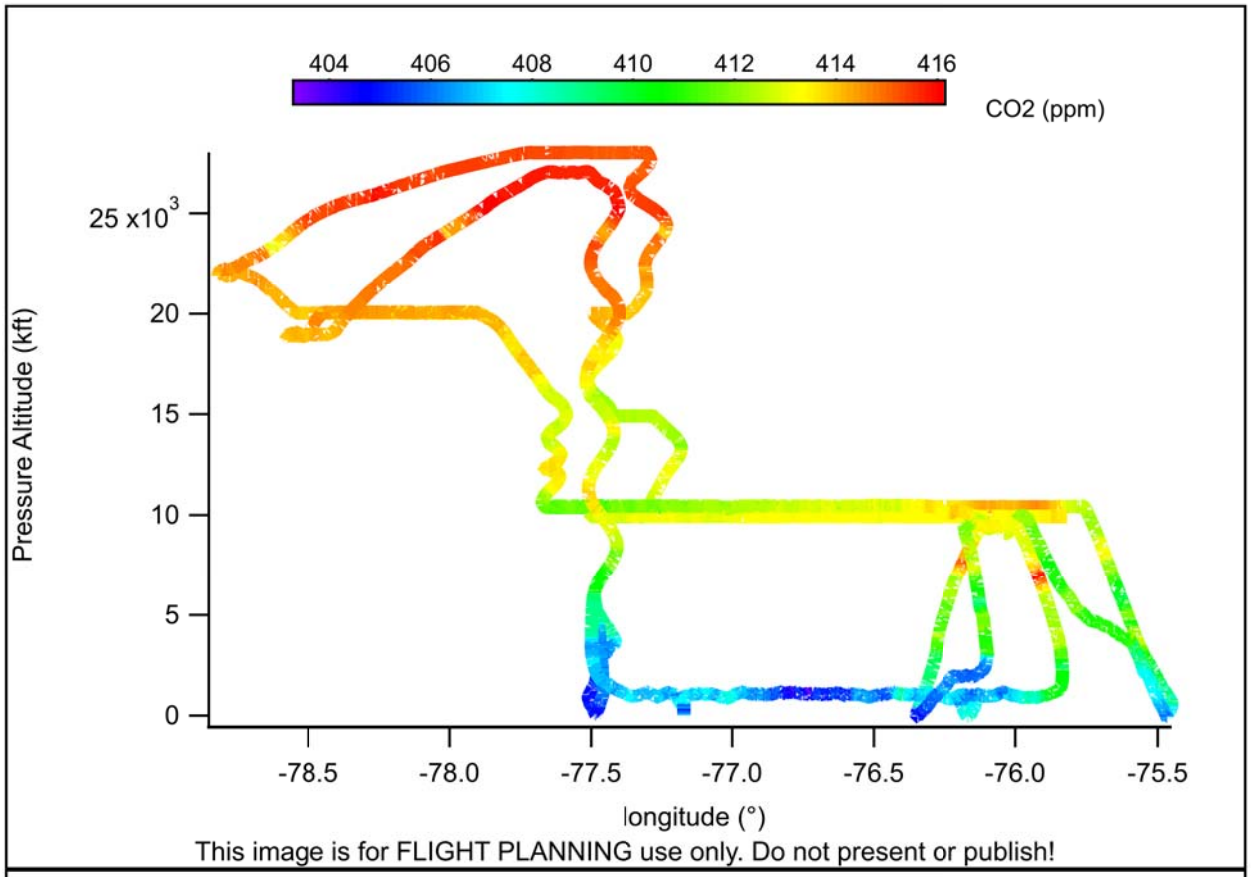

1.88 1.90 1.92 1.94 1.96 1.98 2.00 2.02
CH4 (ppm)
Pressure Altitude (kft)
25 x10^3
20
15
10
5
0
36.4 36.6 36.8 37.0 37.2 37.4 37.6 37.8
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

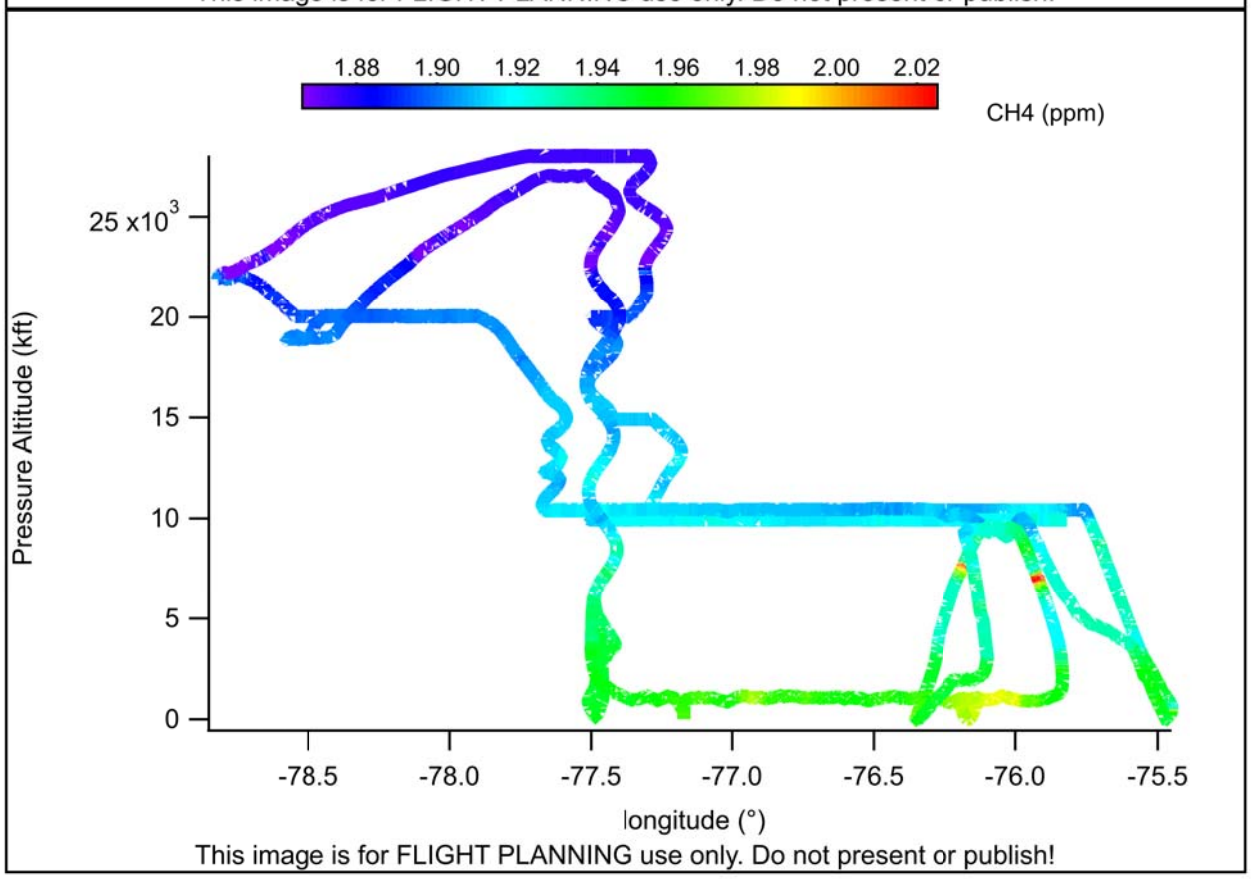

0.08
0.09
0.10
0.11
0.12
CO (ppm)
25 x10^3
20
15
10
5
0
Pressure Altitude (kft)
36.4
36.6
36.8
37.0
37.2
37.4
37.6
37.8
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

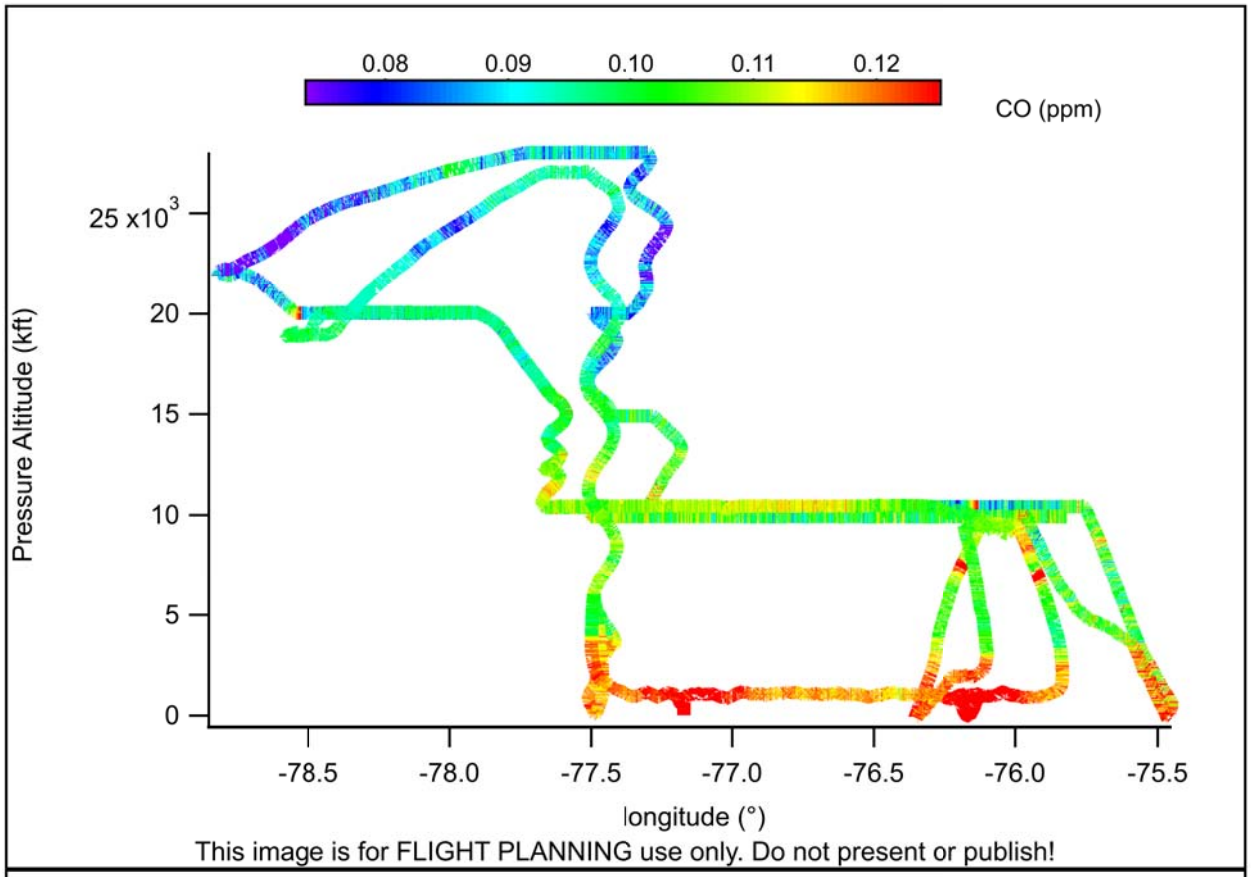

5
10
15
20
H2O_gkg (g/kg)
25 x10^3
20
15
10
5
0
Pressure Altitude (kft)
36.4
36.6
36.8
37.0
37.2
37.4
37.6
37.8
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

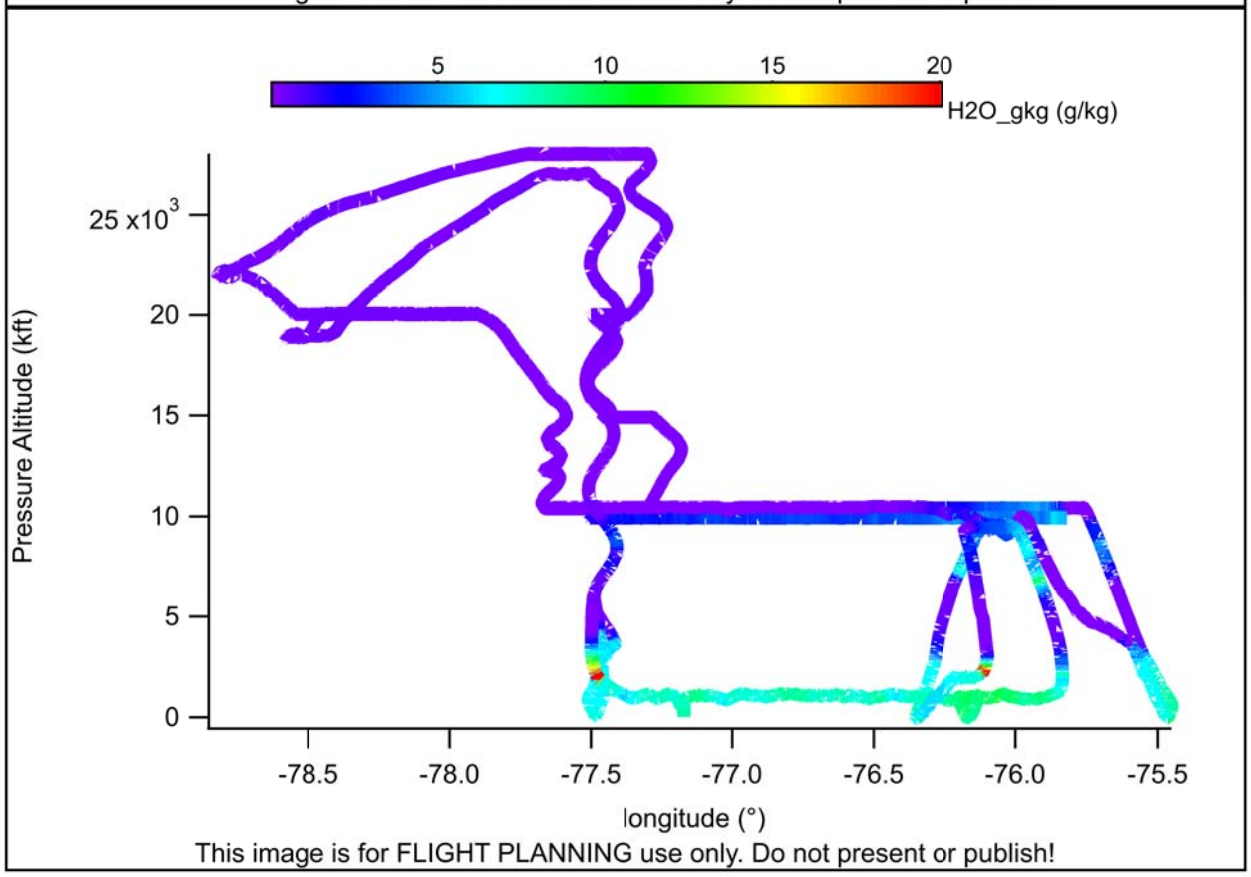

-40
-30
-20
-10
0
10
20
DP (°C)
25 x10^3
20
15
10
5
0
Pressure Altitude (kft)
36.4
36.6
36.8
37.0
37.2
37.4
37.6
37.8
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

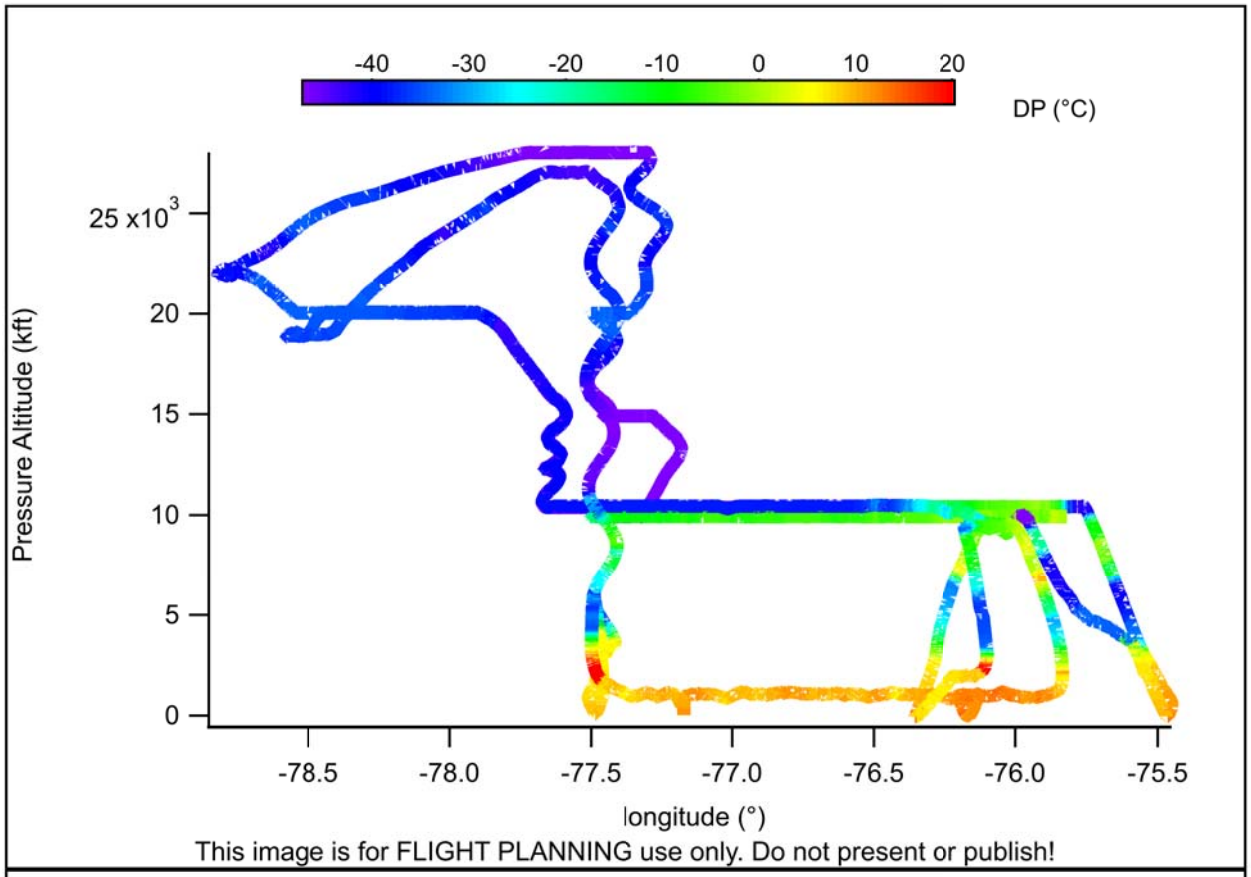

40
60
80
100
O3 (ppb)
25 x10^3
20
15
10
5
0
Pressure Altitude (kft)
36.4
36.6
36.8
37.0
37.2
37.4
37.6
37.8
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

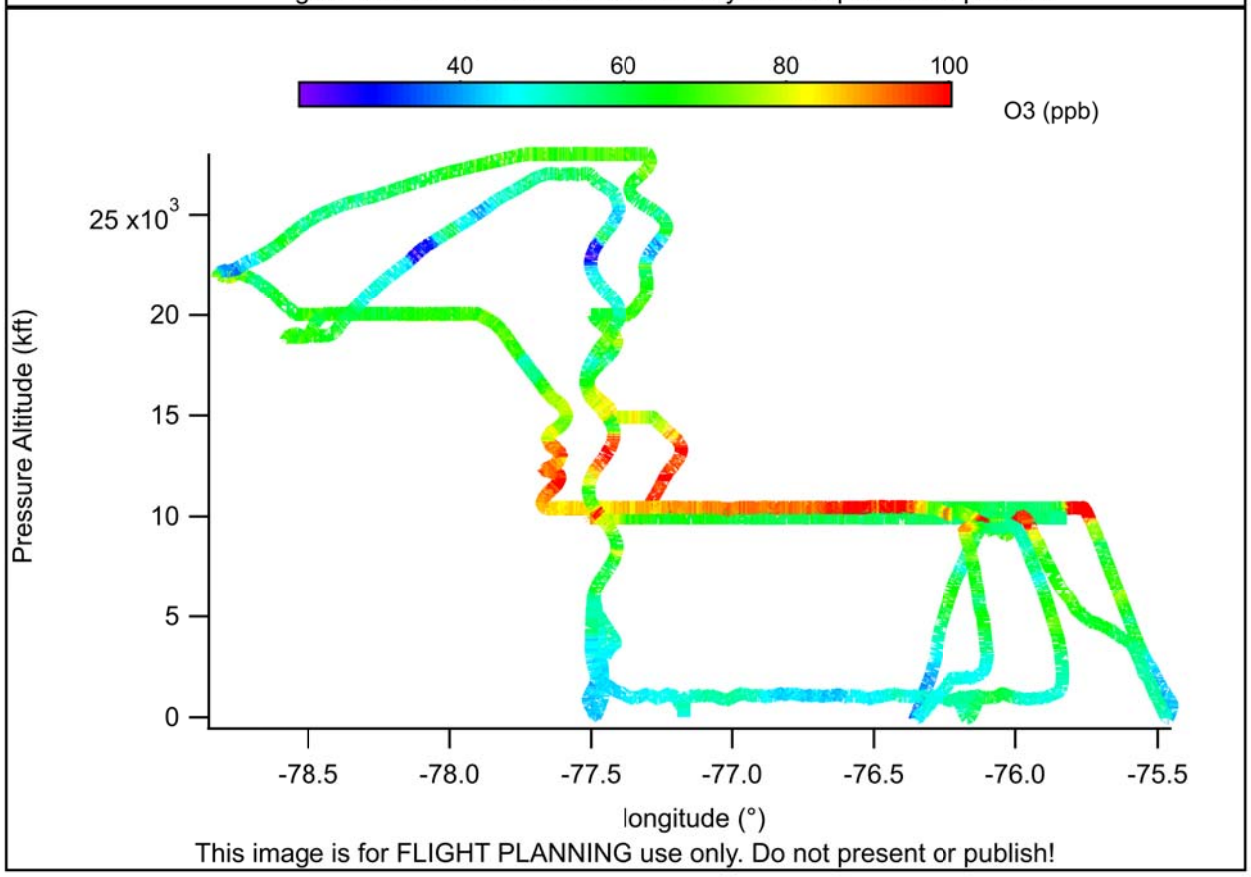

404
406
408
410
412
414
416
CO2 (ppm)
25 x10^3
20
15
10
5
0
Pressure Altitude (kft)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

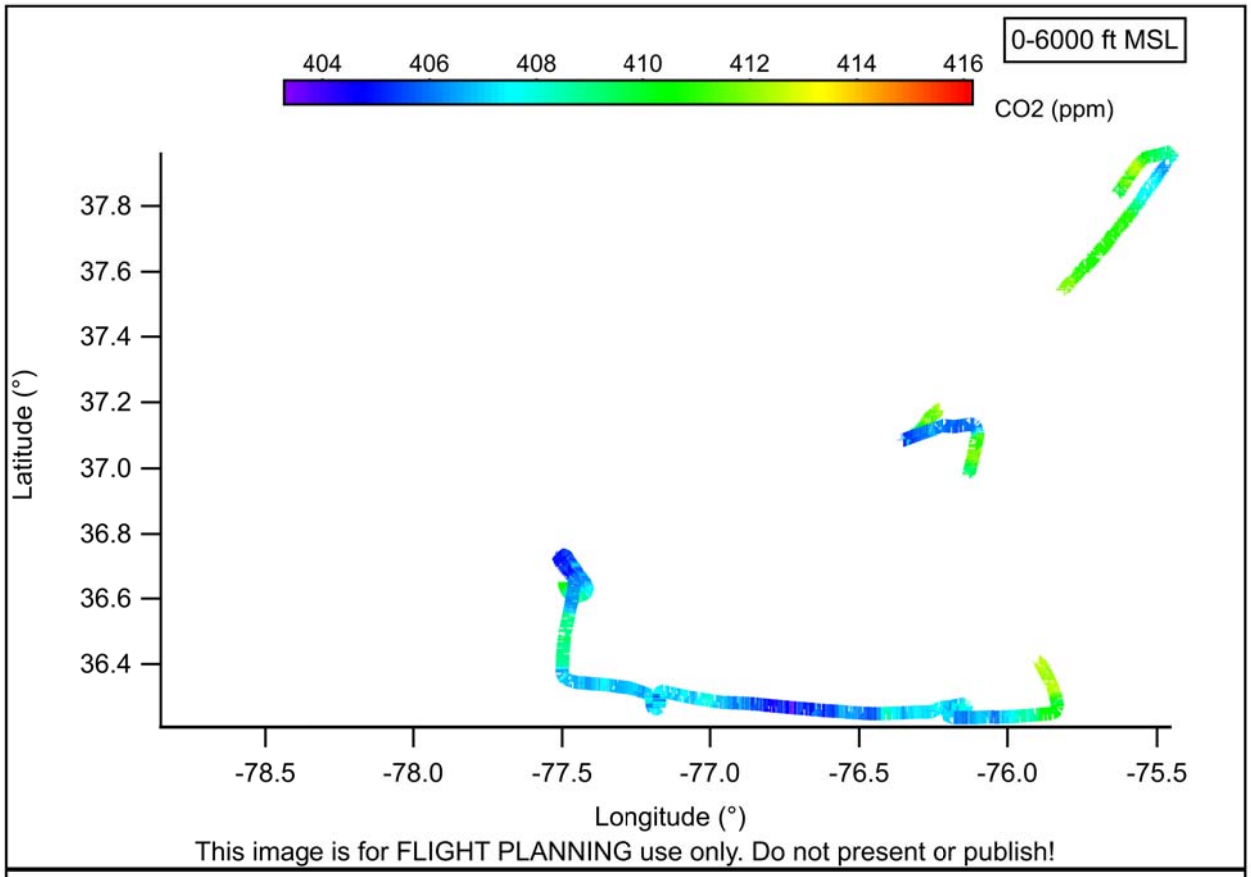

1.88
1.90
1.92
1.94
1.96
1.98
2.00
2.02
CH4 (ppm)
25 x10^3
20
15
10
5
0
Pressure Altitude (kft)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

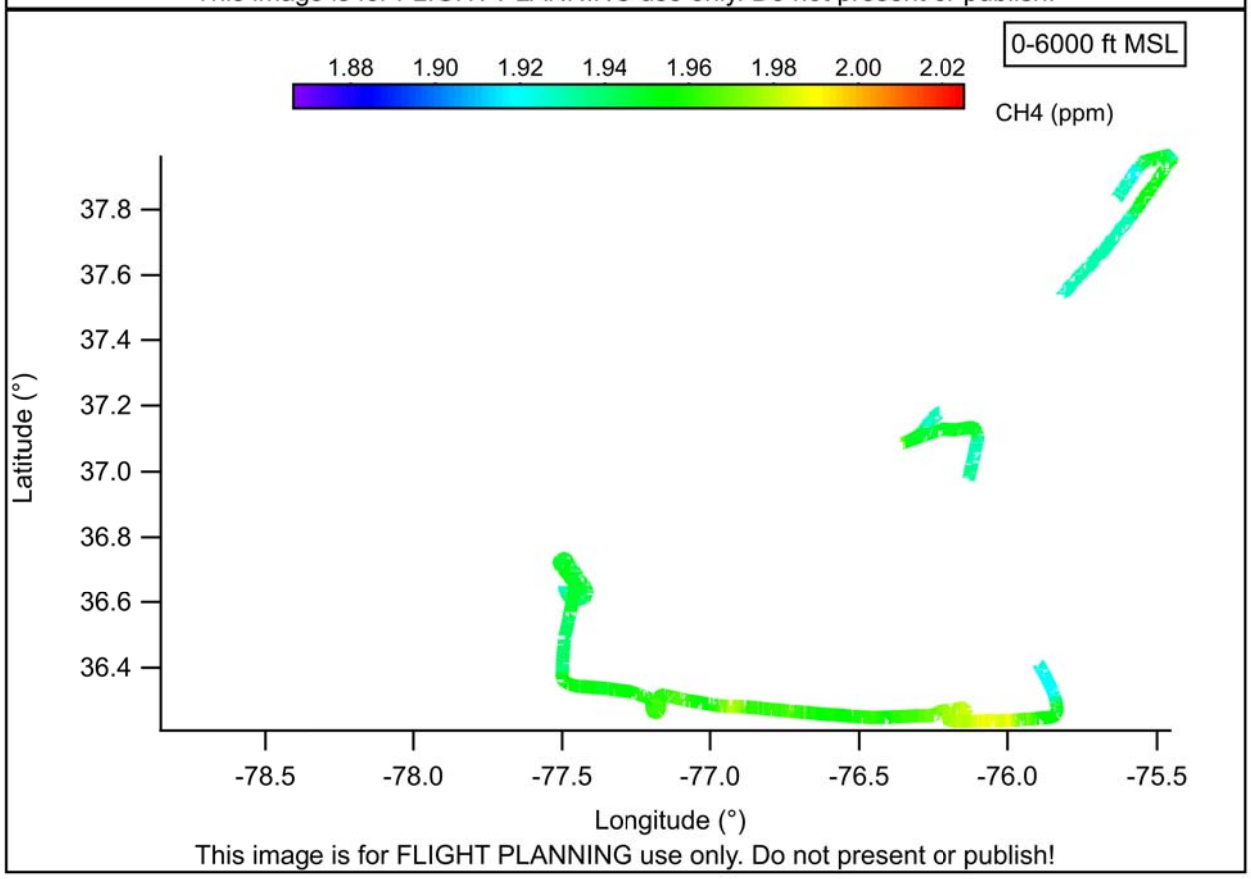

0.08
0.09
0.10
0.11
0.12
CO (ppm)
25 x10^3
20
15
10
5
0
Pressure Altitude (kft)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

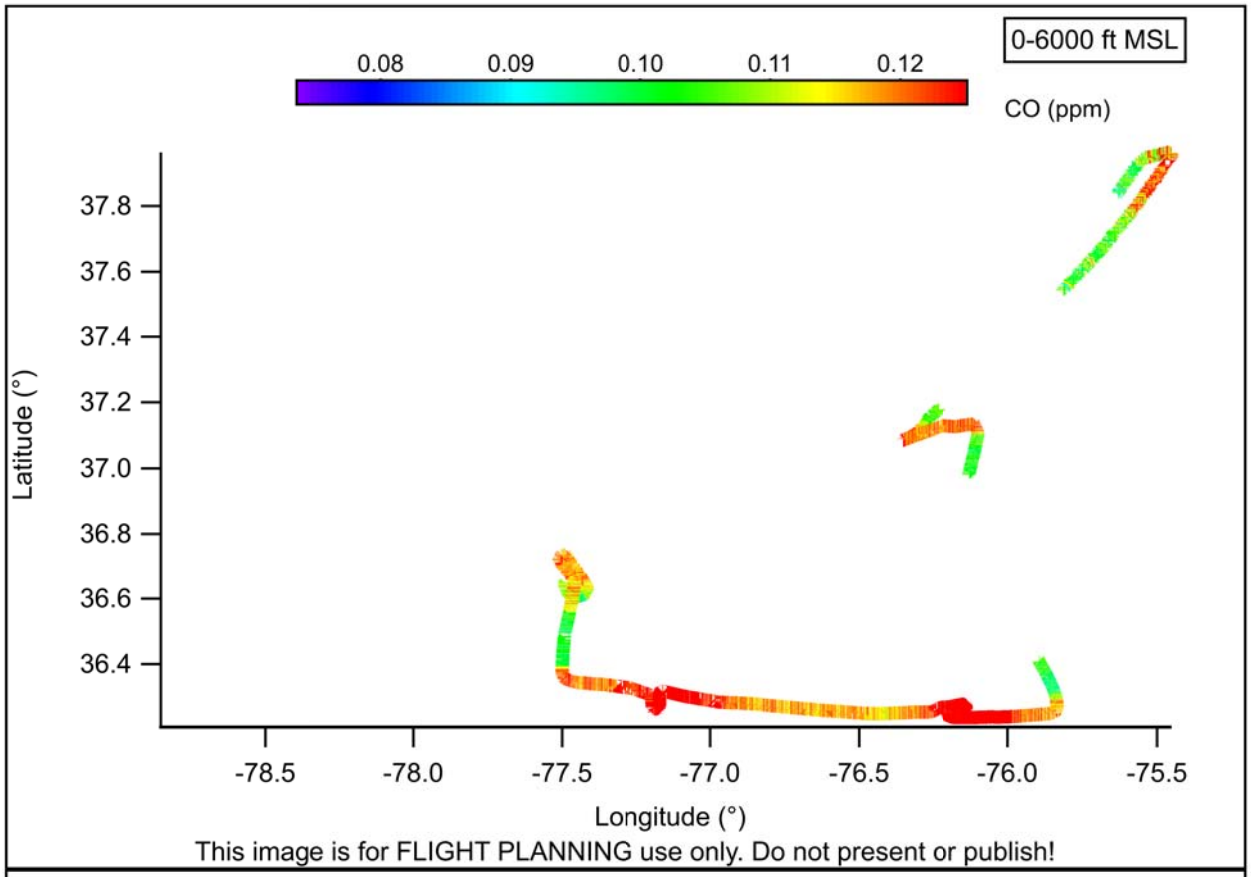

5
10
15
20
H2O_gkg (g/kg)
25 x10^3
20
15
10
5
0
Pressure Altitude (kft)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

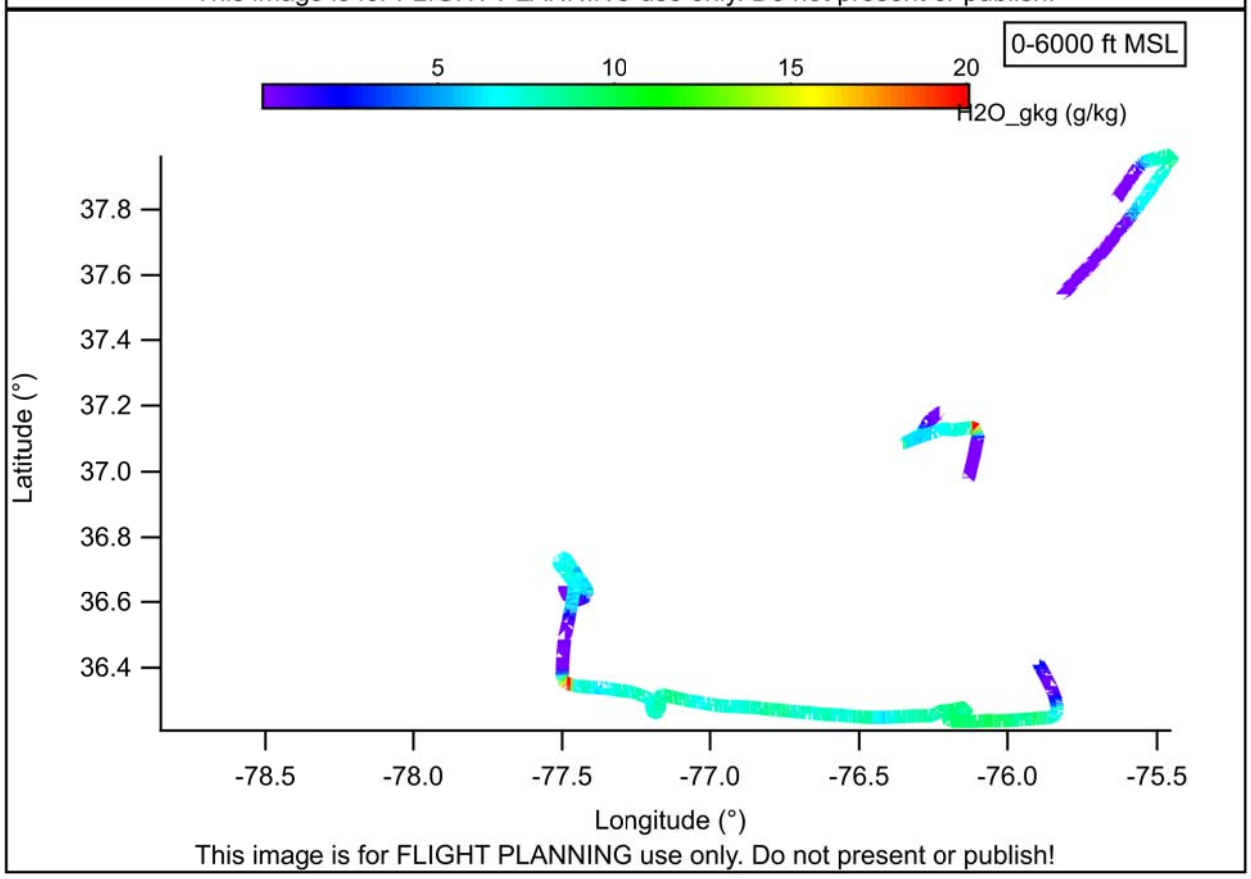

-40
-30
-20
-10
0
10
20
DP (°C)
25 x10^3
20
15
10
5
0
Pressure Altitude (kft)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


40
60
80
100
O3 (ppb)
25 x10^3
20
15
10
5
0
Pressure Altitude (kft)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
404 406 408 410 412 414 416
CO2 (ppm)
37.8
37.6
37.4
37.2
37.0
36.8
36.6
36.4
Latitude (°)
-78.5 -78.0 -77.5 -77.0 -76.5 -76.0 -75.5
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
1.88 1.90 1.92 1.94 1.96 1.98 2.00 2.02
CH4 (ppm)
37.8
37.6
37.4
37.2
37.0
36.8
36.6
36.4
Latitude (°)
-78.5 -78.0 -77.5 -77.0 -76.5 -76.0 -75.5
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
0.08
0.09
0.10
0.11
0.12
CO (ppm)
37.8
37.6
37.4
37.2
37.0
36.8
36.6
36.4
Latitude (°)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
5
10
15
20
H2O_gkg (g/kg)
37.8
37.6
37.4
37.2
37.0
36.8
36.6
36.4
Latitude (°)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
Longitude (°)
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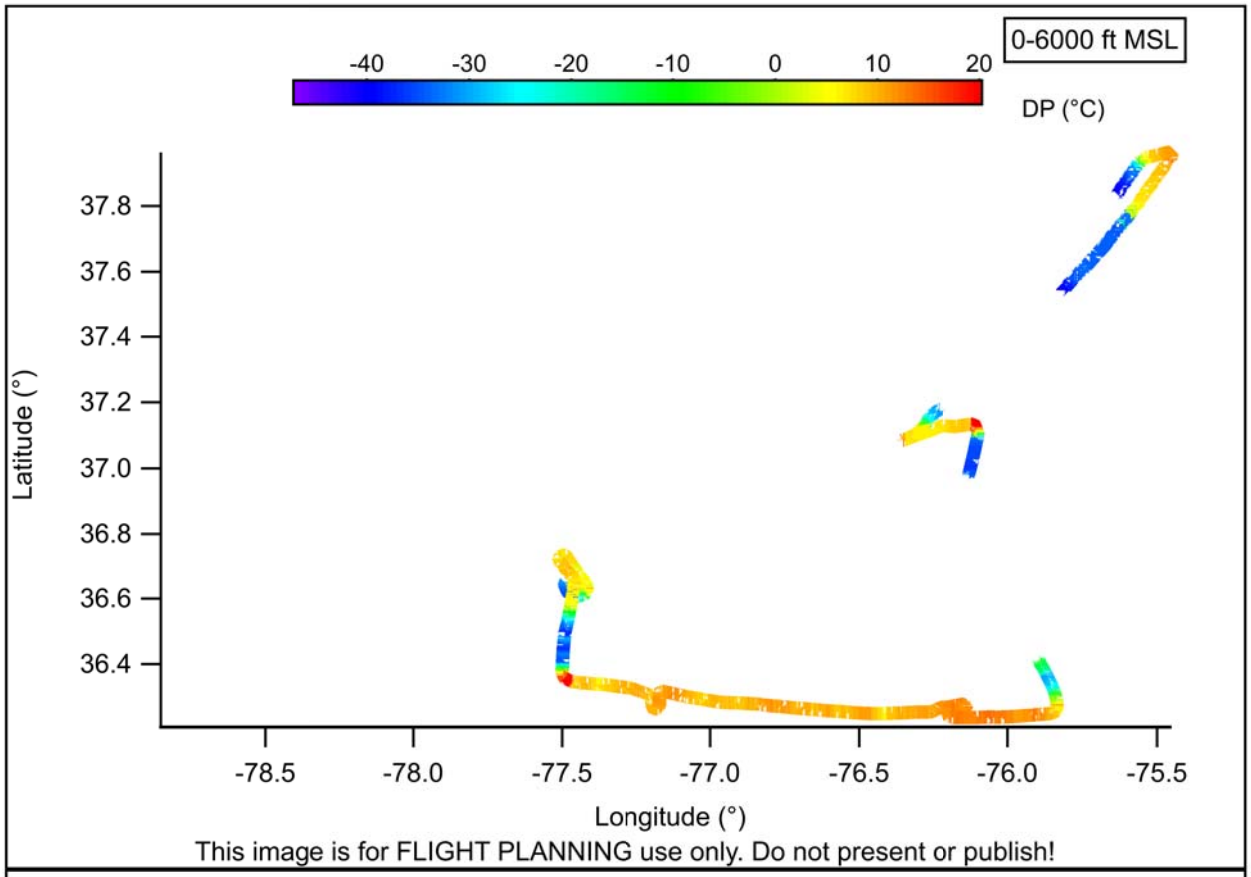
0-6000 ft MSL
-40
-30
-20
-10
0
10
20
DP (°C)
37.8
37.6
37.4
37.2
37.0
36.8
36.6
36.4
Latitude (°)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
Longitude (°)
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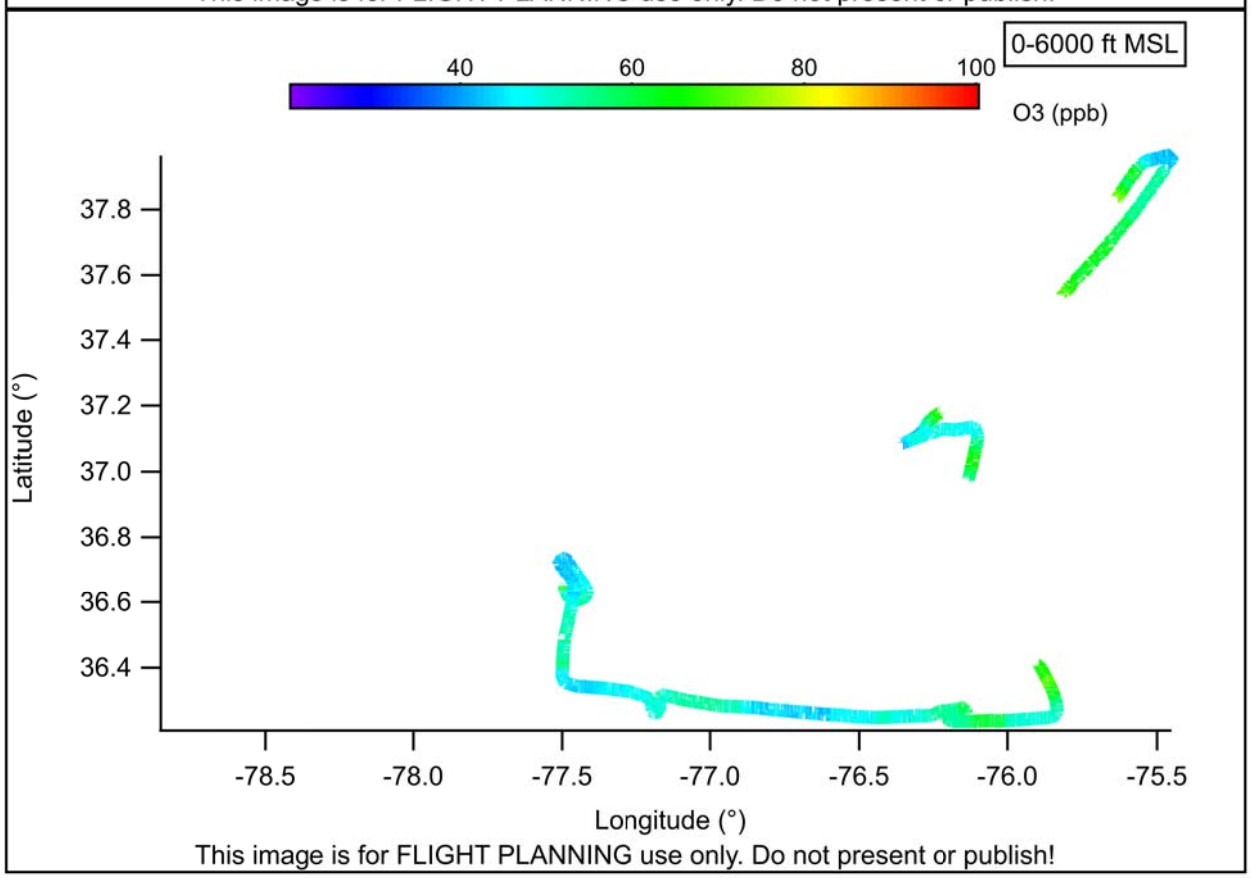
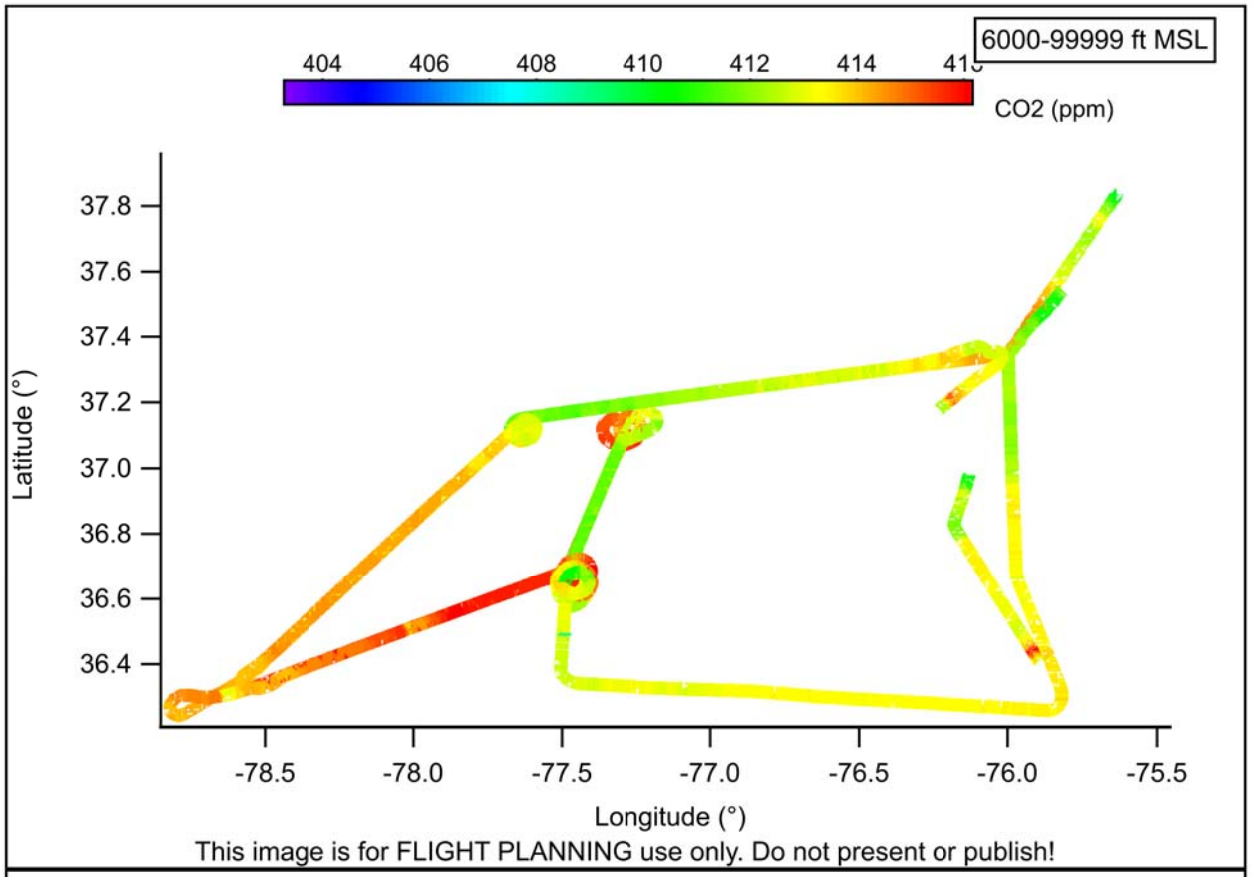
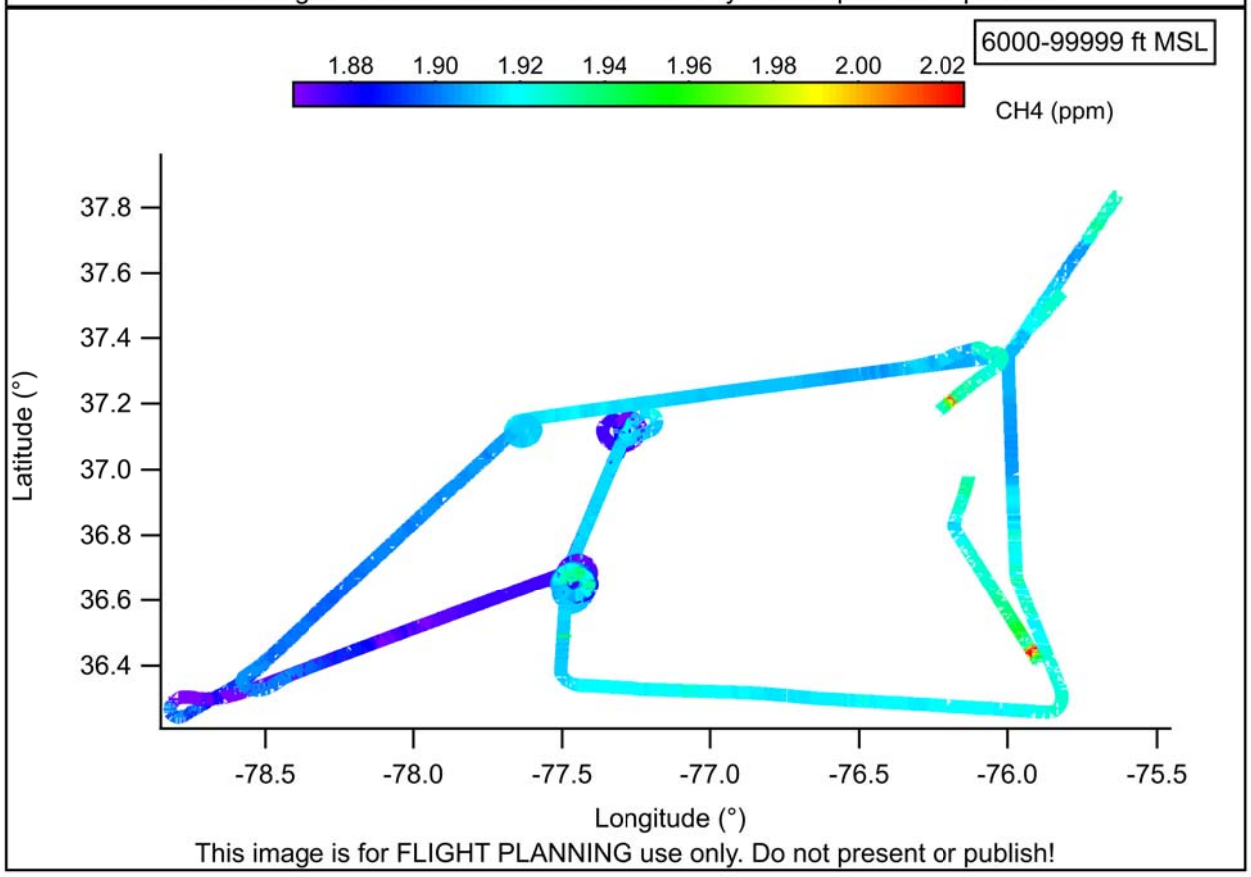
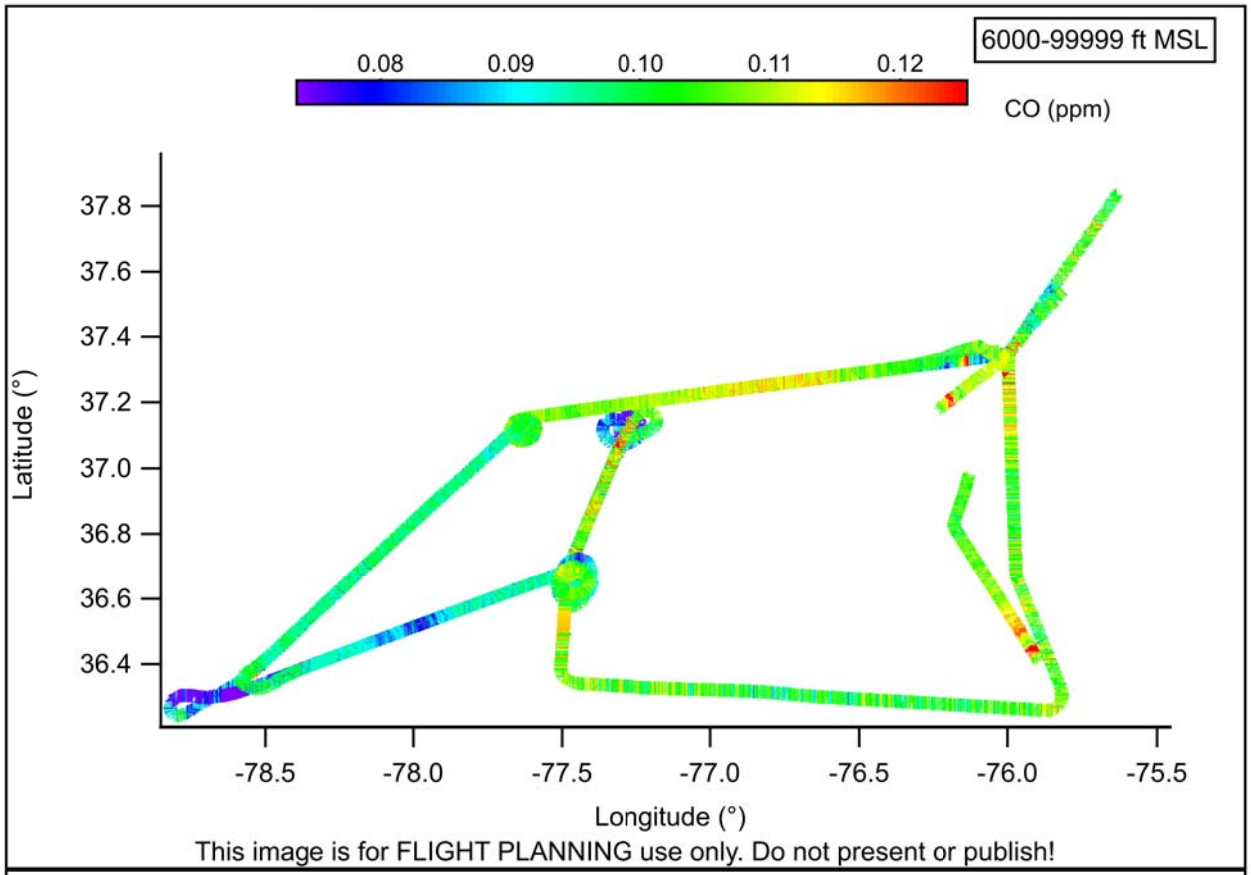
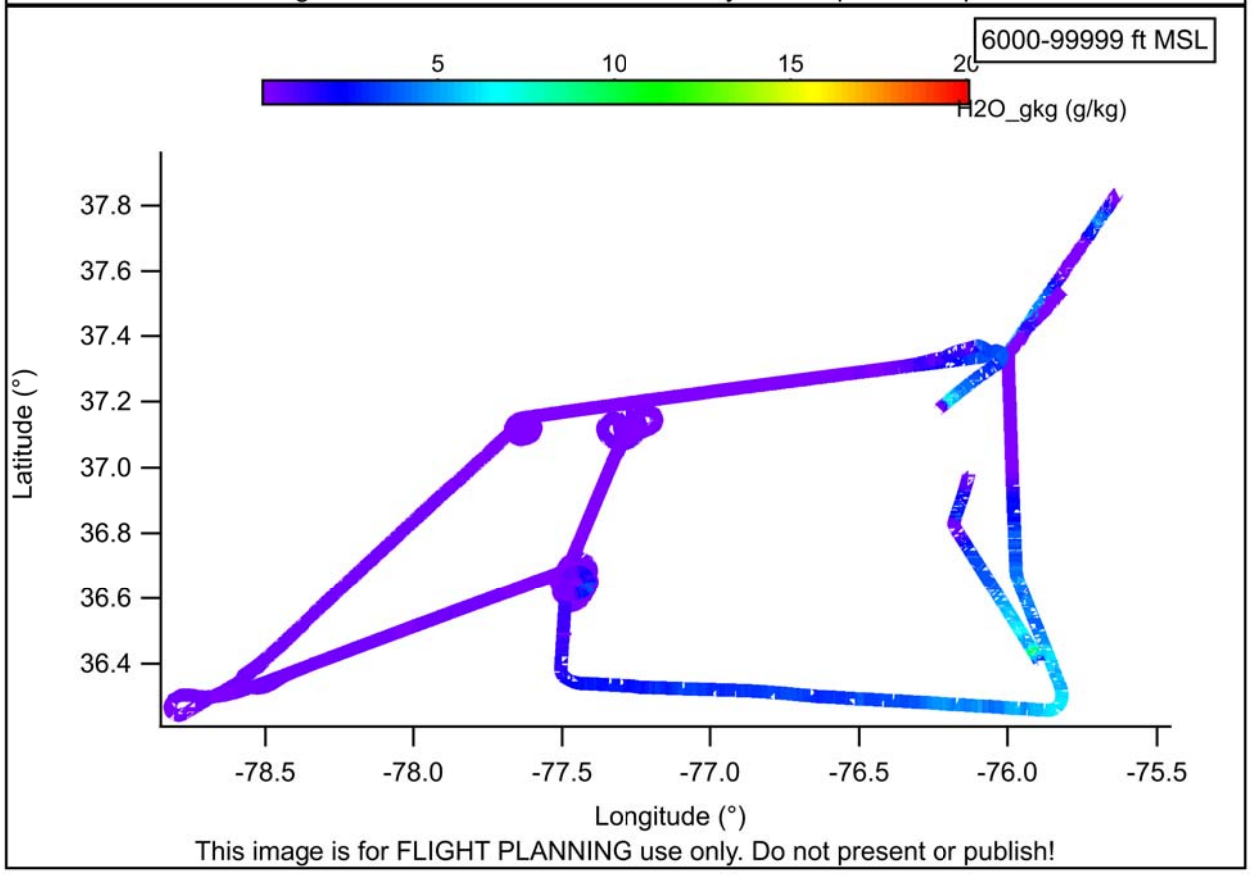
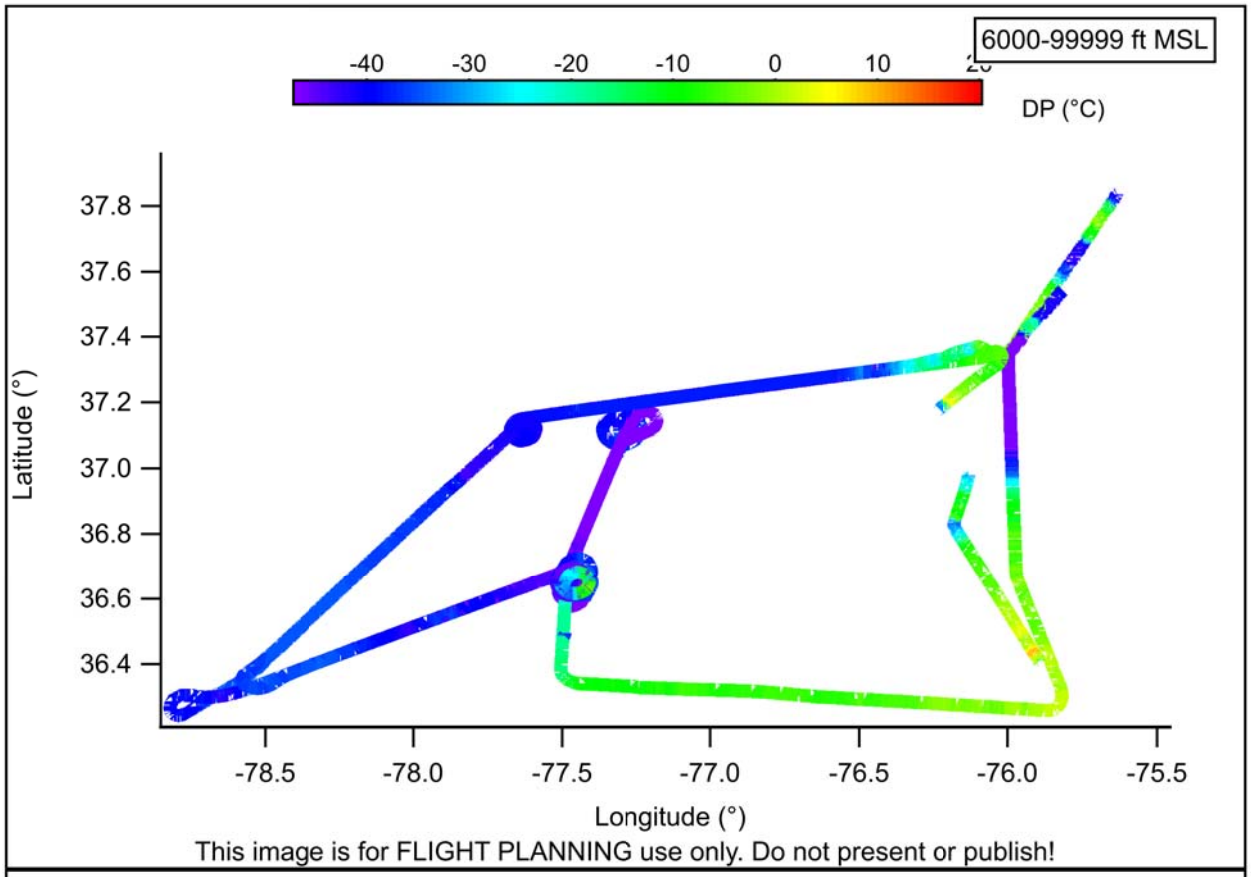

0-6000 ft MSL
40
60
80
100
O3 (ppb)
37.8
37.6
37.4
37.2
37.0
36.8
36.6
36.4
Latitude (°)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

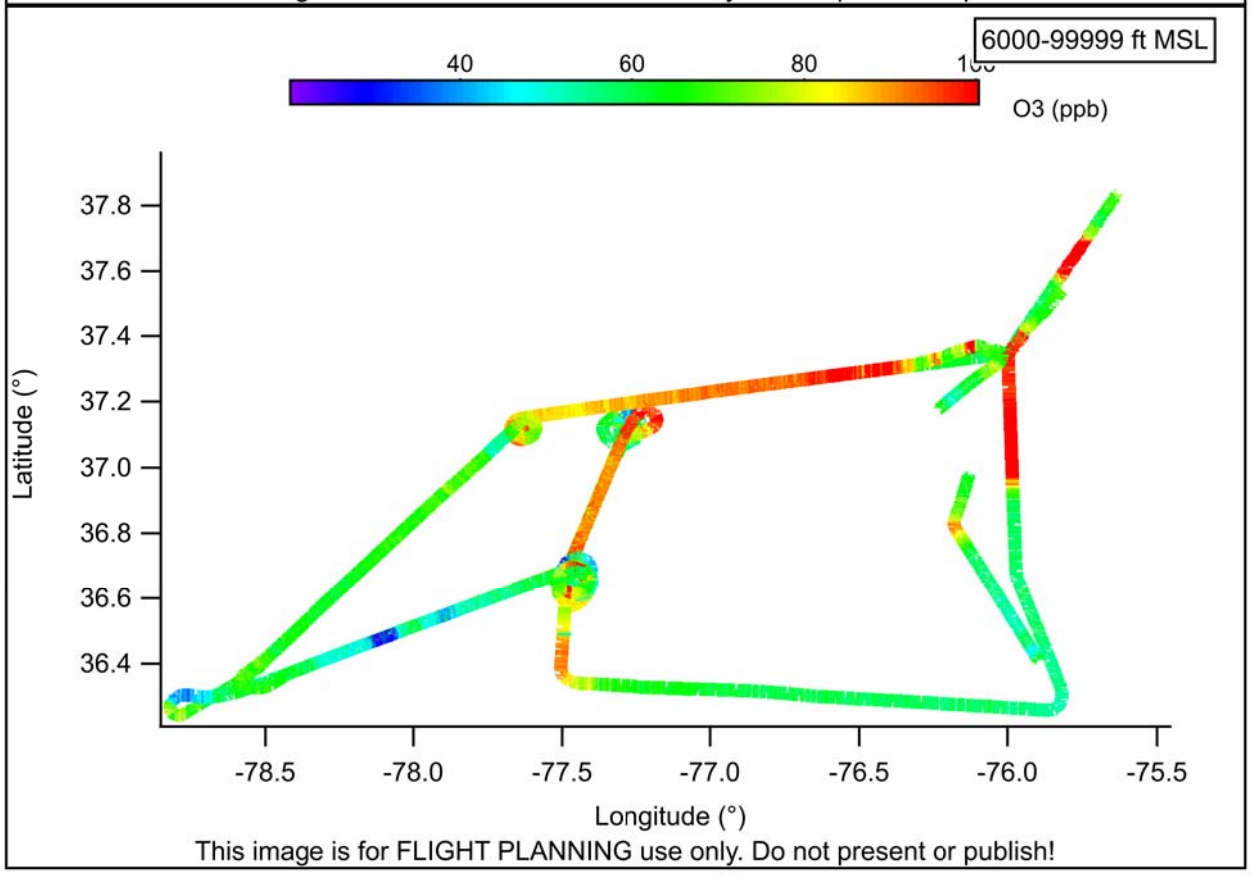

6000-99999 ft MSL
404
406
408
410
412
414
CO2 (ppm)
37.8
37.6
37.4
37.2
37.0
36.8
36.6
36.4
Latitude (°)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

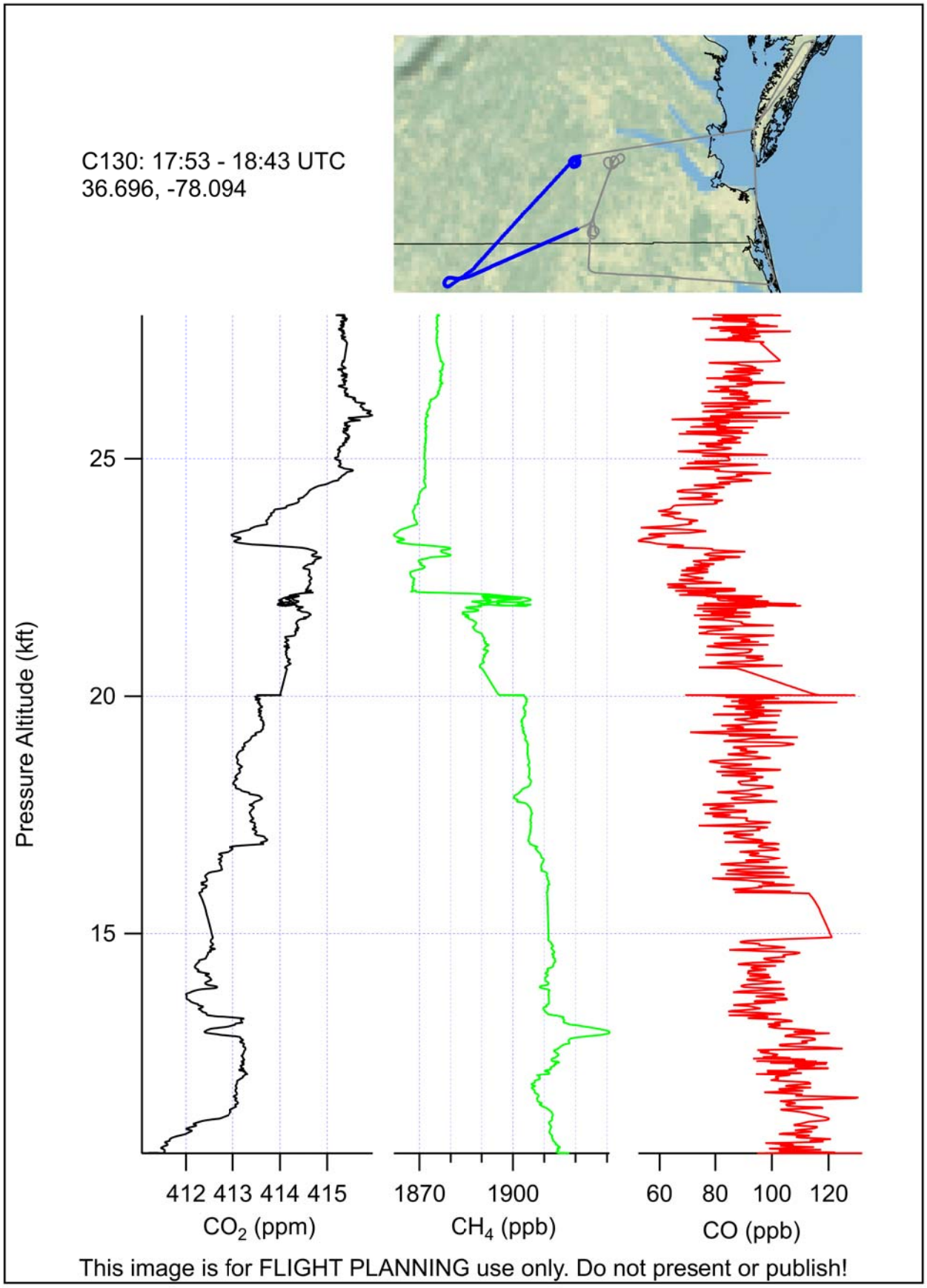

6000-99999 ft MSL
1.88
1.90
1.92
1.94
1.96
1.98
2.00
2.02
CH4 (ppm)
37.8
37.6
37.4
37.2
37.0
36.8
36.6
36.4
Latitude (°)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

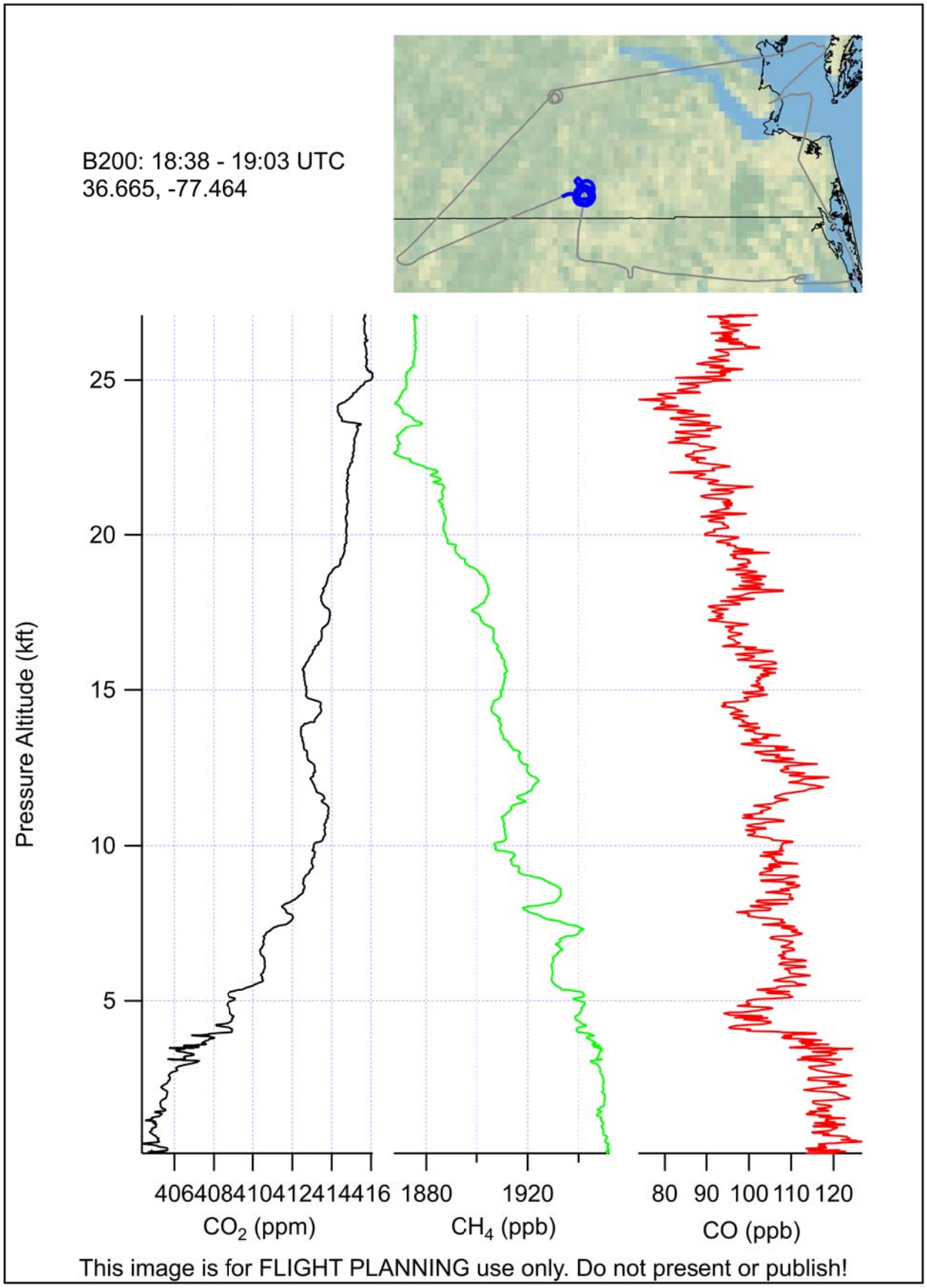

6000-99999 ft MSL
0.08
0.09
0.10
0.11
0.12
CO (ppm)
37.8
37.6
37.4
37.2
37.0
36.8
36.6
36.4
Latitude (°)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

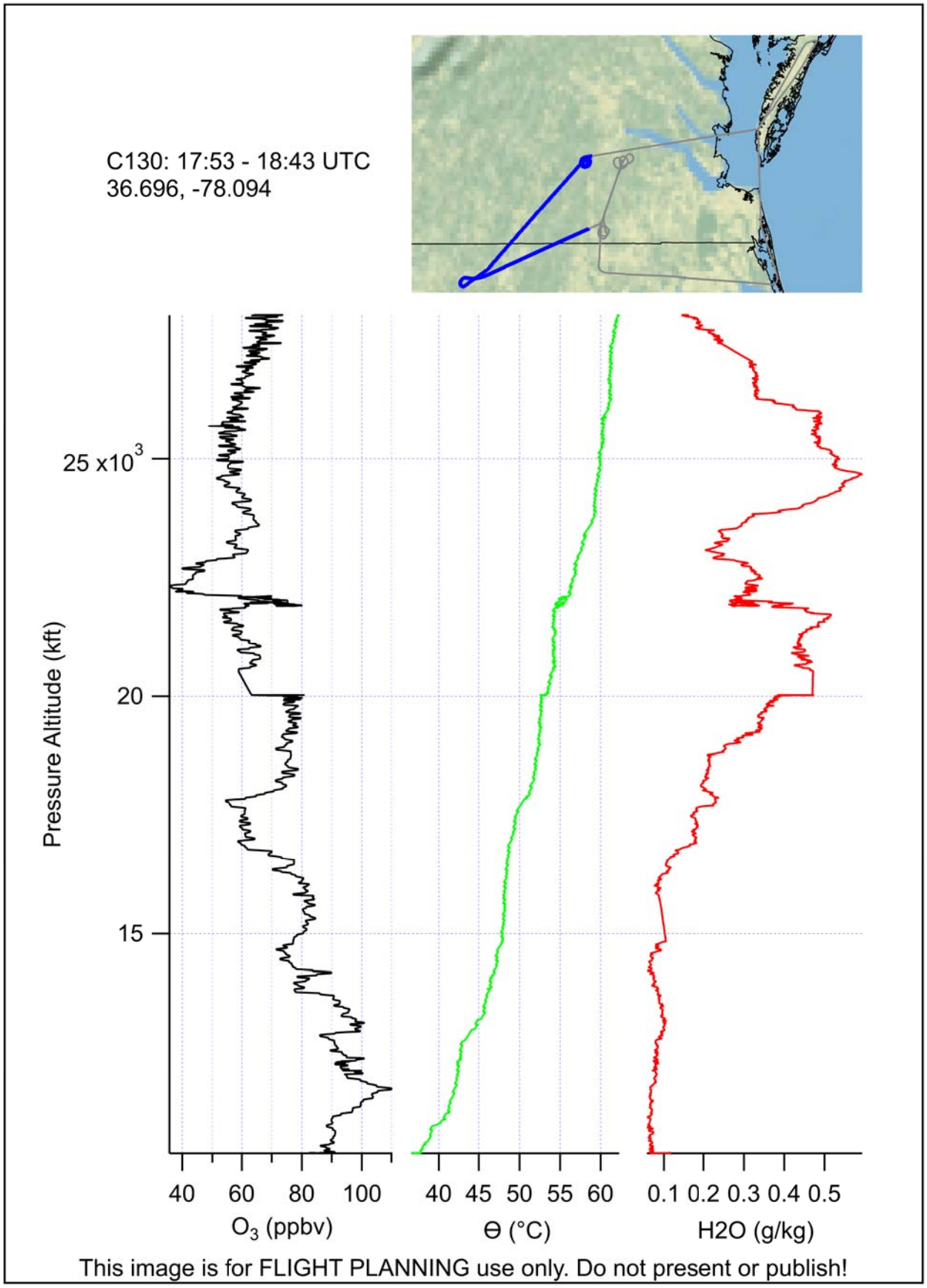

6000-99999 ft MSL
5
10
15
20
H2O_gkg (g/kg)
37.8
37.6
37.4
37.2
37.0
36.8
36.6
36.4
Latitude (°)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

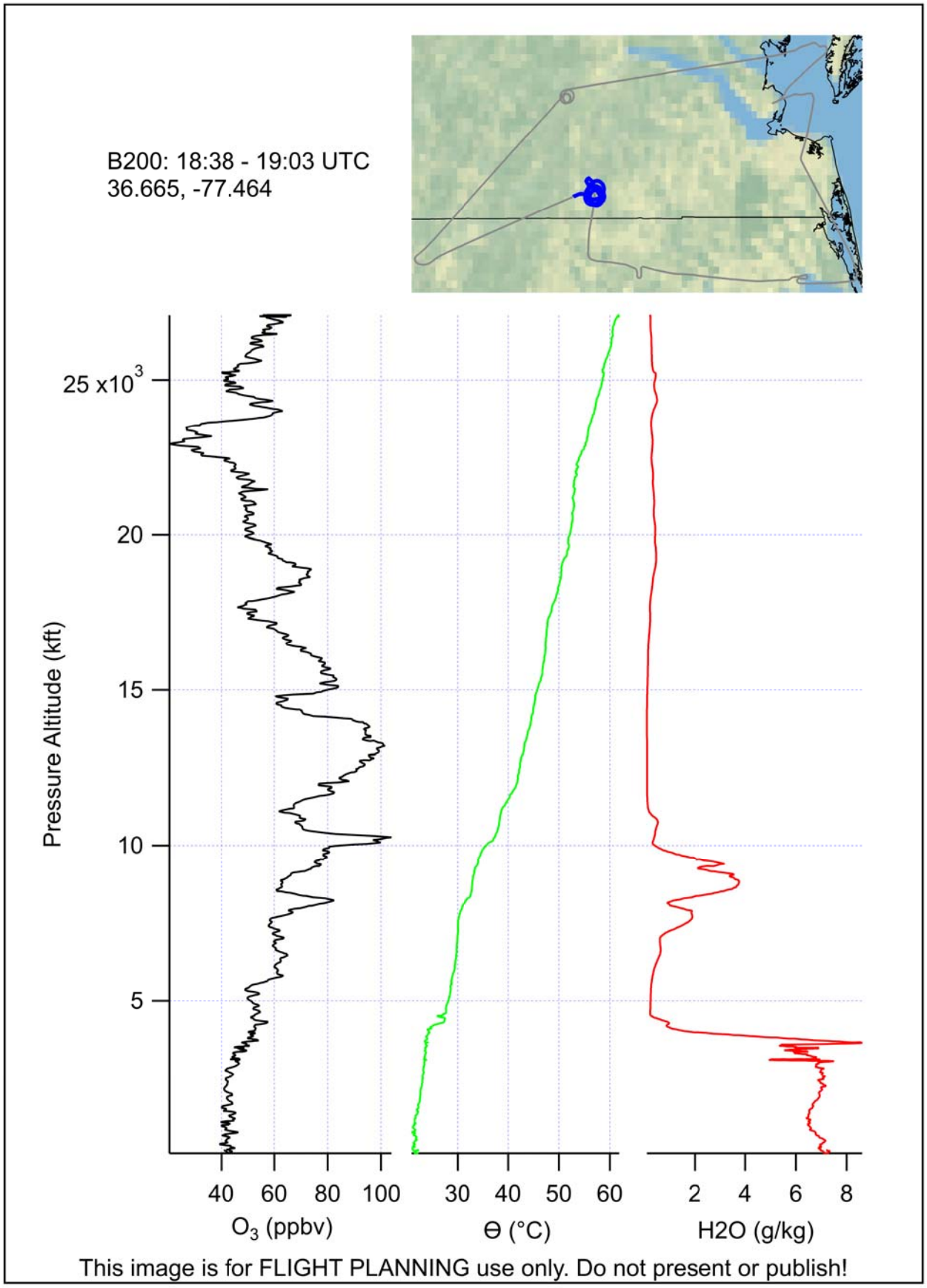

6000-99999 ft MSL
-40
-30
-20
-10
0
10
DP (°C)
37.8
37.6
37.4
37.2
37.0
36.8
36.6
36.4
Latitude (°)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
40
60
80
O3 (ppb)
37.8
37.6
37.4
37.2
37.0
36.8
36.6
36.4
Latitude (°)
-78.5
-78.0
-77.5
-77.0
-76.5
-76.0
-75.5
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:53 - 18:43 UTC
36.696, -78.094
Pressure Altitude (kft)
25
20
15
412 413 414 415
CO_2 (ppm)
1870 1900
CH_4 (ppb)
60 80 100 120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:38 - 19:03 UTC
36.665, -77.464
Pressure Altitude (kft)
25
20
15
10
5
406408410412414416
CO_2 (ppm)
1880
1920
CH_4 (ppb)
80 90 100 110 120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 17:53 - 18:43 UTC
36.696, -78.094
Pressure Altitude (kft)
25 x10^3
20
15
40 60 80 100
O3 (ppbv)
40 45 50 55 60
Θ (°C)
0.1 0.2 0.3 0.4 0.5
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:38 - 19:03 UTC
36.665, -77.464
Pressure Altitude (kft)
25 x10^3
20
15
10
5
40 60 80 100
O3 (ppbv)
30 40 50 60
Θ (°C)
2 4 6 8
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!