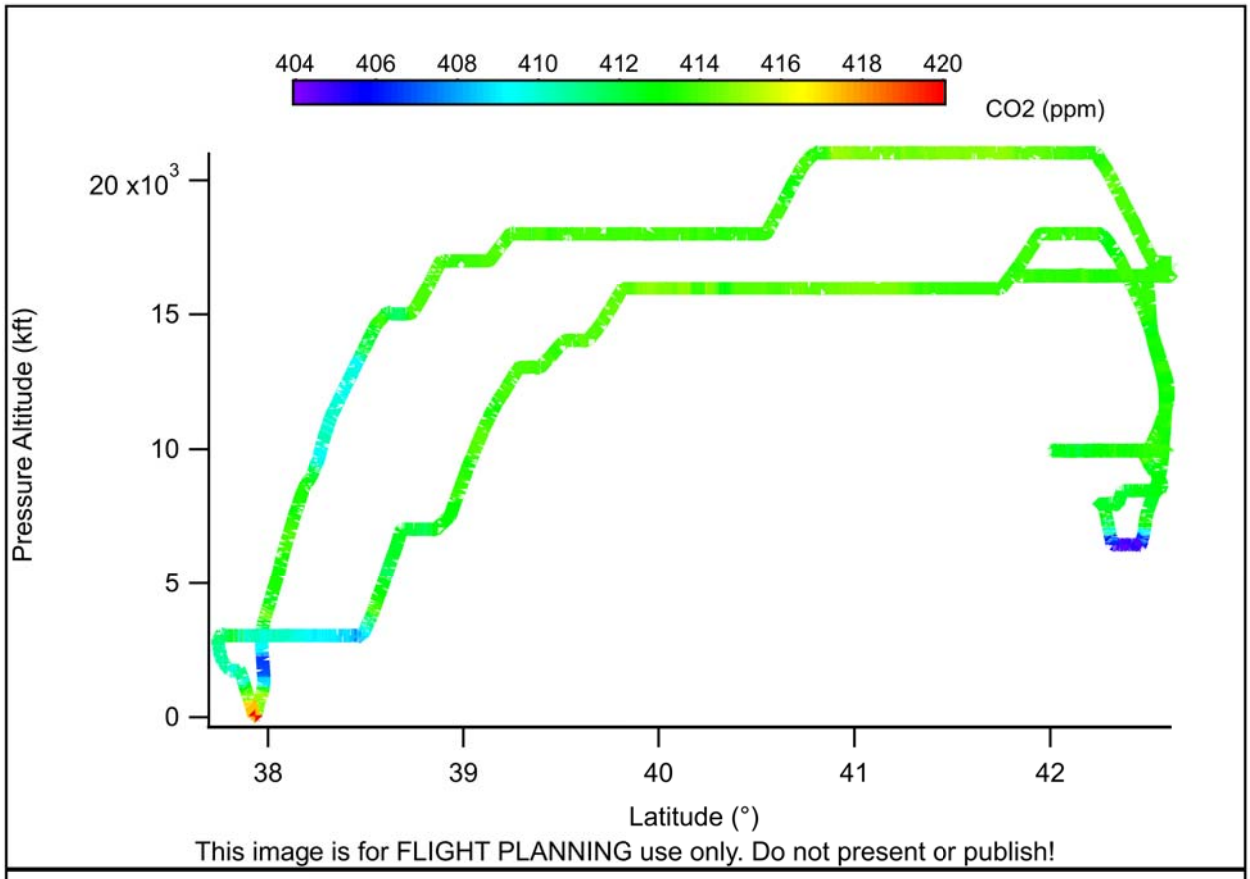
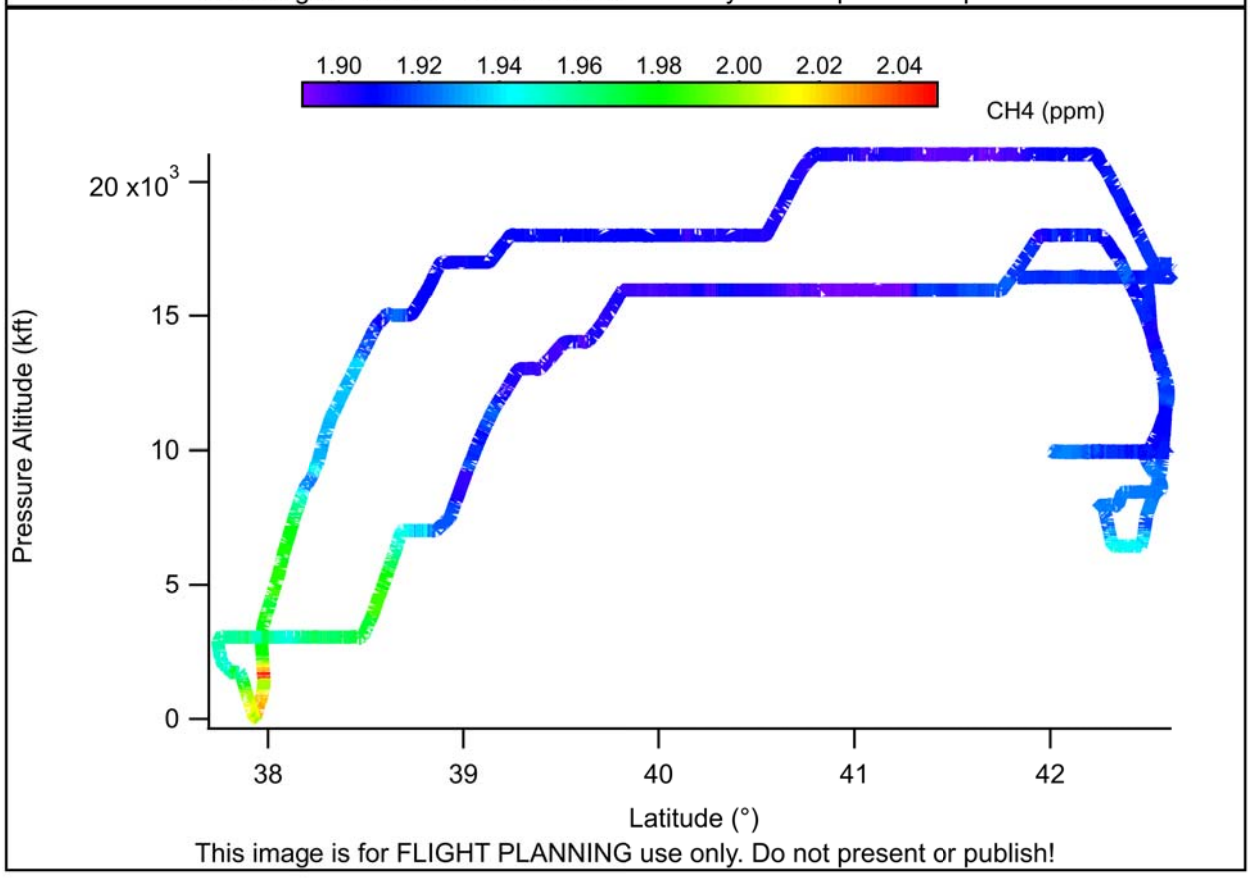
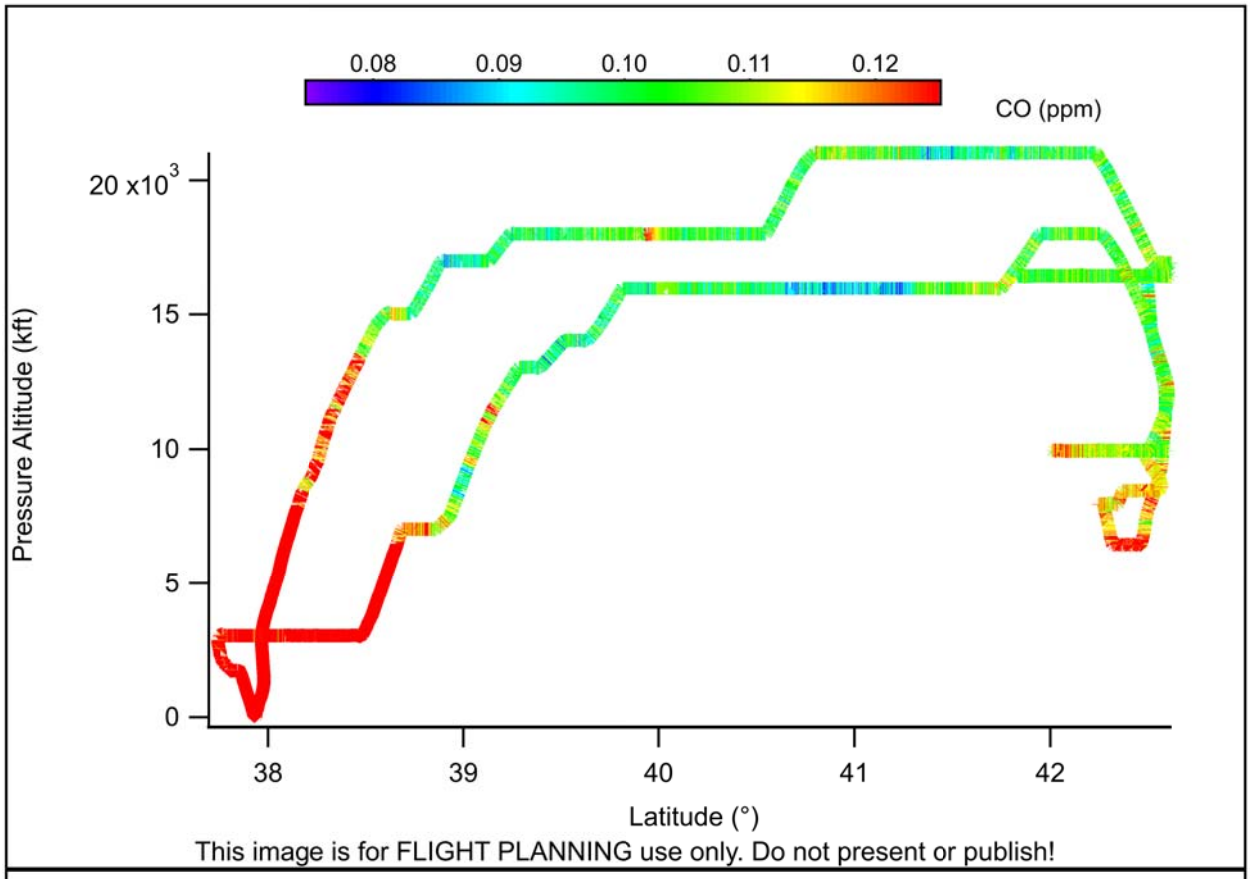
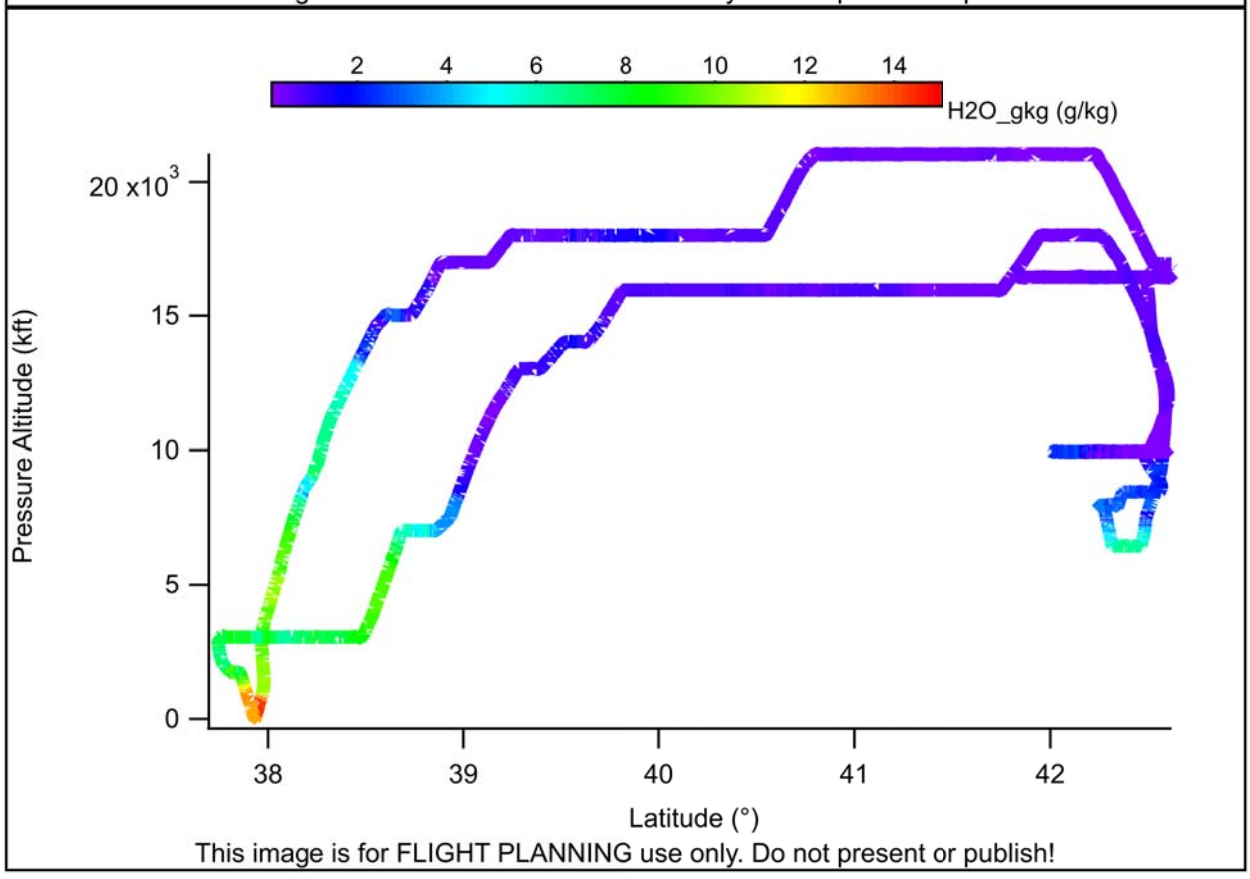
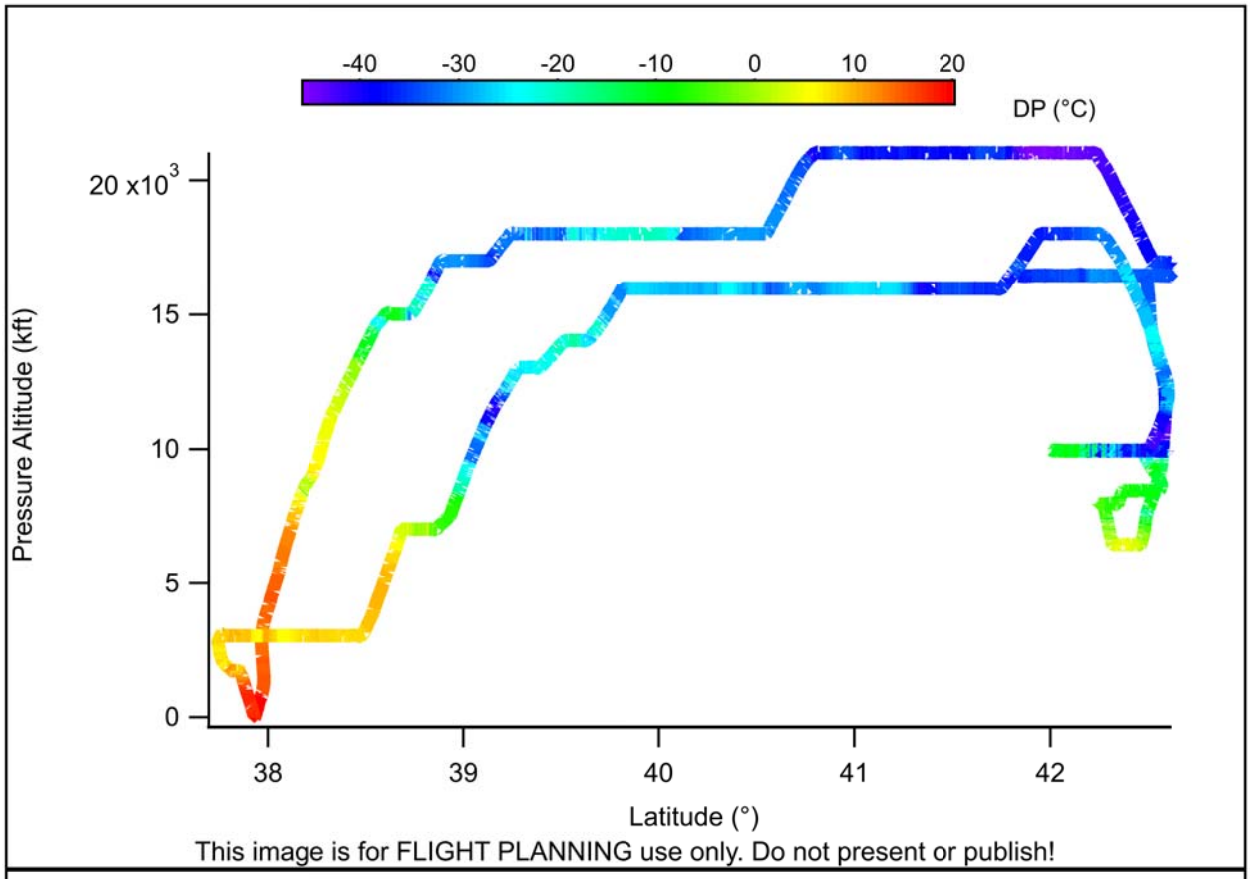
ACT-America 20190607

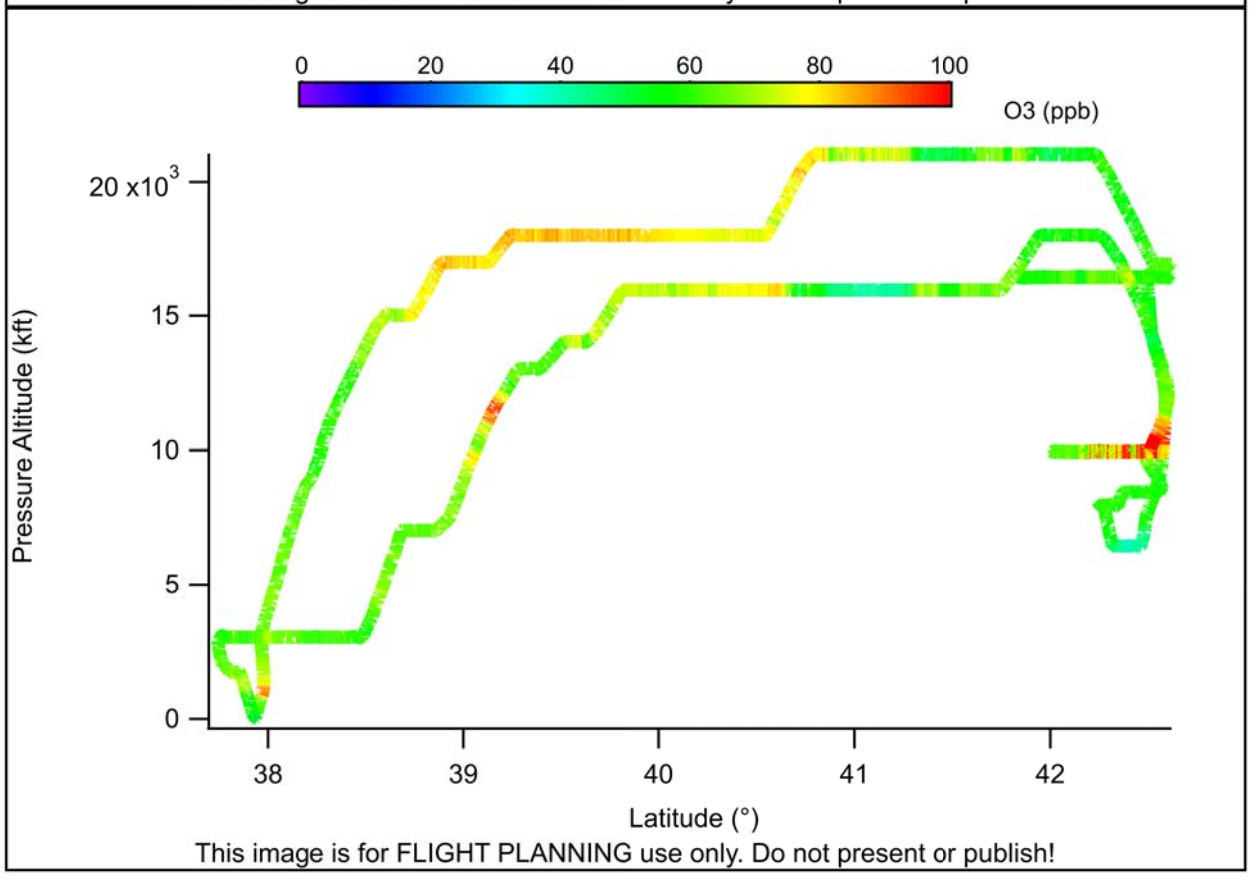

404 406 408 410 412 414 416 418 420
CO2 (ppm)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
38 39 40 41 42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

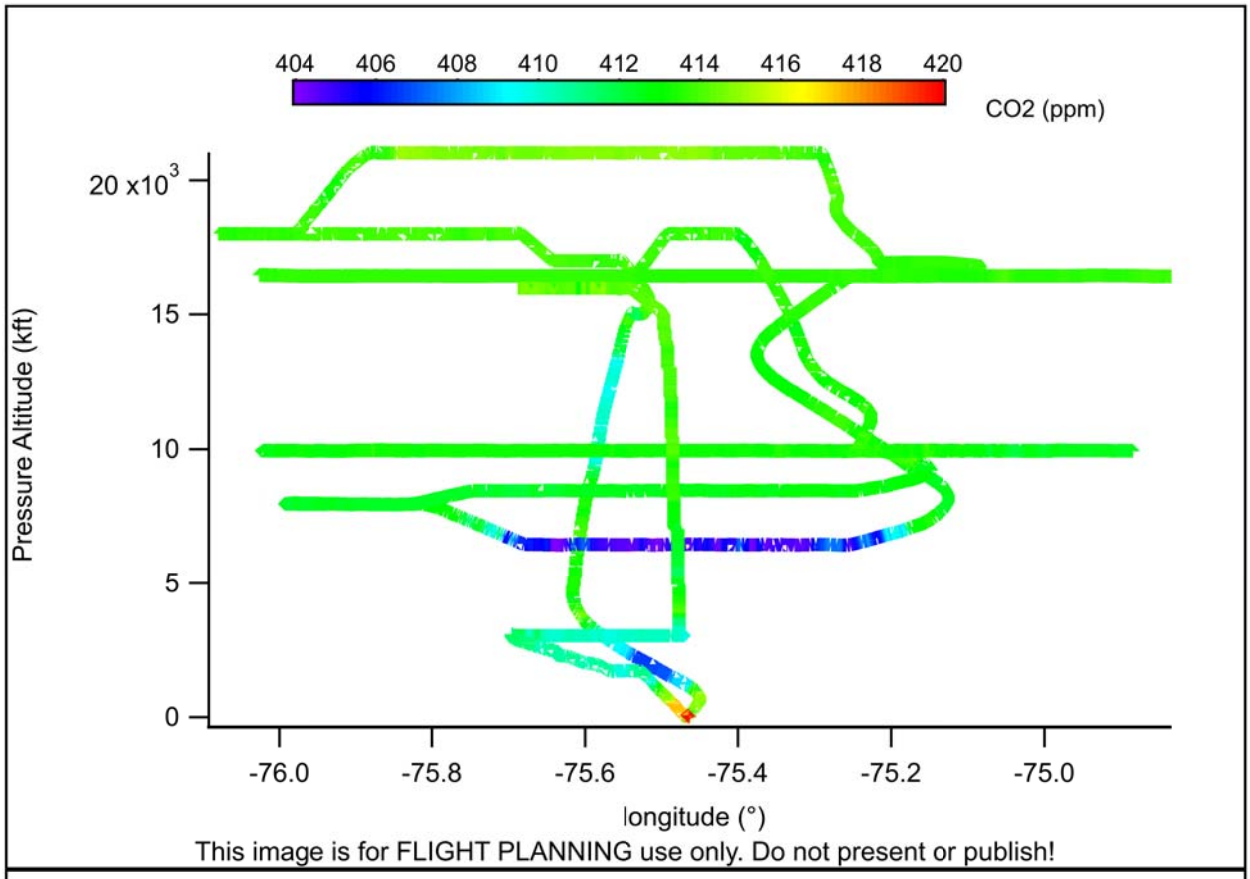

1.90 1.92 1.94 1.96 1.98 2.00 2.02 2.04
CH4 (ppm)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
38 39 40 41 42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

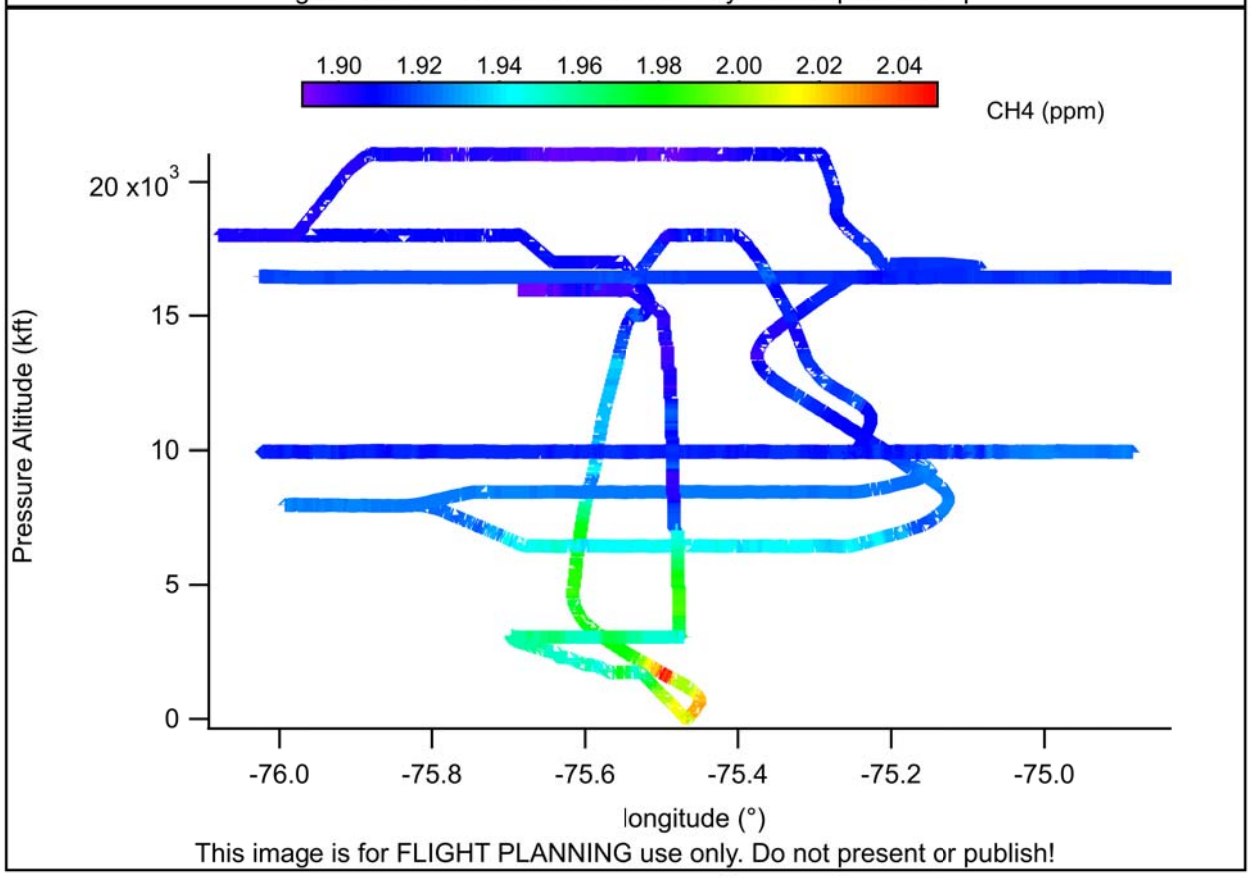

0.08
0.09
0.10
0.11
0.12
CO (ppm)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

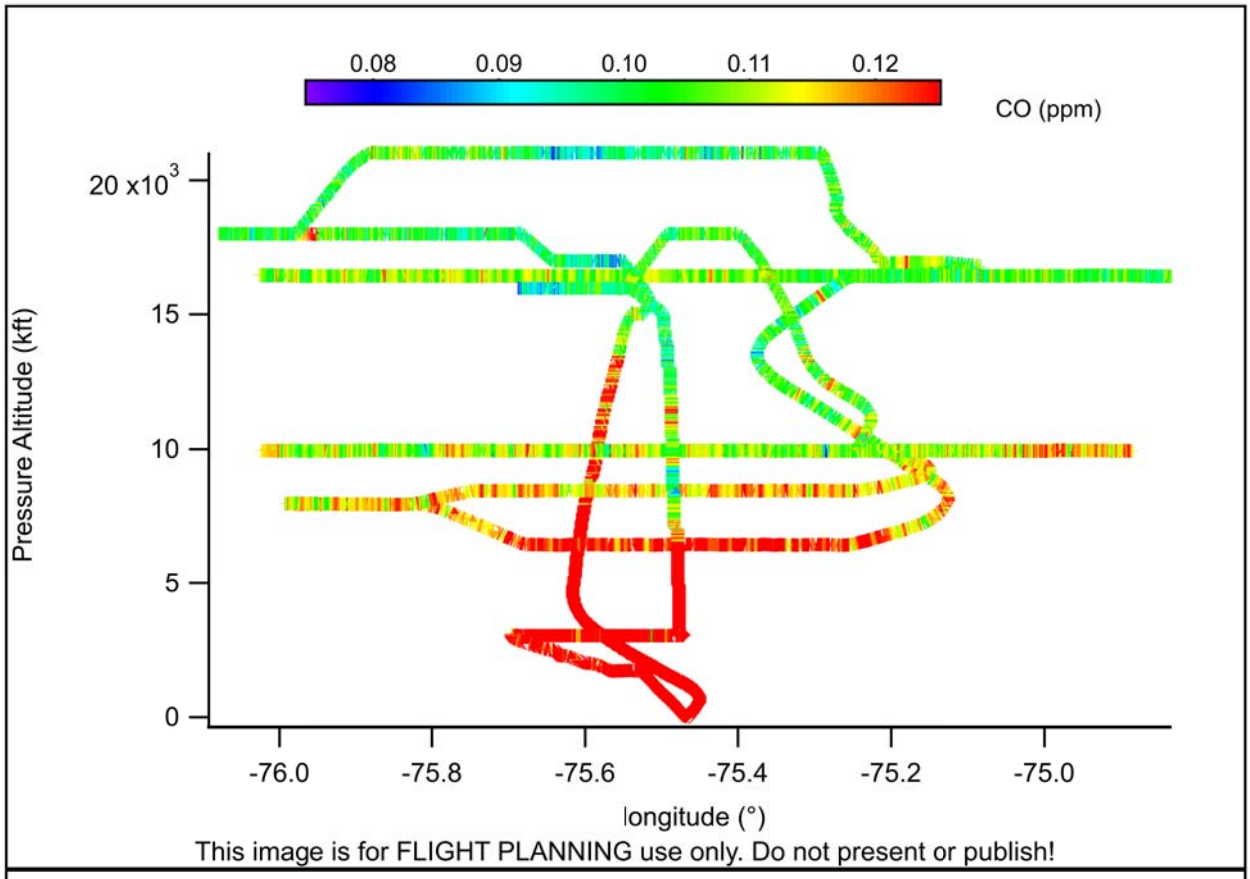

2
4
6
8
10
12
14
H2O_gkg (g/kg)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
38
39
40
41
42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

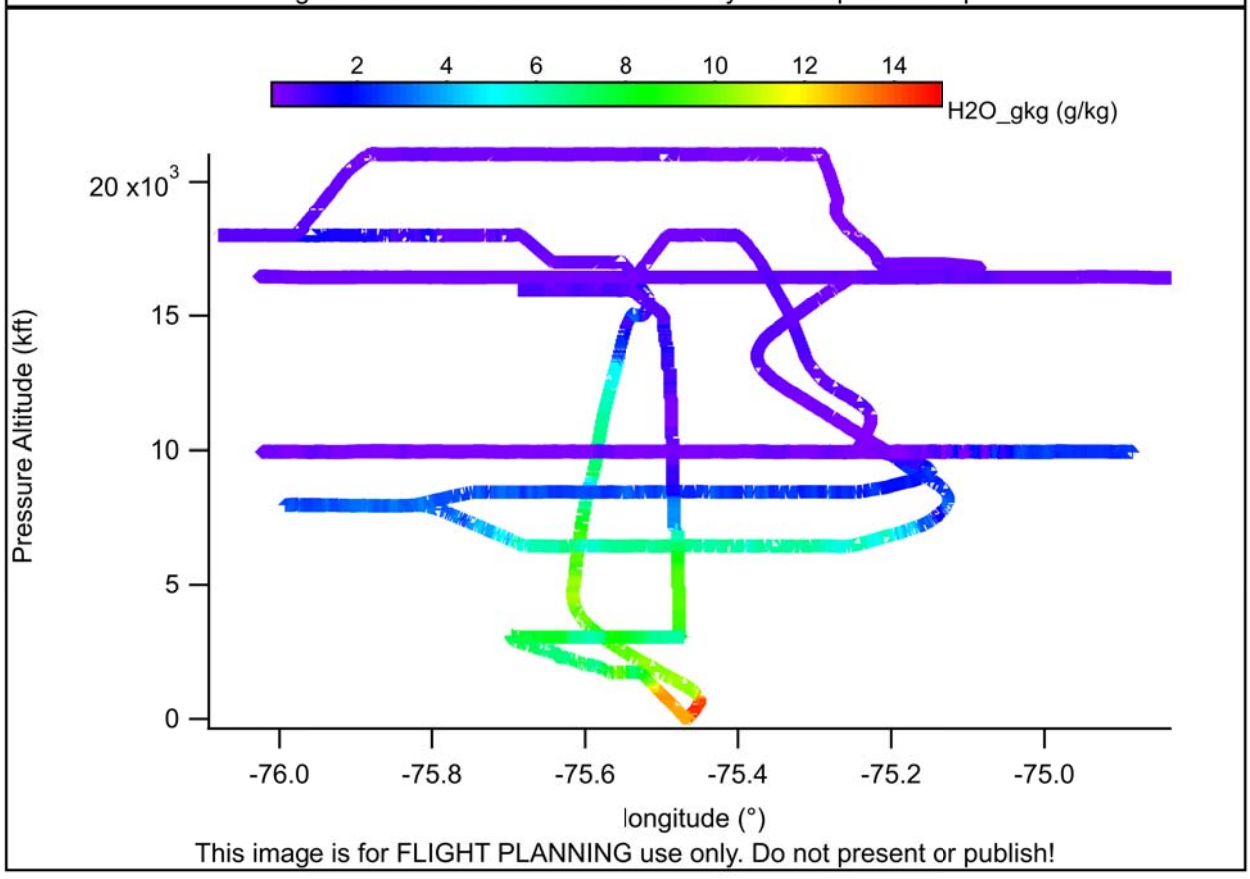

-40 -30 -20 -10 0 10 20
DP (°C)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
38 39 40 41 42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

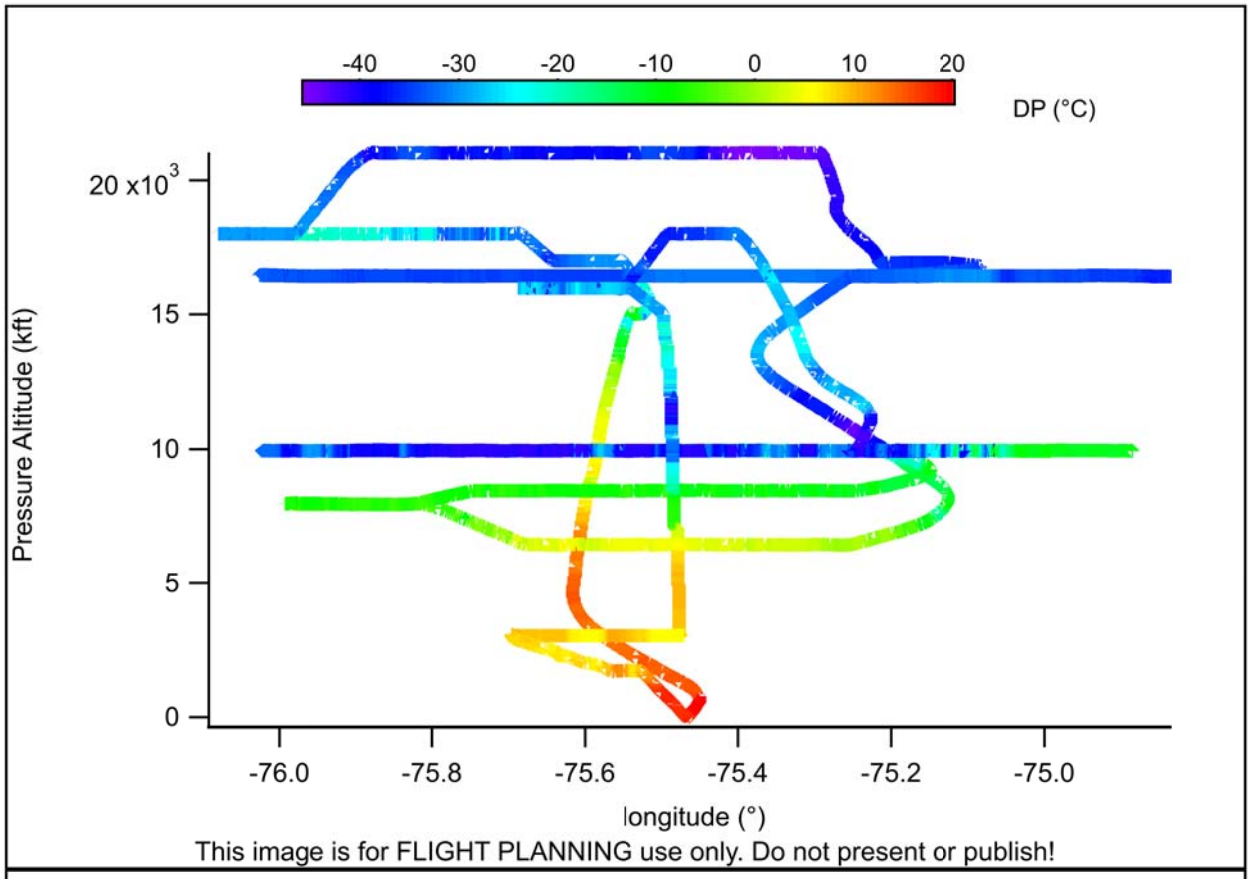

0 20 40 60 80 100
O3 (ppb)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
38 39 40 41 42
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

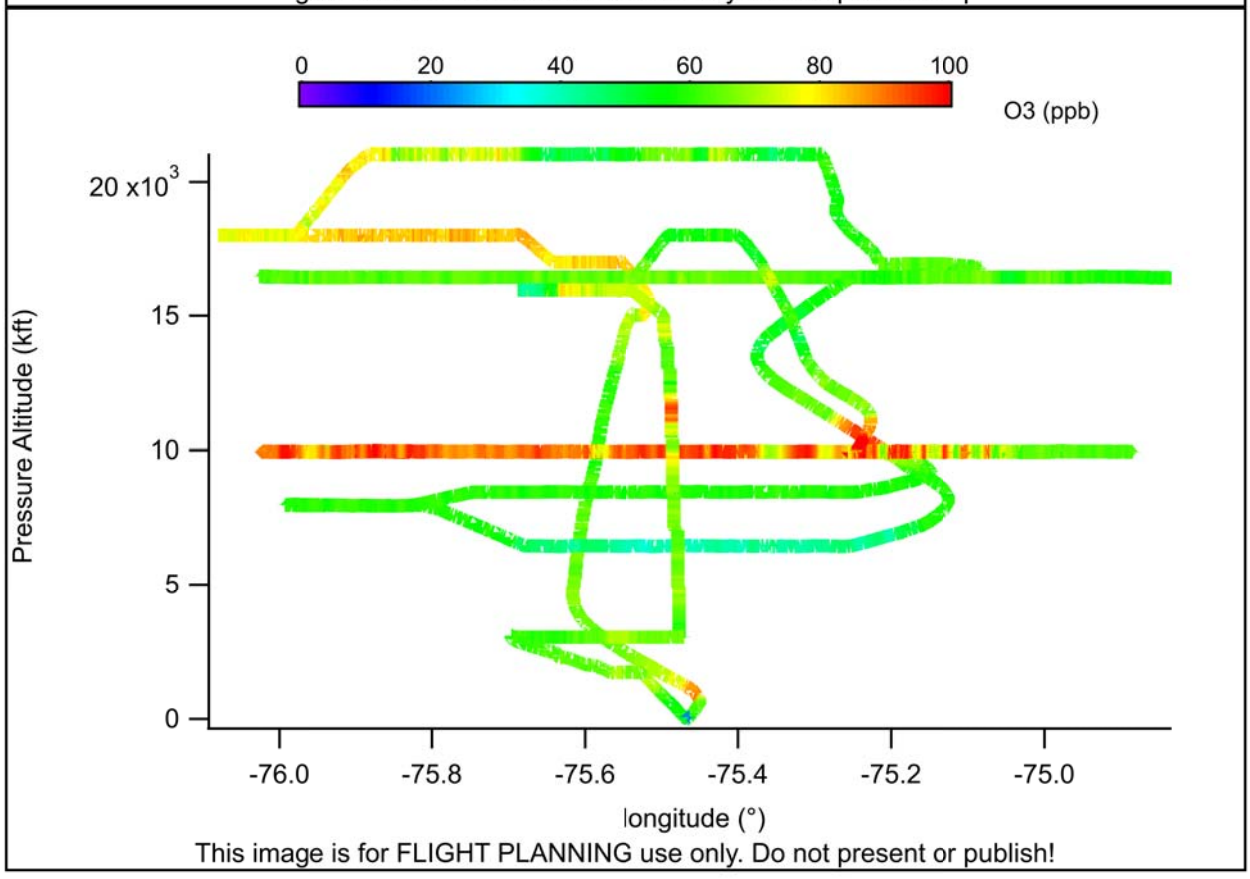

404 406 408 410 412 414 416 418 420
CO2 (ppm)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
-76.0 -75.8 -75.6 -75.4 -75.2 -75.0
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

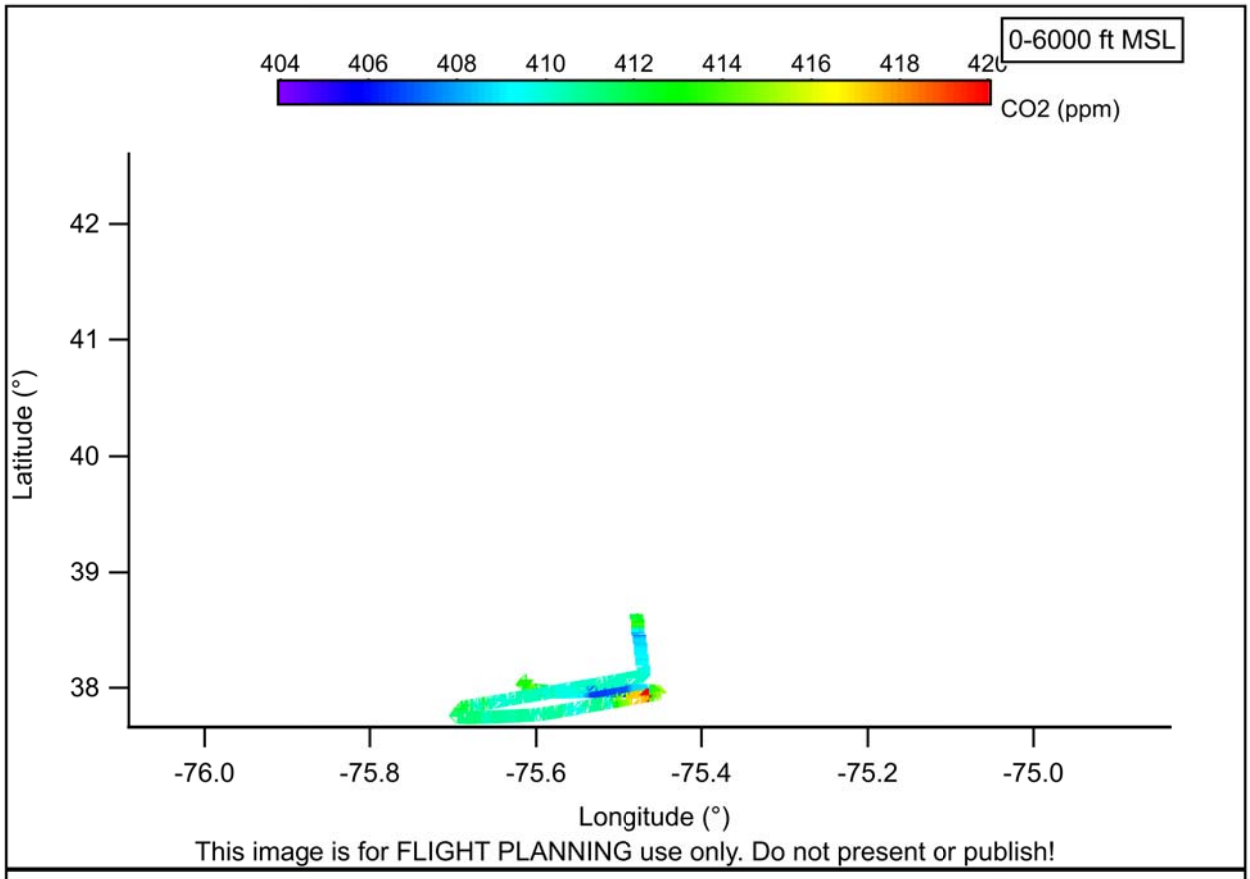

1.90 1.92 1.94 1.96 1.98 2.00 2.02 2.04
CH4 (ppm)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
-76.0 -75.8 -75.6 -75.4 -75.2 -75.0
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

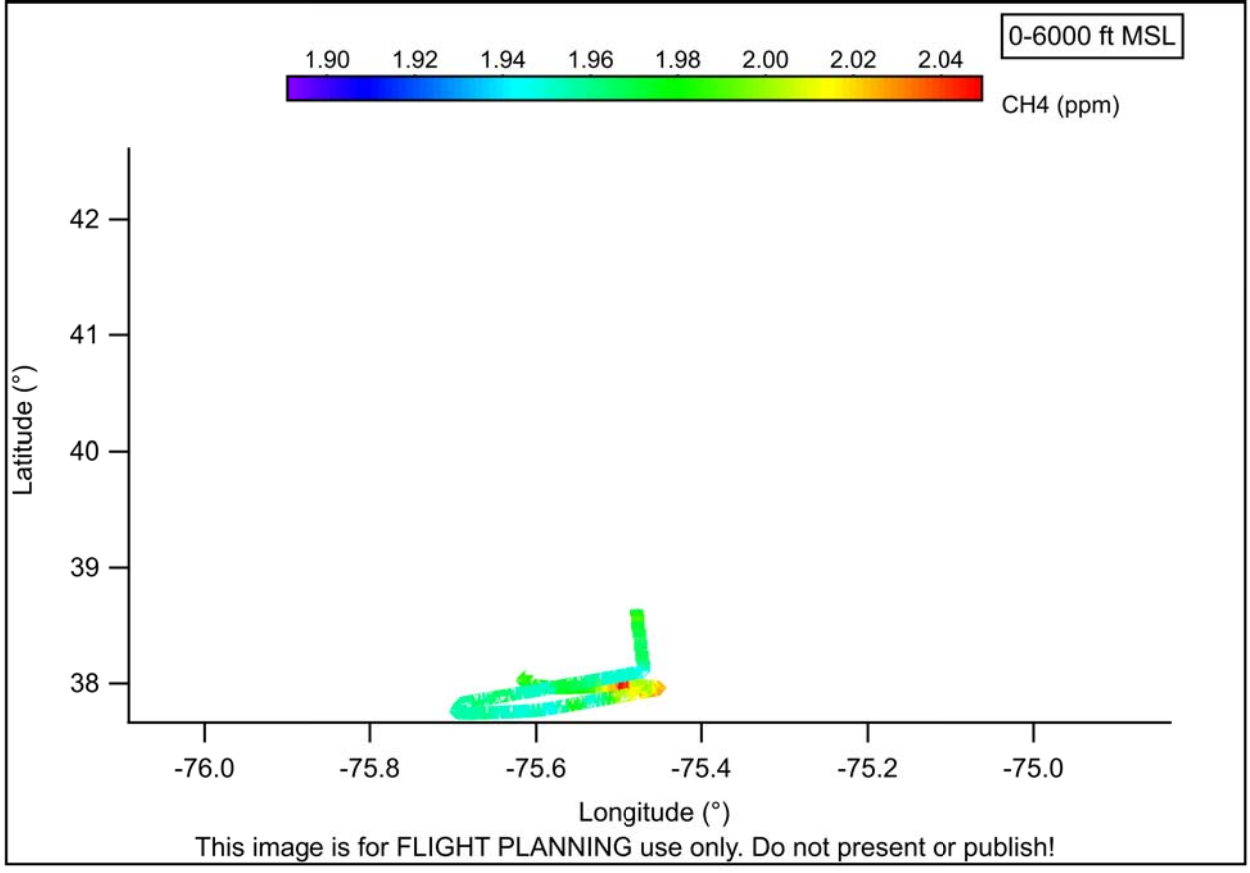

0.08
0.09
0.10
0.11
0.12
CO (ppm)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
-76.0
-75.8
-75.6
-75.4
-75.2
-75.0
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

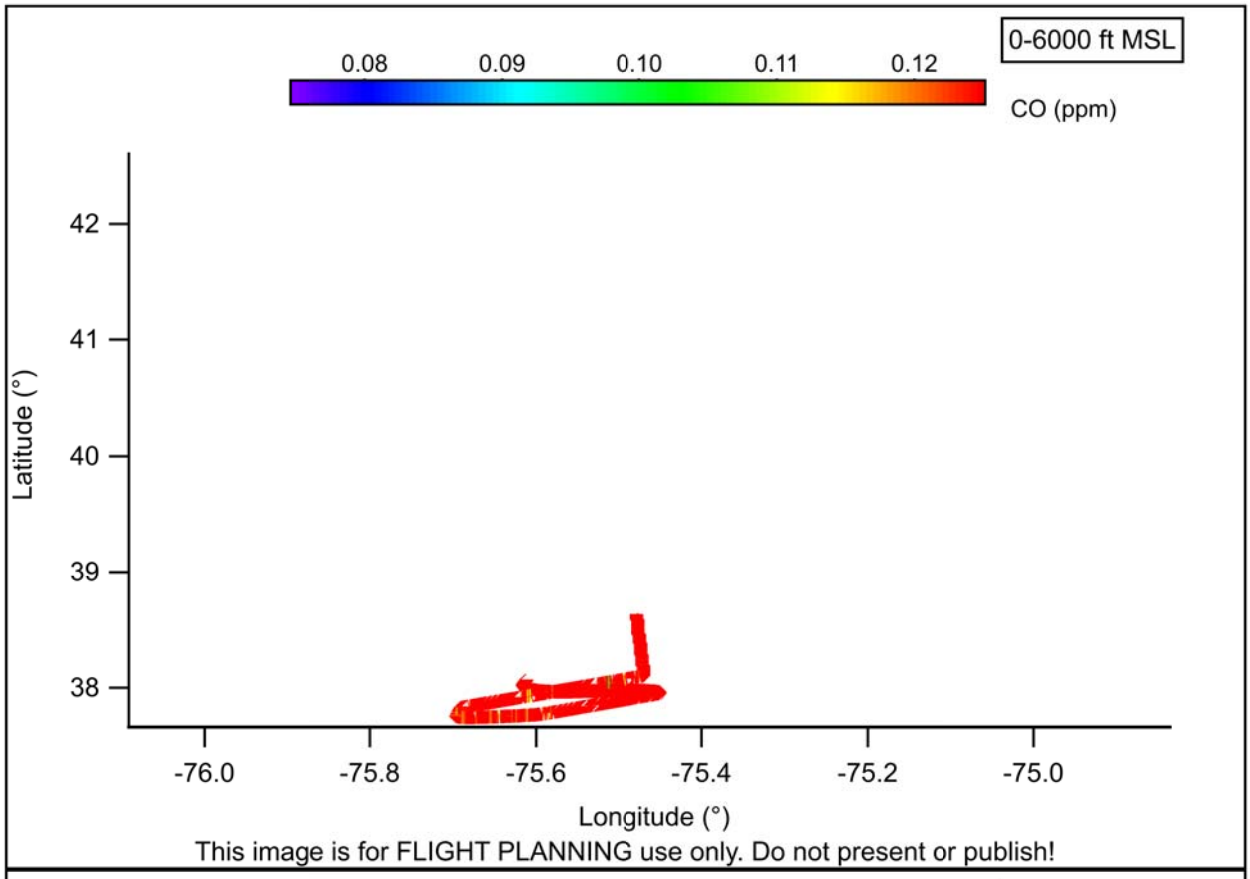

2
4
6
8
10
12
14
H2O_gkg (g/kg)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
-76.0
-75.8
-75.6
-75.4
-75.2
-75.0
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

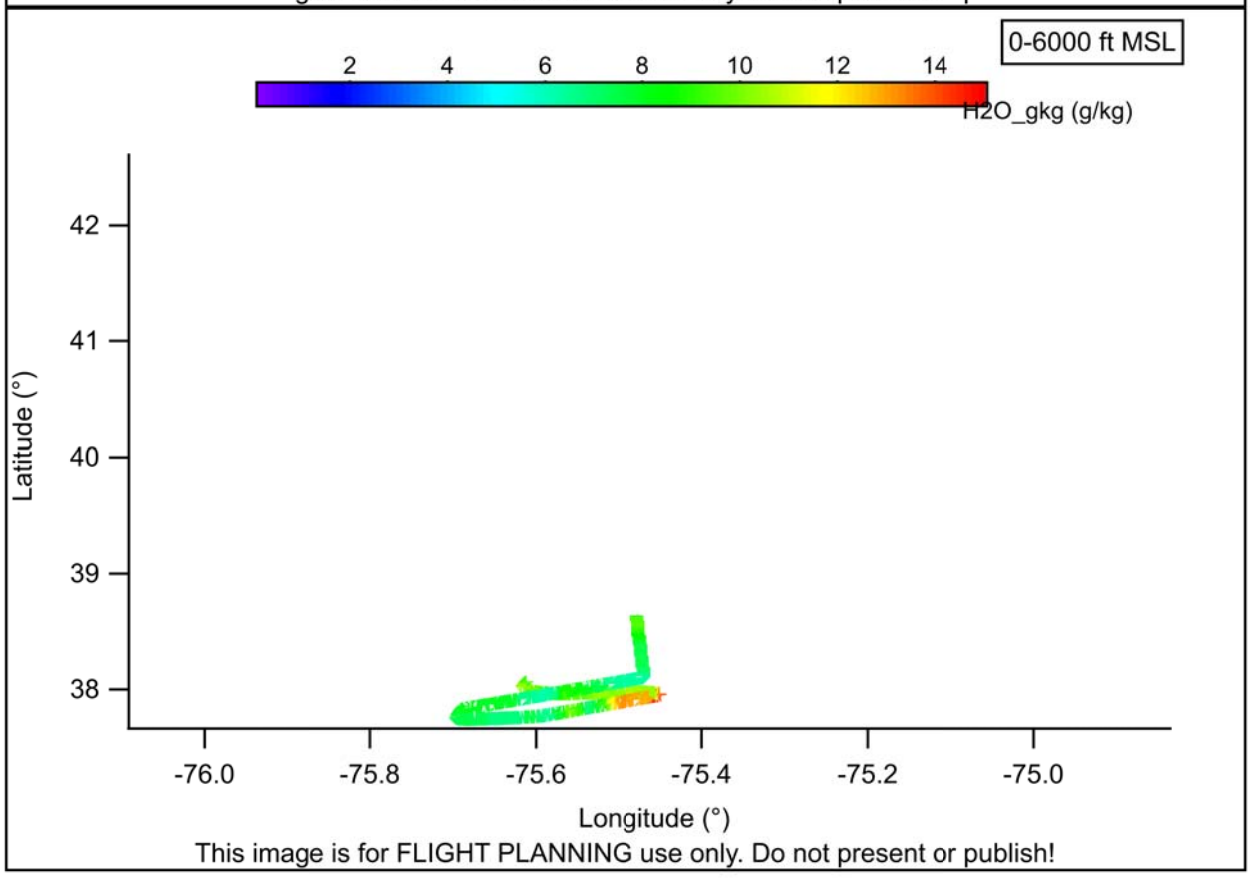

-40 -30 -20 -10 0 10 20
DP (°C)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
-76.0 -75.8 -75.6 -75.4 -75.2 -75.0
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

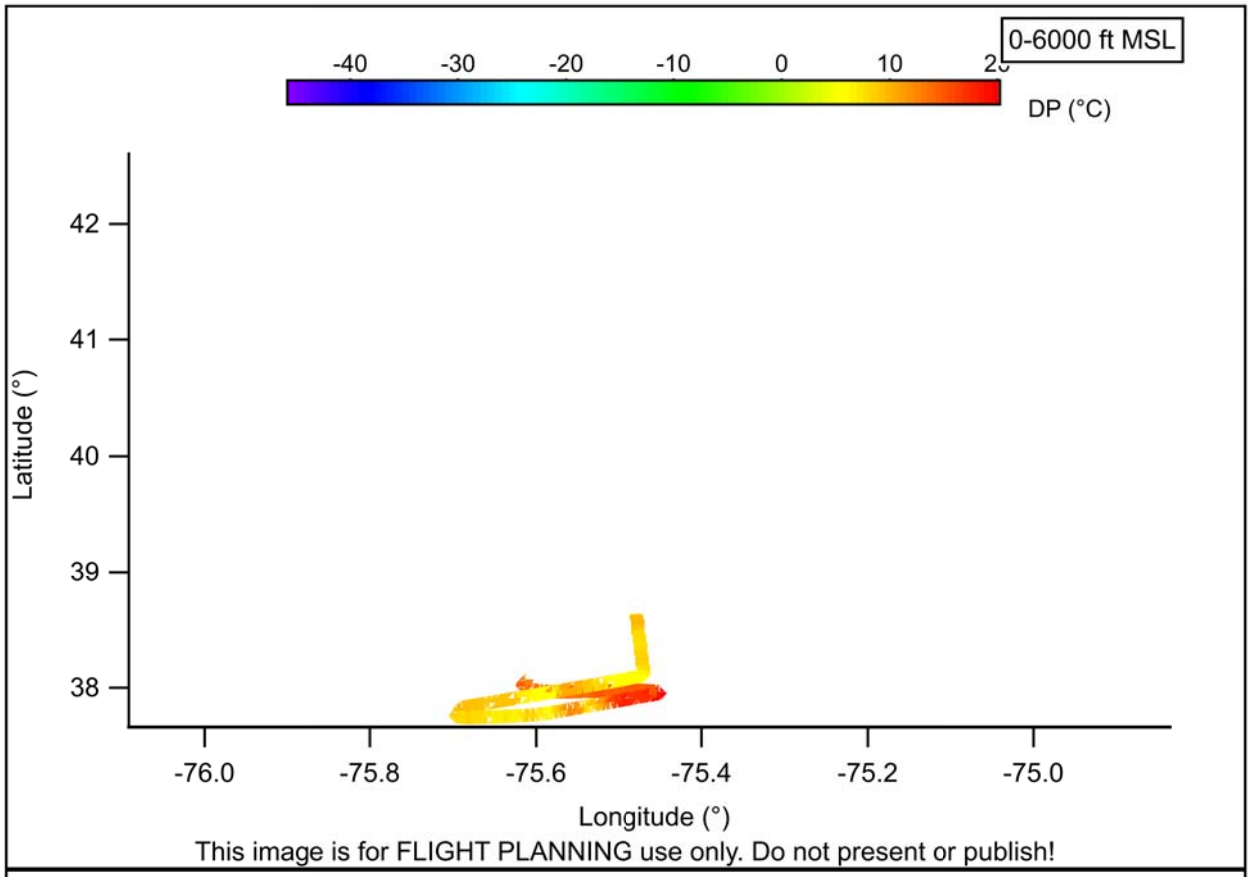

0 20 40 60 80 100
O3 (ppb)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
-76.0 -75.8 -75.6 -75.4 -75.2 -75.0
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
404 406 408 410 412 414 416 418 420
CO2 (ppm)
Latitude (°)
42
41
40
39
38
-76.0 -75.8 -75.6 -75.4 -75.2 -75.0
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
1.90 1.92 1.94 1.96 1.98 2.00 2.02 2.04
CH4 (ppm)
Latitude (°)
42
41
40
39
38
-76.0 -75.8 -75.6 -75.4 -75.2 -75.0
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)
42
41
40
39
38
Latitude (°)
-76.0
-75.8
-75.6
-75.4
-75.2
-75.0
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
2
4
6
8
10
12
14
H2O_gkg (g/kg)
42
41
40
39
38
Latitude (°)
-76.0
-75.8
-75.6
-75.4
-75.2
-75.0
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
-40
-30
-20
-10
0
10
DP (°C)
Latitude (°)
42
41
40
39
38
-76.0
-75.8
-75.6
-75.4
-75.2
-75.0
Longitude (°)
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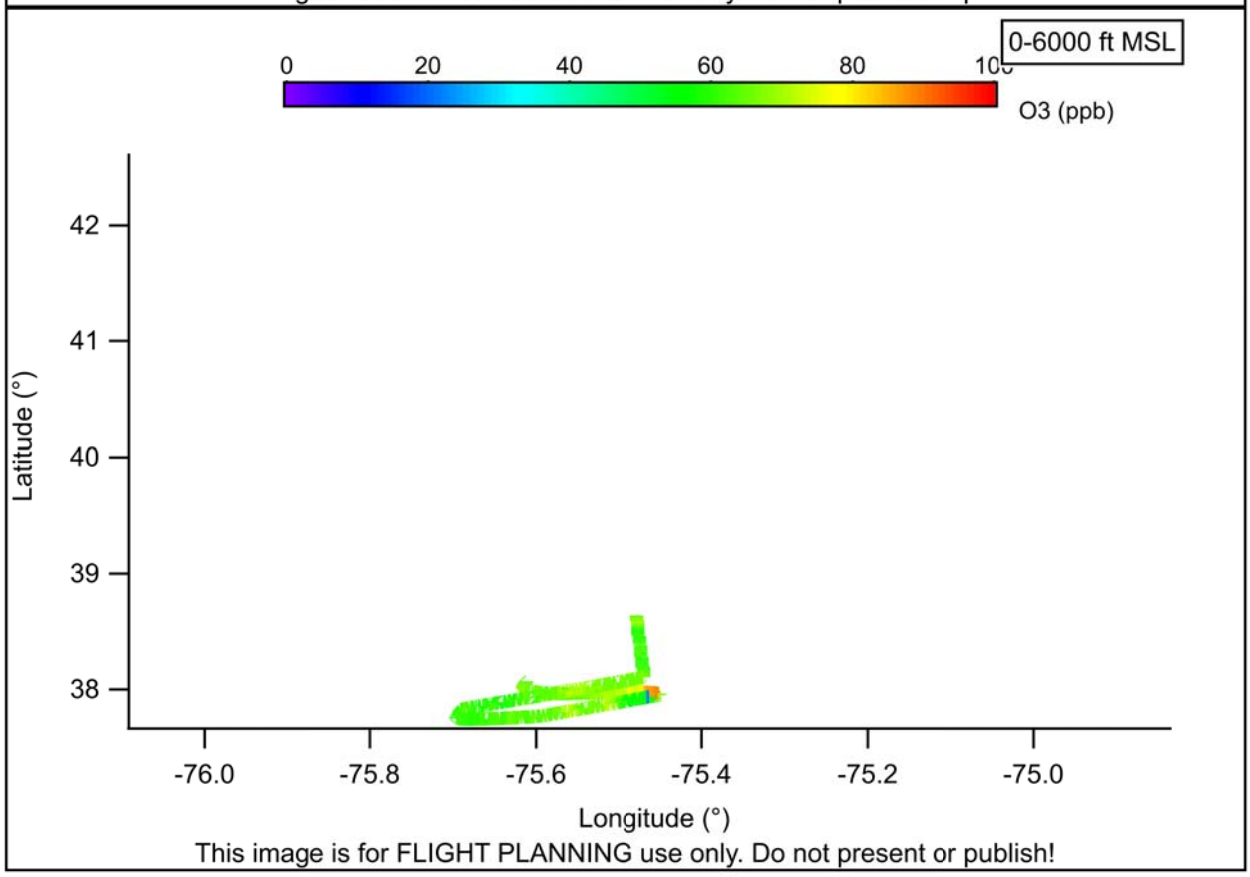
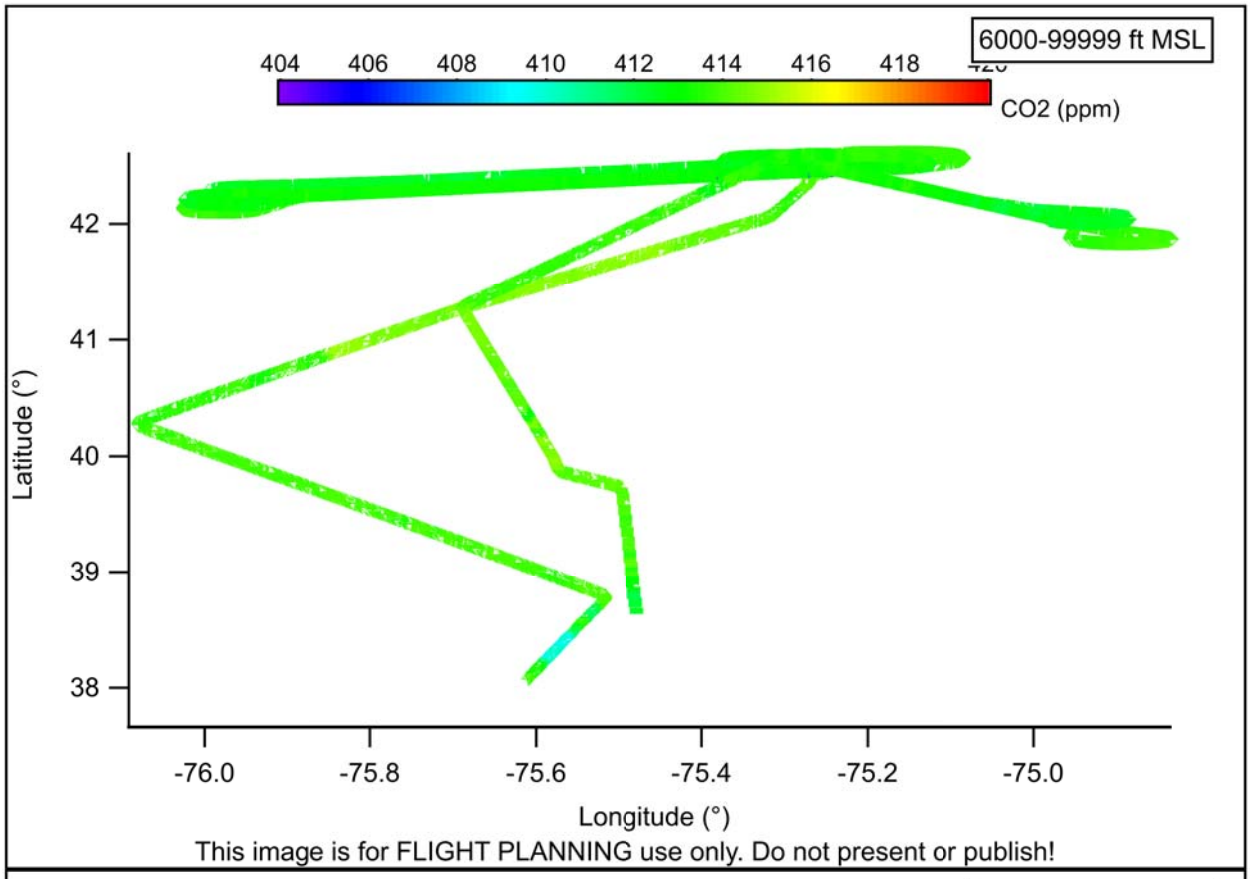
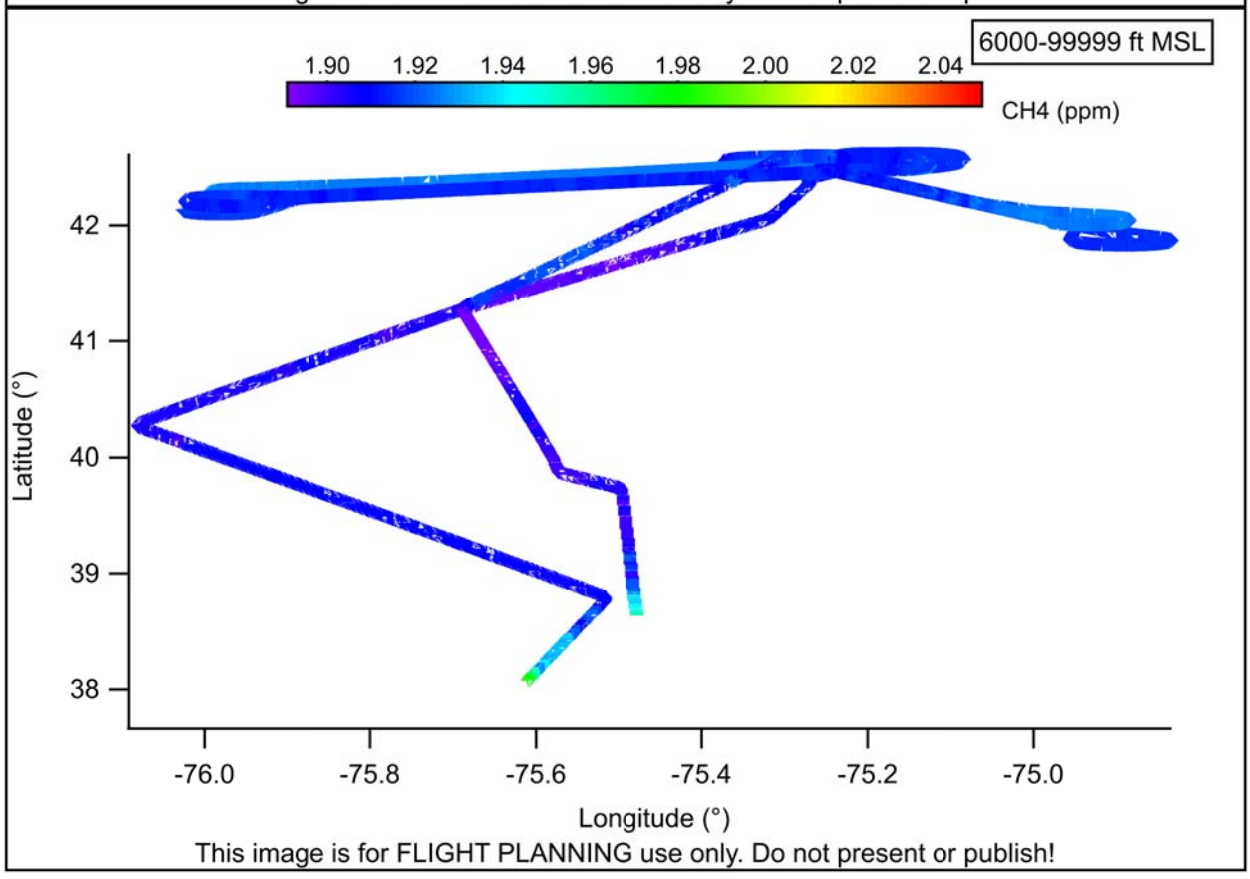
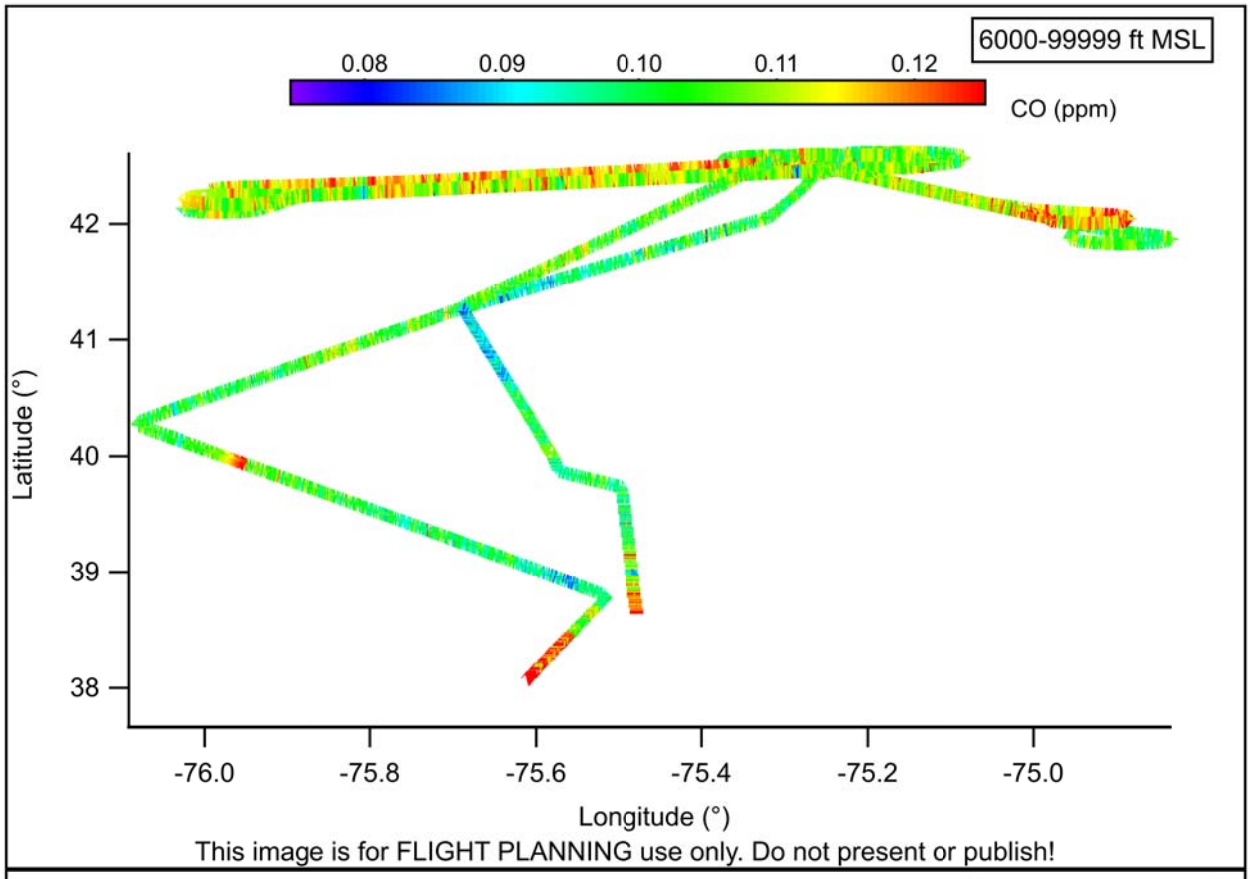
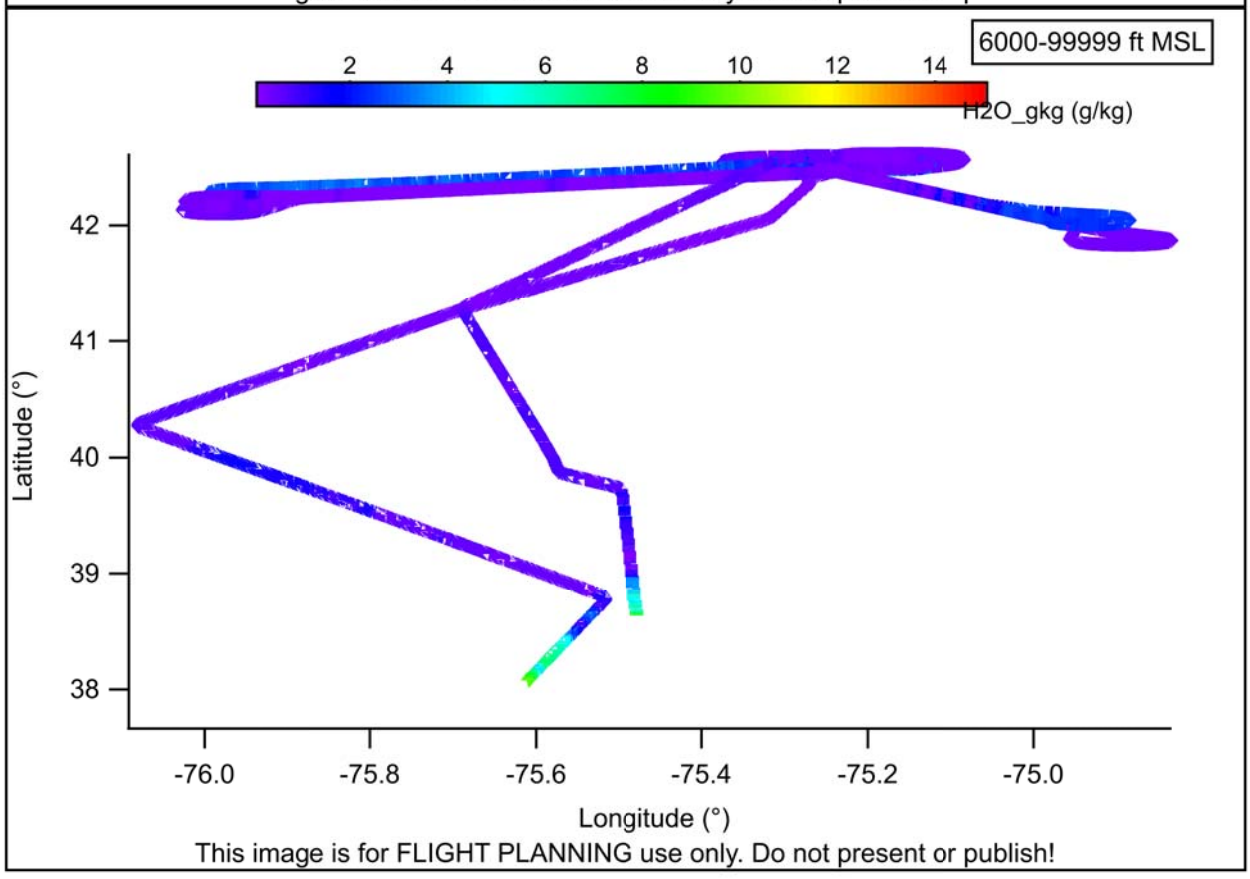

0-6000 ft MSL
0
20
40
60
80
O3 (ppb)
Latitude (°)
42
41
40
39
38
-76.0
-75.8
-75.6
-75.4
-75.2
-75.0
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
404 406 408 410 412 414 416 418
CO2 (ppm)
42
41
40
39
38
Latitude (°)
-76.0 -75.8 -75.6 -75.4 -75.2 -75.0
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
1.90 1.92 1.94 1.96 1.98 2.00 2.02 2.04
CH4 (ppm)
42
41
40
39
38
Latitude (°)
-76.0 -75.8 -75.6 -75.4 -75.2 -75.0
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)
Latitude (°)
42
41
40
39
38
-76.0
-75.8
-75.6
-75.4
-75.2
-75.0
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
2
4
6
8
10
12
14
H2O_gkg (g/kg)
Latitude (°)
42
41
40
39
38
-76.0
-75.8
-75.6
-75.4
-75.2
-75.0
Longitude (°)
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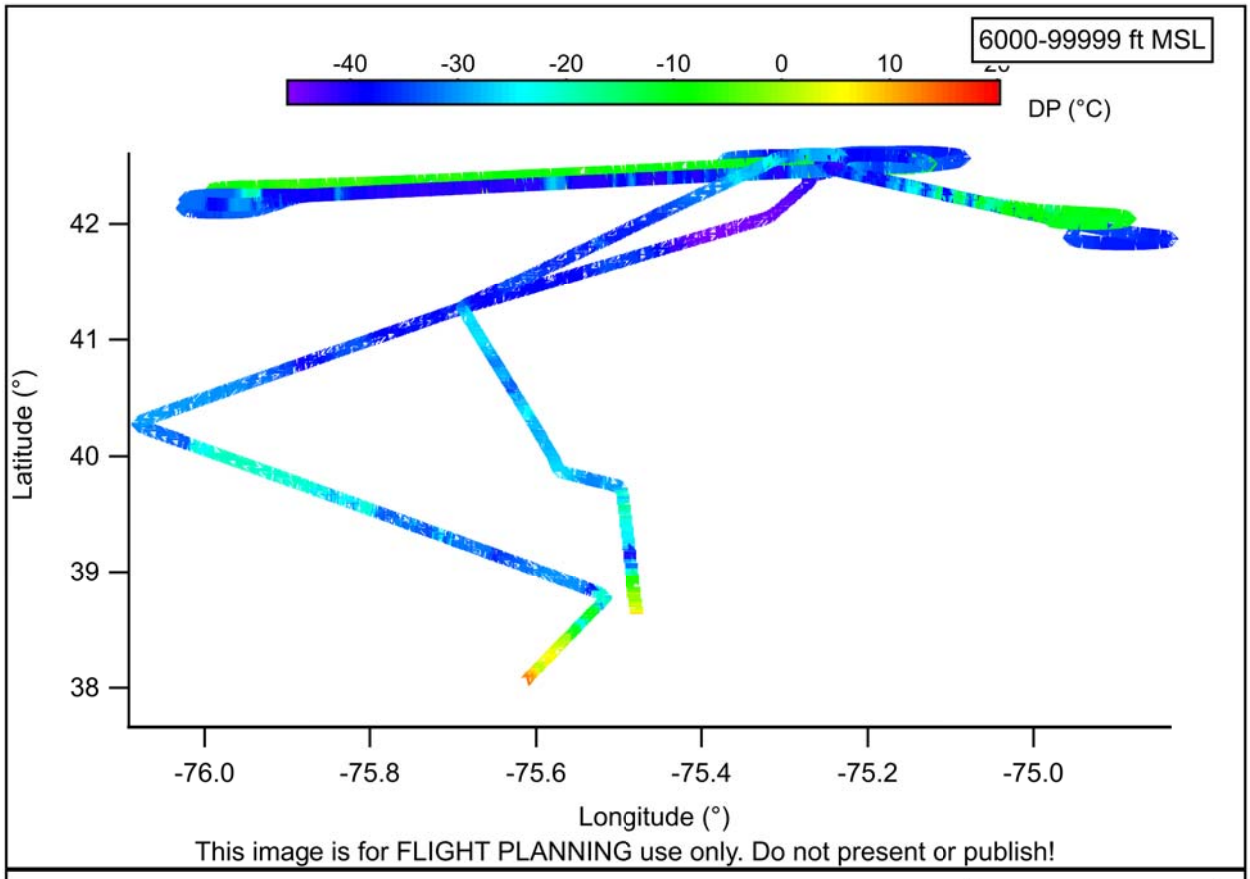
6000-99999 ft MSL
-40 -30 -20 -10 0 10
DP (°C)
42
41
40
39
38
Latitude (°)
-76.0 -75.8 -75.6 -75.4 -75.2 -75.0
Longitude (°)
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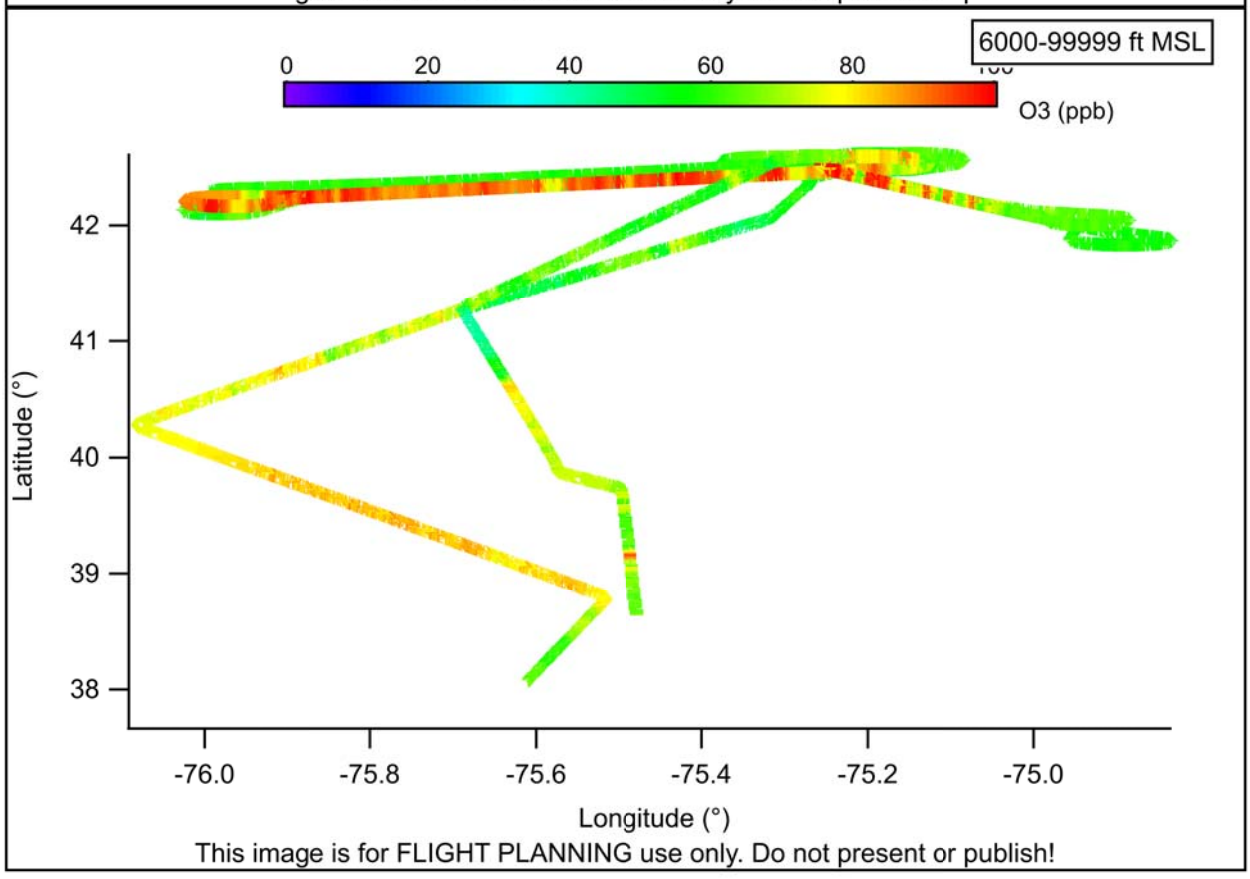
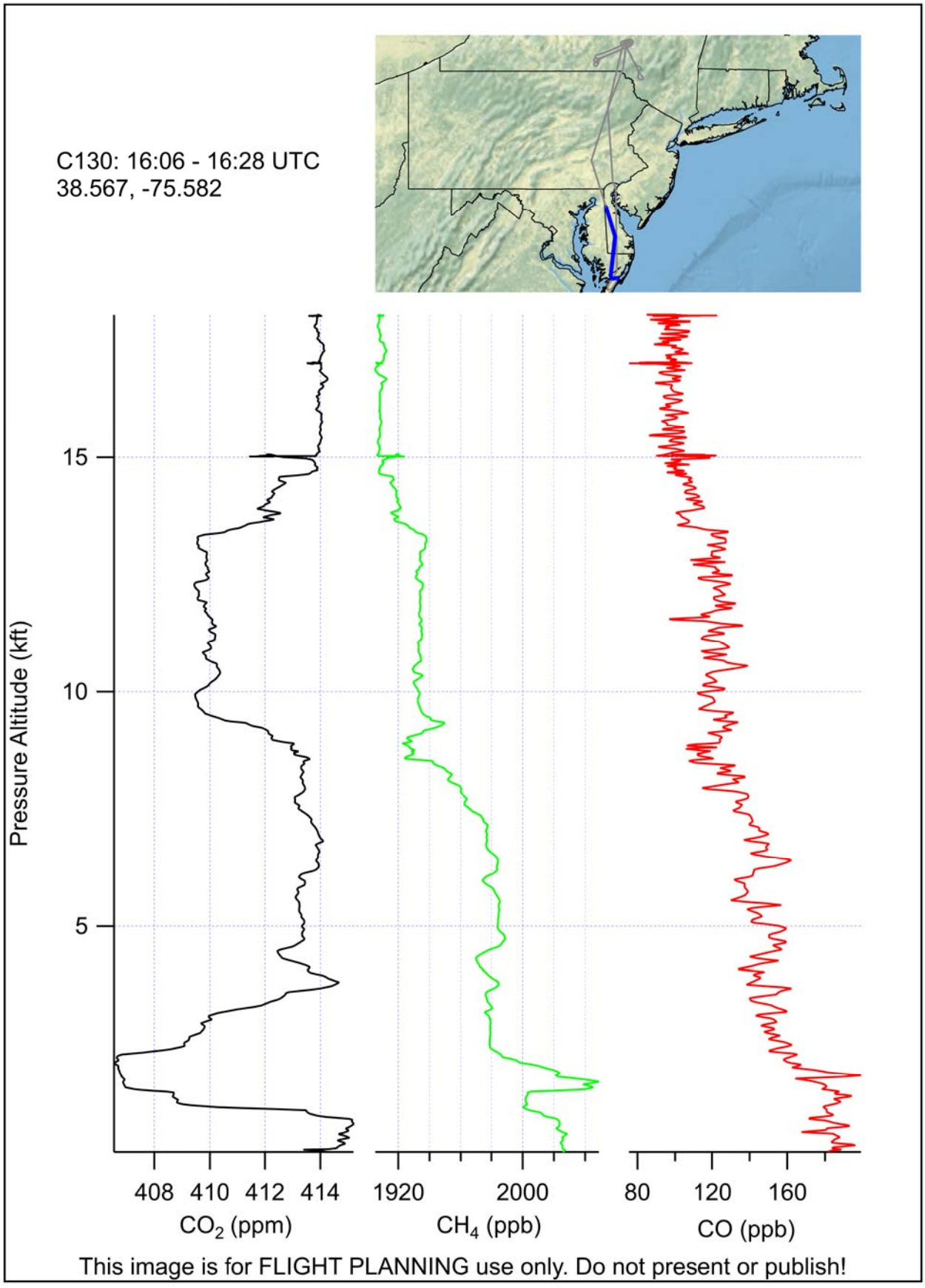
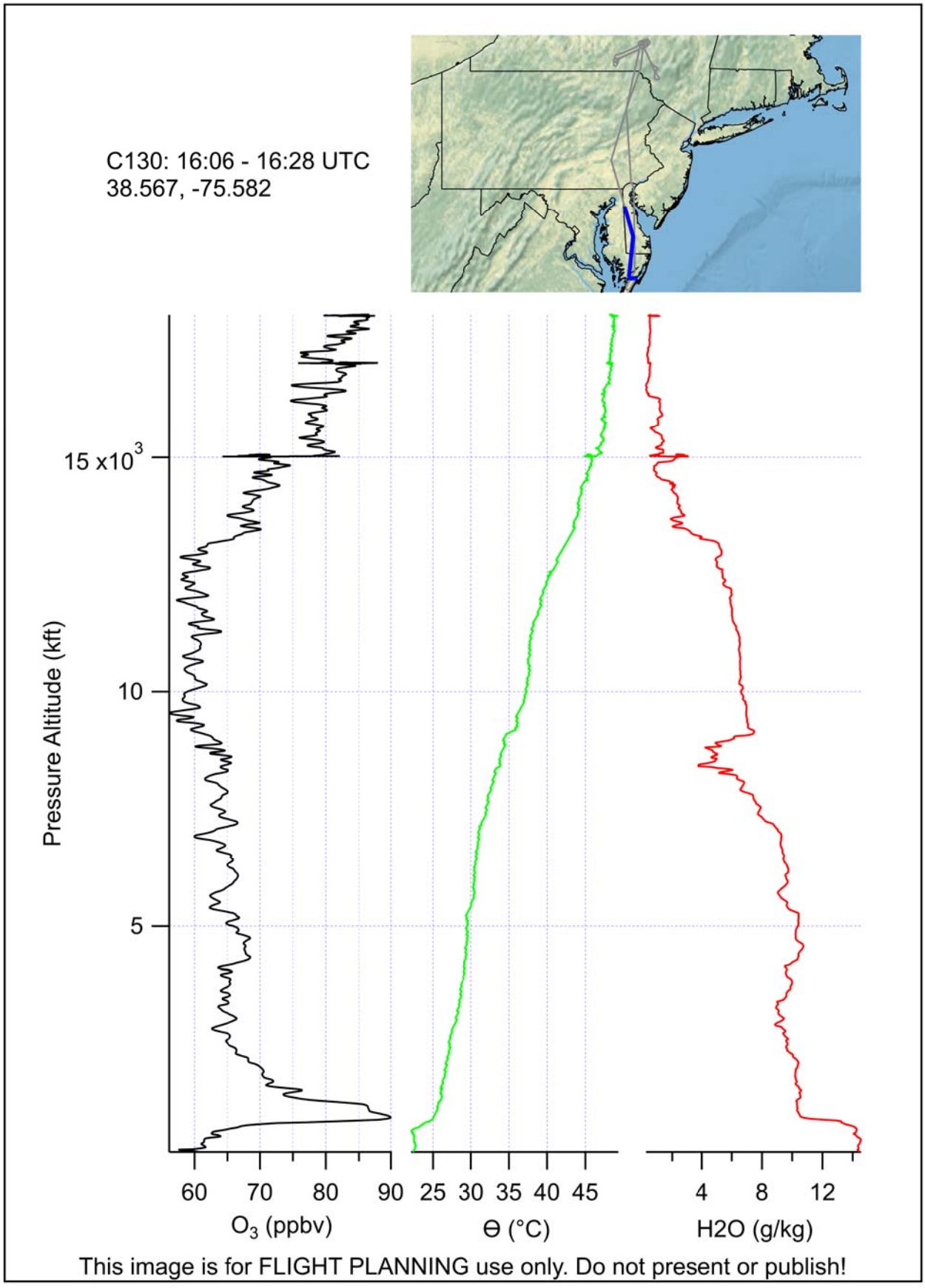

6000-99999 ft MSL
0 20 40 60 80
O3 (ppb)
42
41
40
39
38
Latitude (°)
-76.0 -75.8 -75.6 -75.4 -75.2 -75.0
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:06 - 16:28 UTC
38.567, -75.582
Pressure Altitude (kft)
15
10
5
408 410 412 414
CO2 (ppm)
1920 2000
CH4 (ppb)
80 120 160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:06 - 16:28 UTC
38.567, -75.582
Pressure Altitude (kft)
15 x10^3
10
5
60 70 80 90
O3 (ppbv)
25 30 35 40 45
Θ (°C)
4 8 12
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!