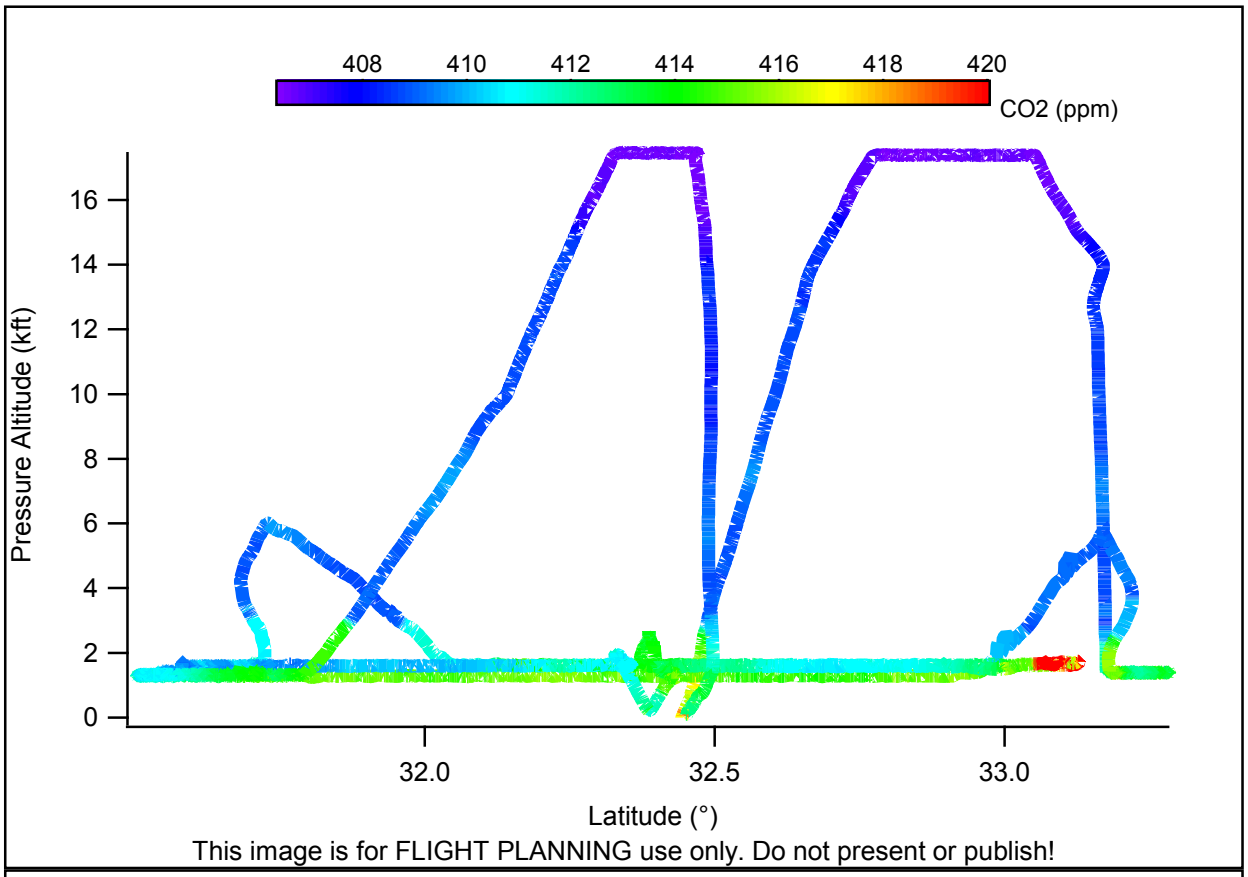
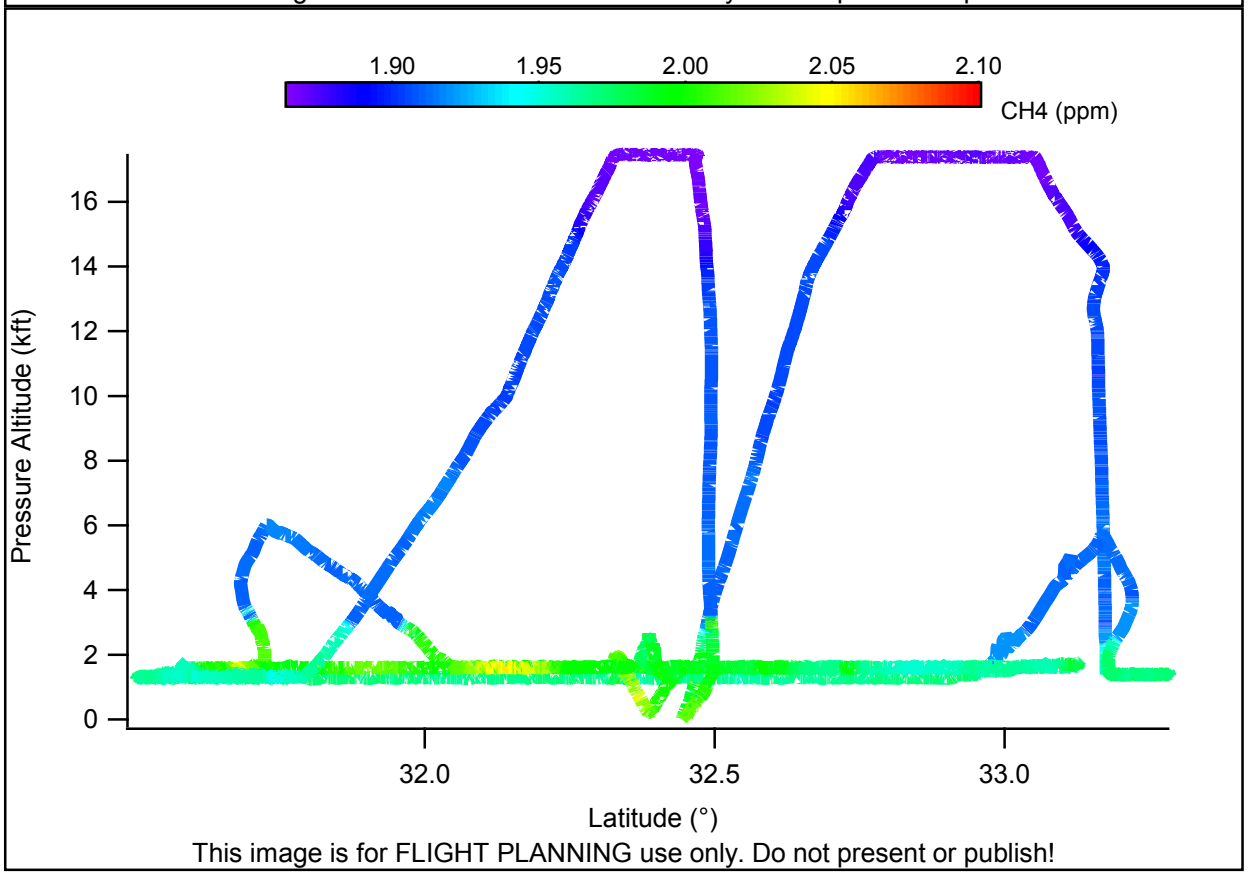
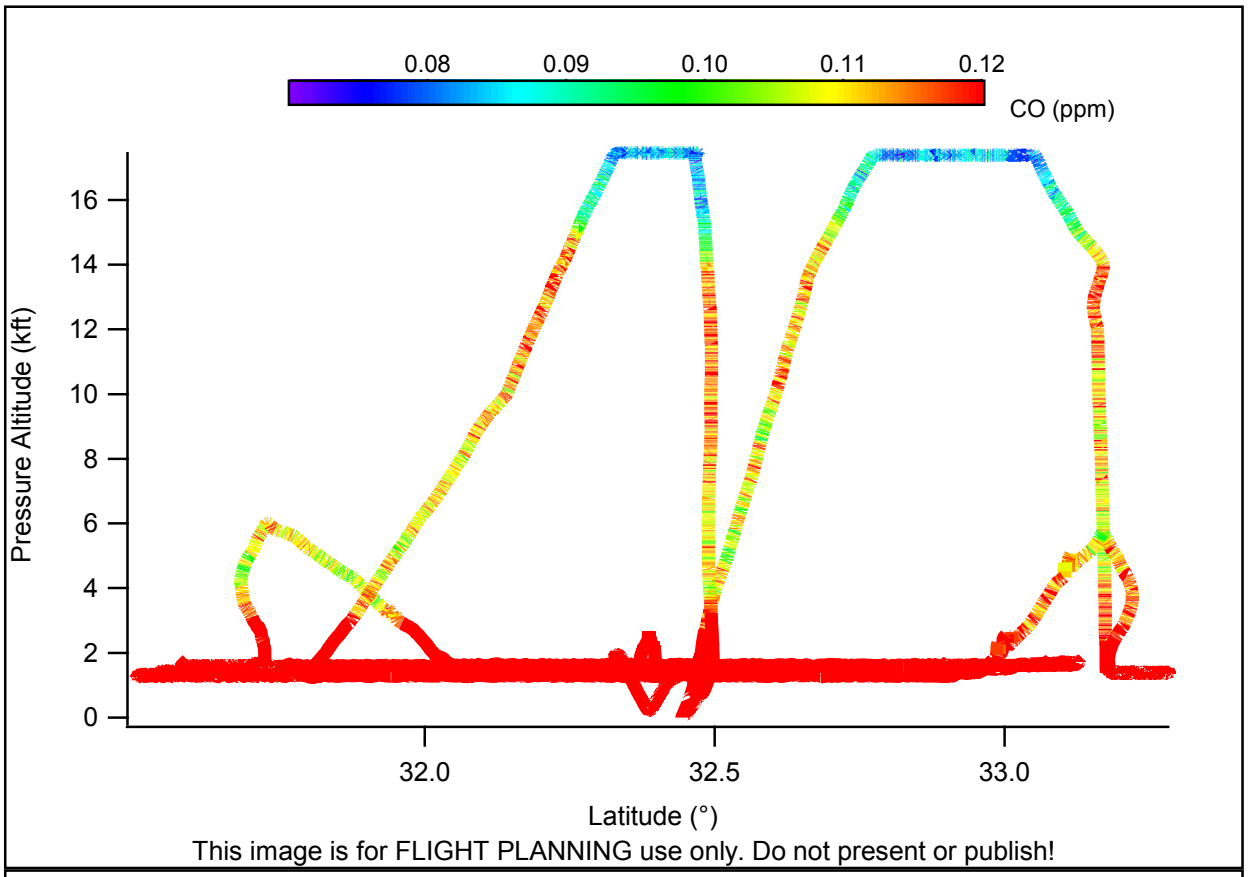
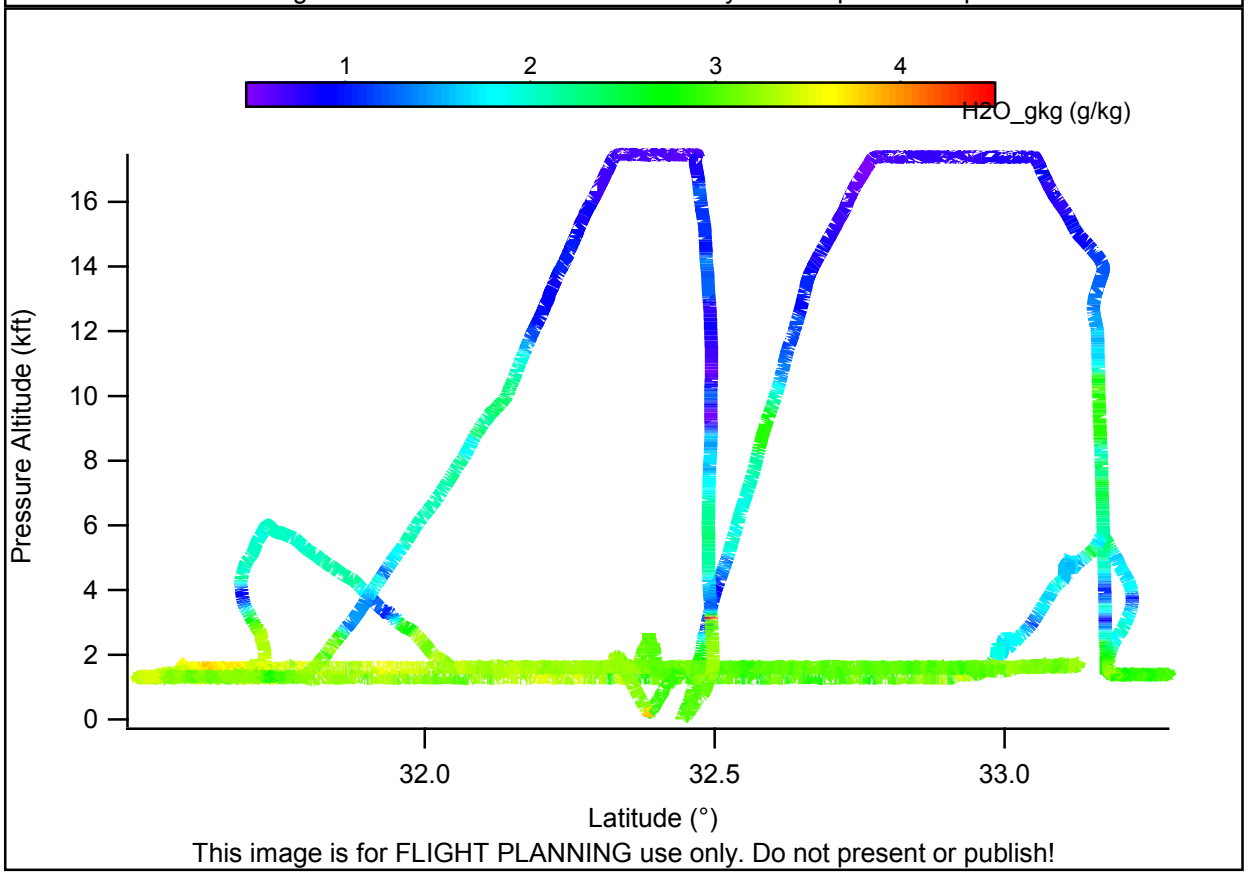
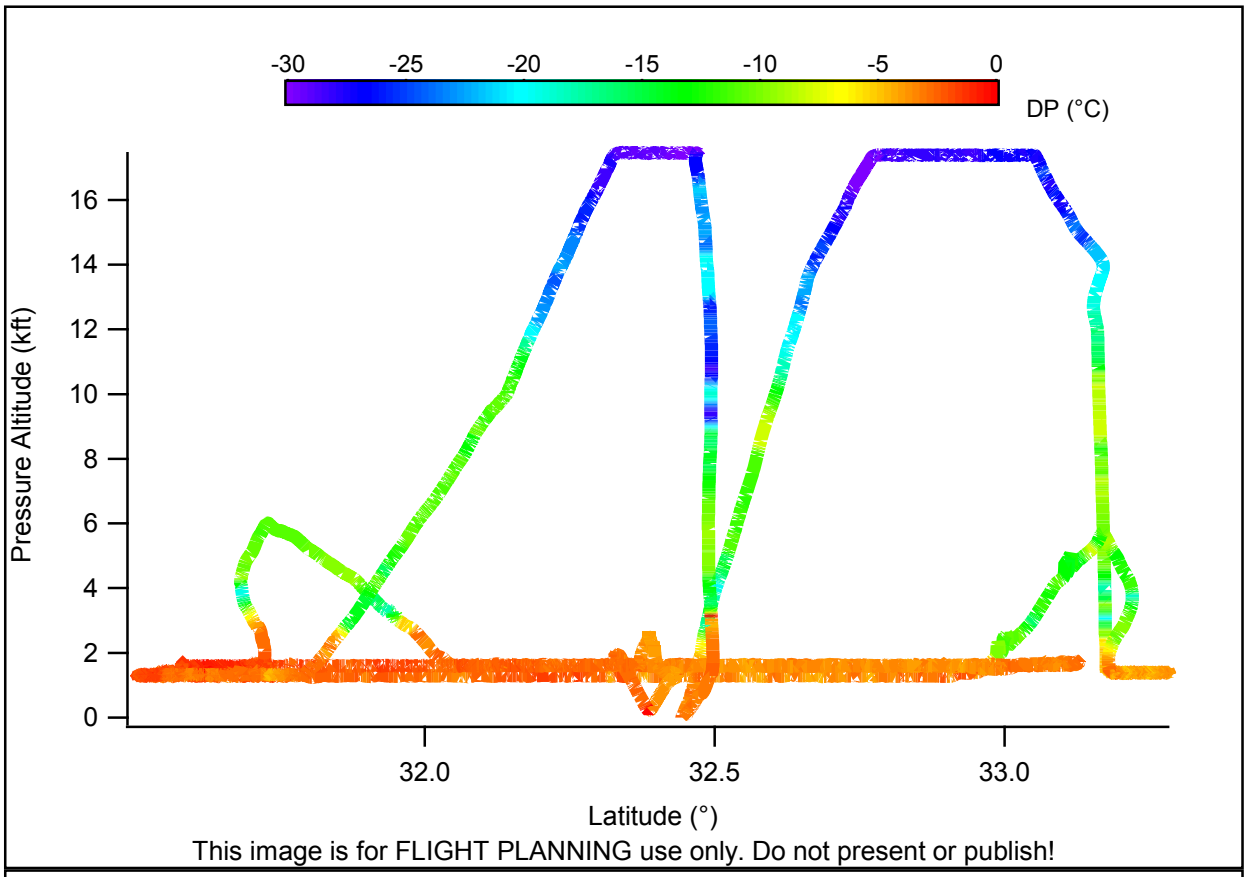
ACT-America 20170209


408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
32.0
32.5
33.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

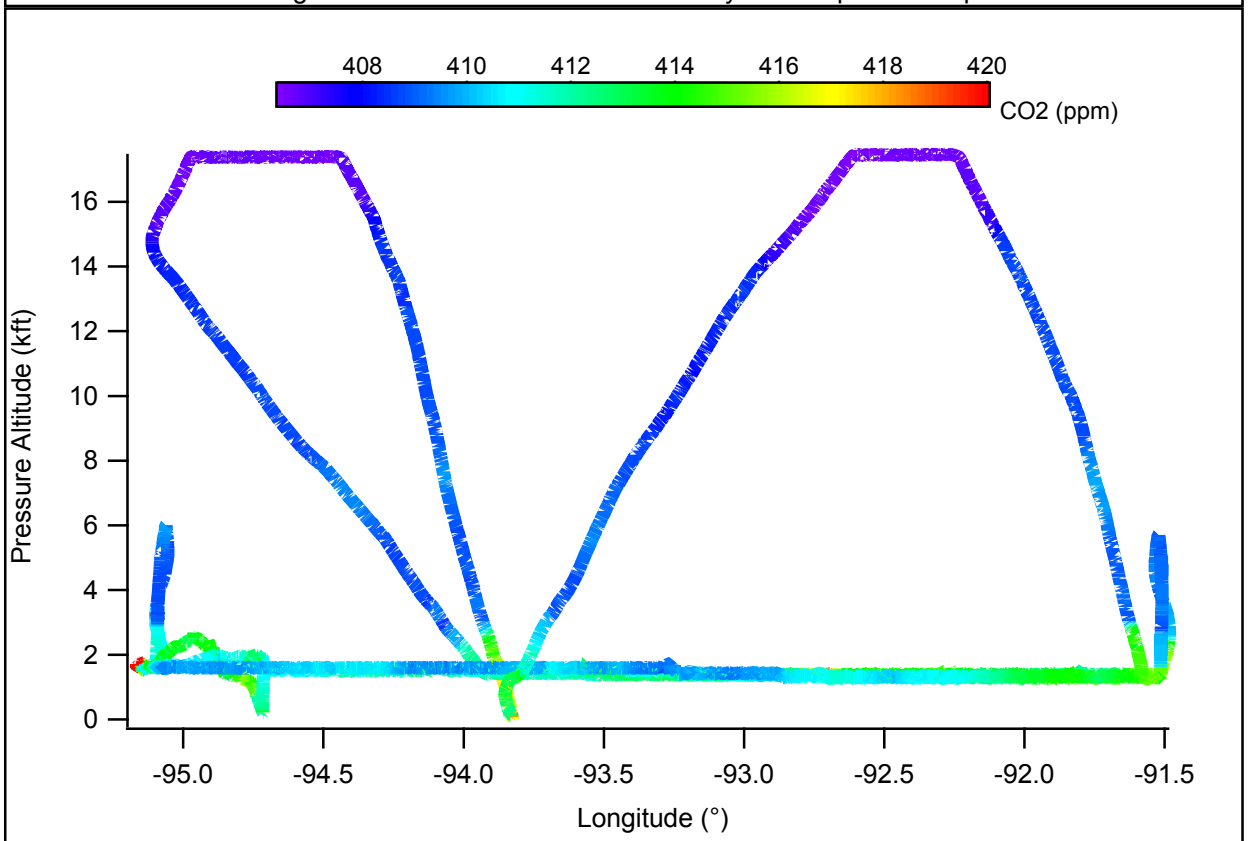

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
32.0
32.5
33.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
32.0
32.5
33.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

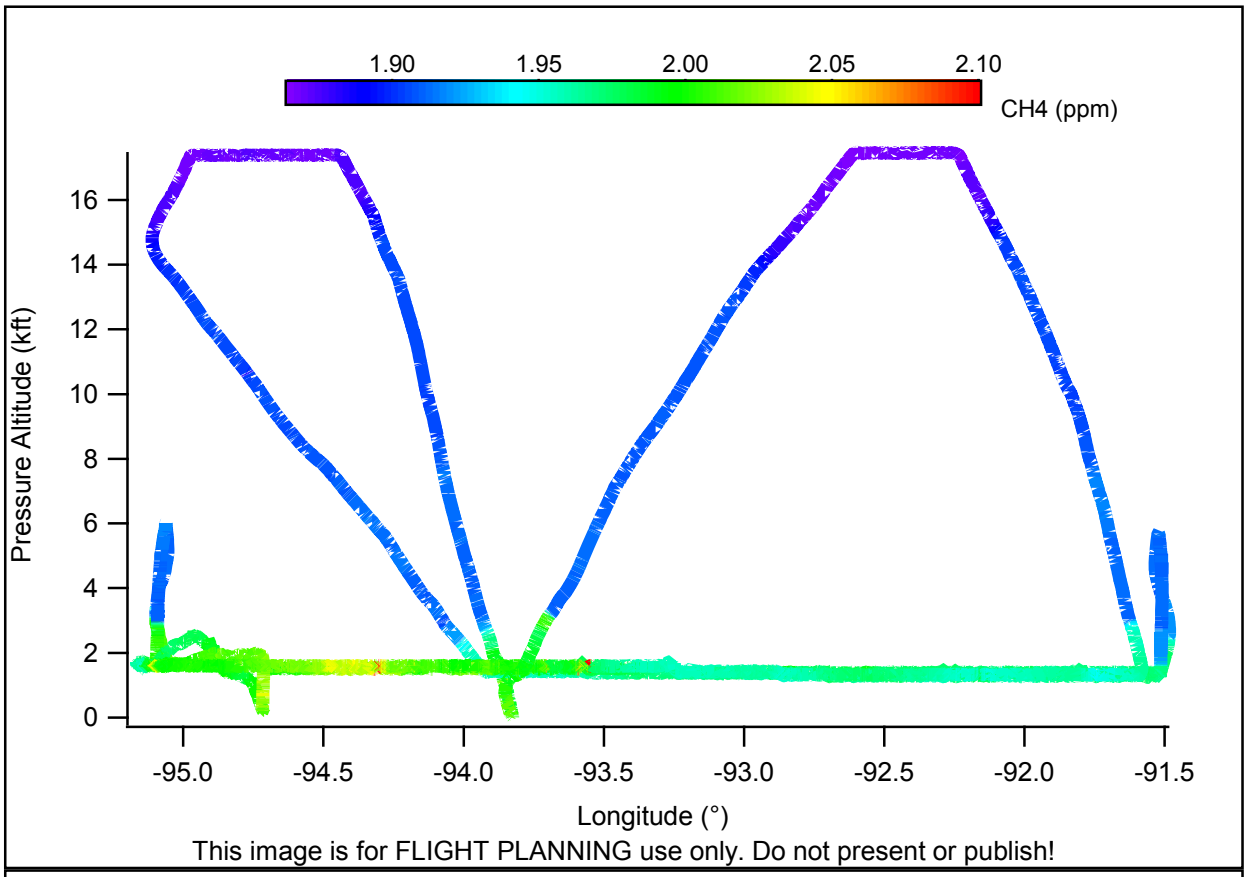

1
2
3
4
H2O_gkg (g/kg)
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
32.0
32.5
33.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

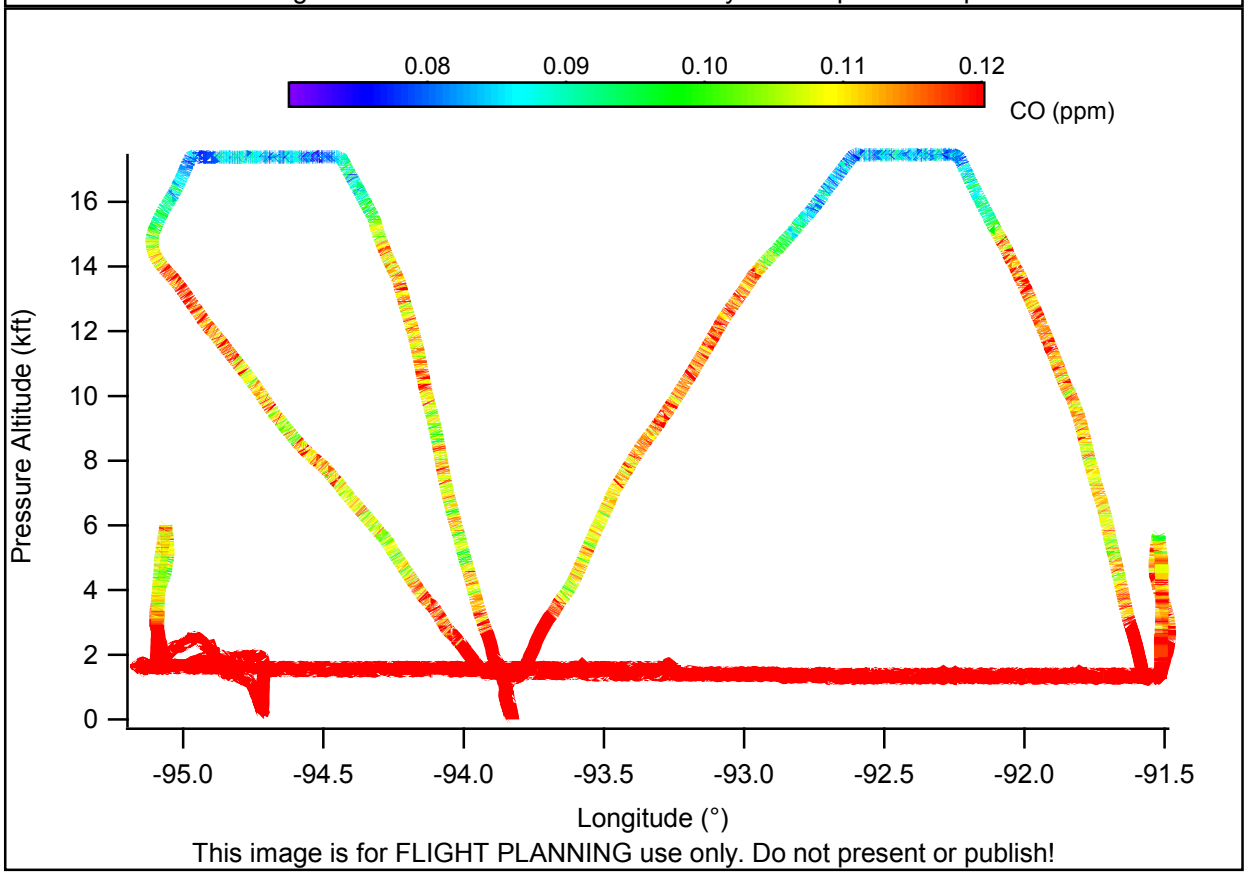


This image is for FLIGHT PLANNING use only. Do not present or publish!



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


1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
-95.0
-94.5
-94.0
-93.5
-93.0
-92.5
-92.0
-91.5
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)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
-95.0
-94.5
-94.0
-93.5
-93.0
-92.5
-92.0
-91.5
Longitude (°)
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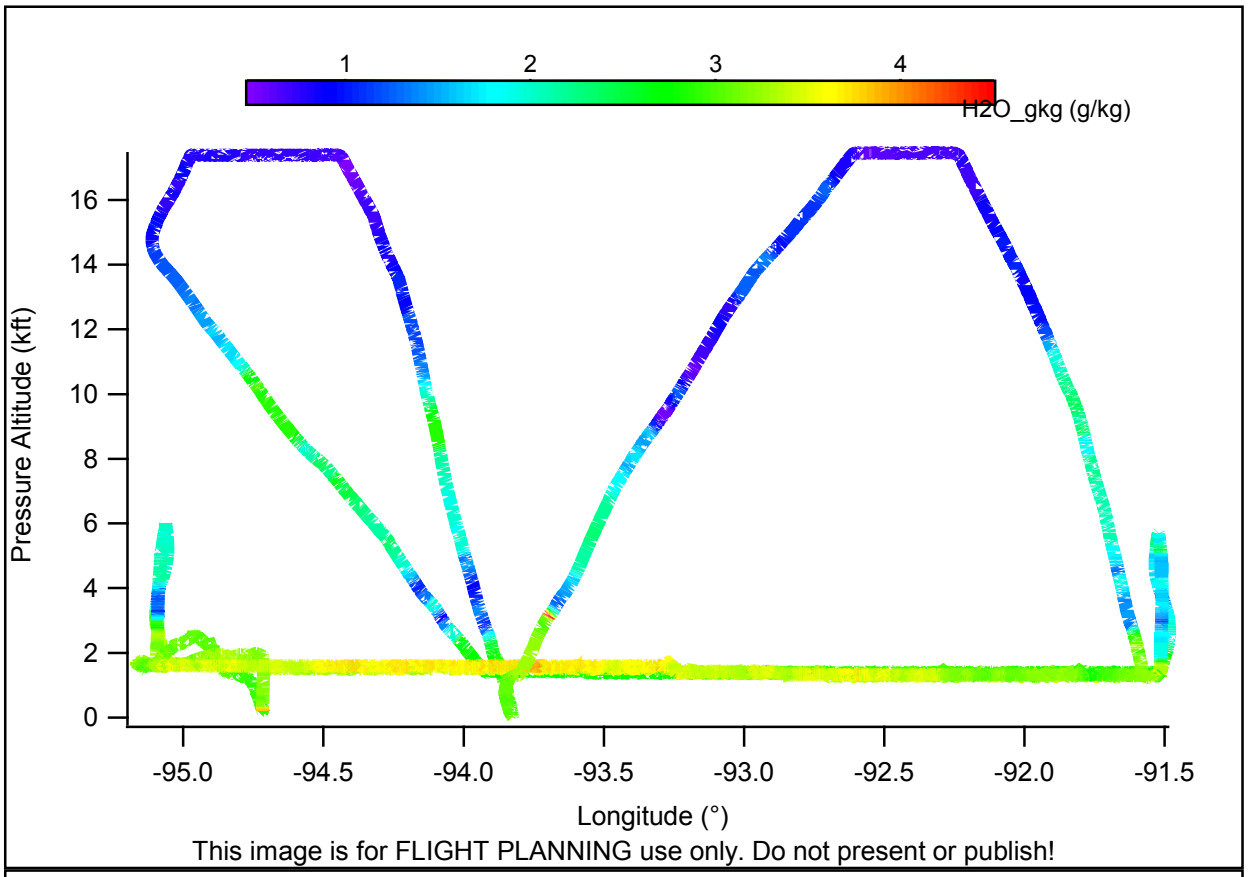
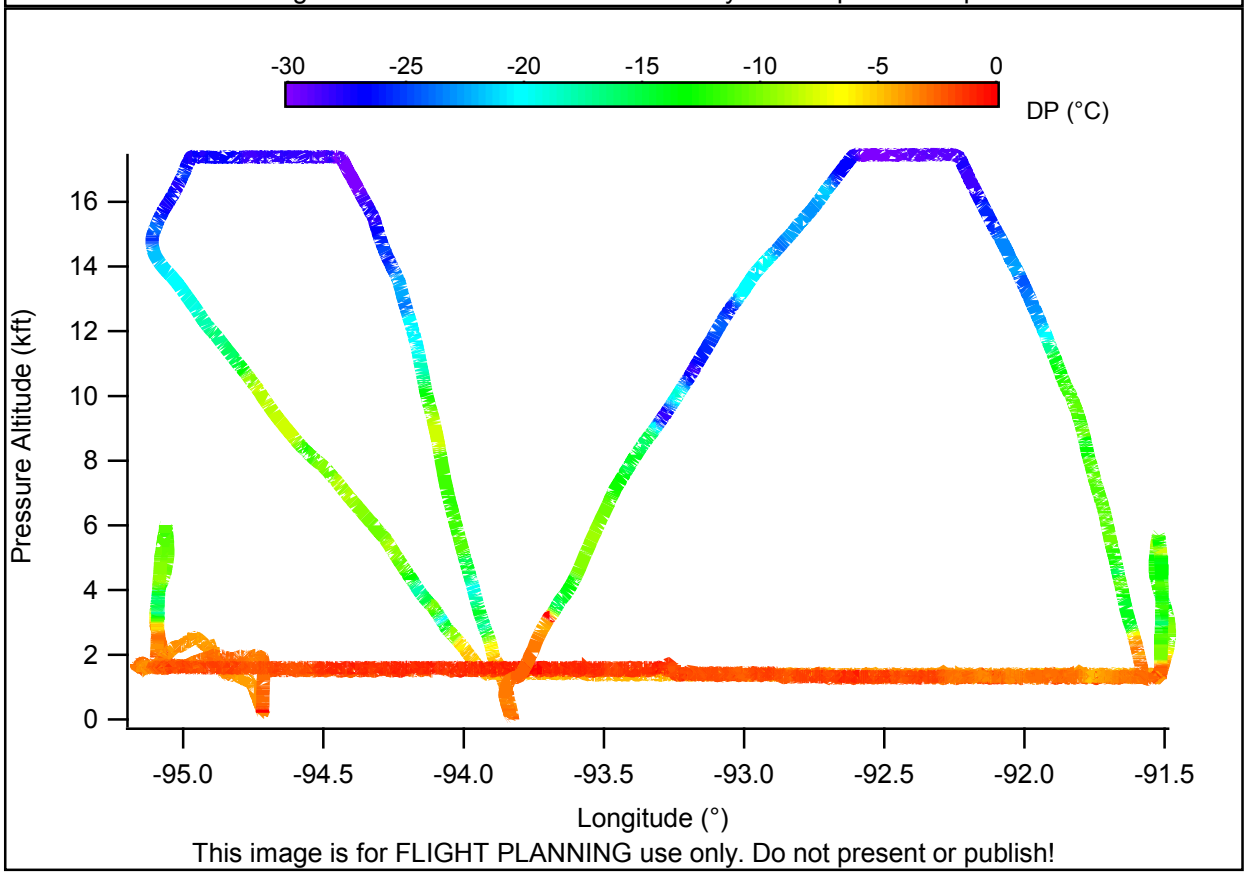
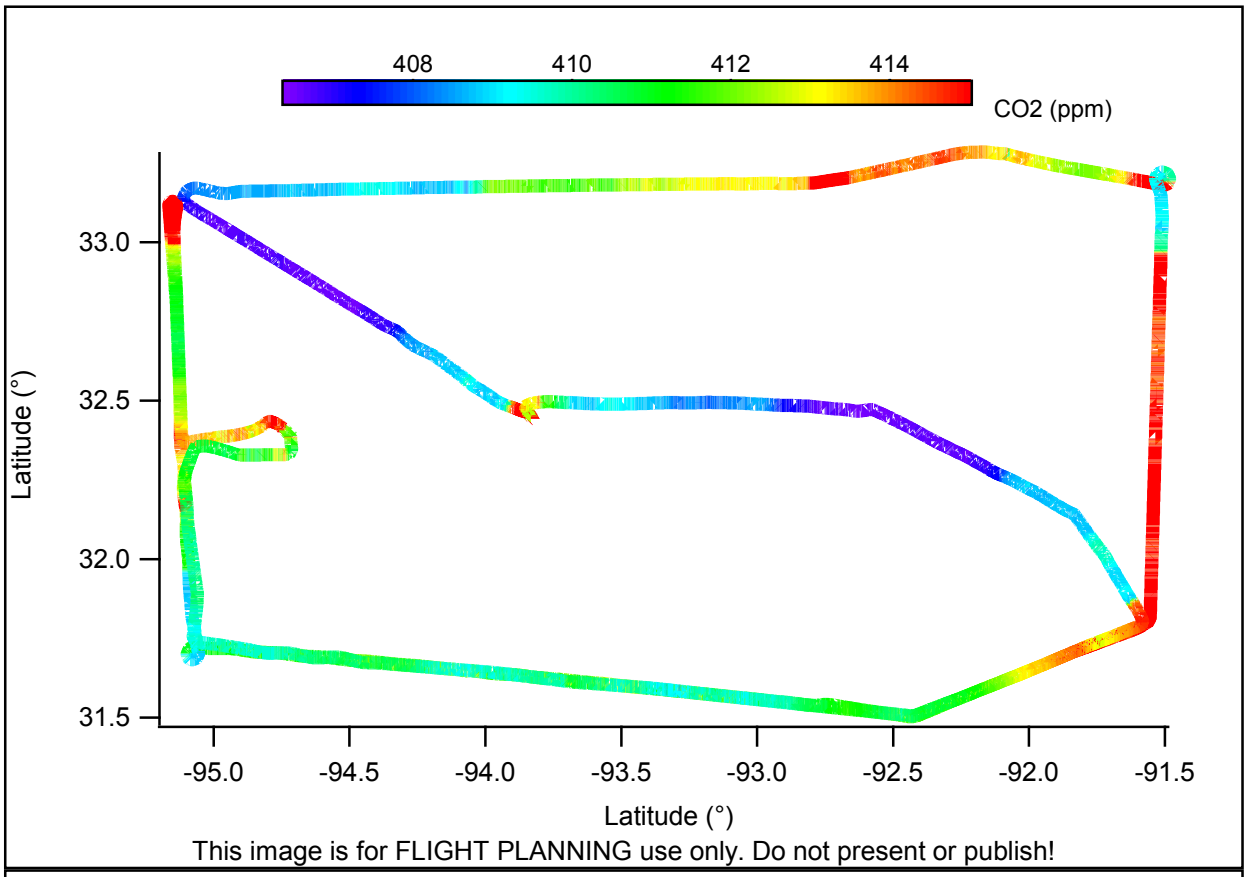
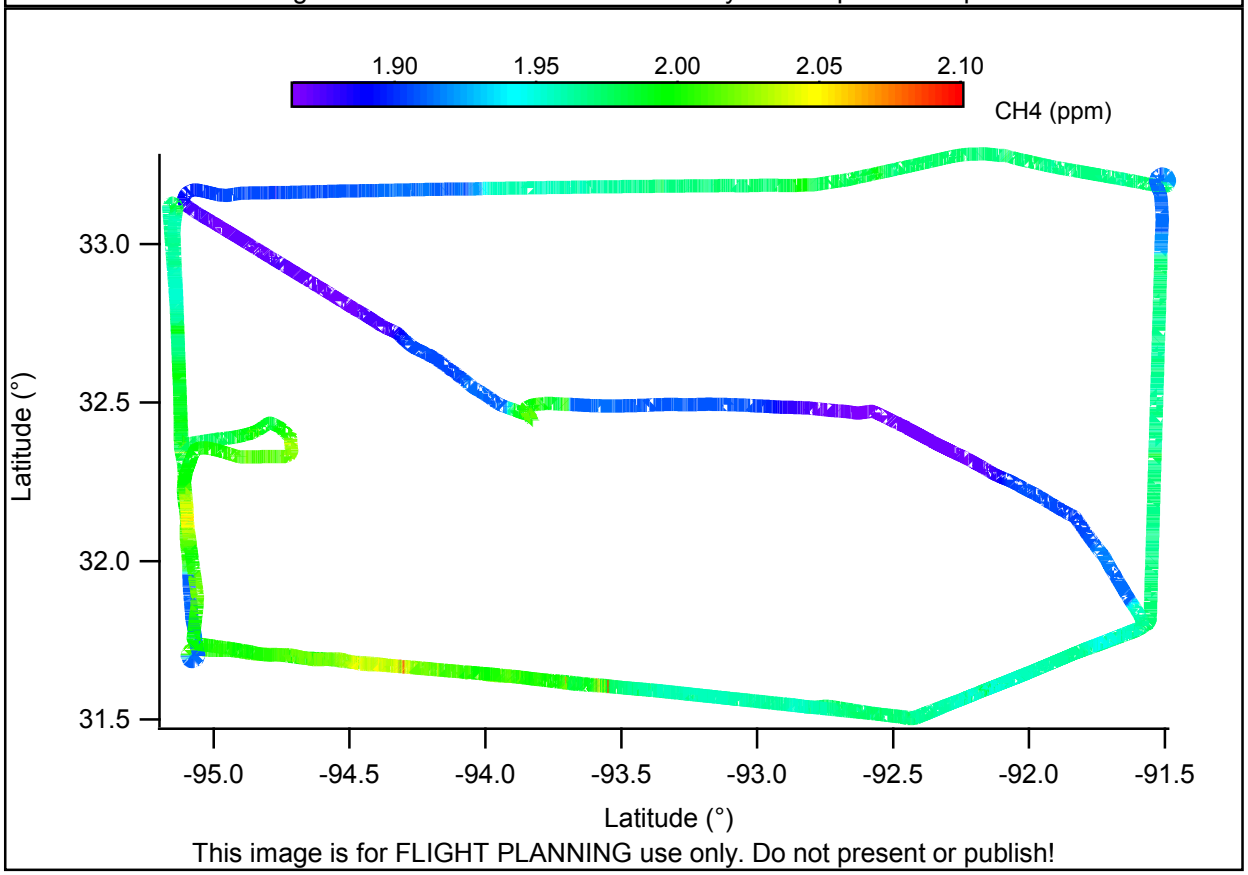

1
2
3
4
H2O_gkg (g/kg)
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
-95.0
-94.5
-94.0
-93.5
-93.0
-92.5
-92.0
-91.5
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-30
-25
-20
-15
-10
-5
0
DP (°C)
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
-95.0
-94.5
-94.0
-93.5
-93.0
-92.5
-92.0
-91.5
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!



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



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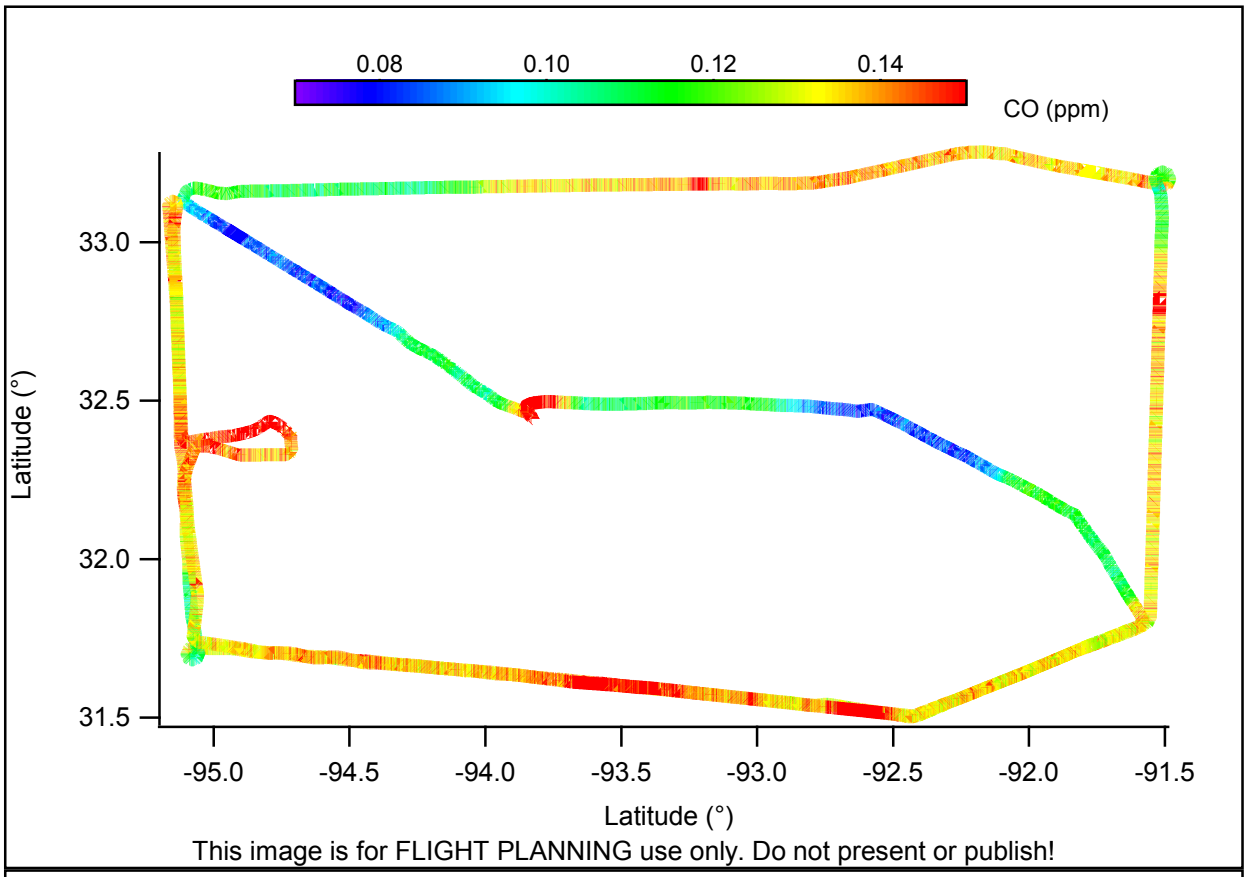
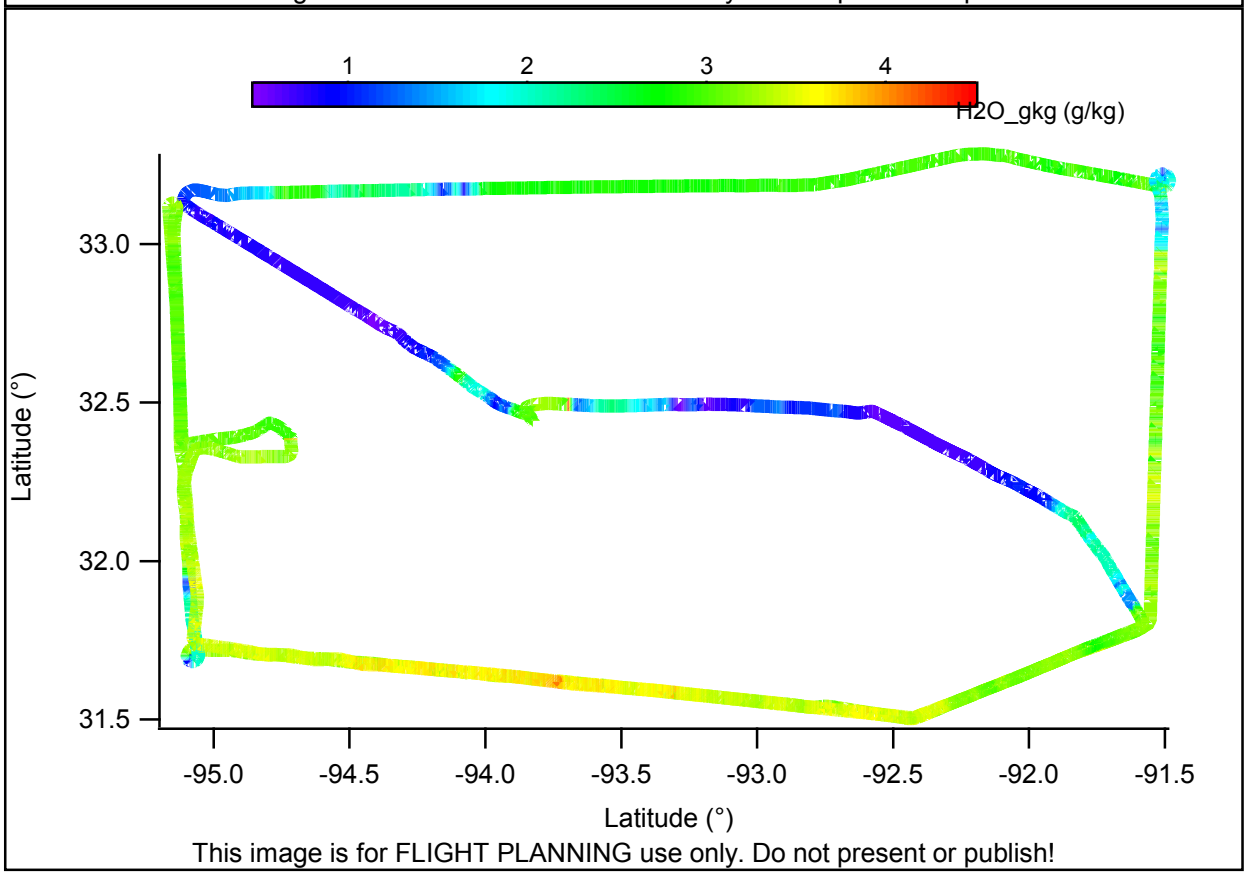
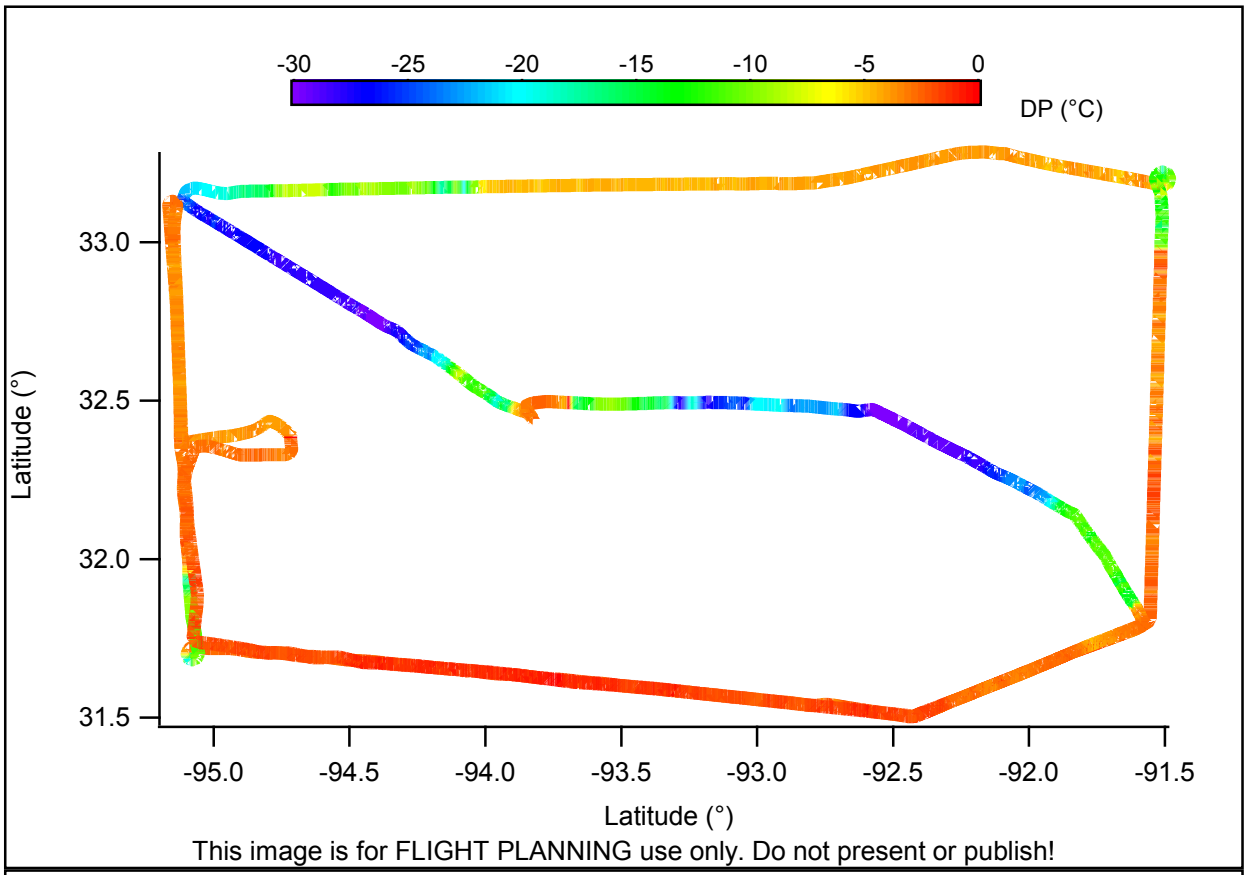
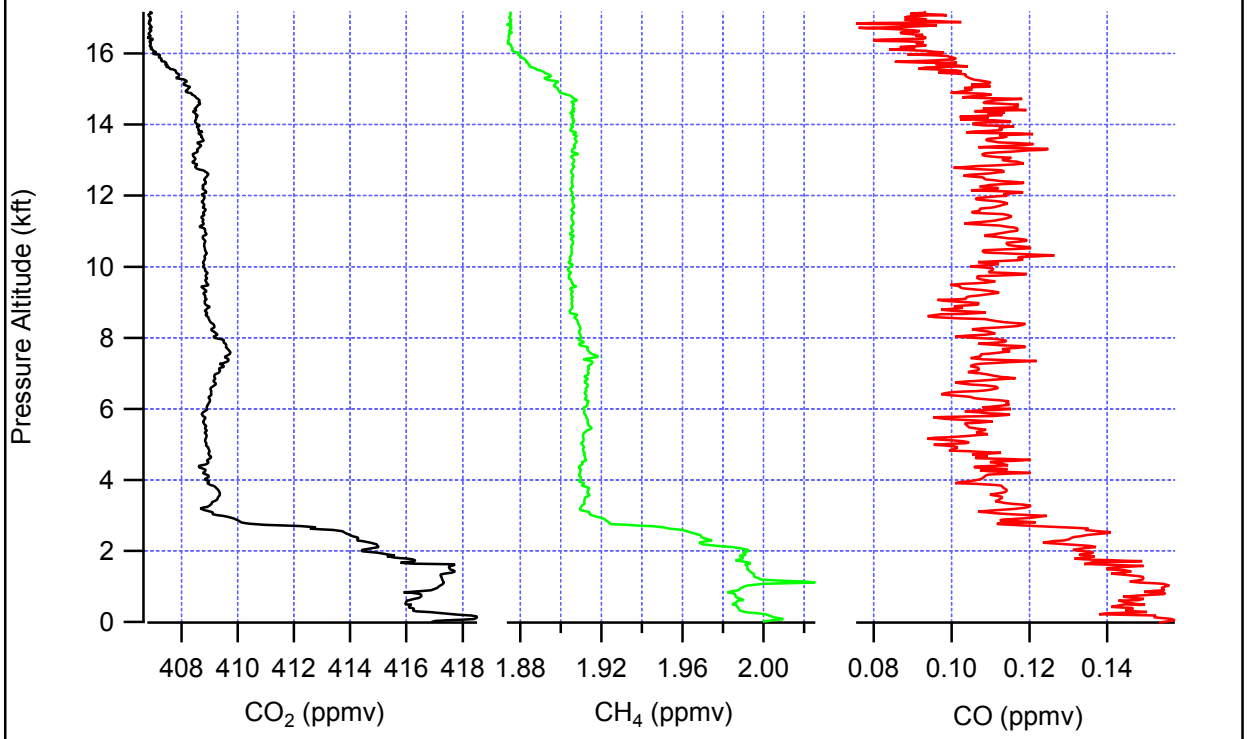

0.08
0.10
0.12
0.14
CO (ppm)
33.0
32.5
32.0
31.5
Latitude (°)
-95.0
-94.5
-94.0
-93.5
-93.0
-92.5
-92.0
-91.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1
2
3
4
H2O_gkg (g/kg)
33.0
32.5
32.0
31.5
Latitude (°)
-95.0
-94.5
-94.0
-93.5
-93.0
-92.5
-92.0
-91.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!



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

B200_L1: 16:58 - 17:12 UTC
32.598, -94.121



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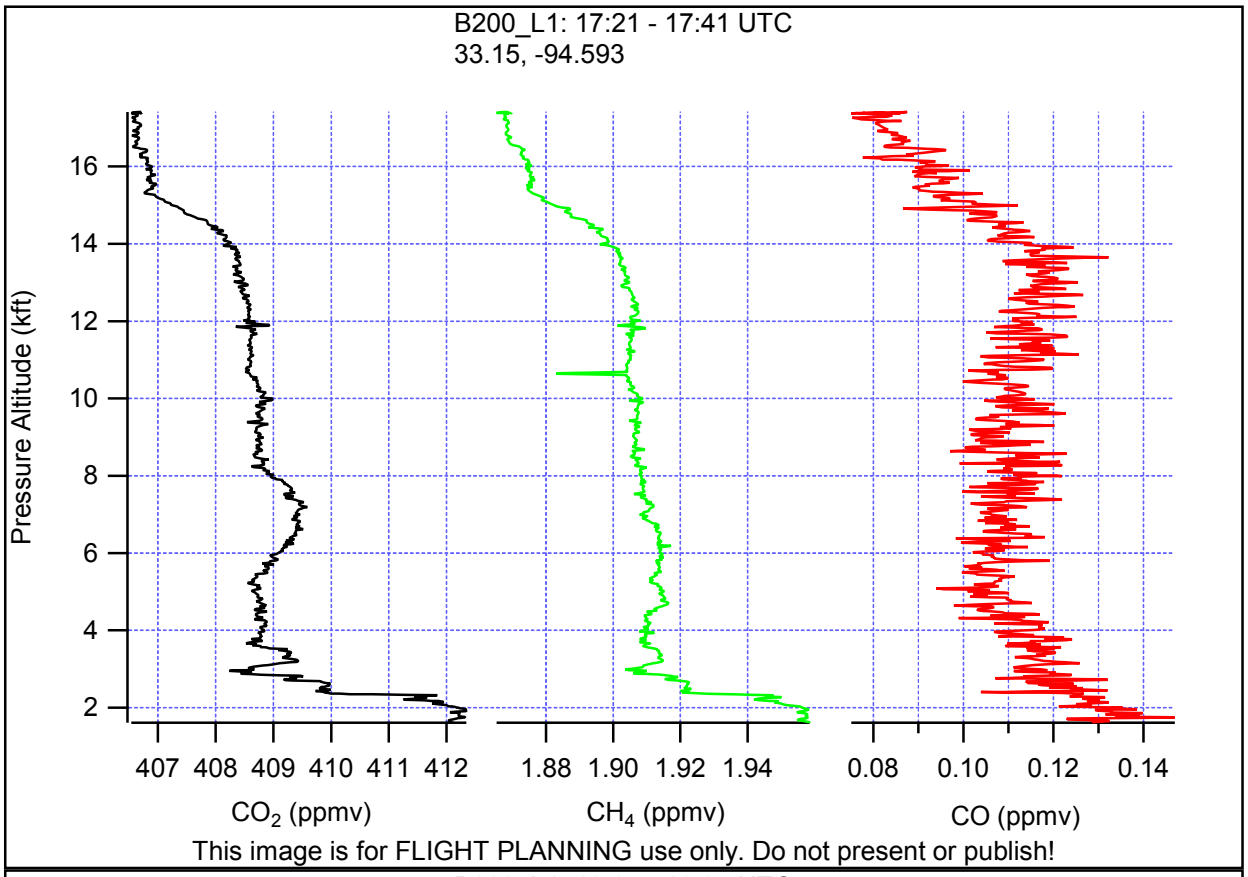
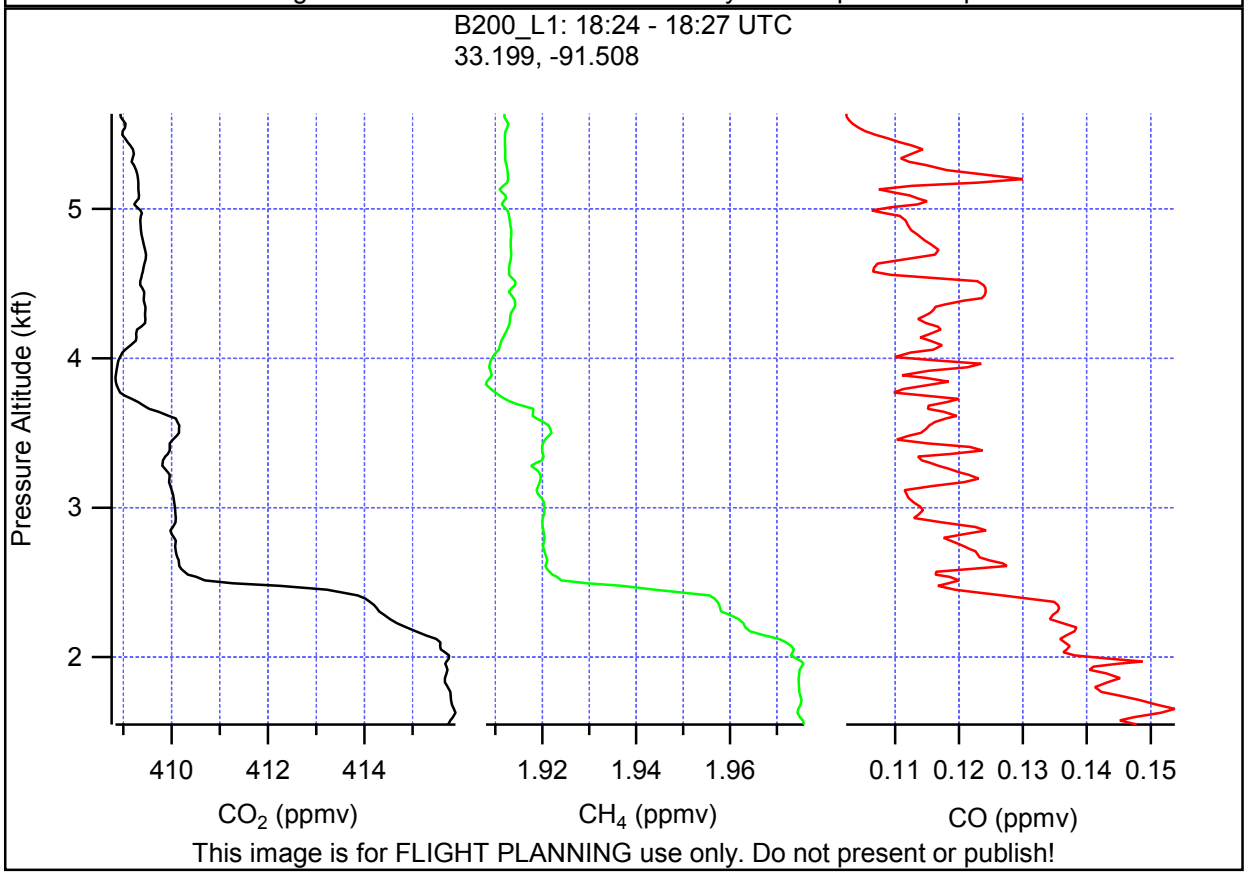

B200_L1: 17:21 - 17:41 UTC
33.15, -94.593
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
407 408 409 410 411 412
CO2 (ppmv)
1.88 1.90 1.92 1.94
CH4 (ppmv)
0.08 0.10 0.12 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 18:24 - 18:27 UTC
33.199, -91.508
Pressure Altitude (kft)
5
4
3
2
410 412 414
CO2 (ppmv)
1.92 1.94 1.96
CH4 (ppmv)
0.11 0.12 0.13 0.14 0.15
CO (ppmv)
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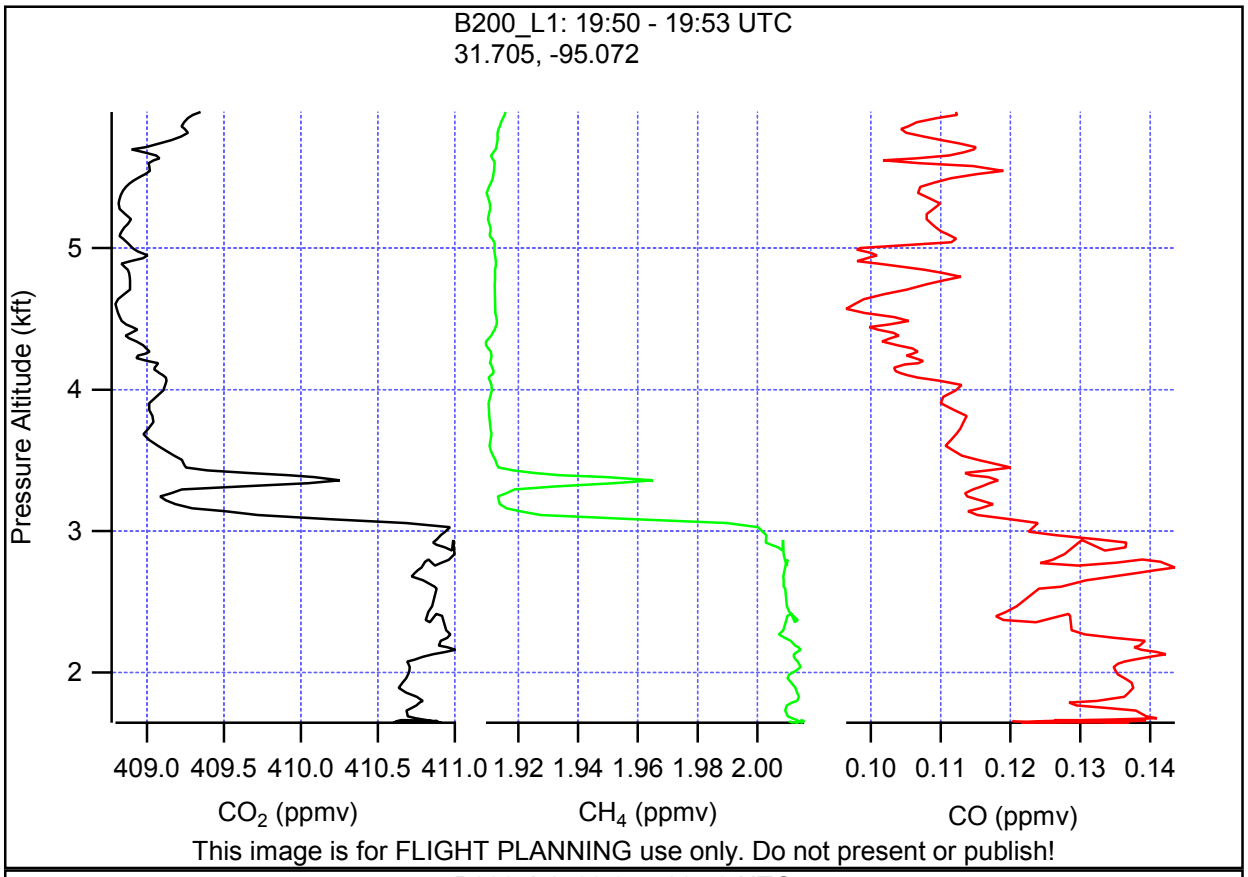
B200_L1: 19:50 - 19:53 UTC
31.705, -95.072
Pressure Altitude (kft)
5
4
3
2
409.0 409.5 410.0 410.5 411.0
CO2 (ppmv)
1.92 1.94 1.96 1.98 2.00
CH4 (ppmv)
0.10 0.11 0.12 0.13 0.14
CO (ppmv)
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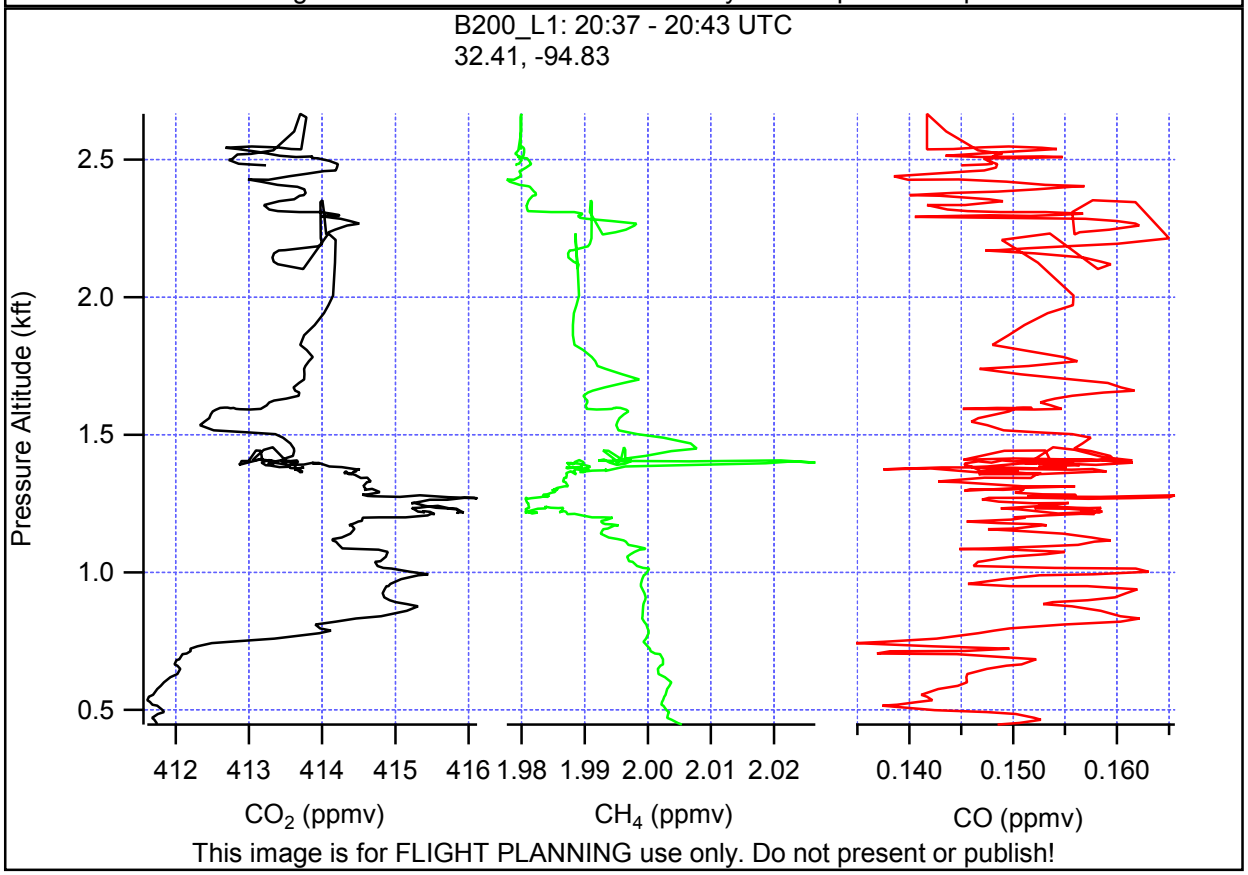
B200_L1: 20:37 - 20:43 UTC
32.41, -94.83
Pressure Altitude (kft)
2.5
2.0
1.5
1.0
0.5
412 413 414 415 416
CO2 (ppmv)
1.98 1.99 2.00 2.01 2.02
CH4 (ppmv)
0.140 0.150 0.160
CO (ppmv)
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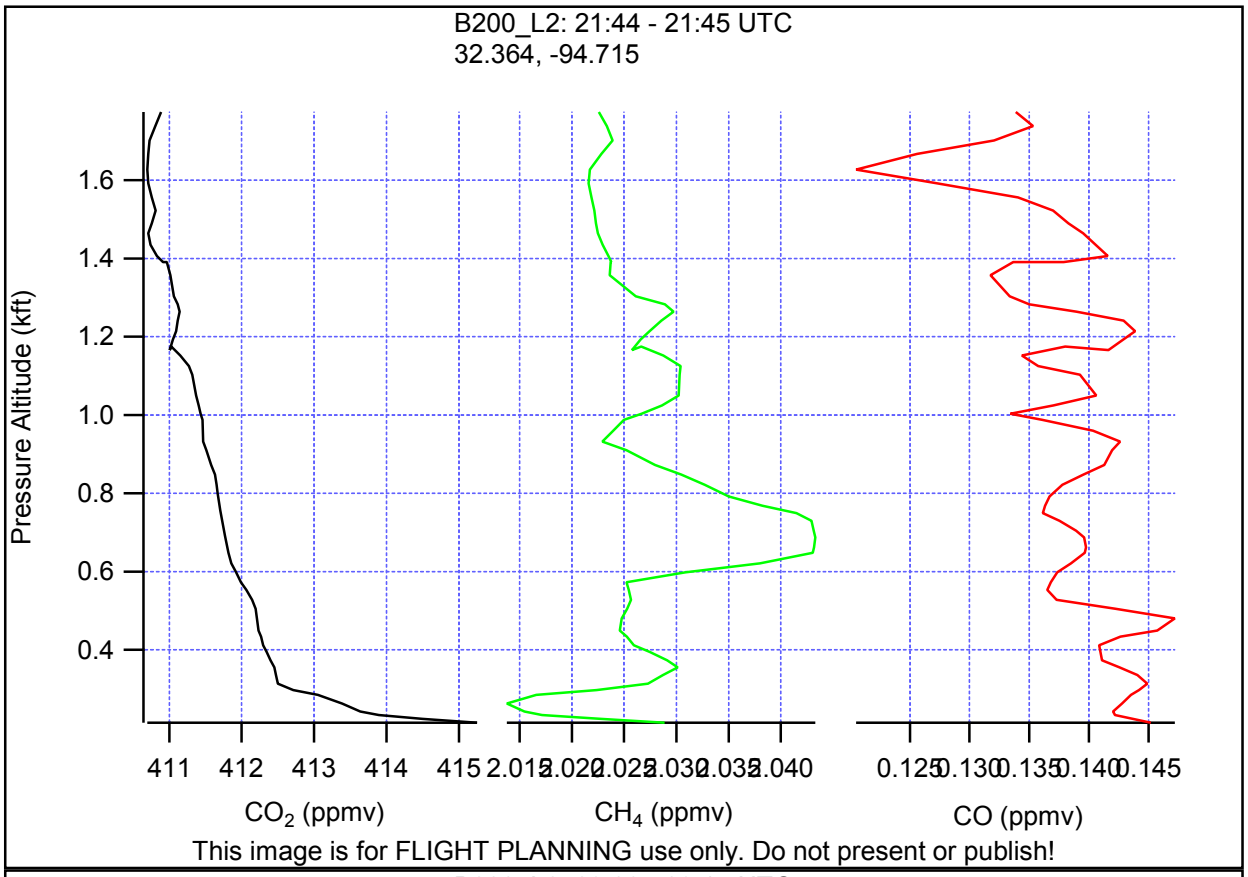
B200_L2: 21:44 - 21:45 UTC
32.364, -94.715
Pressure Altitude (kft)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
411 412 413 414 415
CO2 (ppmv)
2.015 2.020 2.025 2.030 2.035 2.040
CH4 (ppmv)
0.125 0.130 0.135 0.140 0.145
CO (ppmv)
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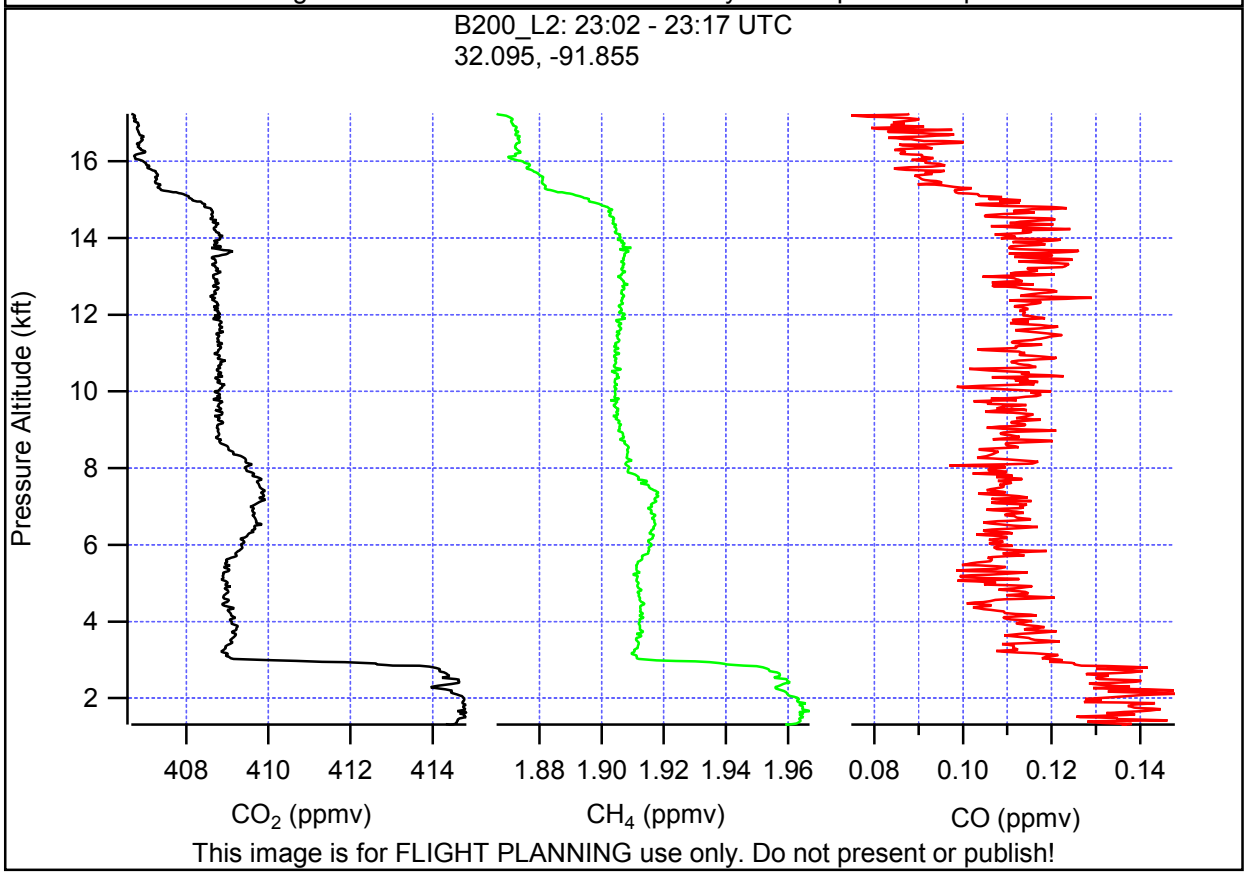
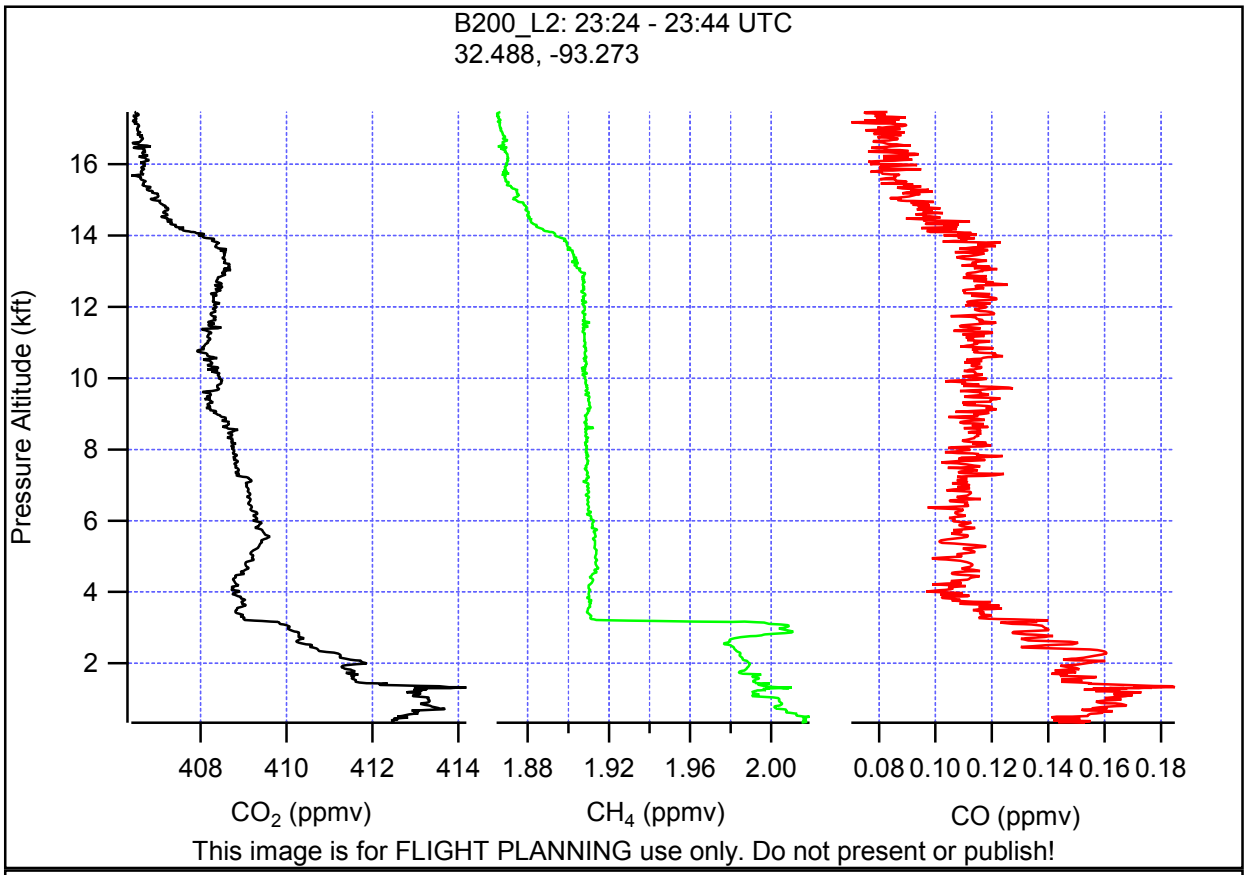

B200_L2: 23:02 - 23:17 UTC
32.095, -91.855
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
408 410 412 414
CO2 (ppmv)
1.88 1.90 1.92 1.94 1.96
CH4 (ppmv)
0.08 0.10 0.12 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 23:24 - 23:44 UTC
32.488, -93.273
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
408 410 412 414
CO2 (ppmv)
1.88 1.92 1.96 2.00
CH4 (ppmv)
0.08 0.10 0.12 0.14 0.16 0.18
CO (ppmv)
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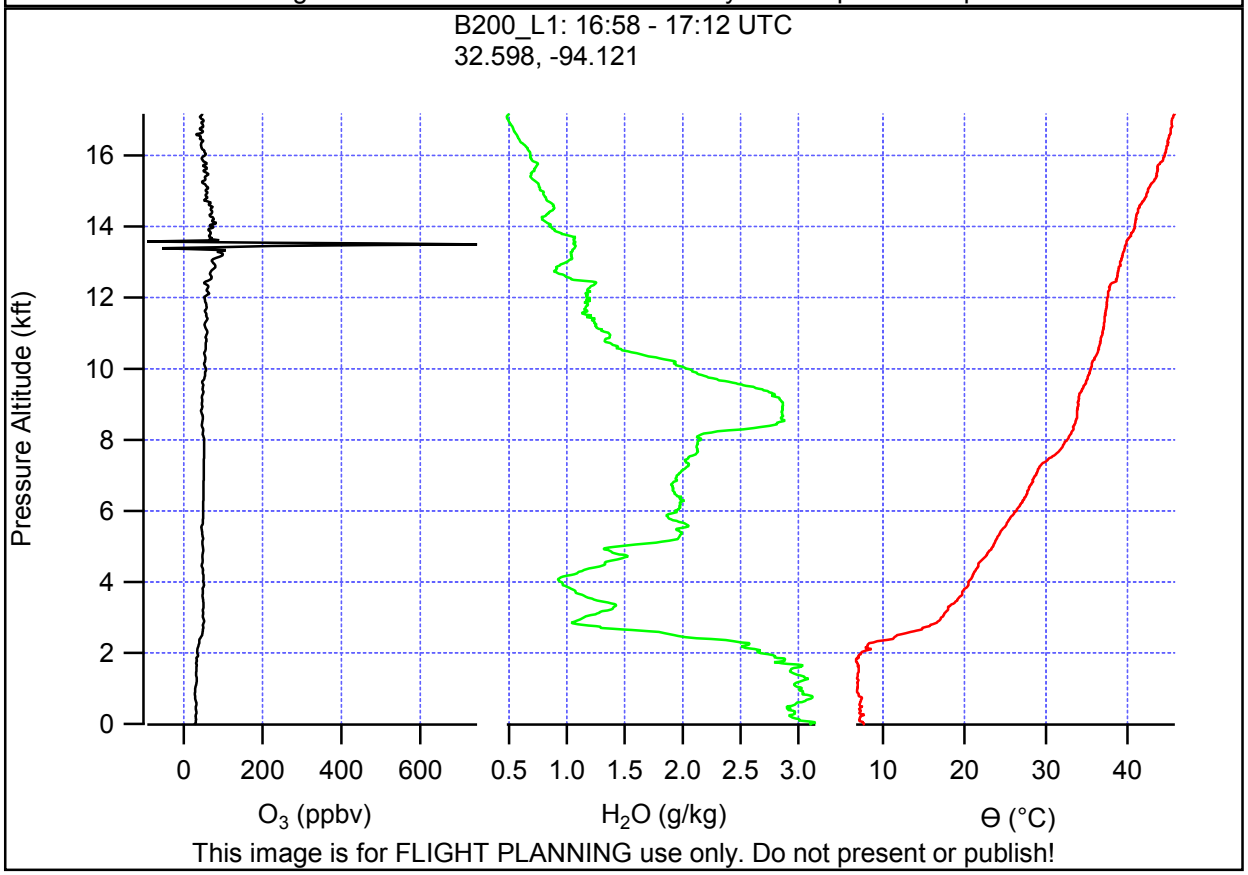
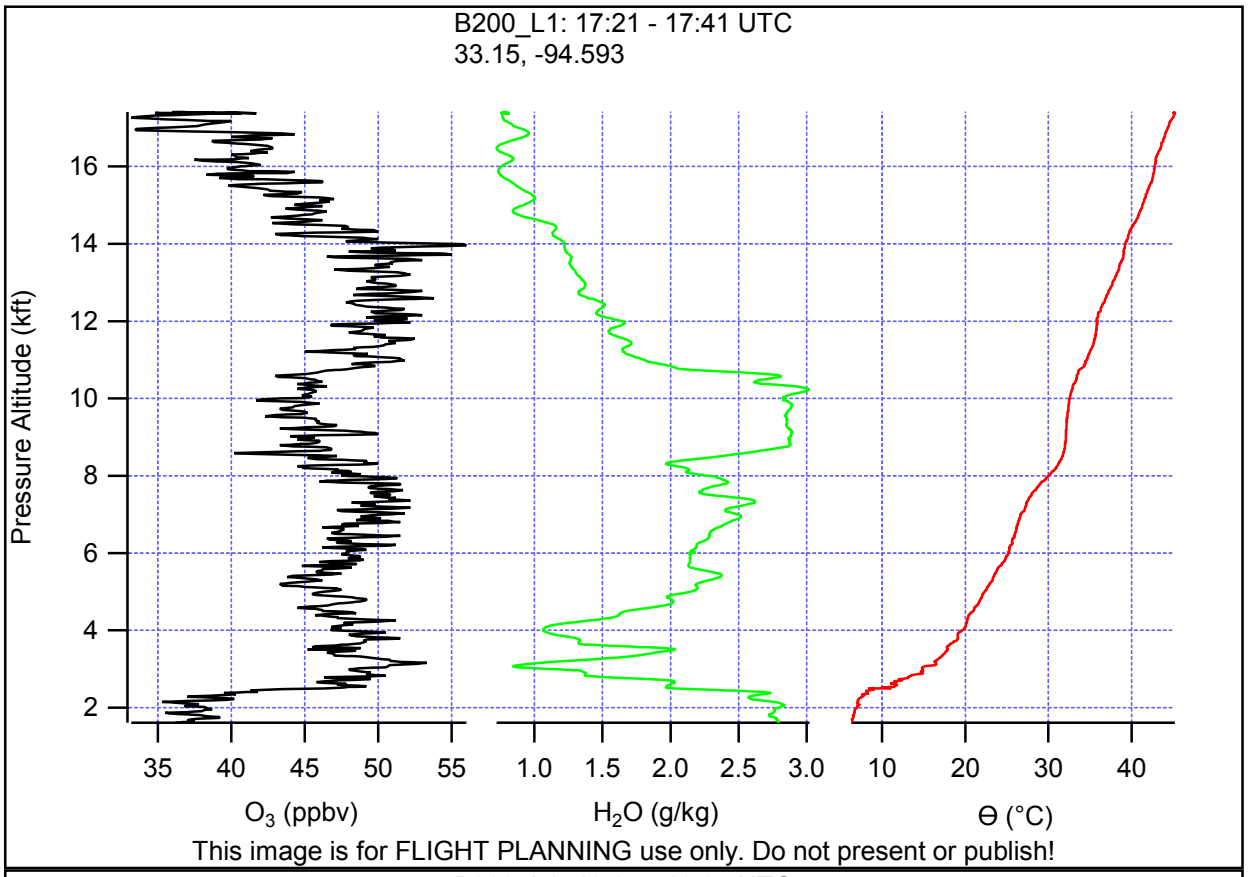
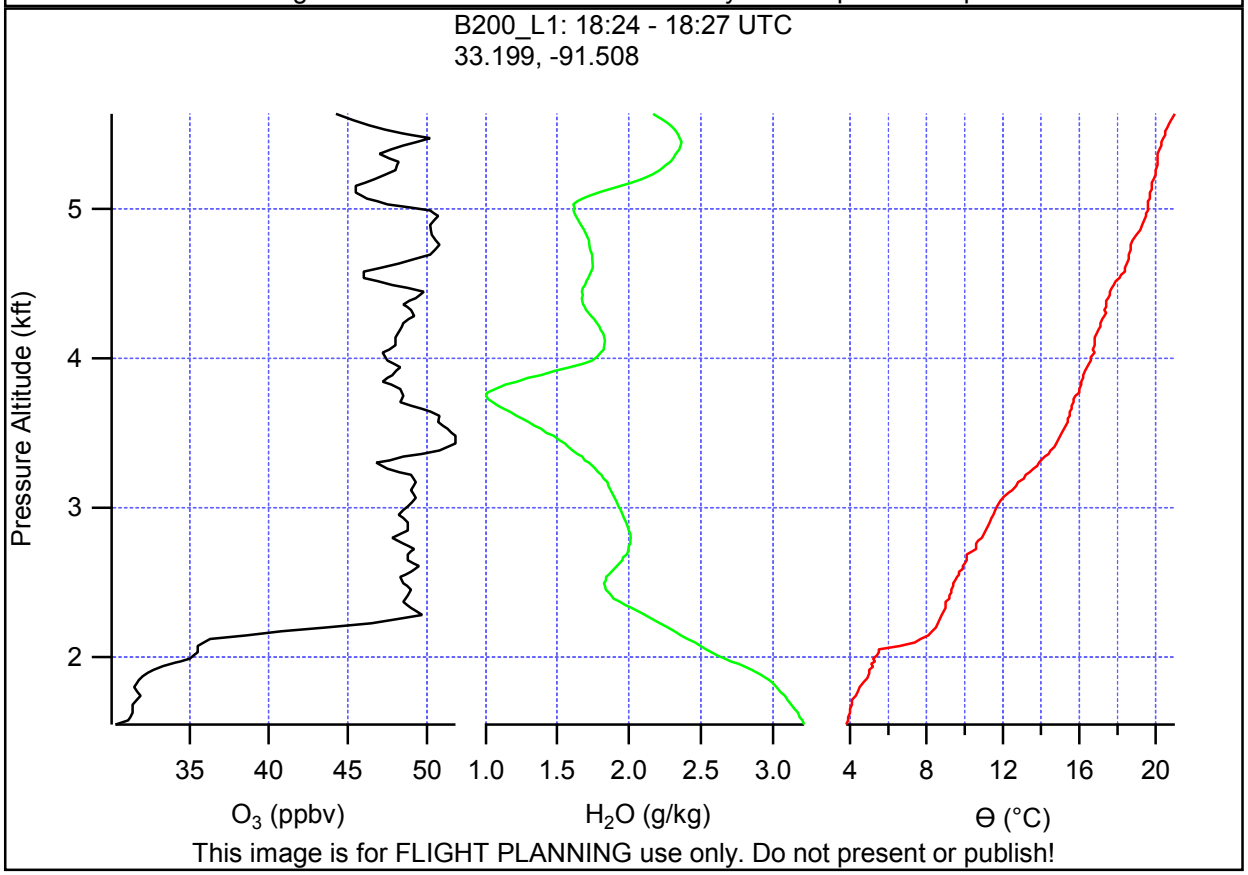
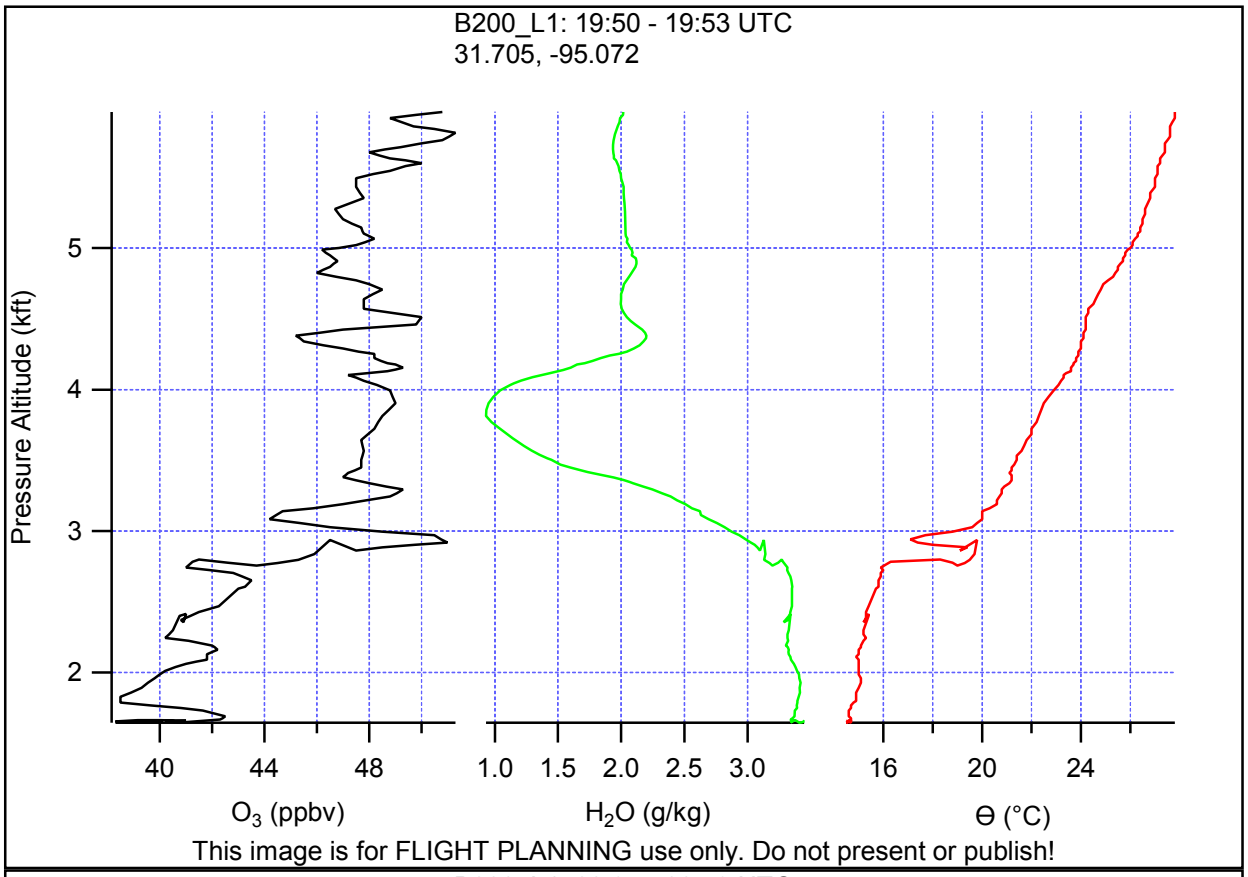
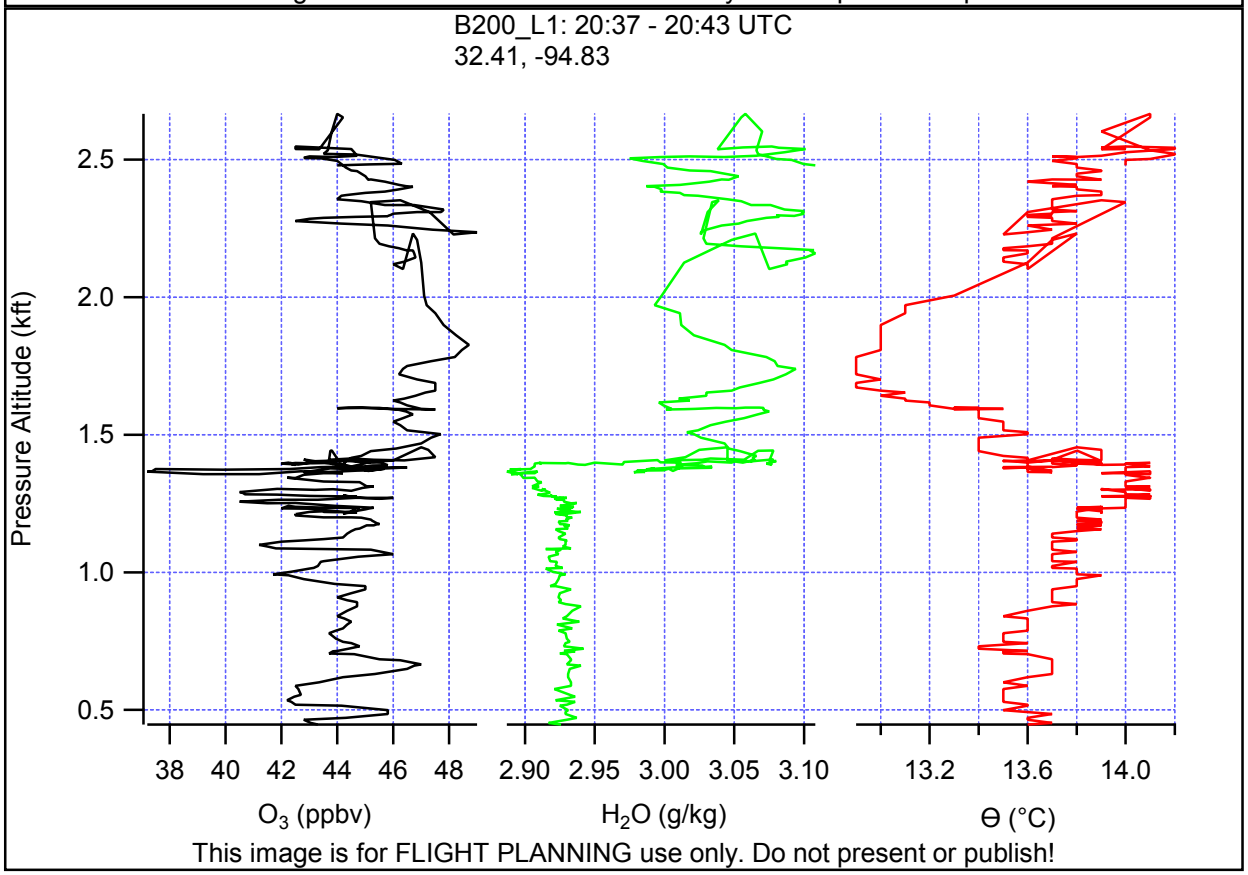
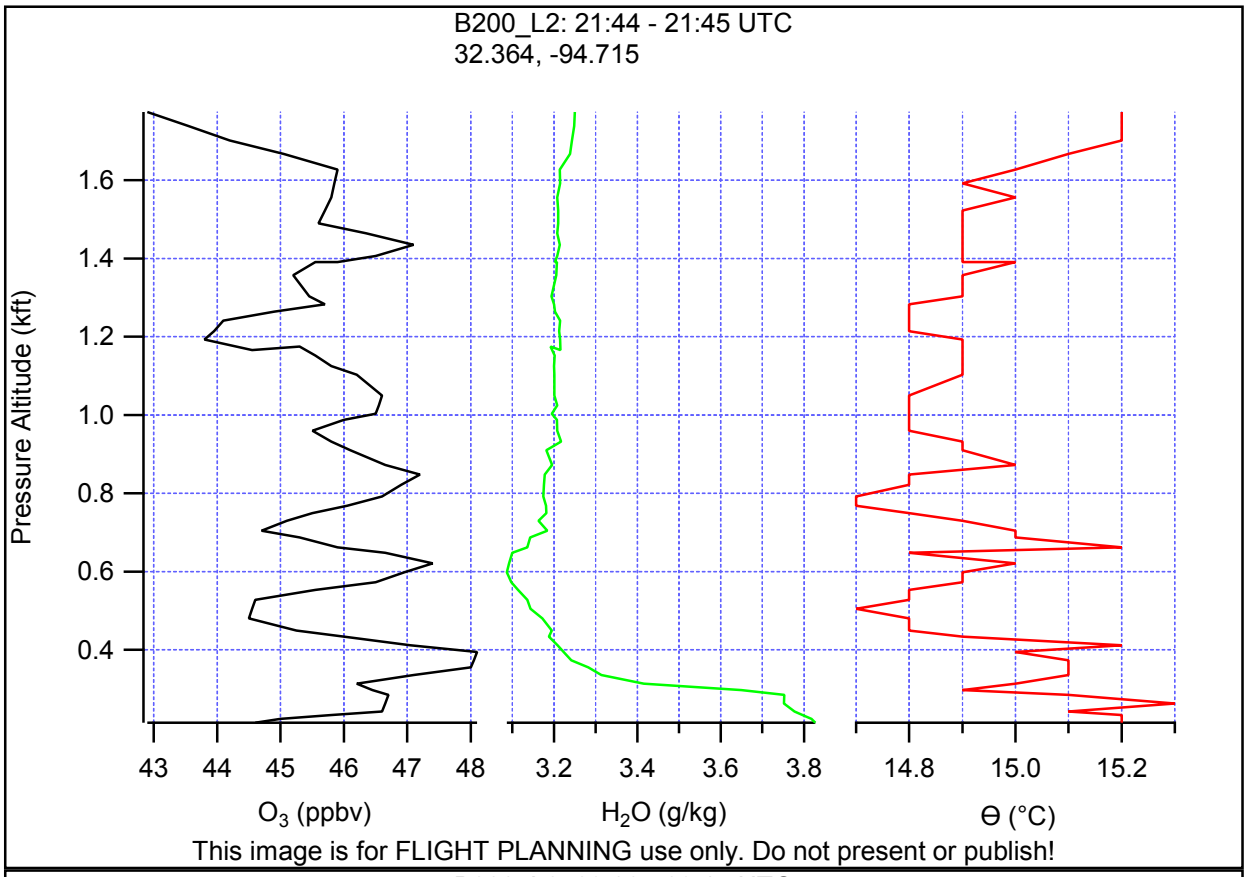

B200_L1: 16:58 - 17:12 UTC
32.598, -94.121
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
0 200 400 600
O3 (ppbv)
0.5 1.0 1.5 2.0 2.5 3.0
H2O (g/kg)
10 20 30 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

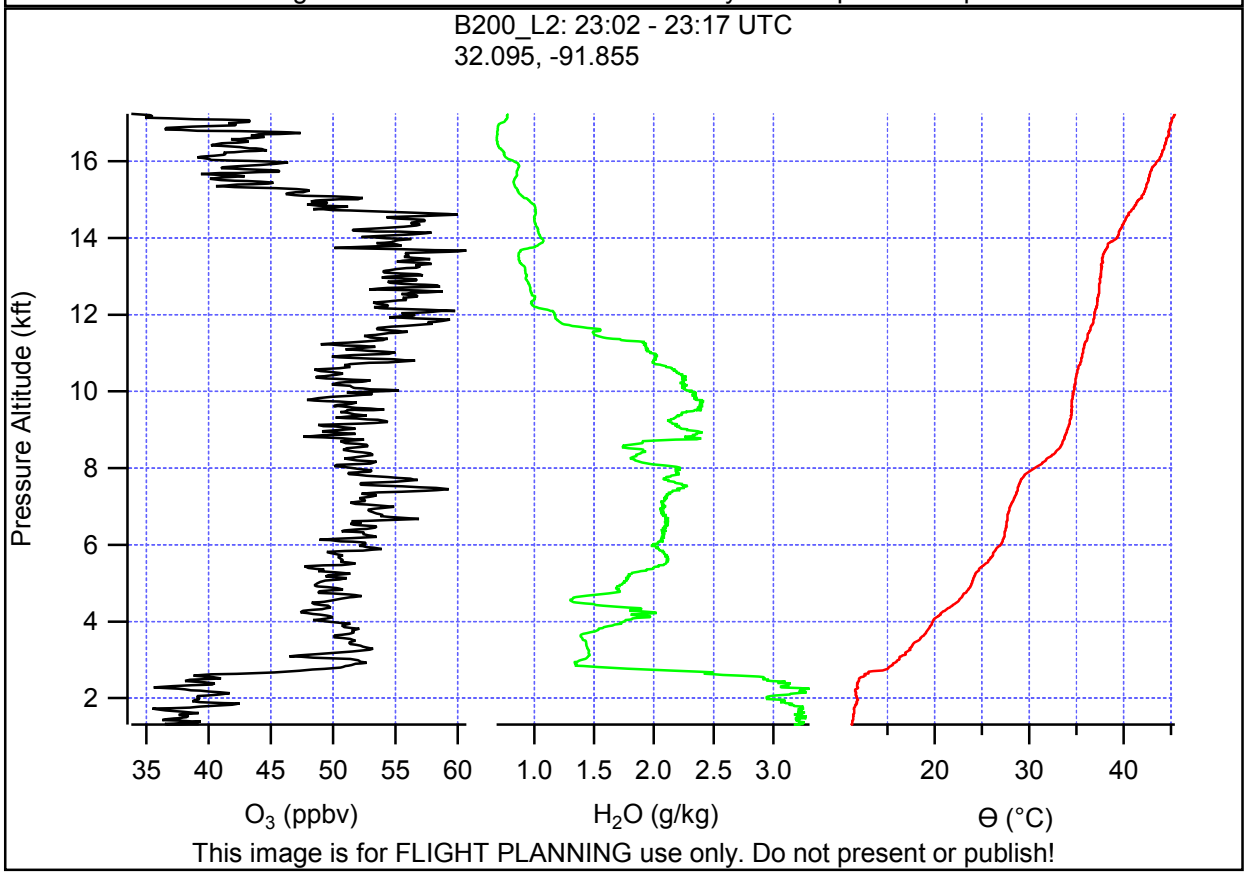

B200_L1: 17:21 - 17:41 UTC
33.15, -94.593
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
35 40 45 50 55
O3 (ppbv)
1.0 1.5 2.0 2.5 3.0
H2O (g/kg)
10 20 30 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

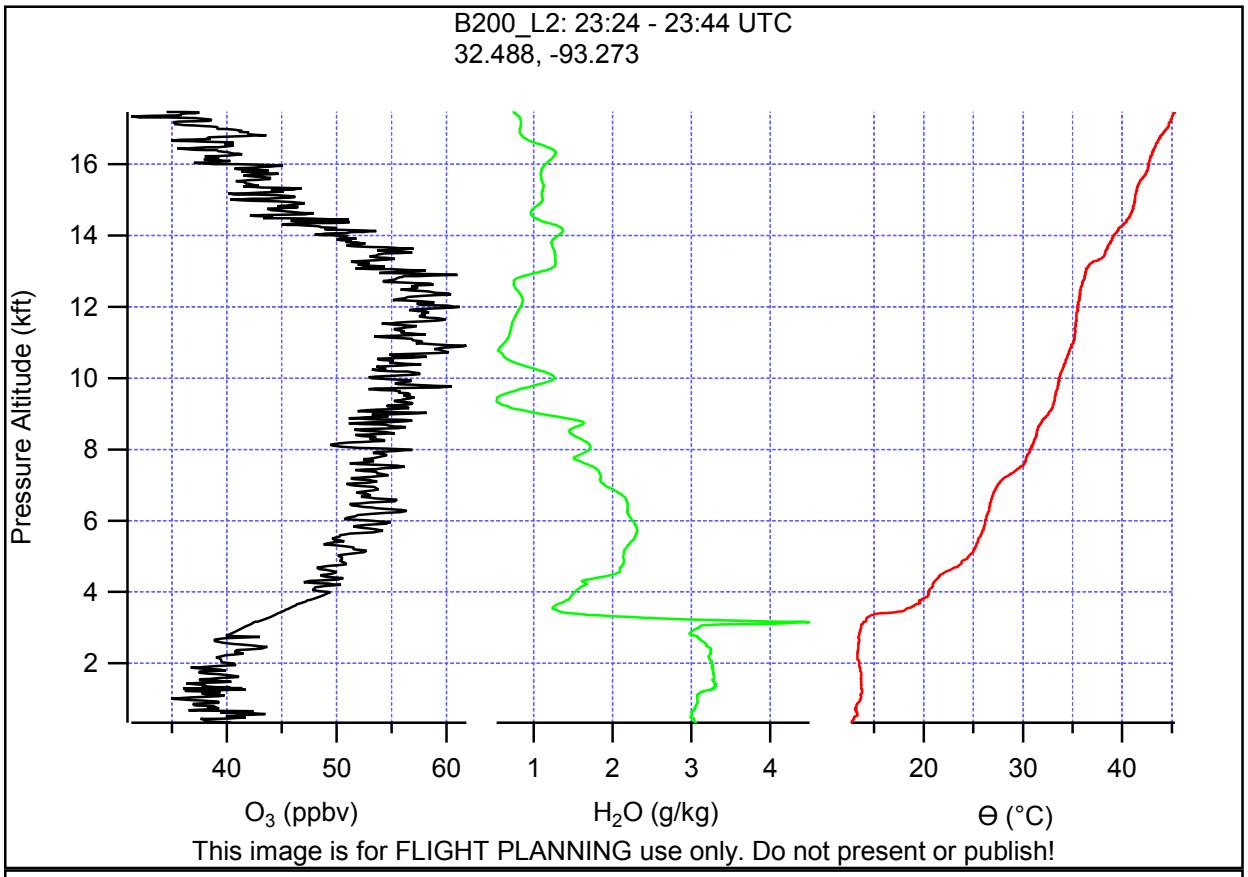

B200_L1: 18:24 - 18:27 UTC
33.199, -91.508
Pressure Altitude (kft)
5
4
3
2
35 40 45 50
O3 (ppbv)
1.0 1.5 2.0 2.5 3.0
H2O (g/kg)
4 8 12 16 20
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 19:50 - 19:53 UTC
31.705, -95.072
Pressure Altitude (kft)
5
4
3
2
40
44
48
O3 (ppbv)
1.0
1.5
2.0
2.5
3.0
H2O (g/kg)
16
20
24
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 20:37 - 20:43 UTC
32.41, -94.83
Pressure Altitude (kft)
2.5
2.0
1.5
1.0
0.5
38
40
42
44
46
48
O3 (ppbv)
2.90
2.95
3.00
3.05
3.10
H2O (g/kg)
13.2
13.6
14.0
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 21:44 - 21:45 UTC
32.364, -94.715
Pressure Altitude (kft)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
43 44 45 46 47 48
O3 (ppbv)
3.2 3.4 3.6 3.8
H2O (g/kg)
14.8 15.0 15.2
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 23:02 - 23:17 UTC
32.095, -91.855
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
35 40 45 50 55 60
O3 (ppbv)
1.0 1.5 2.0 2.5 3.0
H2O (g/kg)
20 30 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 23:24 - 23:44 UTC
32.488, -93.273
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
40
50
60
1
2
3
4
20
30
40
O3 (ppbv)
H2O (g/kg)
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!