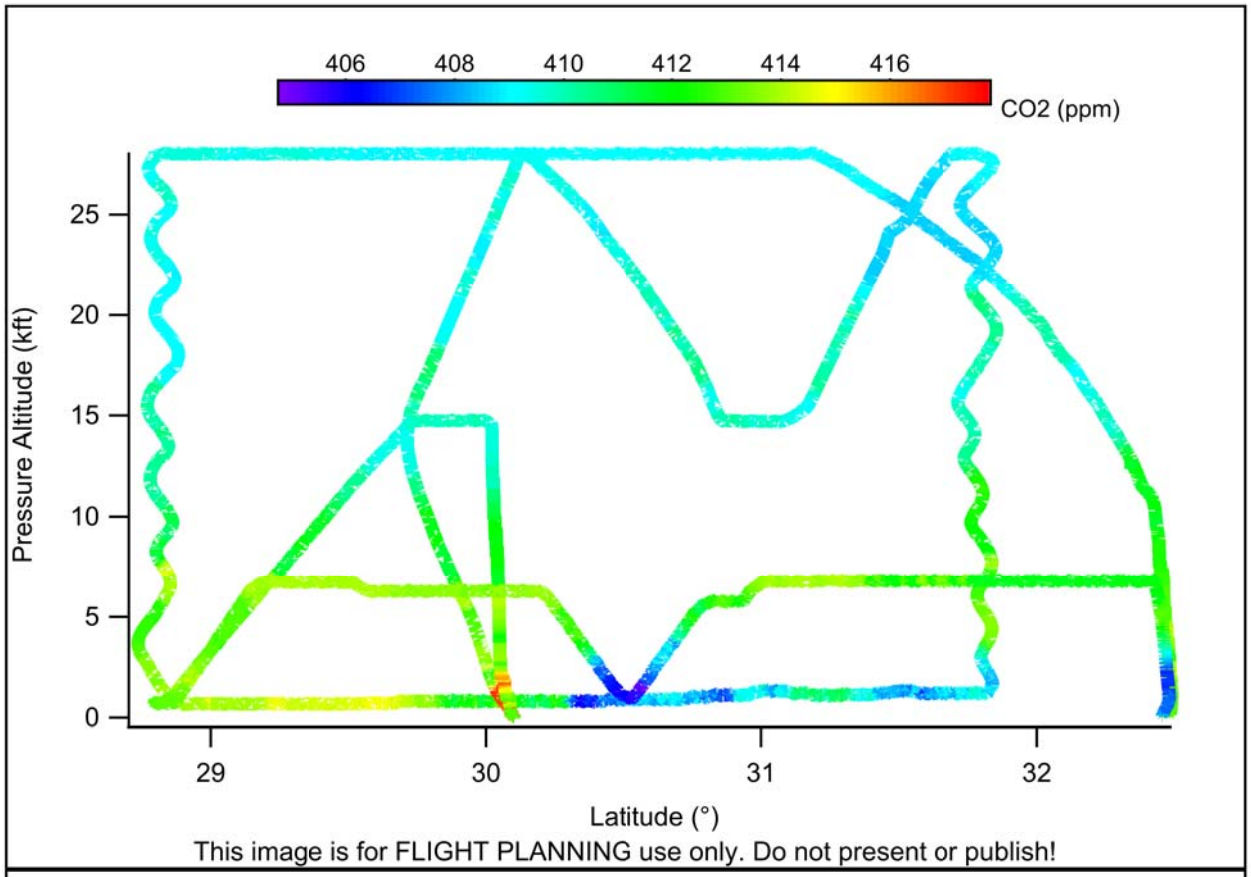
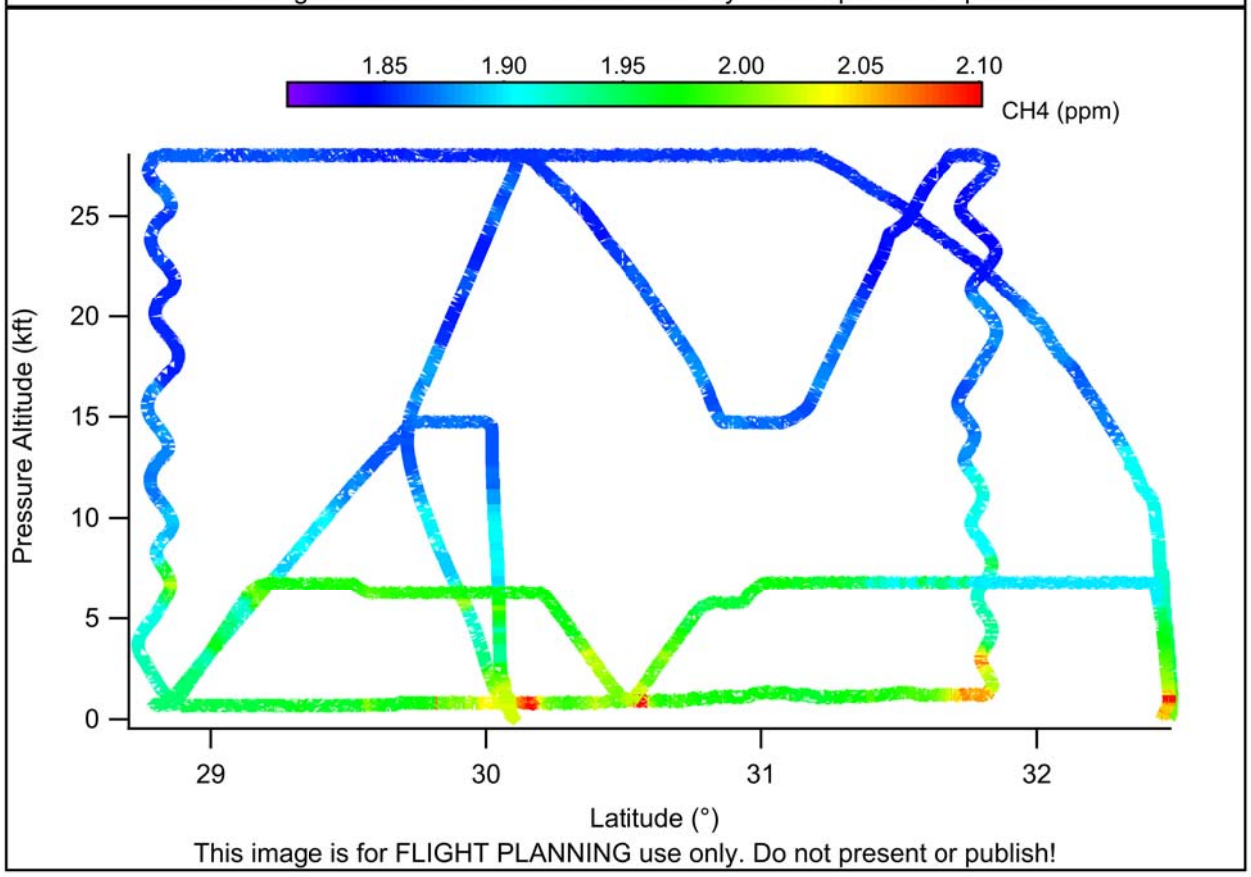
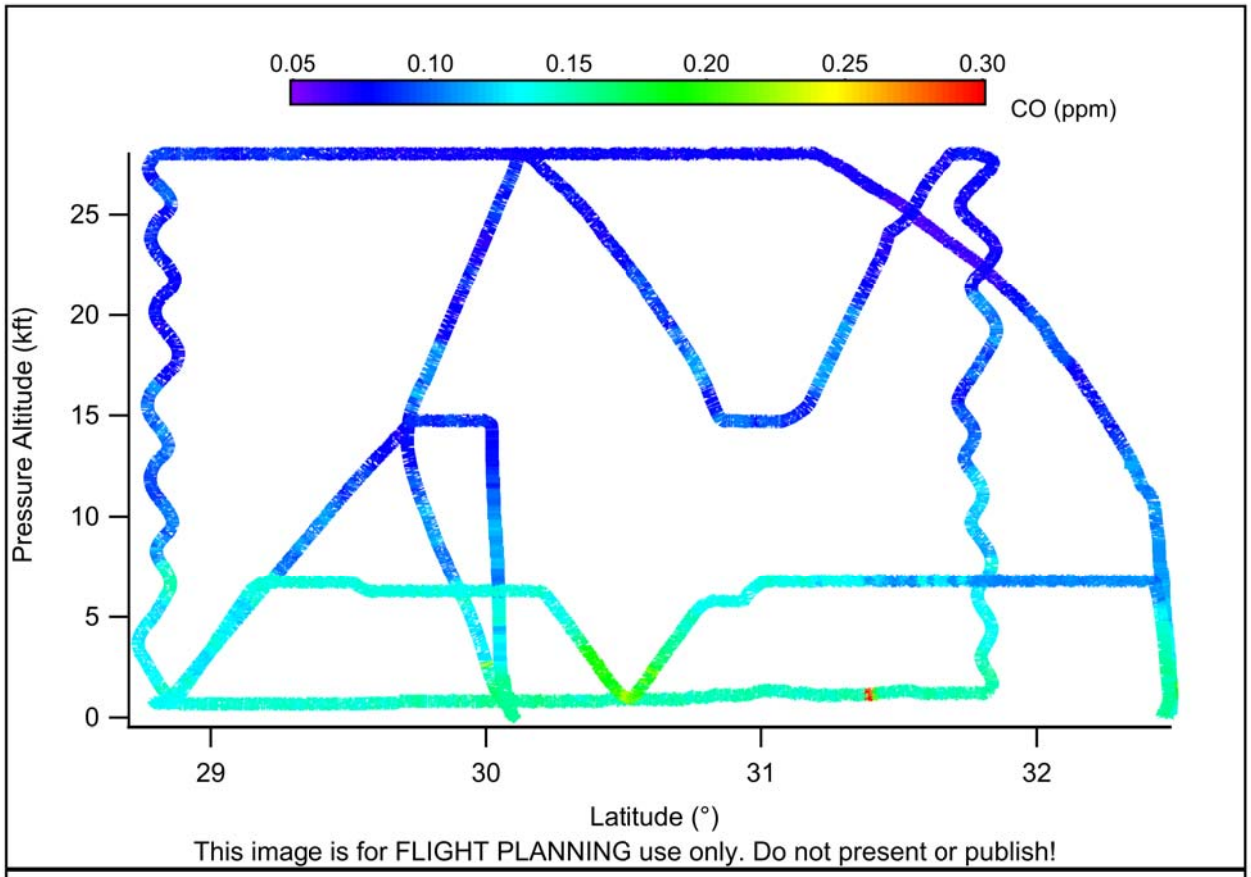
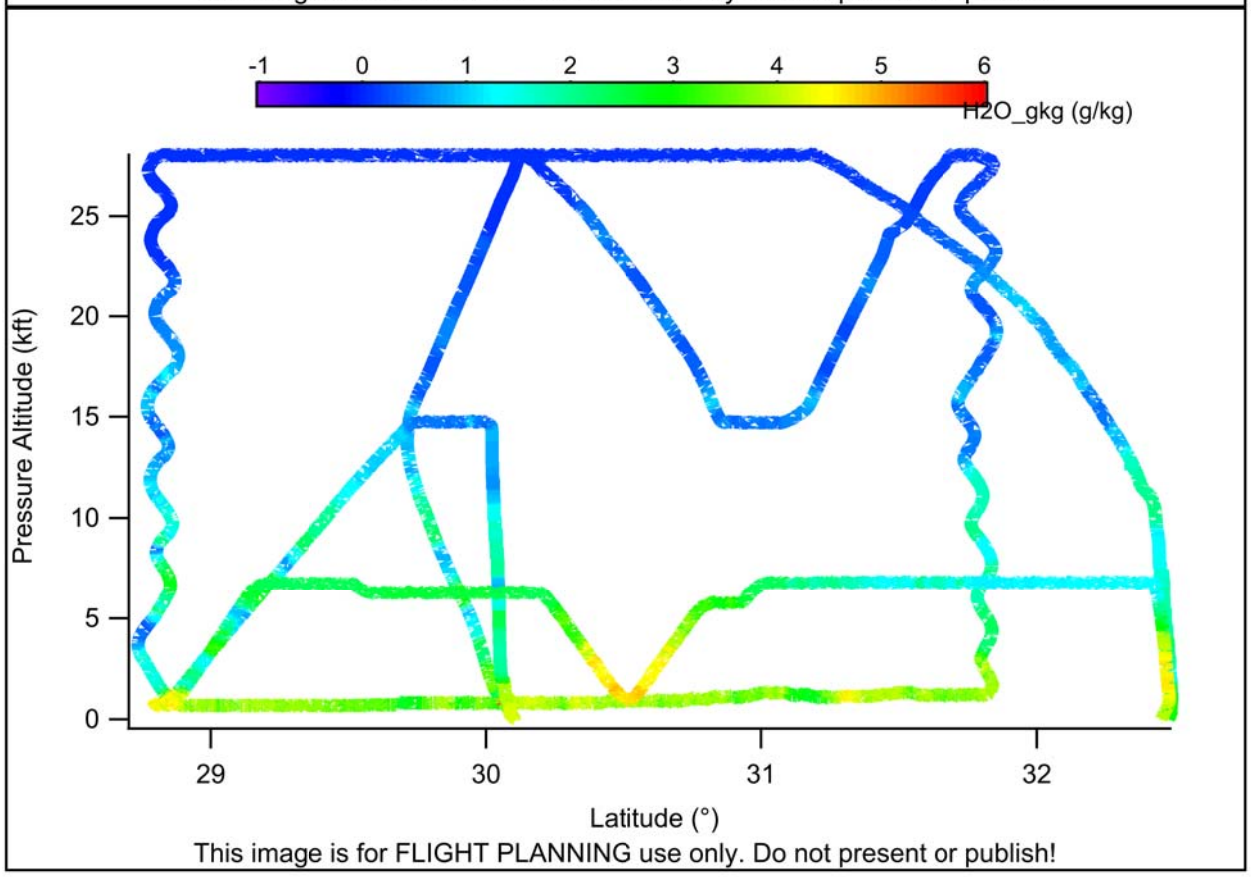
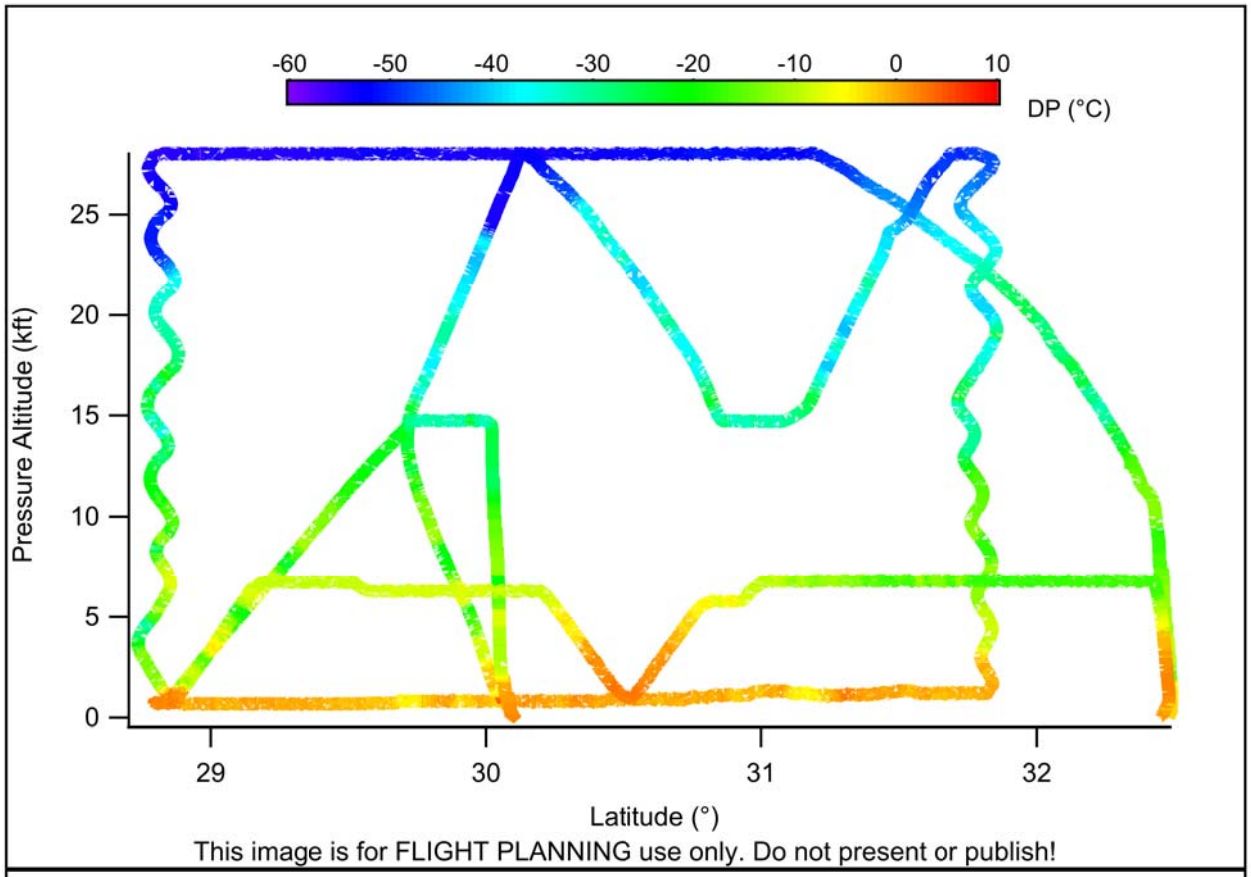
ACT-America 20180416

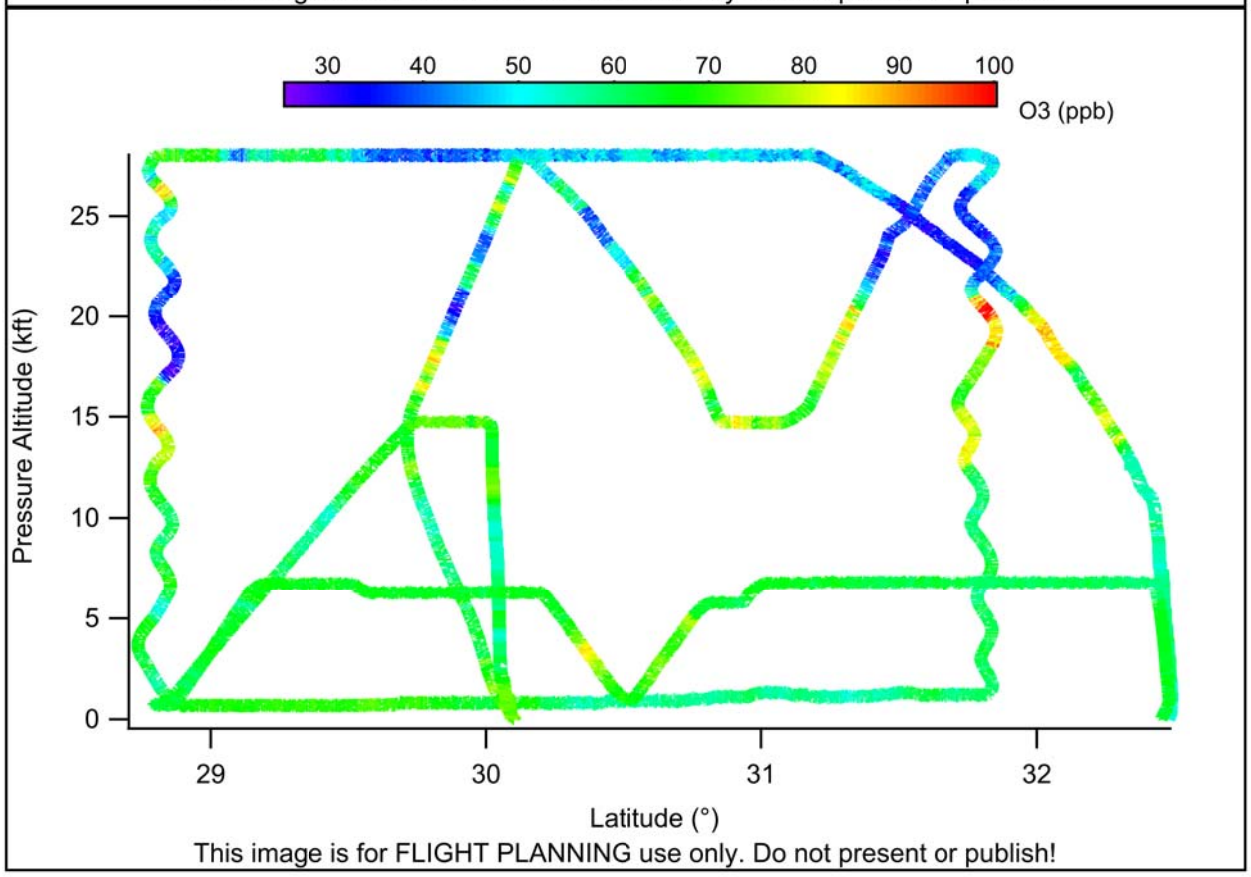

406
408
410
412
414
416
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
29
30
31
32
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

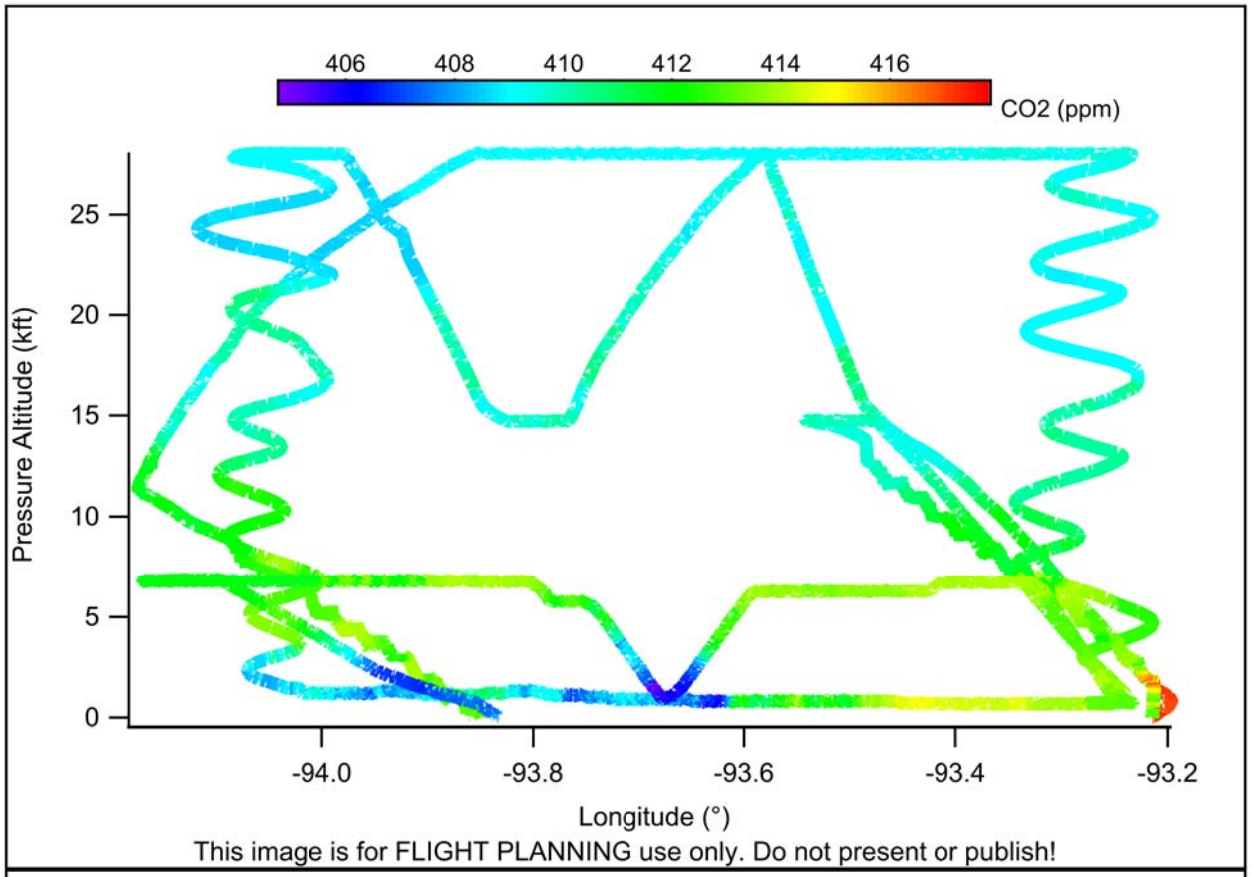

1.85
1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
29
30
31
32
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

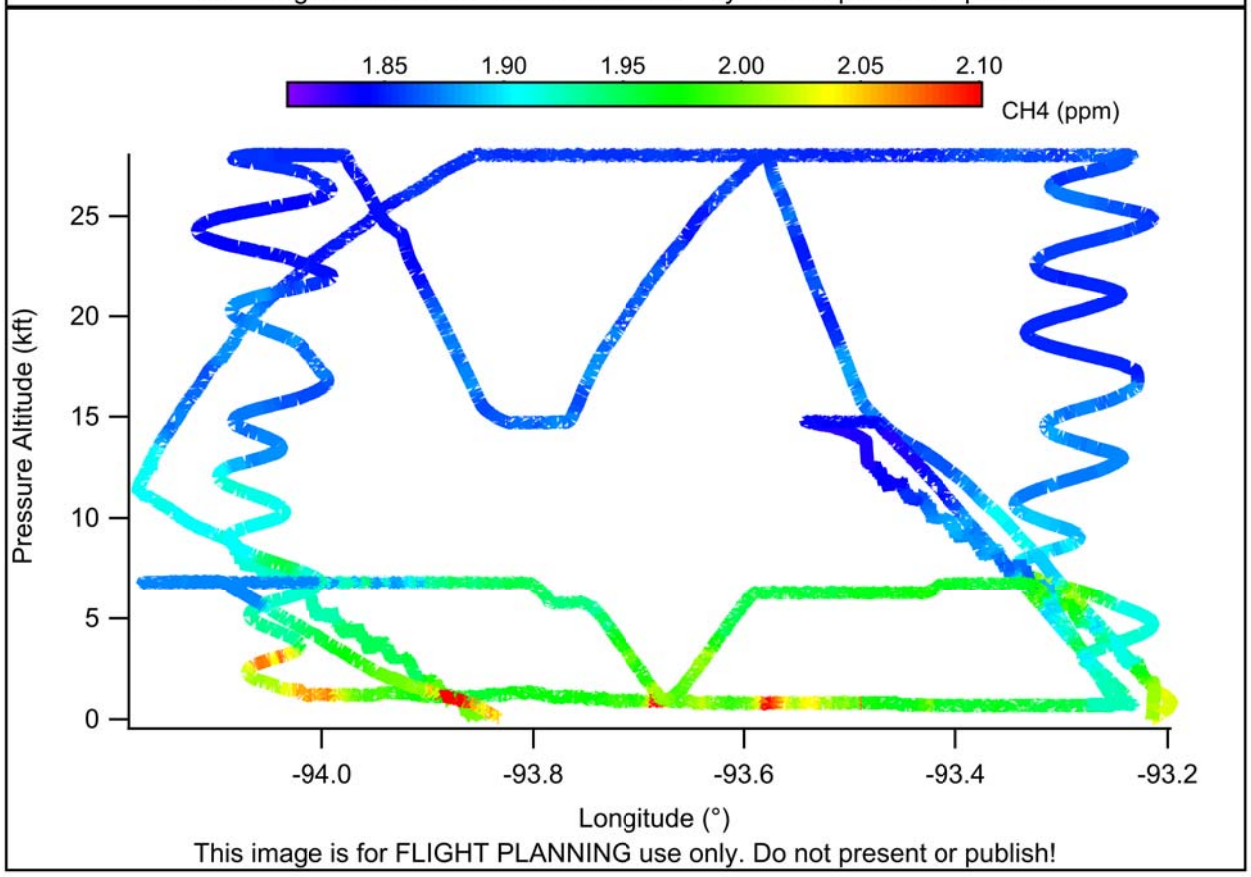

0.05
0.10
0.15
0.20
0.25
0.30
CO (ppm)
Pressure Altitude (kft)
0
5
10
15
20
25
29
30
31
32
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

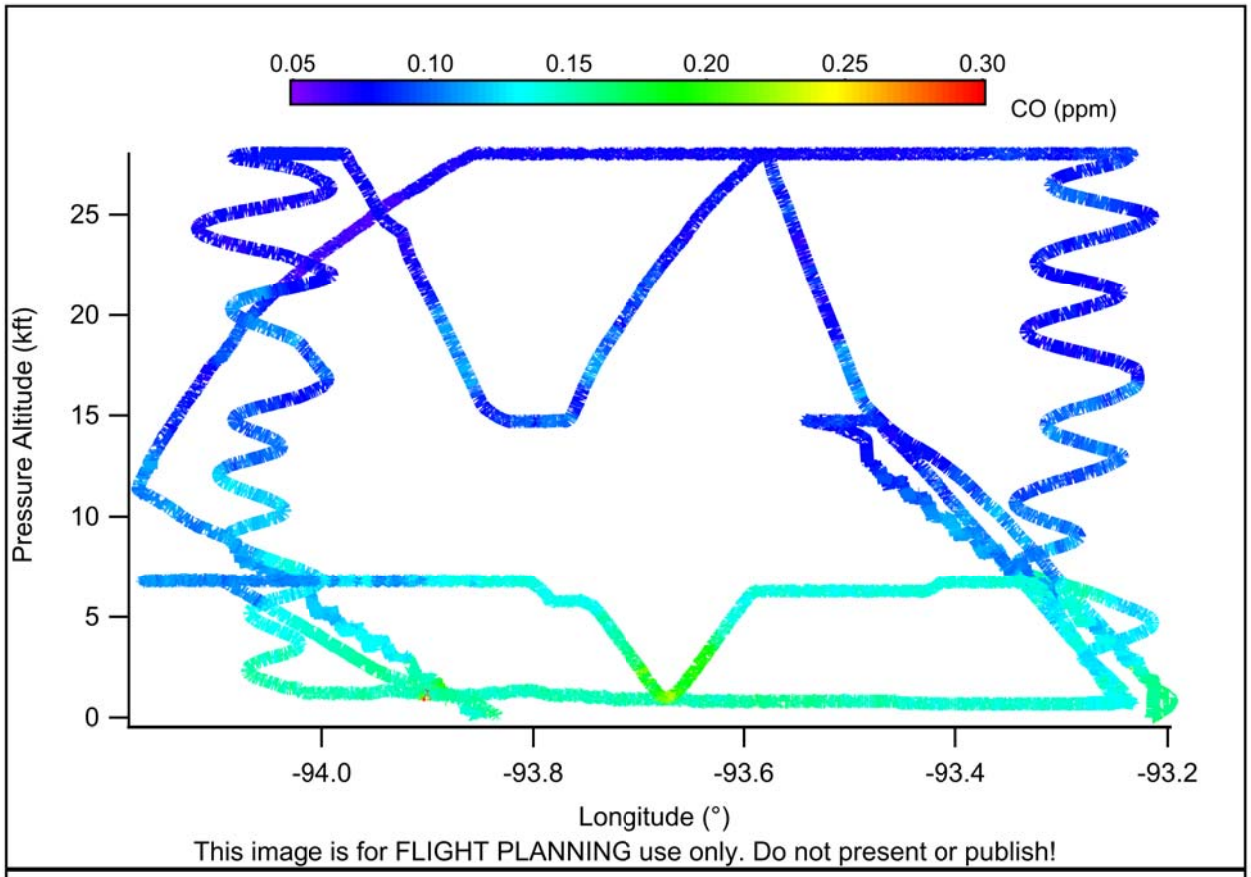

-1
0
1
2
3
4
5
6
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
5
10
15
20
25
29
30
31
32
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

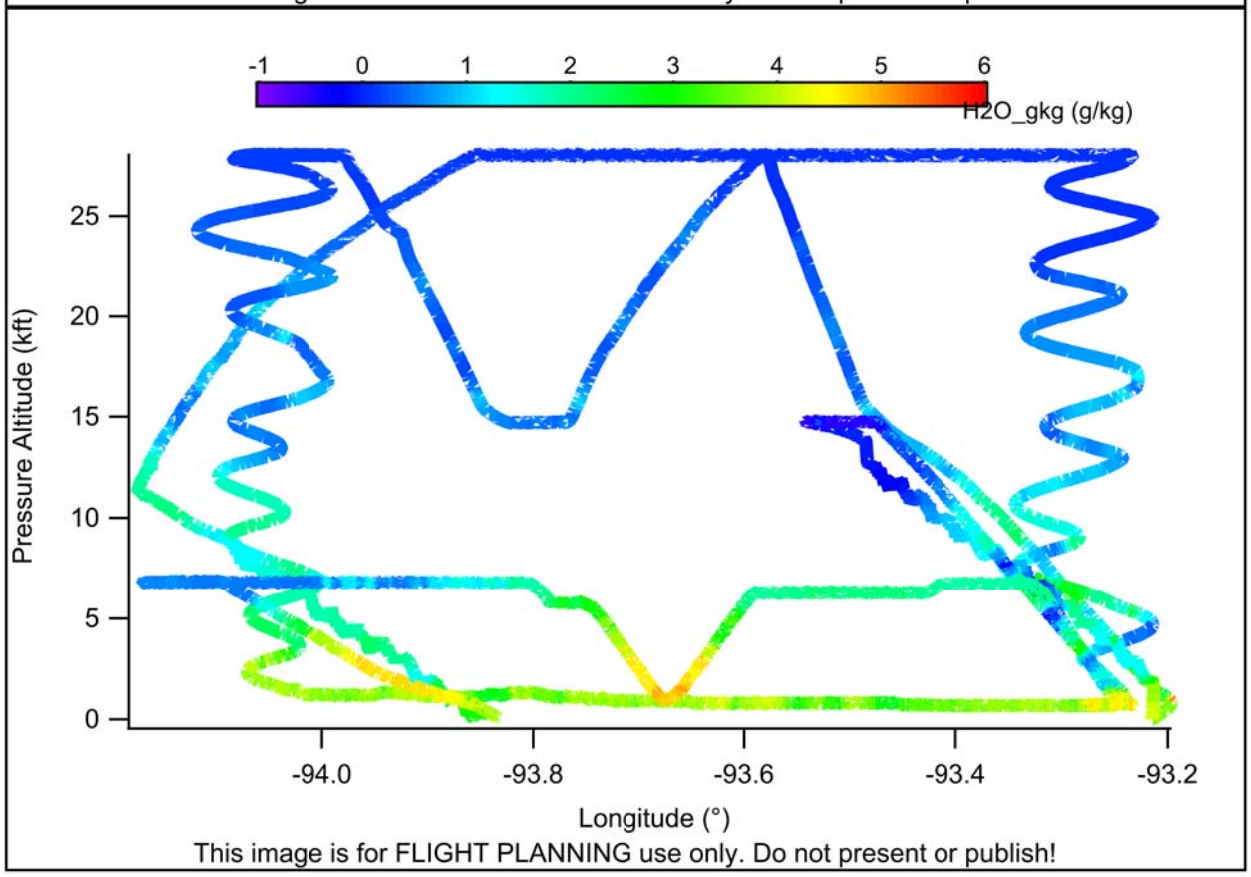

-60
-50
-40
-30
-20
-10
0
10
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
29
30
31
32
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

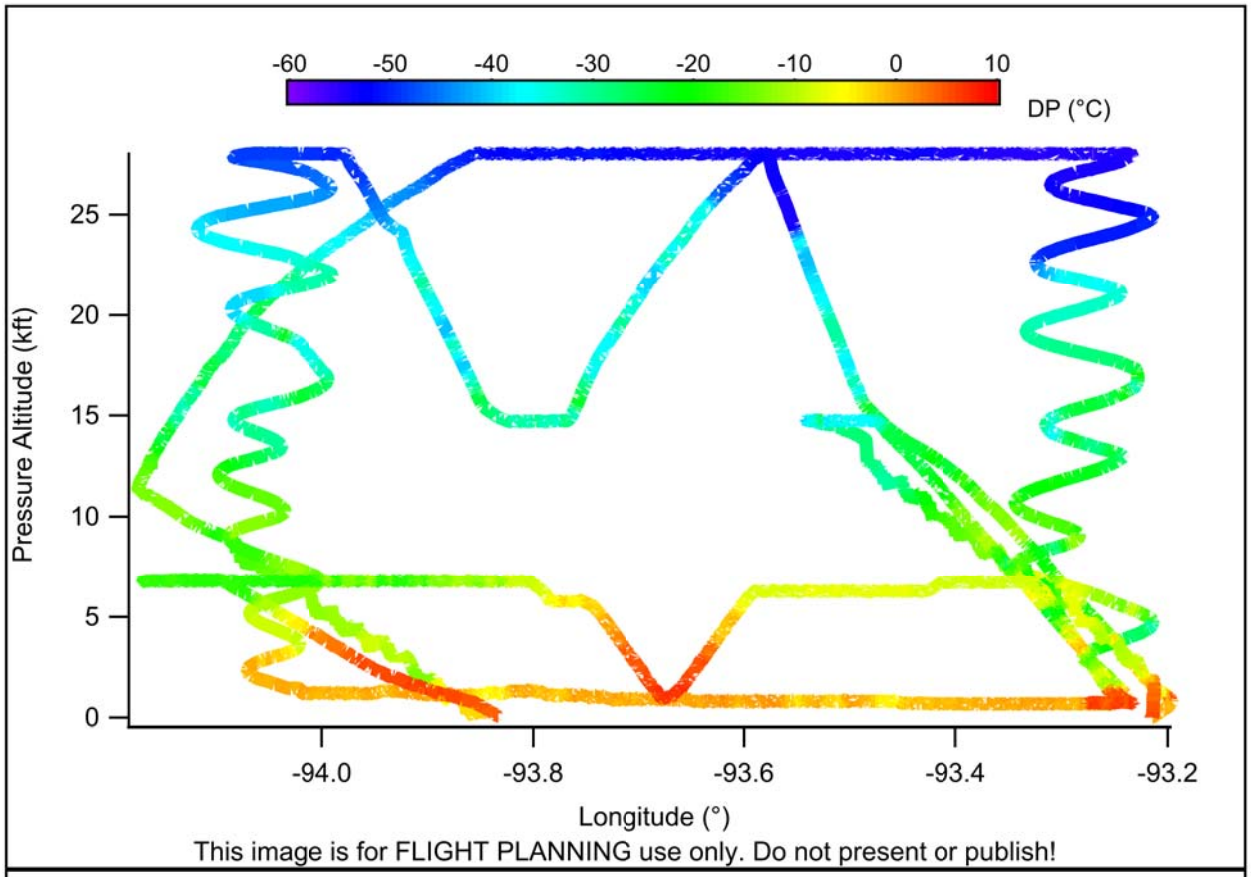

30
40
50
60
70
80
90
100
O3 (ppb)
Pressure Altitude (kft)
25
20
15
10
5
0
29
30
31
32
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

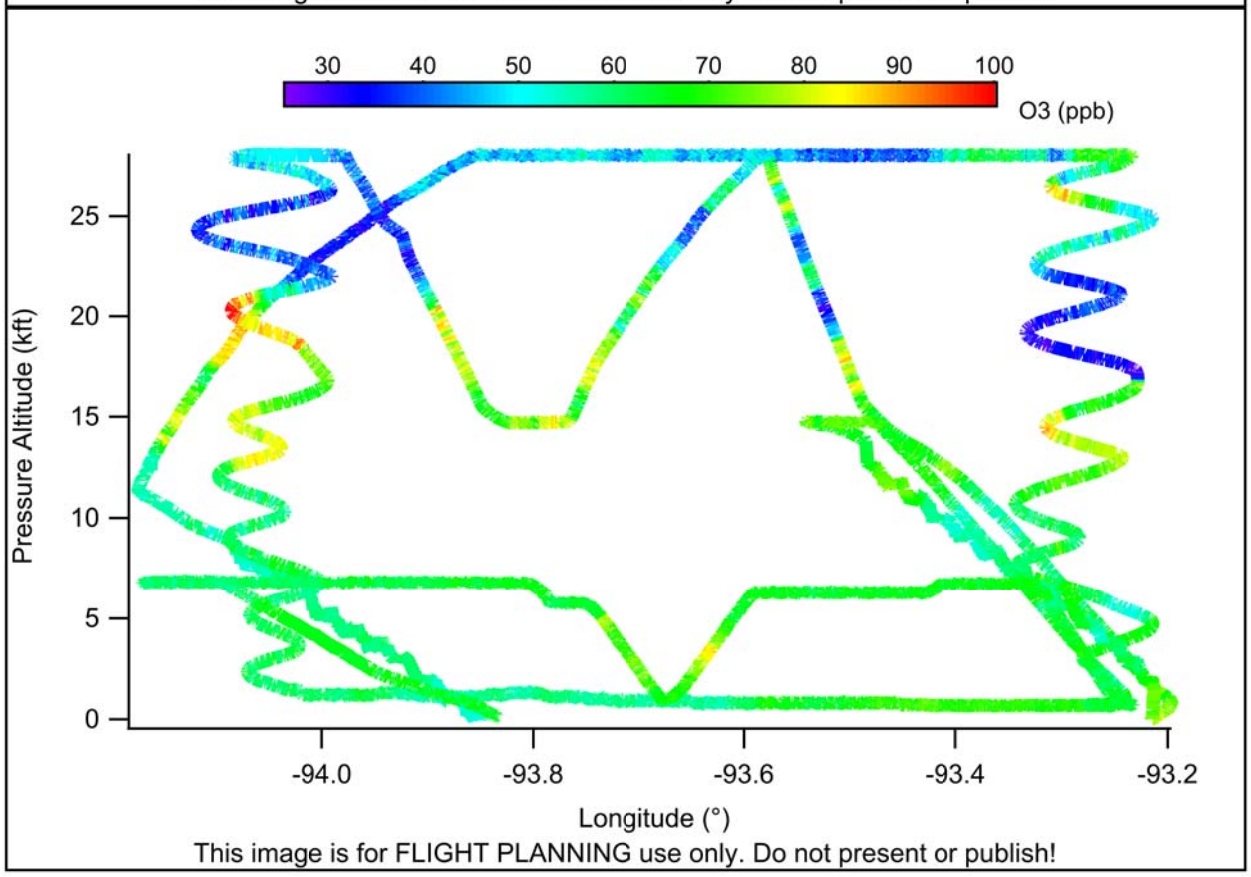

406
408
410
412
414
416
CO2 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-94.0
-93.8
-93.6
-93.4
-93.2
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1.85
1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-94.0
-93.8
-93.6
-93.4
-93.2
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0.05
0.10
0.15
0.20
0.25
0.30
CO (ppm)
Pressure Altitude (kft)
25
20
15
10
5
0
-94.0
-93.8
-93.6
-93.4
-93.2
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-1
0
1
2
3
4
5
6
H2O_gkg (g/kg)
Pressure Altitude (kft)
25
20
15
10
5
0
-94.0
-93.8
-93.6
-93.4
-93.2
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-60 -50 -40 -30 -20 -10 0 10
DP (°C)
Pressure Altitude (kft)
25
20
15
10
5
0
-94.0
-93.8
-93.6
-93.4
-93.2
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


30 40 50 60 70 80 90 100
O3 (ppb)
Pressure Altitude (kft)
25
20
15
10
5
0
-94.0
-93.8
-93.6
-93.4
-93.2
Longitude (°)
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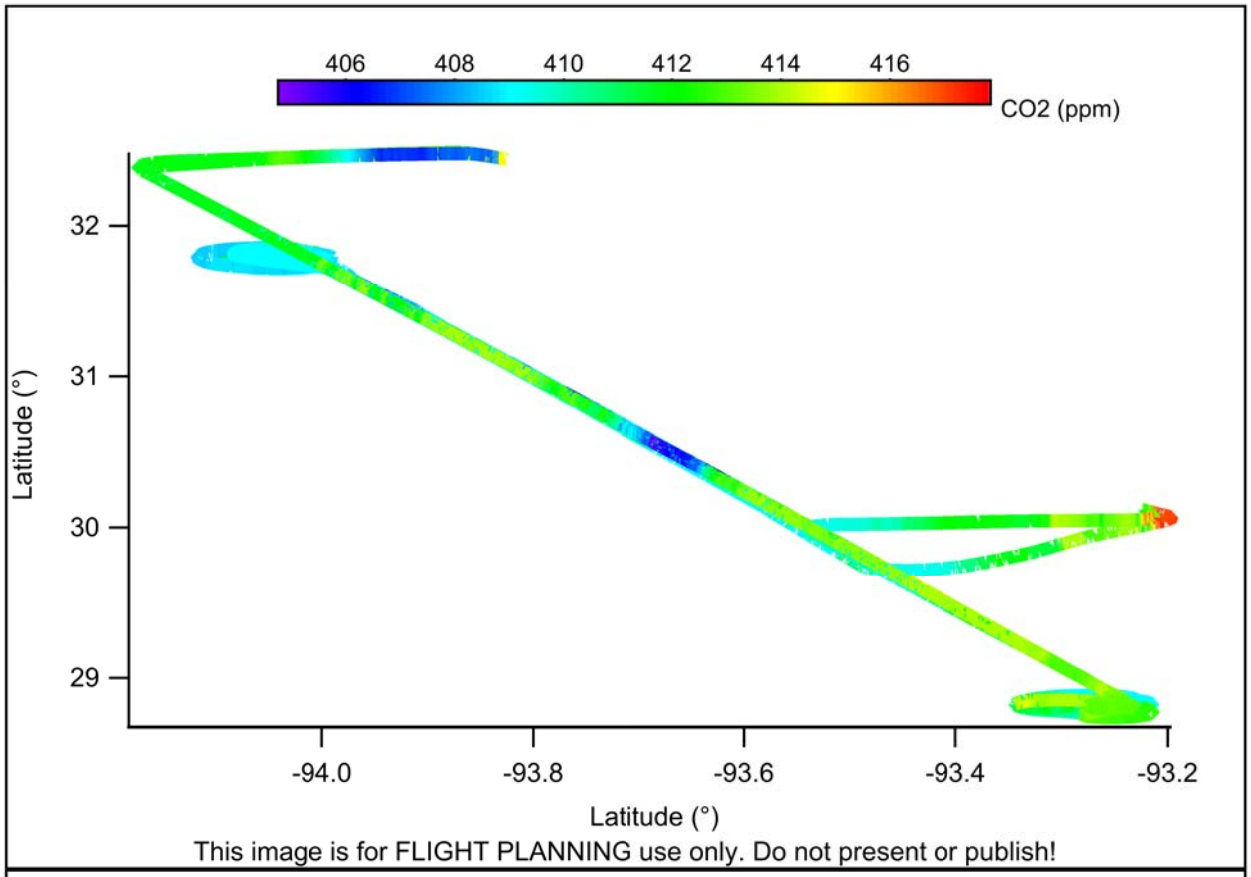
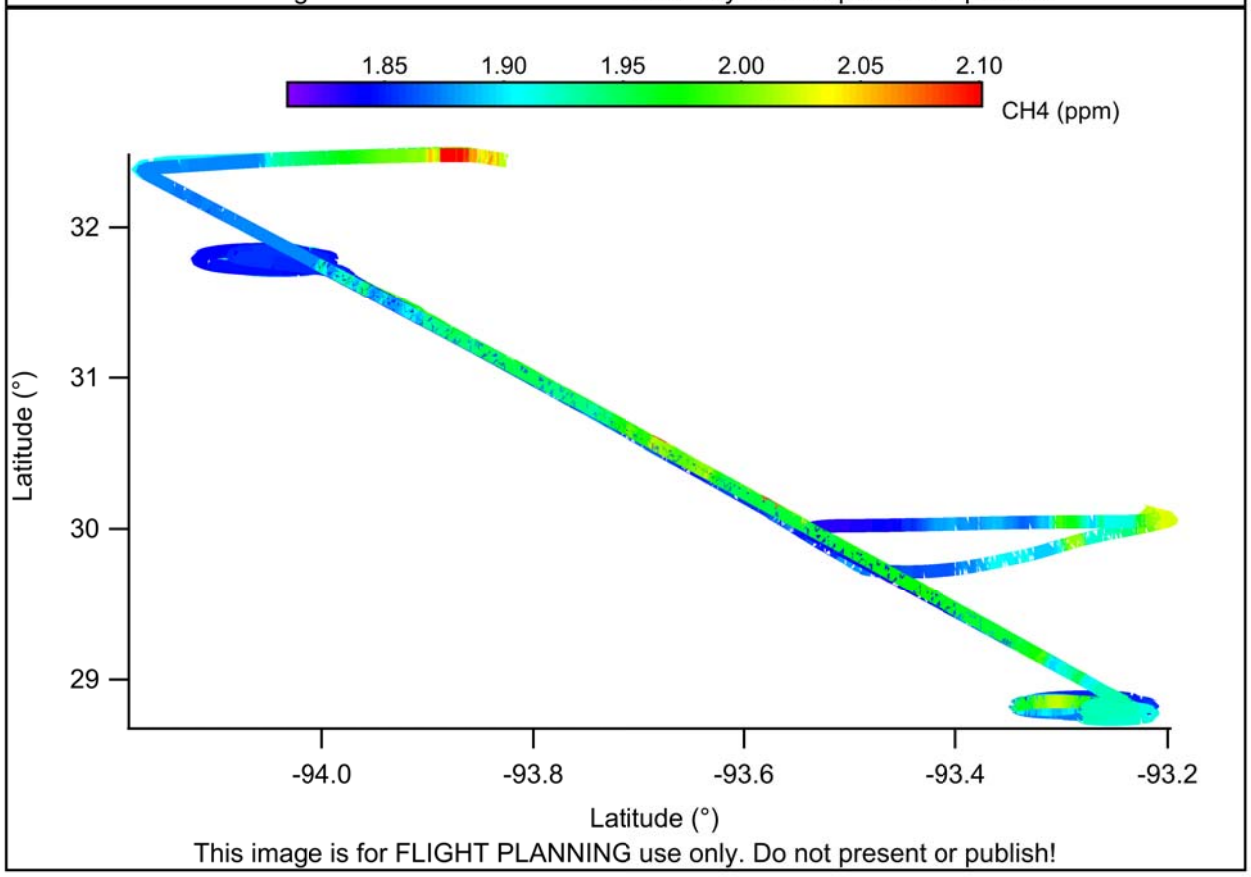
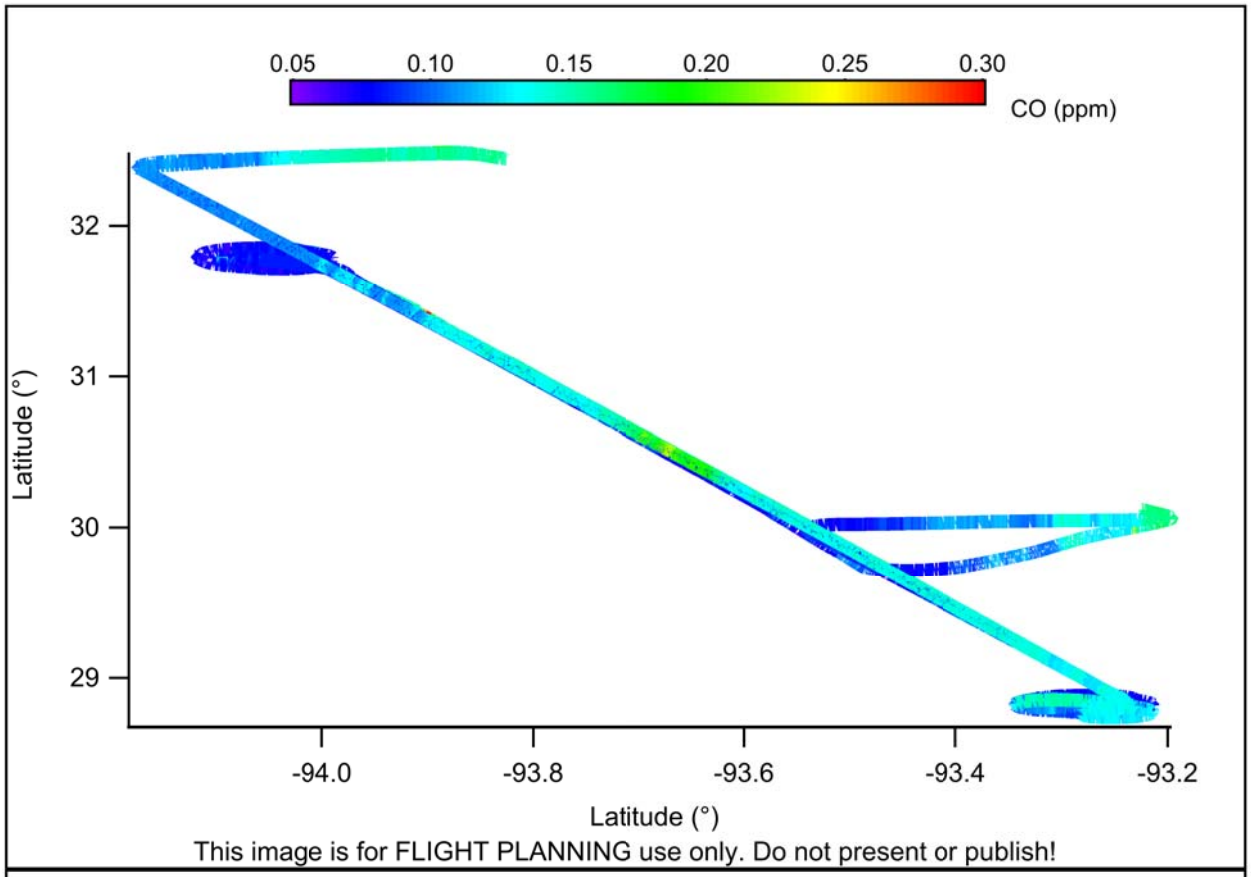
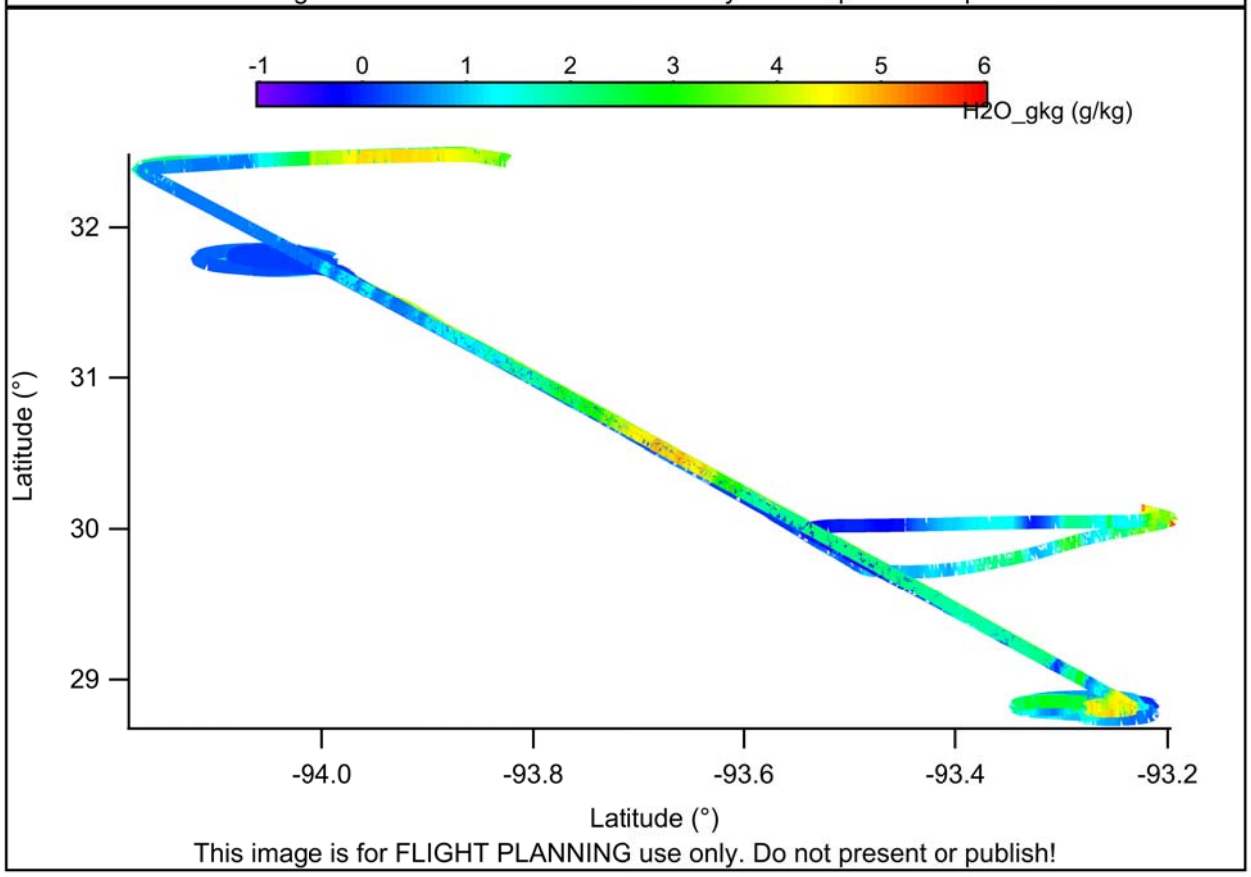
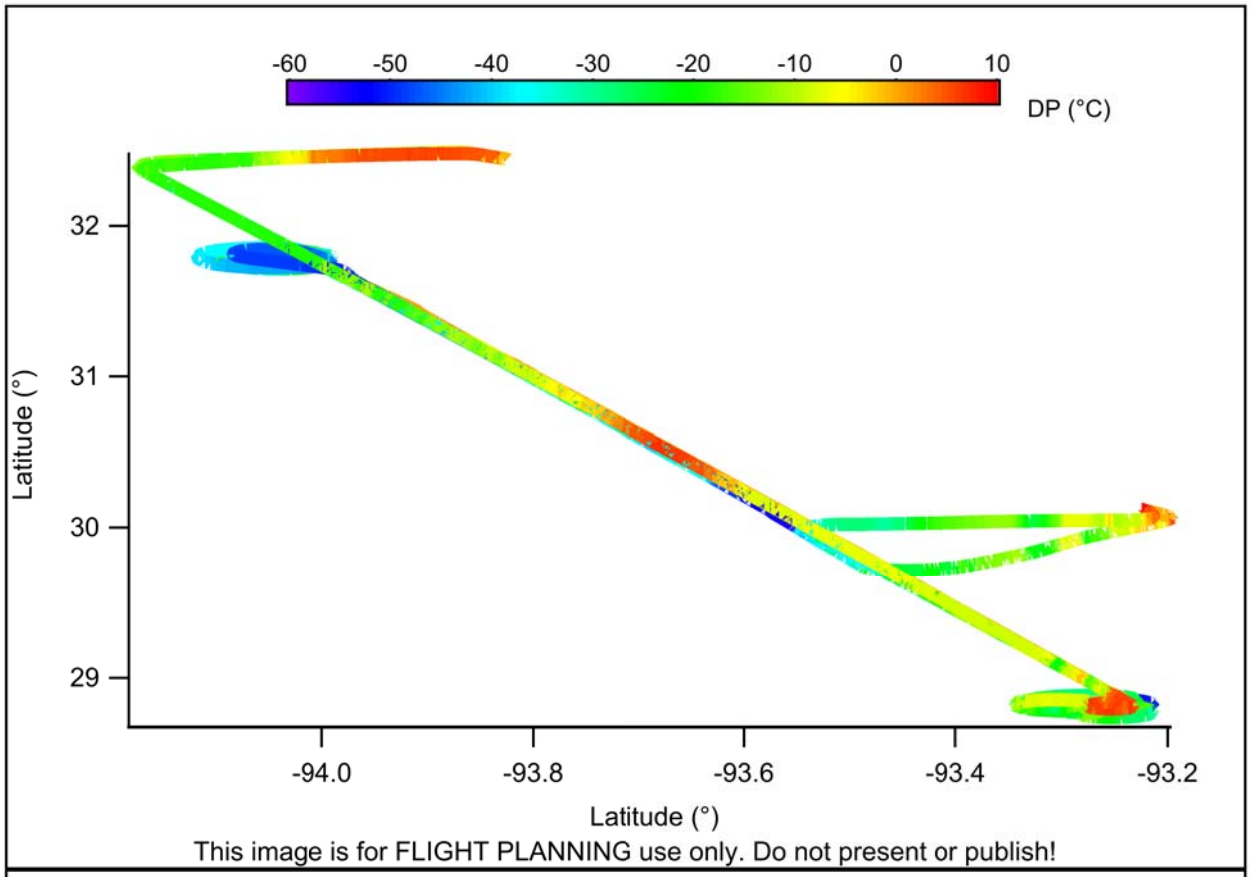
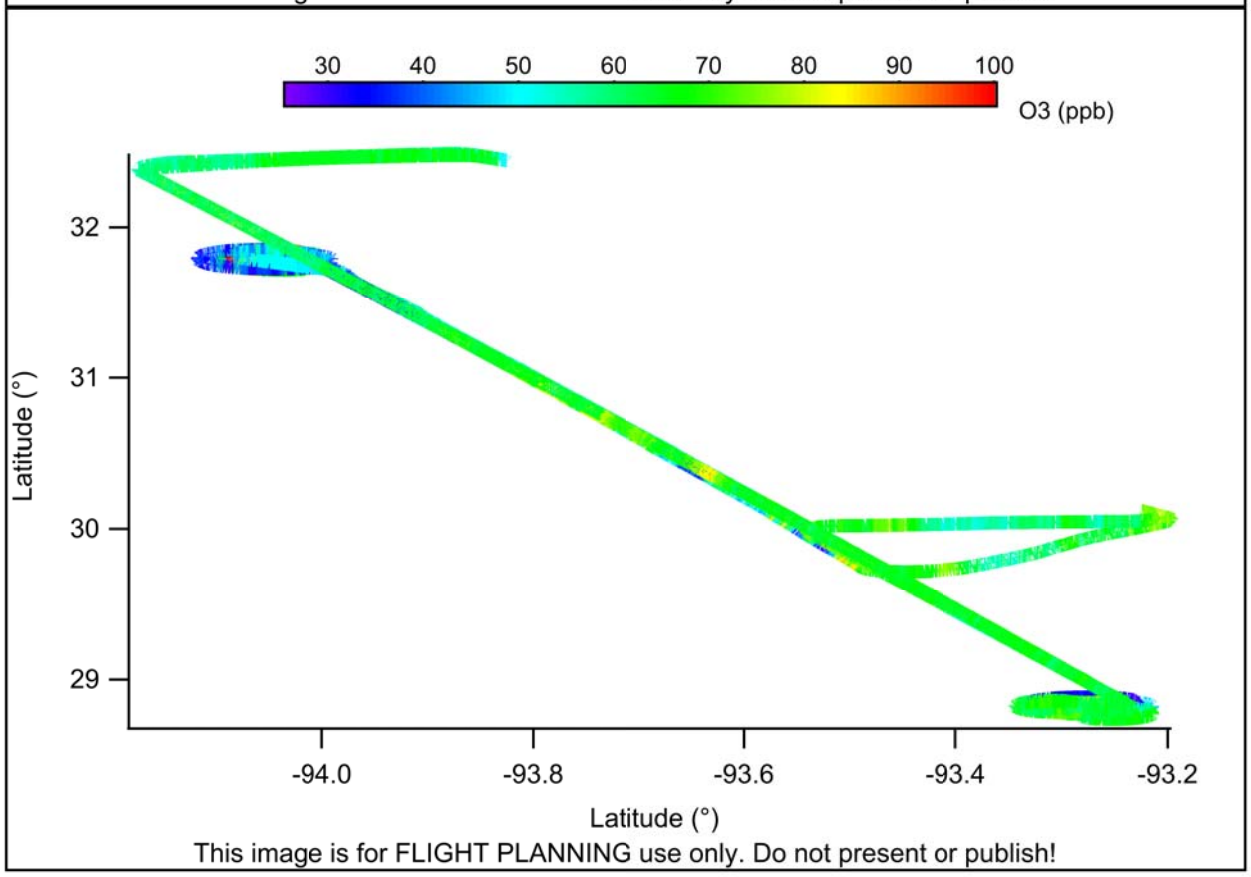

406
408
410
412
414
416
CO2 (ppm)
32
31
30
29
Latitude (°)
-94.0
-93.8
-93.6
-93.4
-93.2
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

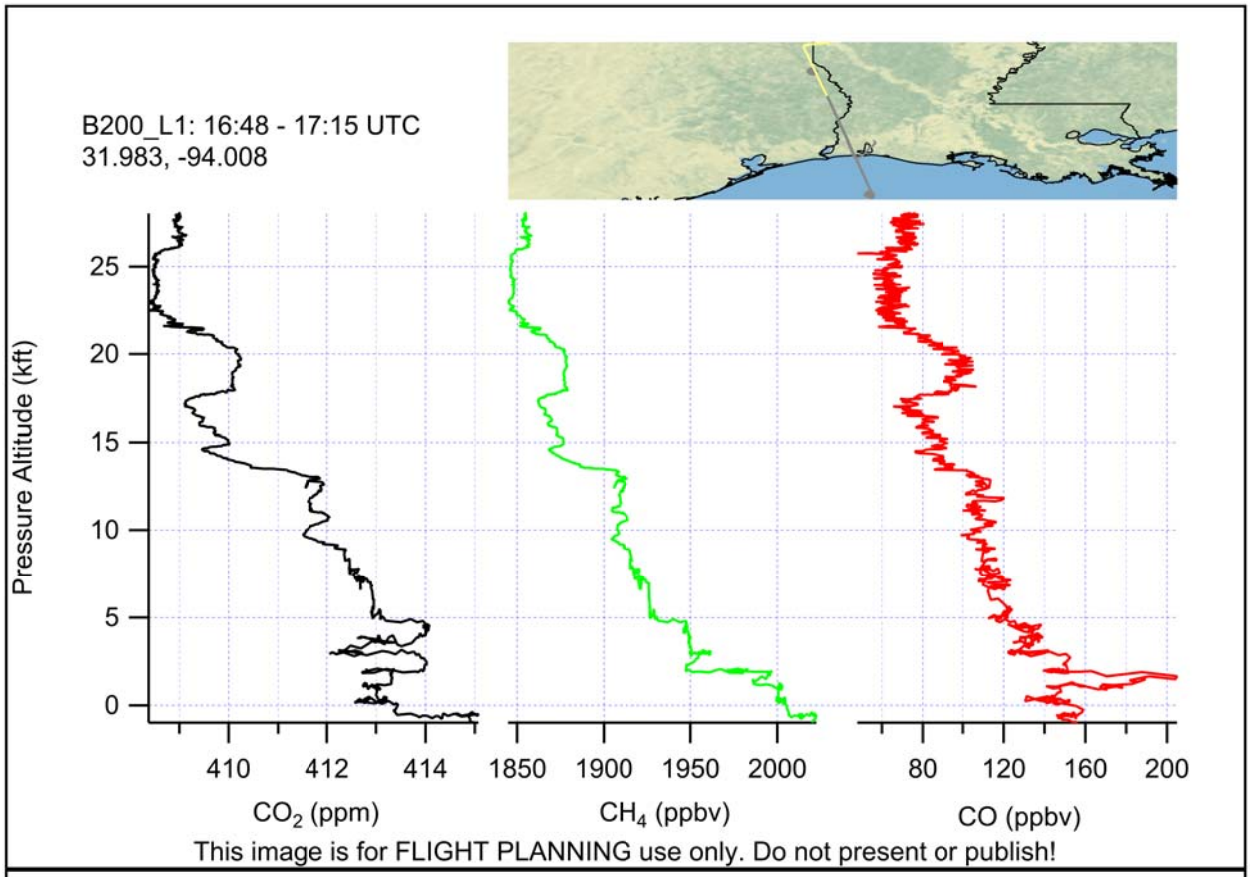

1.85
1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
32
31
30
29
Latitude (°)
-94.0
-93.8
-93.6
-93.4
-93.2
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

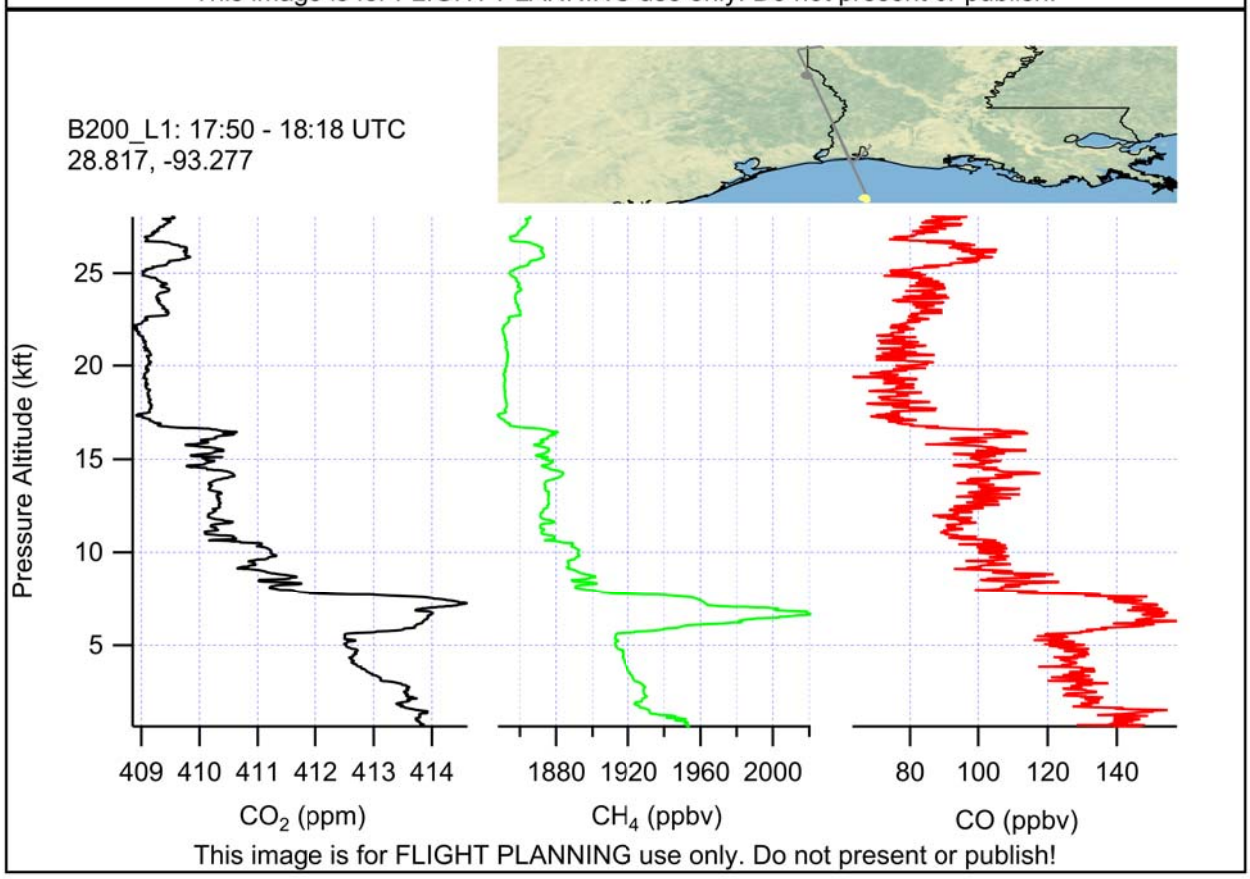

0.05
0.10
0.15
0.20
0.25
0.30
CO (ppm)
32
31
30
29
Latitude (°)
-94.0
-93.8
-93.6
-93.4
-93.2
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

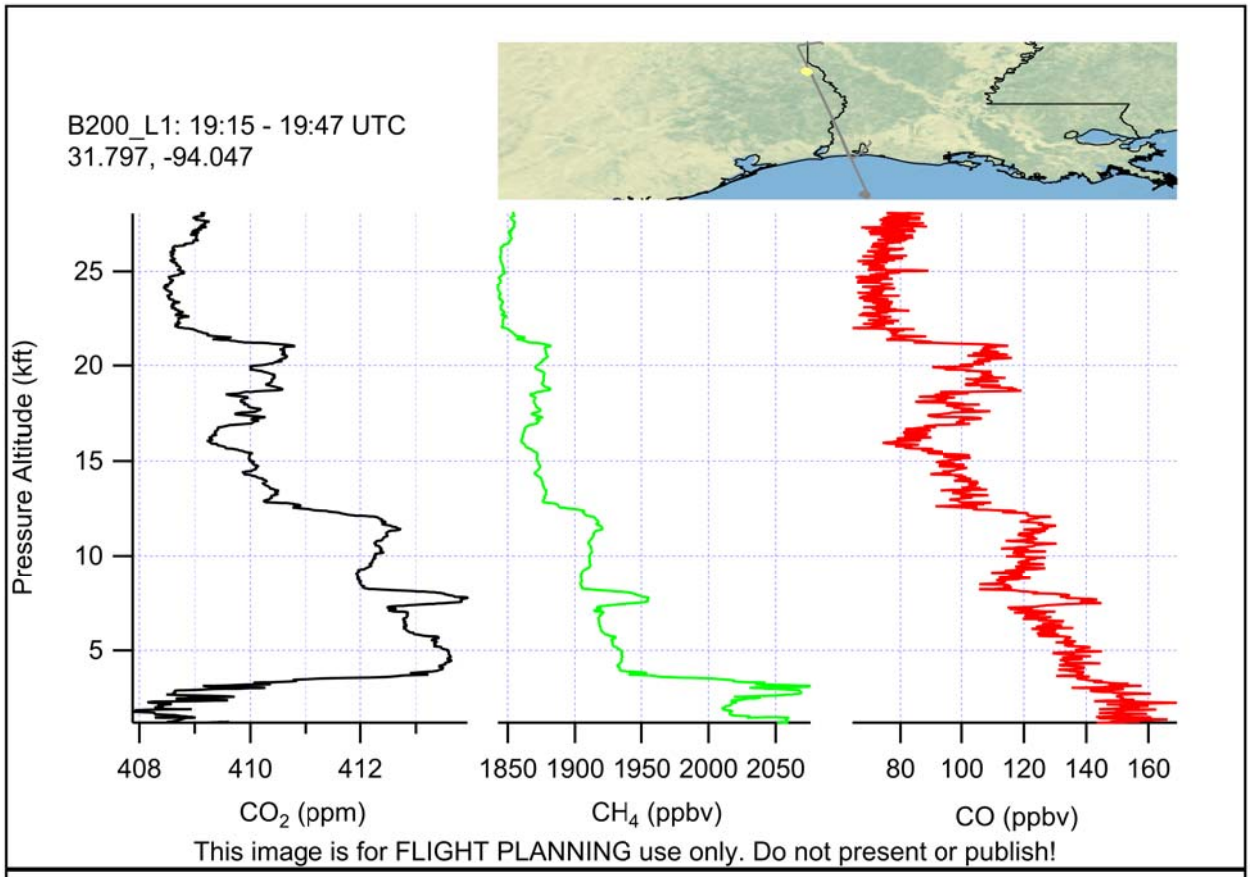

-1
0
1
2
3
4
5
6
H2O_gkg (g/kg)
32
31
30
29
Latitude (°)
-94.0
-93.8
-93.6
-93.4
-93.2
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

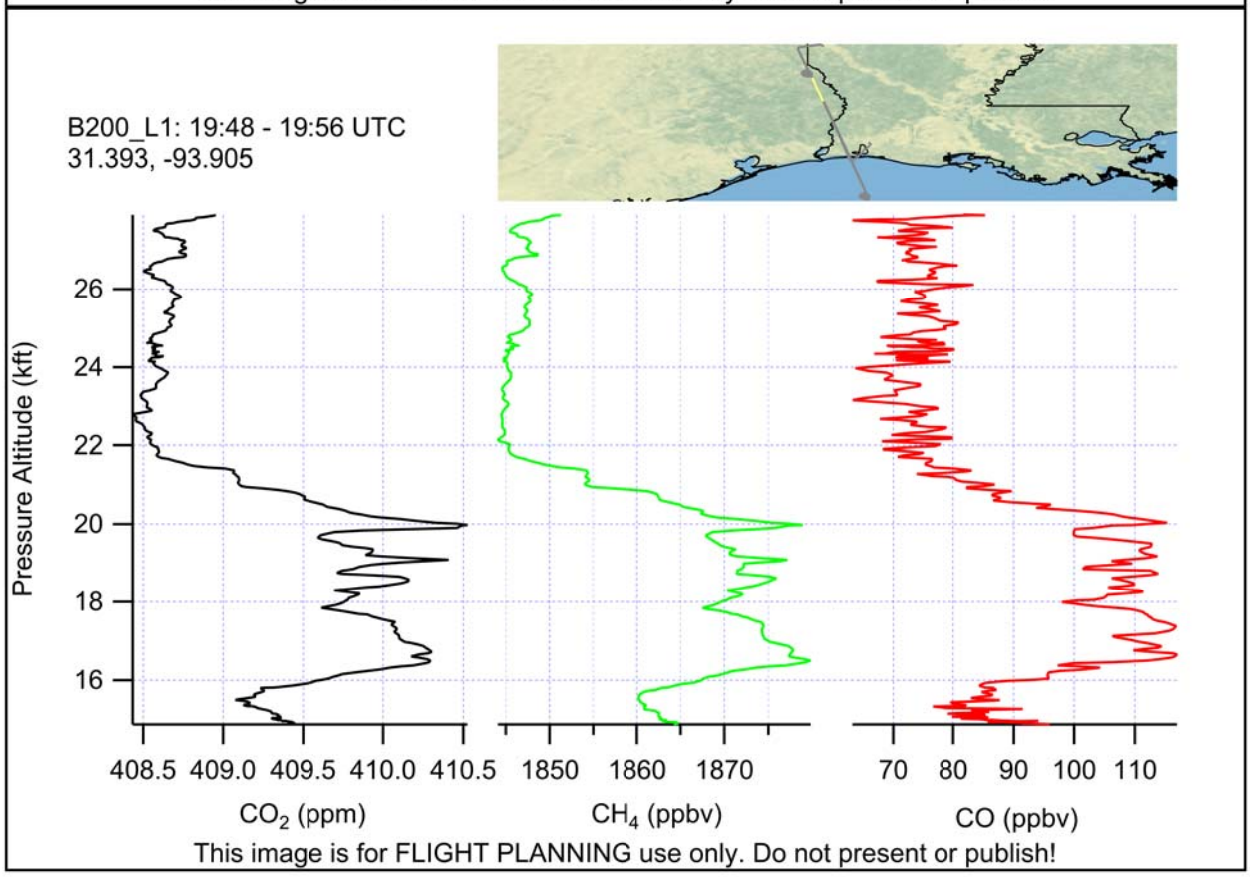

-60
-50
-40
-30
-20
-10
0
10
DP (°C)
32
31
30
29
Latitude (°)
-94.0
-93.8
-93.6
-93.4
-93.2
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

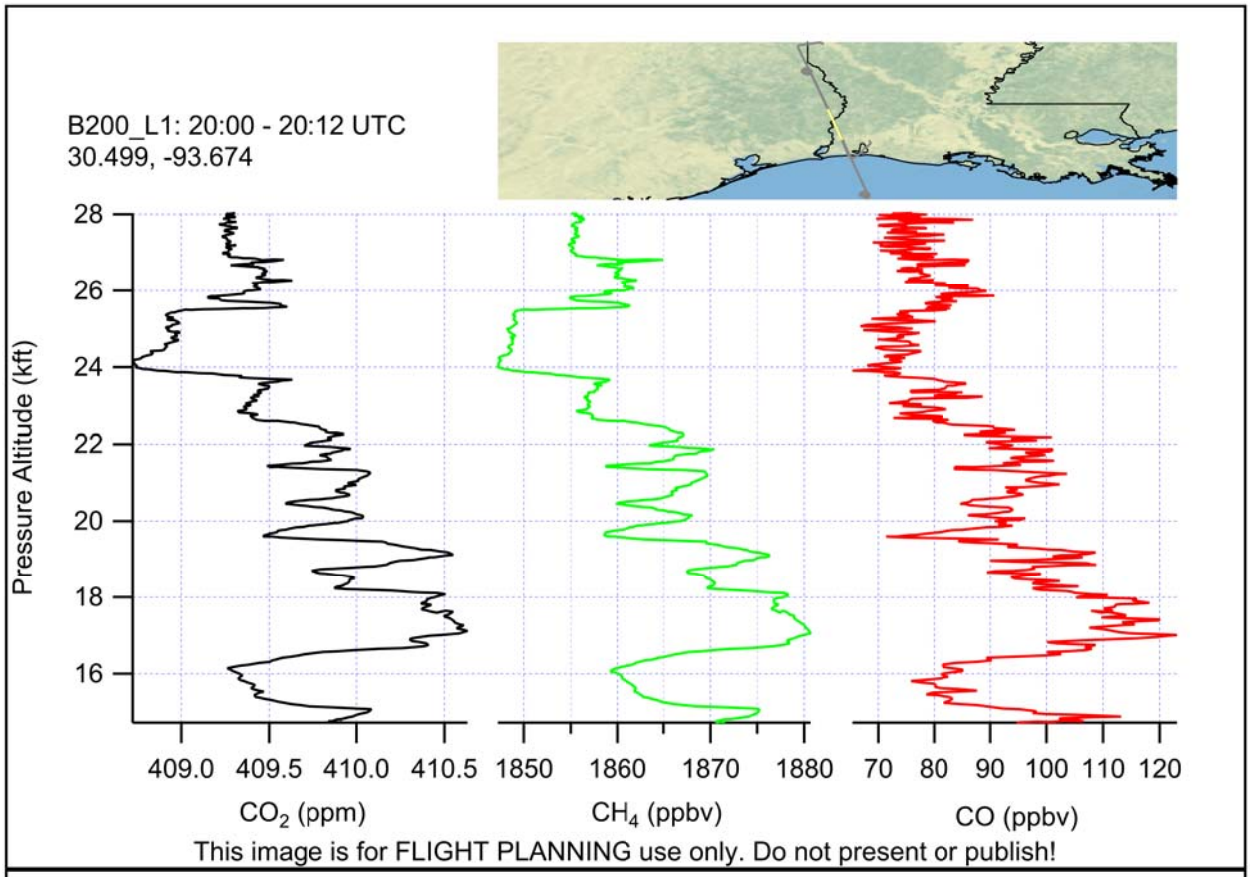

30
40
50
60
70
80
90
100
O3 (ppb)
32
31
30
29
Latitude (°)
-94.0
-93.8
-93.6
-93.4
-93.2
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

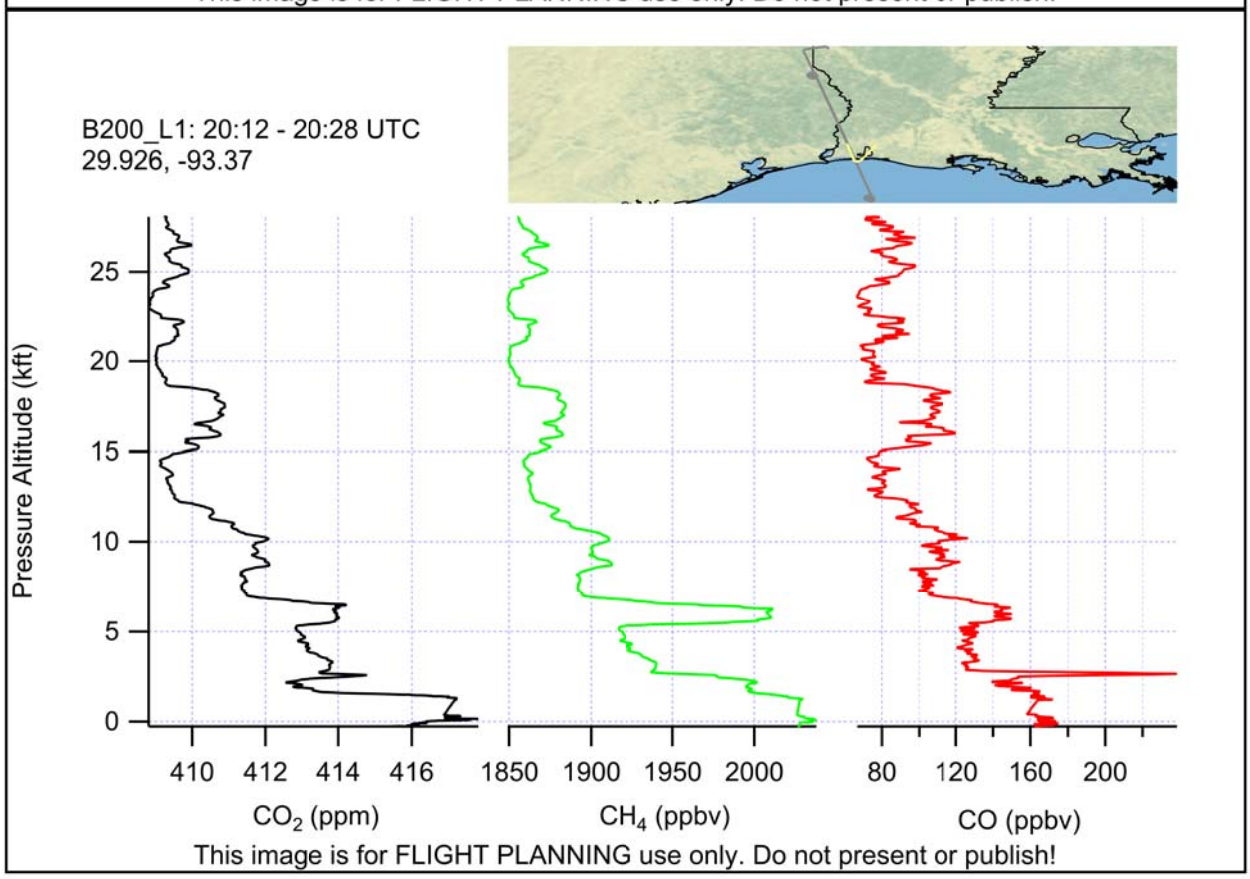

B200_L1: 16:48 - 17:15 UTC
31.983, -94.008
Pressure Altitude (kft)
25
20
15
10
5
0
410
412
414
1850
1900
1950
2000
80
120
160
200
CO_2 (ppm)
CH_4 (ppbv)
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

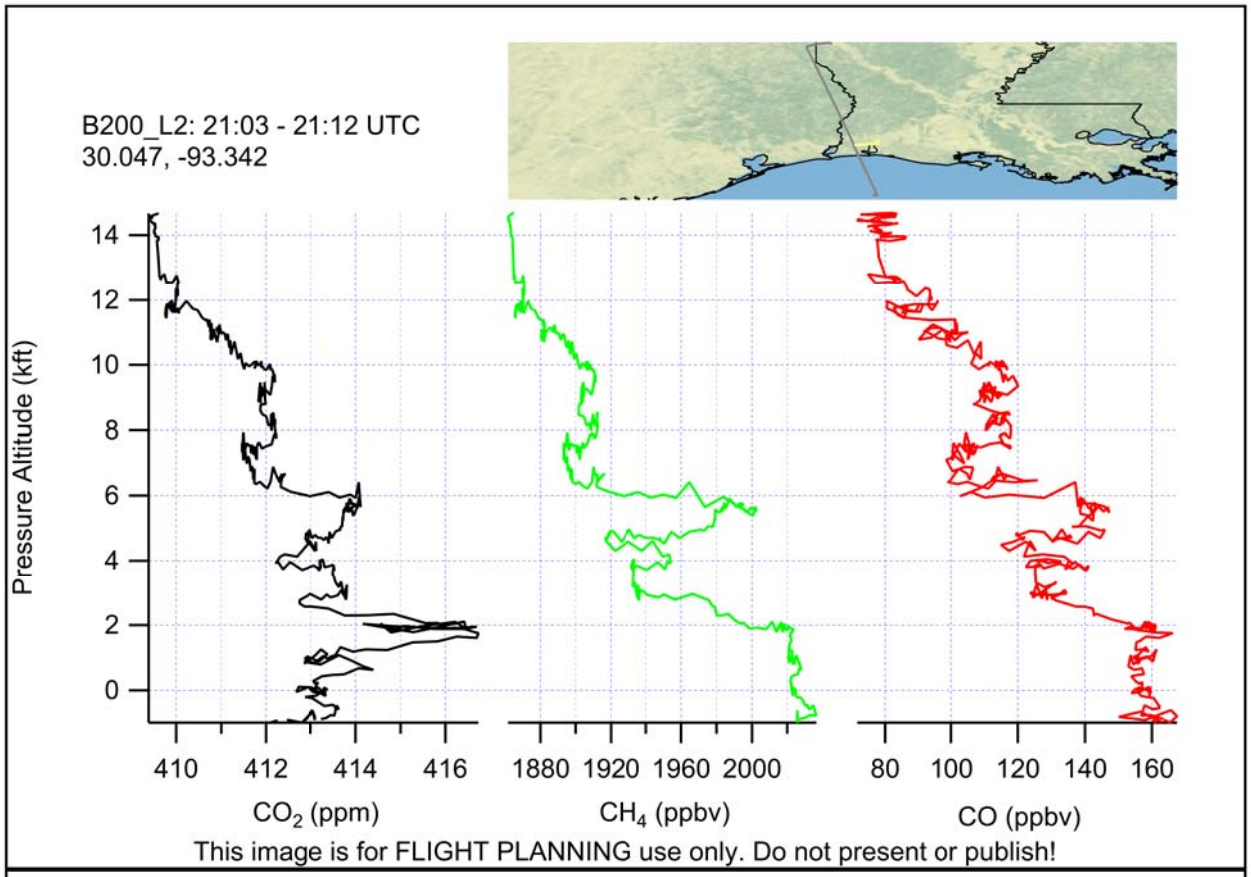

B200_L1: 17:50 - 18:18 UTC
28.817, -93.277
Pressure Altitude (kft)
25
20
15
10
5
409
410
411
412
413
414
1880
1920
1960
2000
80
100
120
140
CO_2 (ppm)
CH_4 (ppbv)
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

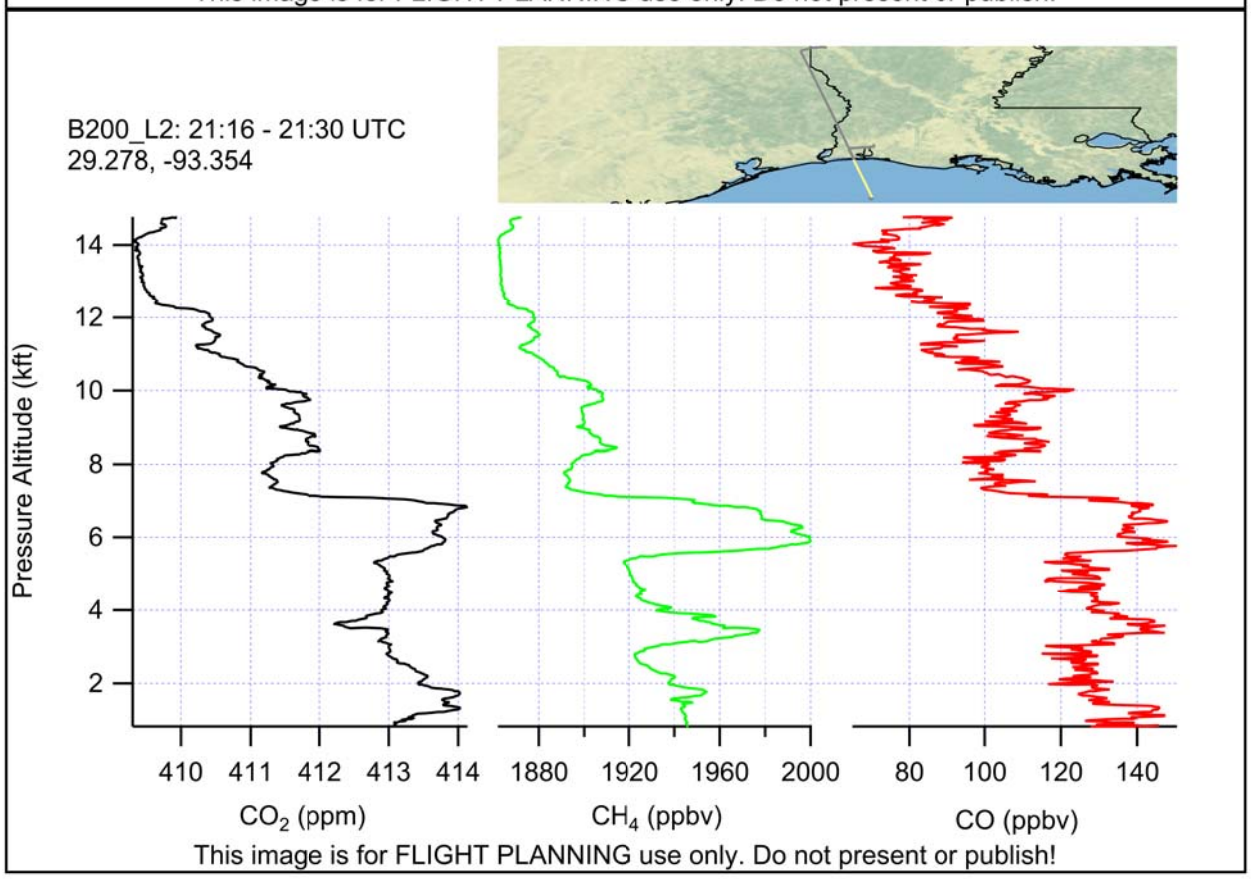

B200_L1: 19:15 - 19:47 UTC
31.797, -94.047
Pressure Altitude (kft)
25
20
15
10
5
408
410
412
CO_2 (ppm)
1850 1900 1950 2000 2050
CH_4 (ppbv)
80 100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

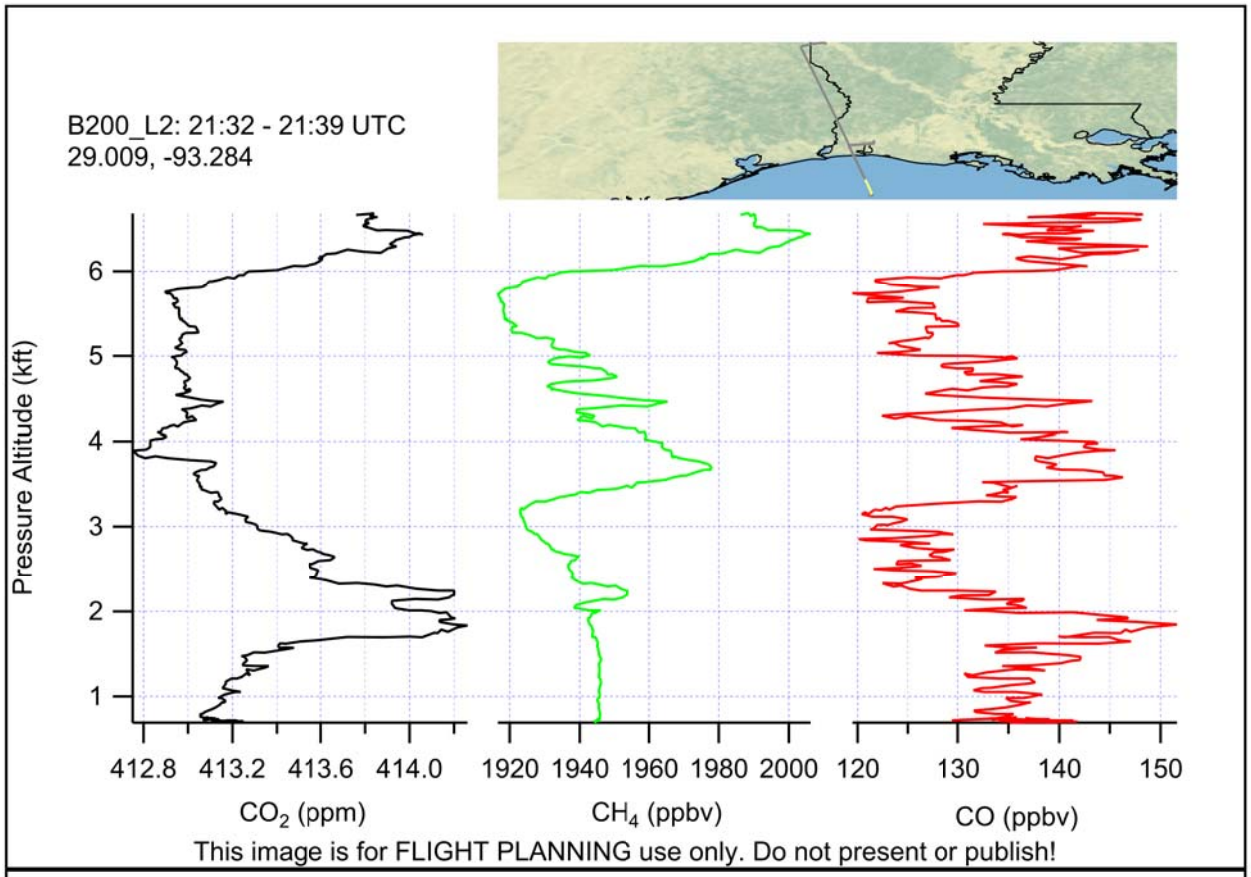

B200_L1: 19:48 - 19:56 UTC
31.393, -93.905
Pressure Altitude (kft)
26
24
22
20
18
16
408.5 409.0 409.5 410.0 410.5
CO_2 (ppm)
1850 1860 1870
CH_4 (ppbv)
70 80 90 100 110
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

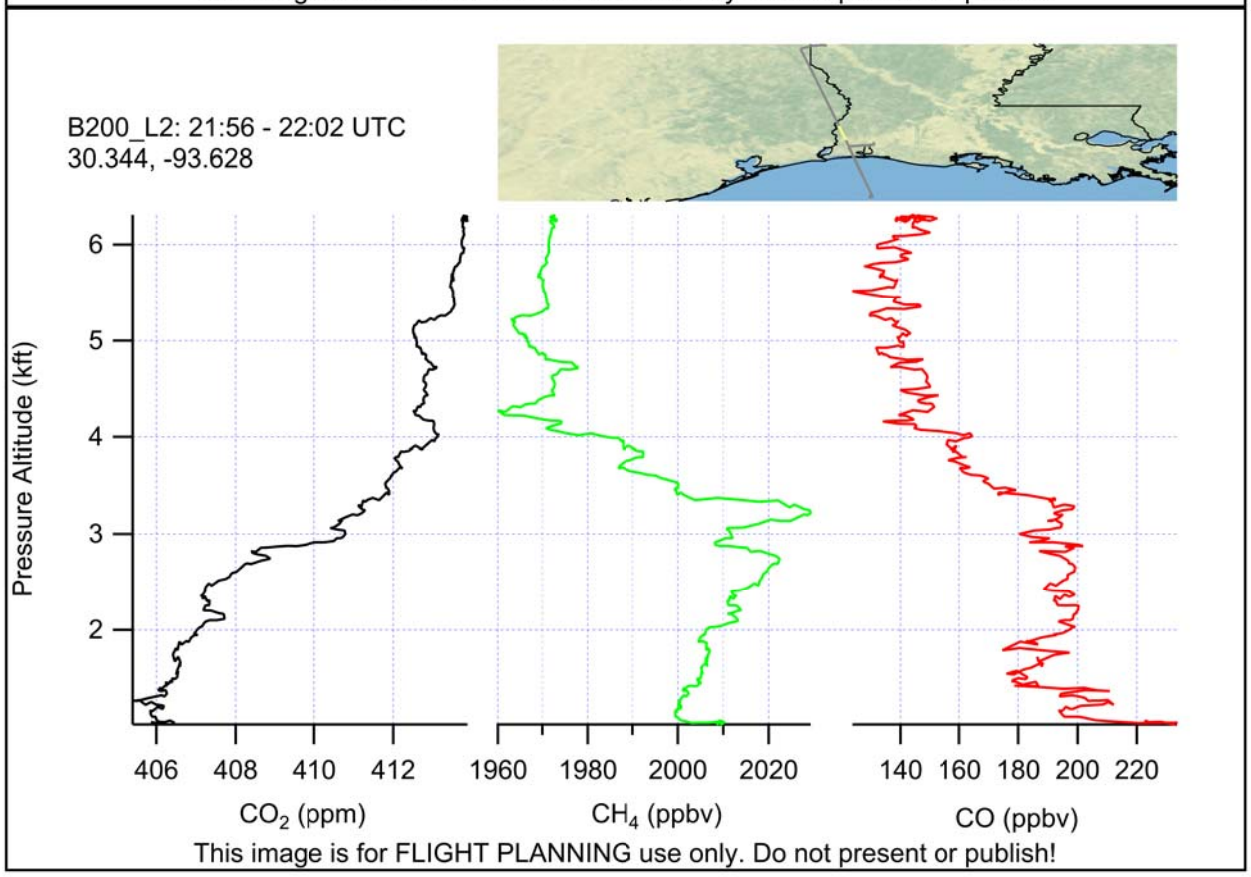

B200_L1: 20:00 - 20:12 UTC
30.499, -93.674
Pressure Altitude (kft)
28
26
24
22
20
18
16
409.0 409.5 410.0 410.5
CO2 (ppm)
1850 1860 1870 1880
CH4 (ppbv)
70 80 90 100 110 120
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

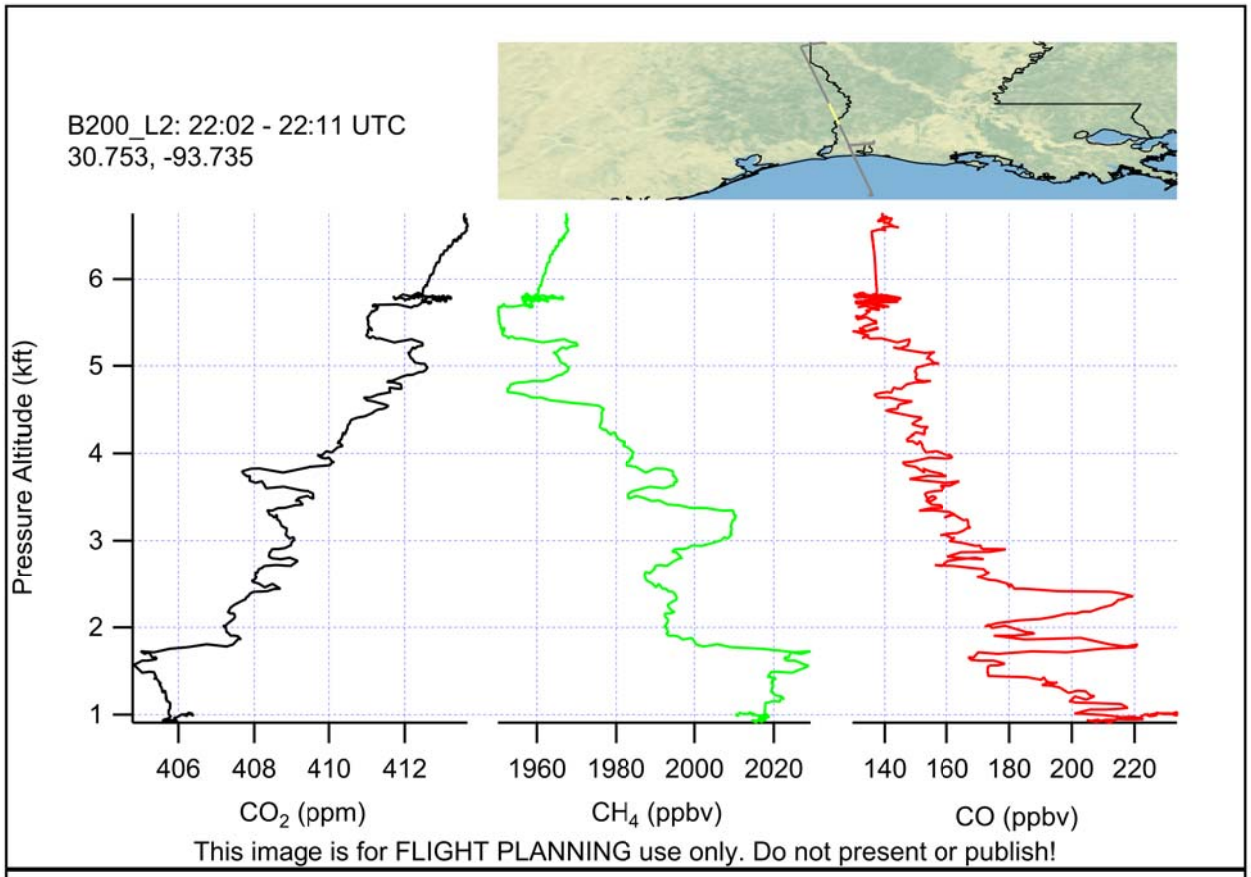

B200_L1: 20:12 - 20:28 UTC
29.926, -93.37
Pressure Altitude (kft)
25
20
15
10
5
0
410 412 414 416
CO2 (ppm)
1850 1900 1950 2000
CH4 (ppbv)
80 120 160 200
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

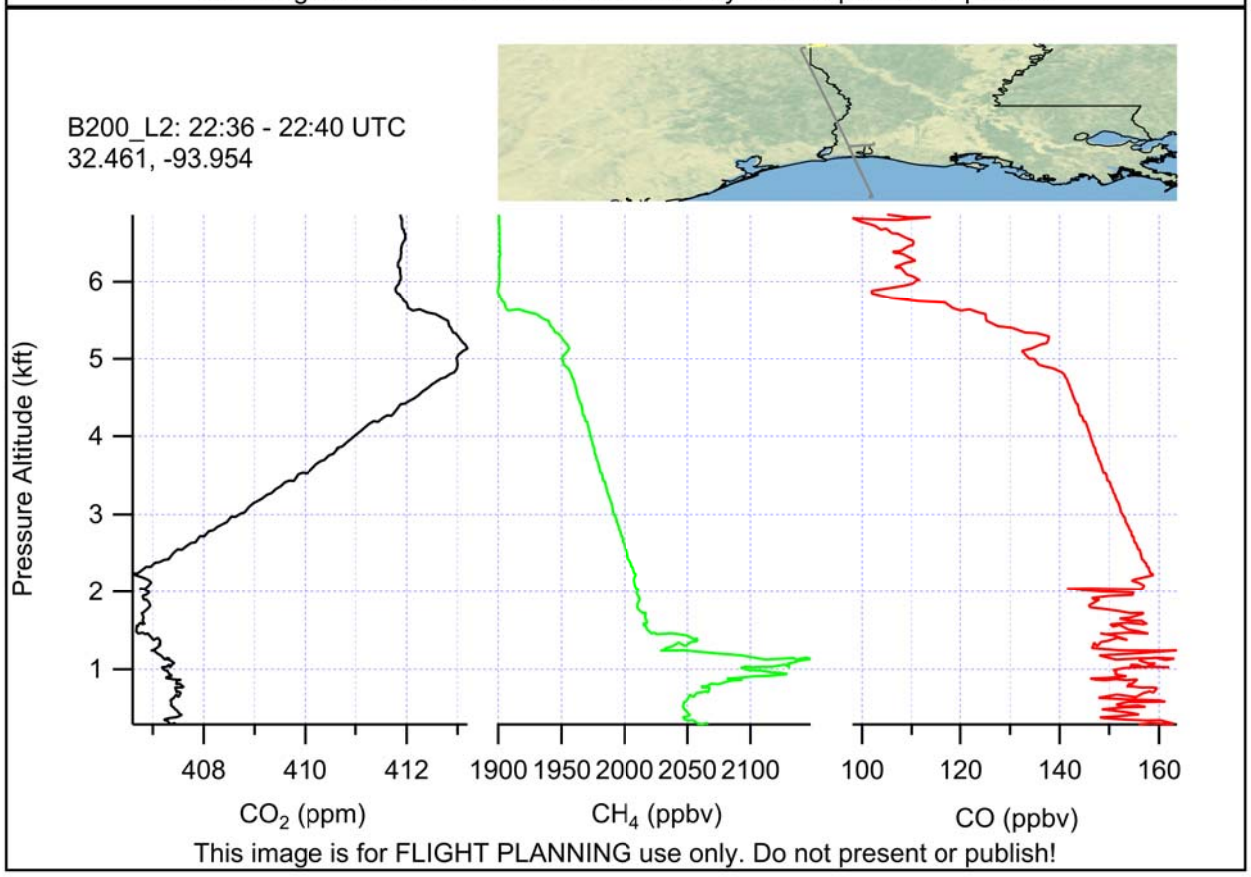

B200_L2: 21:03 - 21:12 UTC
30.047, -93.342
Pressure Altitude (kft)
14
12
10
8
6
4
2
0
410
412
414
416
CO_2 (ppm)
1880
1920
1960
2000
CH_4 (ppbv)
80
100
120
140
160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

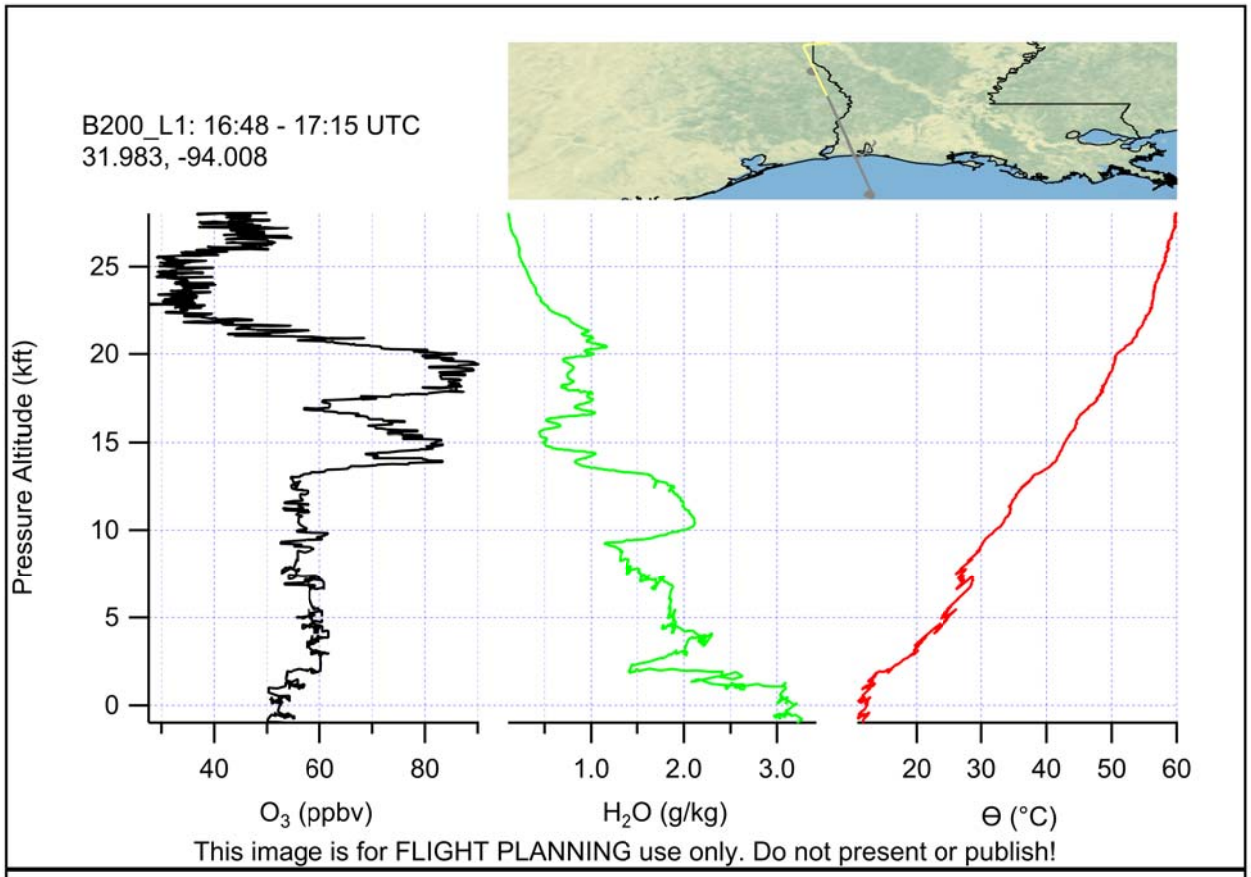

B200_L2: 21:16 - 21:30 UTC
29.278, -93.354
Pressure Altitude (kft)
14
12
10
8
6
4
2
410
411
412
413
414
CO_2 (ppm)
1880
1920
1960
2000
CH_4 (ppbv)
80
100
120
140
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

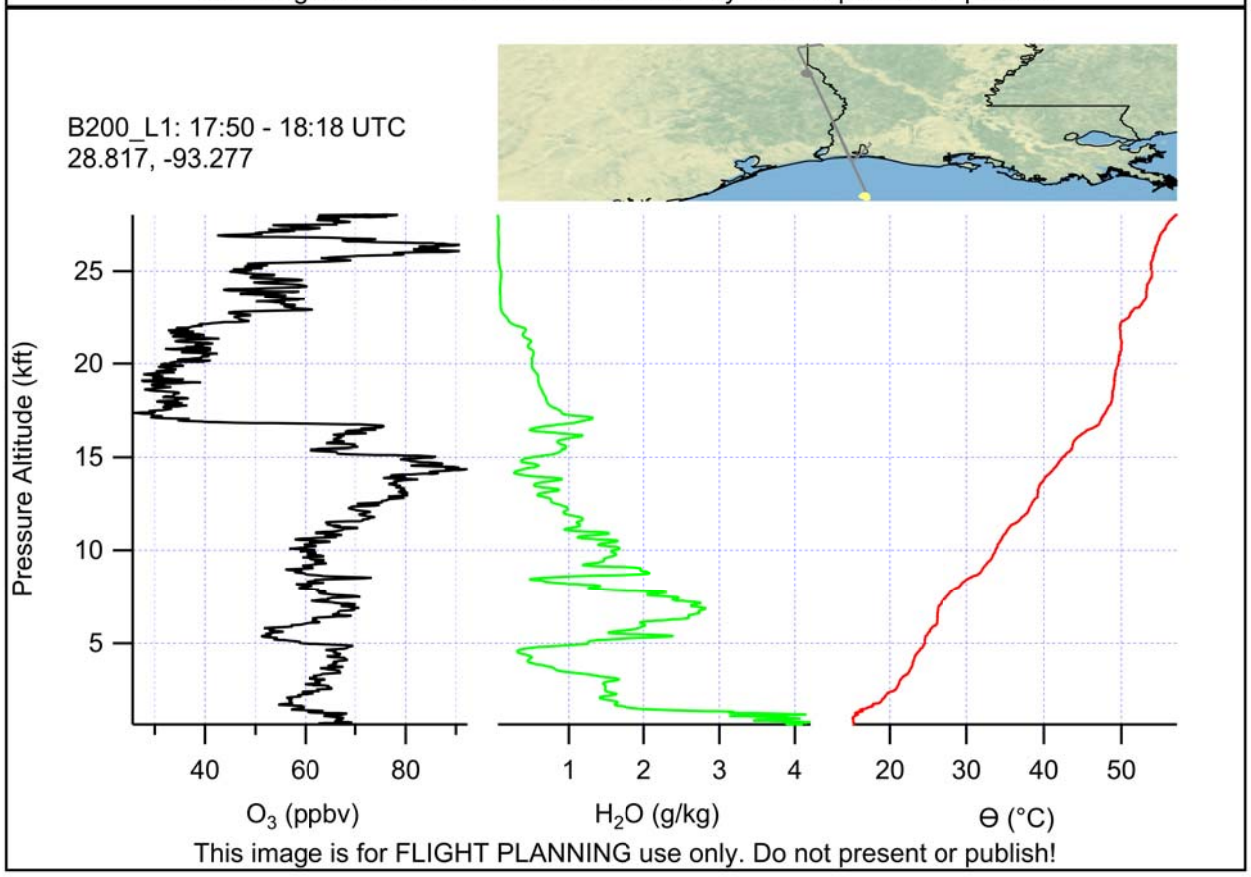

B200_L2: 21:32 - 21:39 UTC
29.009, -93.284
Pressure Altitude (kft)
1
2
3
4
5
6
412.8 413.2 413.6 414.0
CO2 (ppm)
1920 1940 1960 1980 2000
CH4 (ppbv)
120 130 140 150
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

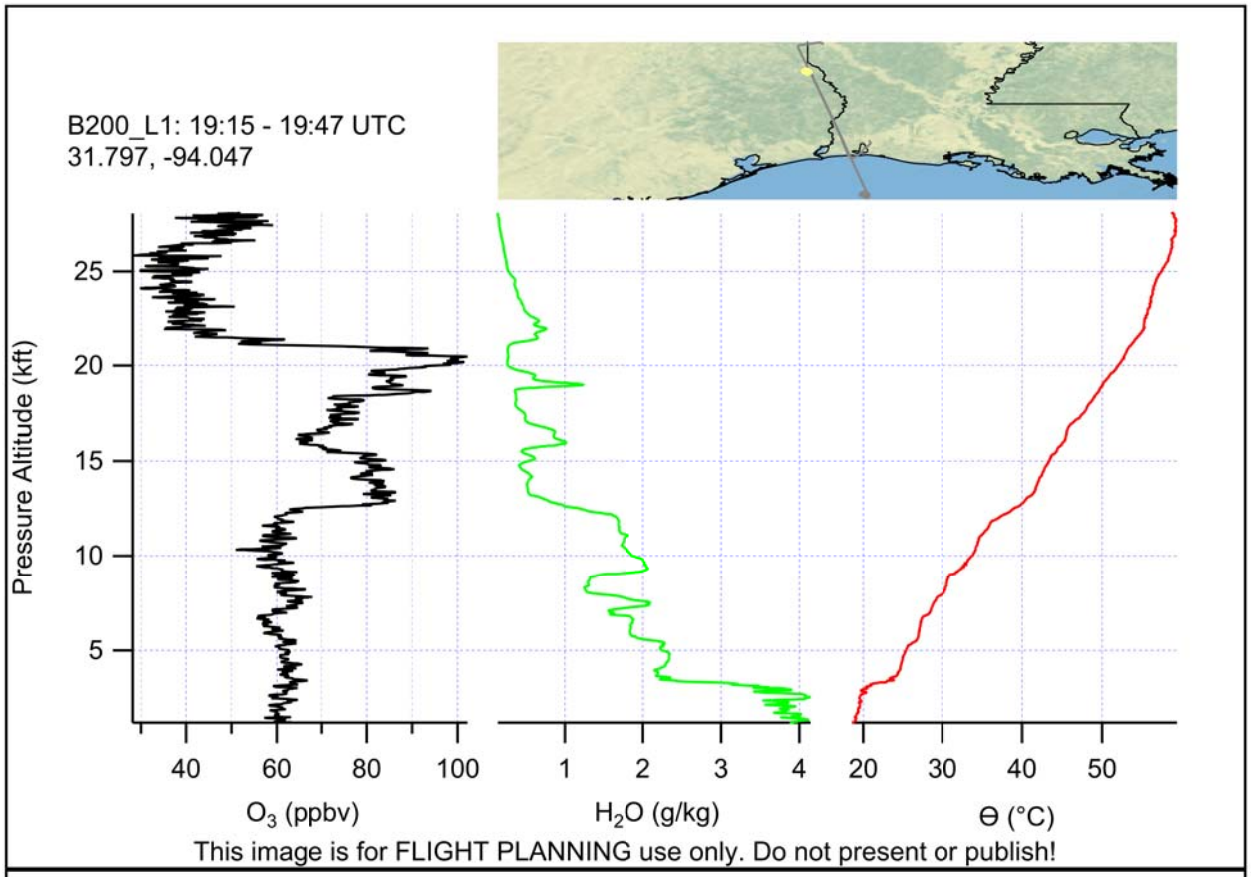

B200_L2: 21:56 - 22:02 UTC
30.344, -93.628
Pressure Altitude (kft)
2
3
4
5
6
406 408 410 412
CO2 (ppm)
1960 1980 2000 2020
CH4 (ppbv)
140 160 180 200 220
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

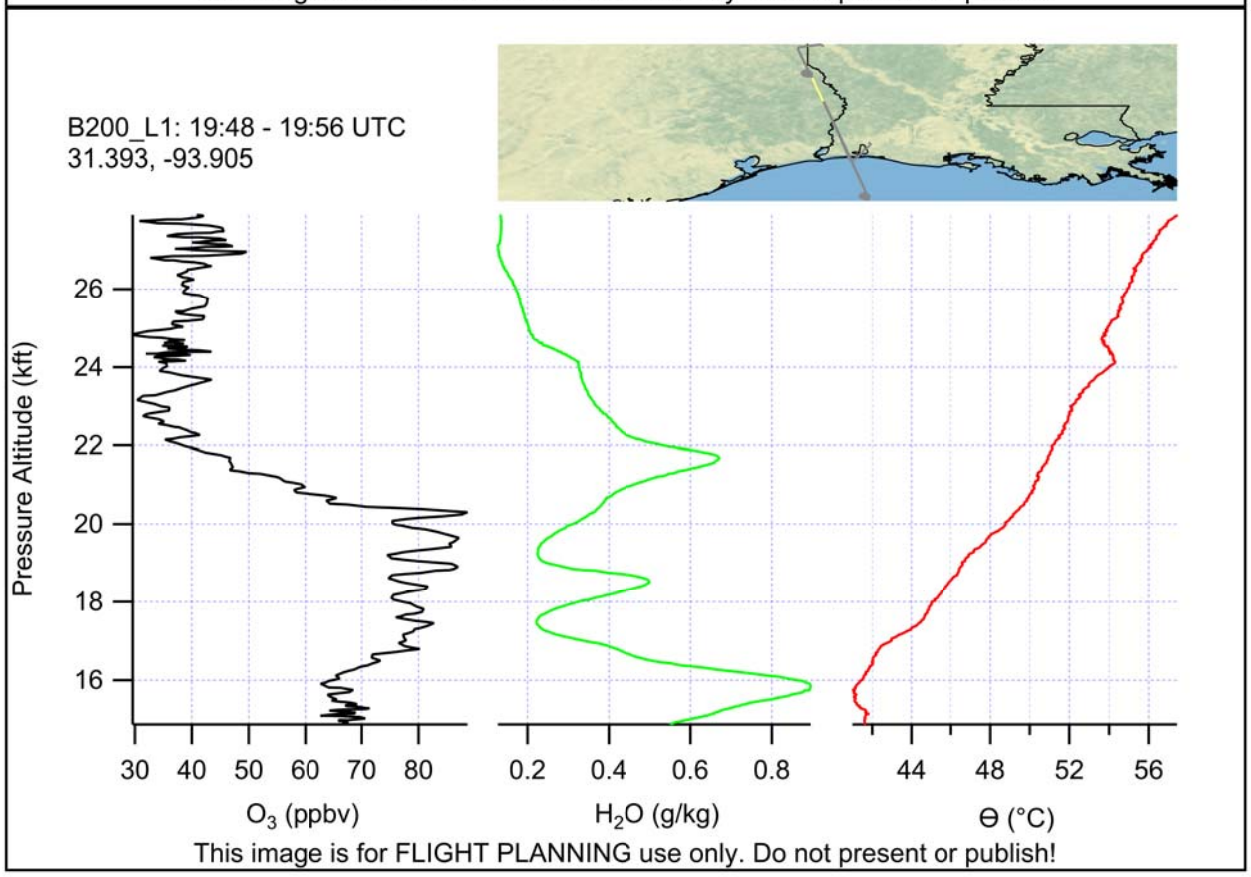

B200_L2: 22:02 - 22:11 UTC
30.753, -93.735
Pressure Altitude (kft)
1
2
3
4
5
6
406 408 410 412
CO2 (ppm)
1960 1980 2000 2020
CH4 (ppbv)
140 160 180 200 220
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 22:36 - 22:40 UTC
32.461, -93.954
Pressure Altitude (kft)
1
2
3
4
5
6
408 410 412
CO2 (ppm)
1900 1950 2000 2050 2100
CH4 (ppbv)
100 120 140 160
CO (ppbv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 16:48 - 17:15 UTC
31.983, -94.008
Pressure Altitude (kft)
25
20
15
10
5
0
40
60
80
O_3 (ppbv)
1.0
2.0
3.0
H_2O (g/kg)
20
30
40
50
60
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 17:50 - 18:18 UTC
28.817, -93.277
Pressure Altitude (kft)
25
20
15
10
5
40
60
80
O_3 (ppbv)
1
2
3
4
H_2O (g/kg)
20
30
40
50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 19:15 - 19:47 UTC
31.797, -94.047
Pressure Altitude (kft)
25
20
15
10
5
40
60
80
100
O_3 (ppbv)
1
2
3
4
H_2O (g/kg)
20
30
40
50
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 19:48 - 19:56 UTC
31.393, -93.905
Pressure Altitude (kft)
26
24
22
20
18
16
30
40
50
60
70
80
O_3 (ppbv)
0.2
0.4
0.6
0.8
H_2O (g/kg)
44
48
52
56
Θ (°C)
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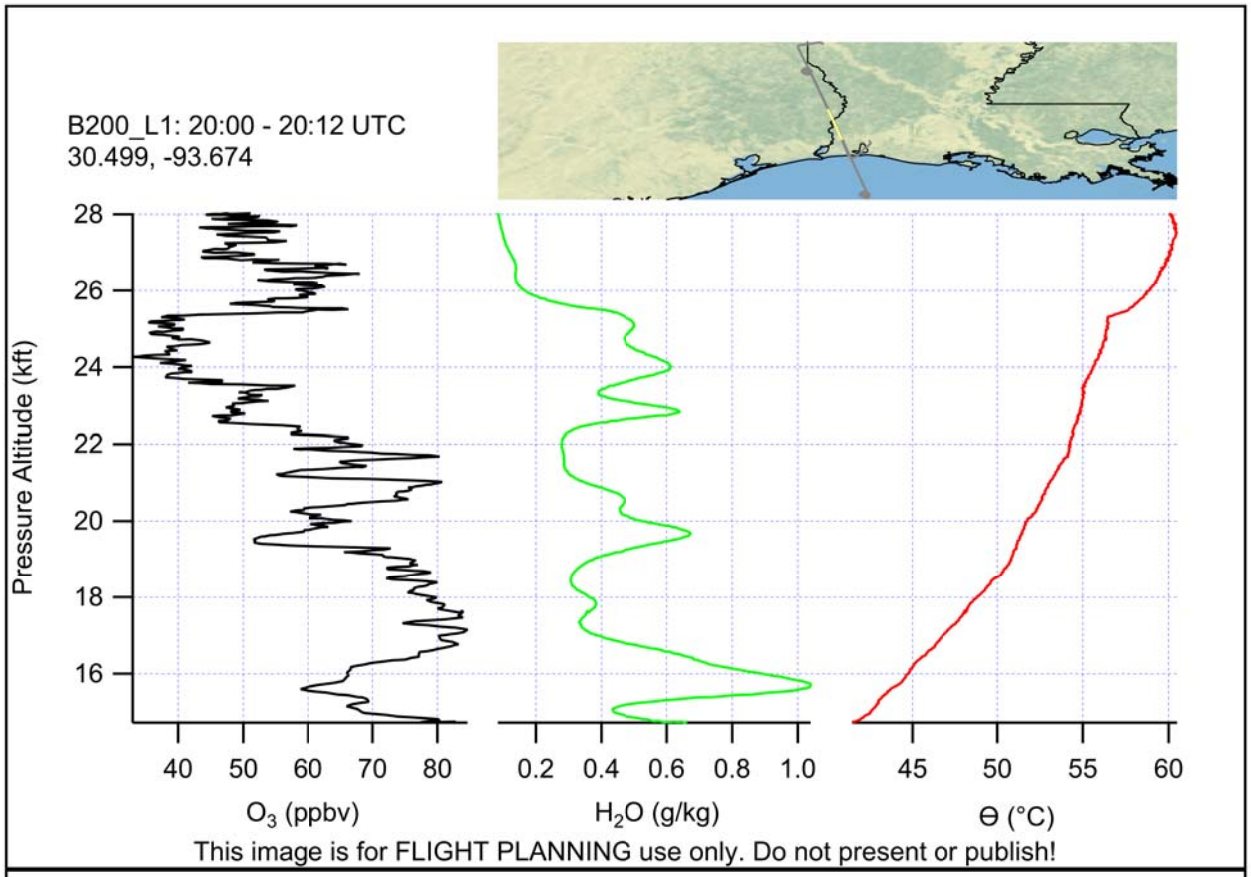
B200_L1: 20:00 - 20:12 UTC
30.499, -93.674
Pressure Altitude (kft)
28
26
24
22
20
18
16
40 50 60 70 80
O3 (ppbv)
0.2 0.4 0.6 0.8 1.0
H2O (g/kg)
45 50 55 60
Θ (°C)
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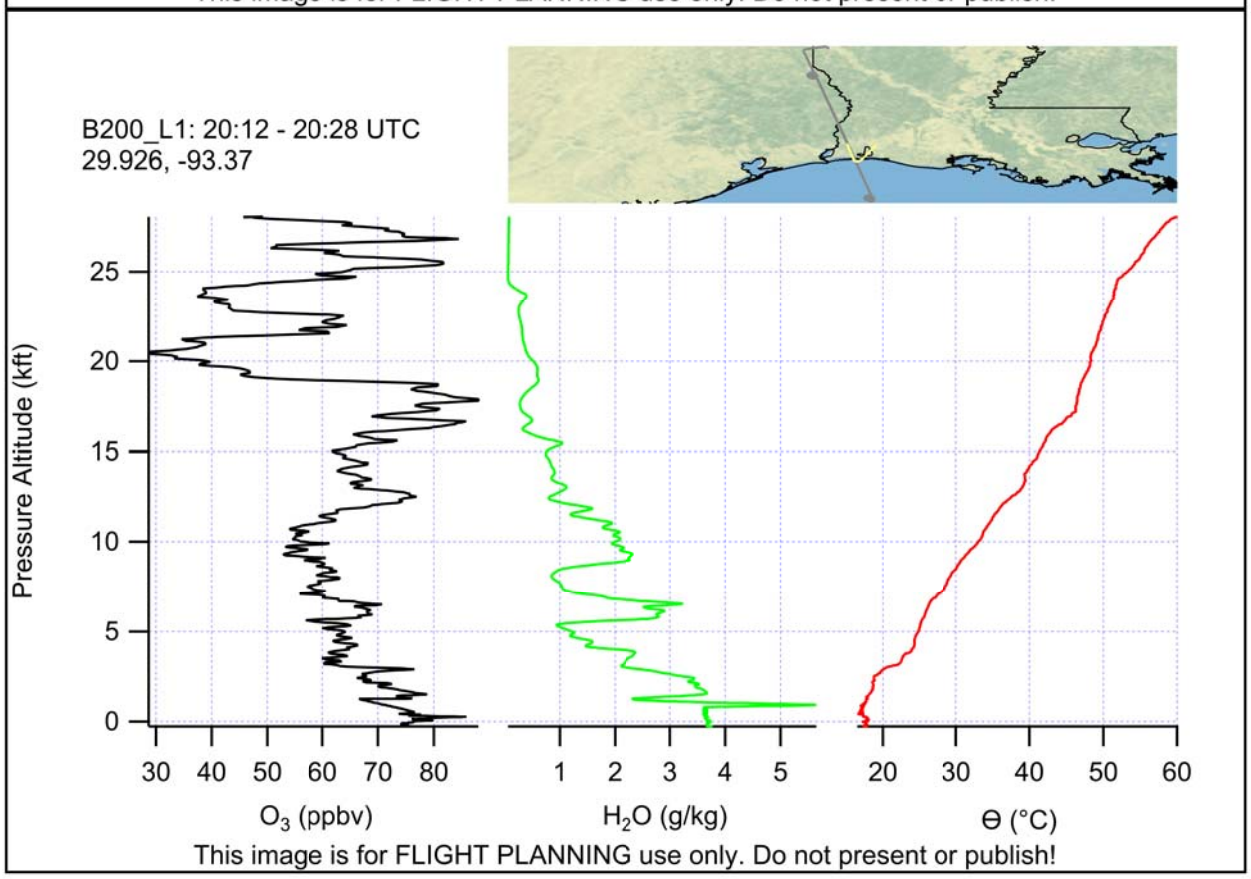
B200_L1: 20:12 - 20:28 UTC
29.926, -93.37
Pressure Altitude (kft)
25
20
15
10
5
0
30 40 50 60 70 80
O3 (ppbv)
1 2 3 4 5
H2O (g/kg)
20 30 40 50 60
Θ (°C)
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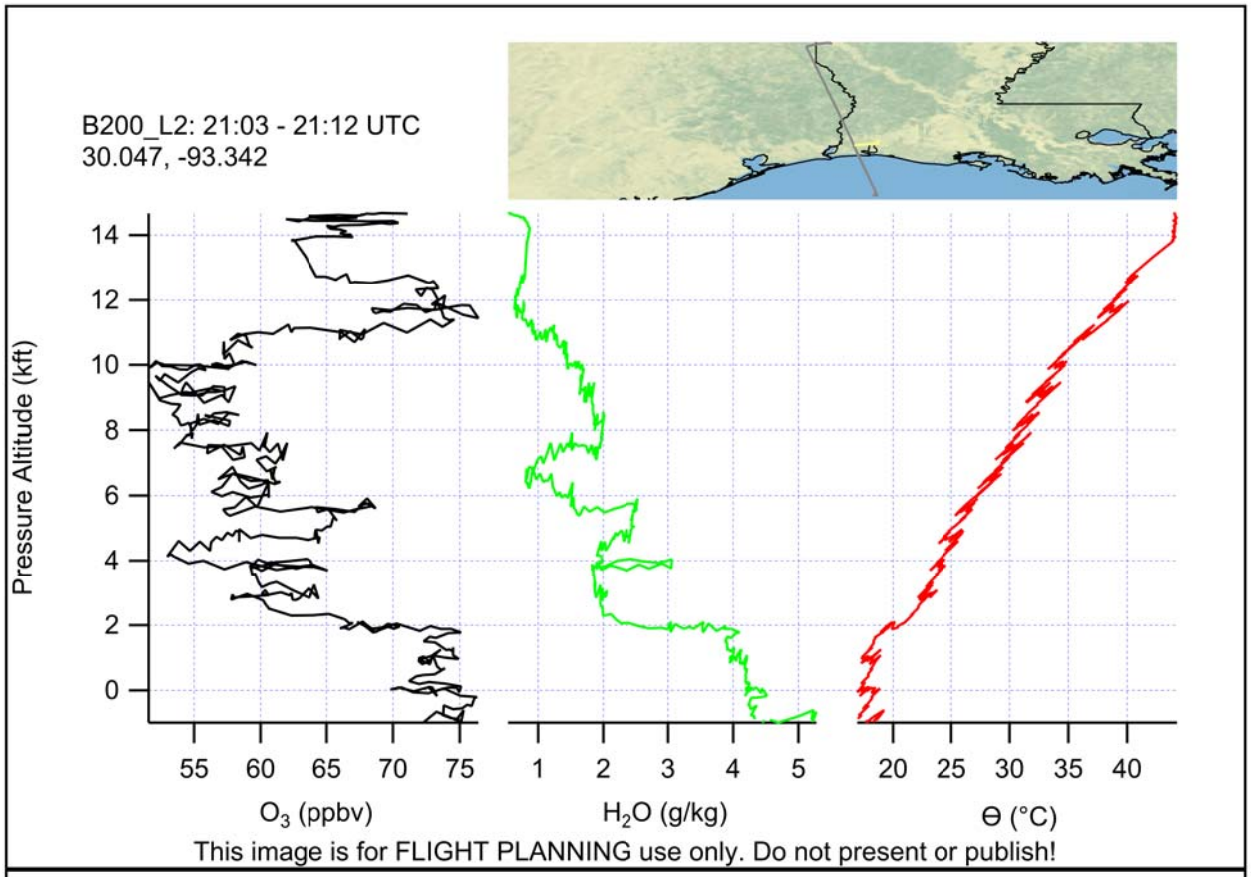
B200_L2: 21:03 - 21:12 UTC
30.047, -93.342
Pressure Altitude (kft)
14
12
10
8
6
4
2
0
55 60 65 70 75
O3 (ppbv)
1 2 3 4 5
H2O (g/kg)
20 25 30 35 40
Θ (°C)
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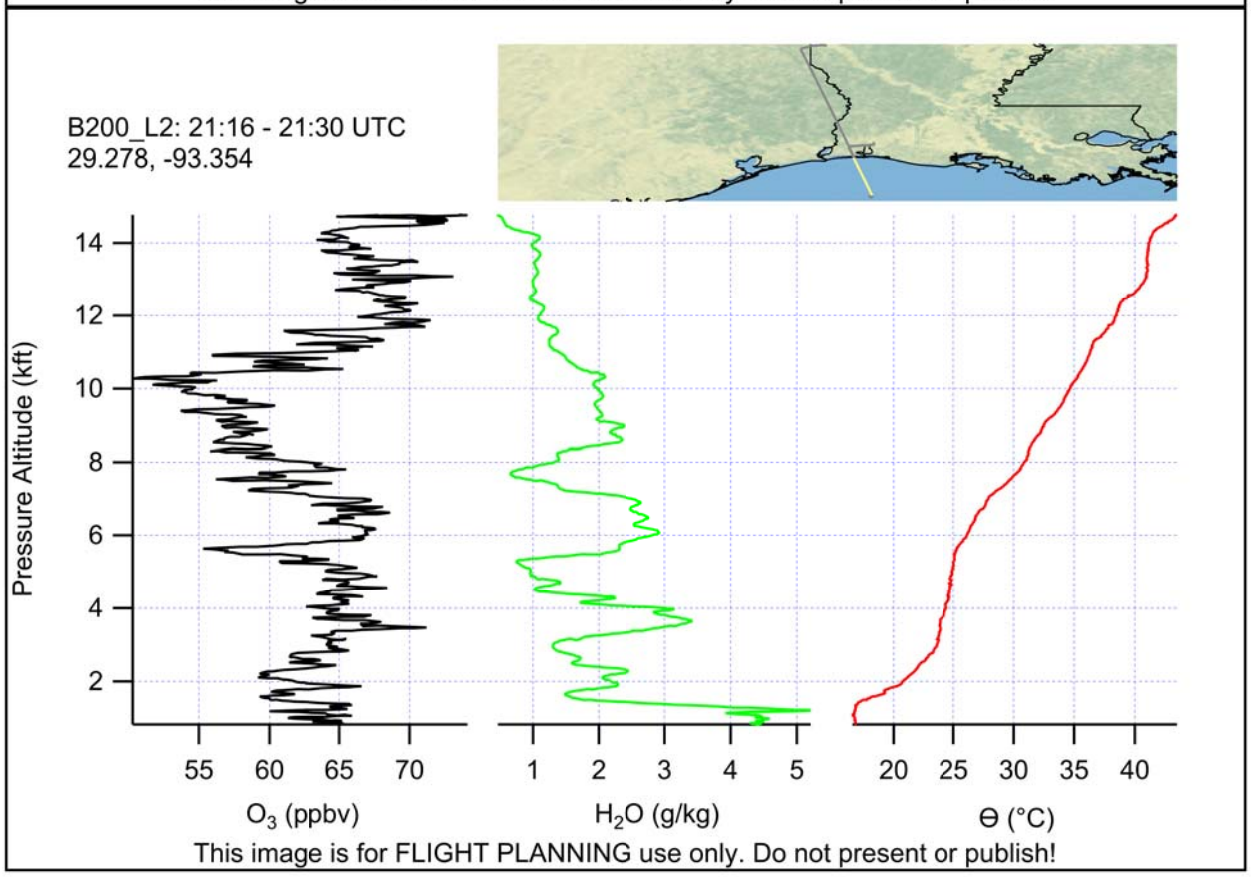
B200_L2: 21:16 - 21:30 UTC
29.278, -93.354
Pressure Altitude (kft)
14
12
10
8
6
4
2
55 60 65 70
O3 (ppbv)
1 2 3 4 5
H2O (g/kg)
20 25 30 35 40
Θ (°C)
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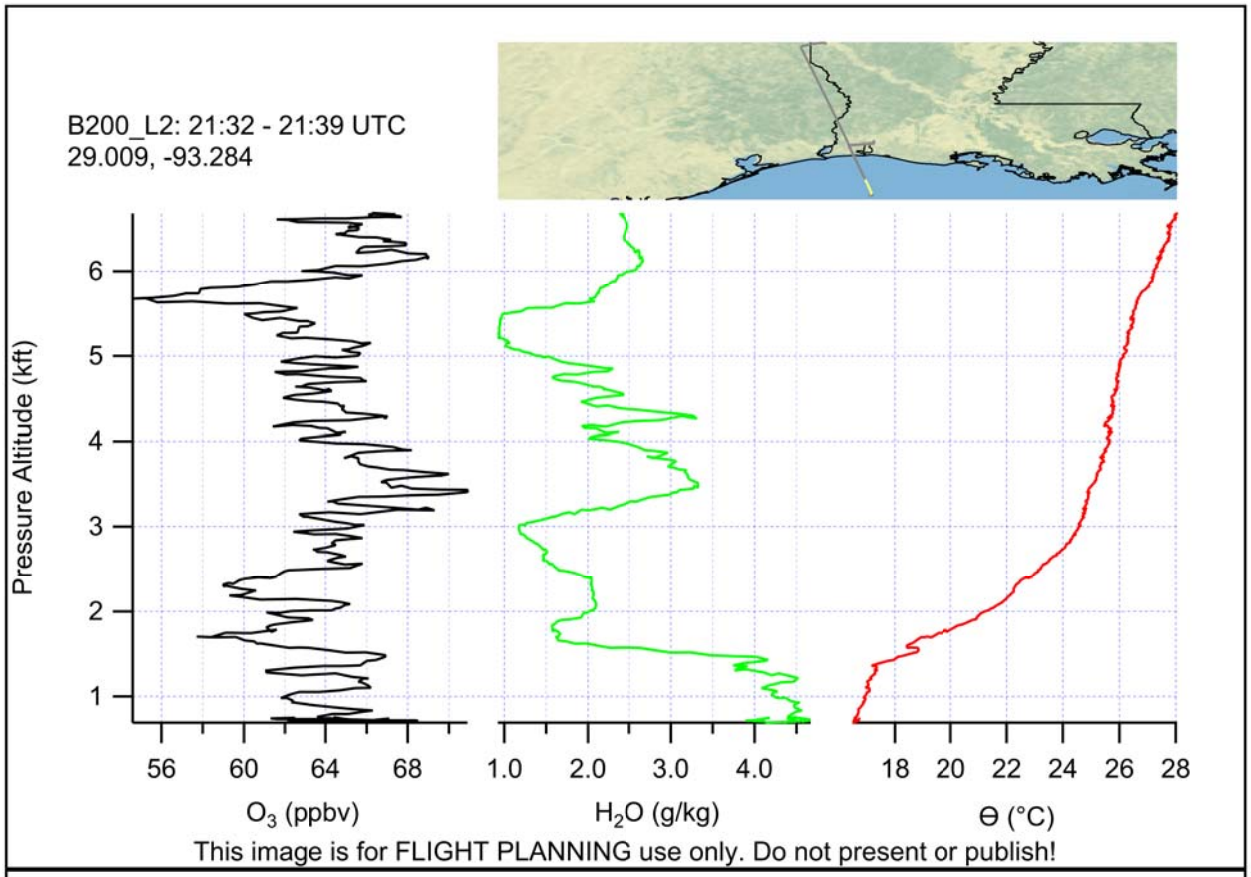
B200_L2: 21:32 - 21:39 UTC
29.009, -93.284
Pressure Altitude (kft)
6
5
4
3
2
1
56 60 64 68
O3 (ppbv)
1.0 2.0 3.0 4.0
H2O (g/kg)
18 20 22 24 26 28
Θ (°C)
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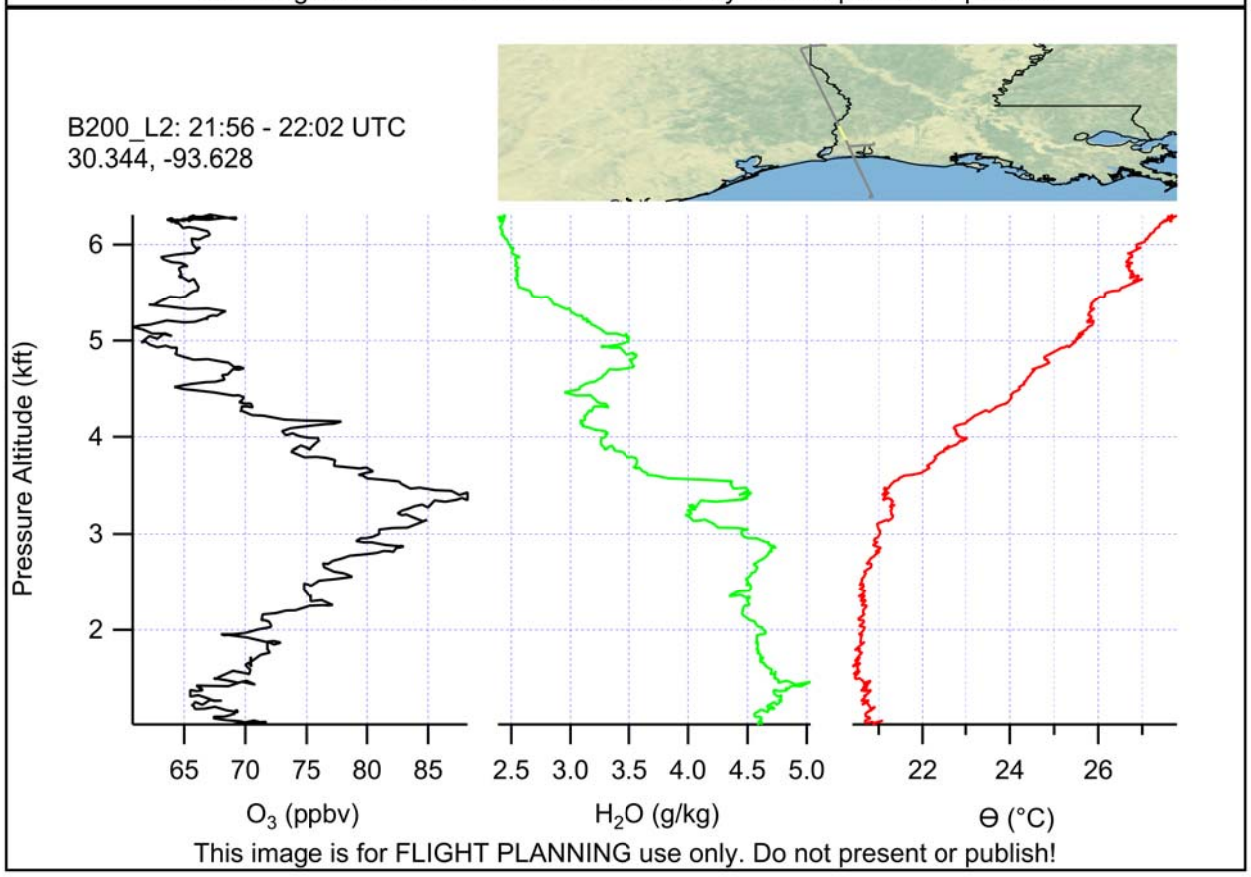
B200_L2: 21:56 - 22:02 UTC
30.344, -93.628
Pressure Altitude (kft)
6
5
4
3
2
65 70 75 80 85
O3 (ppbv)
2.5 3.0 3.5 4.0 4.5 5.0
H2O (g/kg)
22 24 26
Θ (°C)
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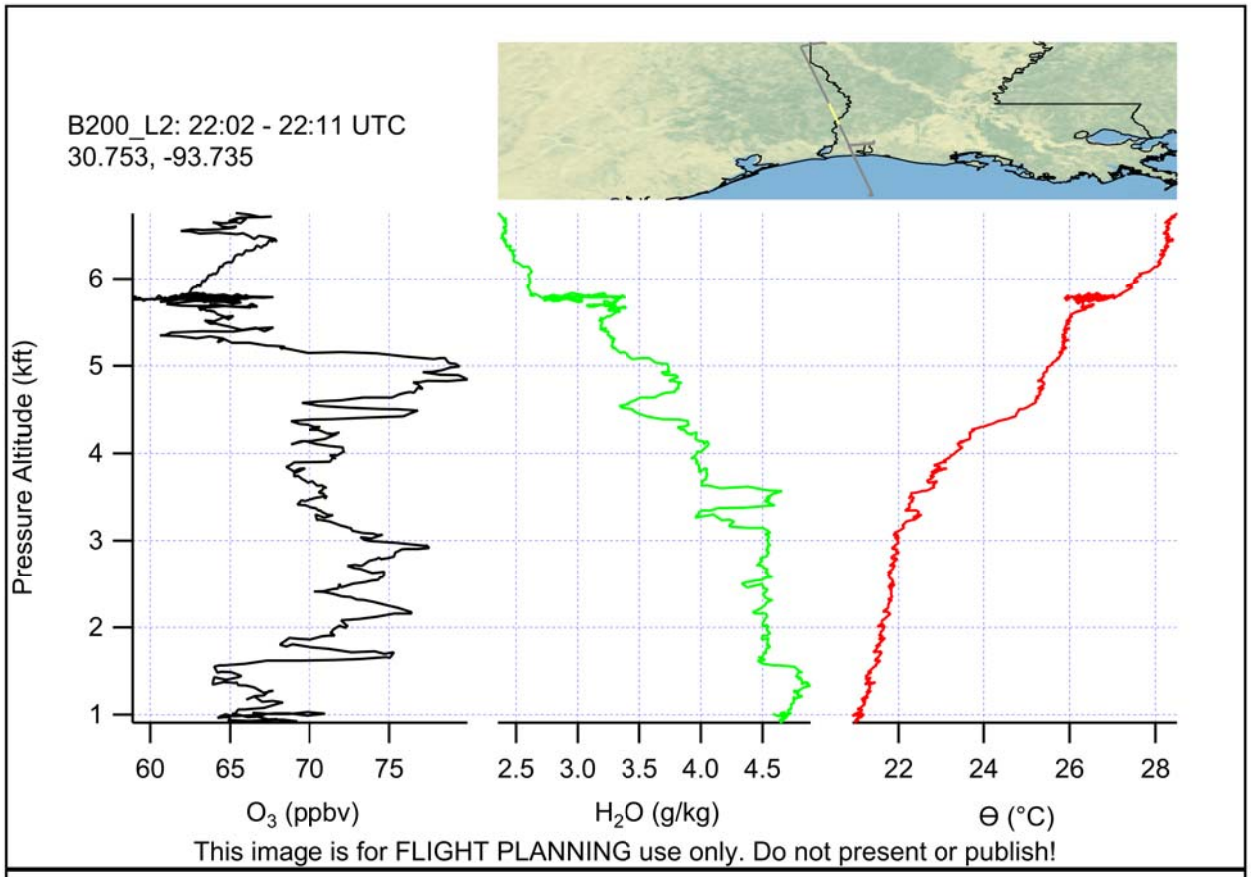
B200_L2: 22:02 - 22:11 UTC
30.753, -93.735
Pressure Altitude (kft)
1
2
3
4
5
6
60
65
70
75
O3 (ppbv)
2.5
3.0
3.5
4.0
4.5
H2O (g/kg)
22
24
26
28
Θ (°C)
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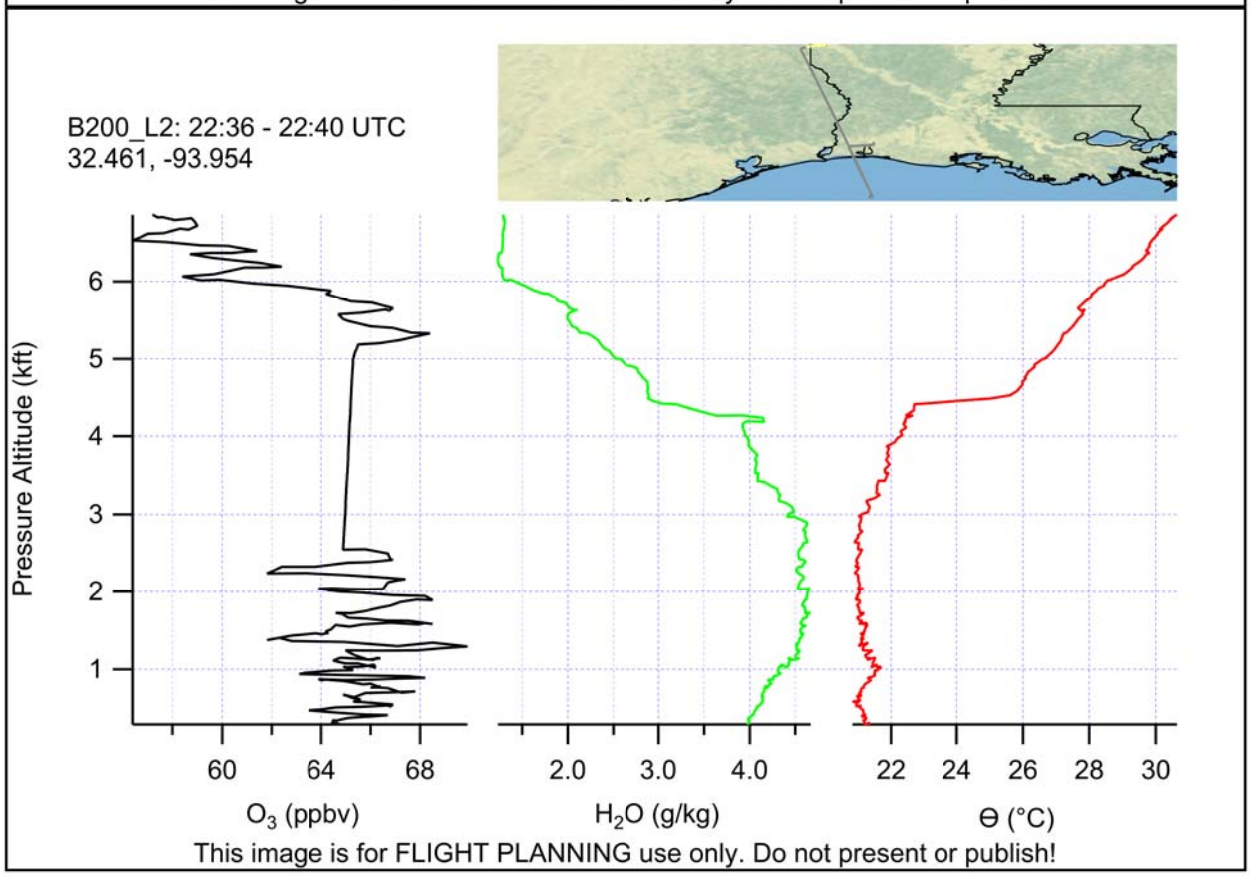
B200_L2: 22:36 - 22:40 UTC
32.461, -93.954
Pressure Altitude (kft)
1
2
3
4
5
6
60
64
68
O3 (ppbv)
2.0
3.0
4.0
H2O (g/kg)
22
24
26
28
30
Θ (°C)
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