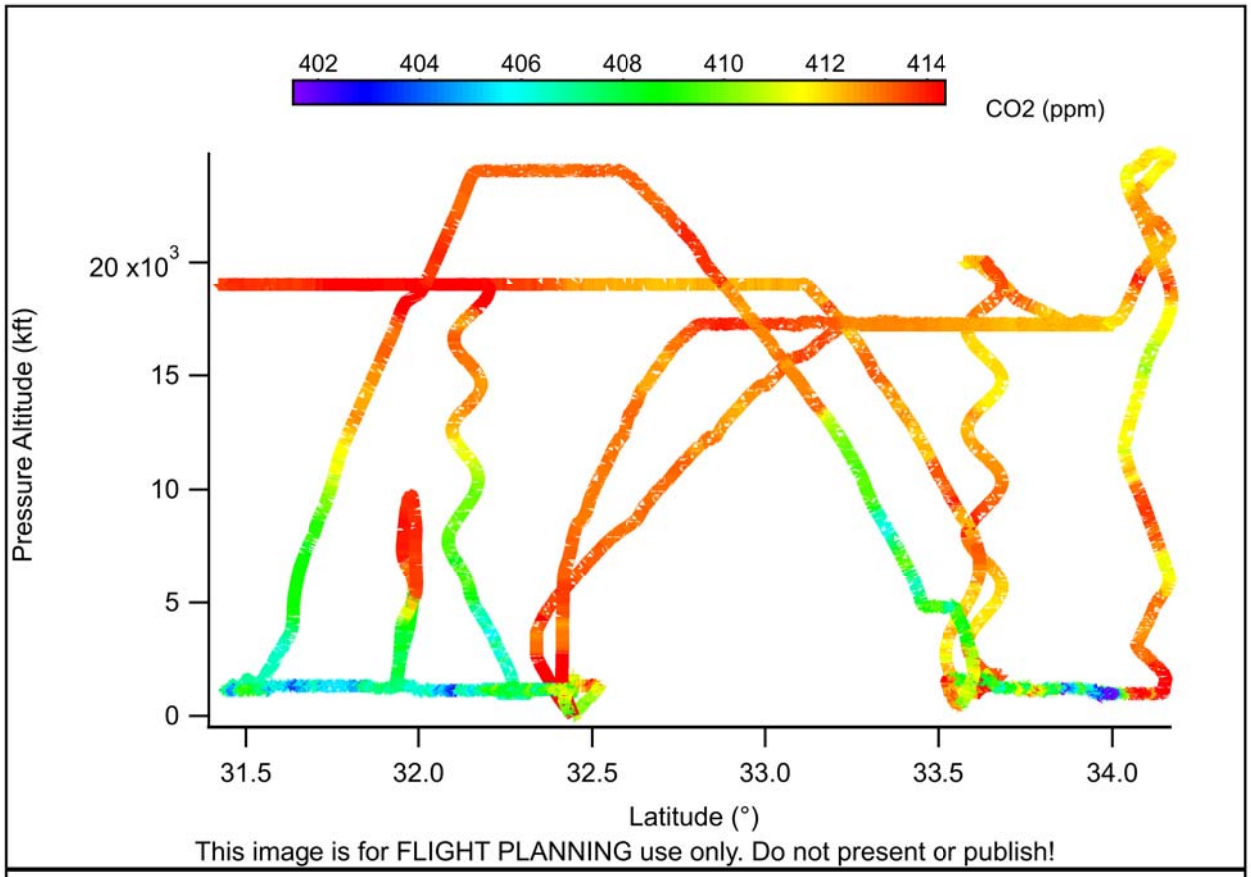
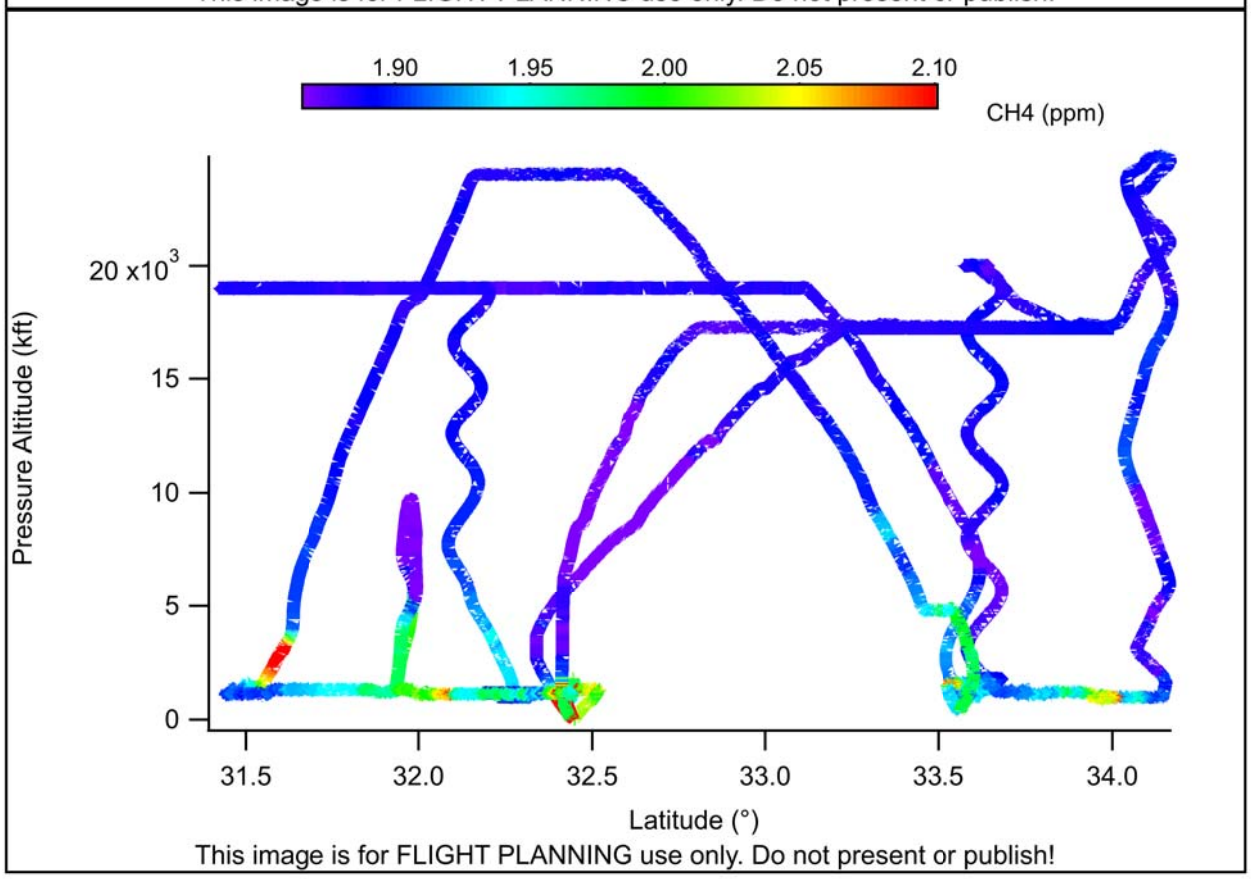
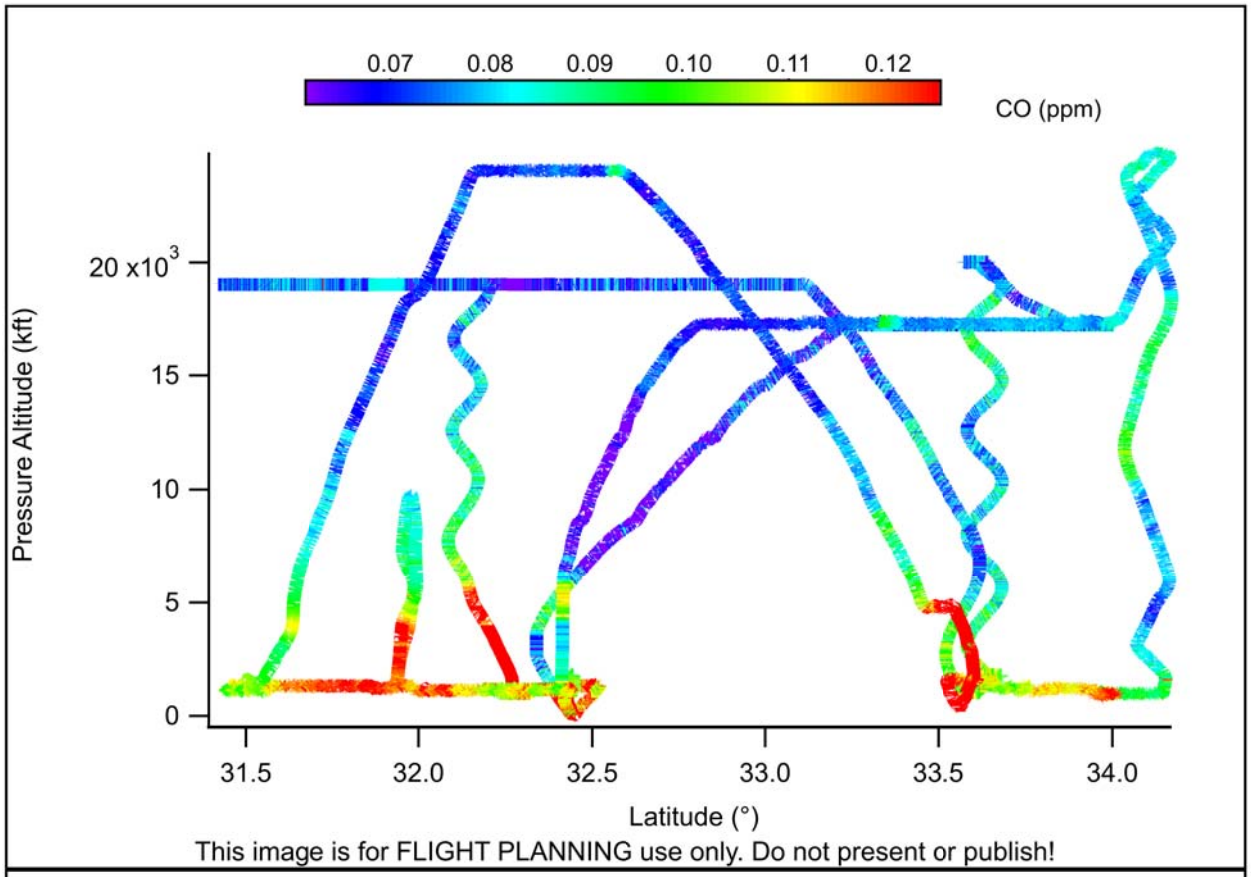
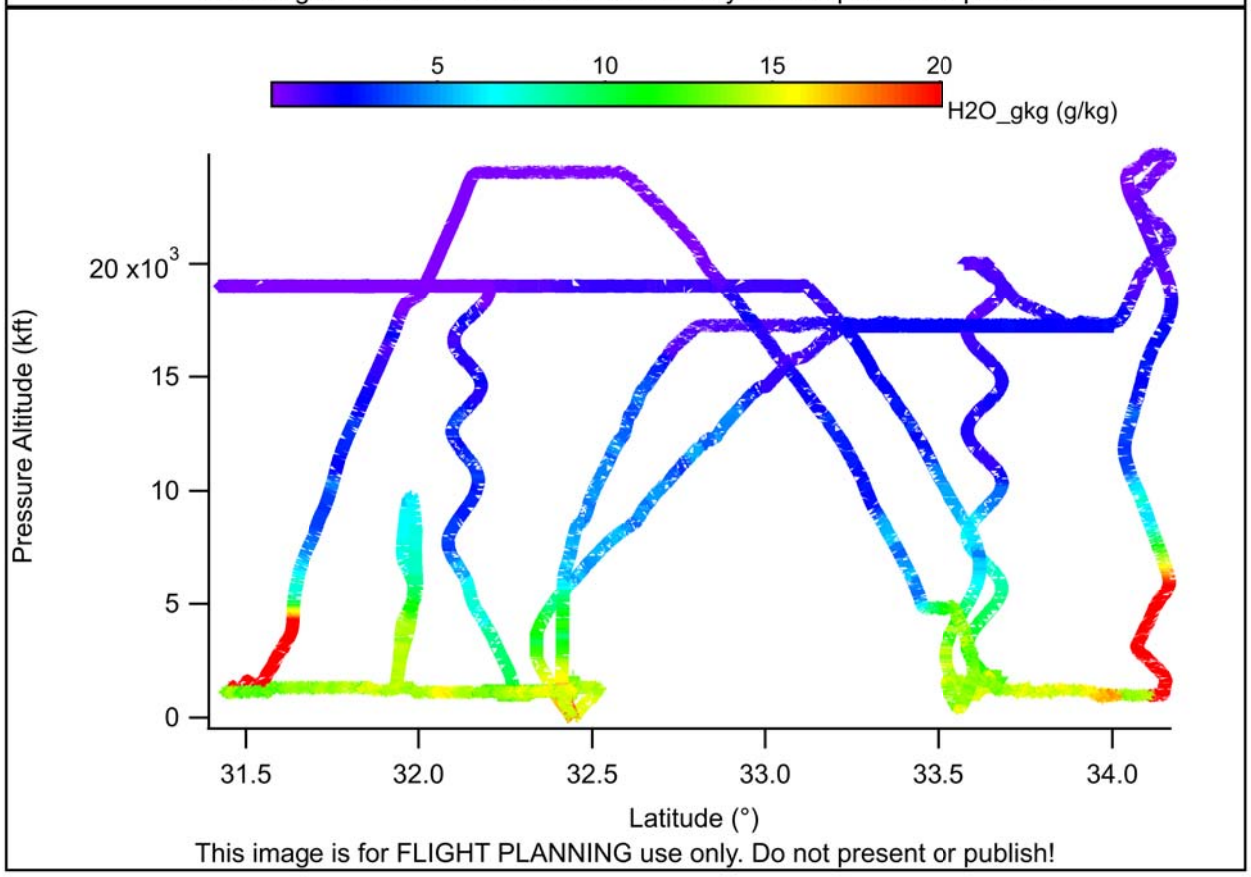
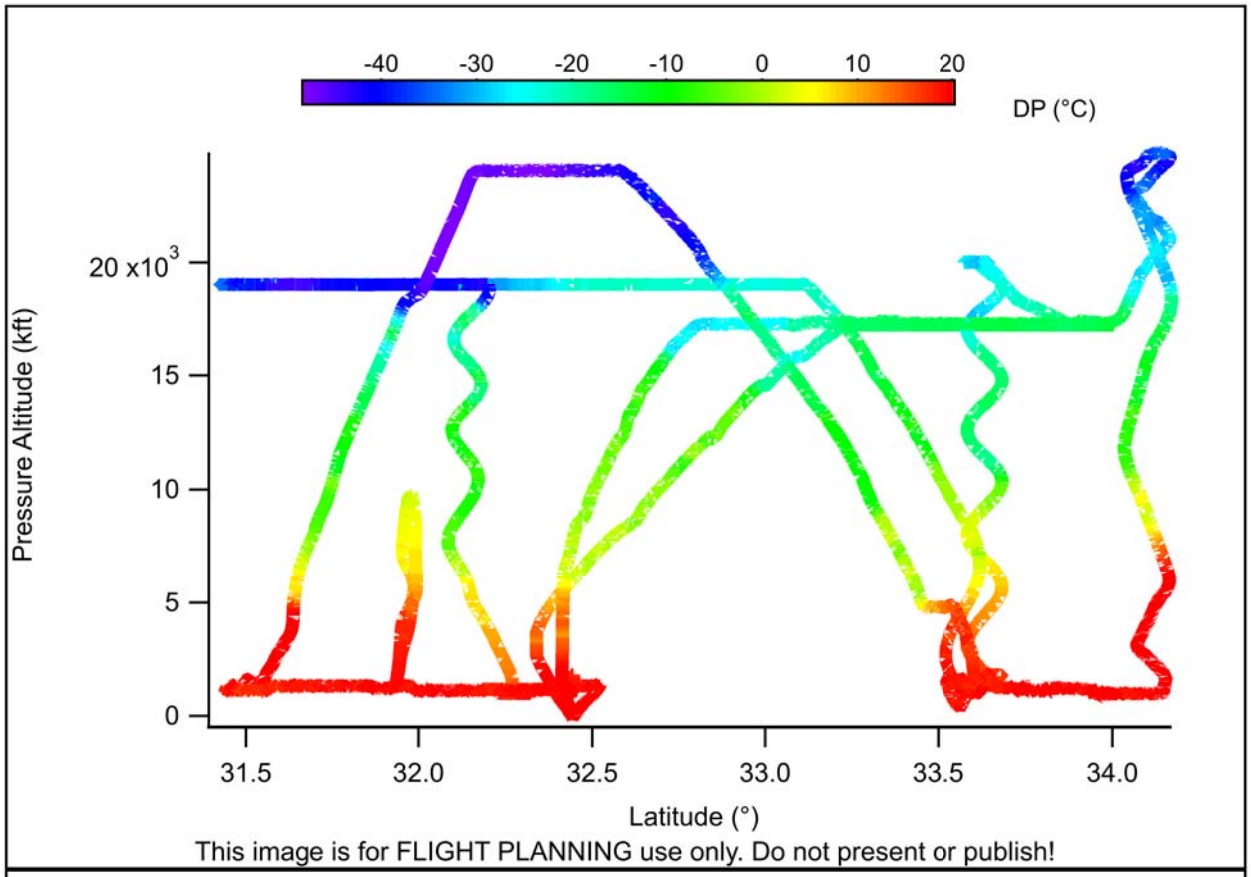
ACT-America 20190627

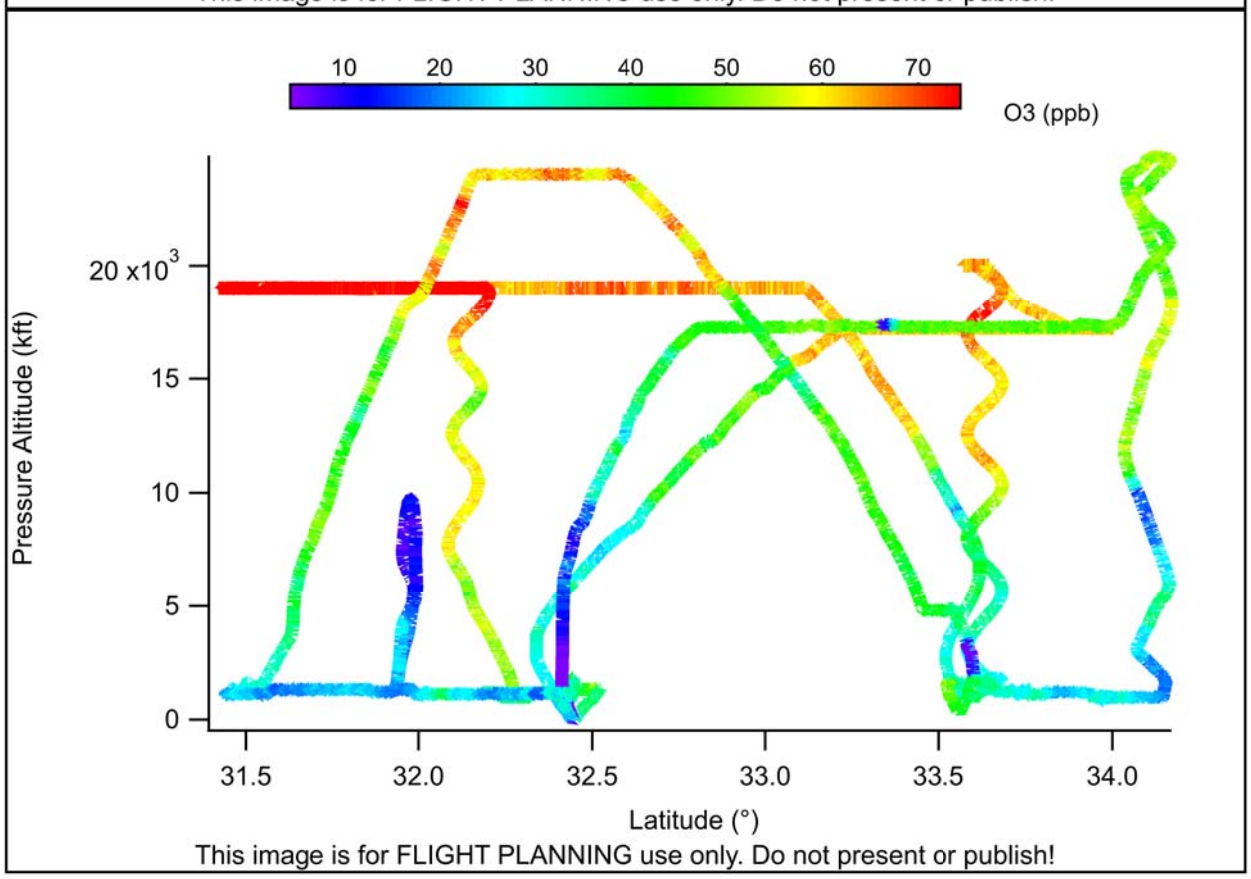

402
404
406
408
410
412
414
CO2 (ppm)
Pressure Altitude (kft)
20 x10^3
15
10
5
0
31.5
32.0
32.5
33.0
33.5
34.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

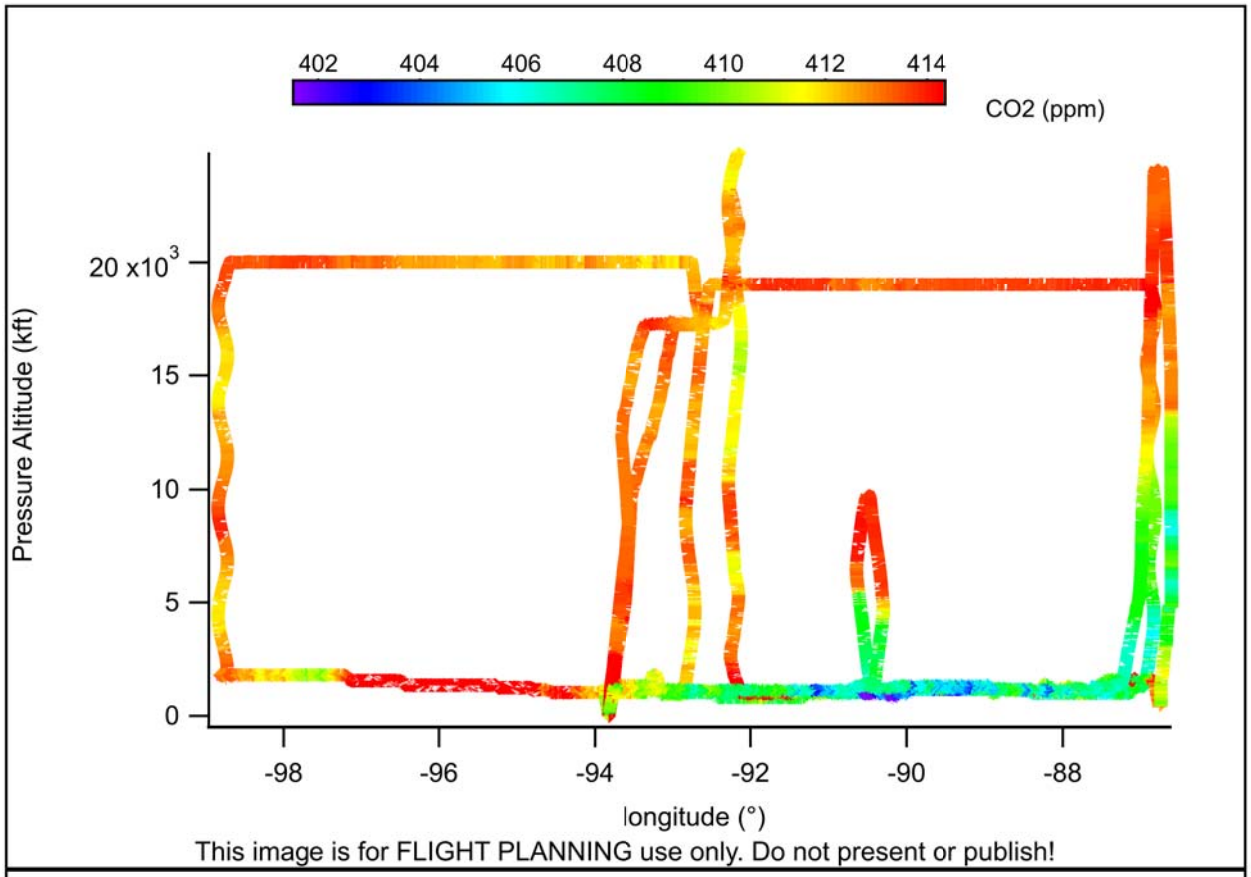

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
20 x10^3
15
10
5
0
31.5
32.0
32.5
33.0
33.5
34.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

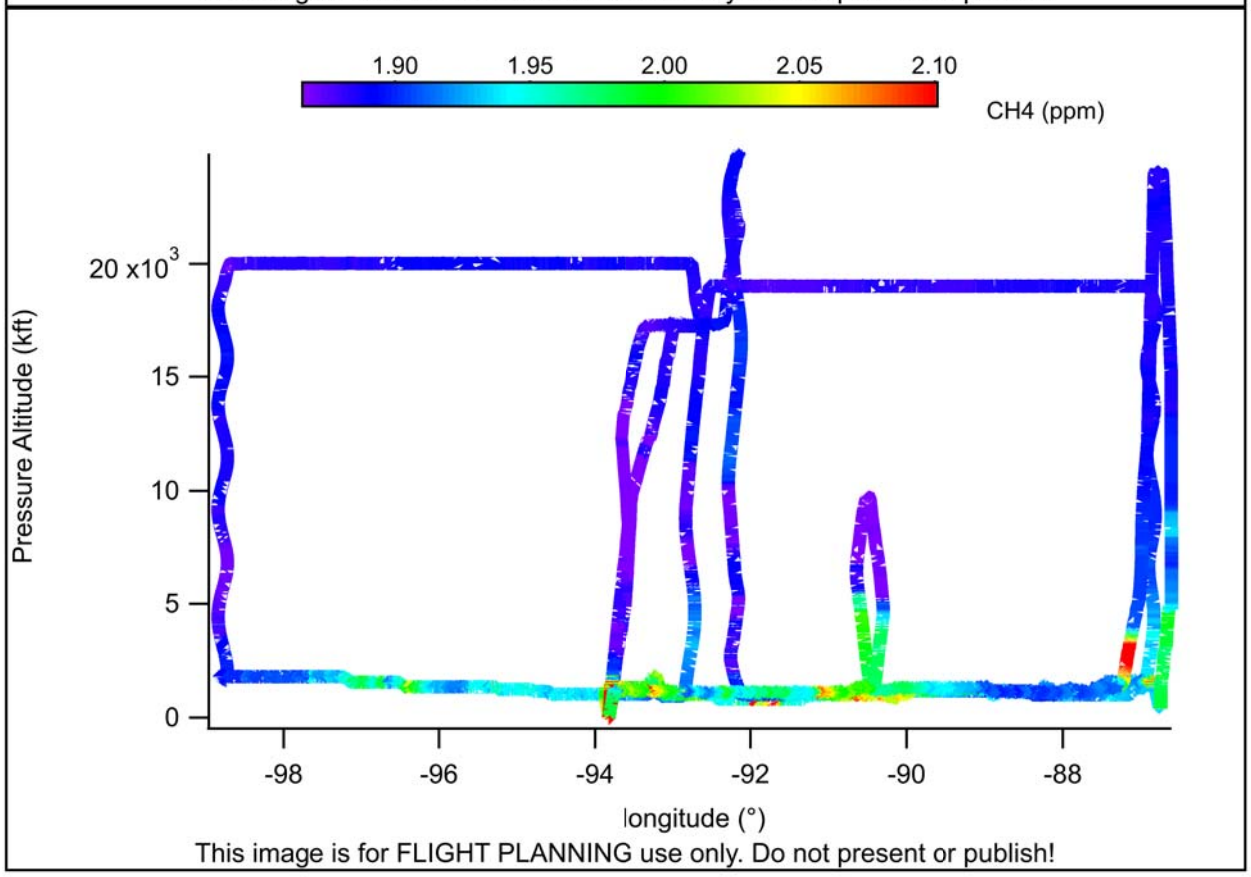

0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
20 x10^3
15
10
5
0
31.5
32.0
32.5
33.0
33.5
34.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


5
10
15
20
H2O_gkg (g/kg)
Pressure Altitude (kft)
20 x10^3
15
10
5
0
31.5
32.0
32.5
33.0
33.5
34.0
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)
31.5
32.0
32.5
33.0
33.5
34.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


10
20
30
40
50
60
70
O3 (ppb)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
31.5
32.0
32.5
33.0
33.5
34.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


402
404
406
408
410
412
414
CO2 (ppm)
Pressure Altitude (kft)
20 x10^3
15
10
5
0
-98
-96
-94
-92
-90
-88
longitude (°)
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)
20 x10^3
15
10
5
0
-98
-96
-94
-92
-90
-88
longitude (°)
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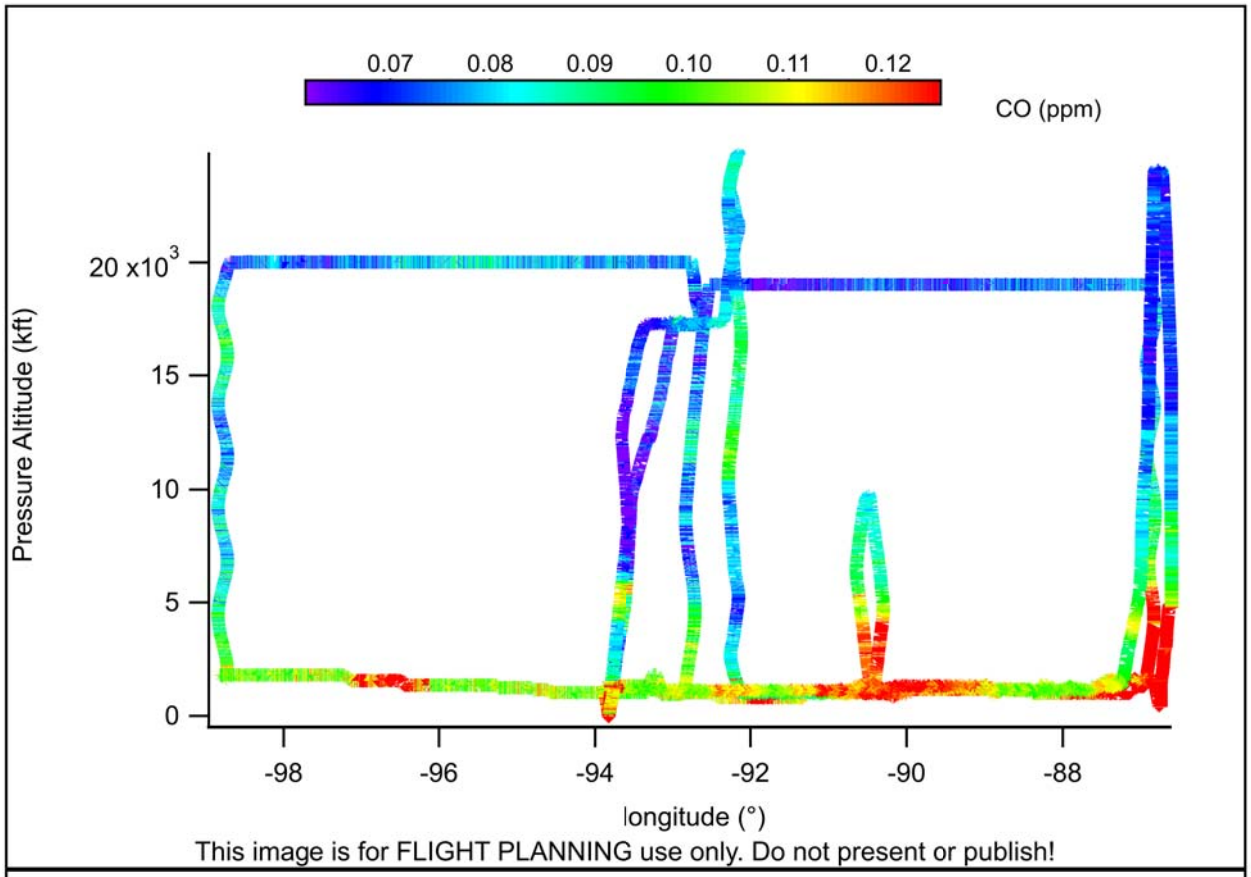
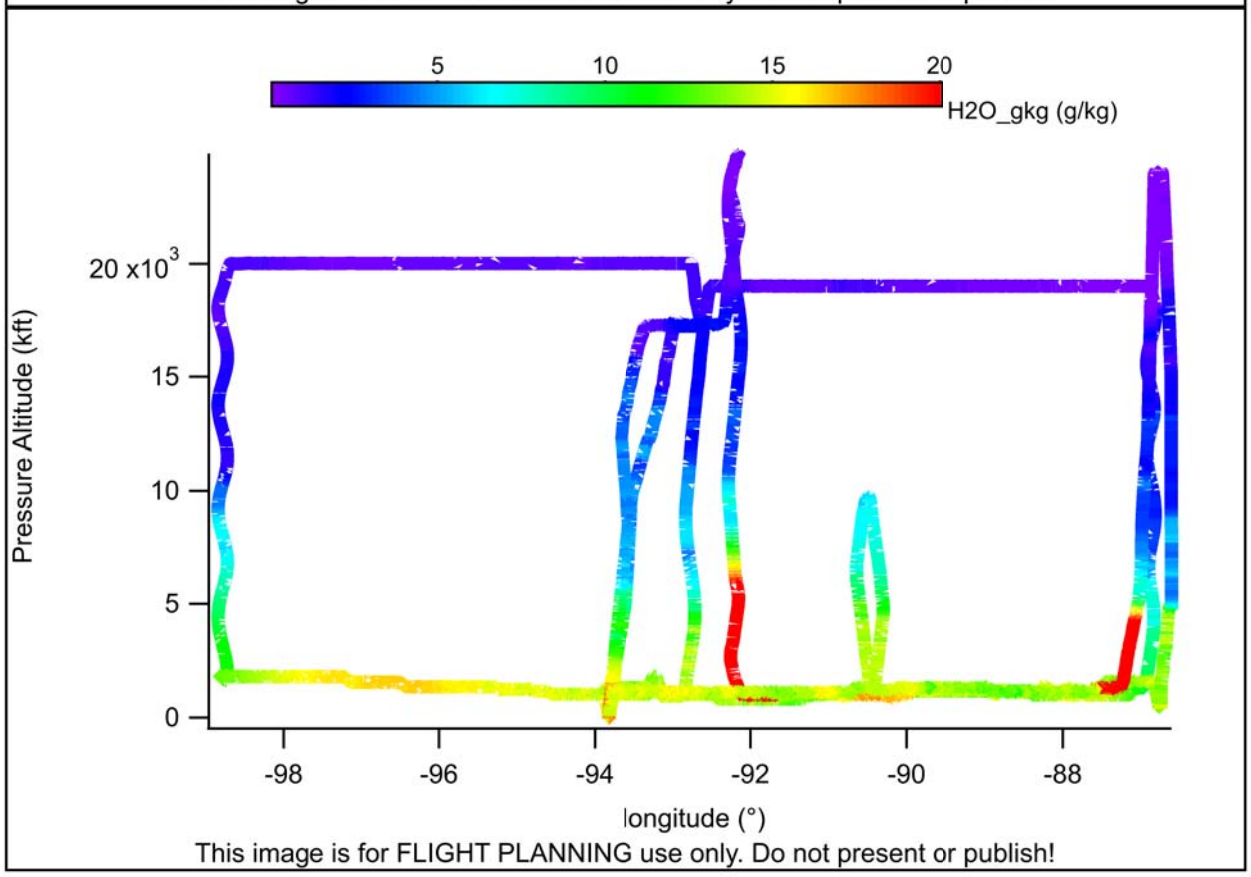
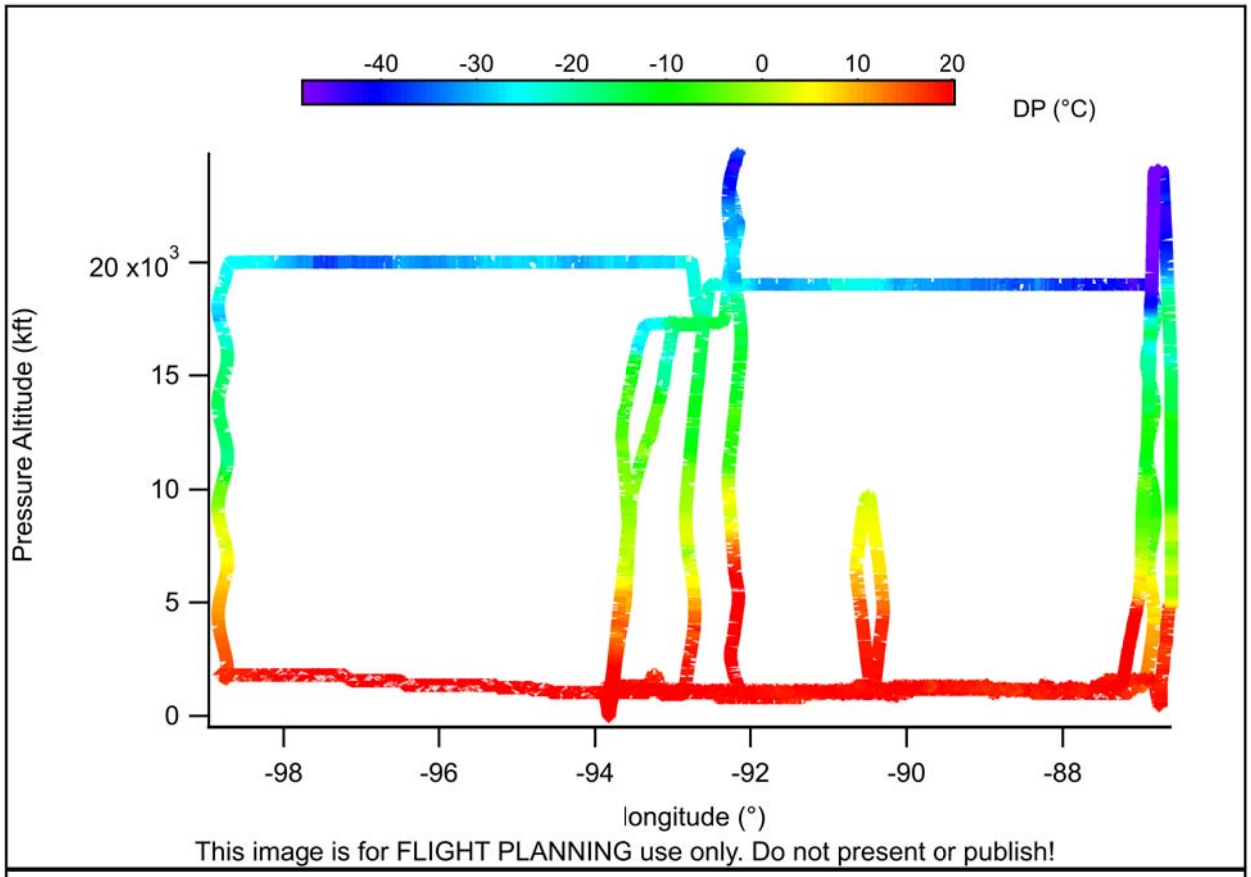
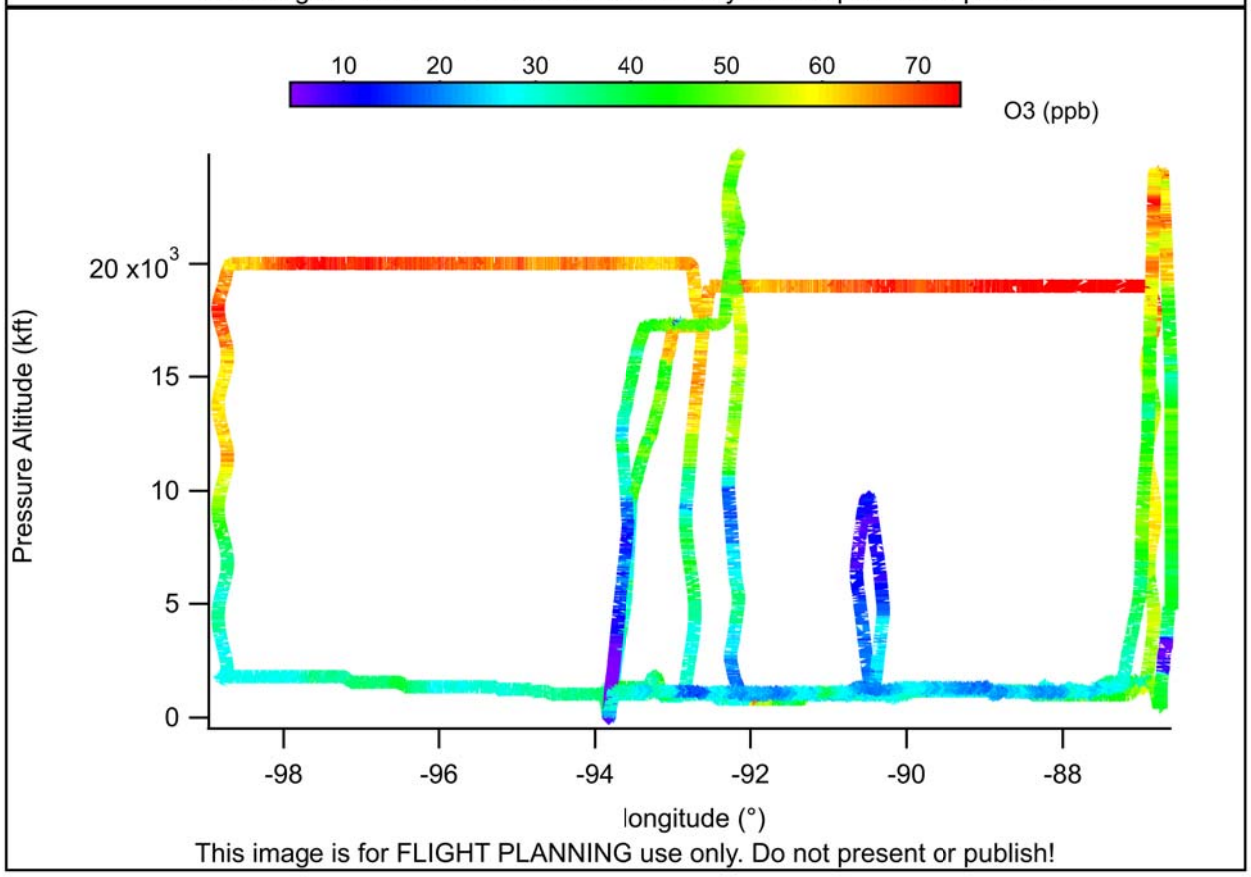
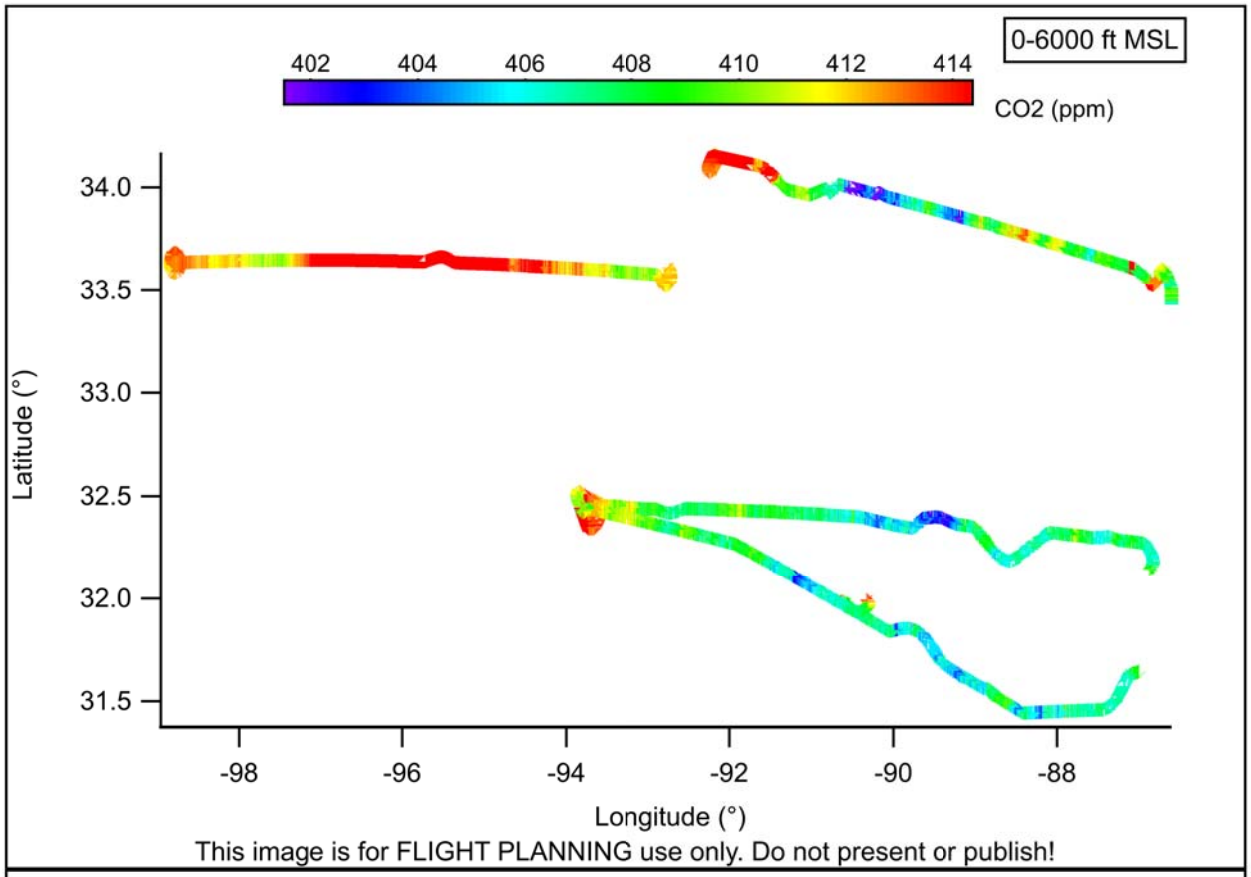
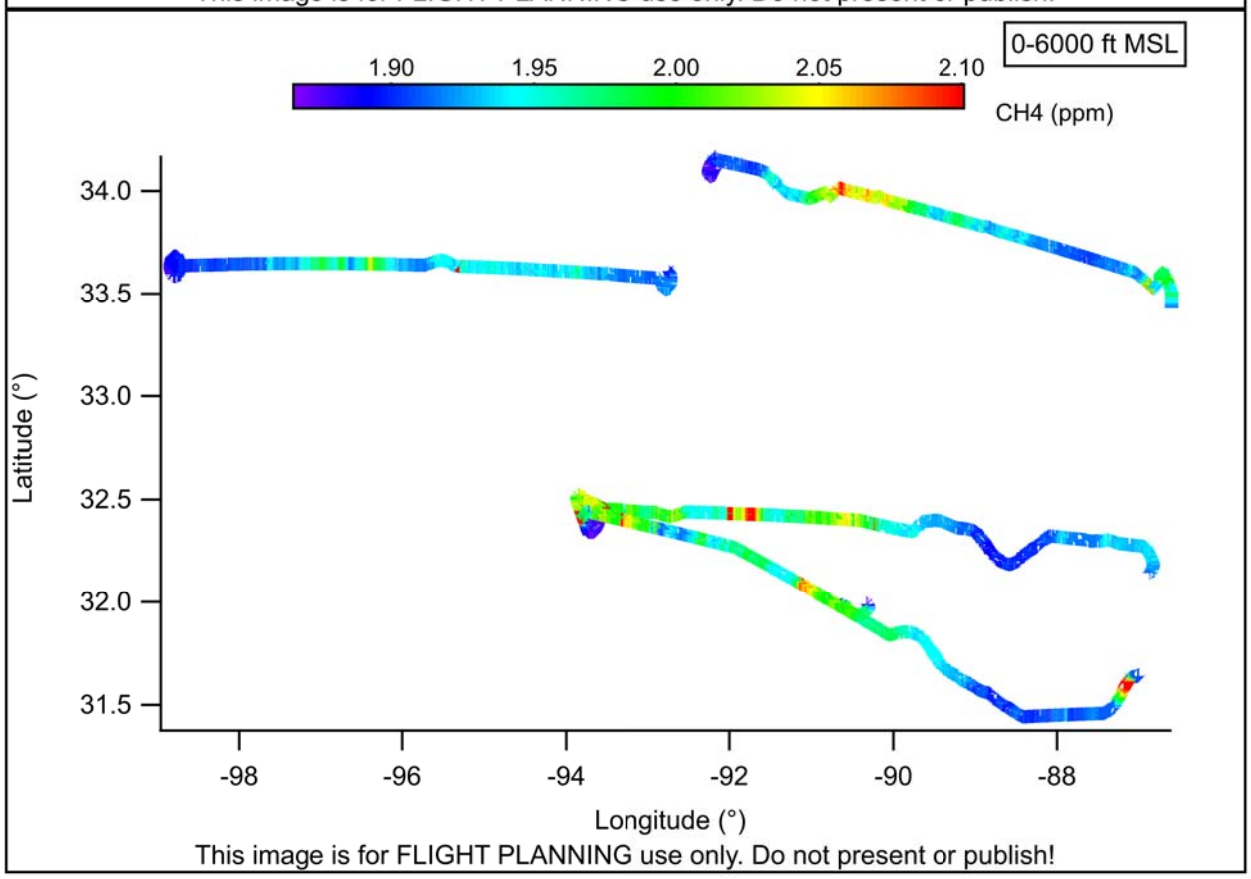

0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
20 x10^3
15
10
5
0
-98
-96
-94
-92
-90
-88
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

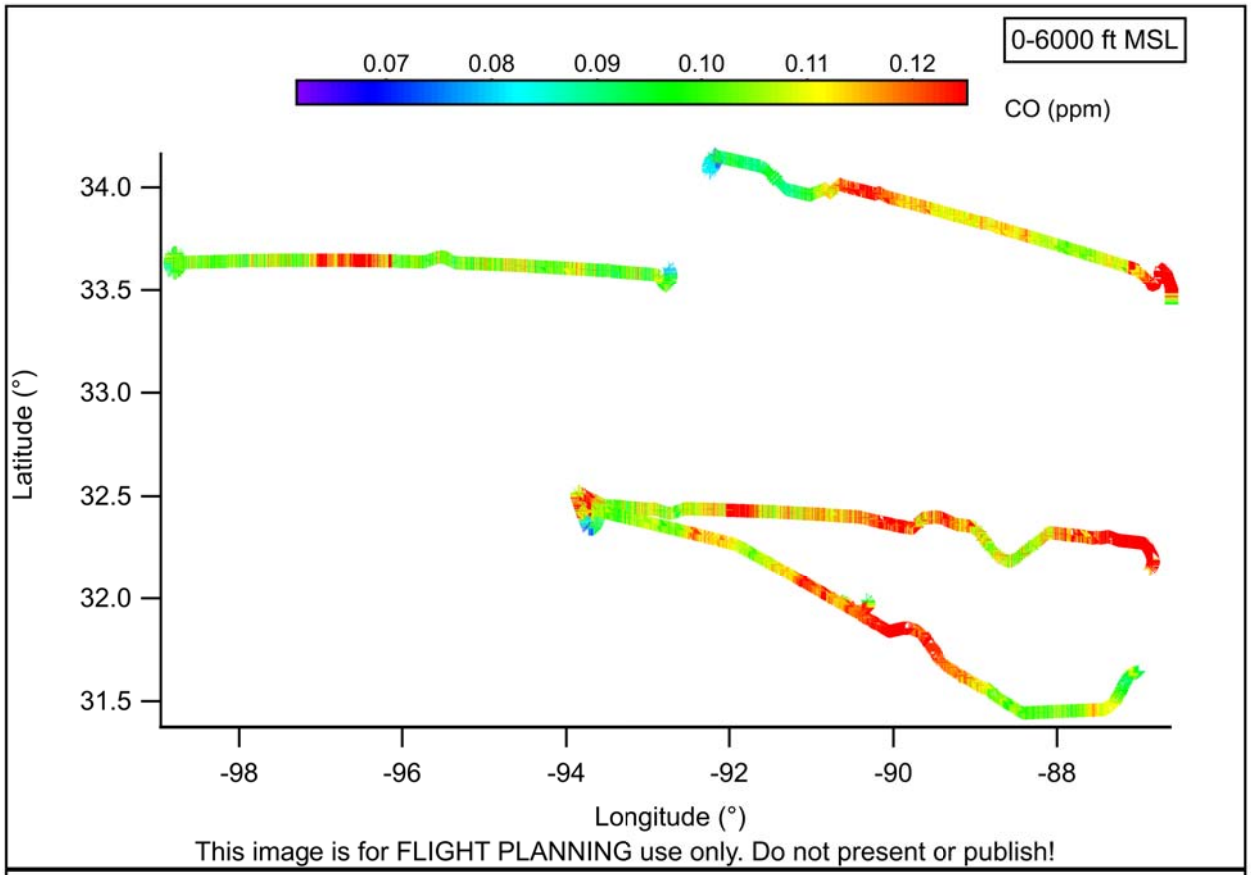

5
10
15
20
H2O_gkg (g/kg)
Pressure Altitude (kft)
20 x10^3
15
10
5
0
-98
-96
-94
-92
-90
-88
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

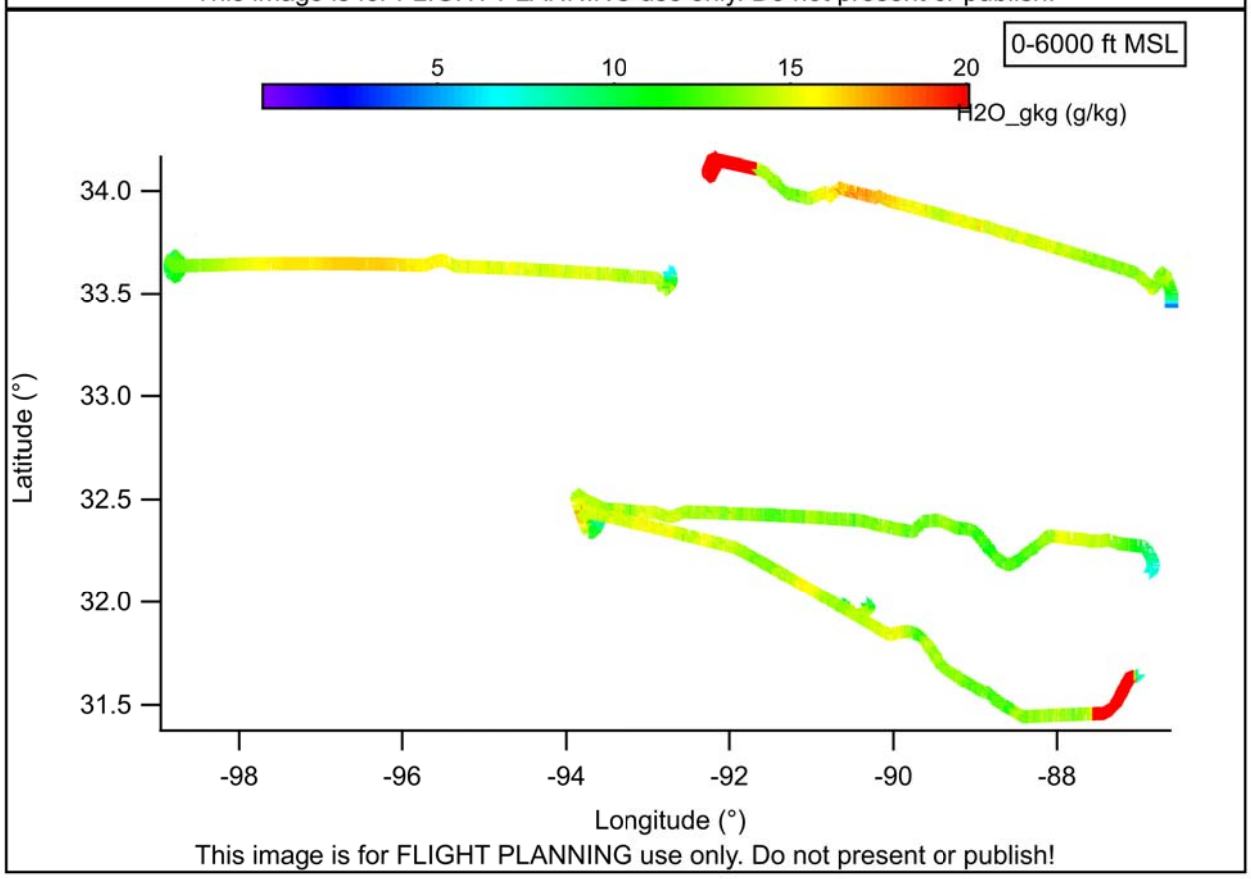

-40 -30 -20 -10 0 10 20
DP (°C)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
-98 -96 -94 -92 -90 -88
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


10 20 30 40 50 60 70
O3 (ppb)
20 x10^3
15
10
5
0
Pressure Altitude (kft)
-98 -96 -94 -92 -90 -88
longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
402
404
406
408
410
412
414
CO2 (ppm)
34.0
33.5
33.0
32.5
32.0
31.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
34.0
33.5
33.0
32.5
32.0
31.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
34.0
33.5
33.0
32.5
32.0
31.5
Latitude (°)
-98
-96
-94
-92
-90
-88
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)
34.0
33.5
33.0
32.5
32.0
31.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
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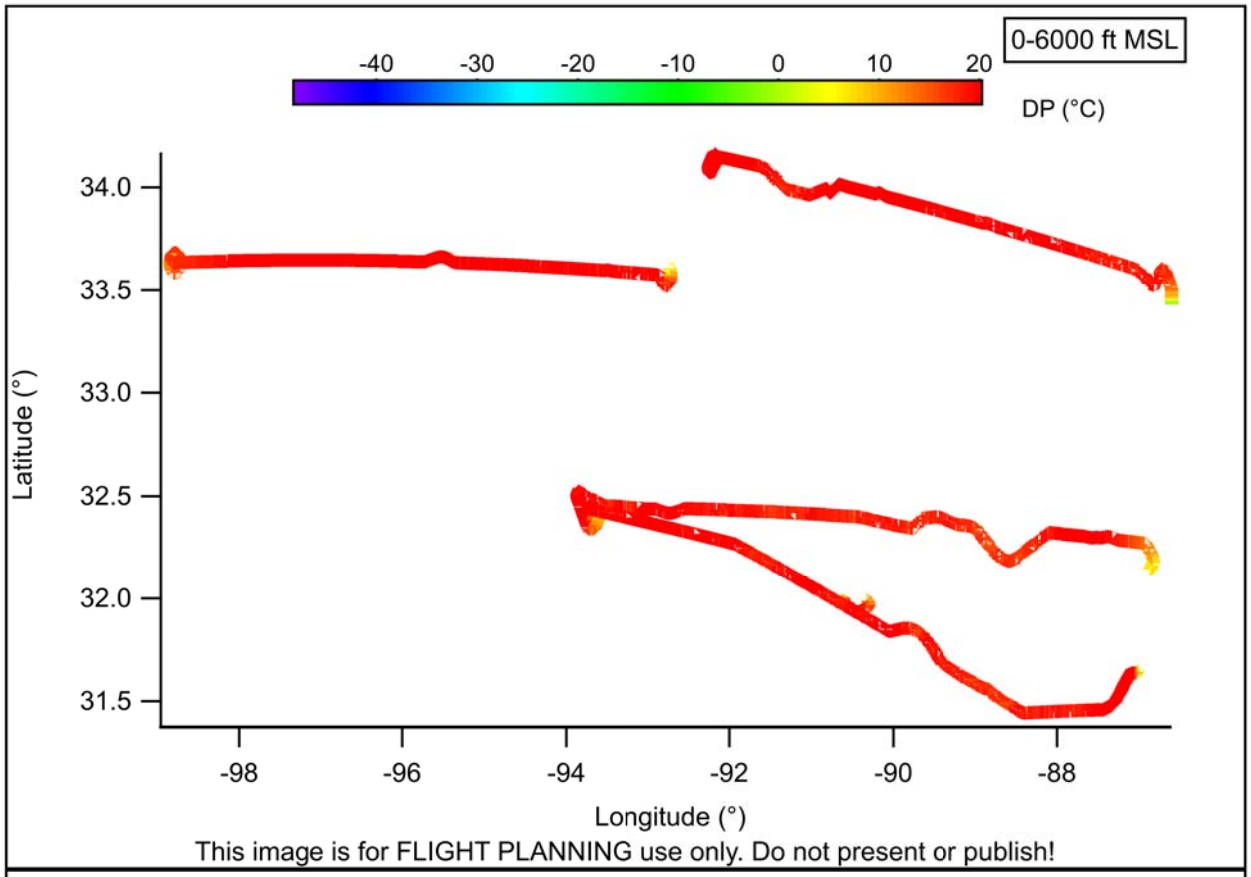
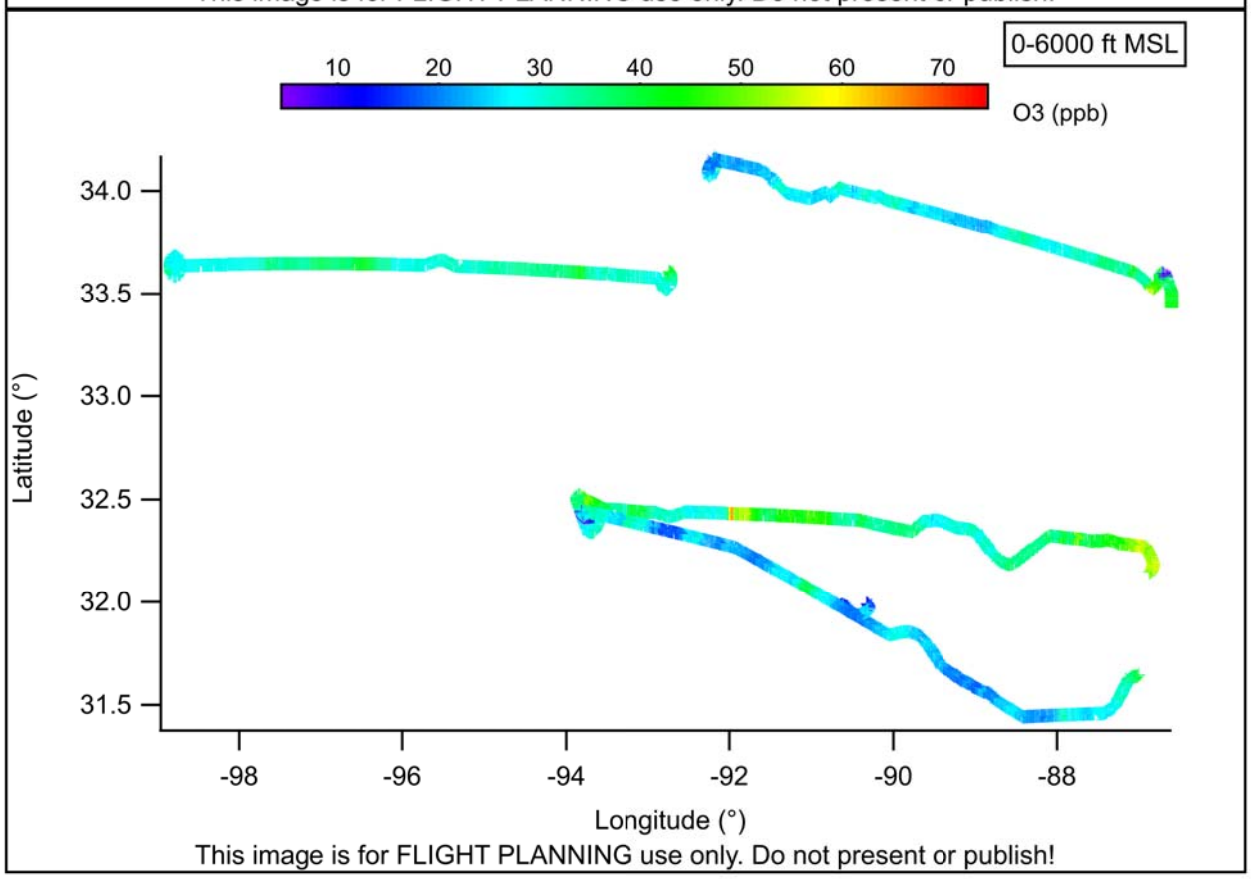
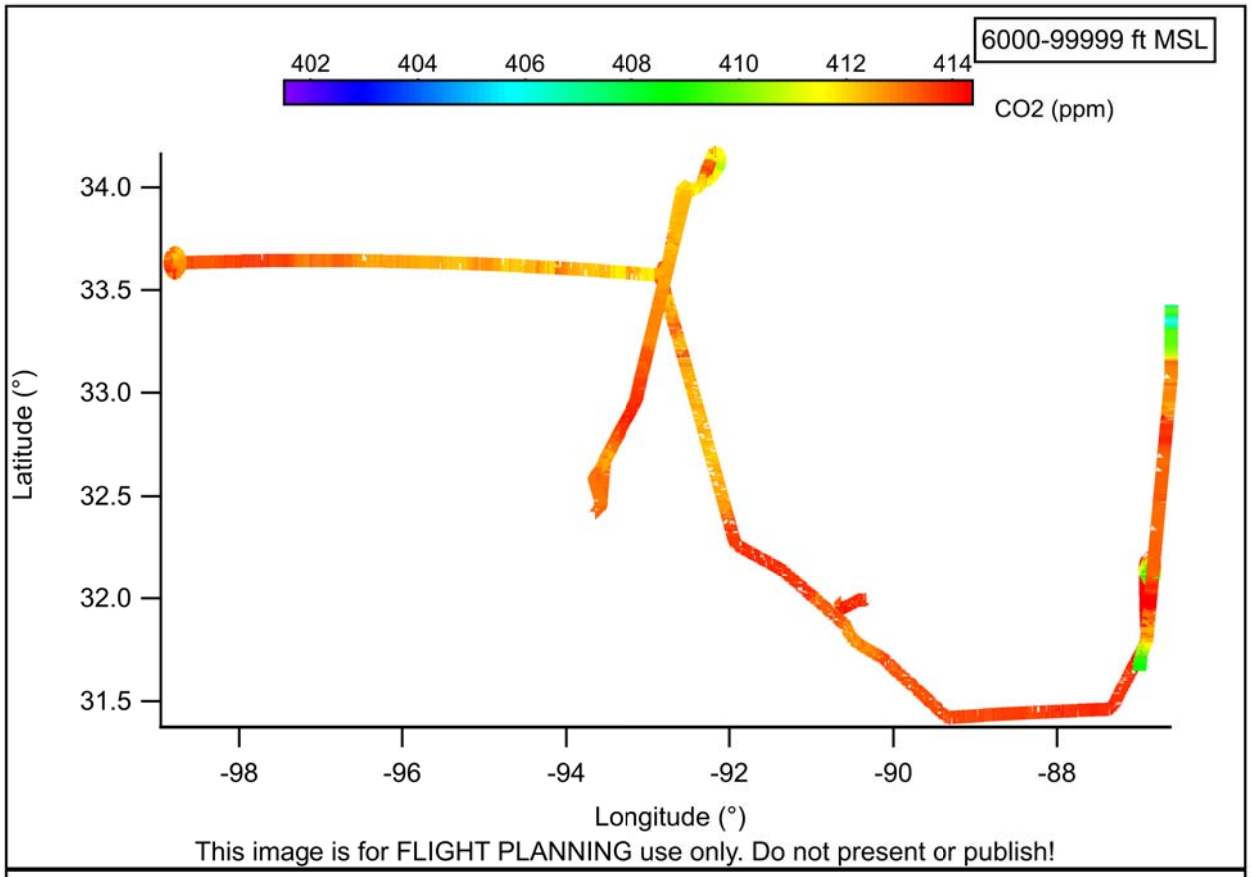
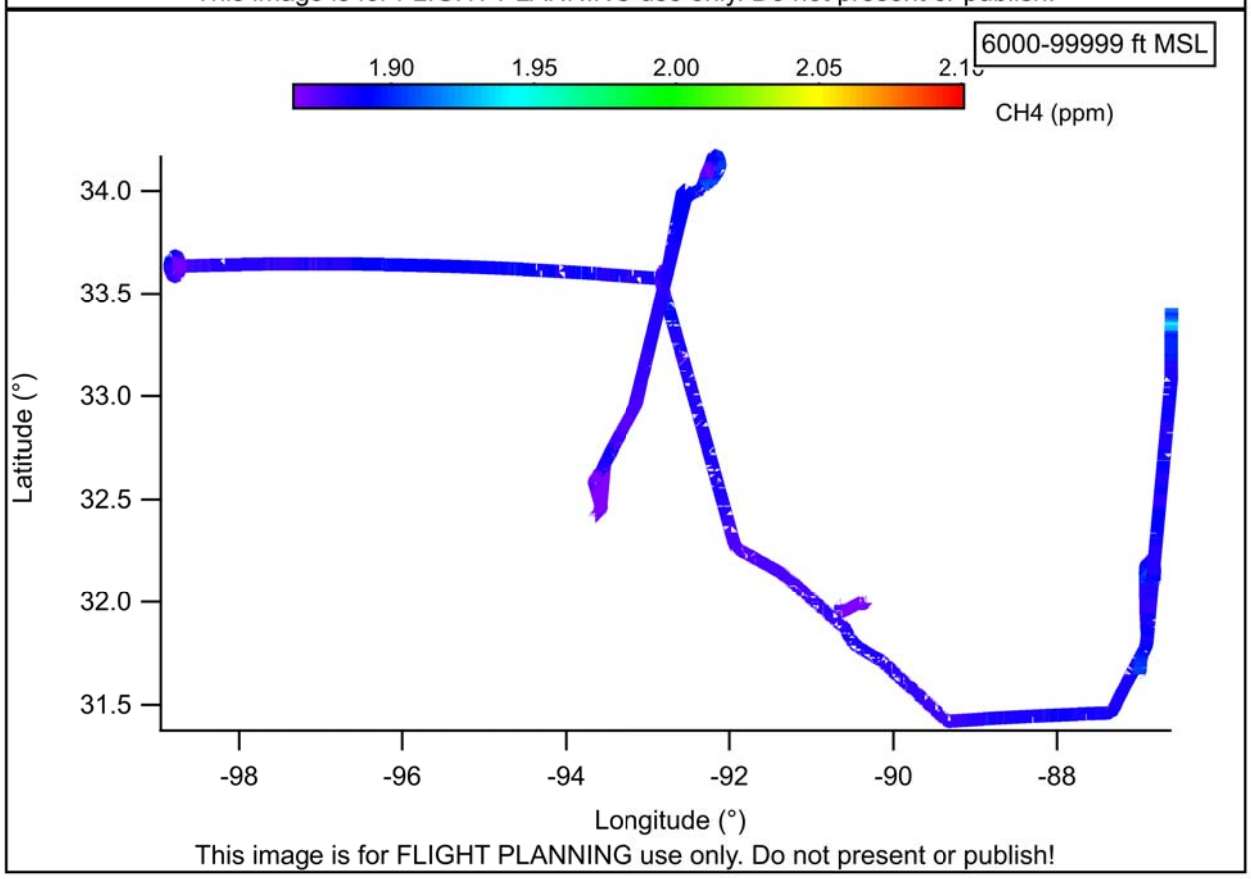
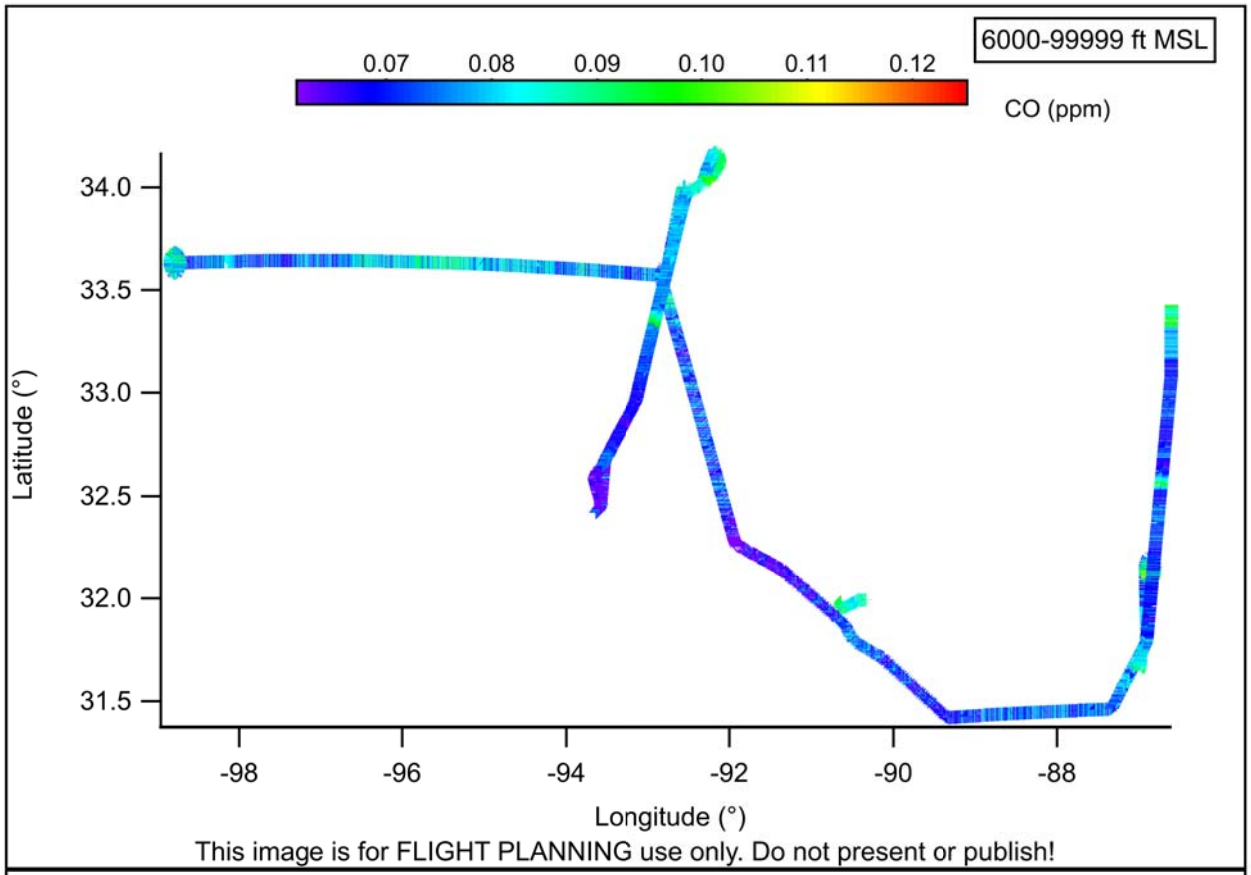

0-6000 ft MSL
-40 -30 -20 -10 0 10 20
DP (°C)
34.0
33.5
33.0
32.5
32.0
31.5
Latitude (°)
-98 -96 -94 -92 -90 -88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0-6000 ft MSL
10 20 30 40 50 60 70
O3 (ppb)
34.0
33.5
33.0
32.5
32.0
31.5
Latitude (°)
-98 -96 -94 -92 -90 -88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
402
404
406
408
410
412
414
CO2 (ppm)
34.0
33.5
33.0
32.5
32.0
31.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
1.90
1.95
2.00
2.05
CH4 (ppm)
34.0
33.5
33.0
32.5
32.0
31.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
34.0
33.5
33.0
32.5
32.0
31.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
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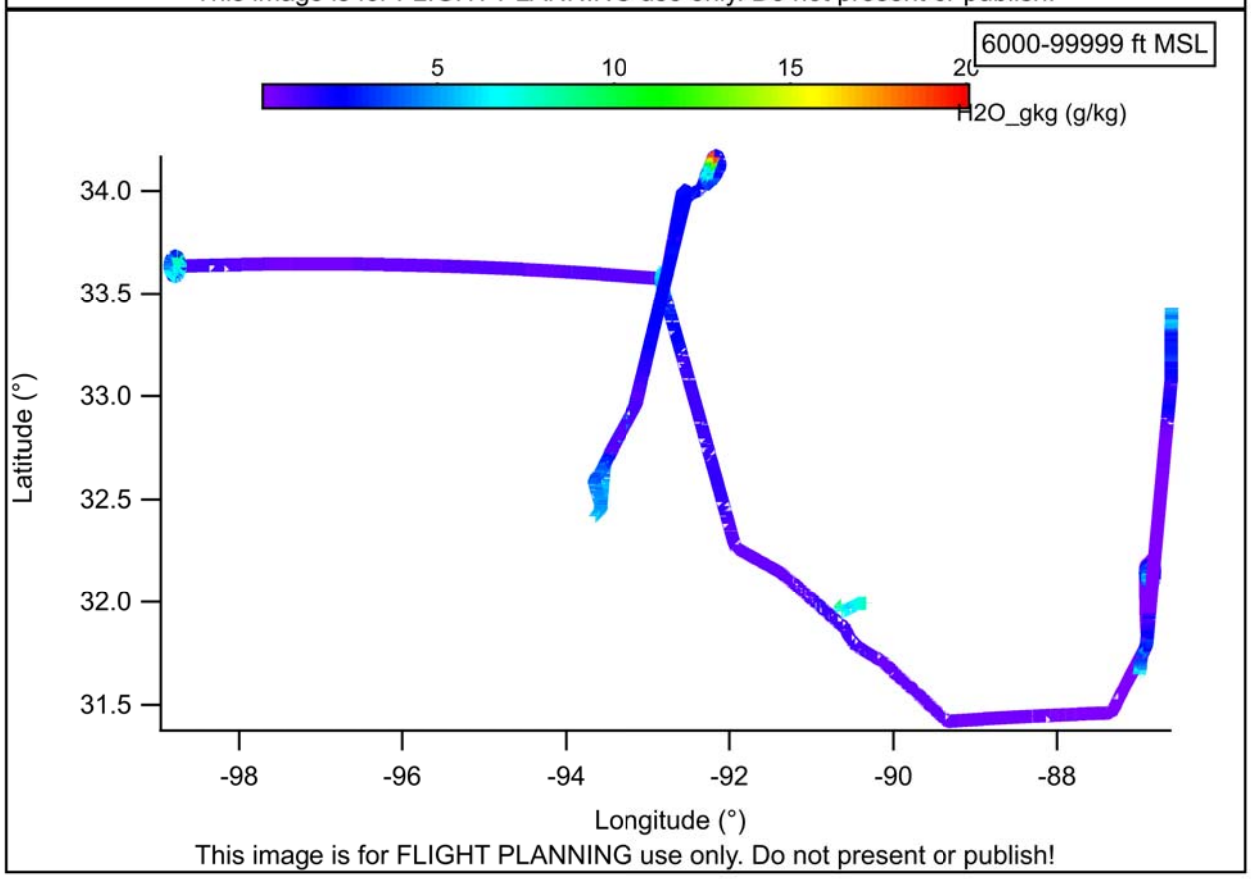
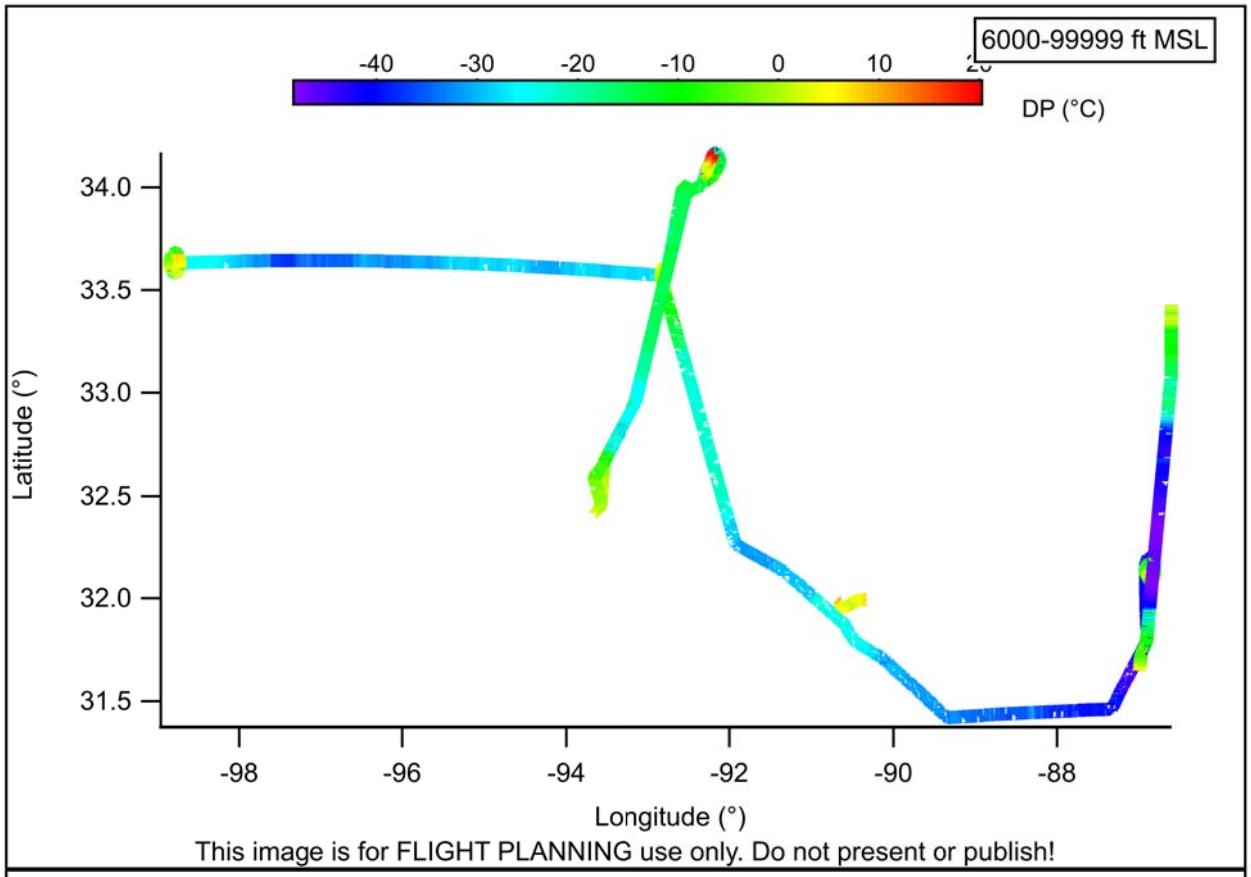

6000-99999 ft MSL
5
10
15
20
H2O_gkg (g/kg)
34.0
33.5
33.0
32.5
32.0
31.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


6000-99999 ft MSL
-40
-30
-20
-10
0
10
DP (°C)
34.0
33.5
33.0
32.5
32.0
31.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
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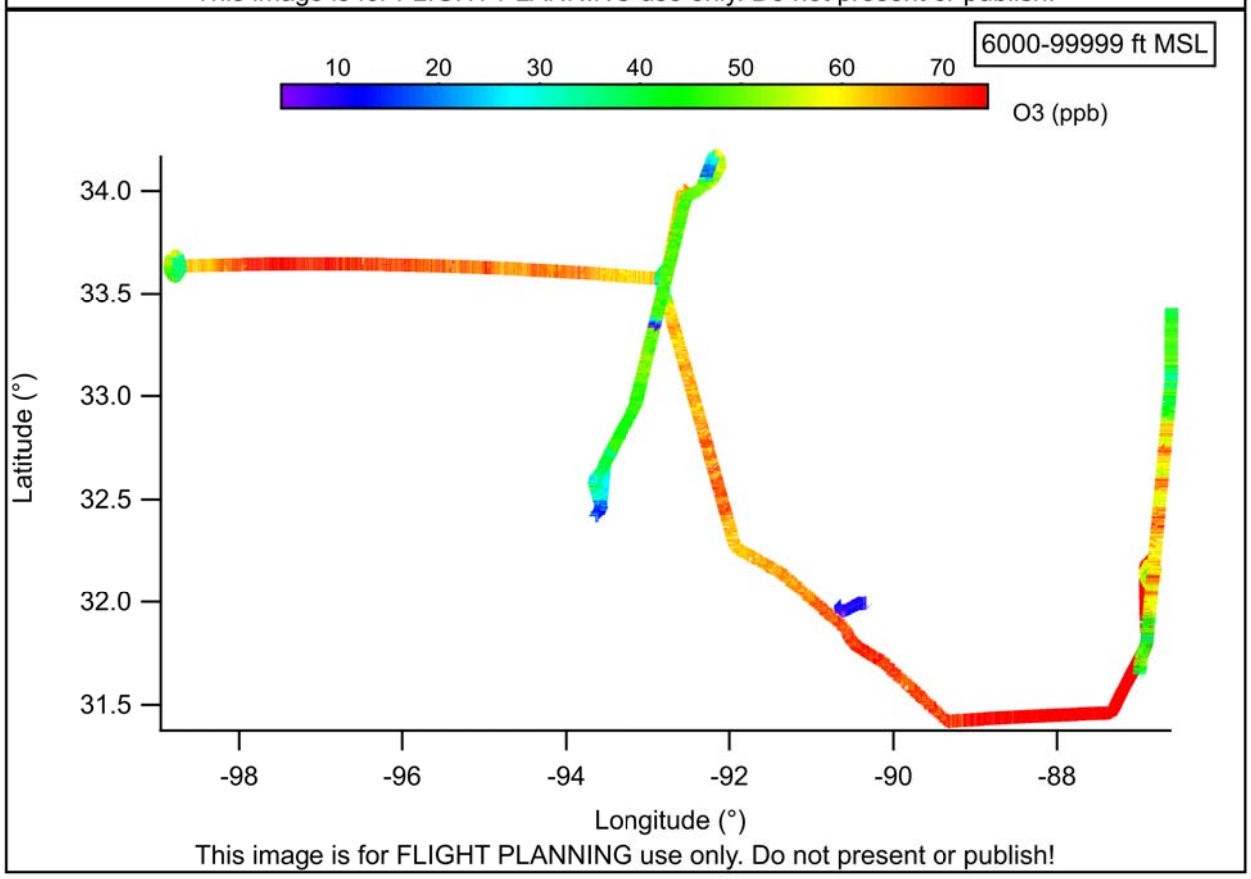
6000-99999 ft MSL
10
20
30
40
50
60
70
O3 (ppb)
34.0
33.5
33.0
32.5
32.0
31.5
Latitude (°)
-98
-96
-94
-92
-90
-88
Longitude (°)
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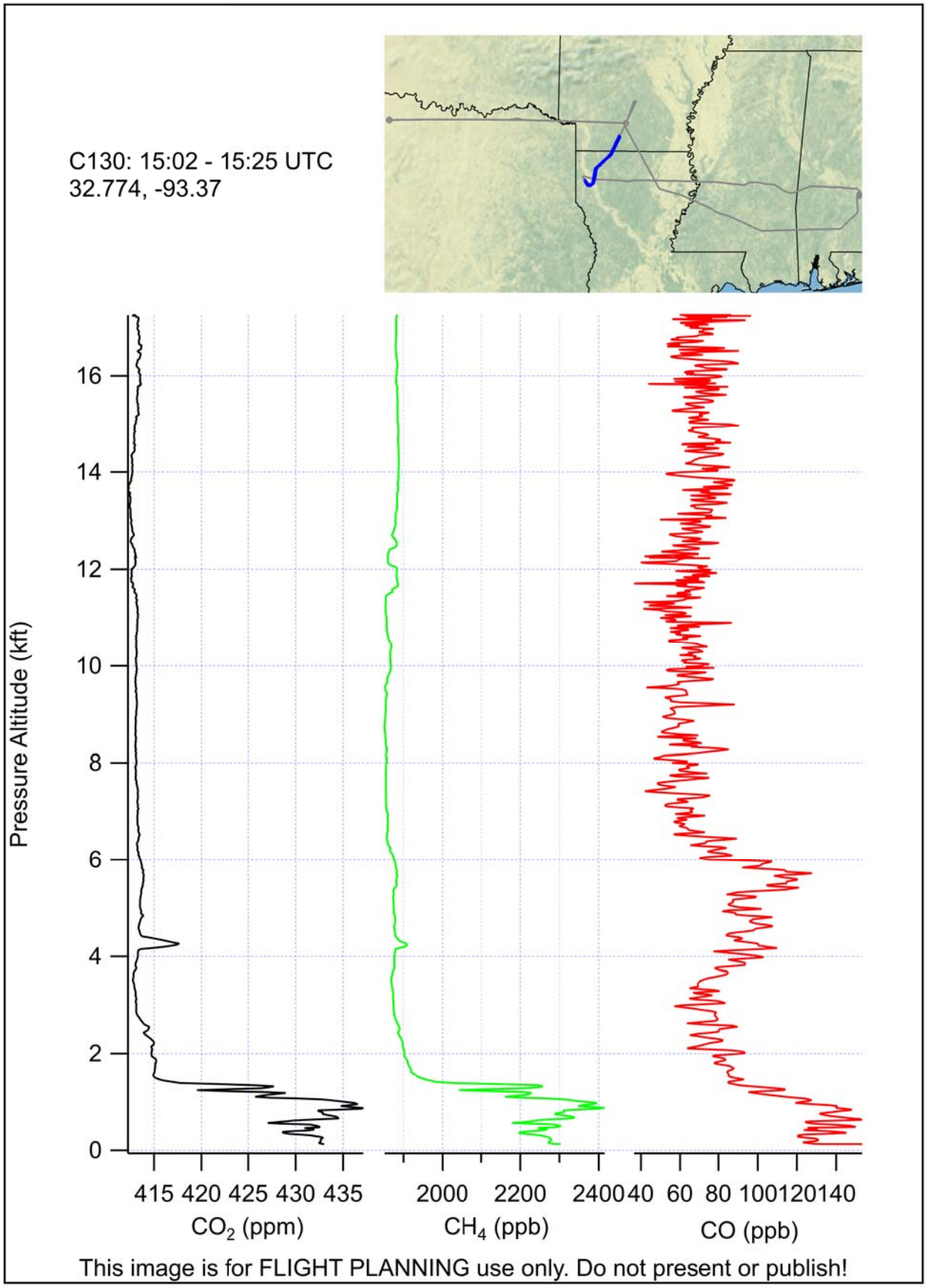
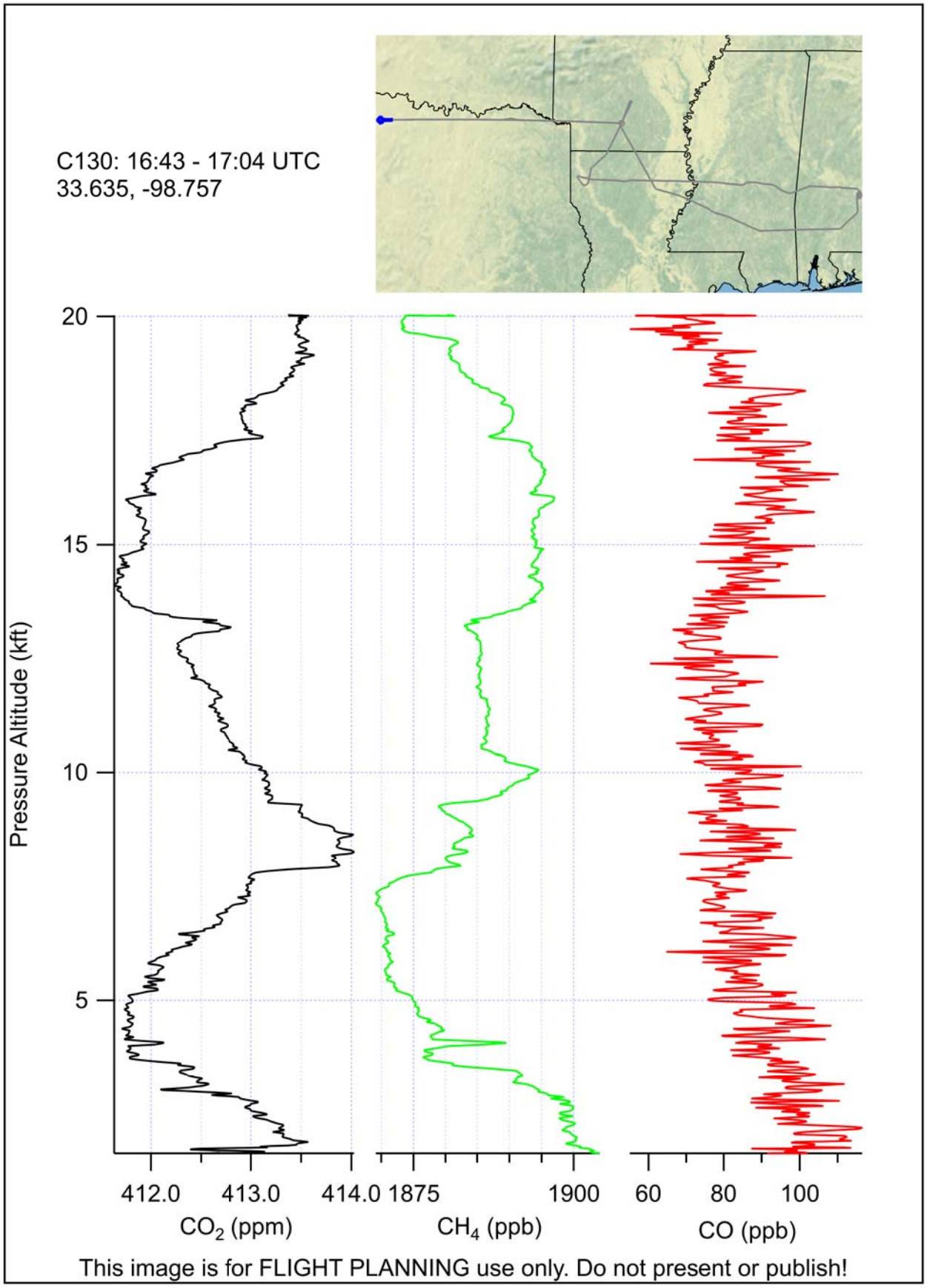

C130: 15:02 - 15:25 UTC
32.774, -93.37
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
415 420 425 430 435
CO2 (ppm)
2000 2200 2400
CH4 (ppb)
40 60 80 100 120 140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:43 - 17:04 UTC
33.635, -98.757
Pressure Altitude (kft)
20
15
10
5
412.0
413.0
414.0
CO2 (ppm)
1875
1900
CH4 (ppb)
60
80
100
CO (ppb)
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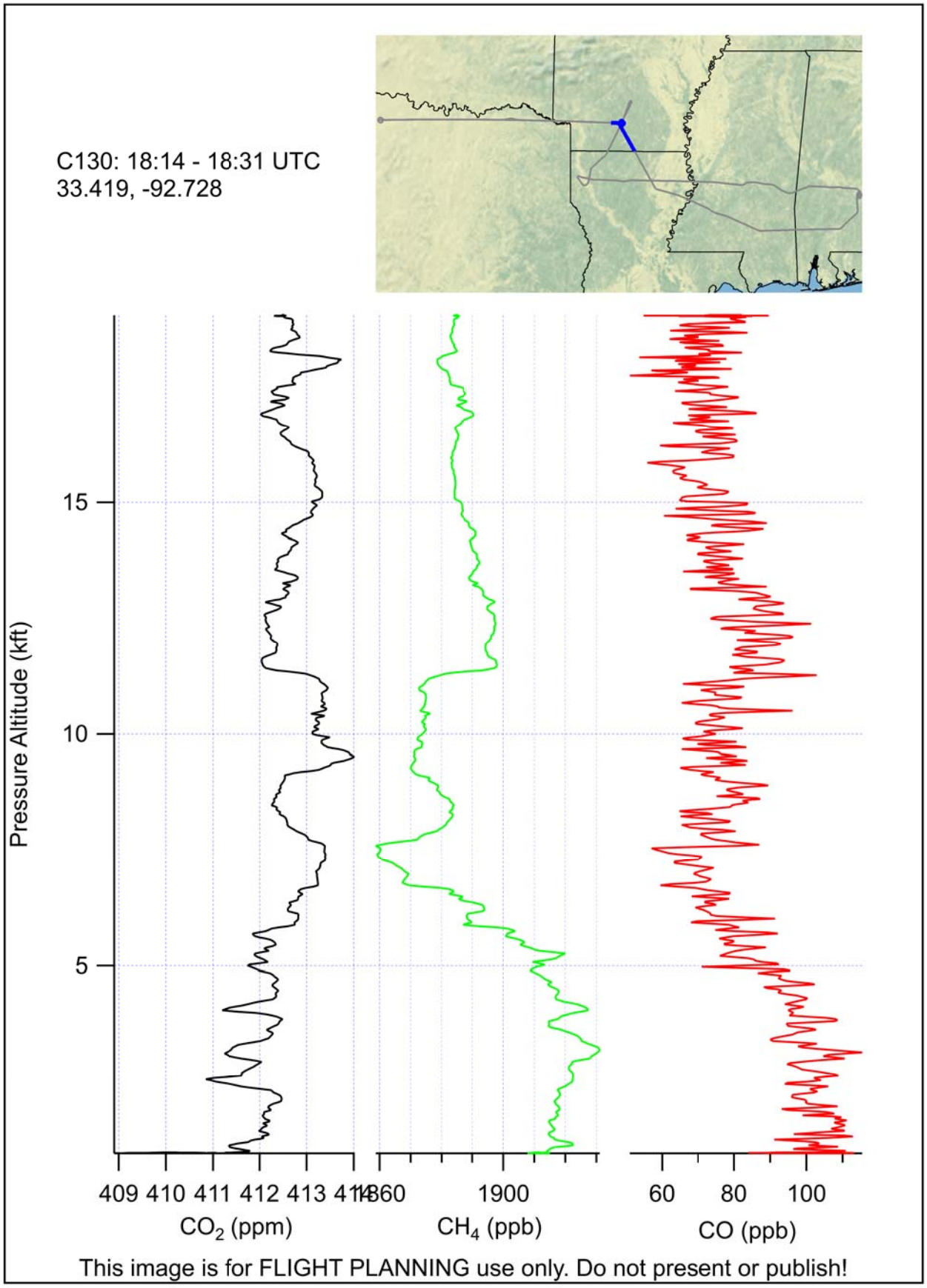
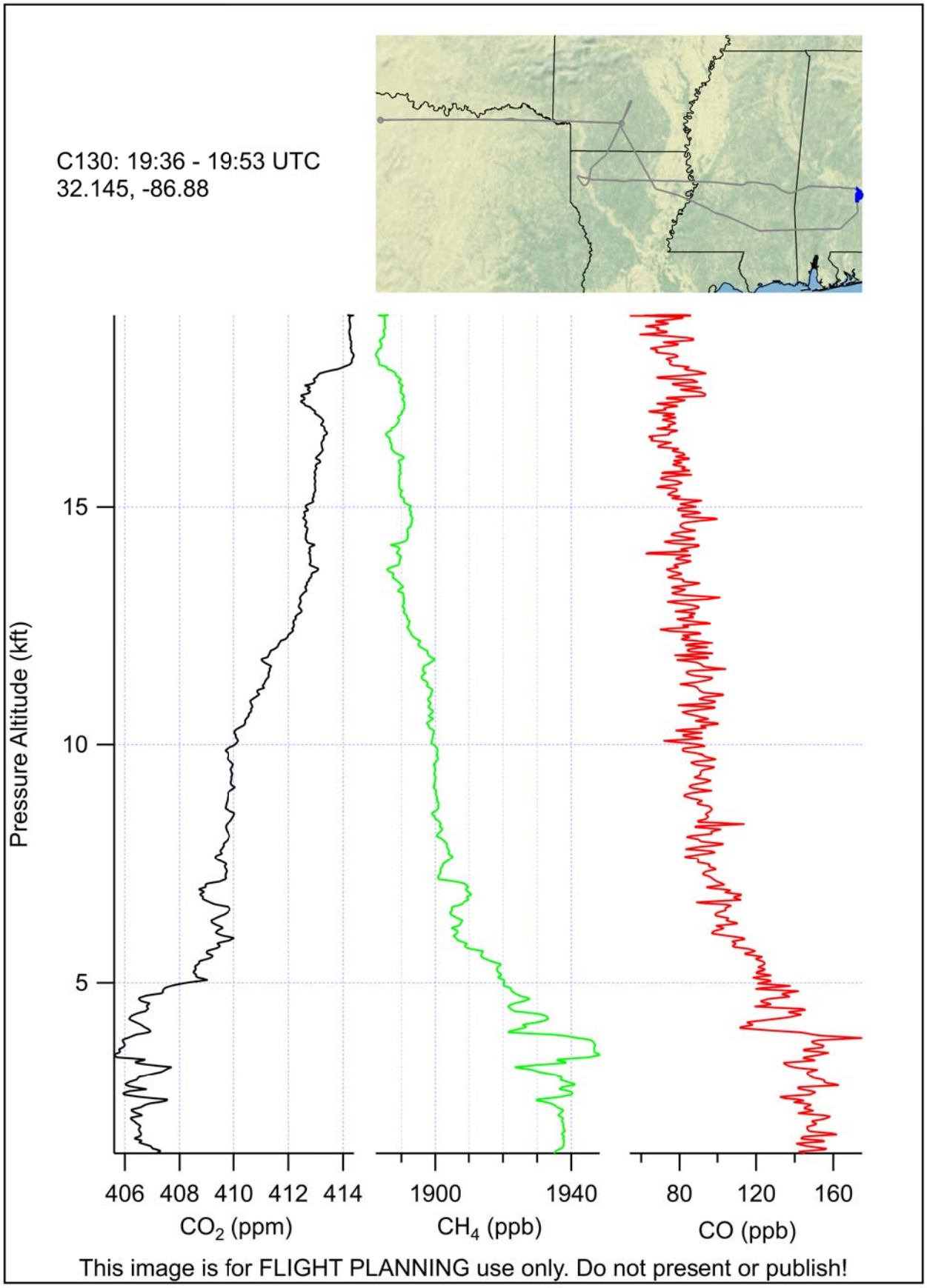
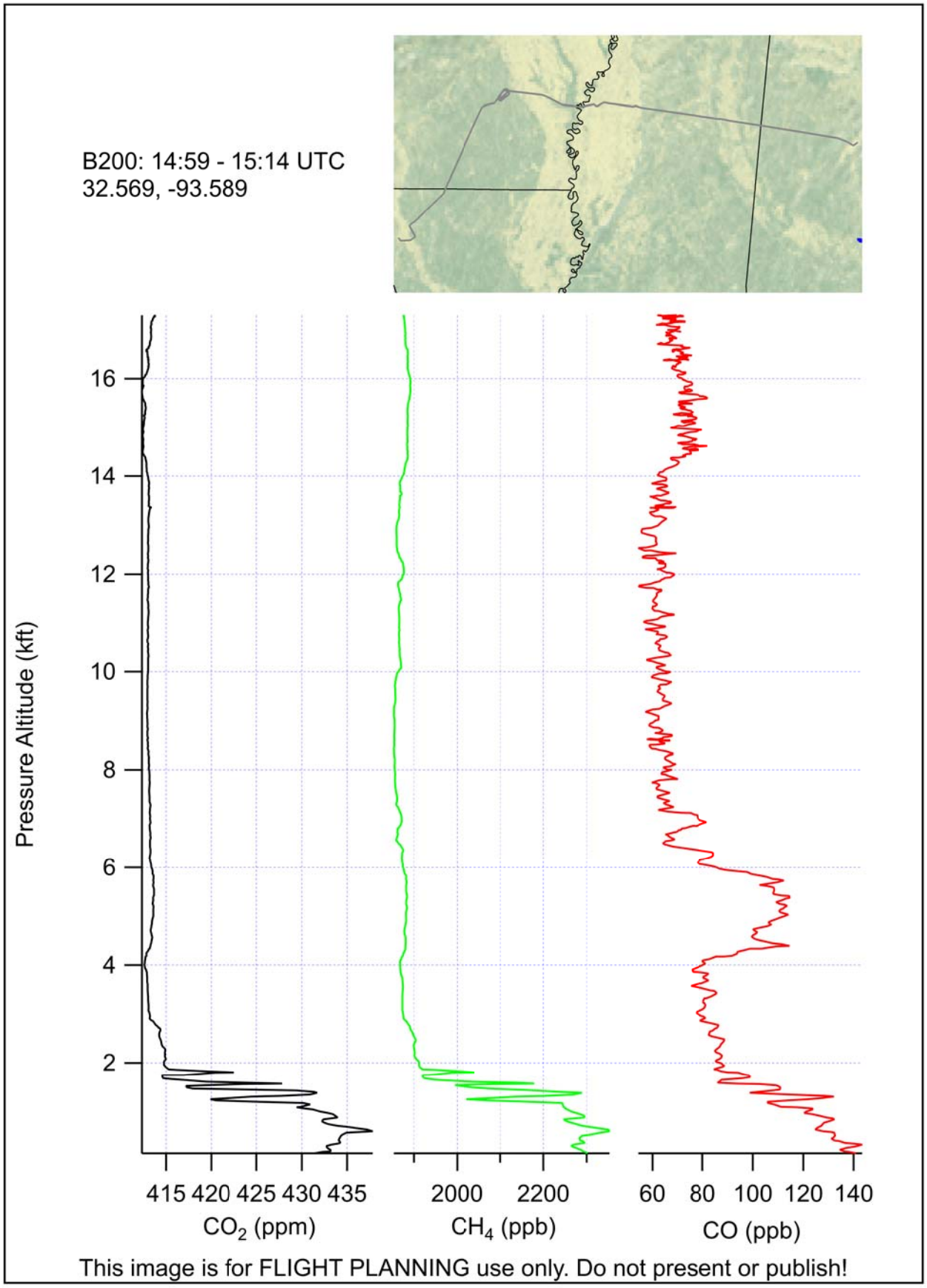
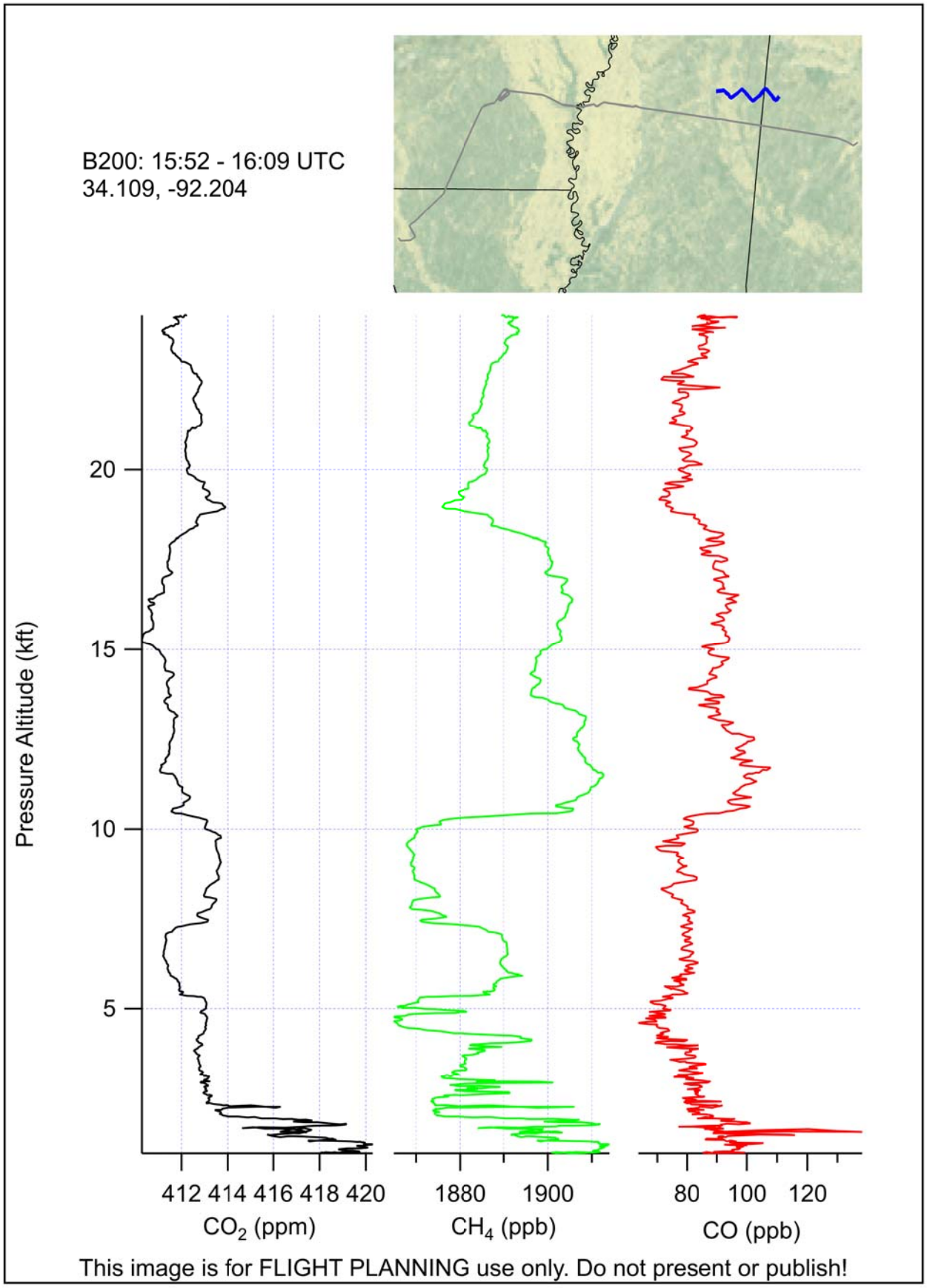
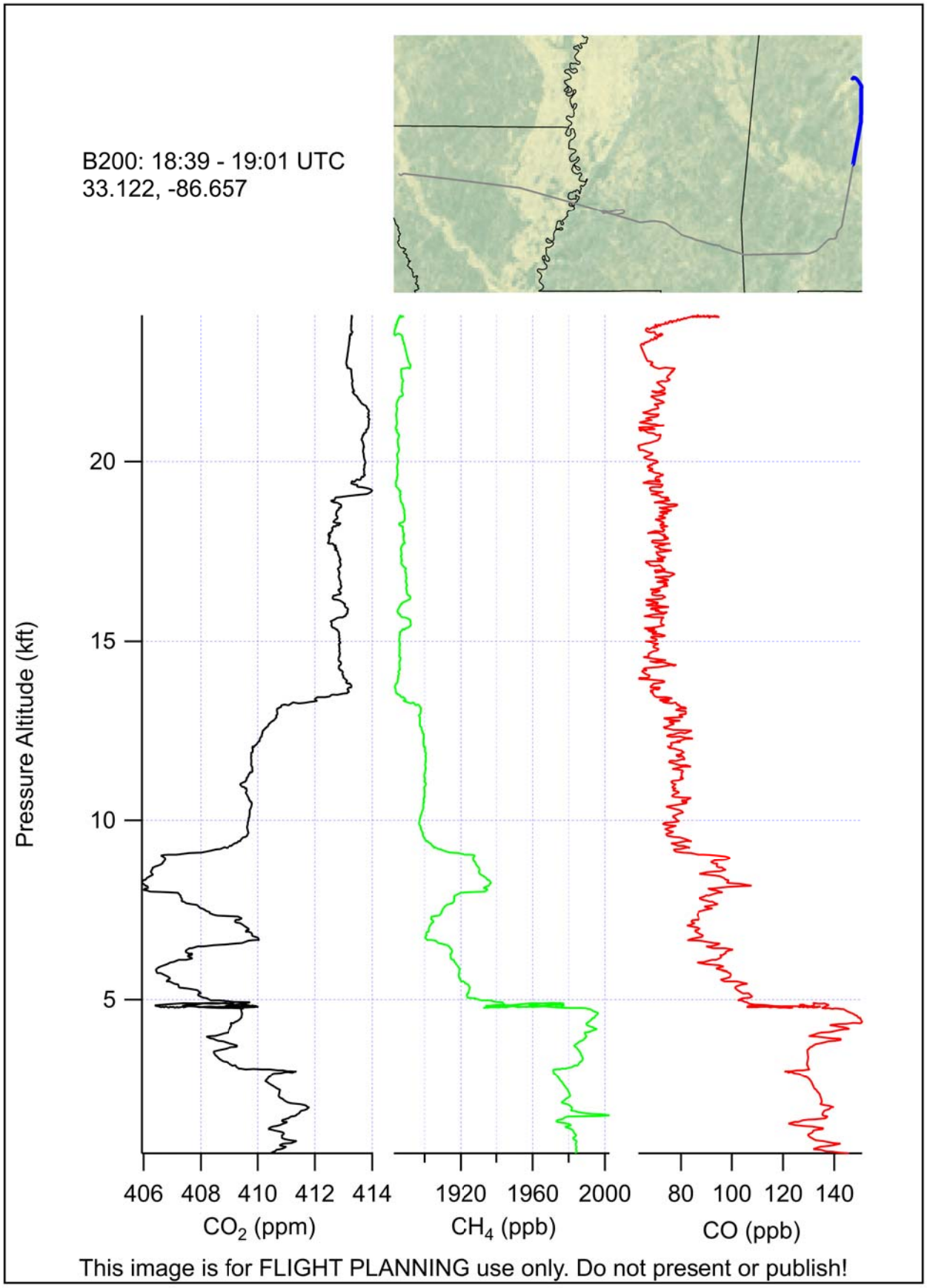
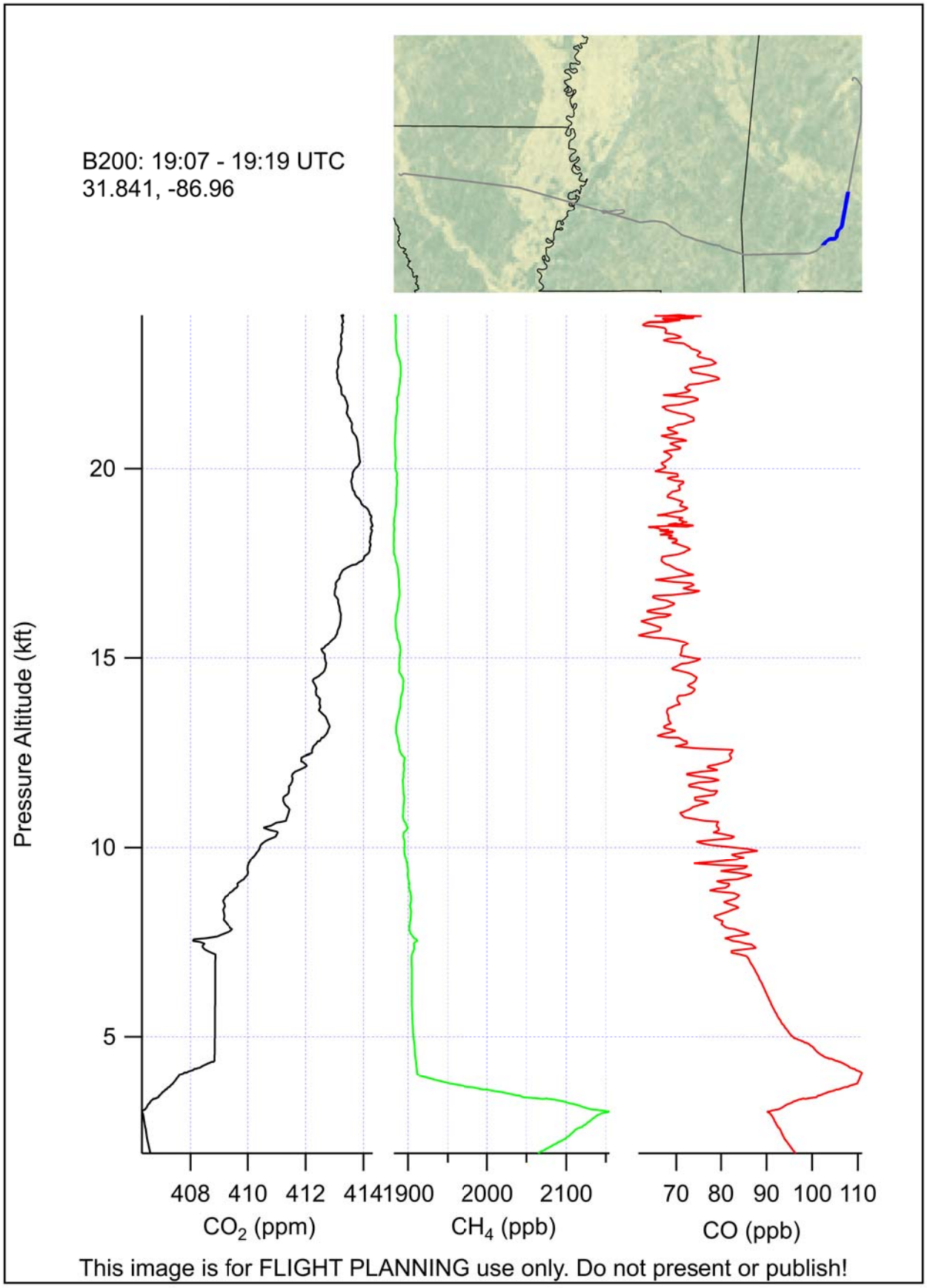

C130: 18:14 - 18:31 UTC
33.419, -92.728
Pressure Altitude (kft)
15
10
5
409 410 411 412 413 414
CO_2 (ppm)
1860
1900
CH_4 (ppb)
60
80
100
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

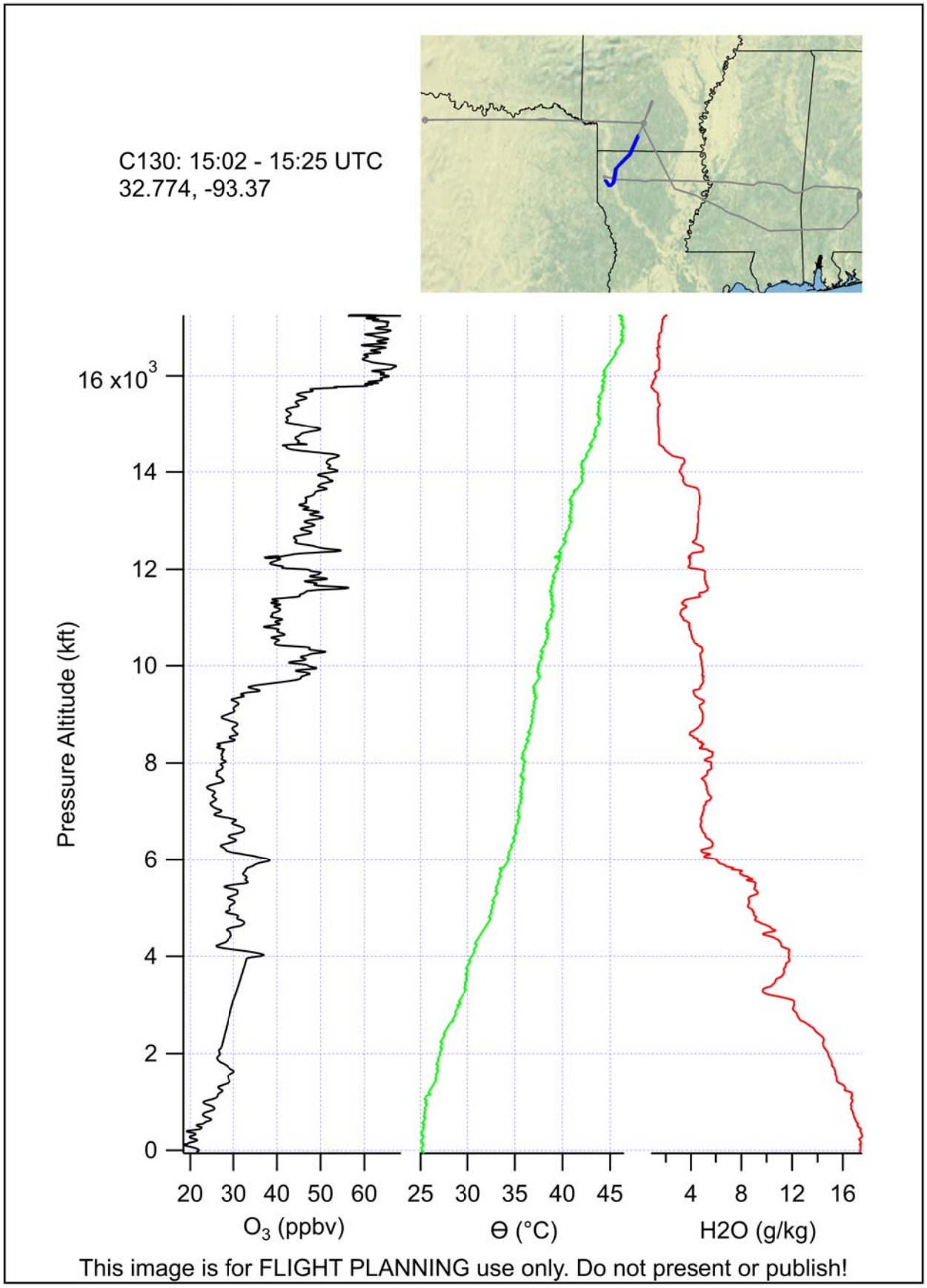

C130: 19:36 - 19:53 UTC
32.145, -86.88
Pressure Altitude (kft)
15
10
5
406 408 410 412 414
CO2 (ppm)
1900 1940
CH4 (ppb)
80 120 160
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

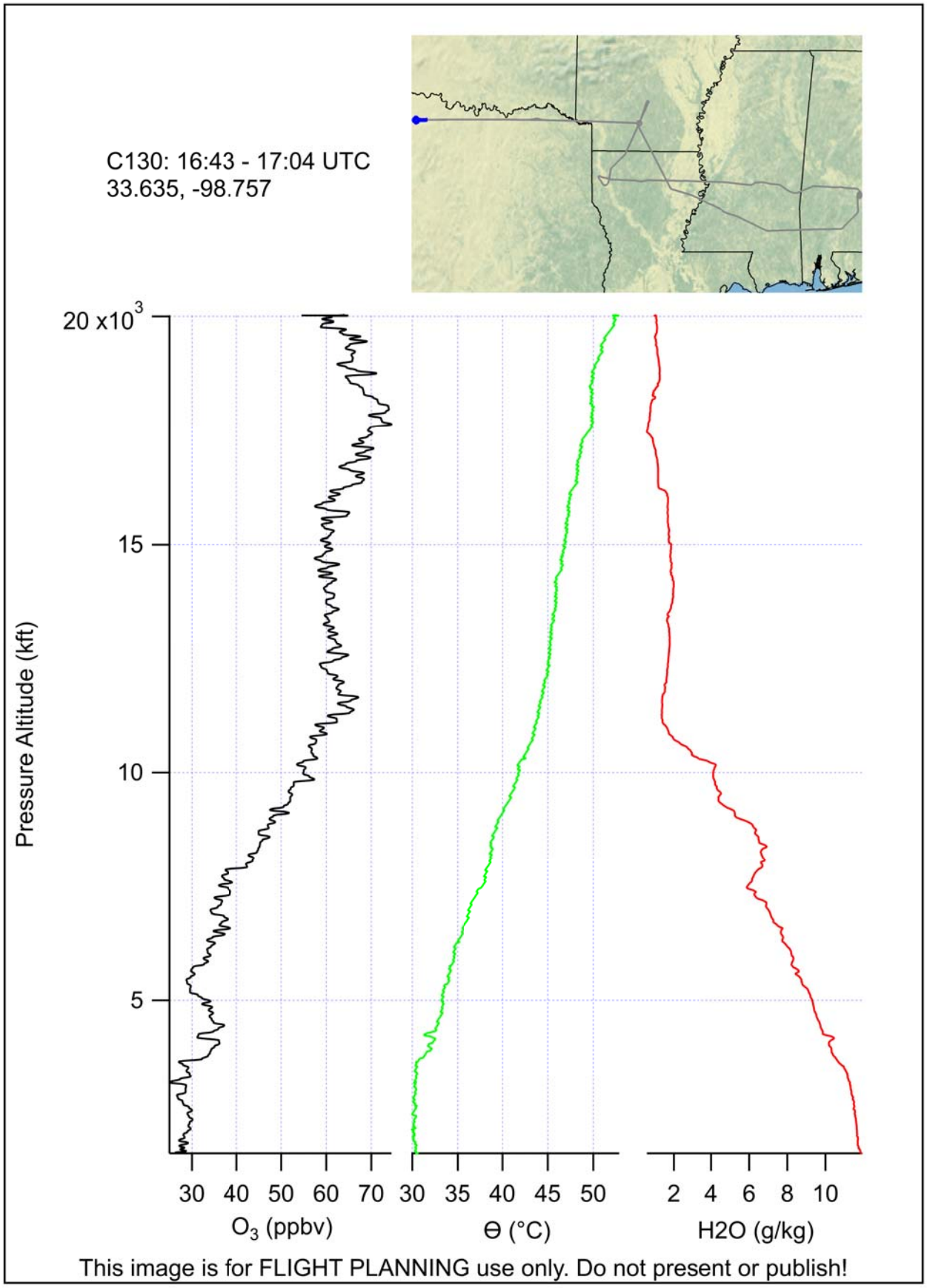

B200: 14:59 - 15:14 UTC
32.569, -93.589
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
415 420 425 430 435
CO_2 (ppm)
2000 2200
CH_4 (ppb)
60 80 100 120 140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 15:52 - 16:09 UTC
34.109, -92.204
Pressure Altitude (kft)
20
15
10
5
412 414 416 418 420
CO2 (ppm)
1880 1900
CH4 (ppb)
80 100 120
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!

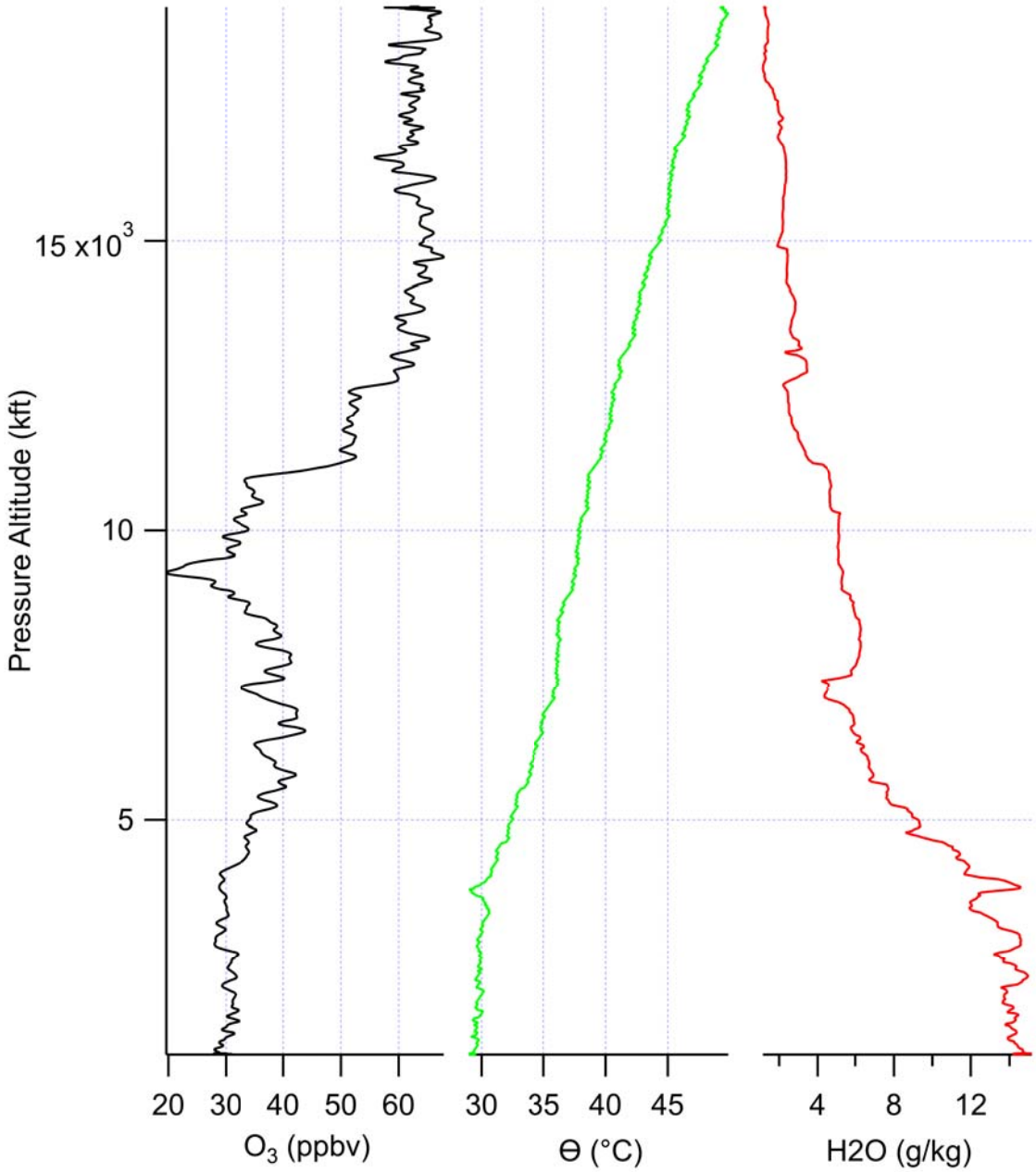

B200: 18:39 - 19:01 UTC
33.122, -86.657
Pressure Altitude (kft)
20
15
10
5
406 408 410 412 414
CO2 (ppm)
1920 1960 2000
CH4 (ppb)
80 100 120 140
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:07 - 19:19 UTC
31.841, -86.96
Pressure Altitude (kft)
20
15
10
5
408 410 412 414
CO2 (ppm)
1900 2000 2100
CH4 (ppb)
70 80 90 100 110
CO (ppb)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 15:02 - 15:25 UTC
32.774, -93.37
Pressure Altitude (kft)
16 x10^3
14
12
10
8
6
4
2
0
20 30 40 50 60
O3 (ppbv)
25 30 35 40 45
Θ (°C)
4 8 12 16
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


C130: 16:43 - 17:04 UTC
33.635, -98.757
20 x10^3
15
10
5
Pressure Altitude (kft)
30 40 50 60 70
O3 (ppbv)
30 35 40 45 50
Θ (°C)
2 4 6 8 10
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!

C130: 18:14 - 18:31 UTC
33.419, -92.728



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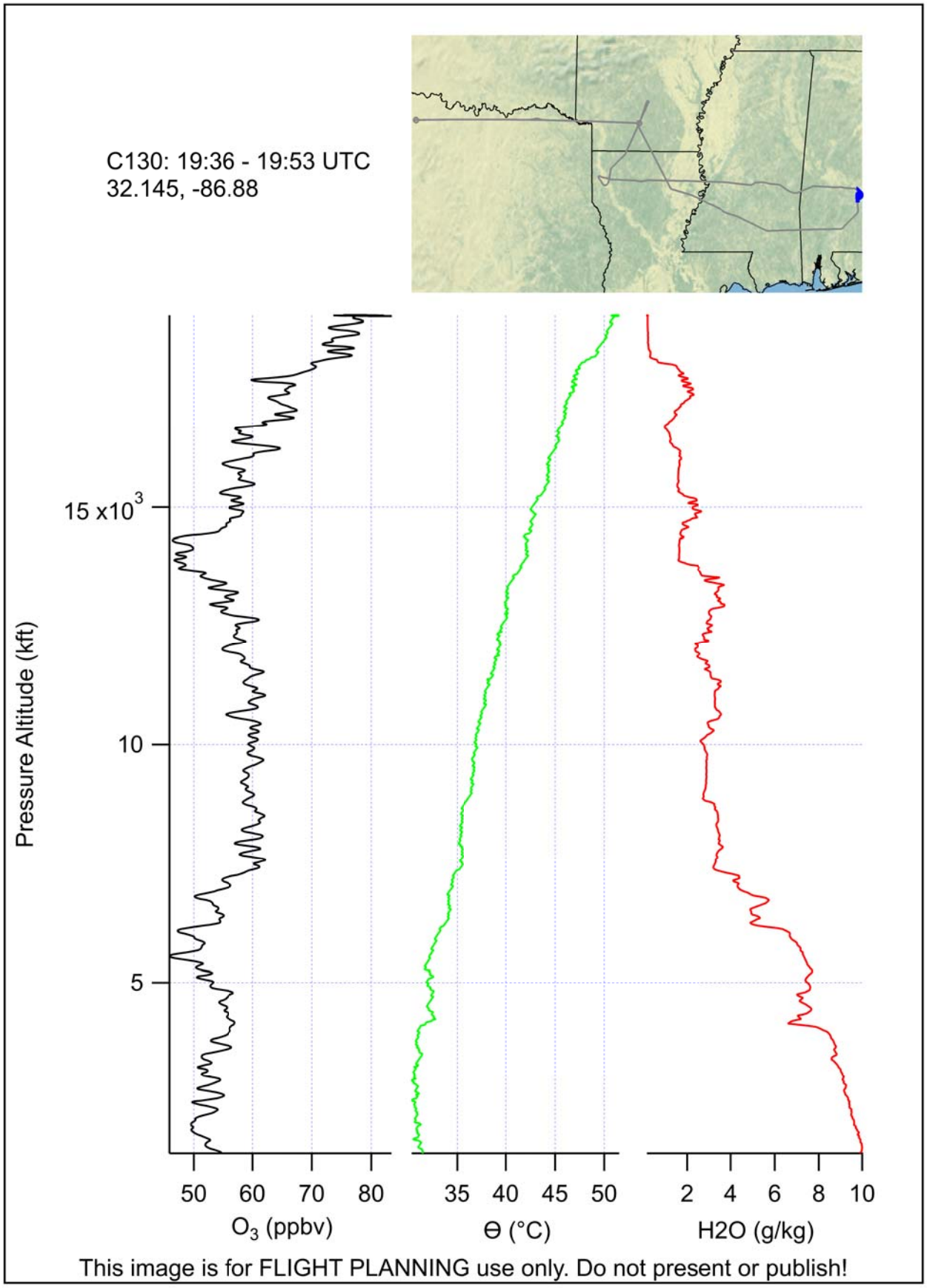
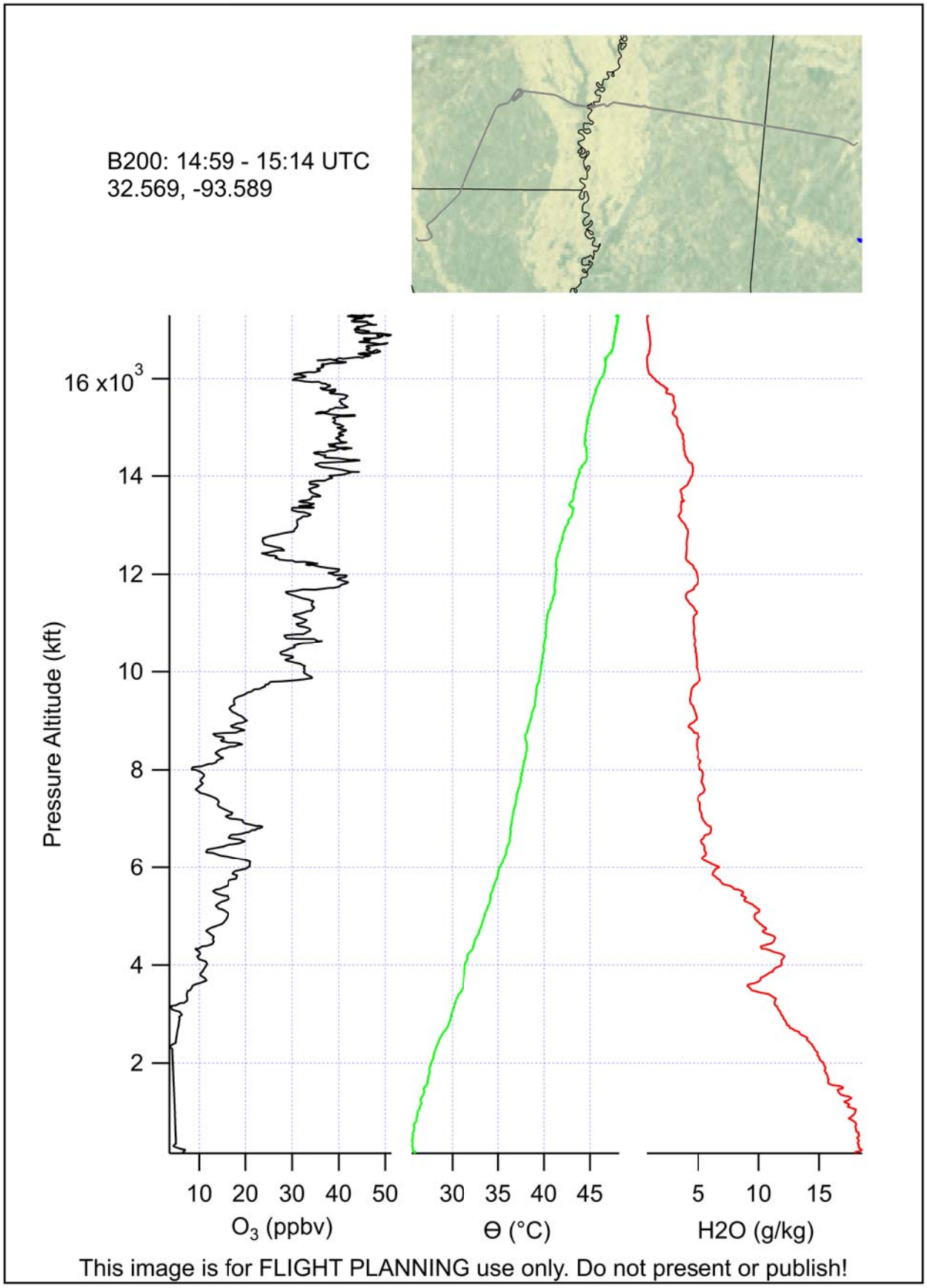
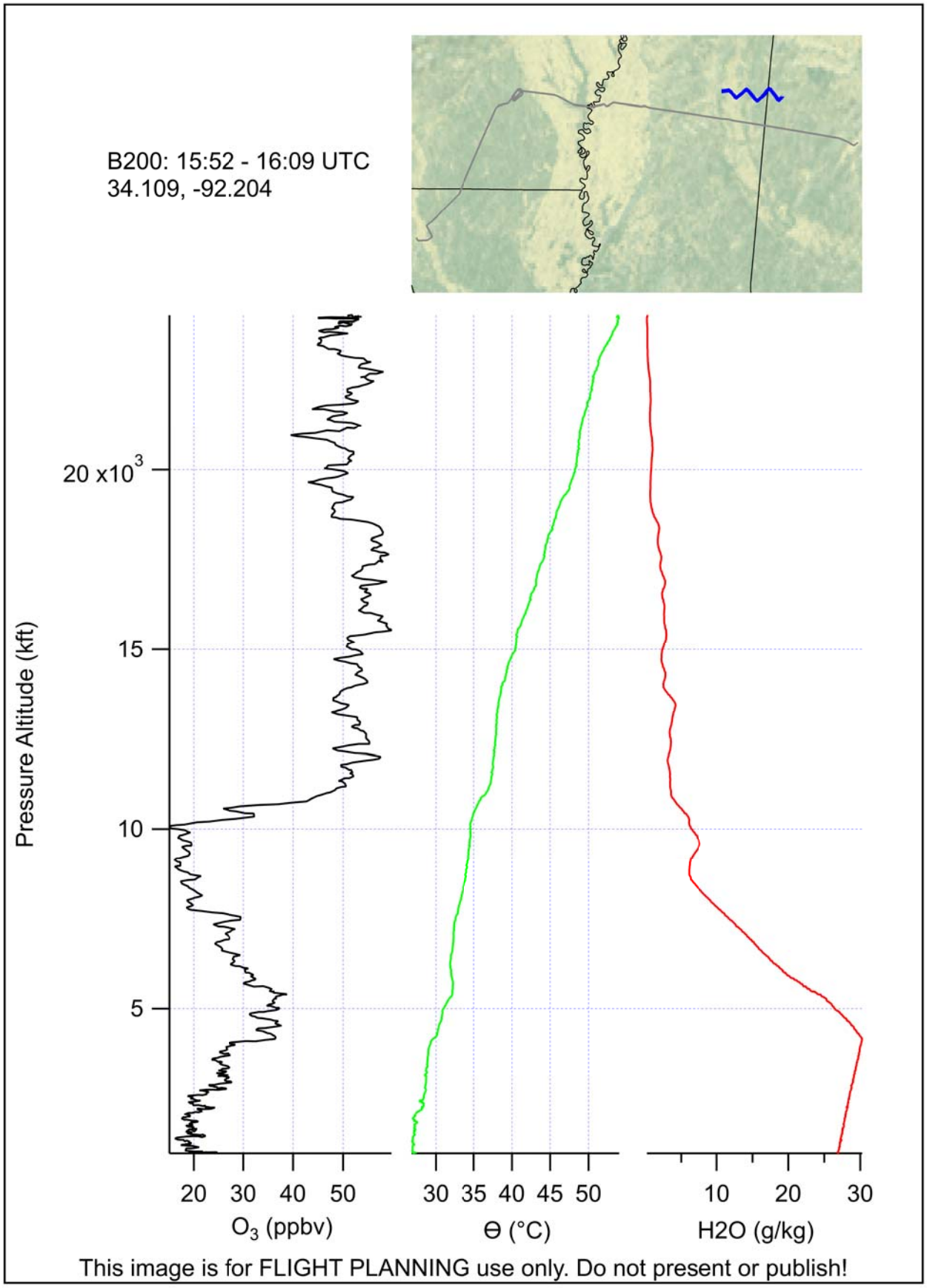
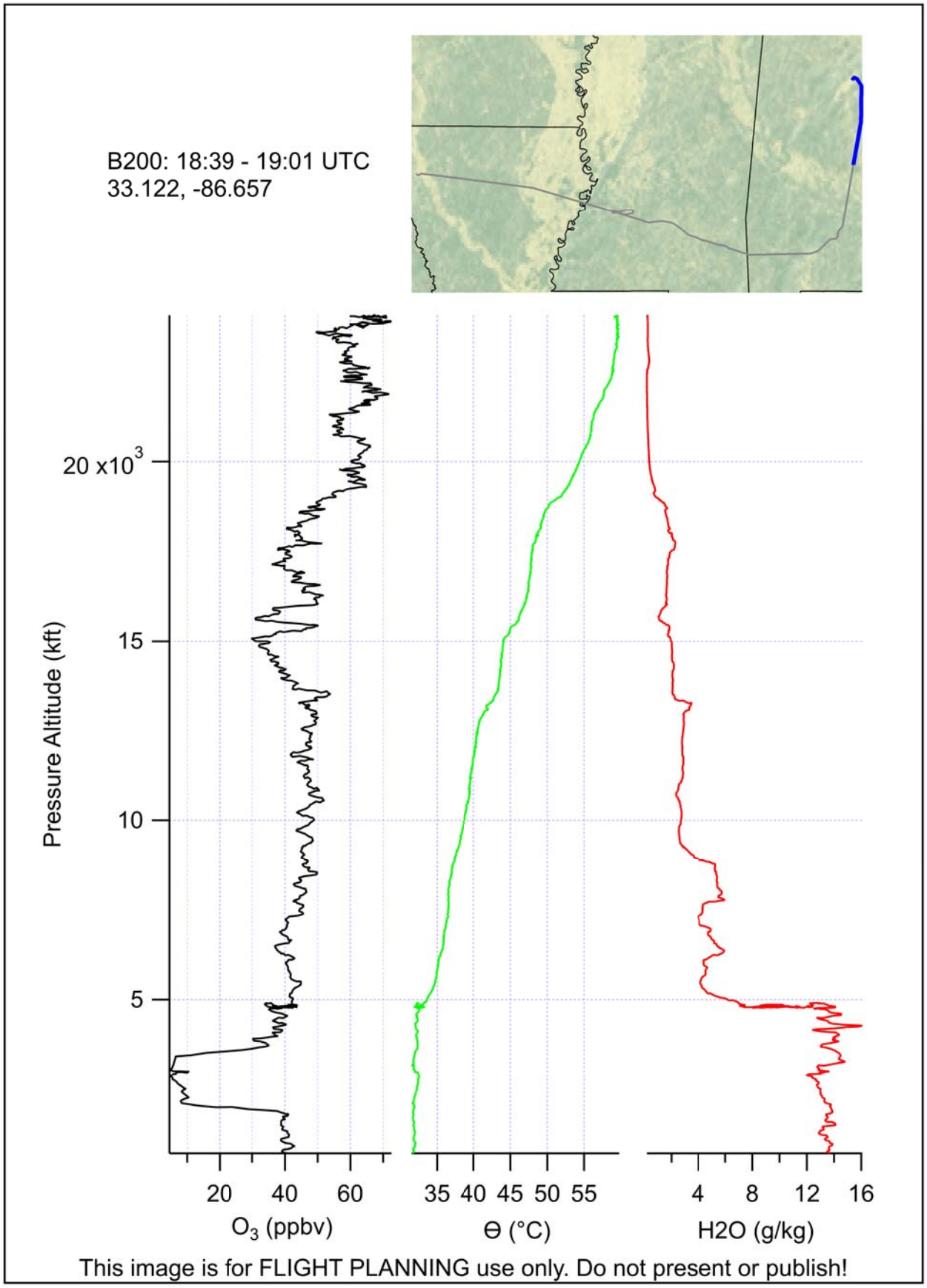
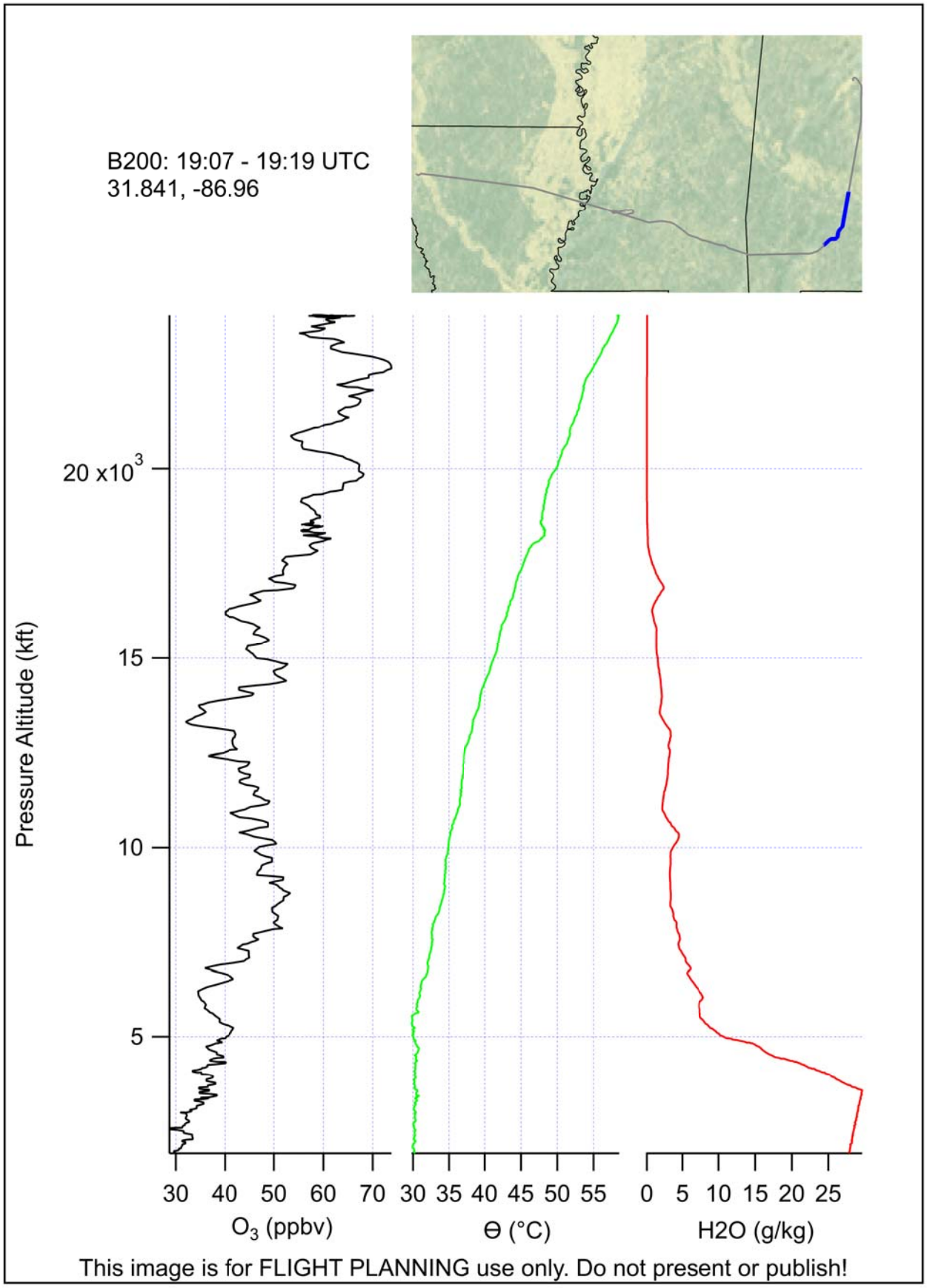

C130: 19:36 - 19:53 UTC
32.145, -86.88
Pressure Altitude (kft)
15 x10^3
10
5
50 60 70 80
O3 (ppbv)
35 40 45 50
Θ (°C)
2 4 6 8 10
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 14:59 - 15:14 UTC
32.569, -93.589
Pressure Altitude (kft)
16 x10^3
14
12
10
8
6
4
2
10 20 30 40 50
O3 (ppbv)
30 35 40 45
Θ (°C)
5 10 15
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 15:52 - 16:09 UTC
34.109, -92.204
Pressure Altitude (kft)
20 x10^3
15
10
5
20 30 40 50
O3 (ppbv)
30 35 40 45 50
Θ (°C)
10 20 30
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 18:39 - 19:01 UTC
33.122, -86.657
Pressure Altitude (kft)
20 x10^3
15
10
5
20 40 60
O3 (ppbv)
35 40 45 50 55
Θ (°C)
4 8 12 16
H2O (g/kg)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200: 19:07 - 19:19 UTC
31.841, -86.96
Pressure Altitude (kft)
20 x10^3
15
10
5
30 40 50 60 70
O3 (ppbv)
30 35 40 45 50 55
Θ (°C)
0 5 10 15 20 25
H2O (g/kg)
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