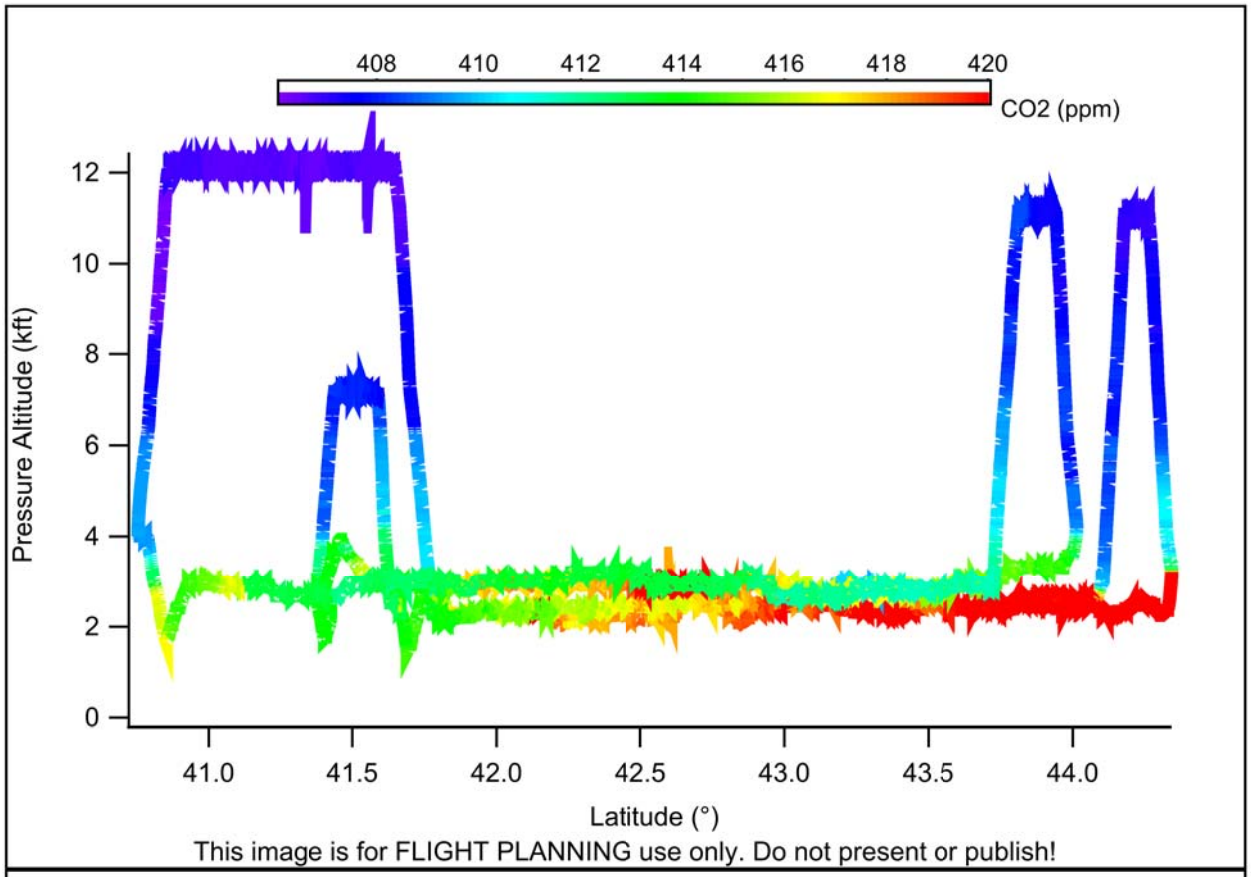
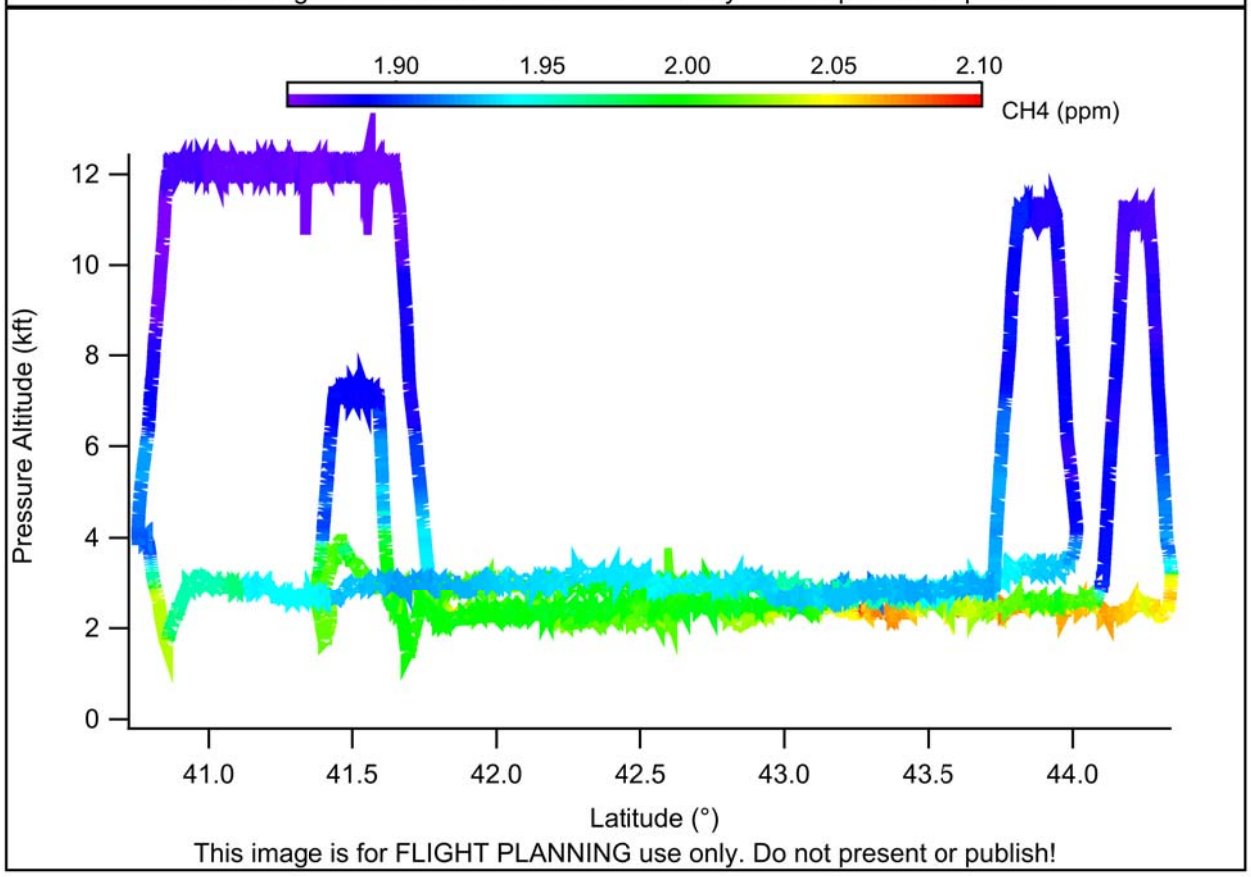
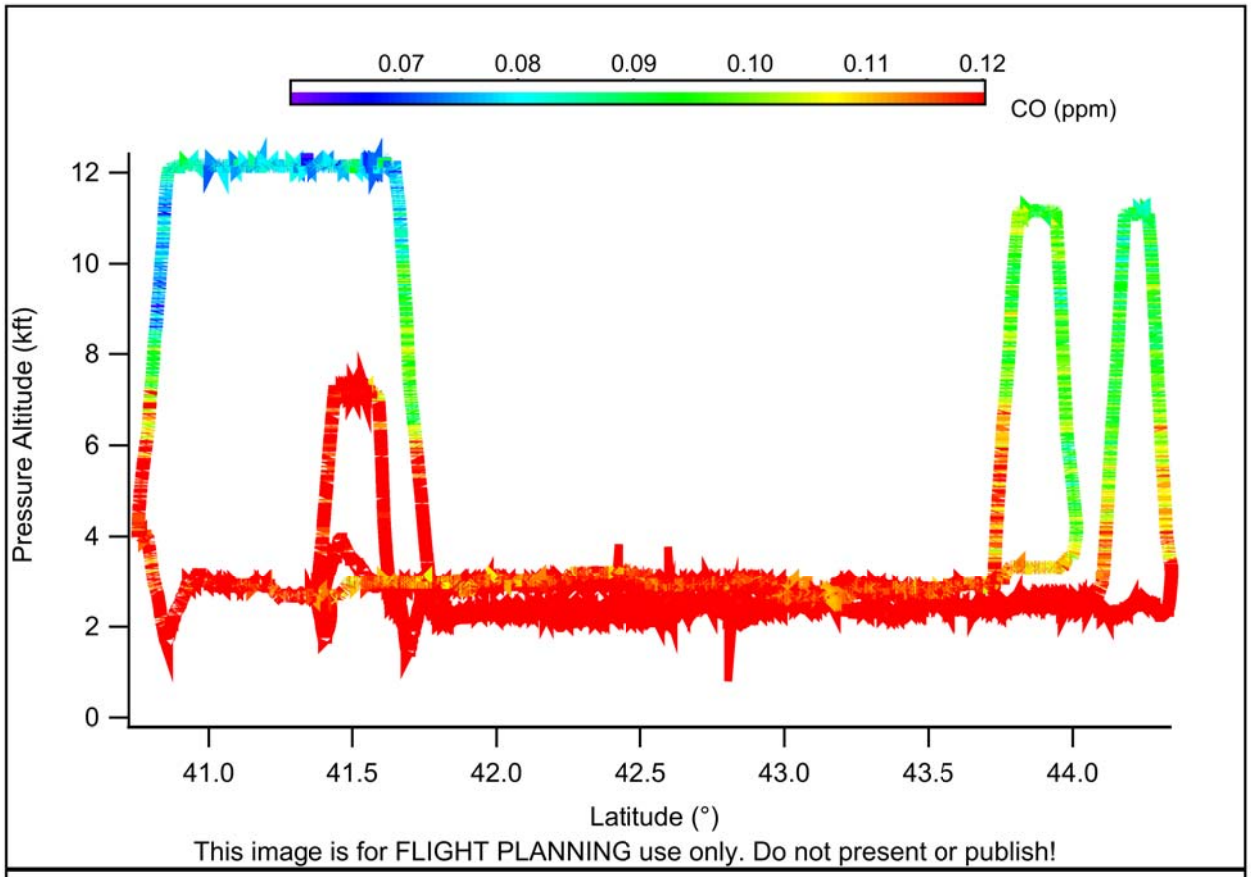
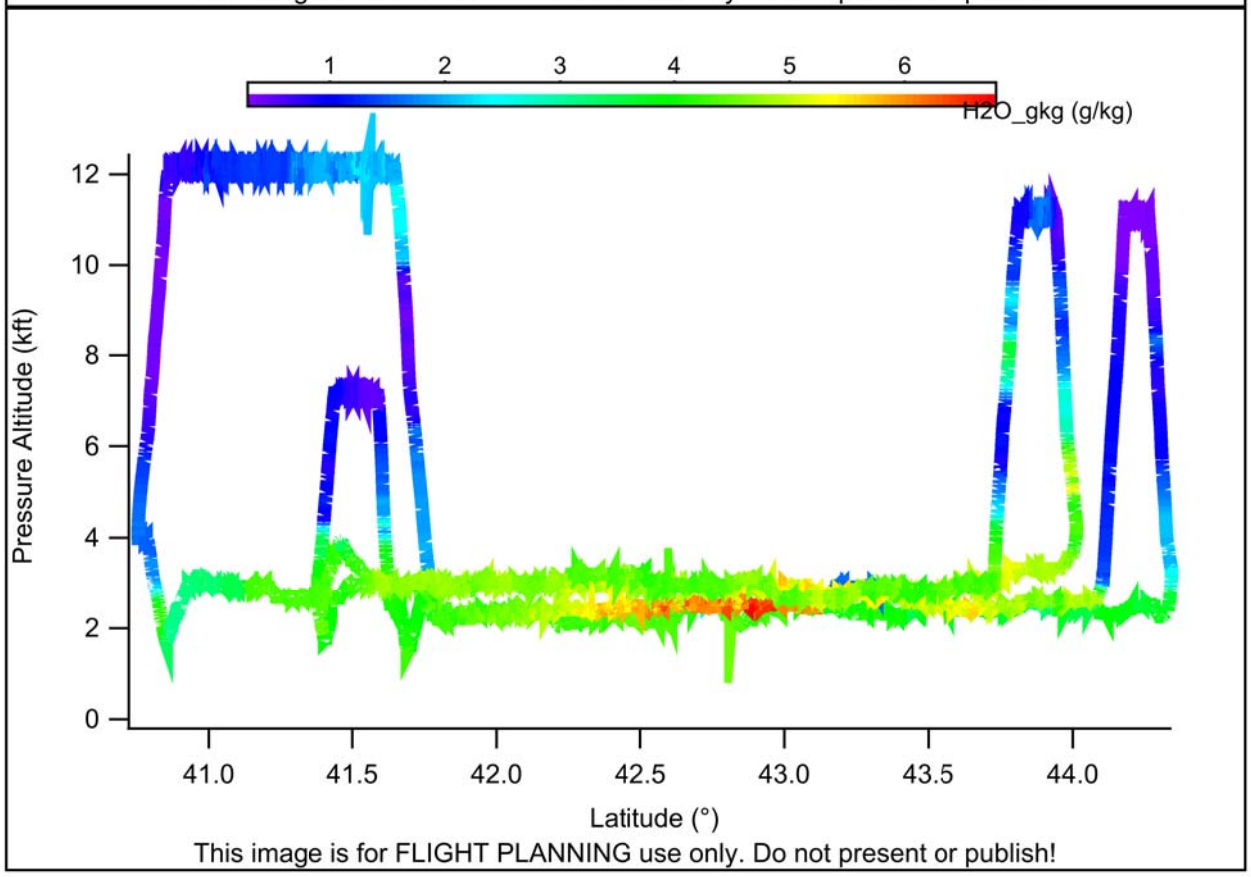
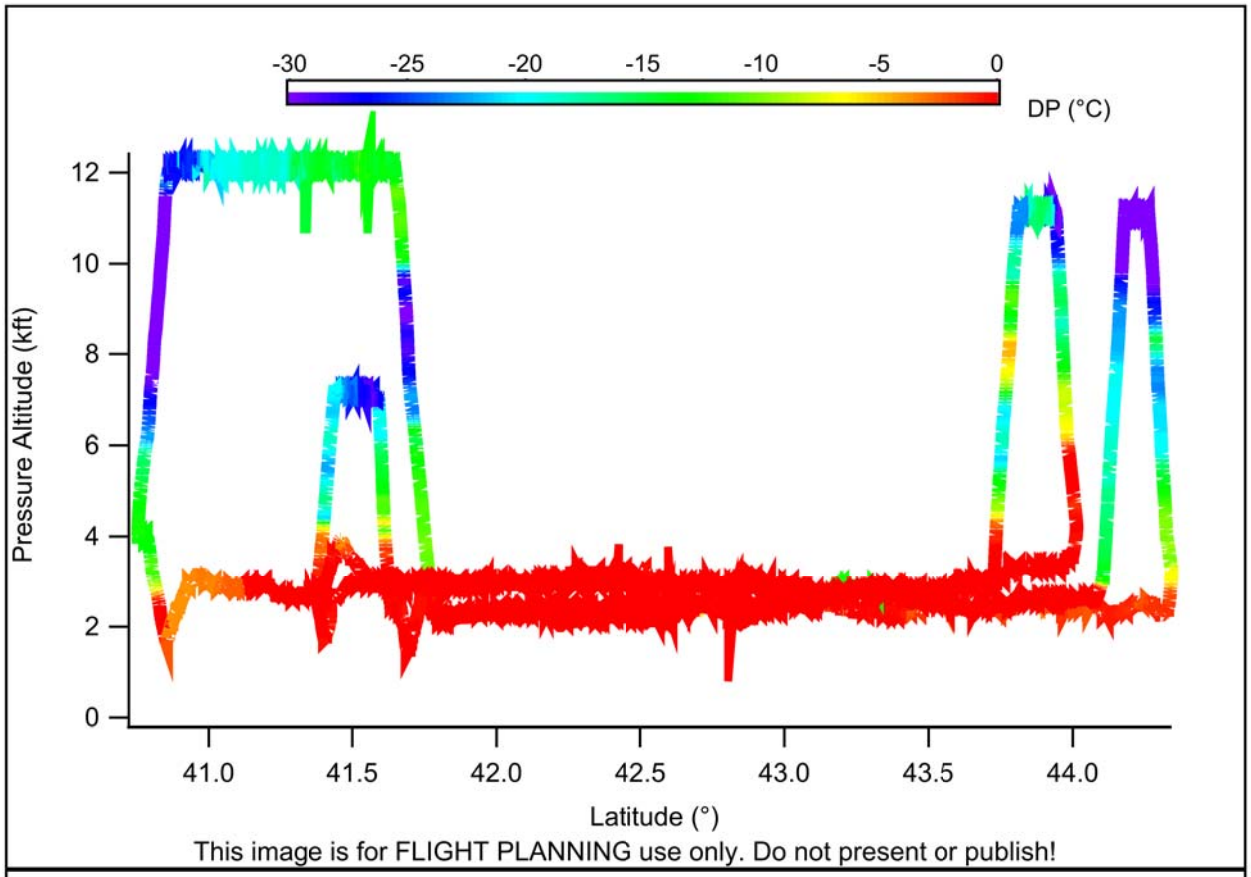
ACT-America 20170217

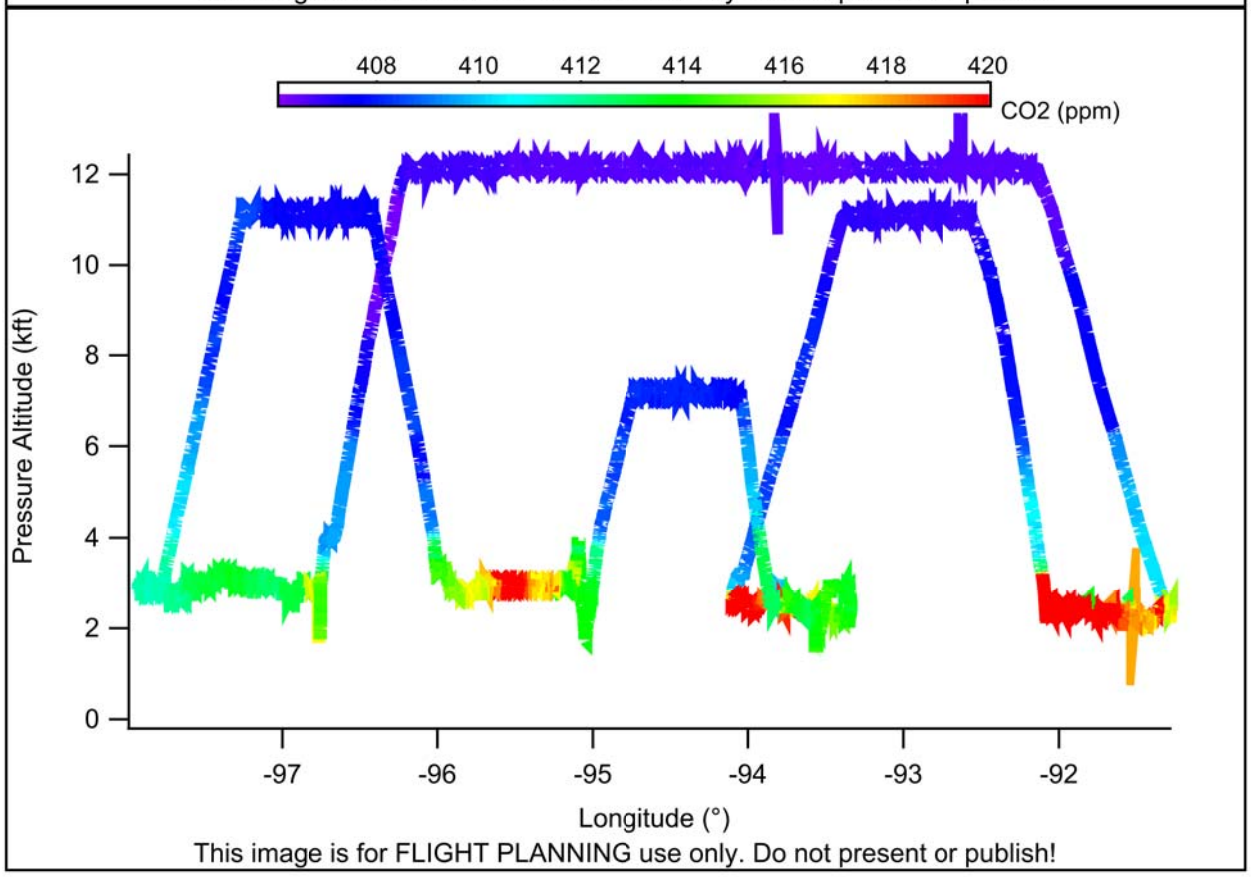

408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
41.0
41.5
42.0
42.5
43.0
43.5
44.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

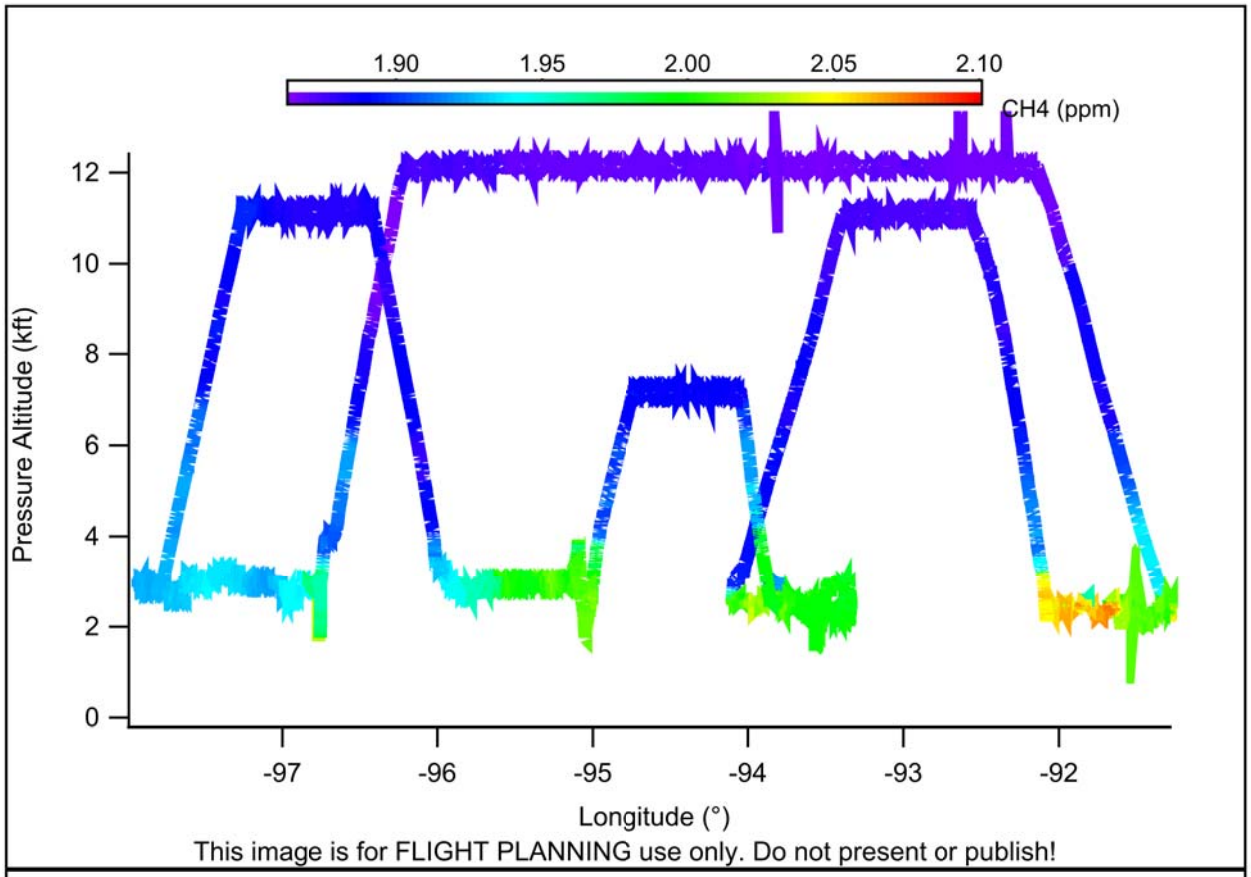

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
41.0
41.5
42.0
42.5
43.0
43.5
44.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

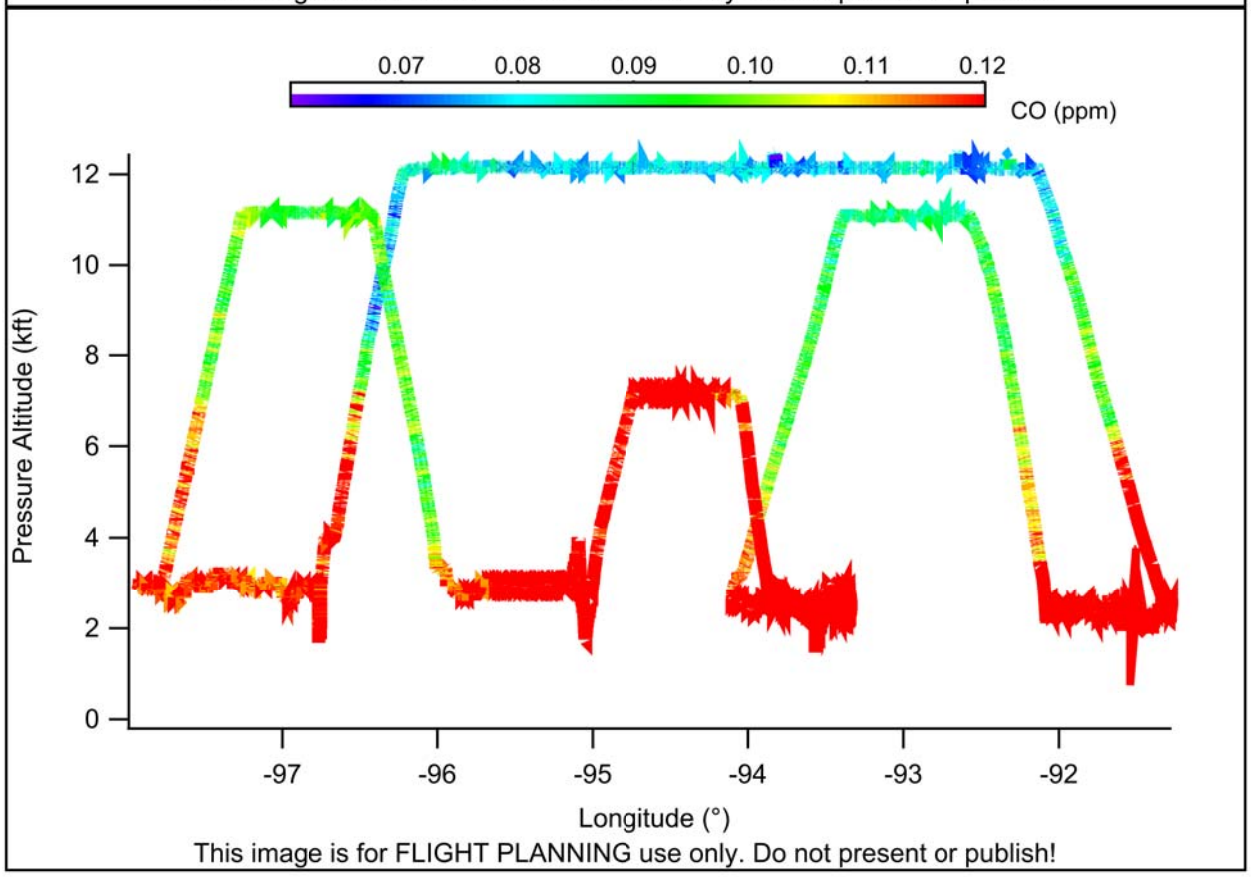

0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
41.0
41.5
42.0
42.5
43.0
43.5
44.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

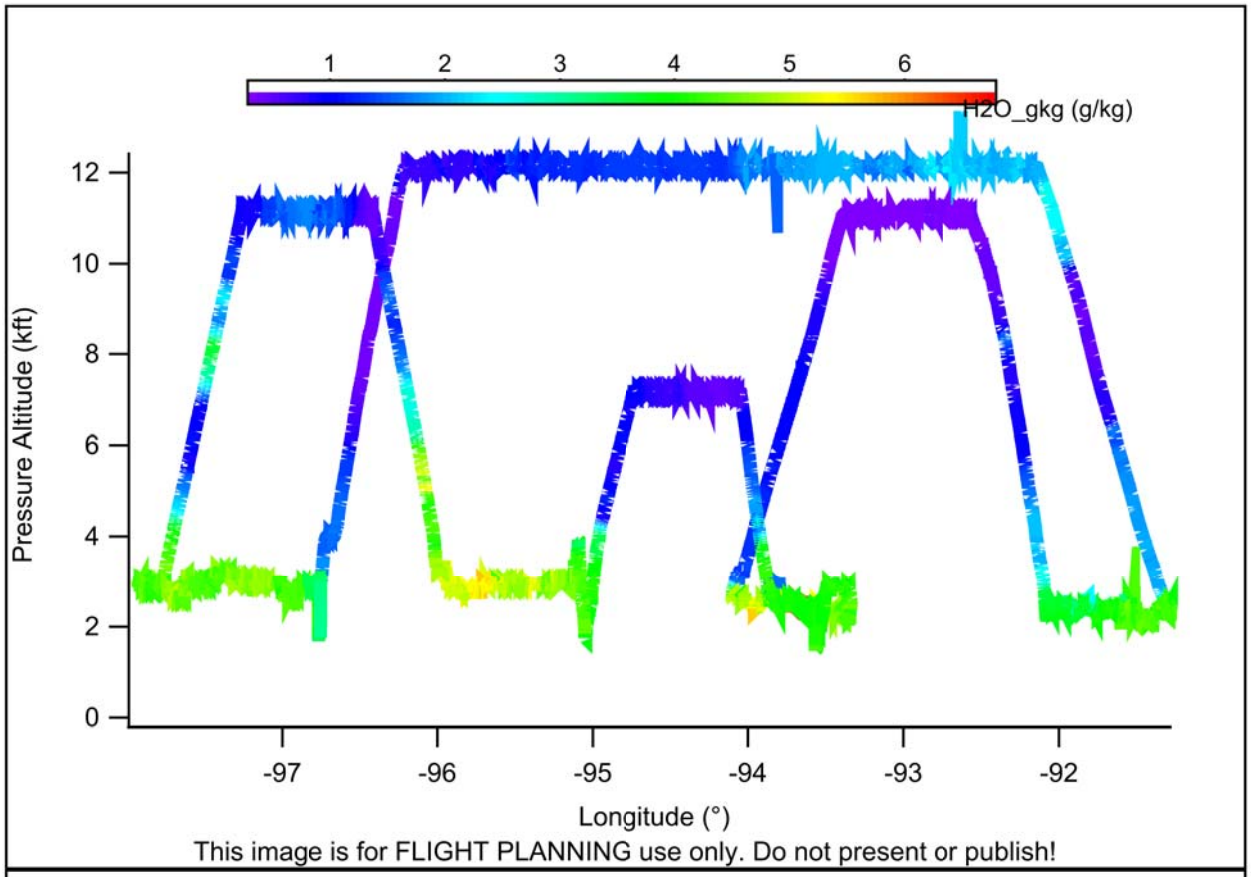

1
2
3
4
5
6
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
2
4
6
8
10
12
41.0
41.5
42.0
42.5
43.0
43.5
44.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

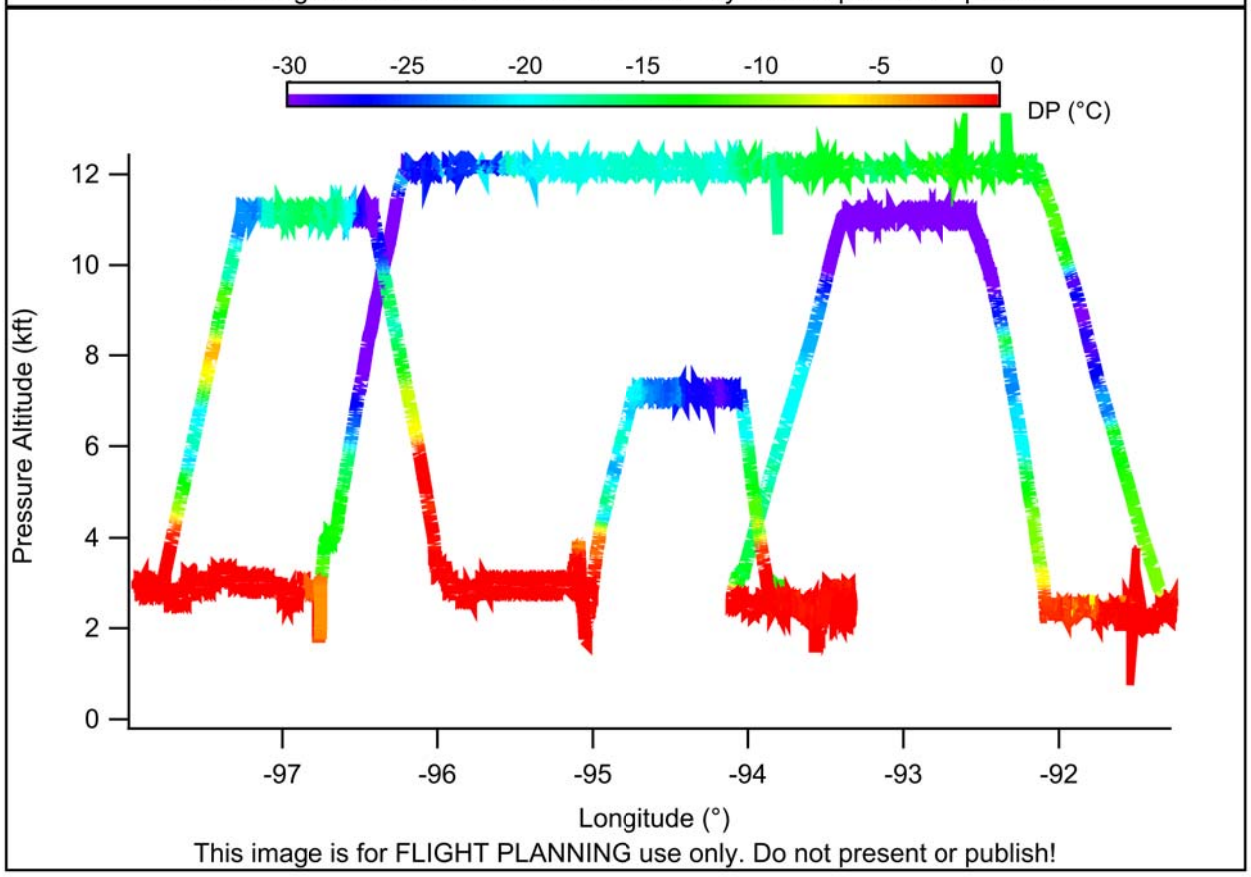

-30
-25
-20
-15
-10
-5
0
DP (°C)
Pressure Altitude (kft)
0
2
4
6
8
10
12
41.0
41.5
42.0
42.5
43.0
43.5
44.0
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

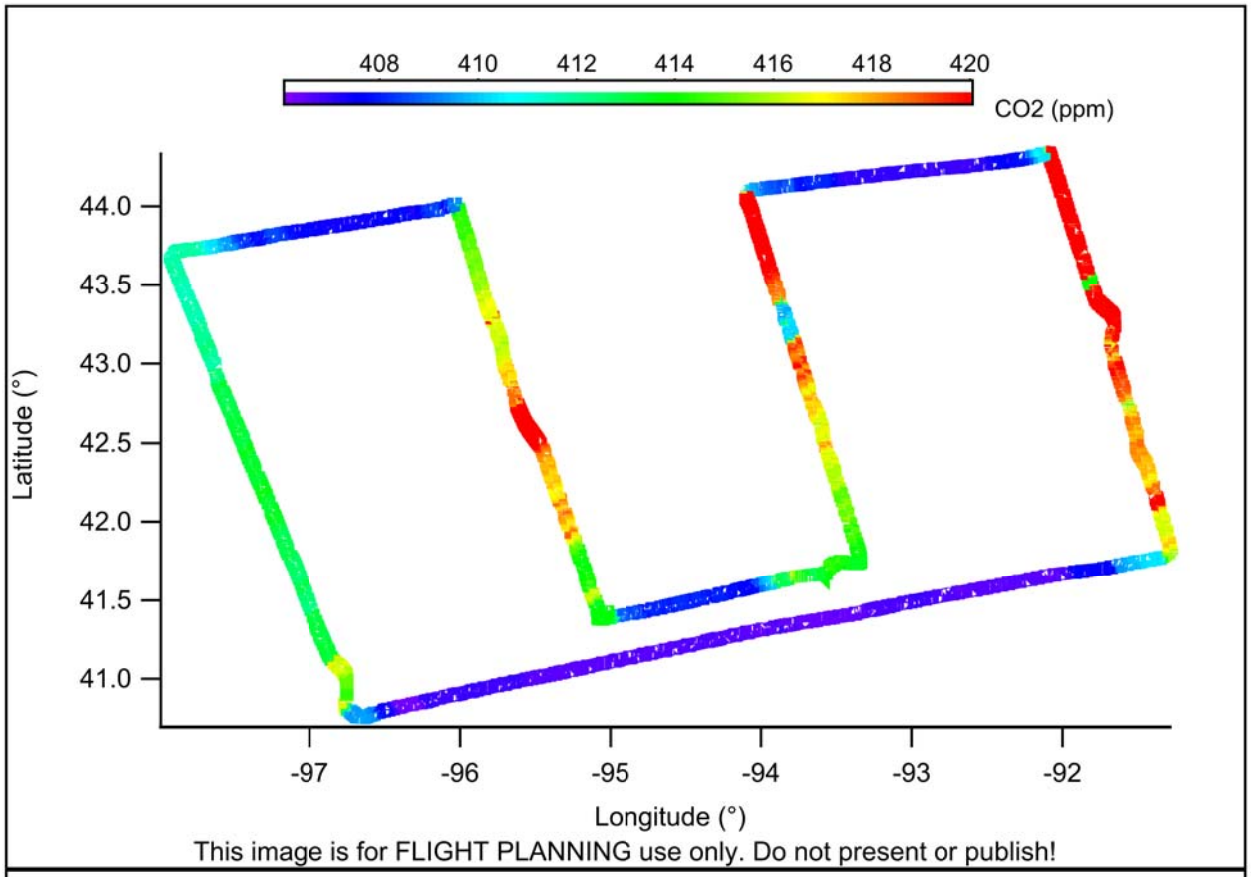

408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
-97
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

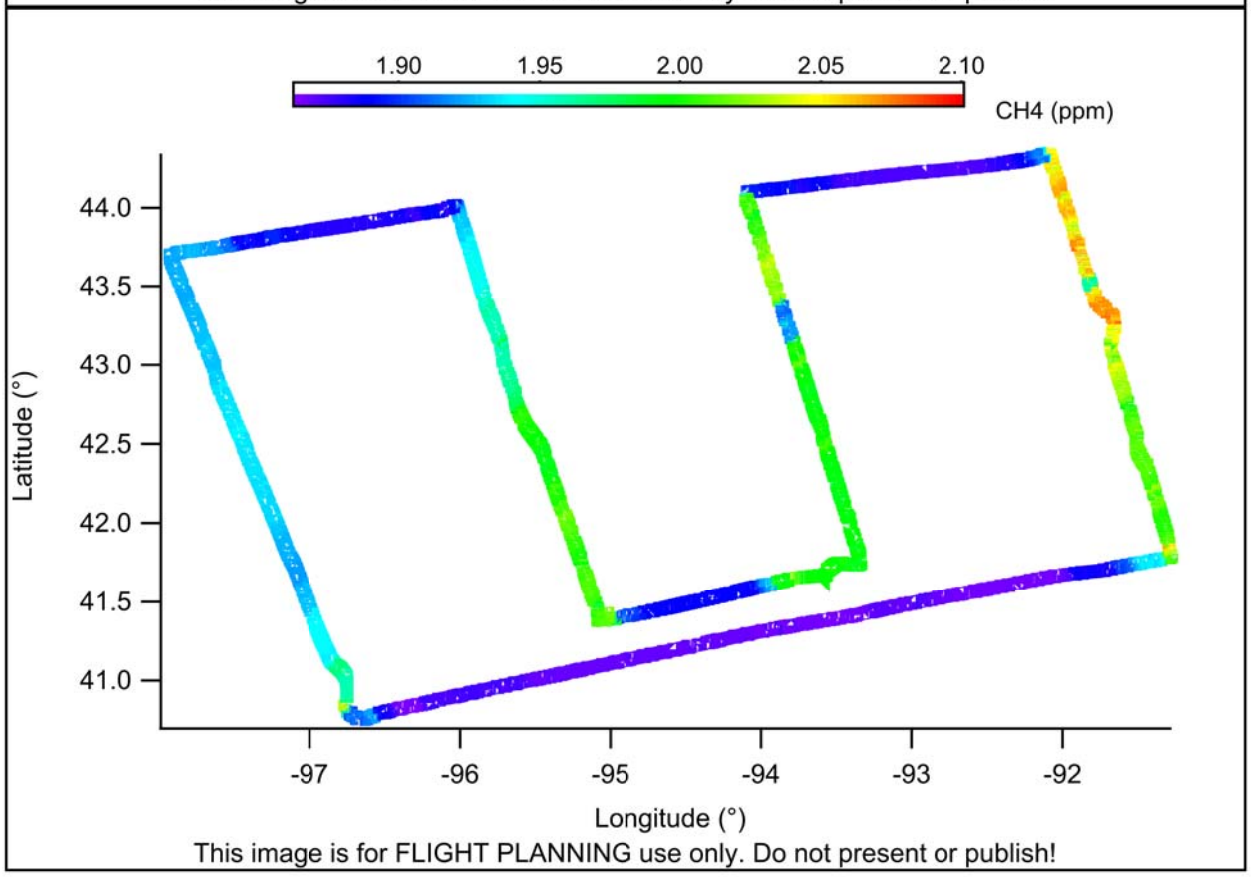

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
-97
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

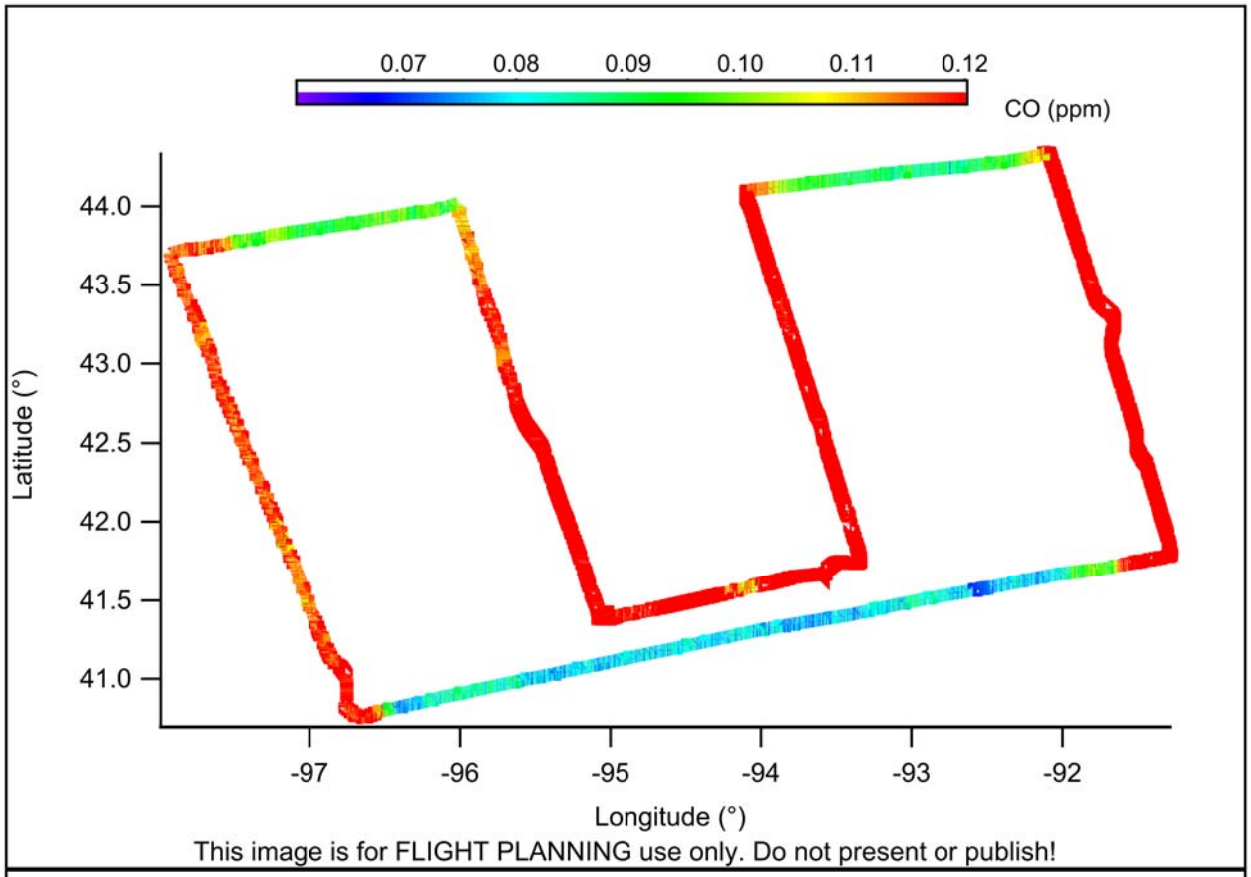

0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
-97
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

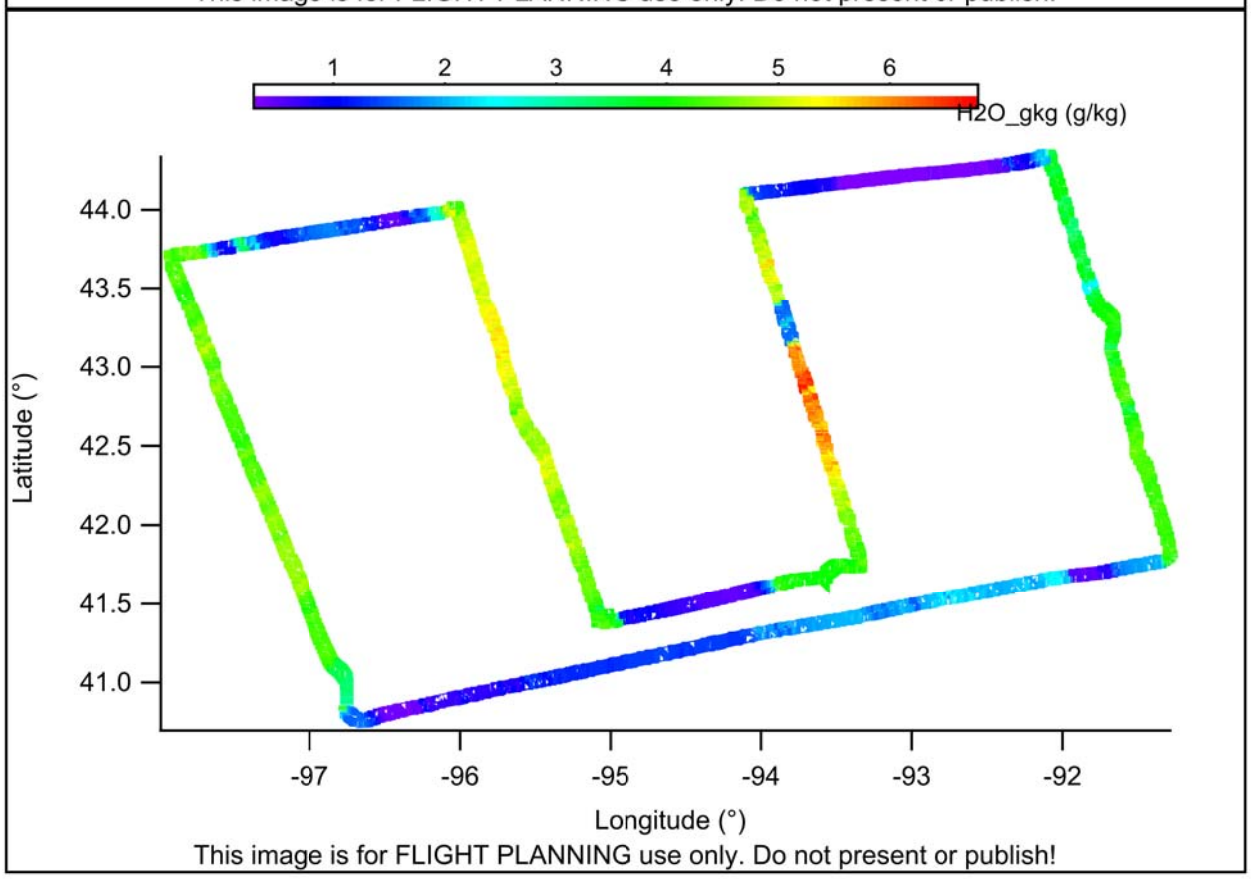

1
2
3
4
5
6
H2O_gkg (g/kg)
Pressure Altitude (kft)
12
10
8
6
4
2
0
-97
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

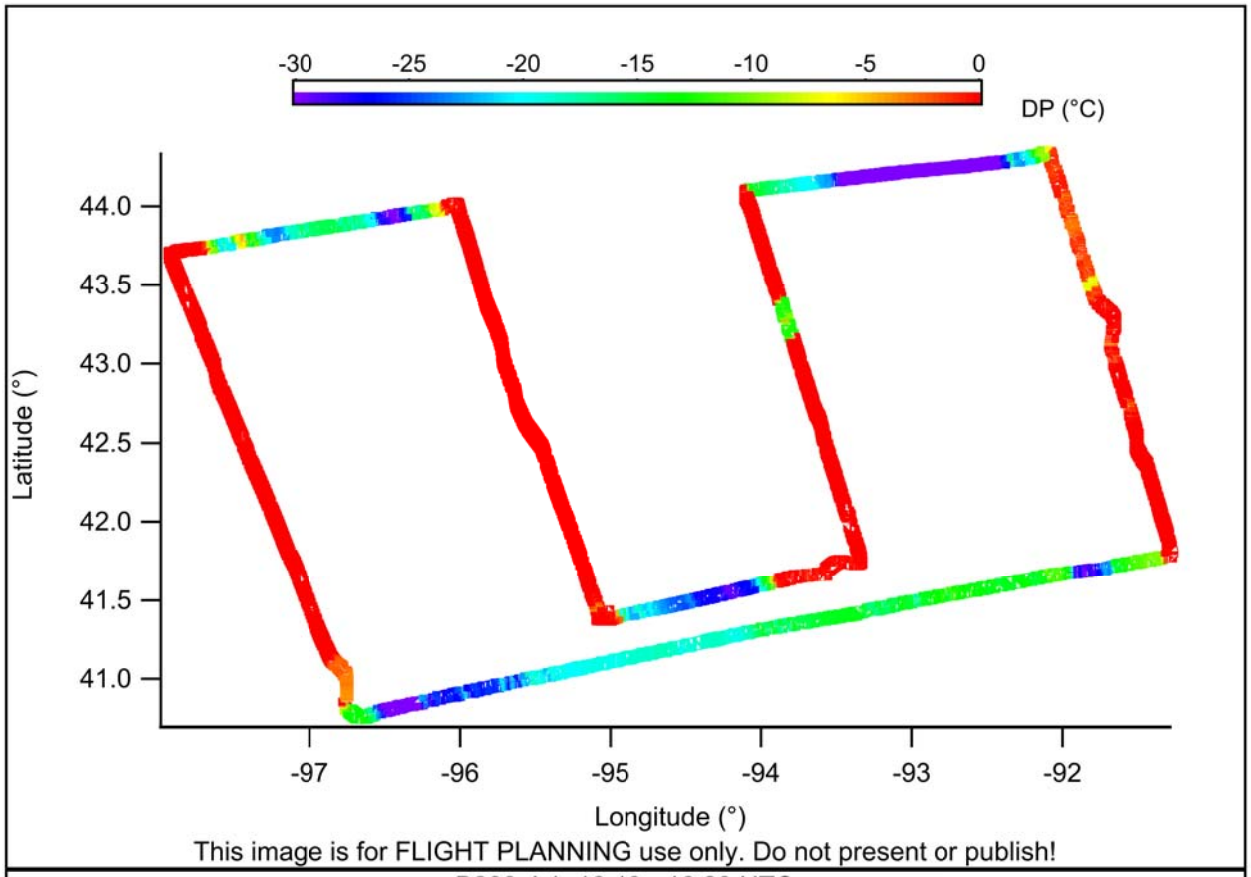

-30
-25
-20
-15
-10
-5
0
DP (°C)
Pressure Altitude (kft)
12
10
8
6
4
2
0
-97
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

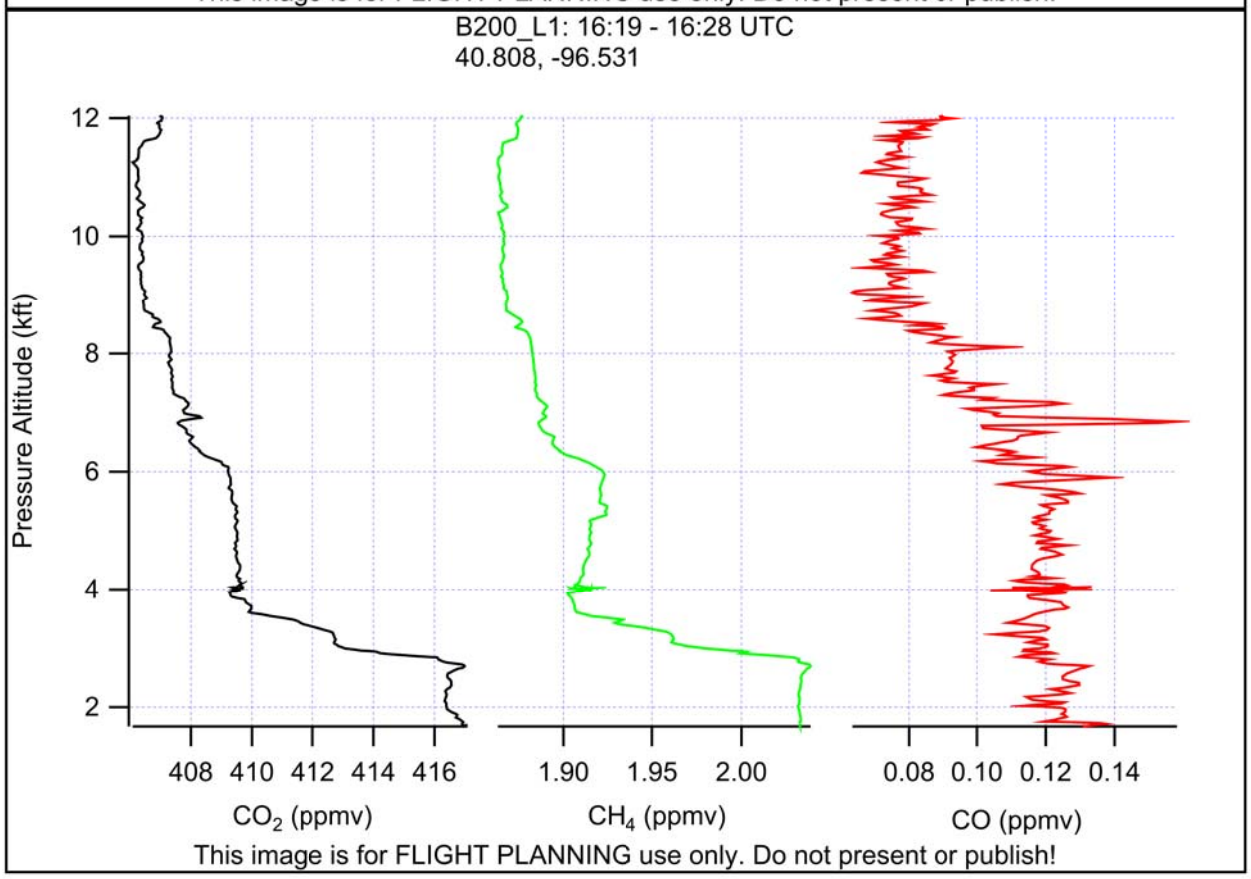

408
410
412
414
416
418
420
CO2 (ppm)
44.0
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-97
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

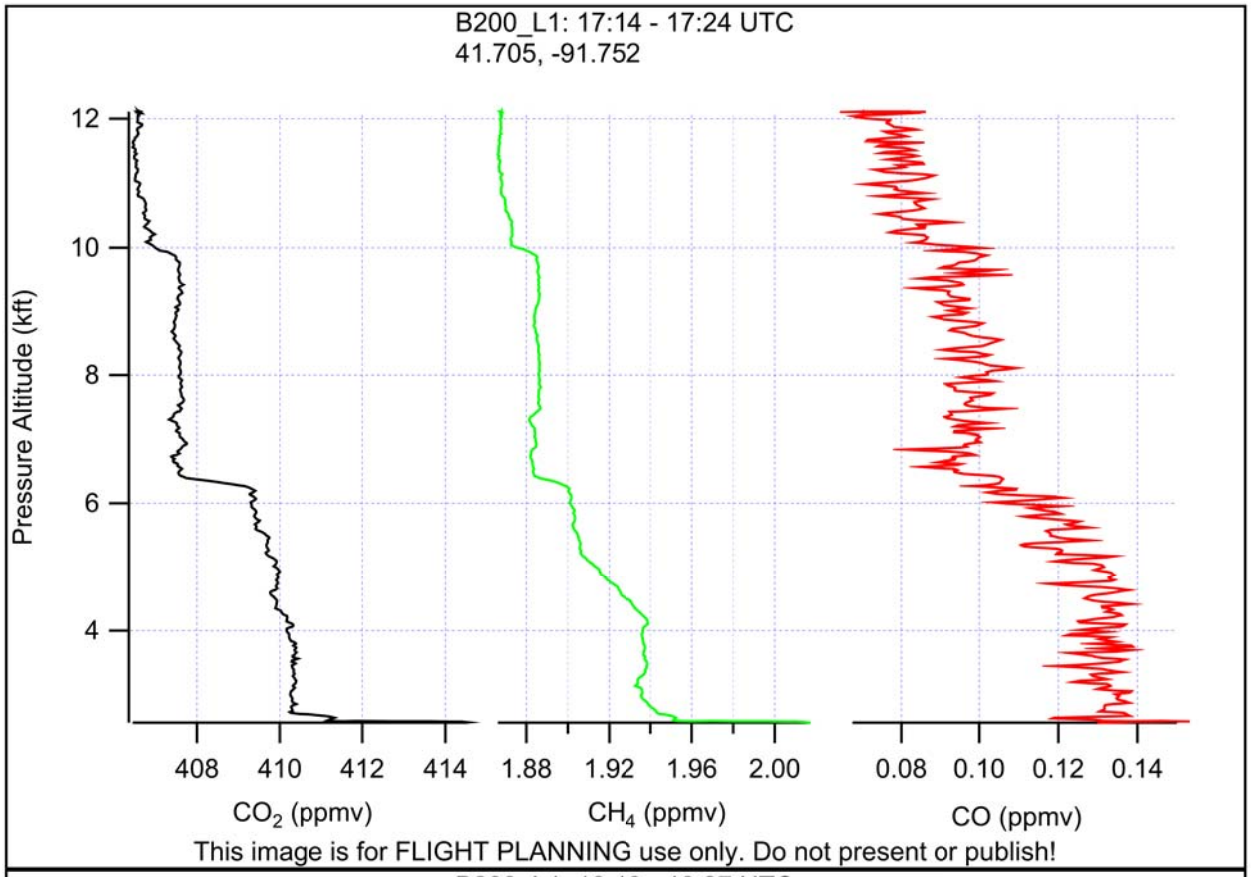

1.90
1.95
2.00
2.05
2.10
CH4 (ppm)
44.0
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-97
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

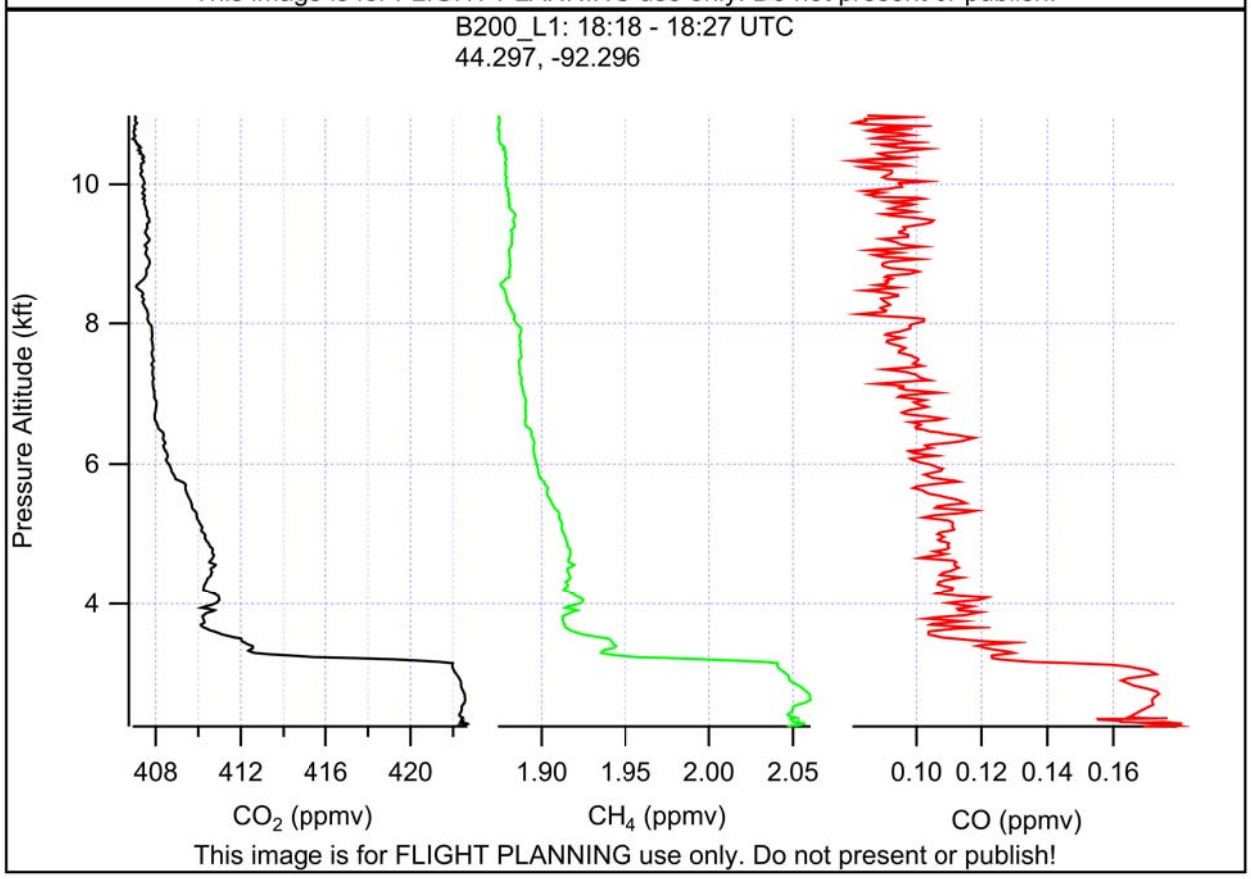

0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
44.0
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-97
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

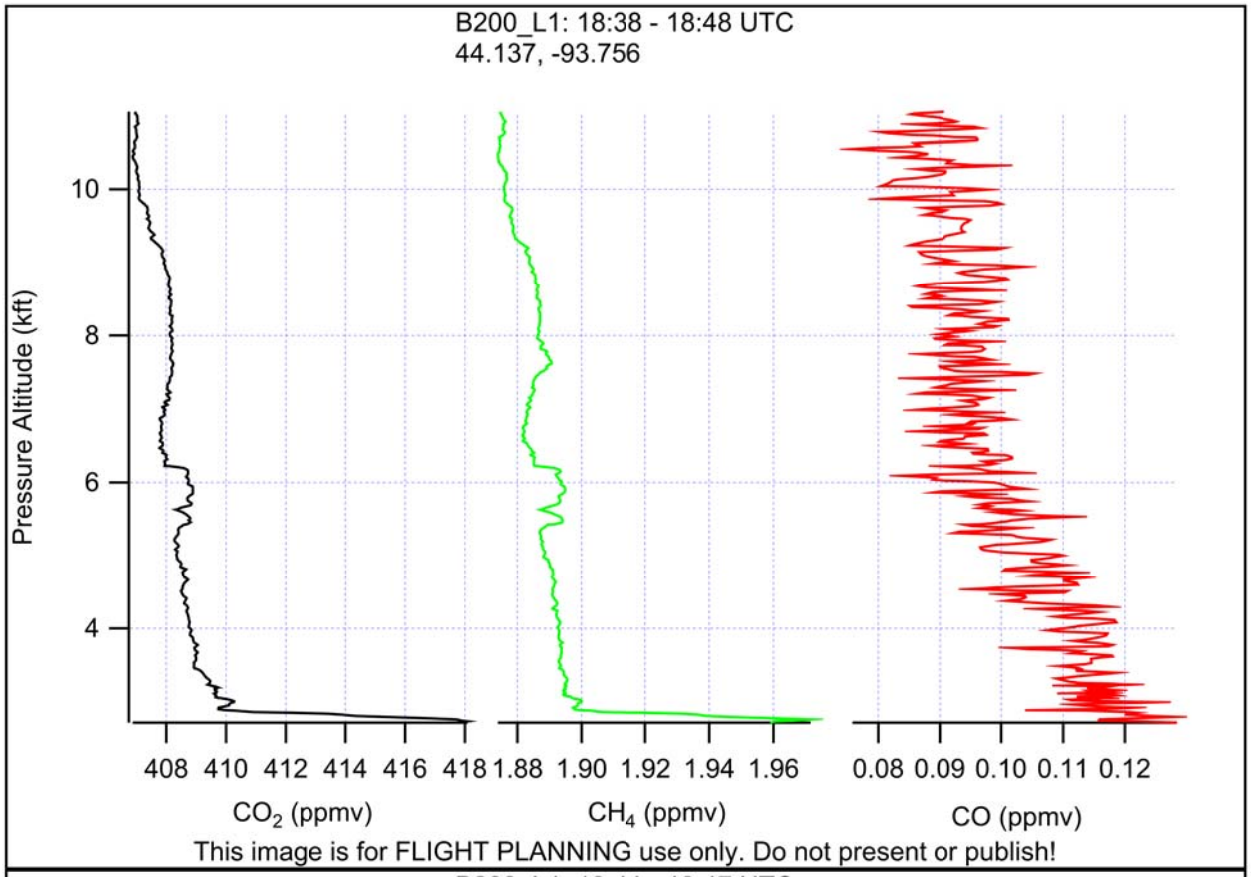

1
2
3
4
5
6
H2O_gkg (g/kg)
44.0
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-97
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

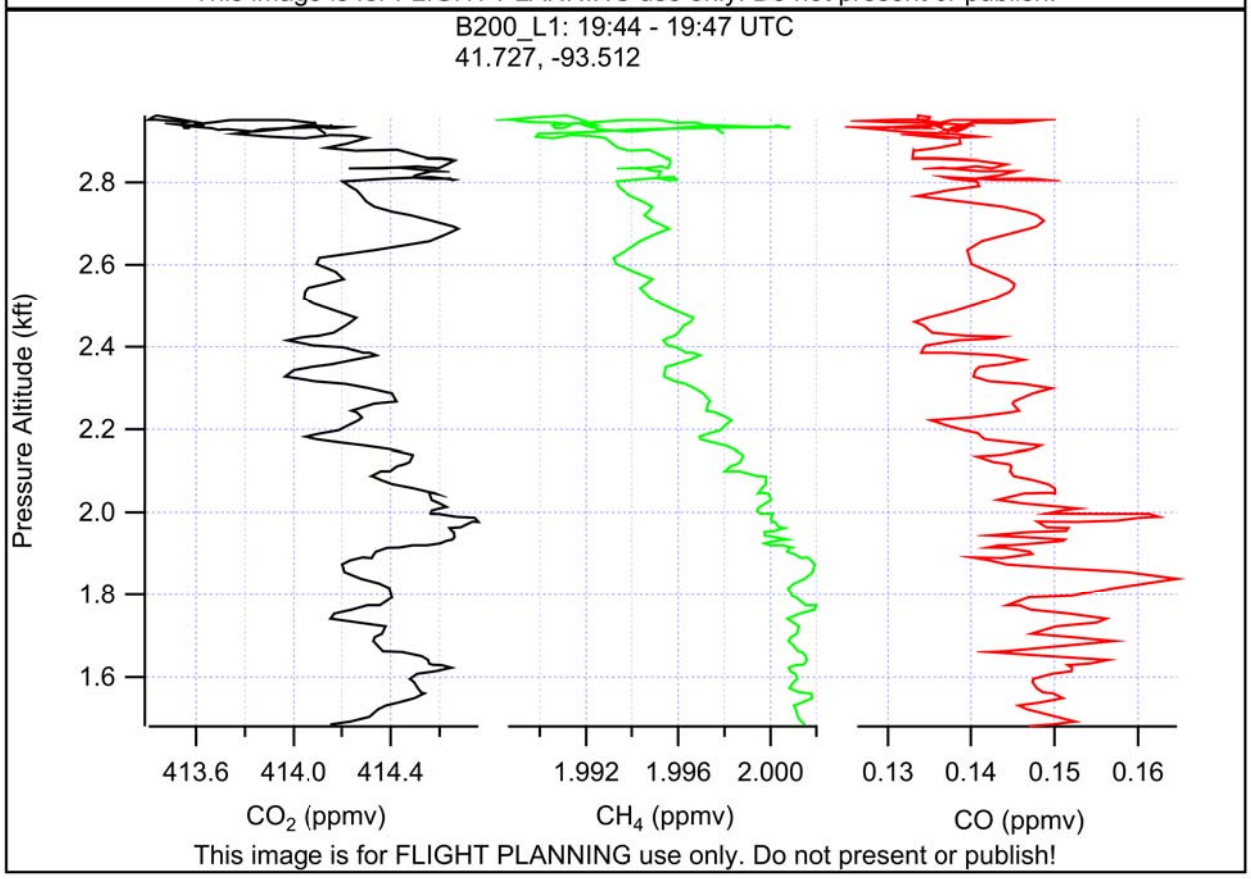

-30
-25
-20
-15
-10
-5
0
DP (°C)
44.0
43.5
43.0
42.5
42.0
41.5
41.0
Latitude (°)
-97
-96
-95
-94
-93
-92
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

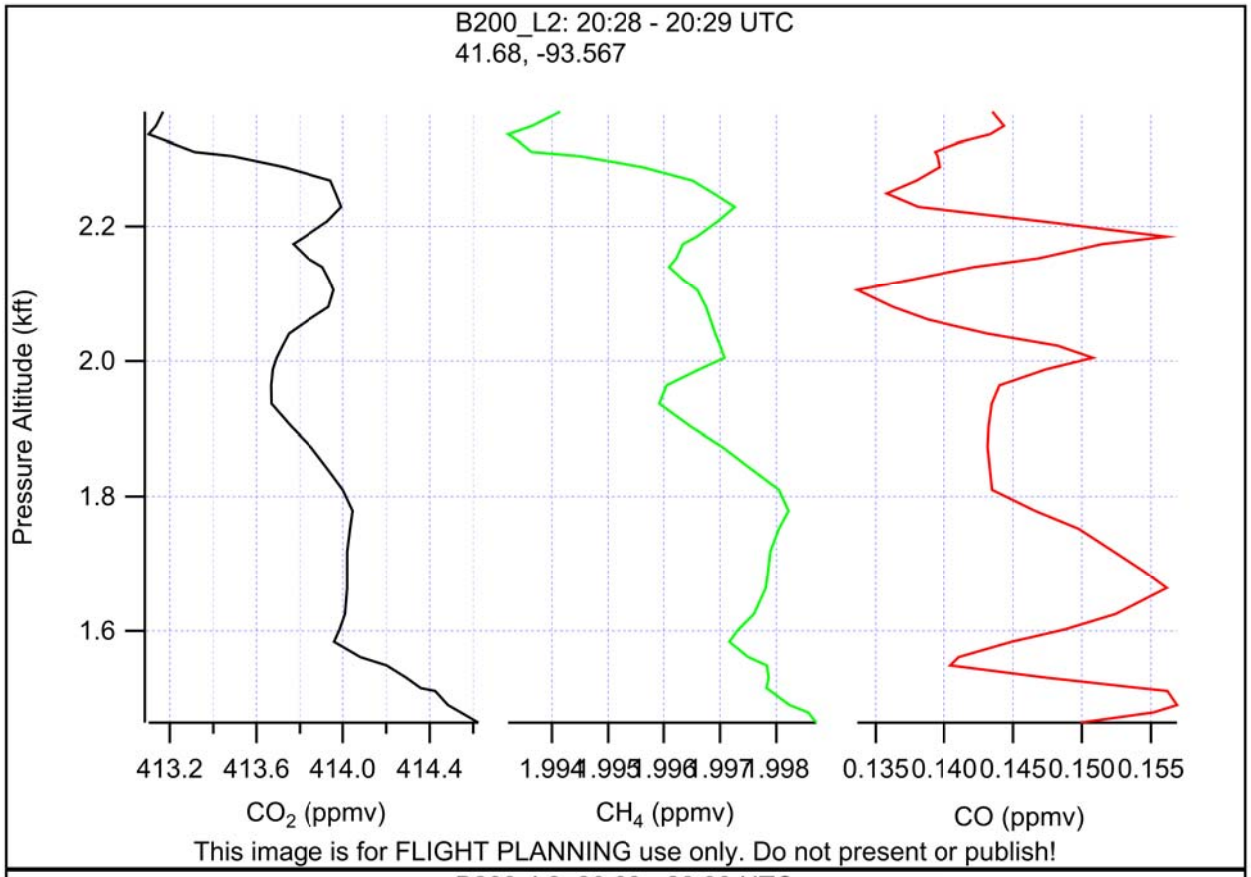

B200_L1: 16:19 - 16:28 UTC
40.808, -96.531
12
10
8
6
4
2
Pressure Altitude (kft)
408 410 412 414 416
CO2 (ppmv)
1.90 1.95 2.00
CH4 (ppmv)
0.08 0.10 0.12 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

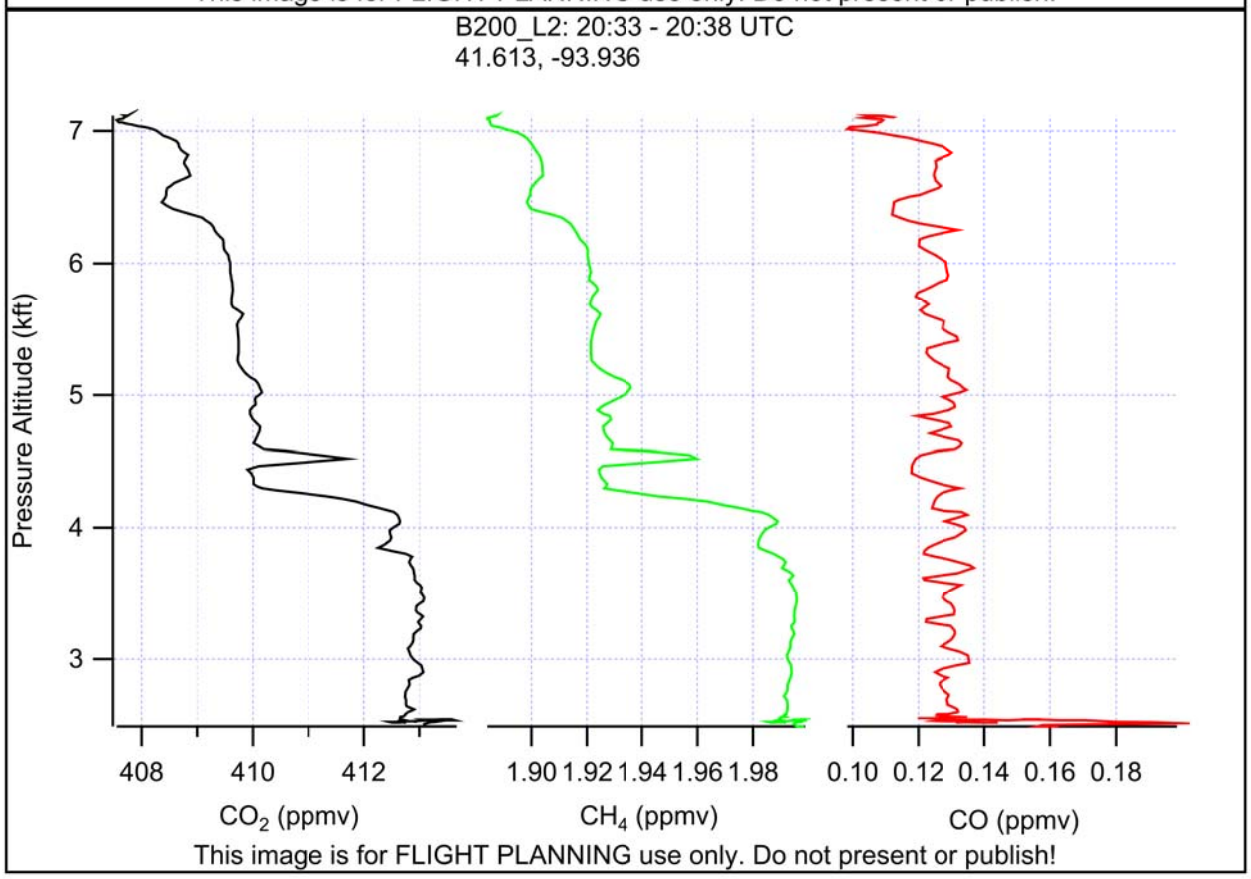

B200_L1: 17:14 - 17:24 UTC
41.705, -91.752
Pressure Altitude (kft)
12
10
8
6
4
408 410 412 414
CO2 (ppmv)
1.88 1.92 1.96 2.00
CH4 (ppmv)
0.08 0.10 0.12 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

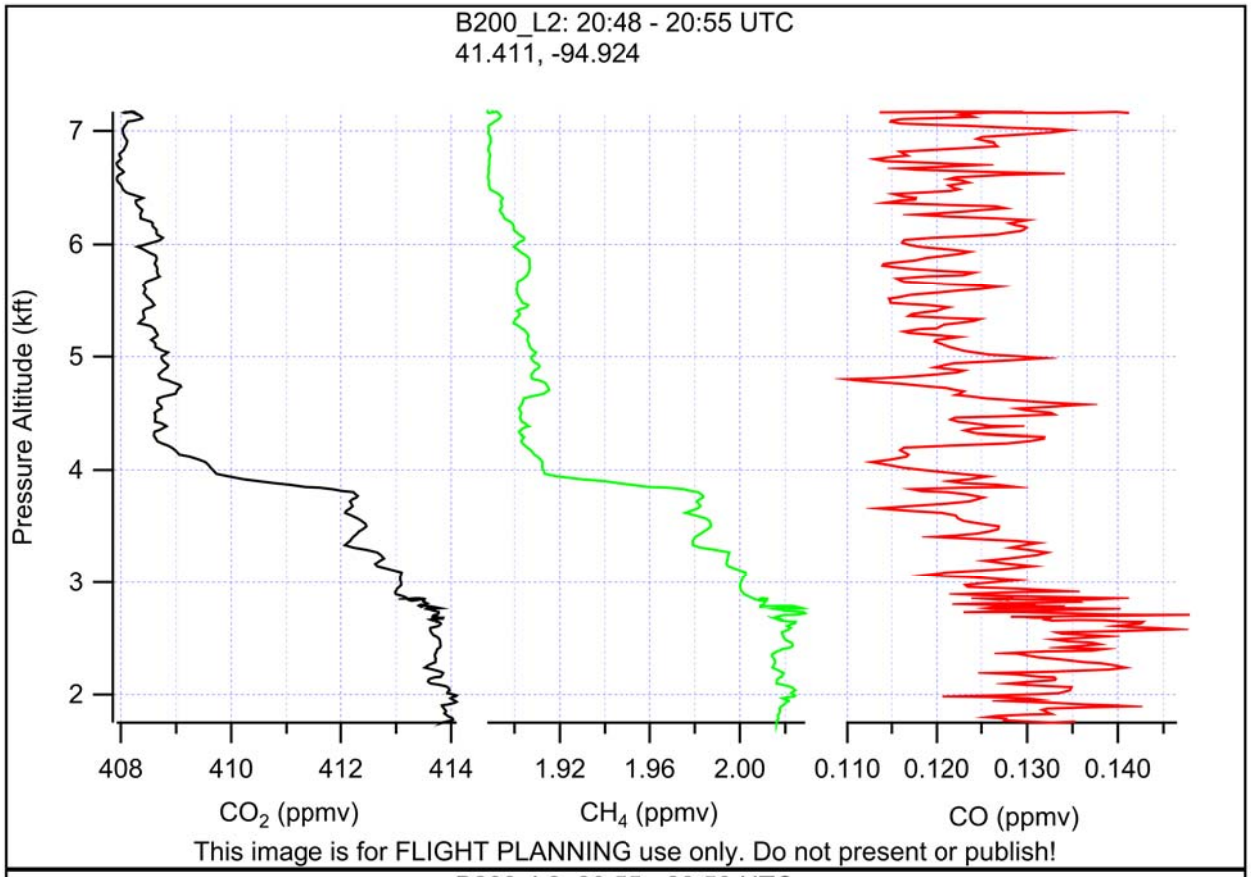

B200_L1: 18:18 - 18:27 UTC
44.297, -92.296
Pressure Altitude (kft)
10
8
6
4
408 412 416 420
CO2 (ppmv)
1.90 1.95 2.00 2.05
CH4 (ppmv)
0.10 0.12 0.14 0.16
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

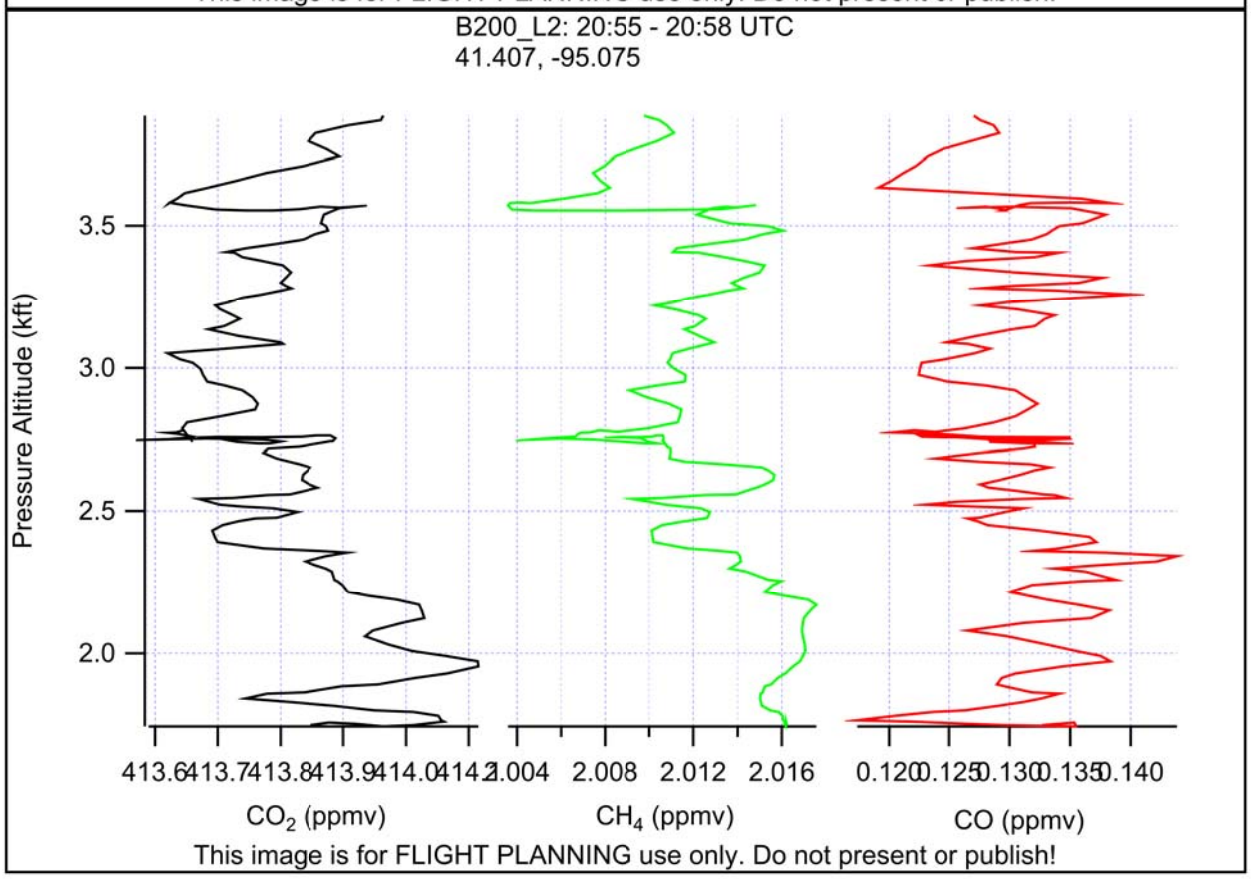

B200_L1: 18:38 - 18:48 UTC
44.137, -93.756
Pressure Altitude (kft)
10
8
6
4
408 410 412 414 416 418
CO2 (ppmv)
1.88 1.90 1.92 1.94 1.96
CH4 (ppmv)
0.08 0.09 0.10 0.11 0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

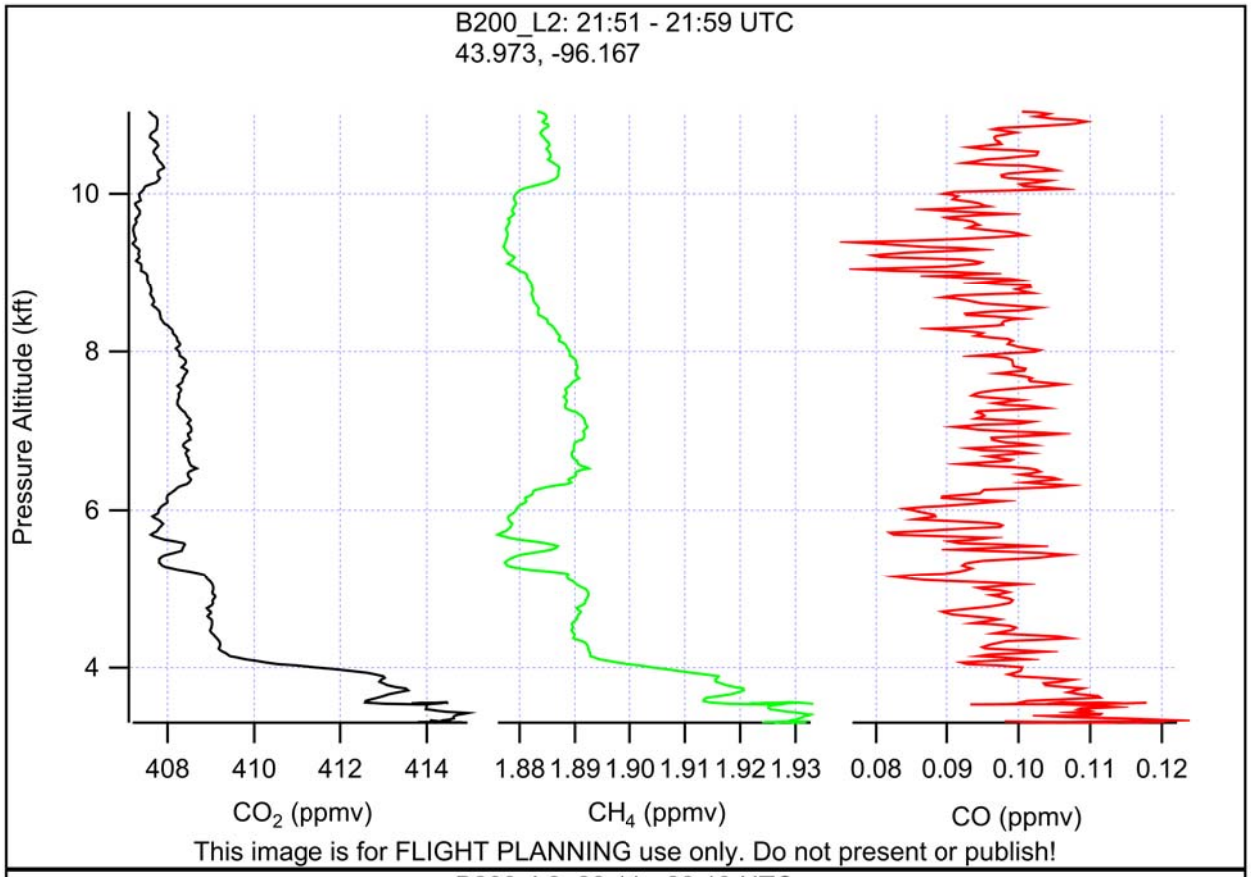

B200_L1: 19:44 - 19:47 UTC
41.727, -93.512
Pressure Altitude (kft)
2.8
2.6
2.4
2.2
2.0
1.8
1.6
413.6 414.0 414.4
CO2 (ppmv)
1.992 1.996 2.000
CH4 (ppmv)
0.13 0.14 0.15 0.16
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

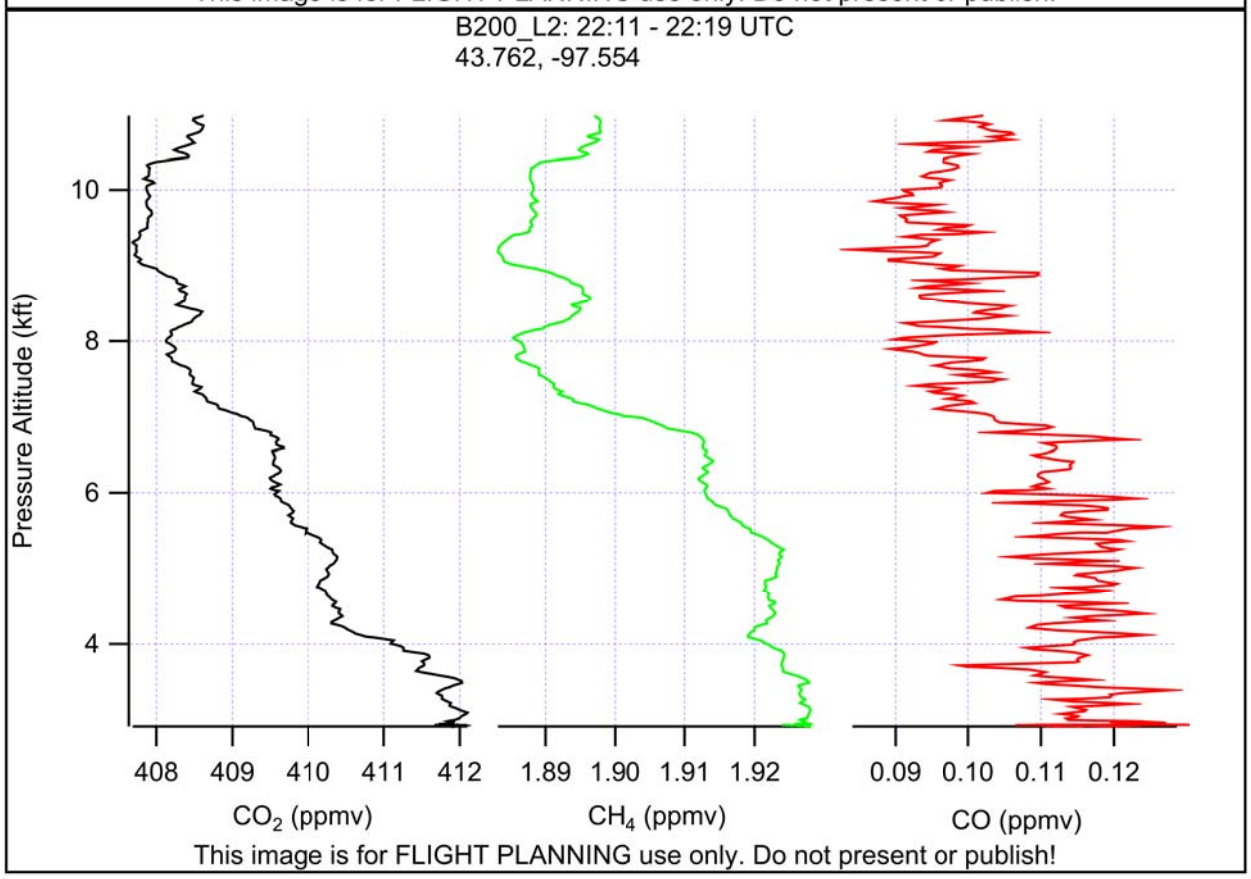

B200_L2: 20:28 - 20:29 UTC
41.68, -93.567
Pressure Altitude (kft)
2.2
2.0
1.8
1.6
413.2 413.6 414.0 414.4
CO2 (ppmv)
1.994 1.995 1.996 1.997 1.998
CH4 (ppmv)
0.135 0.140 0.145 0.150 0.155
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

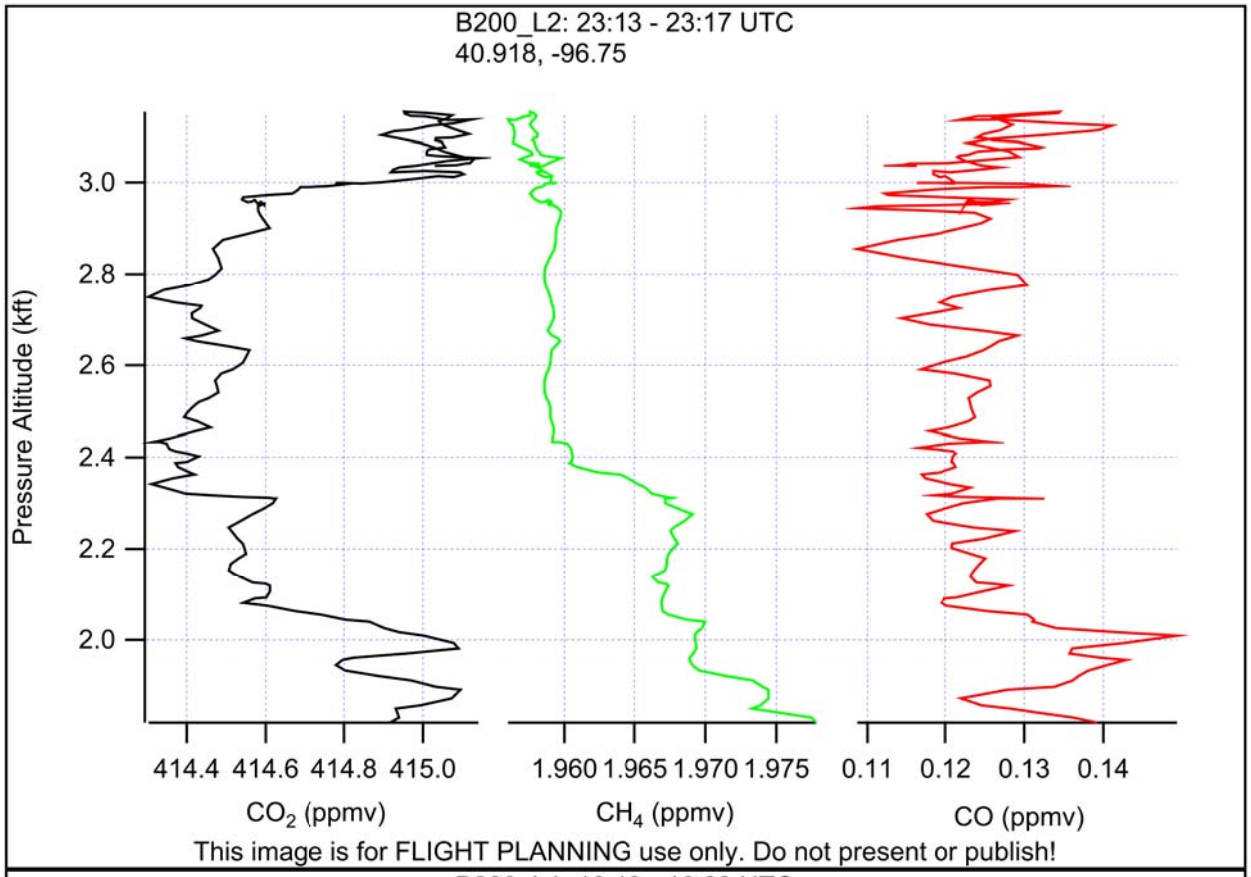

B200_L2: 20:33 - 20:38 UTC
41.613, -93.936
Pressure Altitude (kft)
7
6
5
4
3
408 410 412
CO2 (ppmv)
1.90 1.92 1.94 1.96 1.98
CH4 (ppmv)
0.10 0.12 0.14 0.16 0.18
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

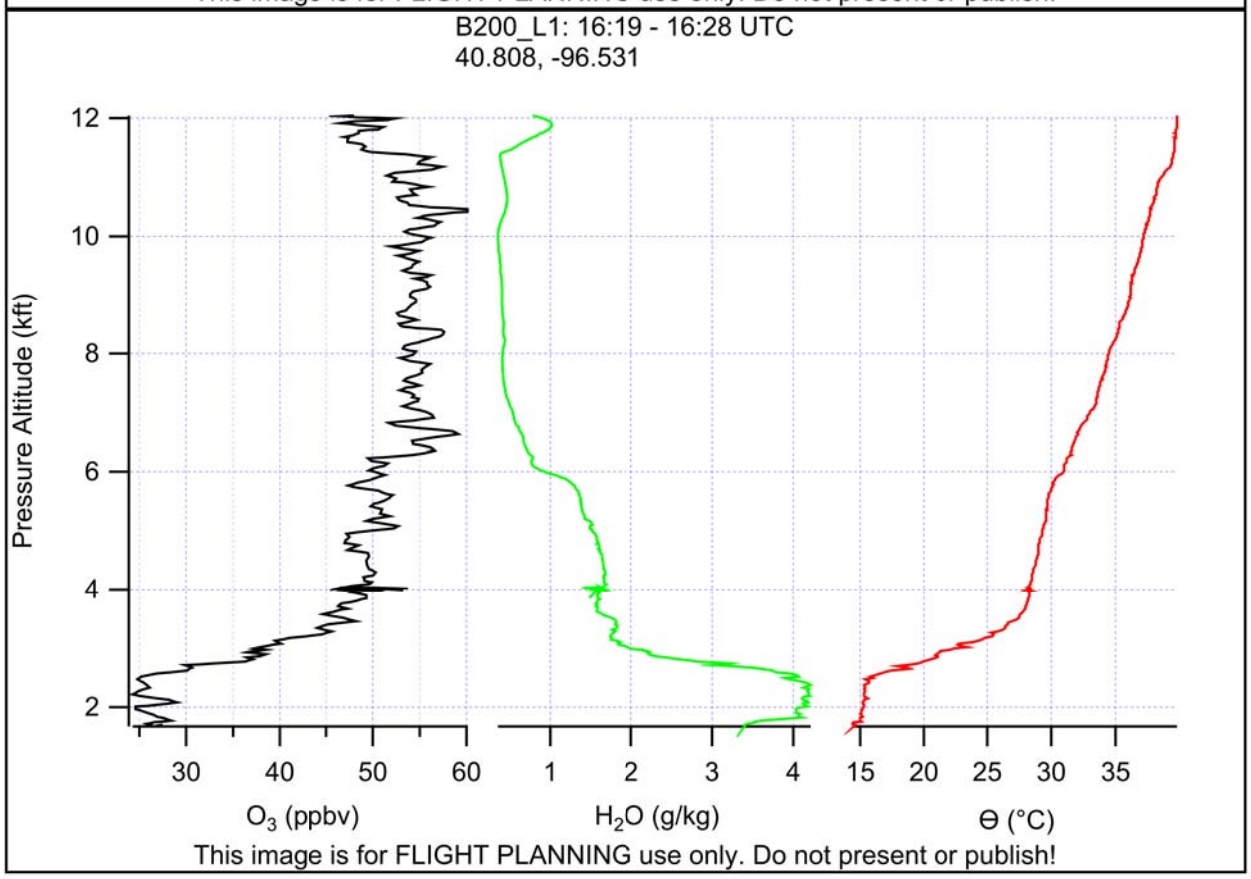

B200_L2: 20:48 - 20:55 UTC
41.411, -94.924
Pressure Altitude (kft)
7
6
5
4
3
2
408
410
412
414
CO_2 (ppmv)
1.92
1.96
2.00
CH_4 (ppmv)
0.110
0.120
0.130
0.140
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

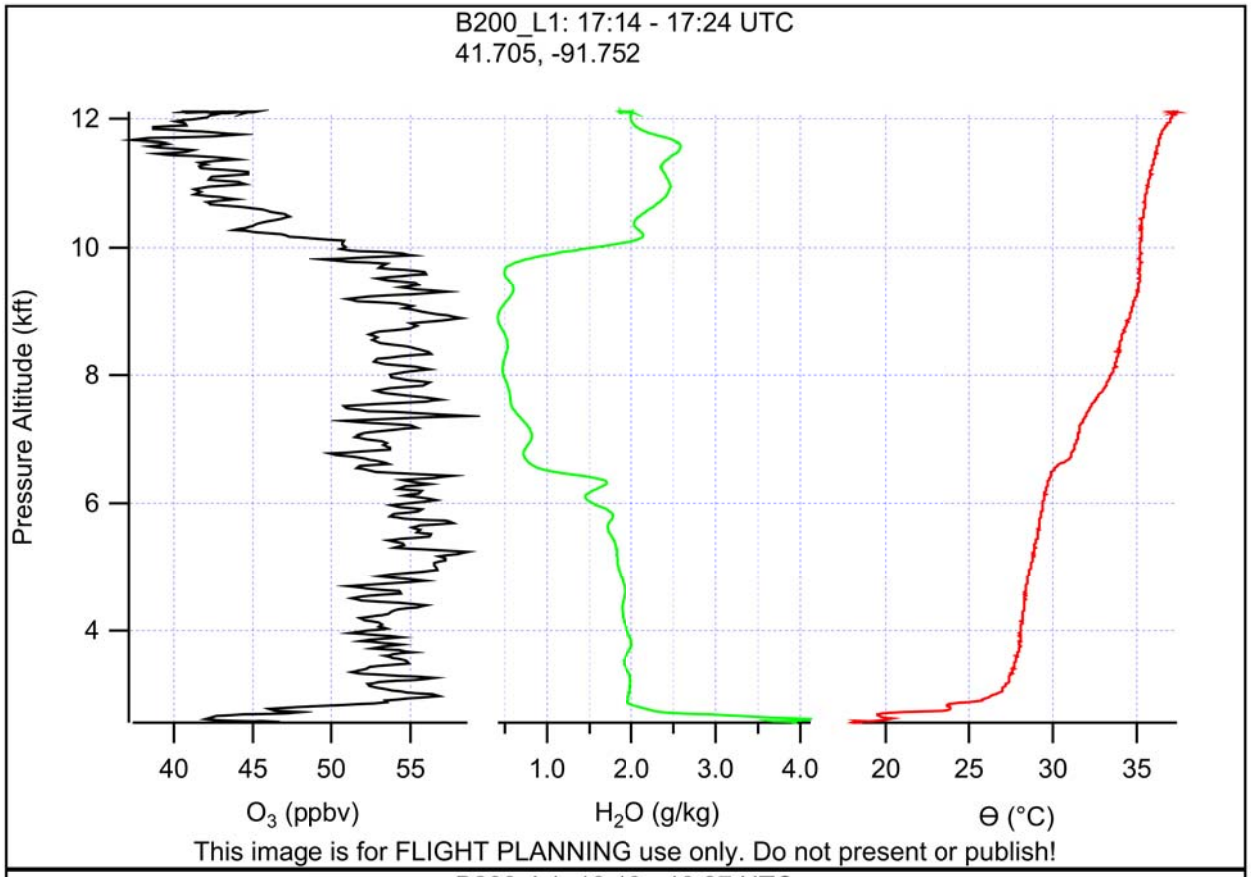

B200_L2: 20:55 - 20:58 UTC
41.407, -95.075
Pressure Altitude (kft)
3.5
3.0
2.5
2.0
413.6
413.7
413.8
413.9
414.0
414.2
CO_2 (ppmv)
2.004
2.008
2.012
2.016
CH_4 (ppmv)
0.120
0.125
0.130
0.135
0.140
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

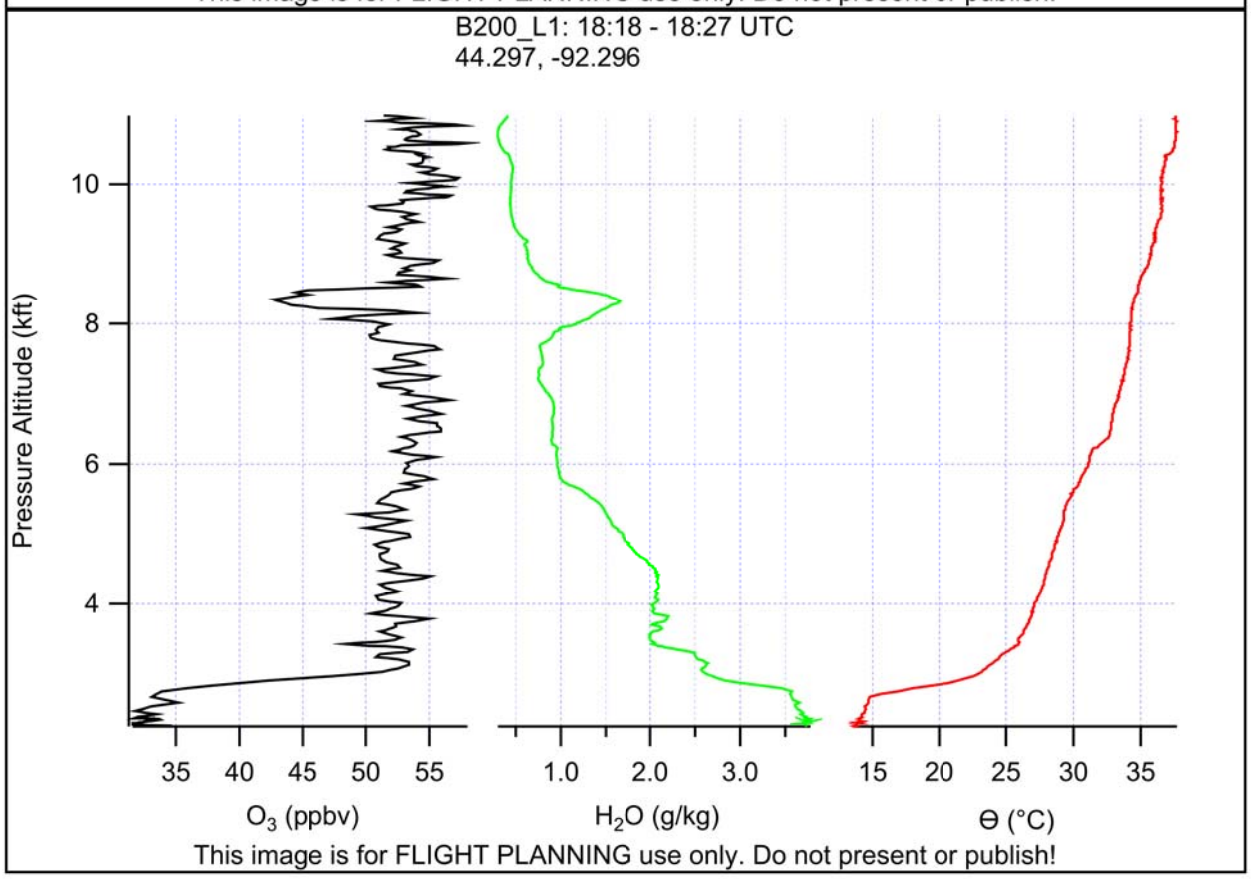

B200_L2: 21:51 - 21:59 UTC
43.973, -96.167
Pressure Altitude (kft)
10
8
6
4
408 410 412 414
CO2 (ppmv)
1.88 1.89 1.90 1.91 1.92 1.93
CH4 (ppmv)
0.08 0.09 0.10 0.11 0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

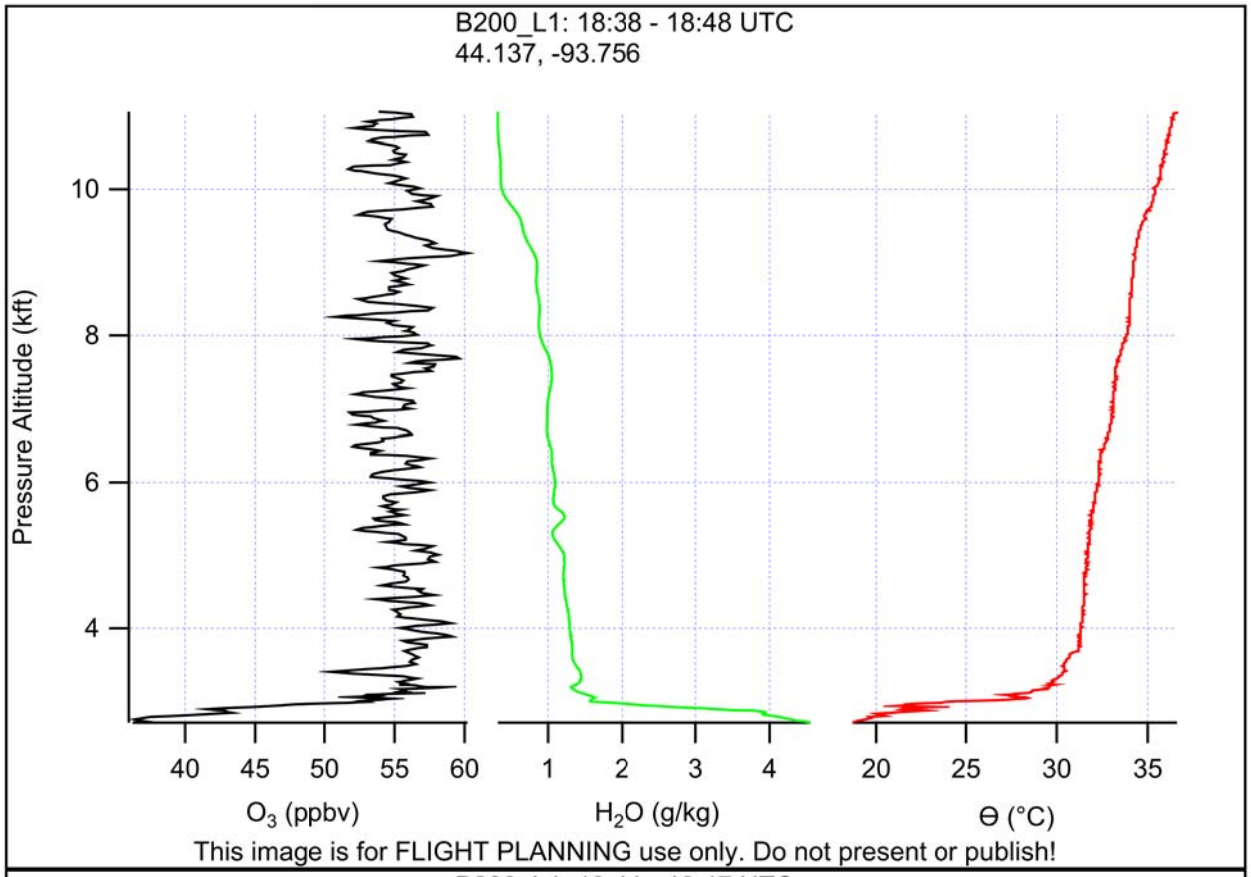

B200_L2: 22:11 - 22:19 UTC
43.762, -97.554
Pressure Altitude (kft)
10
8
6
4
408 409 410 411 412
CO2 (ppmv)
1.89 1.90 1.91 1.92
CH4 (ppmv)
0.09 0.10 0.11 0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

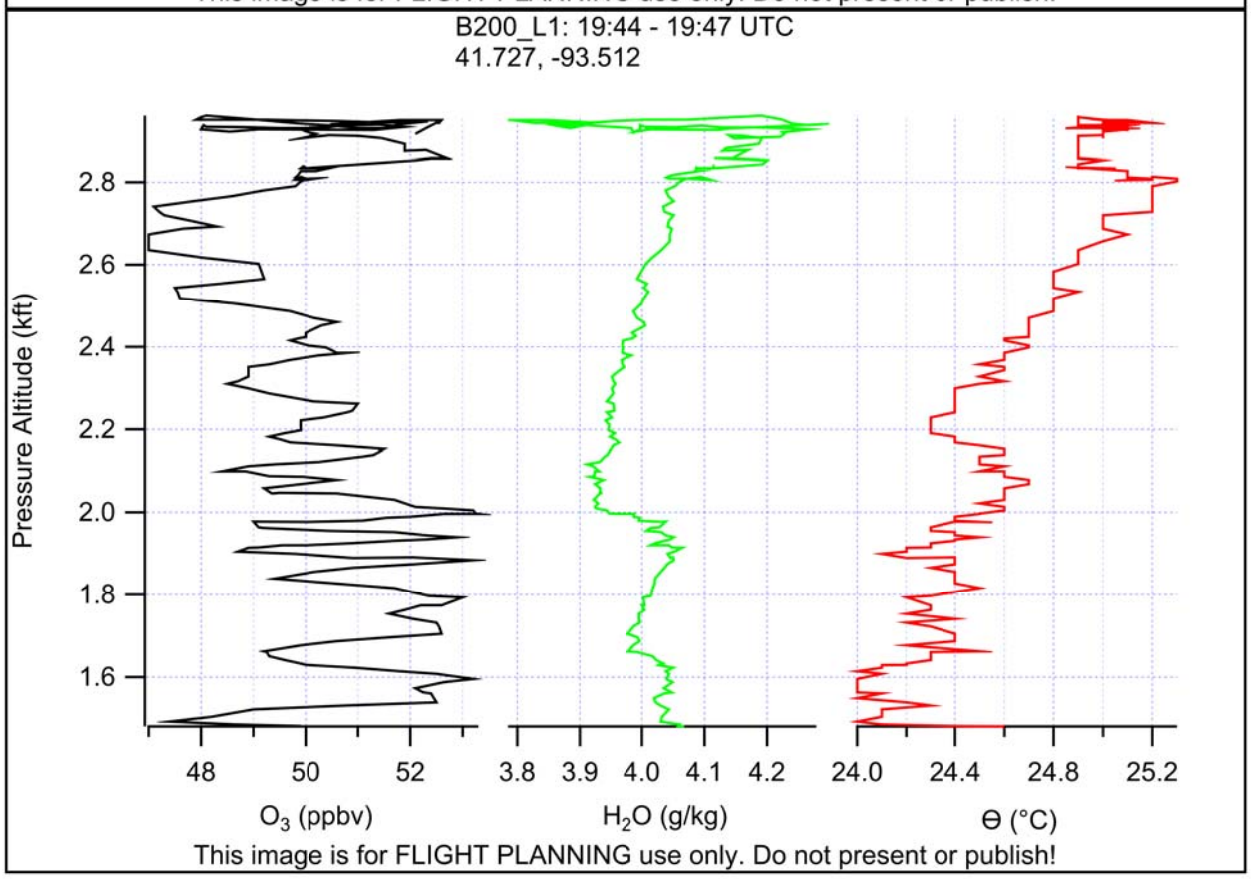

B200_L2: 23:13 - 23:17 UTC
40.918, -96.75
Pressure Altitude (kft)
3.0
2.8
2.6
2.4
2.2
2.0
414.4 414.6 414.8 415.0
CO2 (ppmv)
1.960 1.965 1.970 1.975
CH4 (ppmv)
0.11 0.12 0.13 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

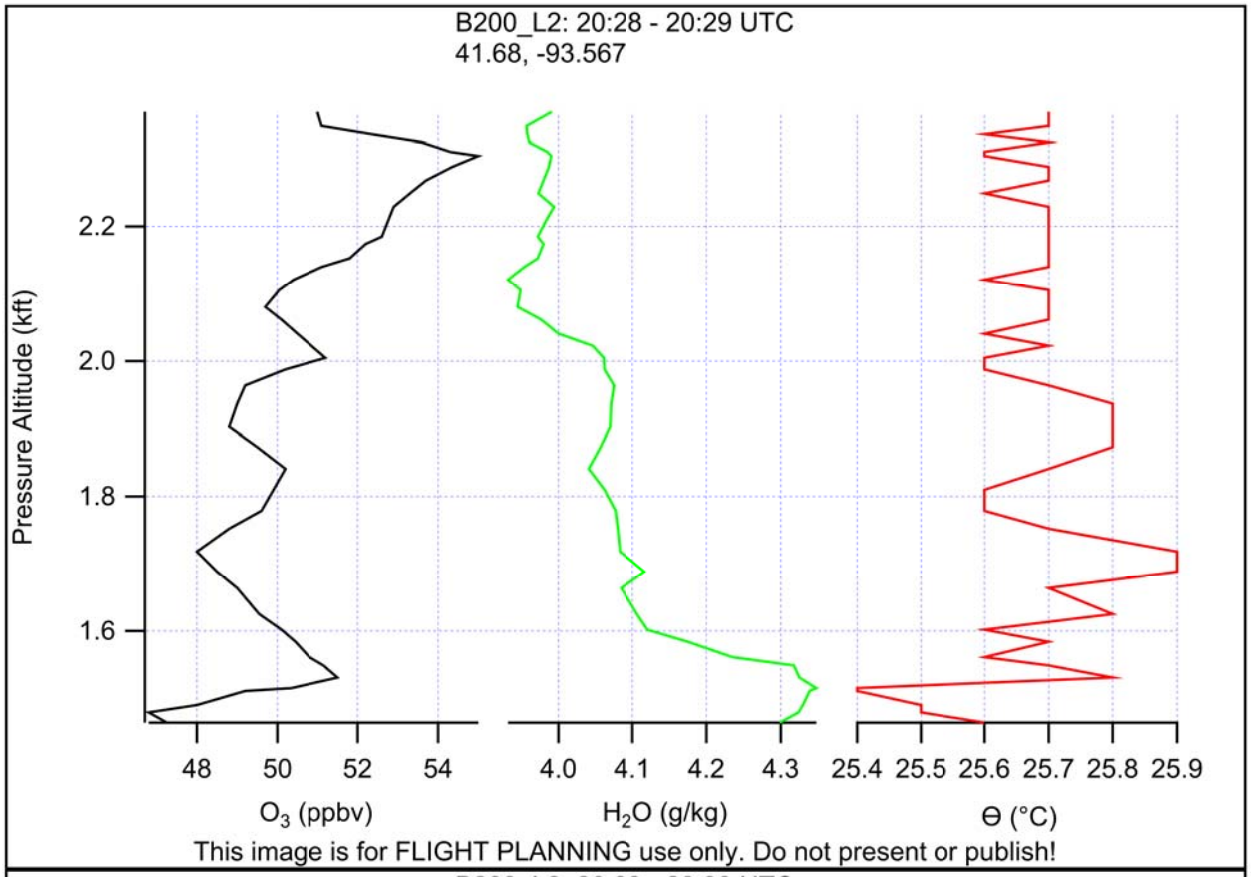

B200_L1: 16:19 - 16:28 UTC
40.808, -96.531
Pressure Altitude (kft)
12
10
8
6
4
2
30 40 50 60
O3 (ppbv)
1 2 3 4
H2O (g/kg)
15 20 25 30 35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

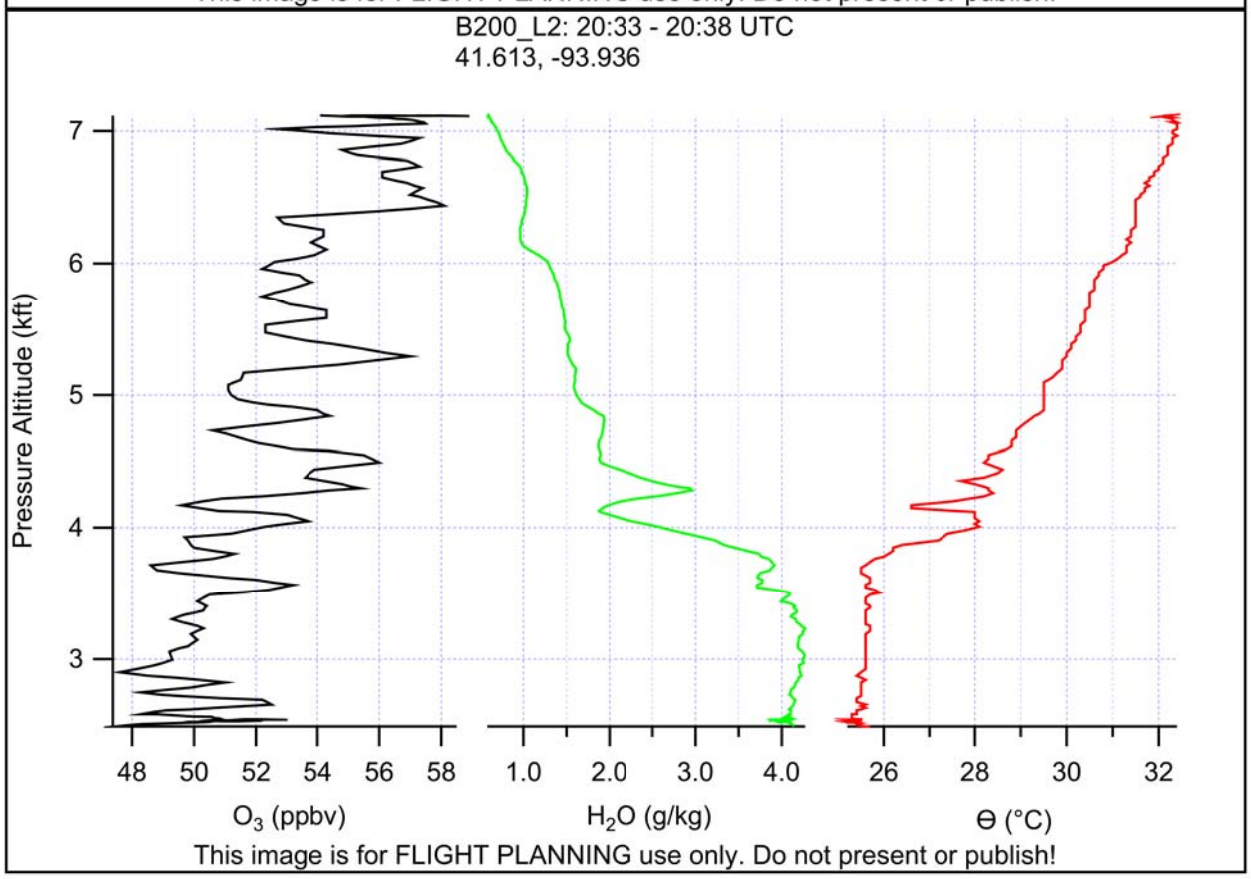

B200_L1: 17:14 - 17:24 UTC
41.705, -91.752
Pressure Altitude (kft)
12
10
8
6
4
40
45
50
55
O_3 (ppbv)
1.0
2.0
3.0
4.0
H_2O (g/kg)
20
25
30
35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

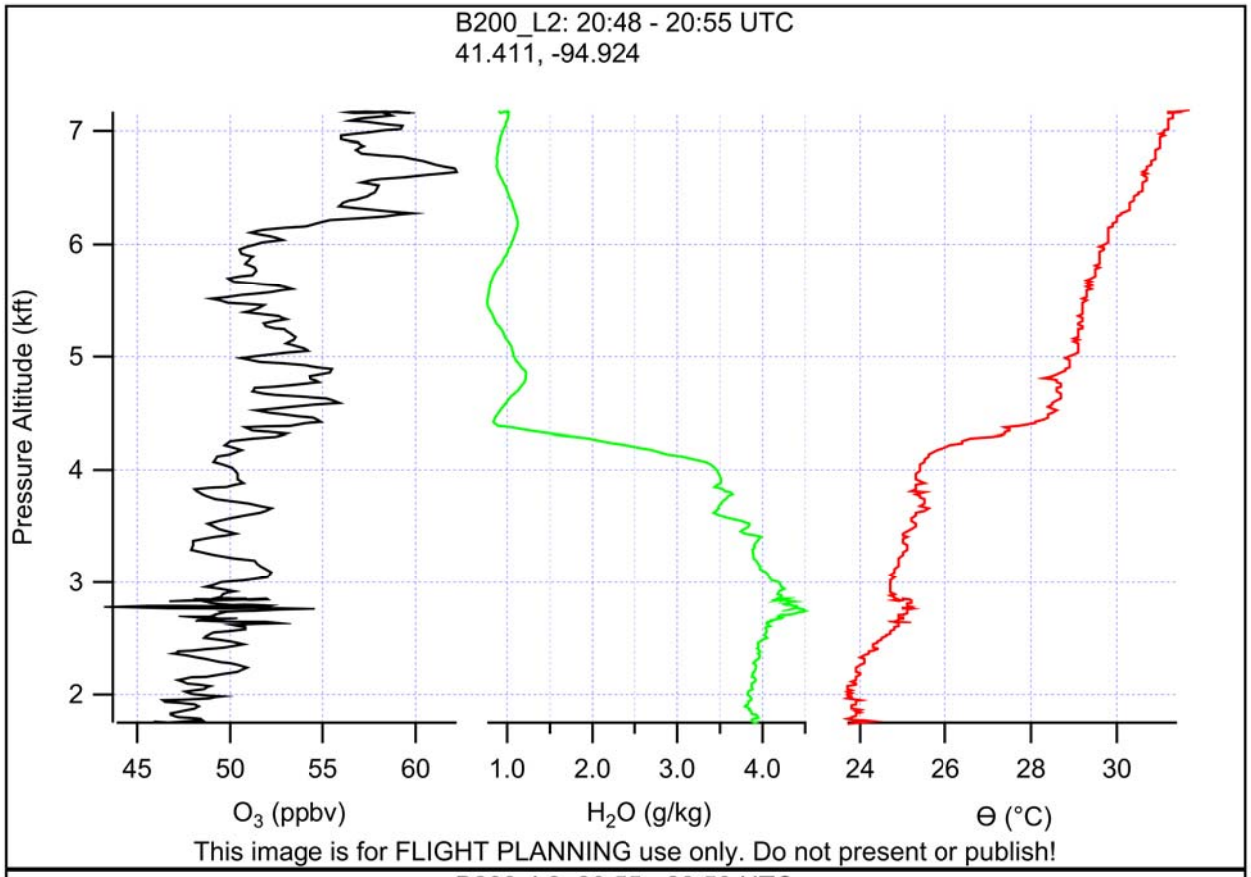

B200_L1: 18:18 - 18:27 UTC
44.297, -92.296
Pressure Altitude (kft)
10
8
6
4
35
40
45
50
55
O_3 (ppbv)
1.0
2.0
3.0
H_2O (g/kg)
15
20
25
30
35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

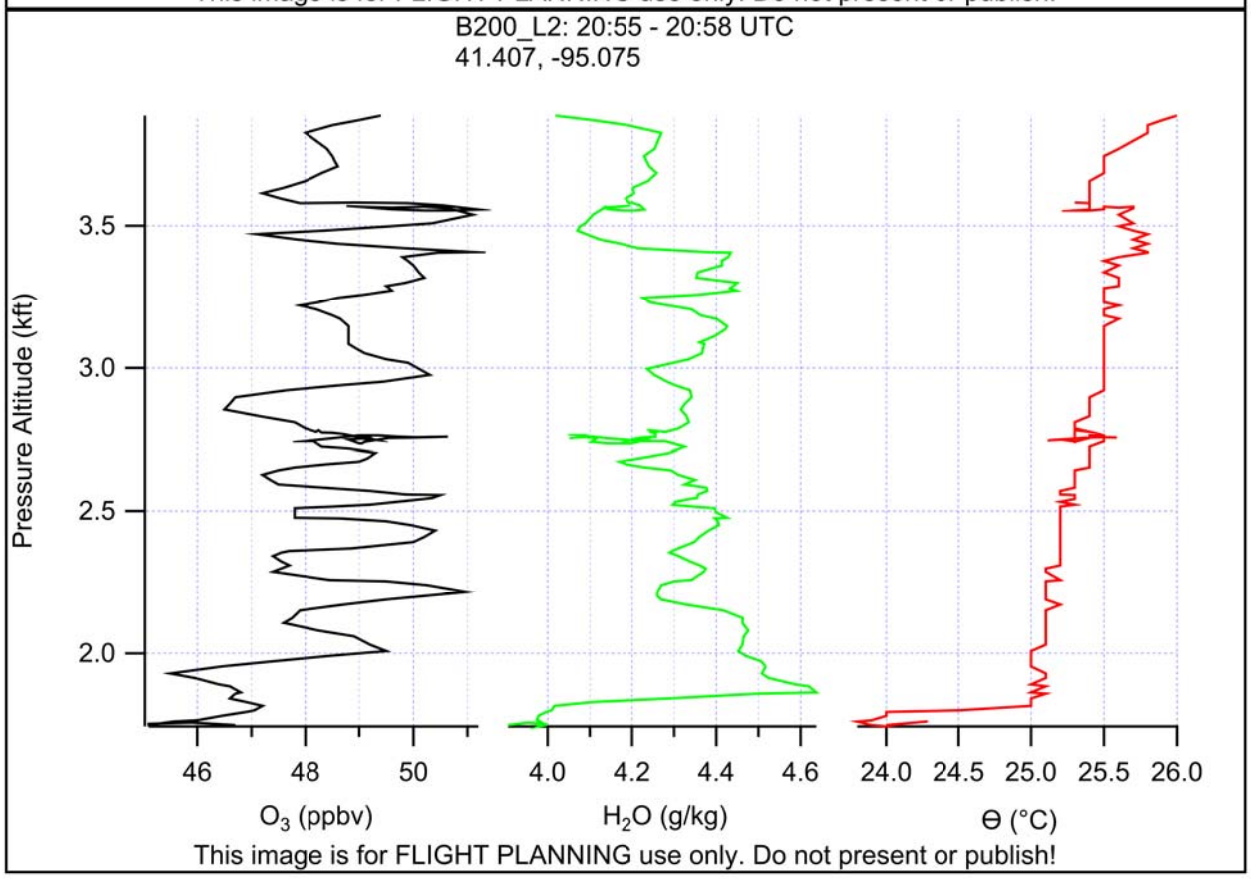

B200_L1: 18:38 - 18:48 UTC
44.137, -93.756
Pressure Altitude (kft)
10
8
6
4
40 45 50 55 60
O3 (ppbv)
1 2 3 4
H2O (g/kg)
20 25 30 35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

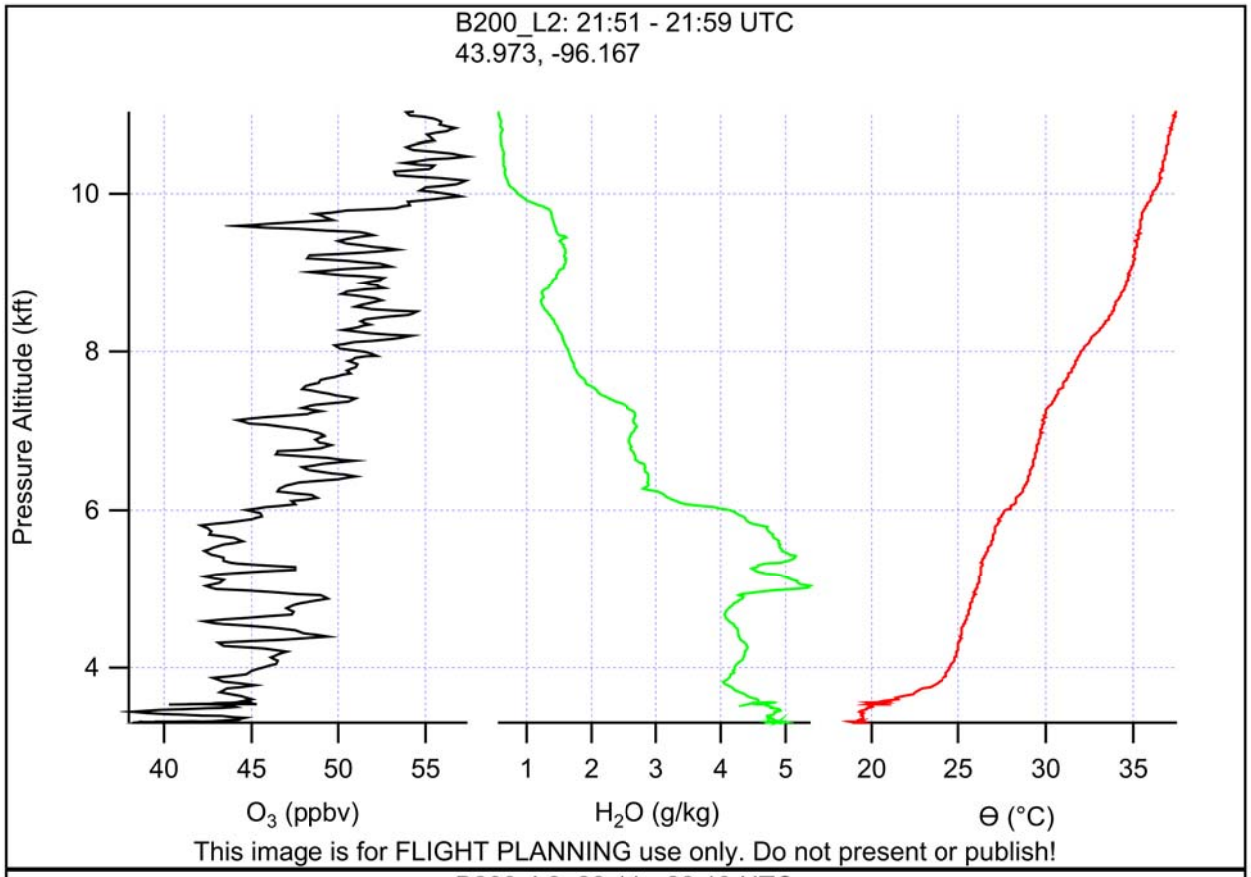

B200_L1: 19:44 - 19:47 UTC
41.727, -93.512
Pressure Altitude (kft)
2.8
2.6
2.4
2.2
2.0
1.8
1.6
48 50 52
O3 (ppbv)
3.8 3.9 4.0 4.1 4.2
H2O (g/kg)
24.0 24.4 24.8 25.2
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

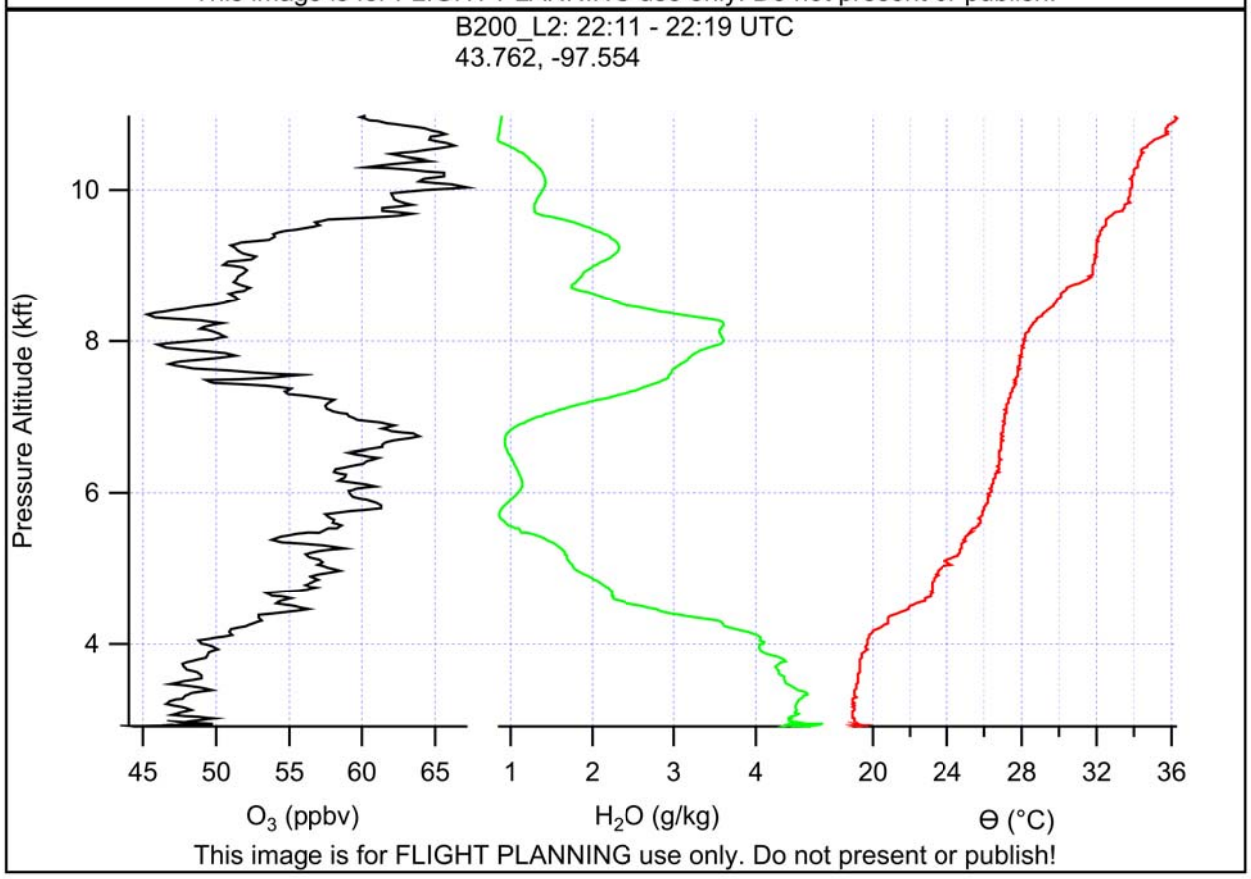

B200_L2: 20:28 - 20:29 UTC
41.68, -93.567
Pressure Altitude (kft)
2.2
2.0
1.8
1.6
48 50 52 54
O3 (ppbv)
4.0 4.1 4.2 4.3
H2O (g/kg)
25.4 25.5 25.6 25.7 25.8 25.9
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

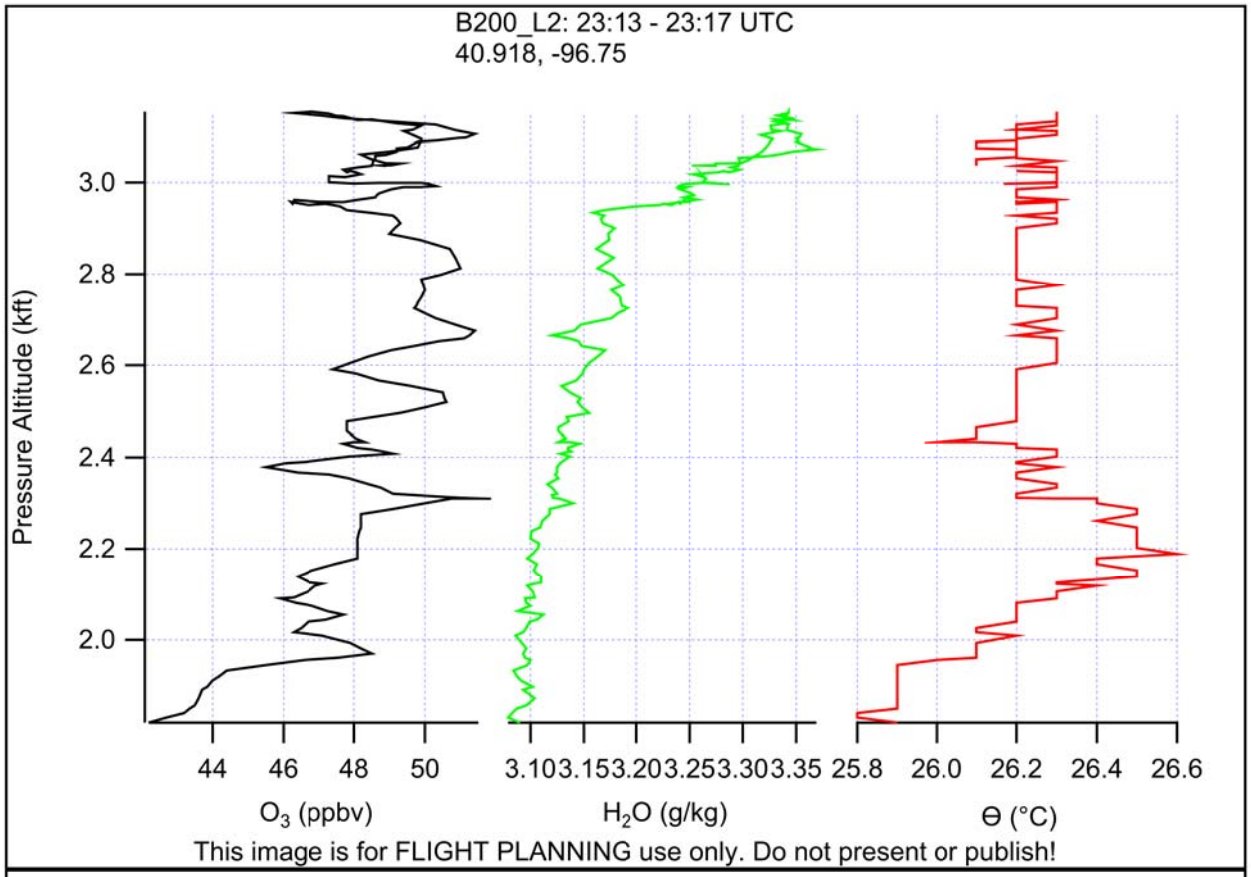

B200_L2: 20:33 - 20:38 UTC
41.613, -93.936
Pressure Altitude (kft)
7
6
5
4
3
48 50 52 54 56 58
O3 (ppbv)
1.0 2.0 3.0 4.0
H2O (g/kg)
26 28 30 32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 20:48 - 20:55 UTC
41.411, -94.924
Pressure Altitude (kft)
7
6
5
4
3
2
45
50
55
60
O3 (ppbv)
1.0
2.0
3.0
4.0
H2O (g/kg)
24
26
28
30
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 20:55 - 20:58 UTC
41.407, -95.075
Pressure Altitude (kft)
3.5
3.0
2.5
2.0
46
48
50
O3 (ppbv)
4.0
4.2
4.4
4.6
H2O (g/kg)
24.0
24.5
25.0
25.5
26.0
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 21:51 - 21:59 UTC
43.973, -96.167
Pressure Altitude (kft)
10
8
6
4
40
45
50
55
O3 (ppbv)
1
2
3
4
5
H2O (g/kg)
20
25
30
35
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 22:11 - 22:19 UTC
43.762, -97.554
Pressure Altitude (kft)
10
8
6
4
45
50
55
60
65
O3 (ppbv)
1
2
3
4
H2O (g/kg)
20
24
28
32
36
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 23:13 - 23:17 UTC
40.918, -96.75
Pressure Altitude (kft)
3.0
2.8
2.6
2.4
2.2
2.0
44
46
48
50
O_3 (ppbv)
3.10
3.15
3.20
3.25
3.30
3.35
H_2O (g/kg)
25.8
26.0
26.2
26.4
26.6
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!