

Calibration of column-averaged CH₄ over European TCCON FTS sites with airborne in-situ measurements

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Supplementary Material

1 Bialystok OF1a: 30 Sep 2009, 09:39 UTC

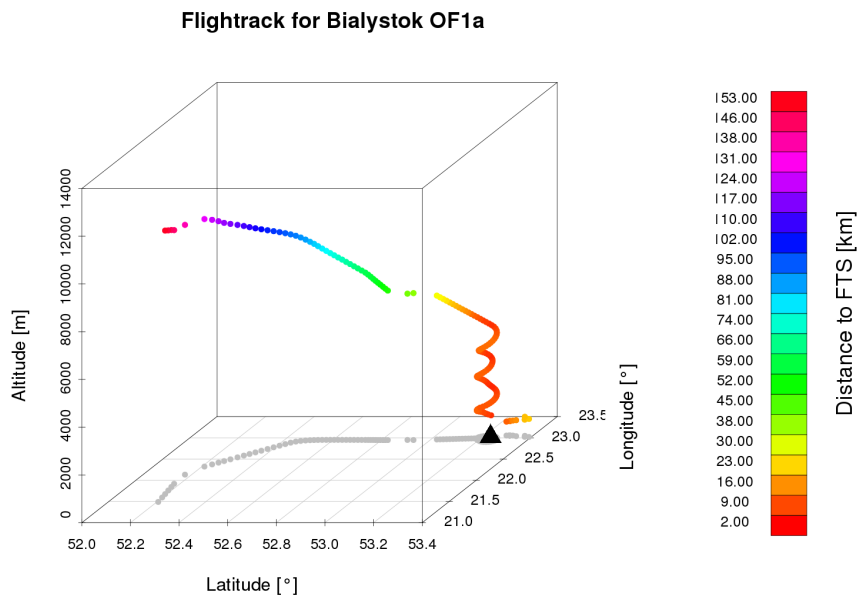


Figure 1: Bialystok overflight OF1a: flight track

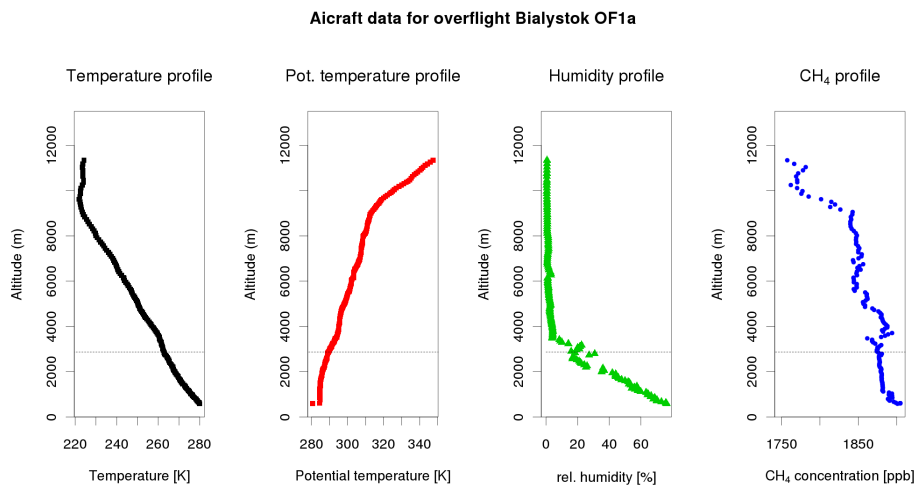


Figure 2: Bialystok overflight OF1a: aircraft in-situ measurements

2 Bialystok OF1b: 30 Sep 2009, 10:04 UTC

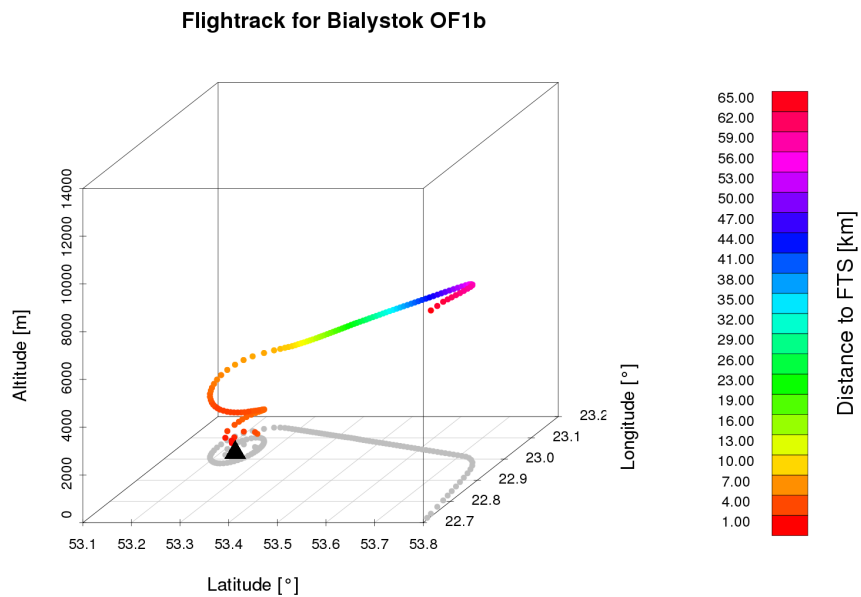


Figure 3: Bialystok overflight OF1b: flight track

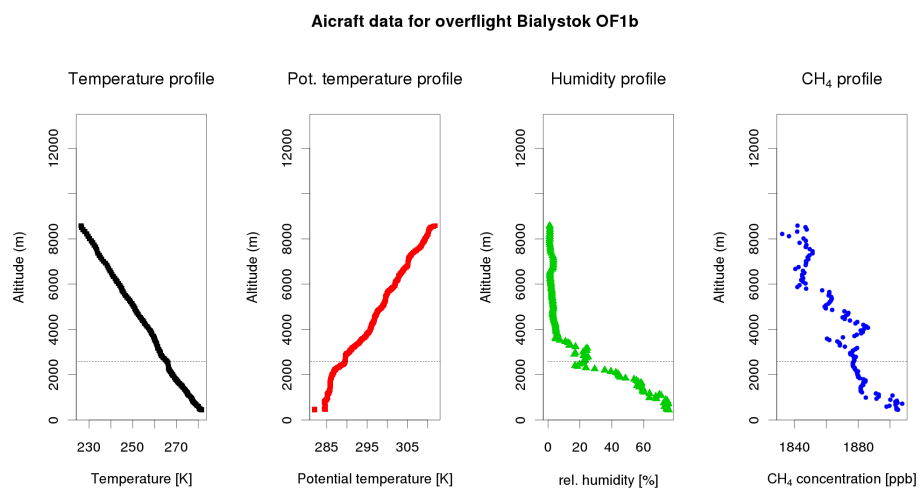


Figure 4: Bialystok overflight OF1b: aircraft in-situ measurements

3 Bialystok OF2a: 30 Sep 2009, 13:48 UTC

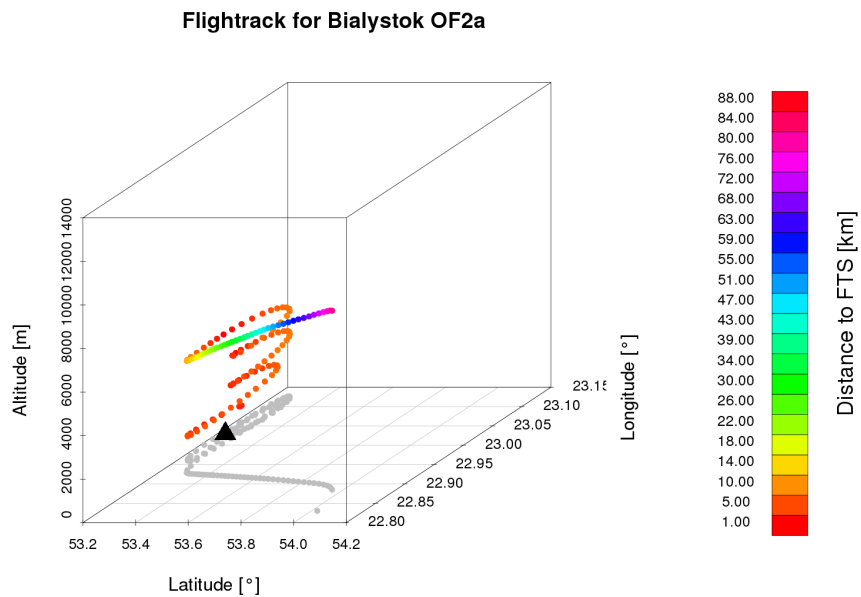


Figure 5: Bialystok overflight OF2a: flight track

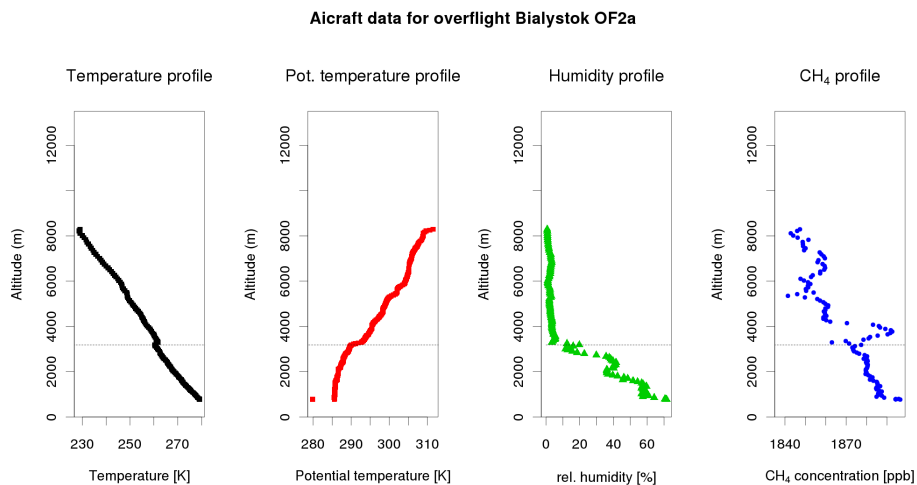


Figure 6: Bialystok overflight OF2a: aircraft in-situ measurements

4 Bialystok OF2b: 30 Sep 2009, 14:10 UTC

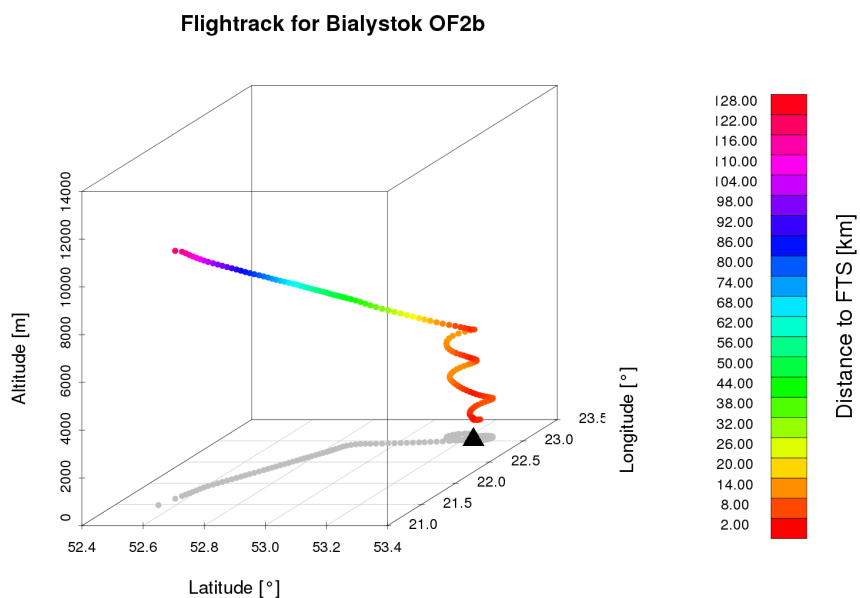


Figure 7: Bialystok overflight OF2b: flight track

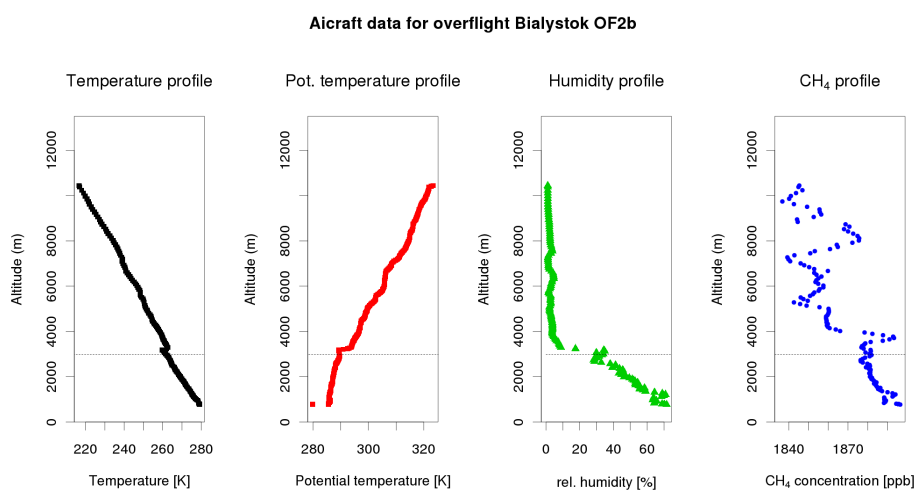


Figure 8: Bialystok overflight OF2b: aircraft in-situ measurements

5 Orléans OF1a: 2 Oct 2009, 06:36 UTC

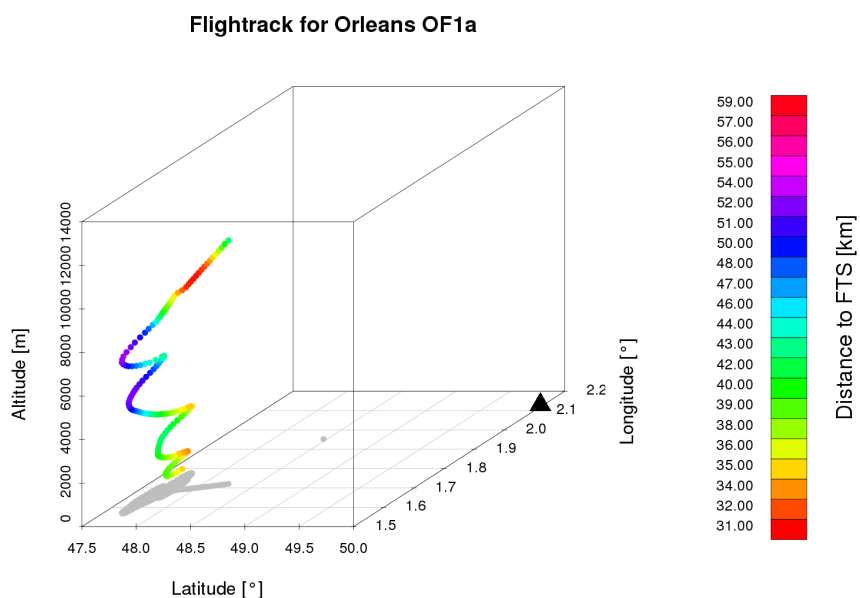


Figure 9: Orléans overflight OF1a: flight track

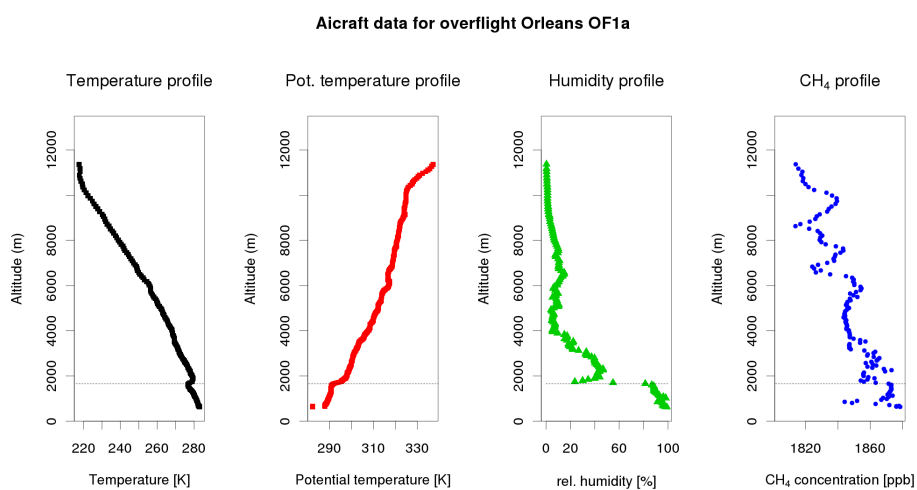


Figure 10: Orléans overflight OF1a: aircraft in-situ measurements

6 Orléans OF1b: 2 Oct 2009, 07:02 UTC

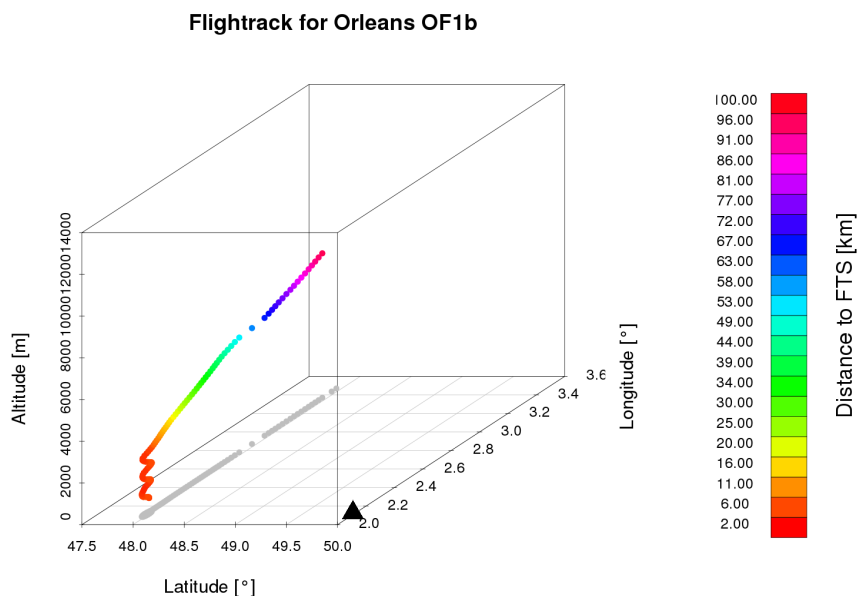


Figure 11: Orléans overflight OF1b: flight track

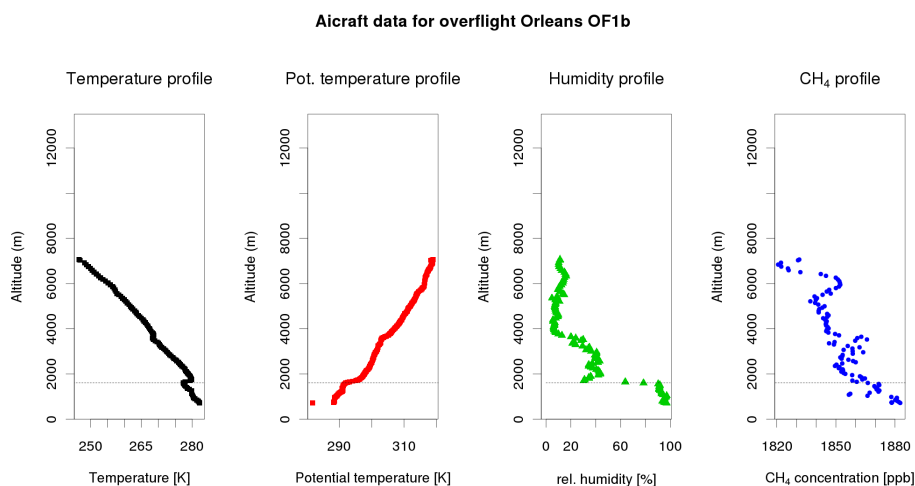


Figure 12: Orléans overflight OF1b: aircraft in-situ measurements

7 Orléans OF2a: 2 Oct 2009, 10:35 UTC

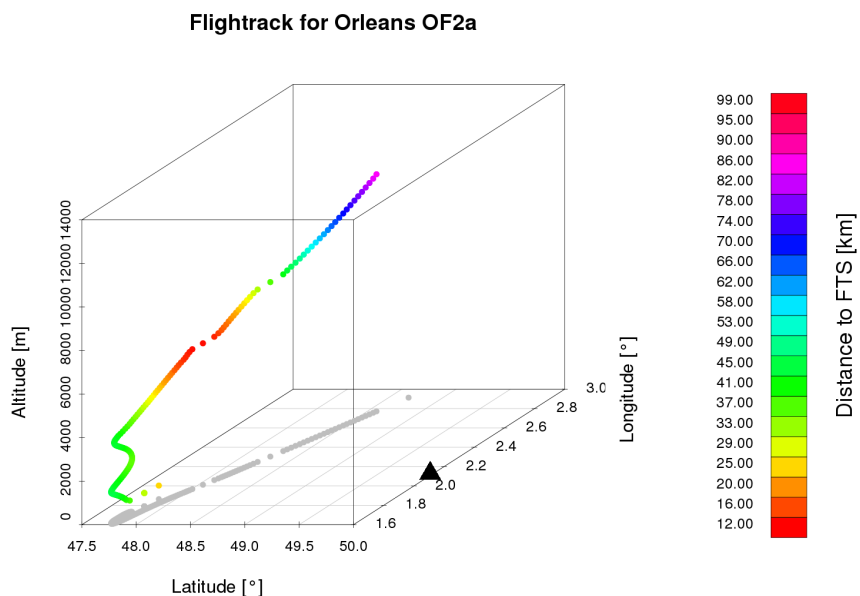


Figure 13: Orléans overflight OF2a: flight track

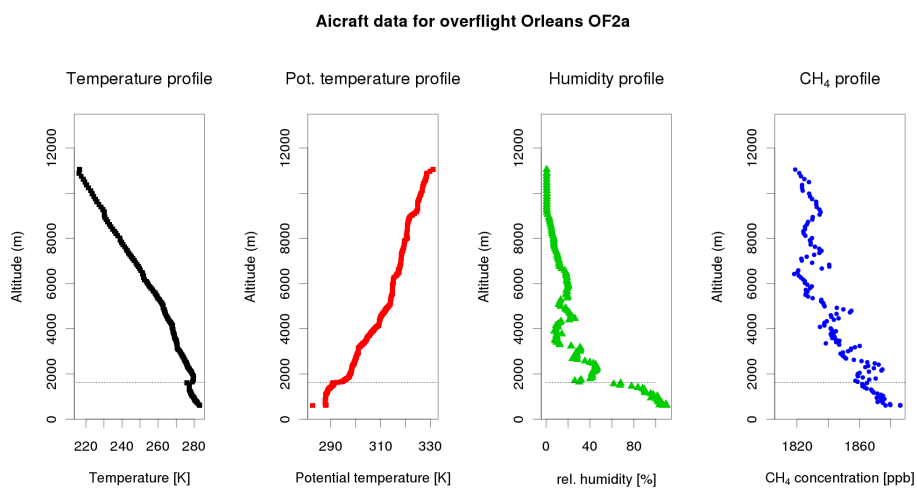


Figure 14: Orléans overflight OF2a: aircraft in-situ measurements

8 Orléans OF2b: 2 Oct 2009, 10:57 UTC

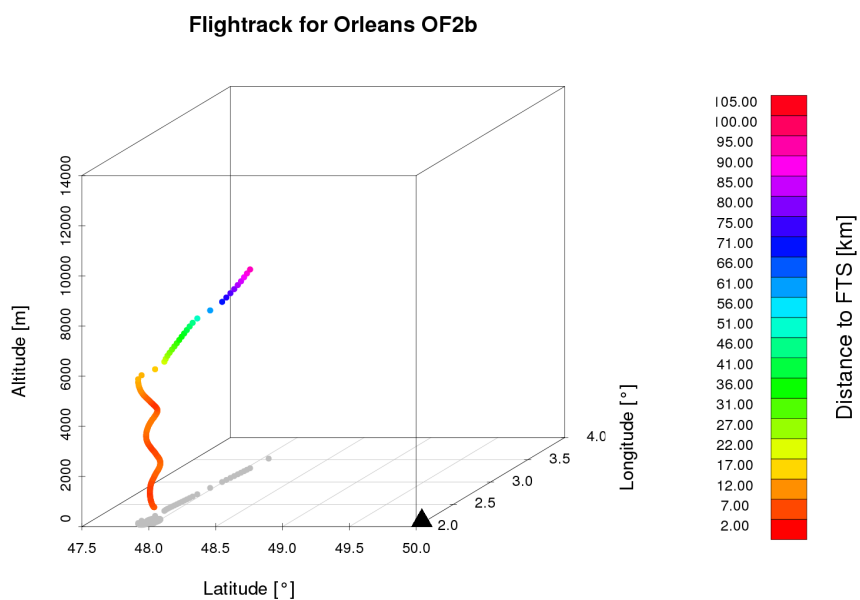


Figure 15: Orléans overflight OF2b: flight track

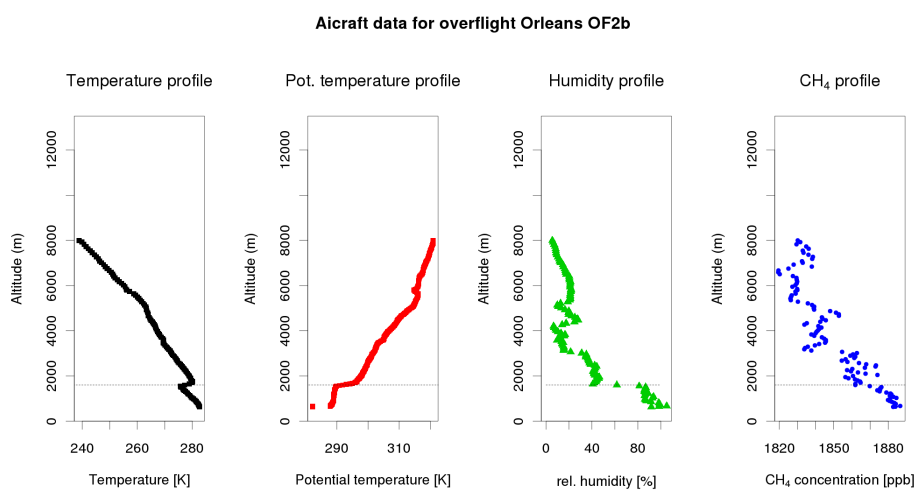


Figure 16: Orléans overflight OF2b: aircraft in-situ measurements

9 Karlsruhe OF1a: 2 Oct 2009, 09:31 UTC

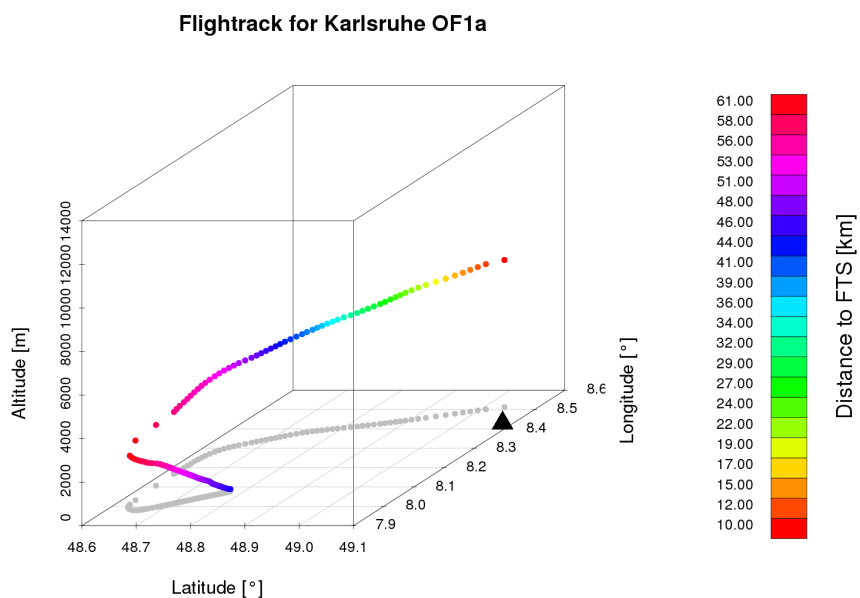


Figure 17: Karlsruhe overflight OF1a: flight track

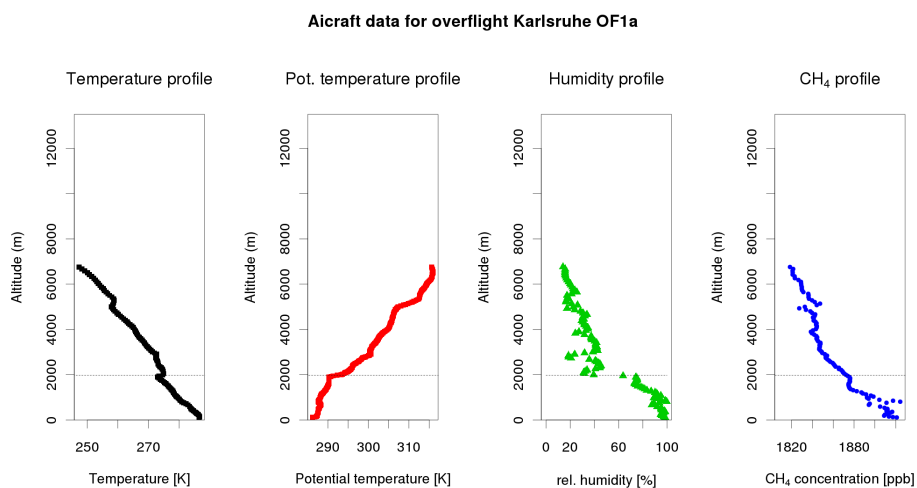


Figure 18: Karlsruhe overflight OF1a: aircraft in-situ measurements

10 Garmisch-P. OF1a: 5 Oct 2009, 08:47 UTC

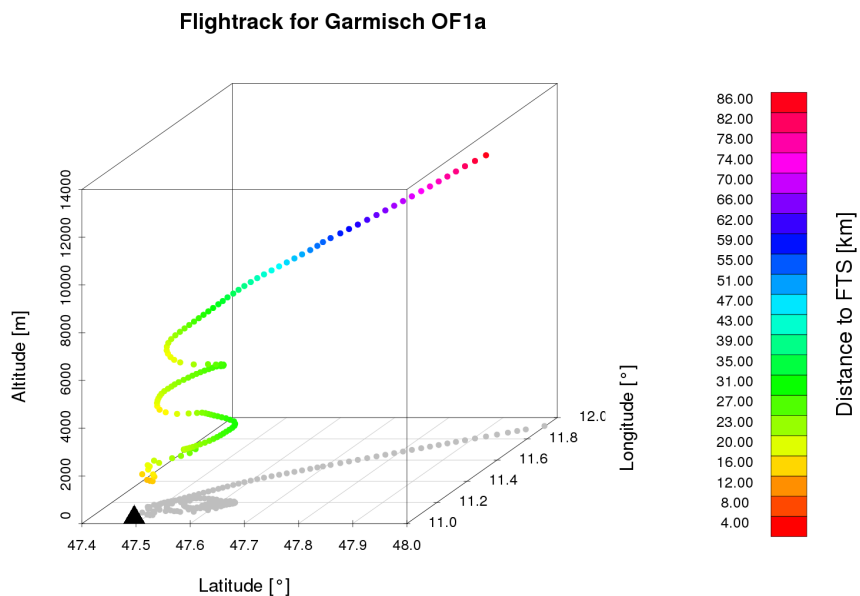


Figure 19: Garmisch-P. overflight OF1a: flight track

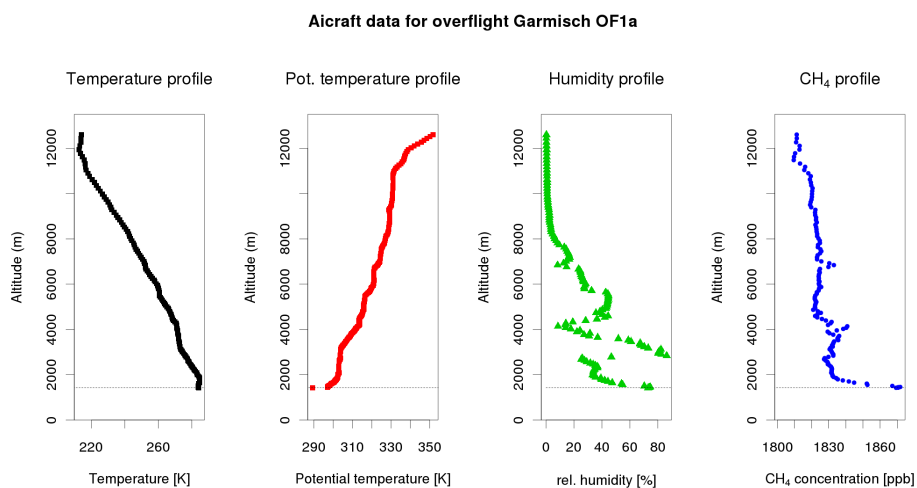


Figure 20: Garmisch-P. overflight OF1a: aircraft in-situ measurements

11 Jena OF1a: 5 Oct 2009, 07:56 UTC

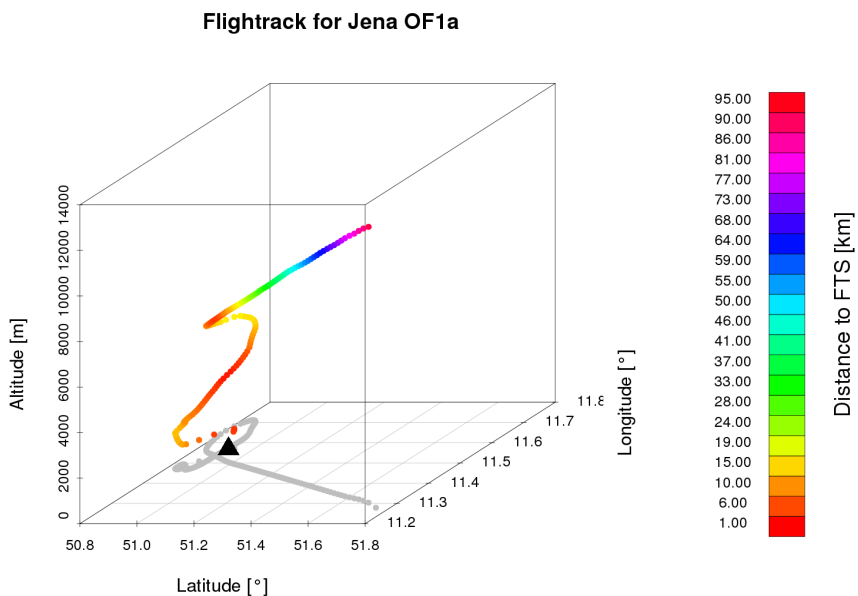


Figure 21: Jena overflight OF1a: flight track

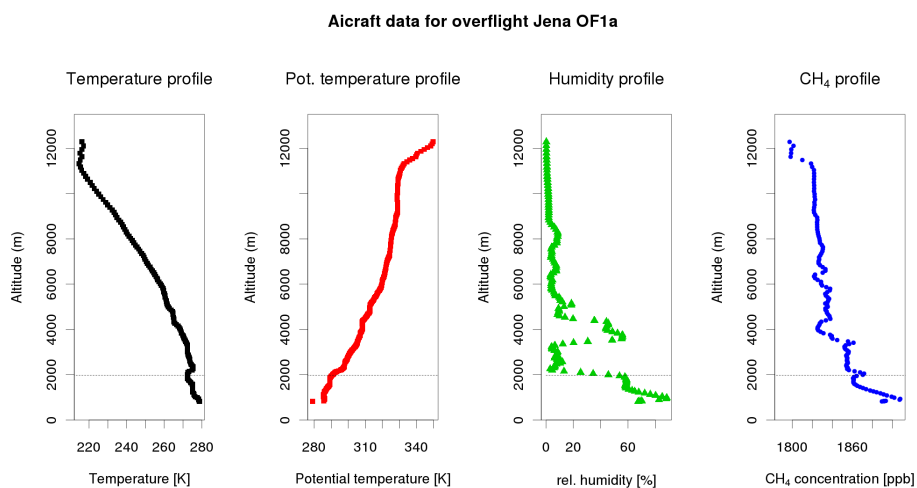


Figure 22: Jena overflight OF1a: aircraft in-situ measurements

12 Jena OF1b: 5 Oct 2009, 08:08 UTC

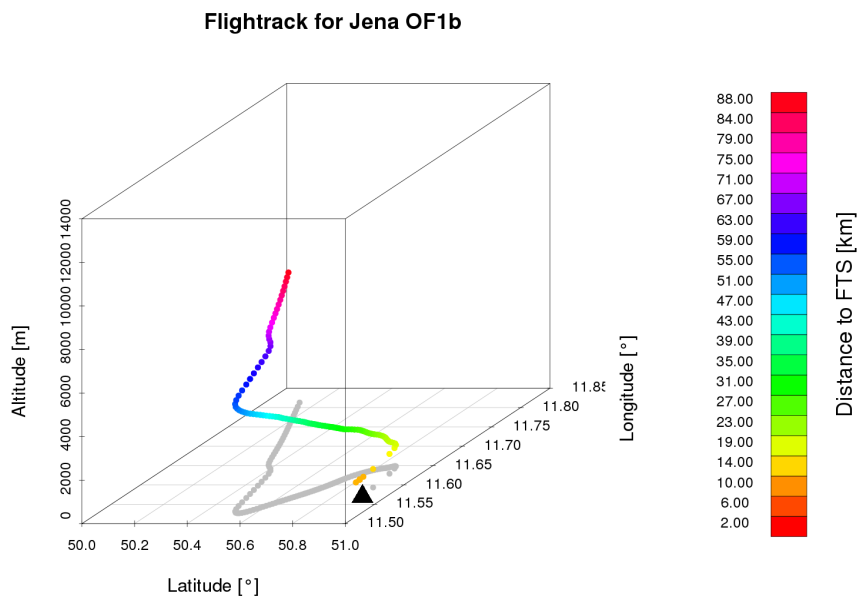


Figure 23: Jena overflight OF1b: flight track

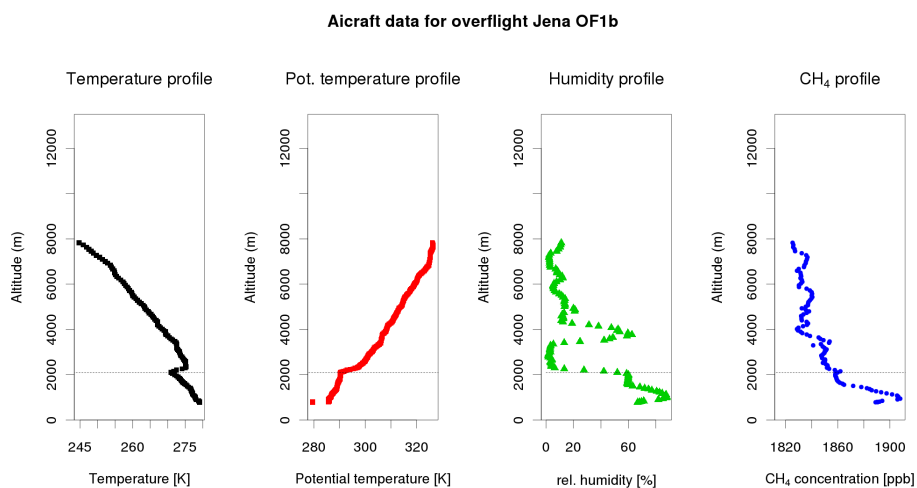


Figure 24: Jena overflight OF1b: aircraft in-situ measurements

13 Jena OF2a: 9 Oct 2009, 10:12 UTC

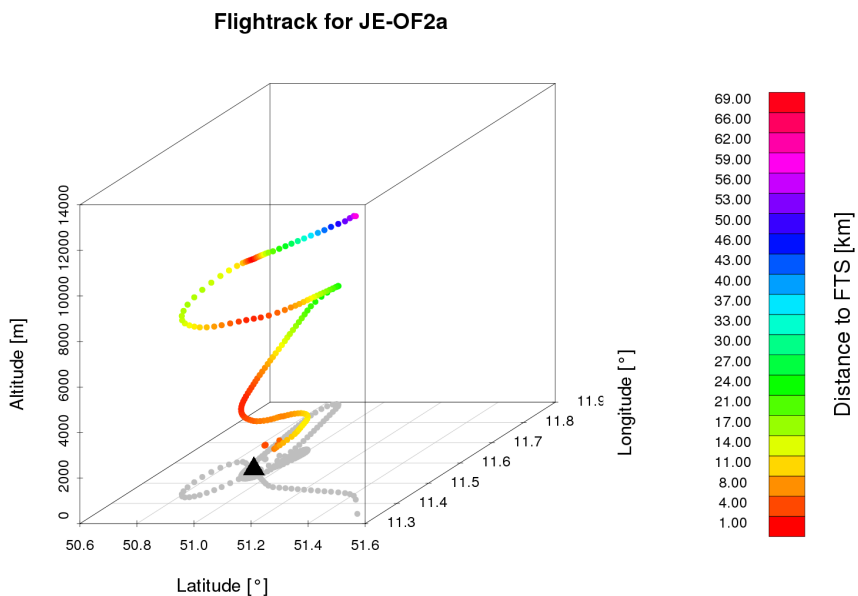


Figure 25: Jena overflight OF2a: flight track

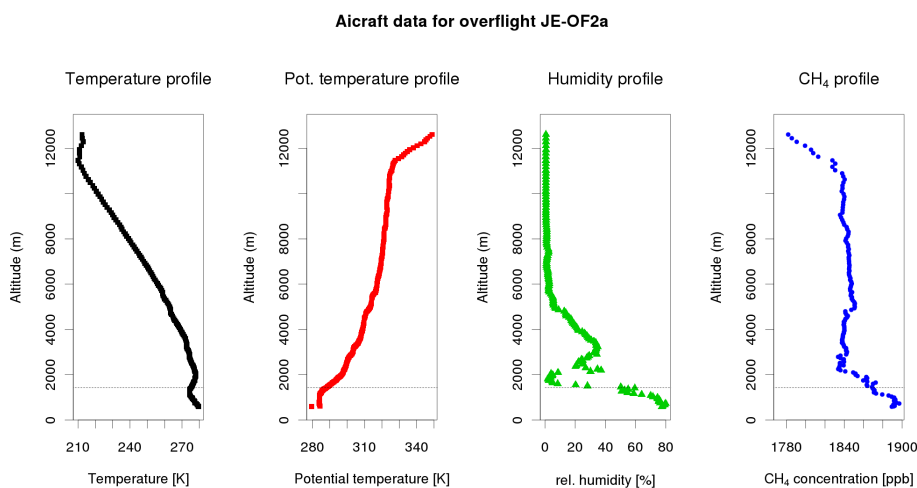


Figure 26: Jena overflight OF2a: aircraft in-situ measurements

14 Jena OF2b: 9 Oct 2009, 10:35 UTC

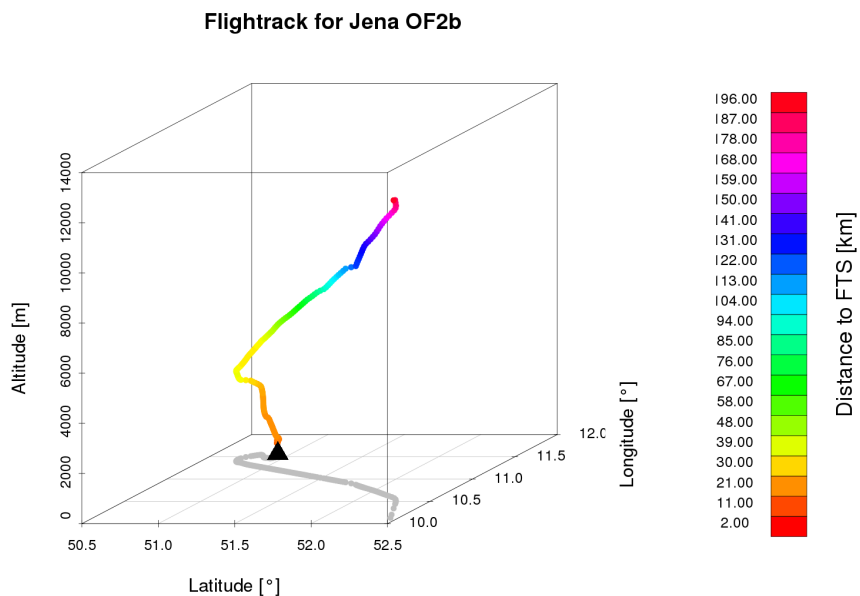


Figure 27: Jena overflight OF2b: flight track

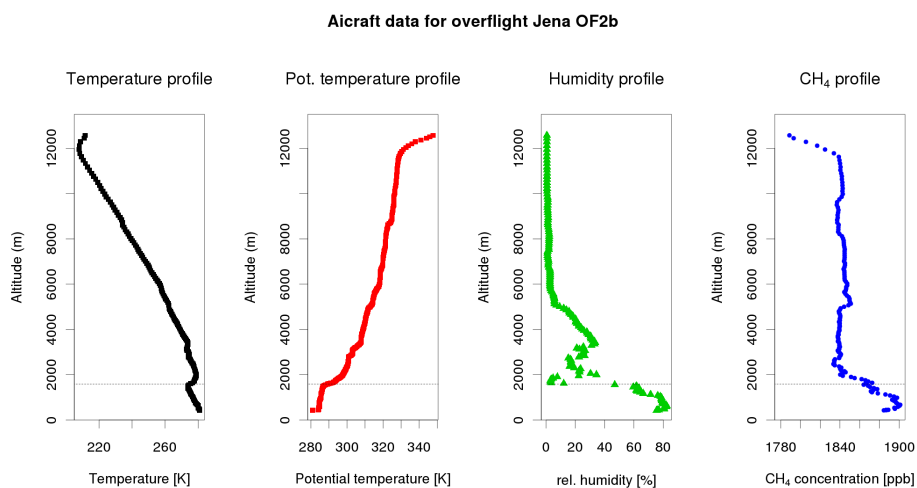


Figure 28: Jena overflight OF2b: aircraft in-situ measurements

15 Bremen OF1a: 5 Oct 2009, 11:29 UTC

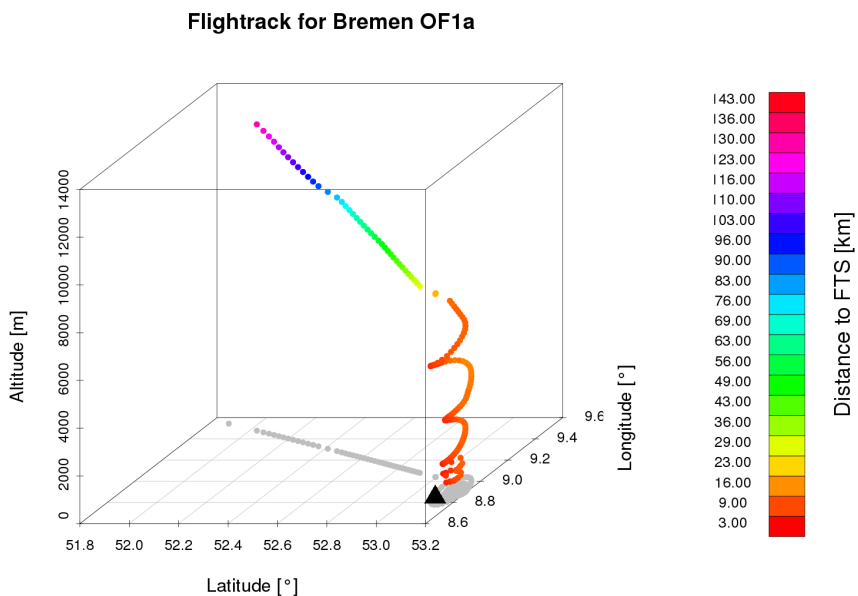


Figure 29: Bremen overflight OF1a: flight track

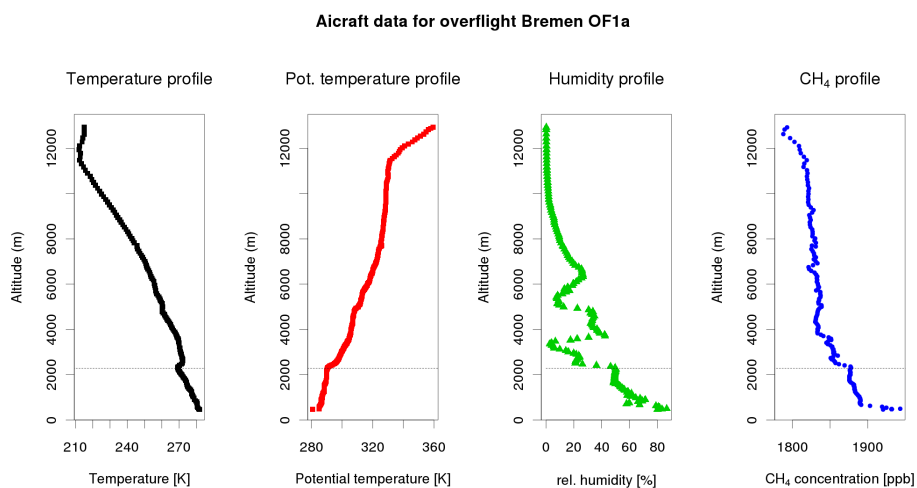


Figure 30: Bremen overflight OF1a: aircraft in-situ measurements

16 Bremen OF2a: 9 Oct 2009, 10:52 UTC

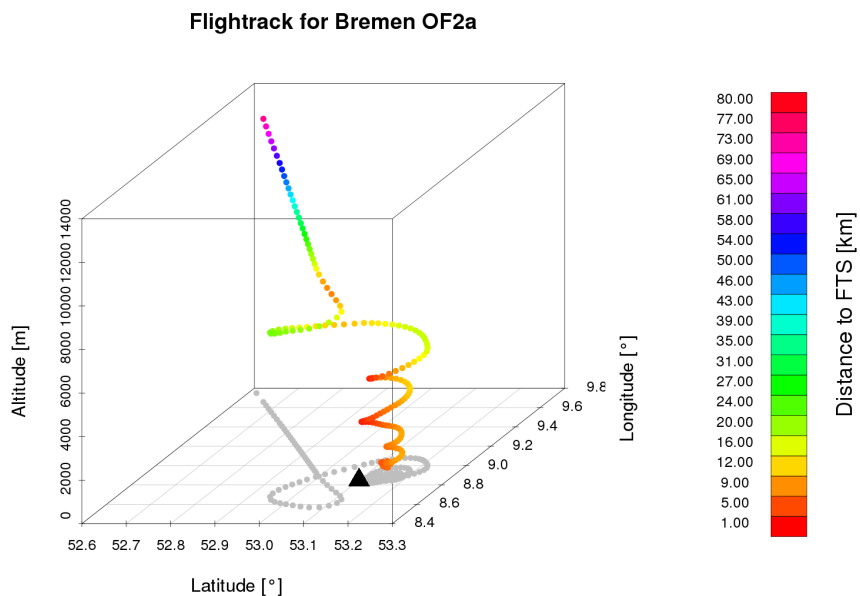


Figure 31: Bremen overflight OF2a: flight track

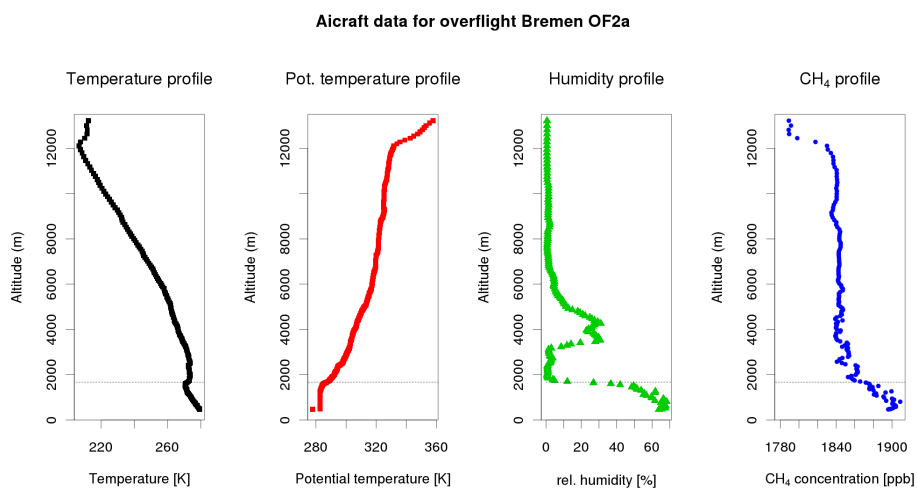


Figure 32: Bremen overflight OF2a: aircraft in-situ measurements