# Observation date and analyzed data

1. 2011/08/21\_180058
2. 2011/08/22\_144629
3. 2011/08/23\_173312

Notes

1. In figures, add 44 ppm to CO2 (ppm) after calibration.
2. The blue curves are corrected for temperature and pressure, while the red ones are the raw data.
3. A set of the two curves refer to ascending and descending conditions. The discrepancy between the two curves is maybe caused by measurement error.

Data 20110821\_180058

## Data 20110822\_144629\_a

## 20110822\_144629\_b

## 20110823\_173312

Tentative Conclusion: CO2 concentration was rather homogeneous up to 700 m even there were forest-peat fires occurring nearby the balloon observation site. This would be caused by vigorous air mixing due to strong wind with speed over 10 m/s..