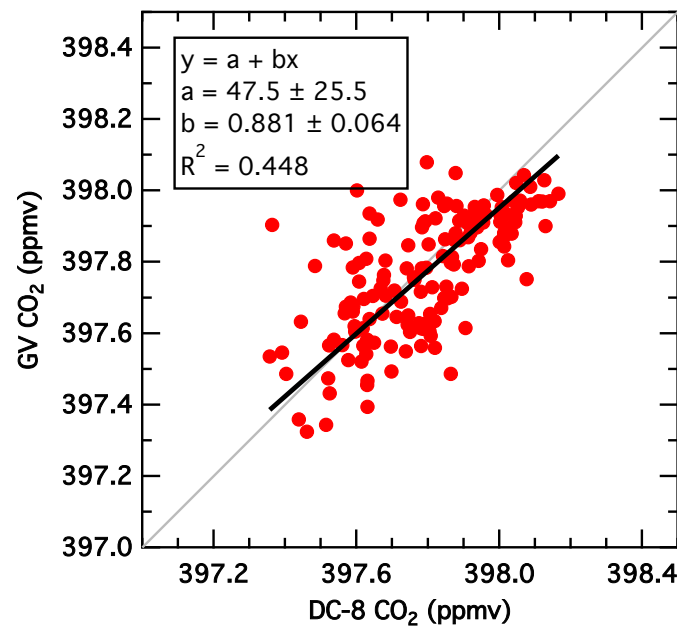
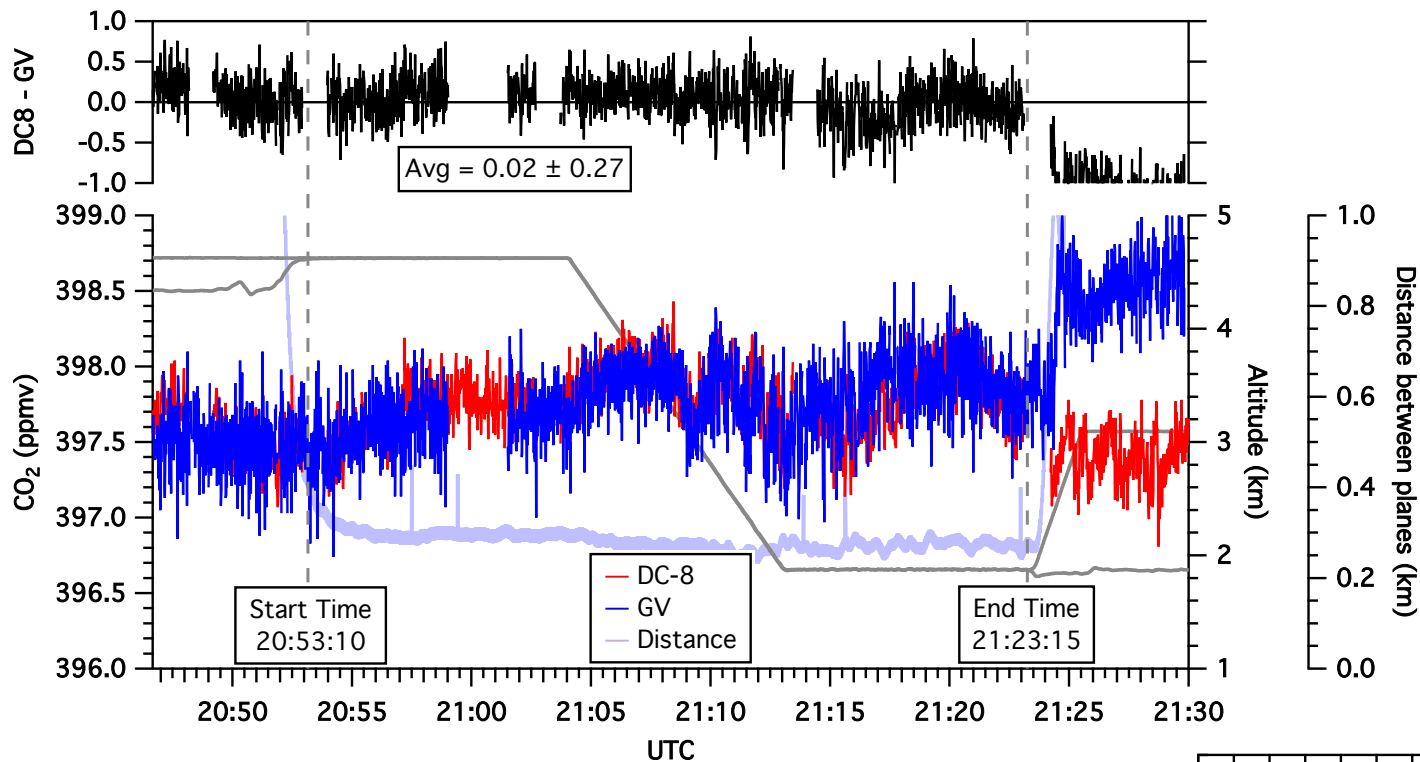
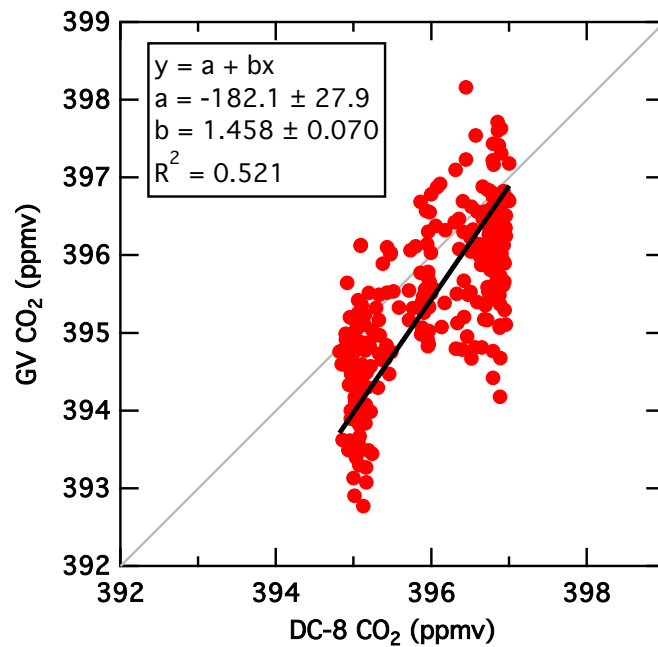
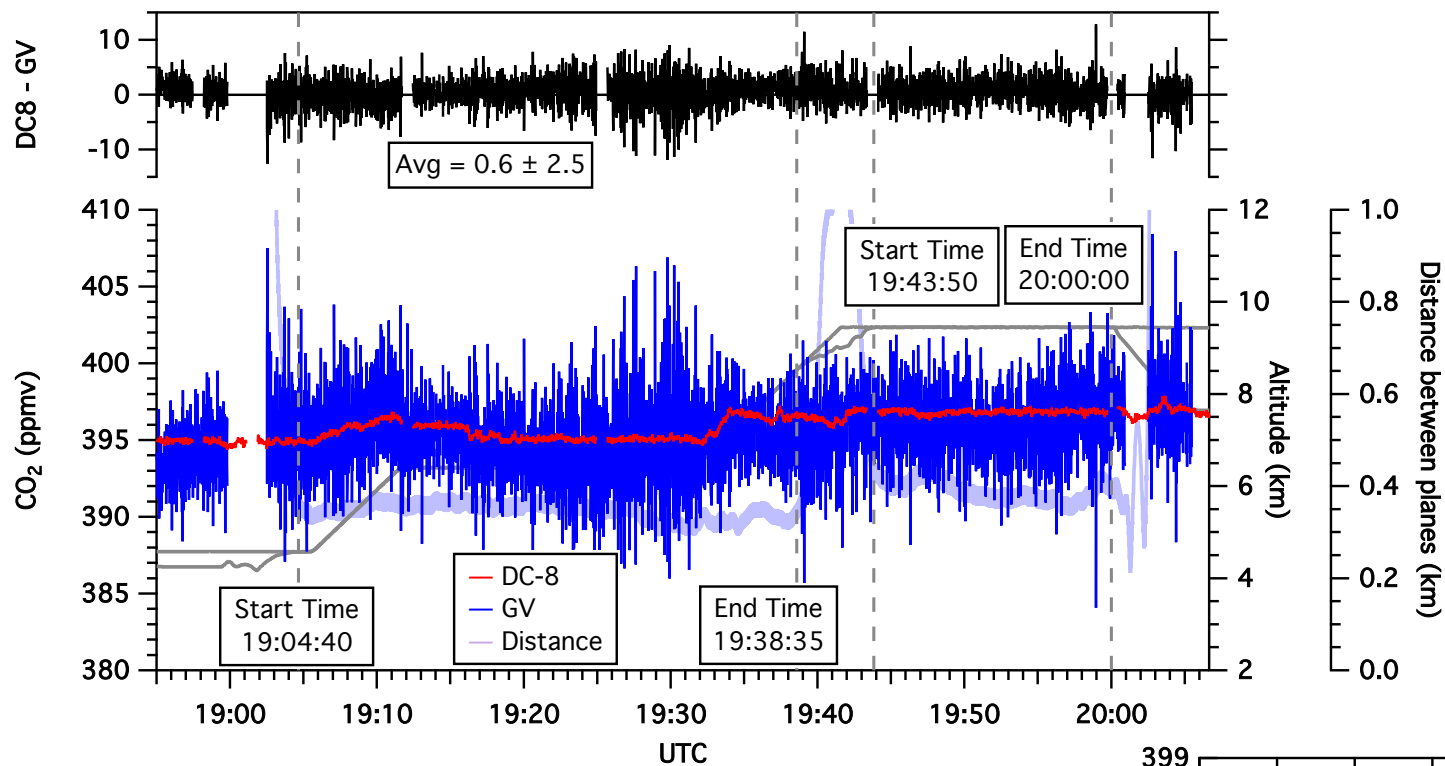


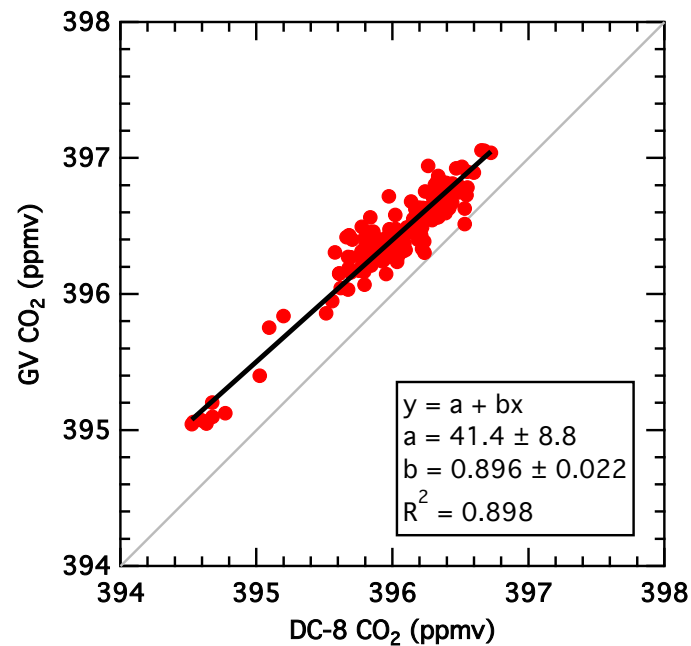
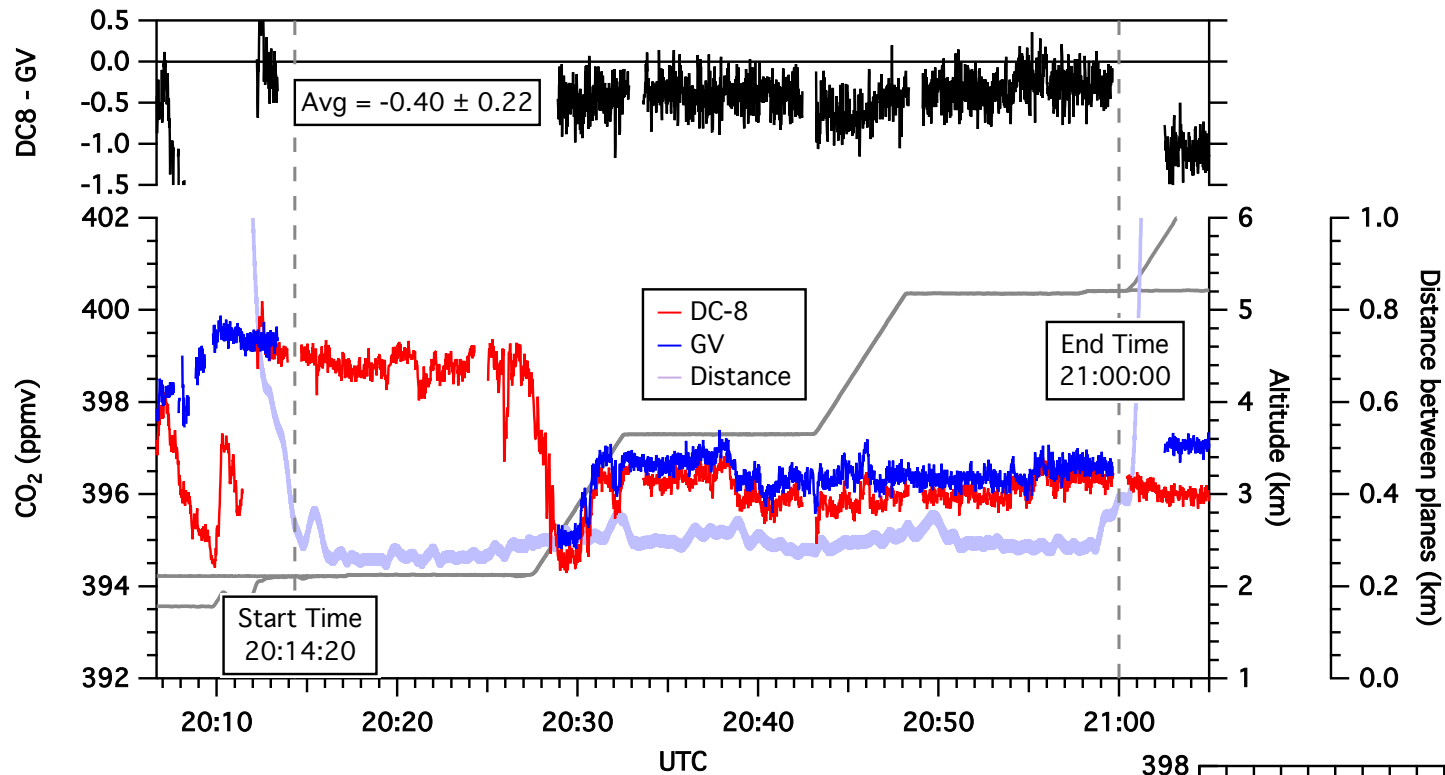
05/25/12



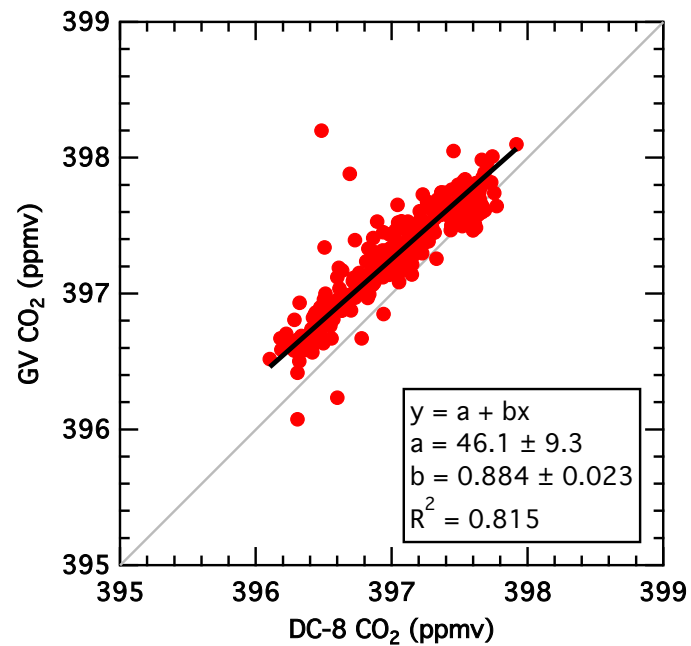
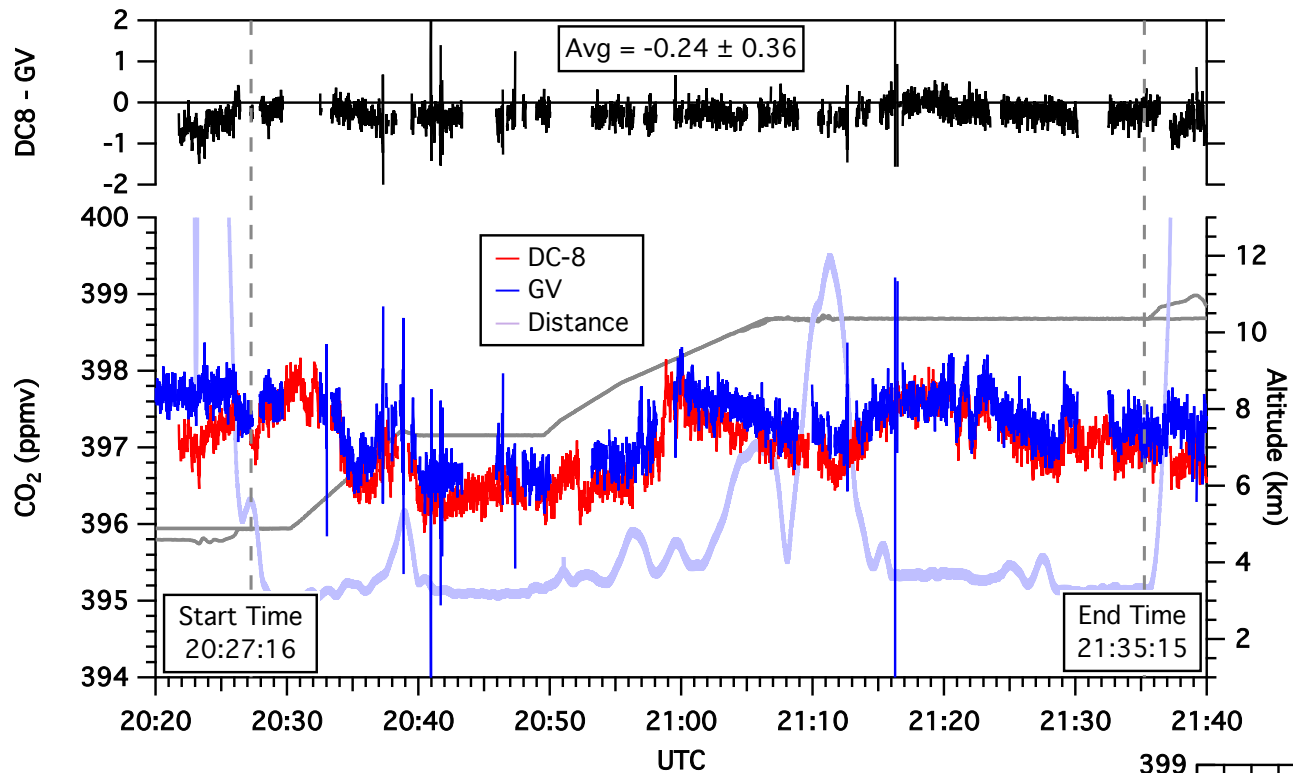
05/30/12



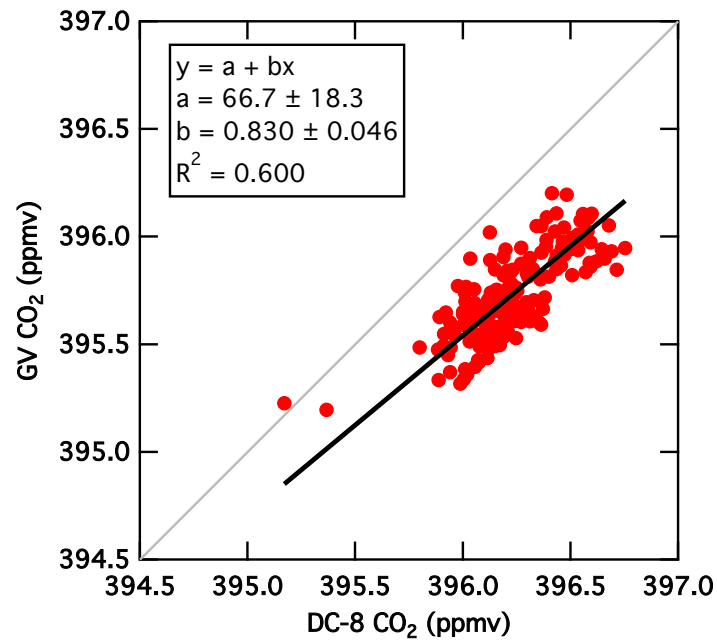
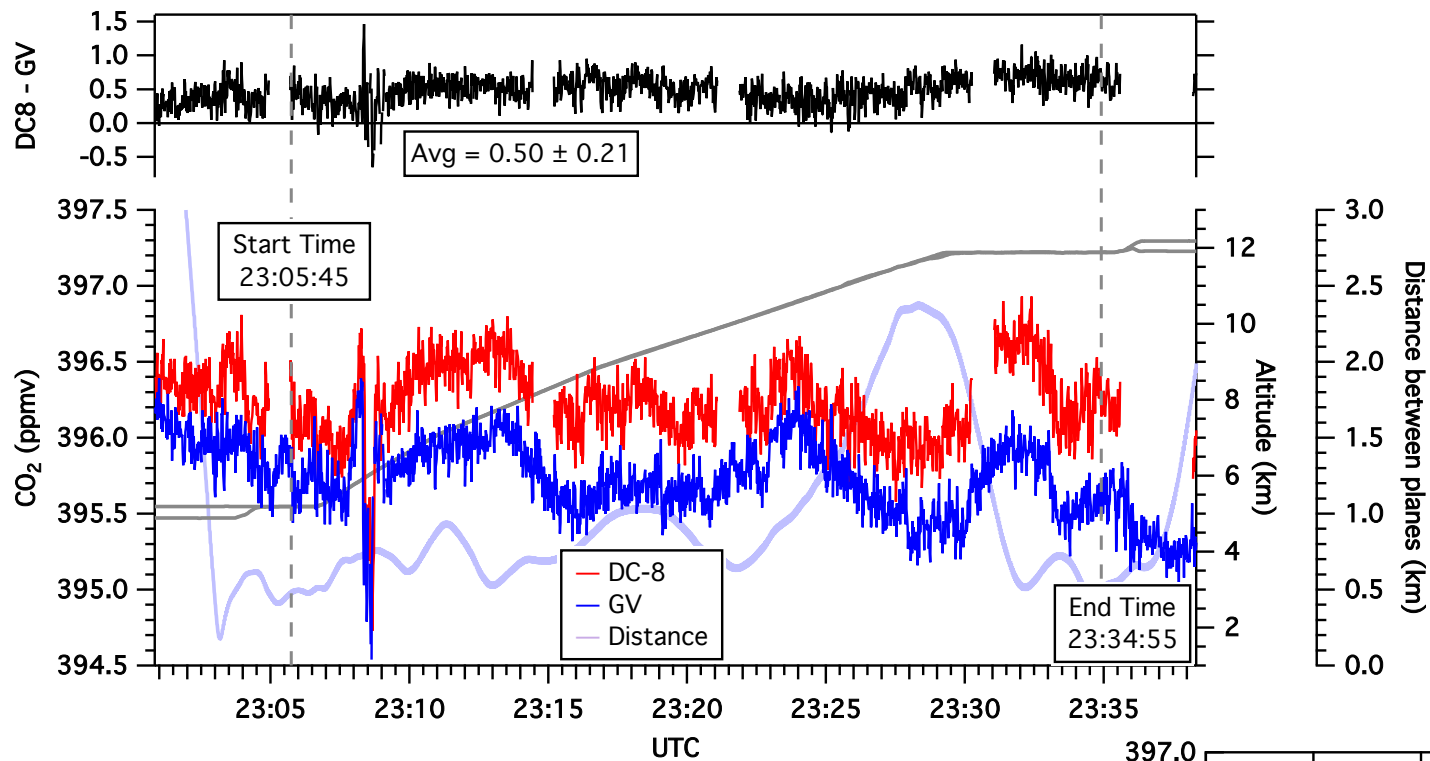
06/01/12



06/05/12



06/17/12



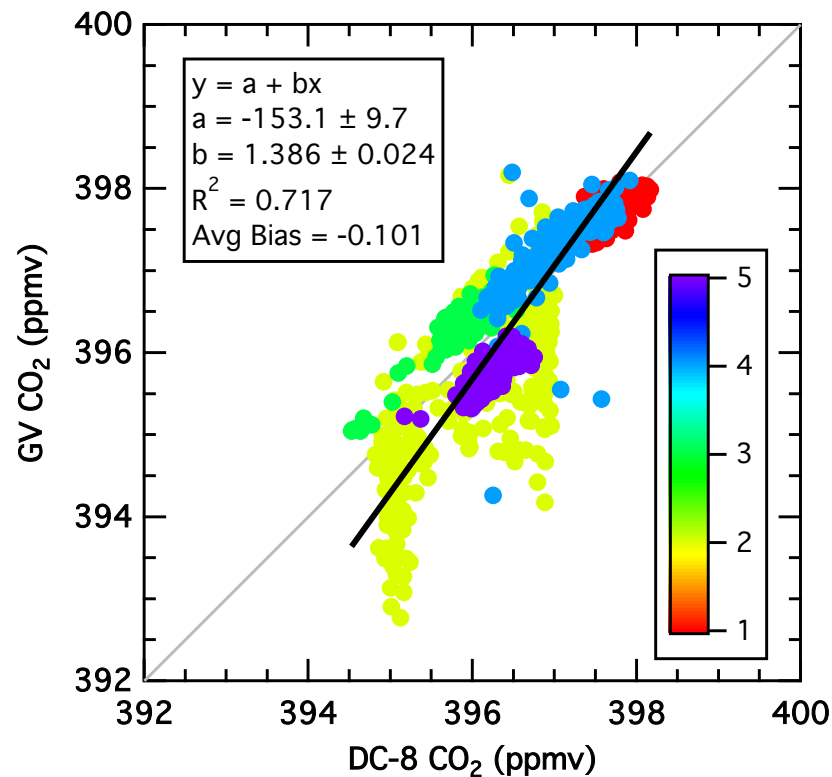
Time Series Data

Comparison Date	DC-8	GV
05/25/12	dc3-co2_dc8_20120525_r0.ict	dc3-CO2CH4_GV_20120525_R1.ict
05/30/12	dc3-co2_dc8_20120530_r0.ict	dc3-CO2CH4_GV_20120530_R0.ict
06/01/12	dc3-co2_dc8_20120601_r0.ict	dc3-CO2CH4_GV_20120601_R1.ict
06/05/12	dc3-co2_dc8_20120605_r0.ict	dc3-CO2CH4_GV_20120605_R1.ict
06/17/12	dc3-co2_dc8_20120617_r0.ict	dc3-CO2CH4_GV_20120617_R0.ict

Correlation Data

Comparison Date	DC-8 10 Second Merge	GV 10 Second Merge
05/25/12	Merged to 10-sec time step	Merged to 10-sec time step
05/30/12	dc3-mrg10-dc8_merge_20120530_R6.ict	dc3-mrg10-gV_merge_20120530_R5.ict
06/01/12	Merged to 10-sec time step	Merged to 10-sec time step
06/05/12	Merged to 10-sec time step	Merged to 10-sec time step
06/17/12	dc3-mrg10-dc8_merge_20120617_R6.ict	dc3-mrg10-gV_merge_20120617_R5.ict

- 05/25, 06/01, and 06/05 GV data was updated after GV R5 merge.
- Fit lines are derived from orthogonal distance regressions.
- R^2 values are calculated independently, not from orthogonal distance regression.
- Outliers removed from correlation on 06/05/12 ($\text{CO}_2 < 396$ & > 401 ppbv)
- Average and standard deviation are calculated over the comparison time frame.



- Numbers on Colorbar correspond to the 5 intercomparison days
1: 05/25/12, 2: 05/30/12, 3: 06/01/12, 4: 06/05/12, 5: 06/17/12
- Avg Bias denotes the difference between y and x, calculated by (y-x)
- Outliers removed on 06/05/12 (CO₂ < 396 ppmv and > 401 ppmv)