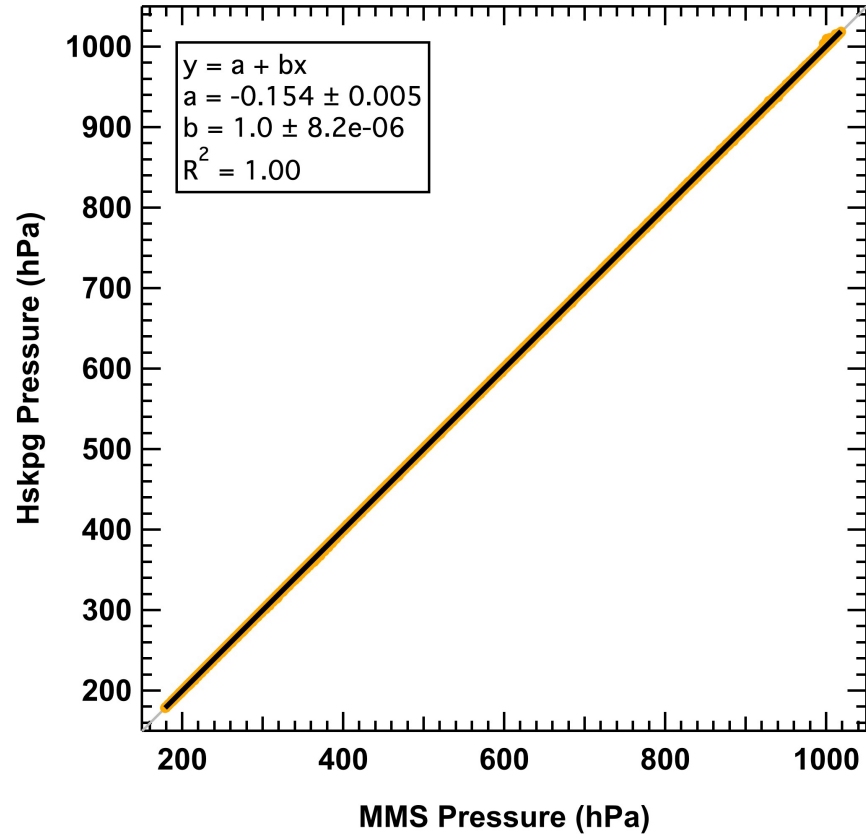
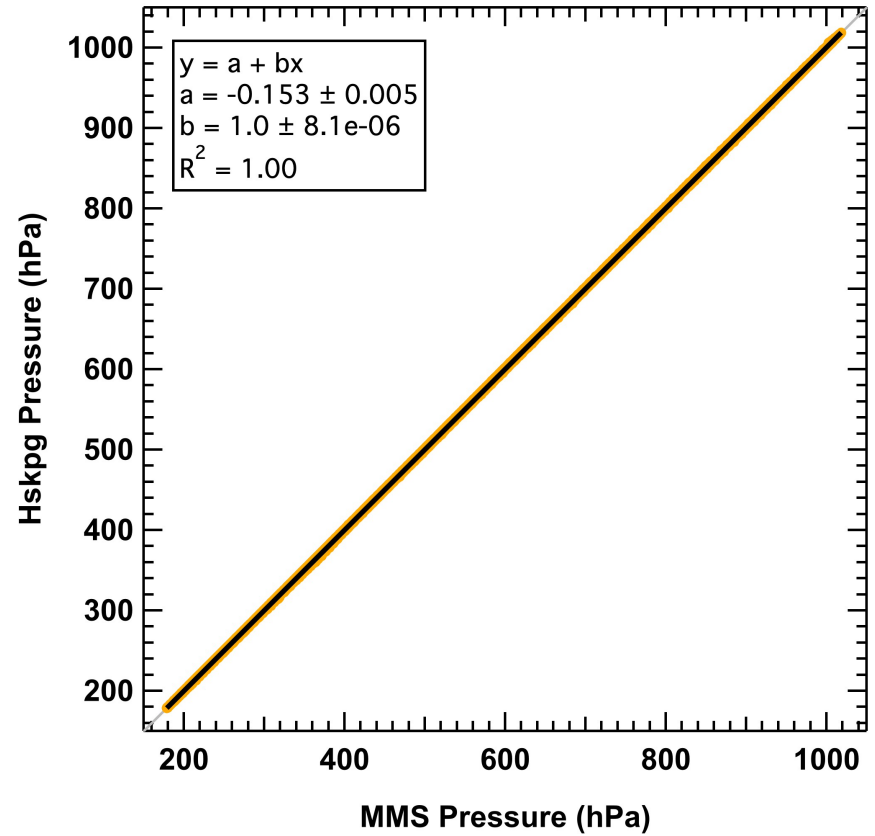


Pressure – Hskpg vs MMS

Archive 10s Merge – 61005 pts

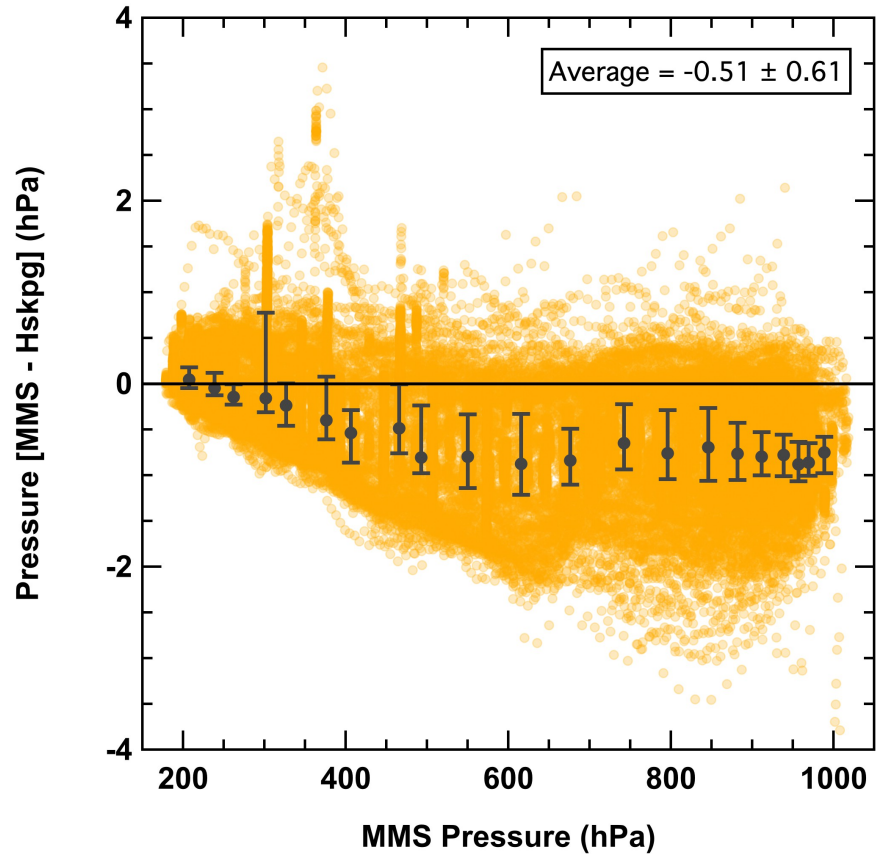


10s Merge with 70% Data – 60977 pts

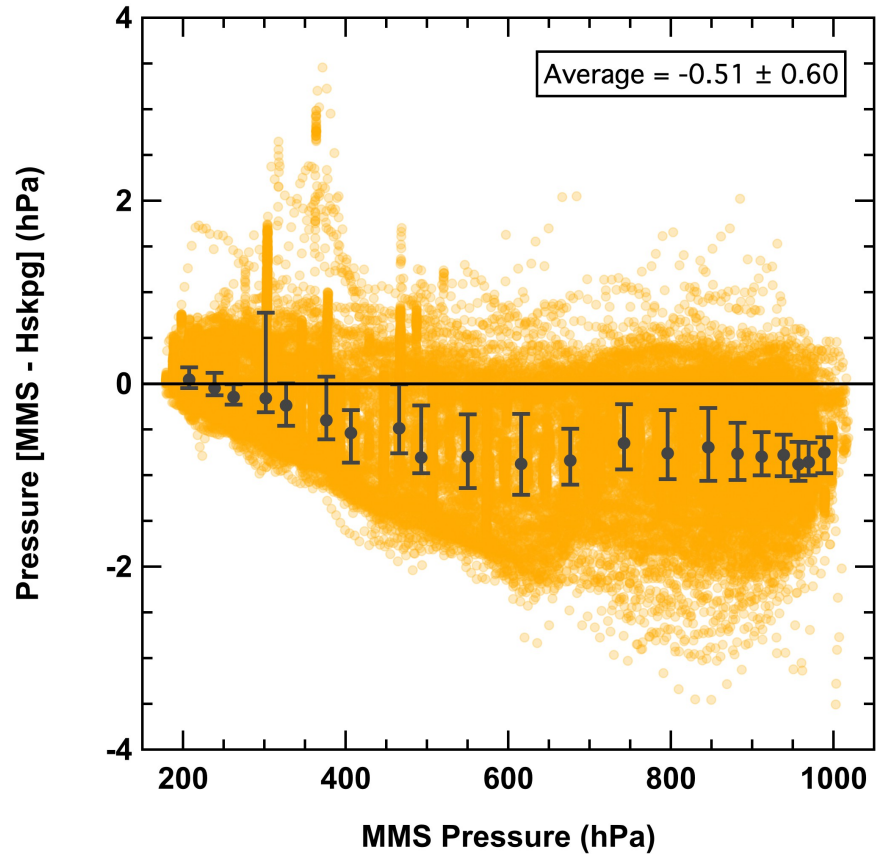


Difference dependence on pressure value

Archive 10s Merge



10s Merge with 70% Data



Data:

- 10s merge: SEAC4RS-mrg10-dc8_merge_20130806_R5_thru20130923.ict
- Hskping: seac4rs-dc8hskping_dc8_#####_r0.ict (##### = daily files from 20130806 – 20130923)
- MMS: SEAC4RS-MMS-1HZ_DC8_#####_R0.ict (##### = daily files from 20130806 – 20130923)

Correlation:

- 10s merge with 70% data are calculated using archive PI data files. Each merge interval must contain at least 70% of data for analysis.
- Fit lines are derived from orthogonal distance regressions.
- R^2 values are calculated independently, not from orthogonal distance regression.

Difference dependence on temperature value:

- Absolute difference calculated by MMS – Hskpg.
- Median, 25th, and 75th percentiles based on 3000 data point bins after data is sorted by MMS values.