

GVAX Update

Rao Kotamarthi

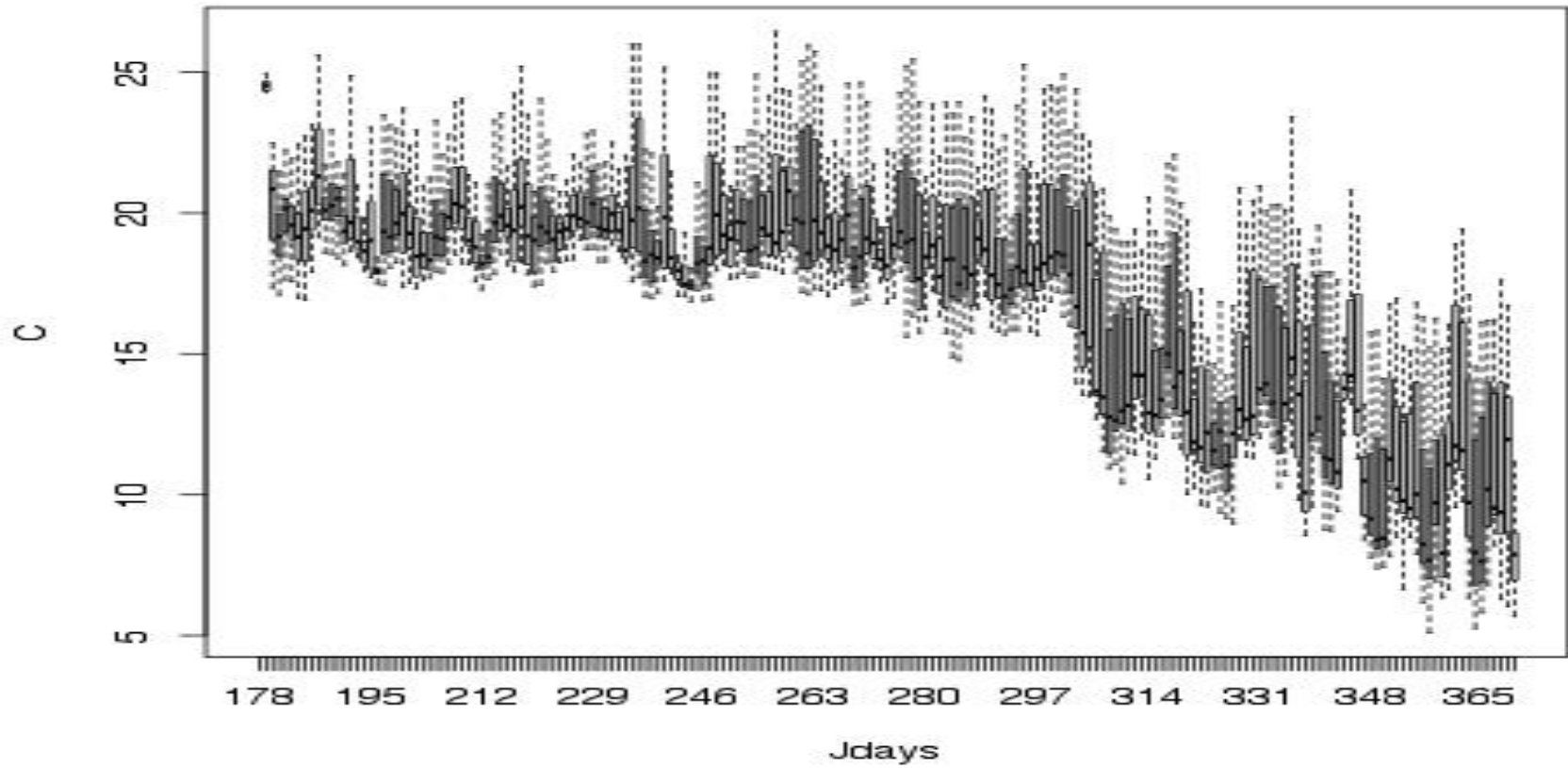
Argonne National Laboratory

AMF-1 Measurements

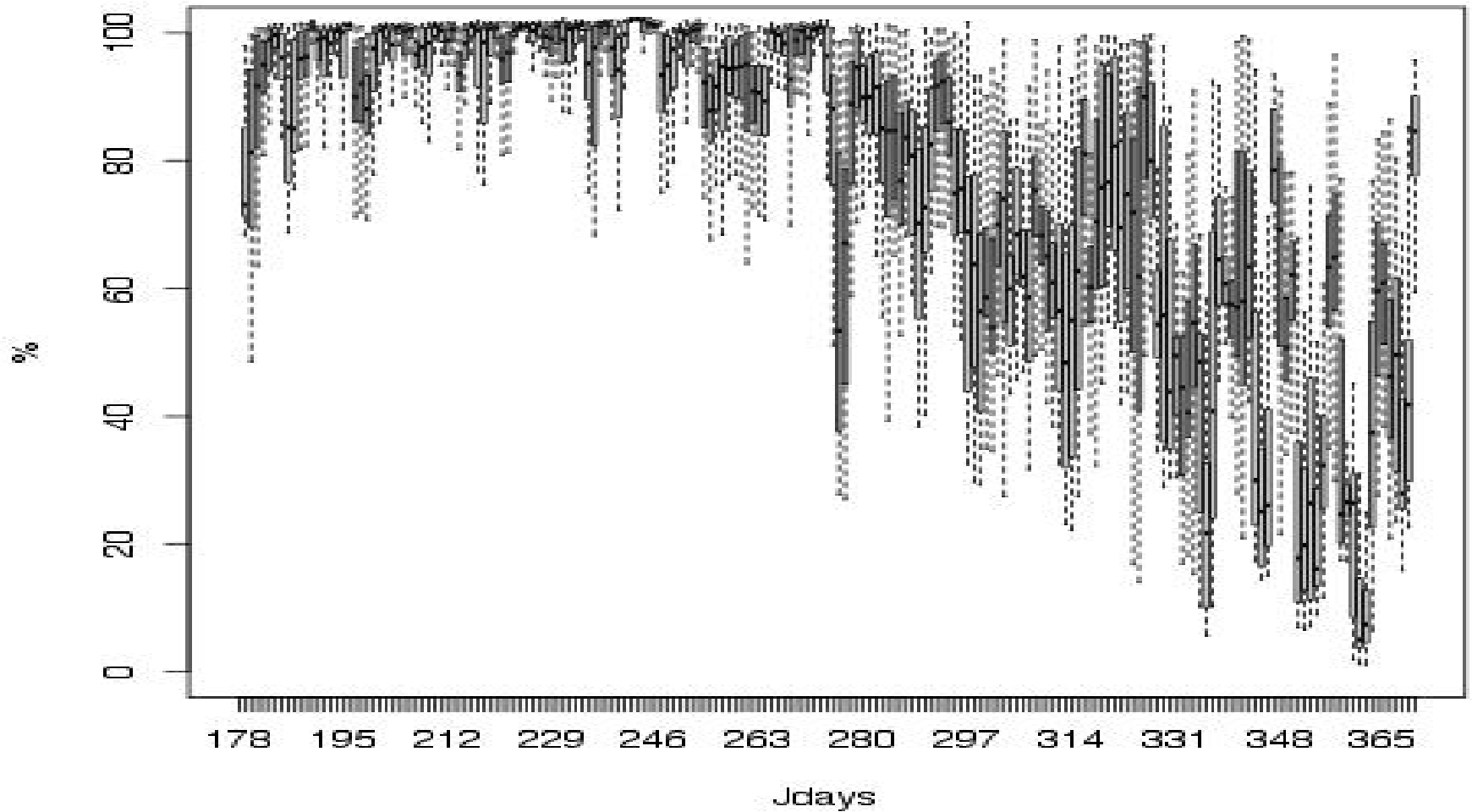
- Started June 26th, 2011 and ending March 31st, 2012.
- Data in the arm archives to about January 9th, 2012
- WACR never operated
- RWP started operating in December, 2011
- MPL started operating January 15th
- Most data seems to be fine, some missing data in October
- ISRO aircraft waiting for final approval (Droplet Technologies – Inlet) – will operate from Lucknow – starting in -2/4 weeks.



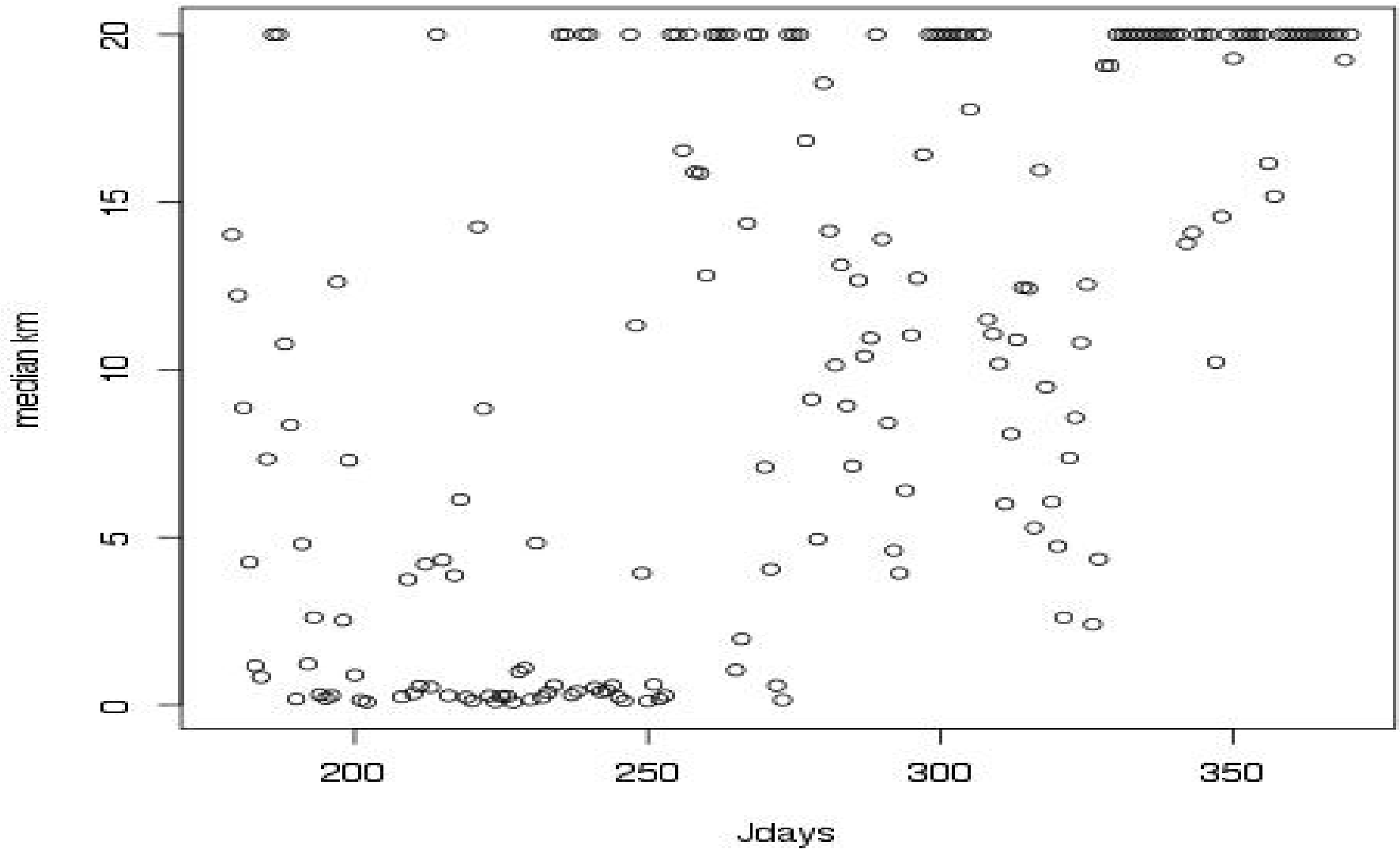
Meteorological Conditions (surface temperature)



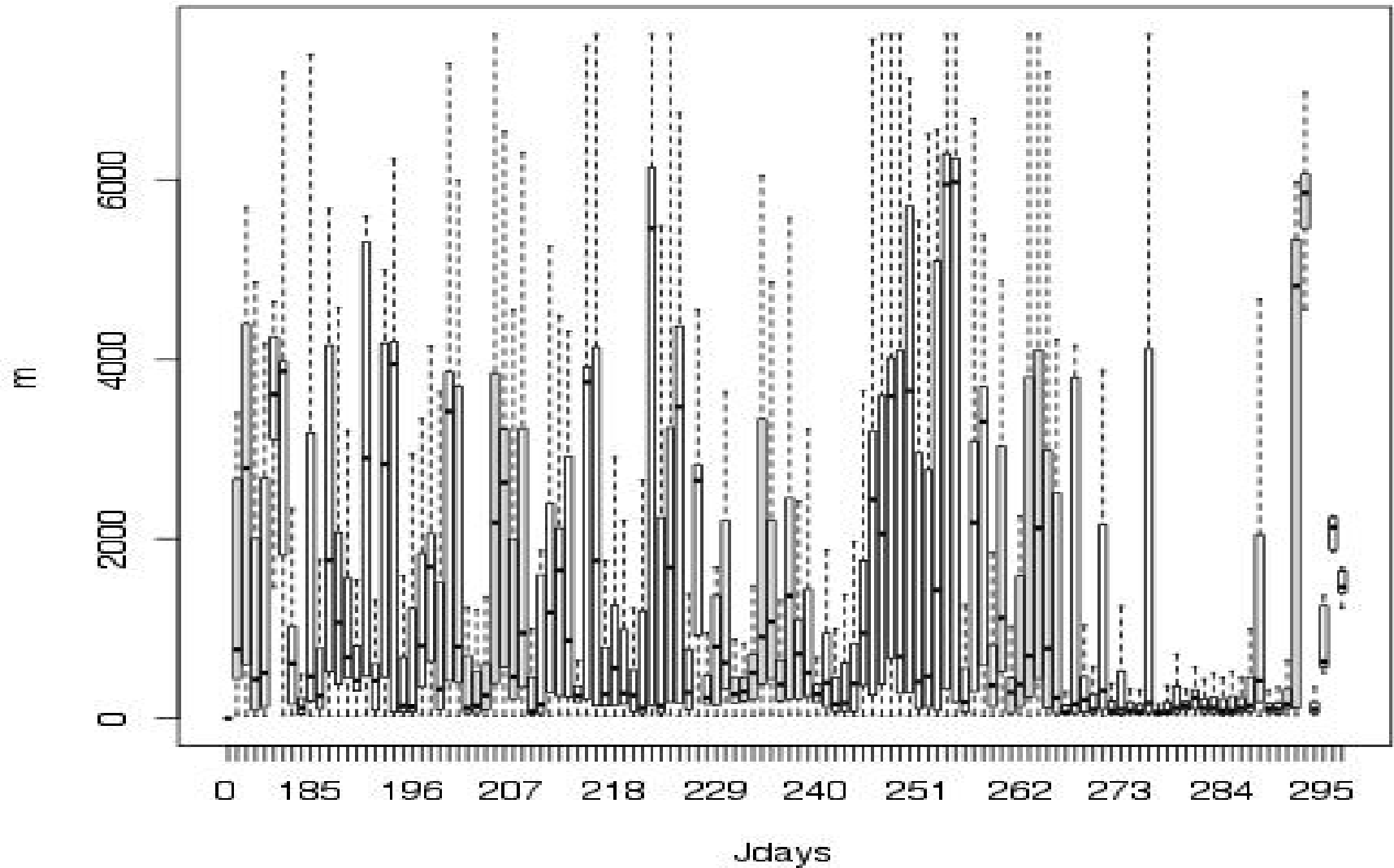
Meteorological Conditions (RH)



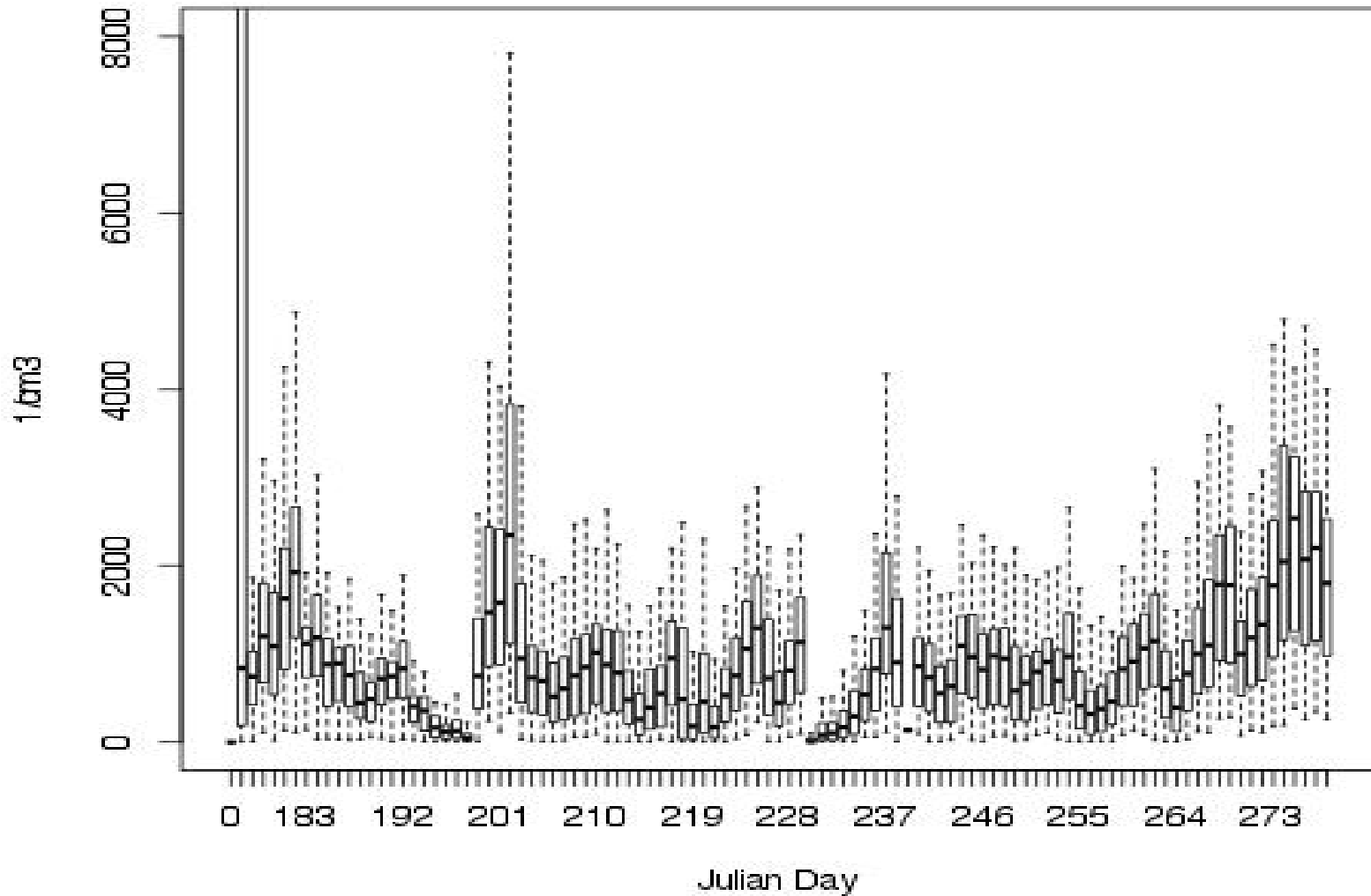
Visibility from PWD



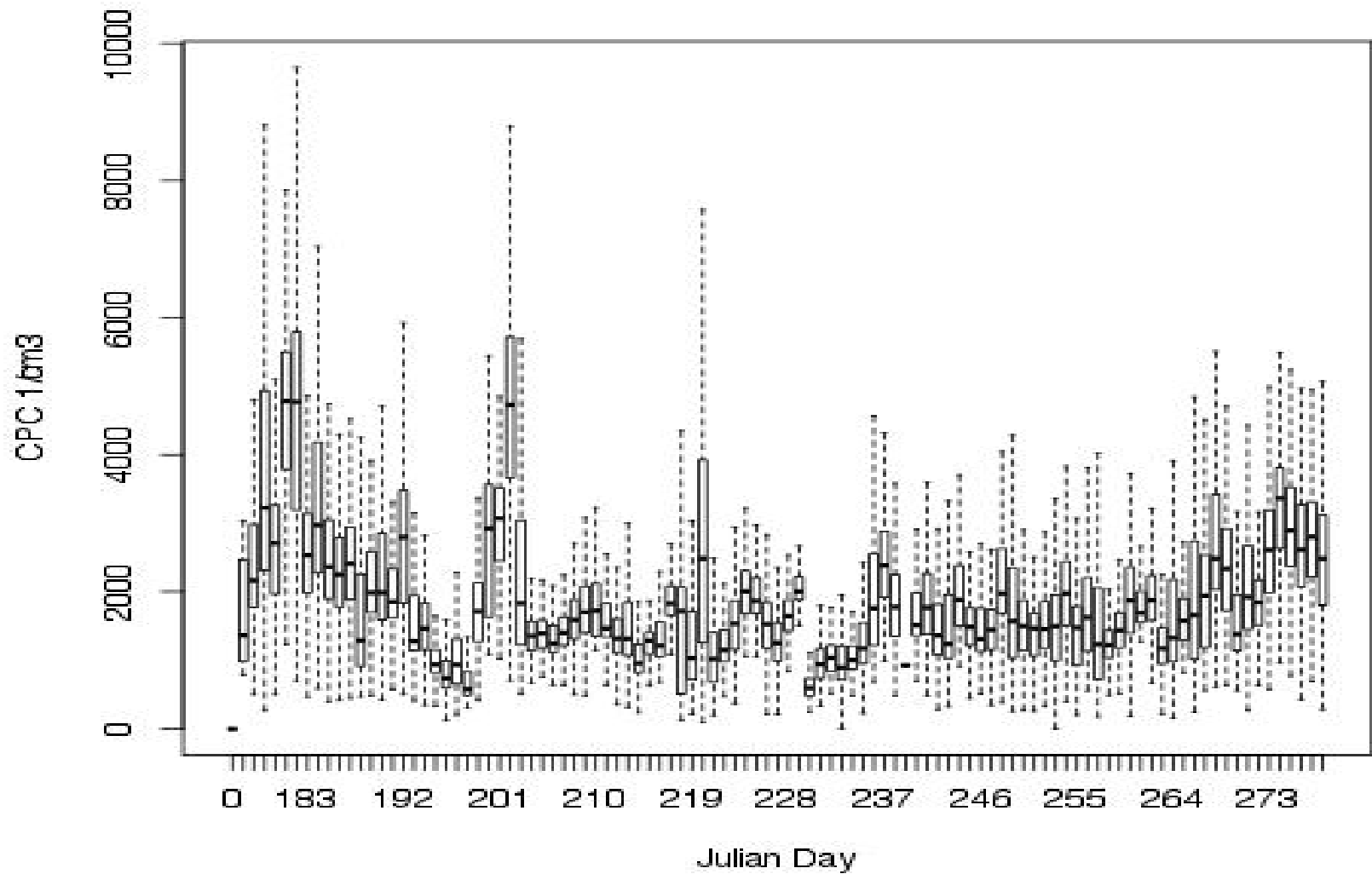
First Cloud Base Height (VCEIL)



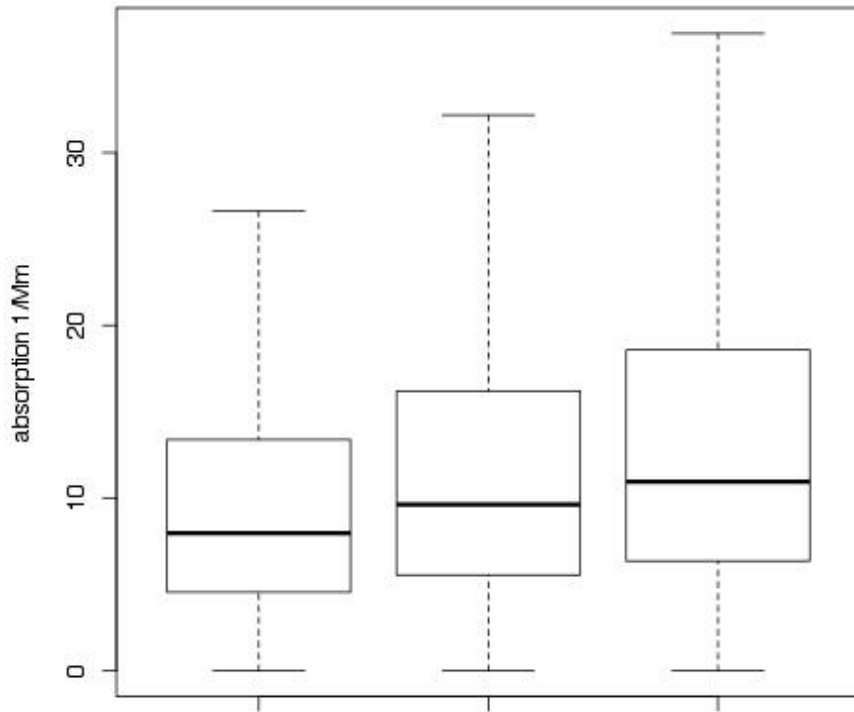
Aerosol Measurements (CCN)



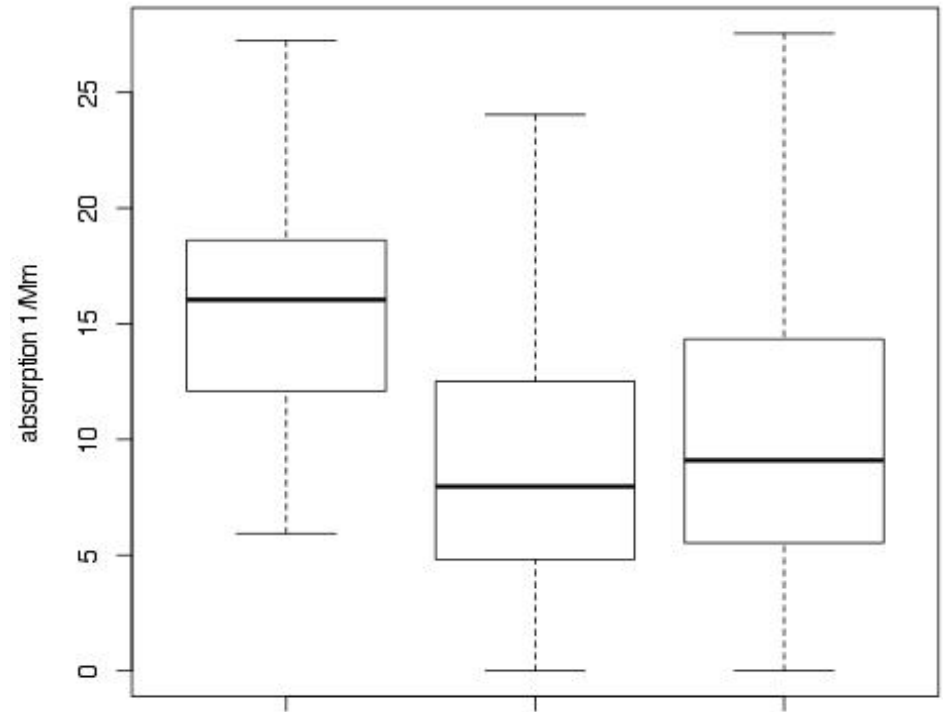
CPC



PSAP (June to October; Red, Green and Blue Channels)



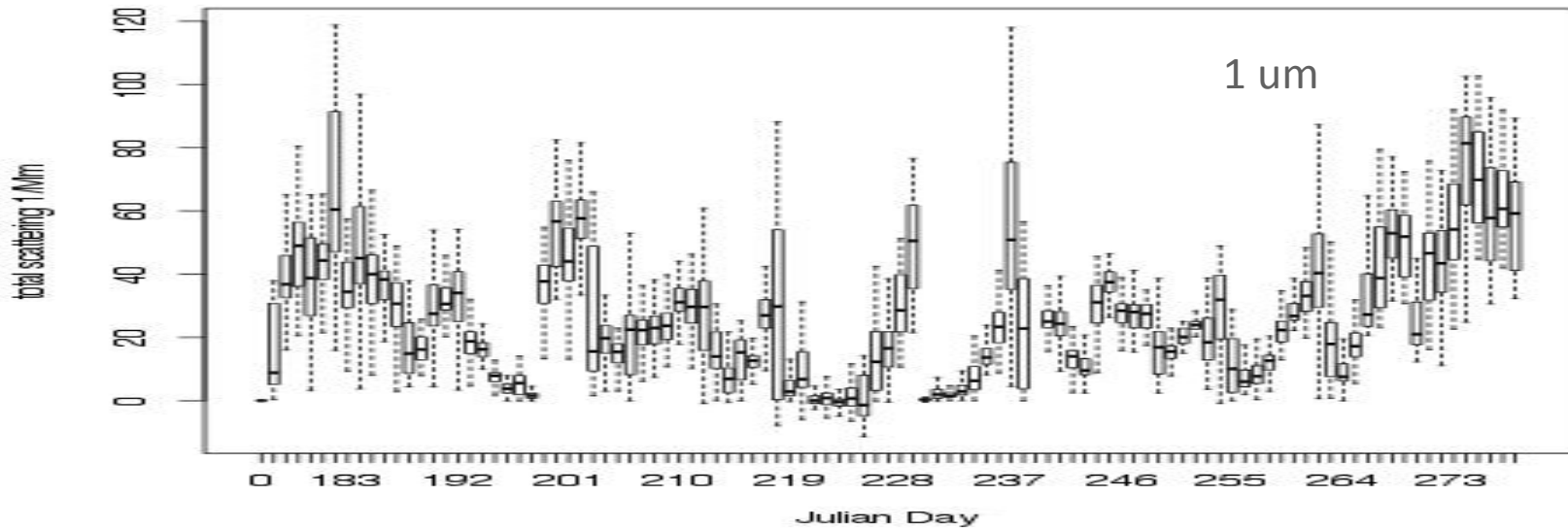
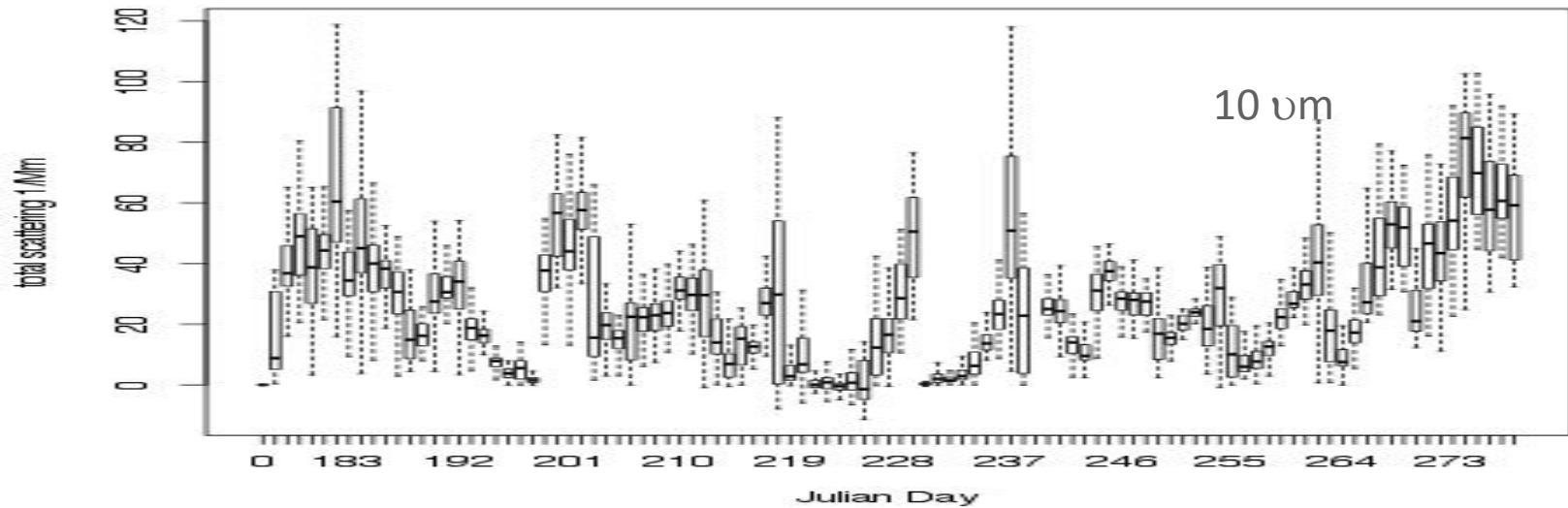
Red, Green and Blue Channels, 10um, PSAP



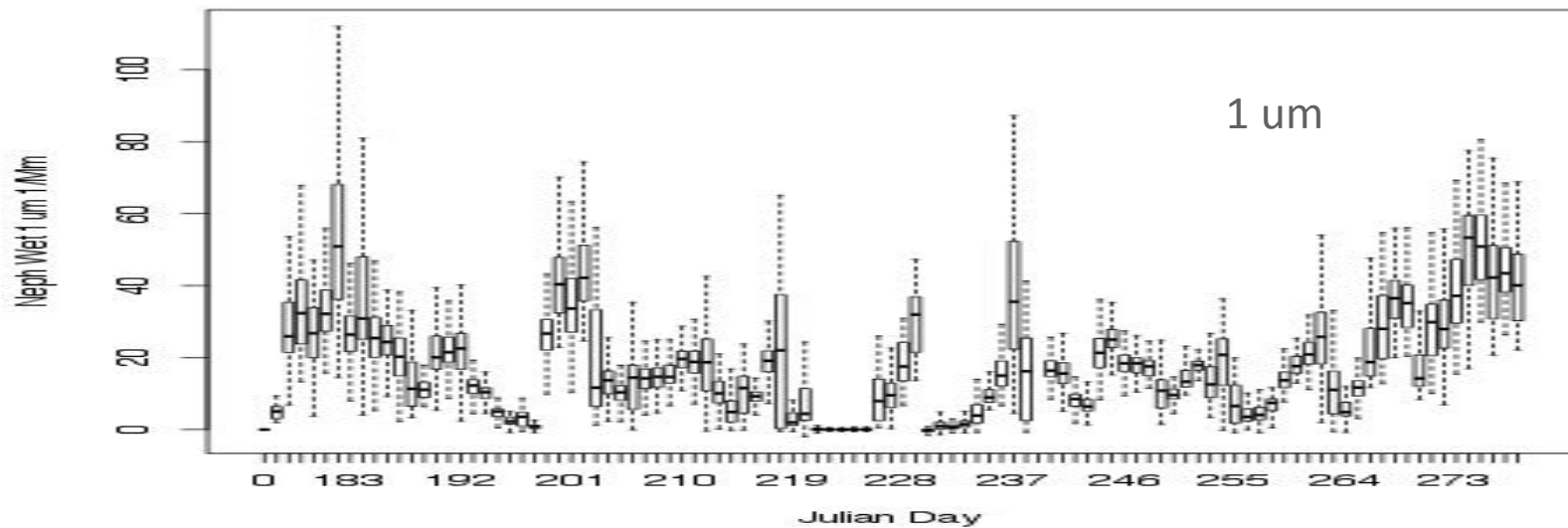
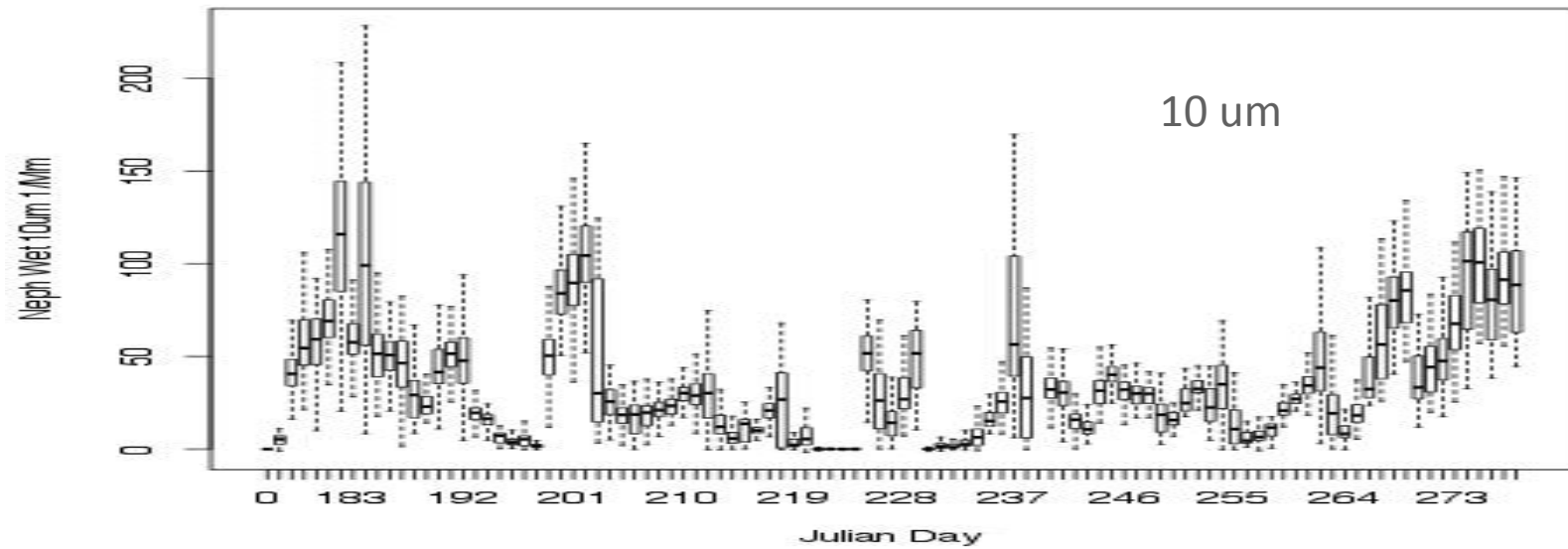
Red, Green and Blue Channels, 1um, PSAP



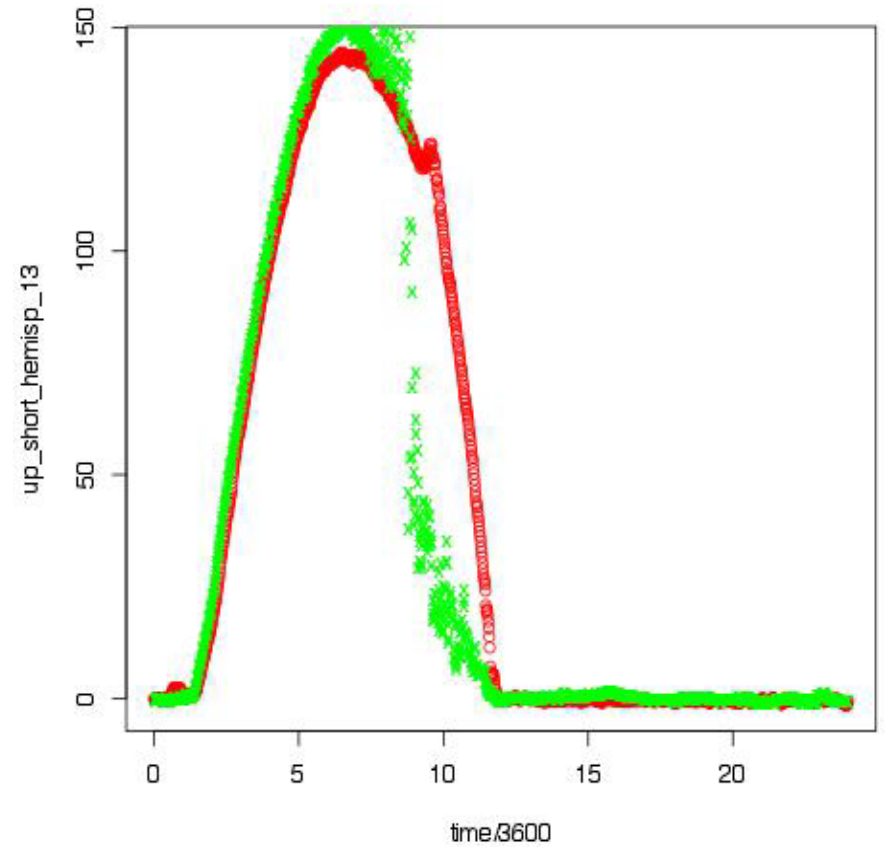
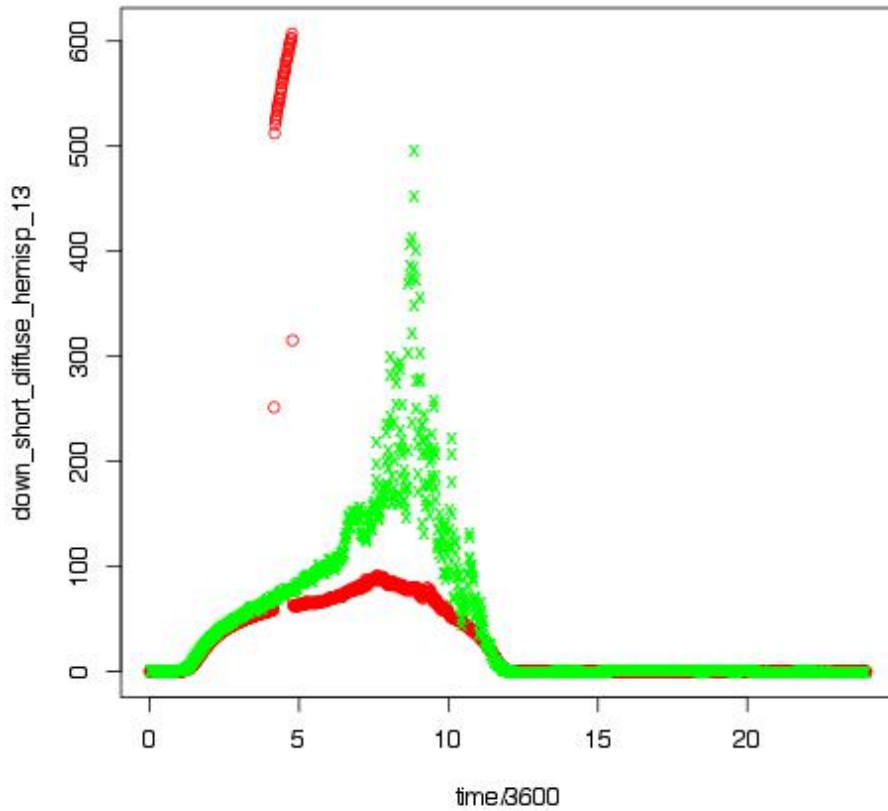
Nephelometer (Scattering- DRY)



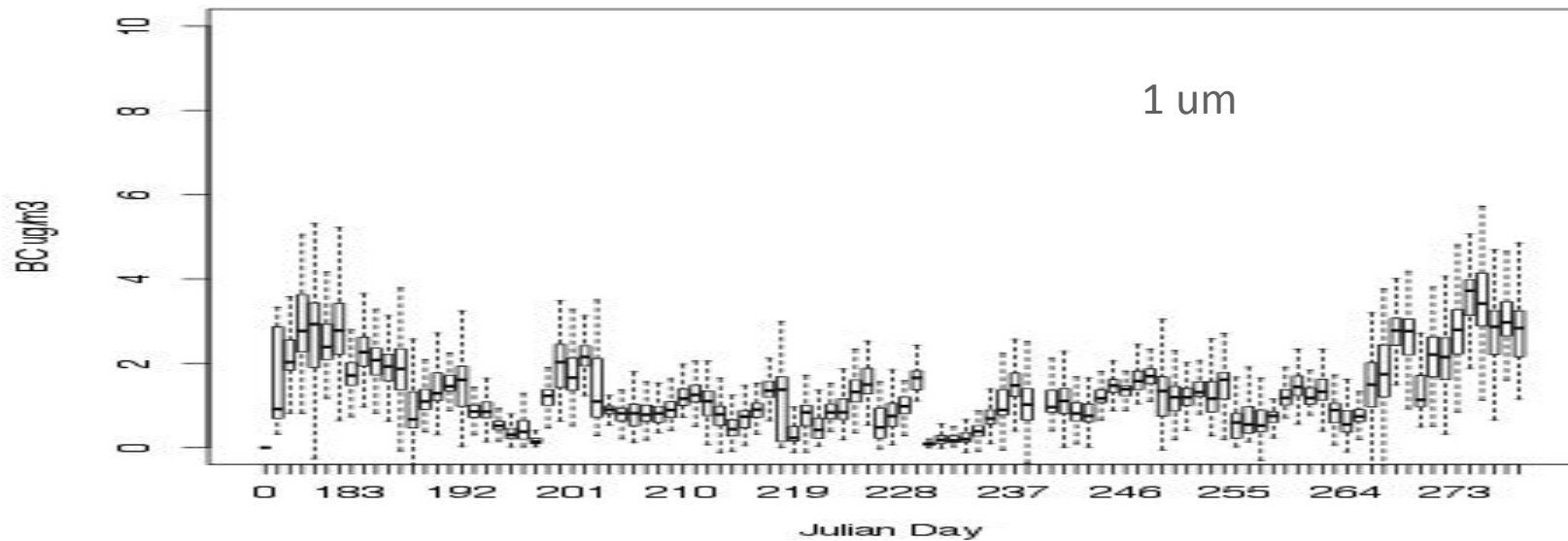
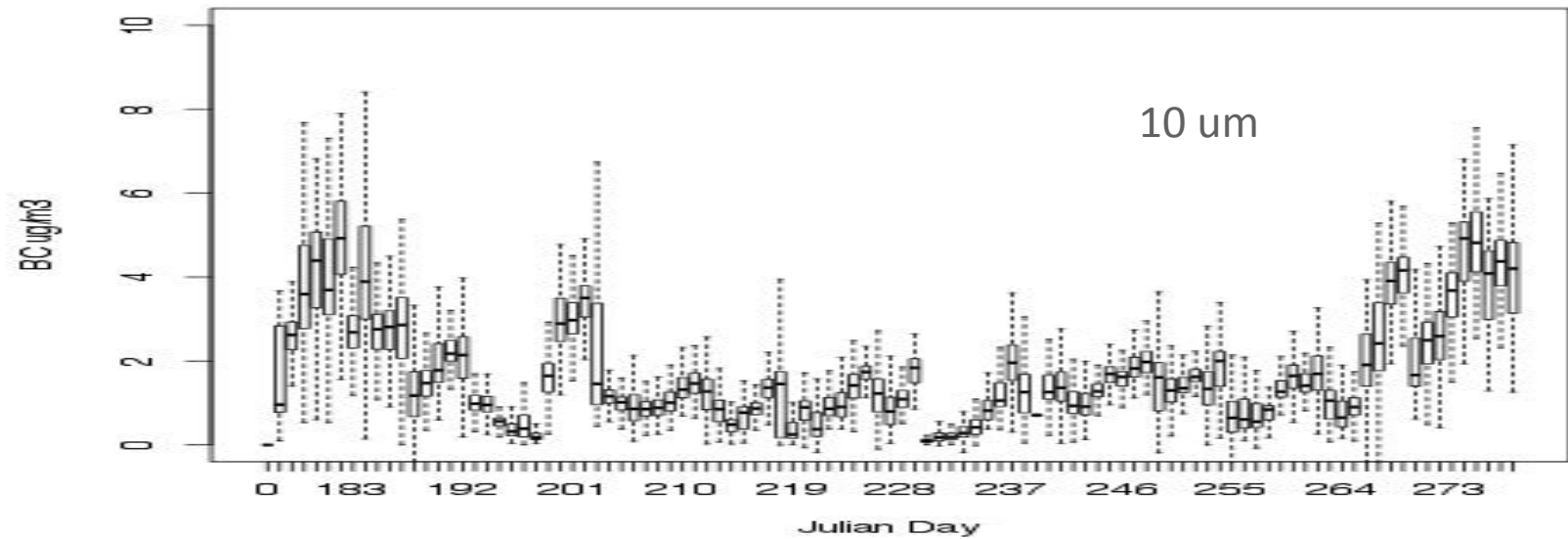
Nephelometer (Scattering - Wet)



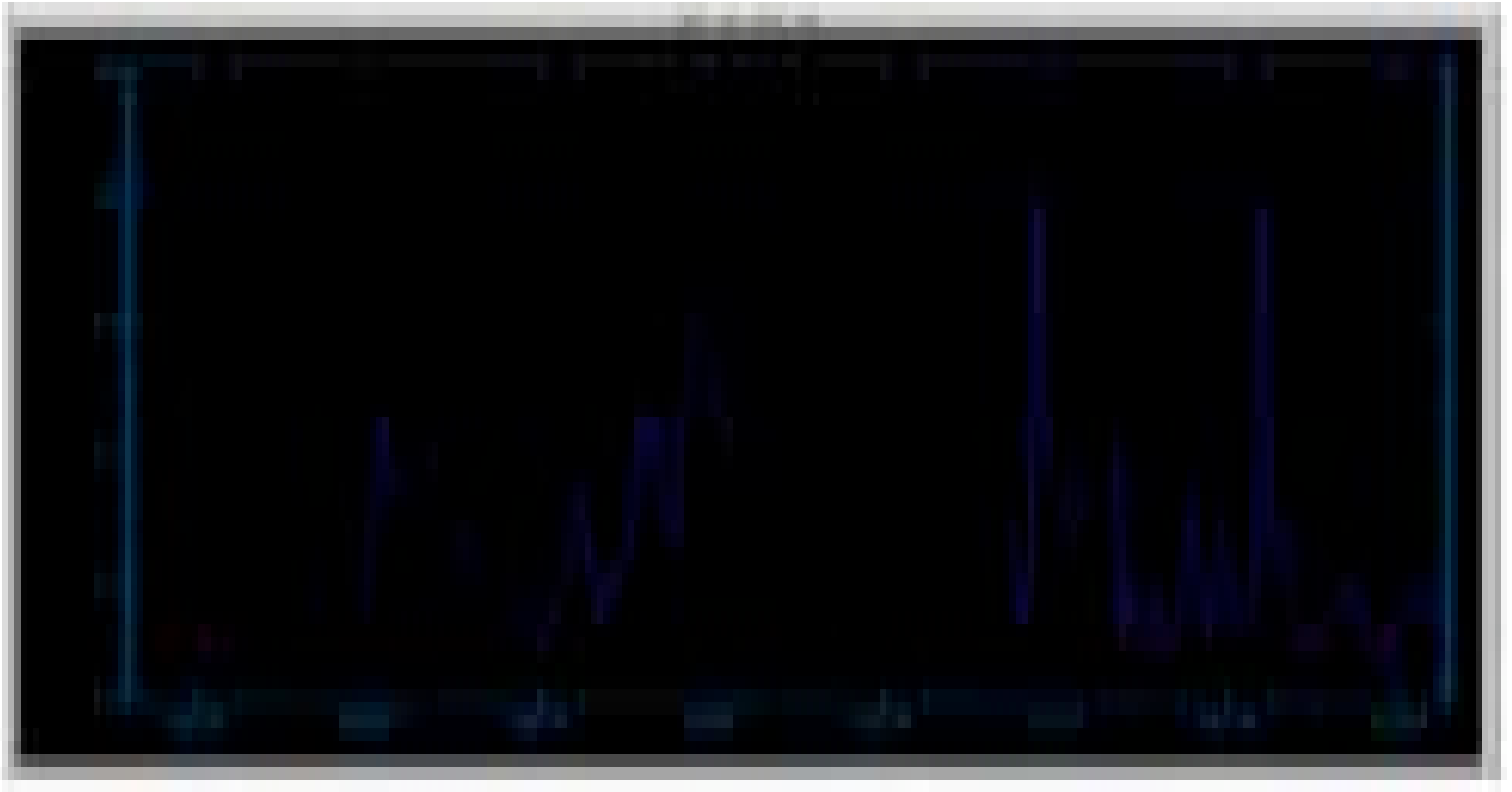
Shortwave diffuse (downwelling and upwelling)



Equivalent Carbon from PSAP

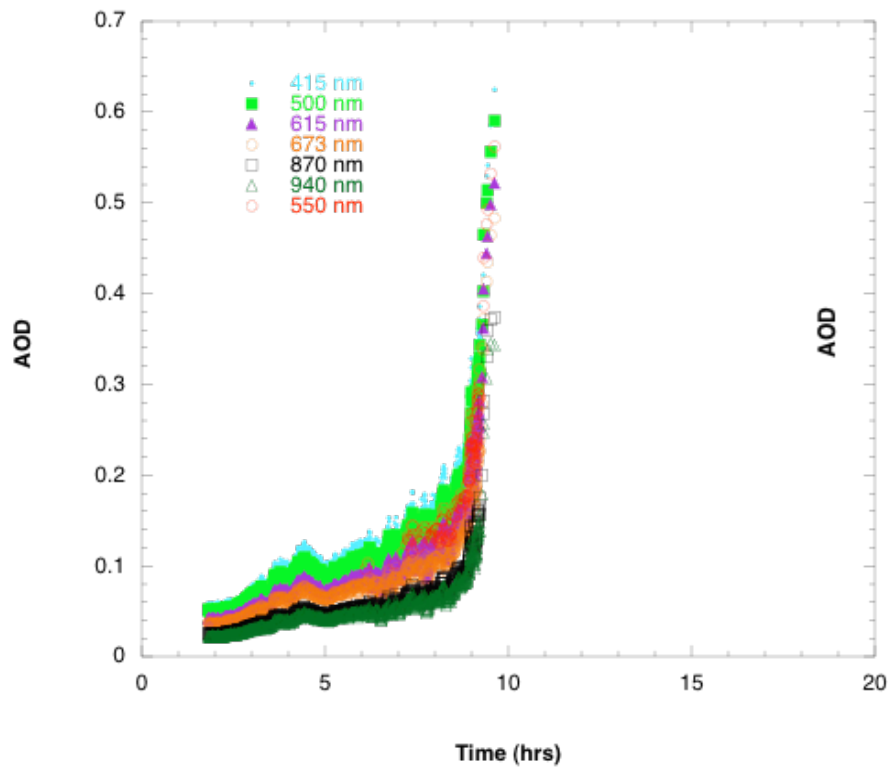


AOD (July - Dec)

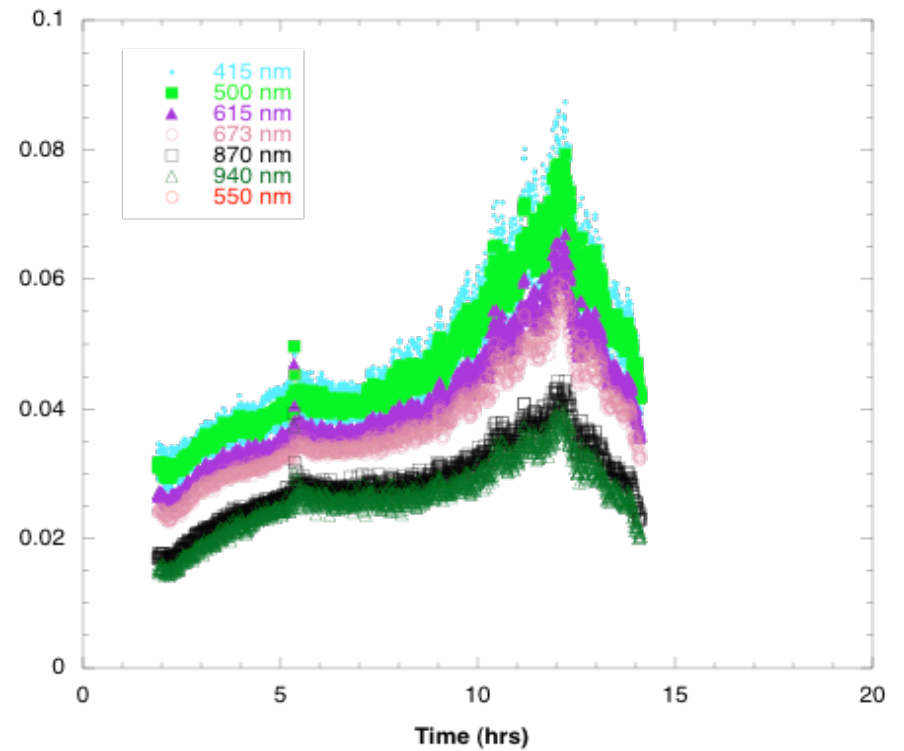


AOD from MFRSR

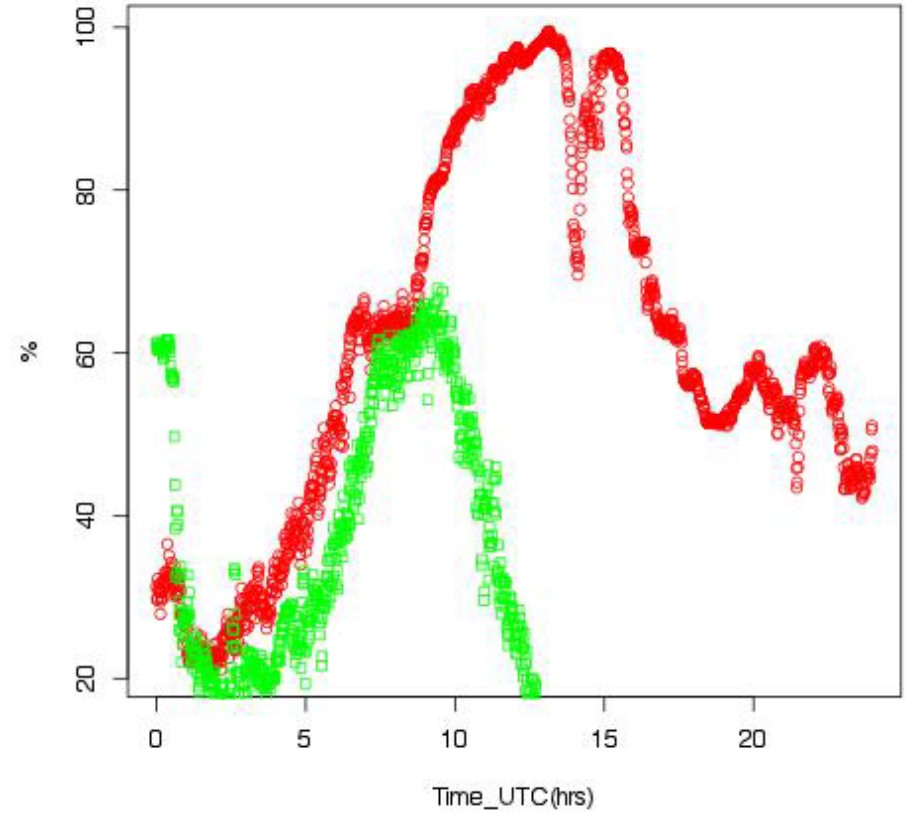
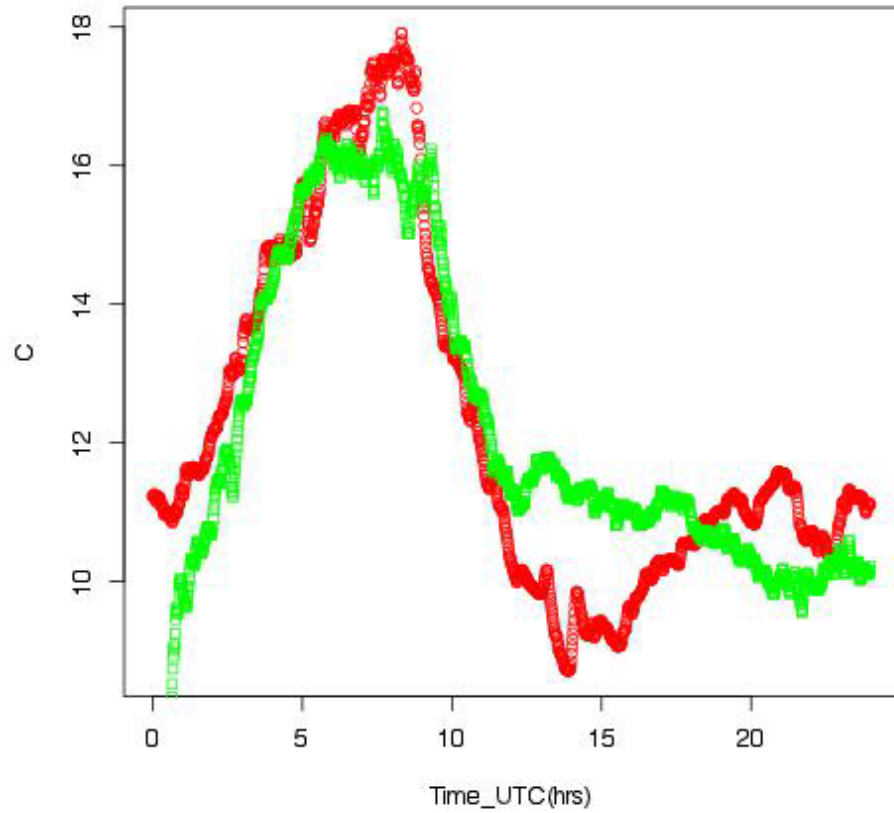
December 04, 2011



December 13, 2011



December 04 and 13 (temperature and RH)



Longwave (downwelling and upwelling)

