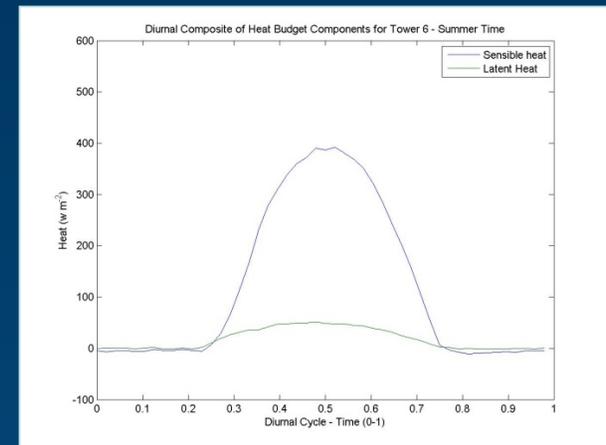
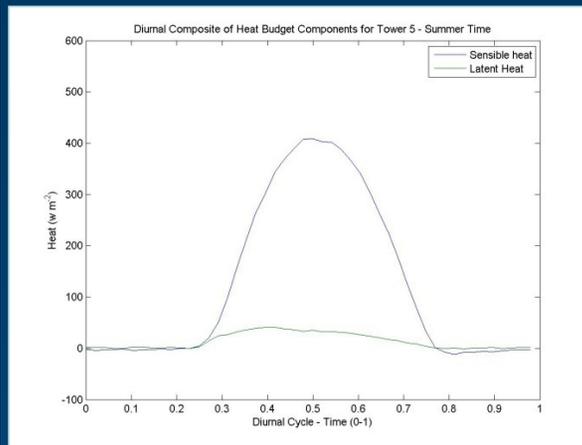
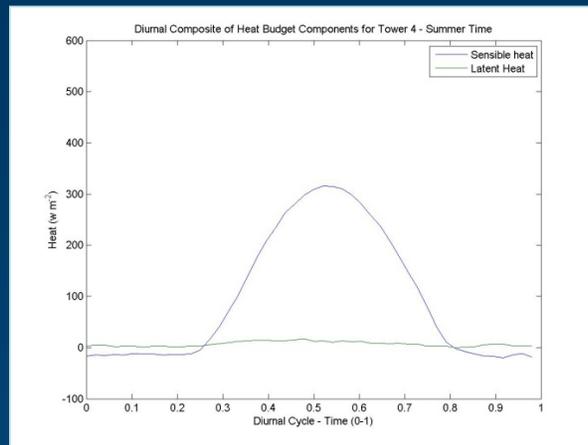
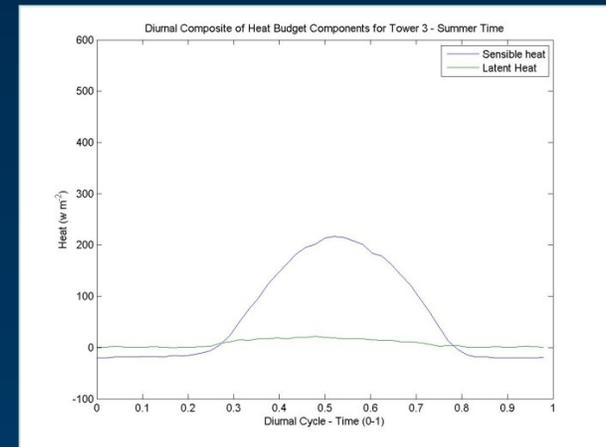
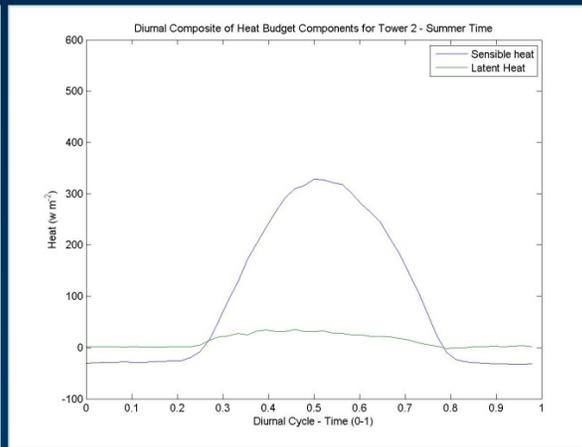
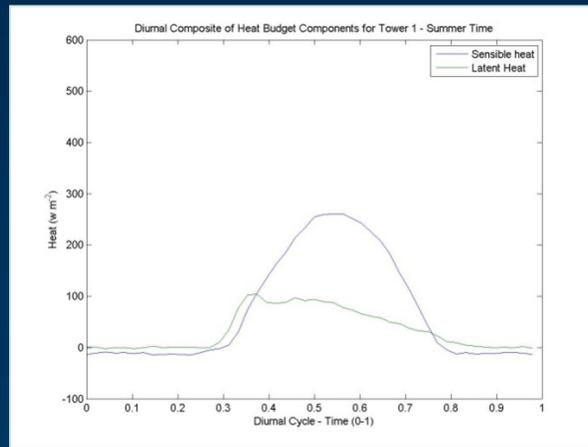
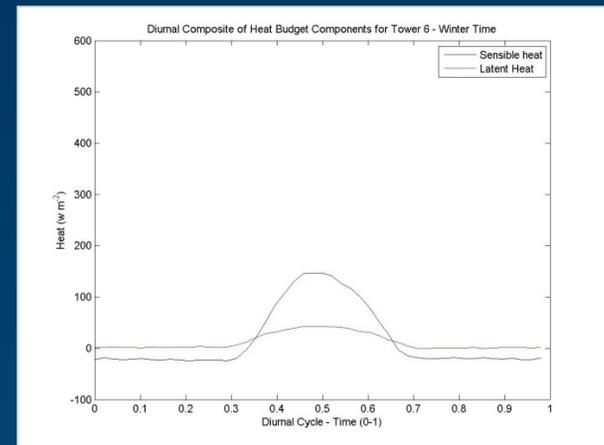
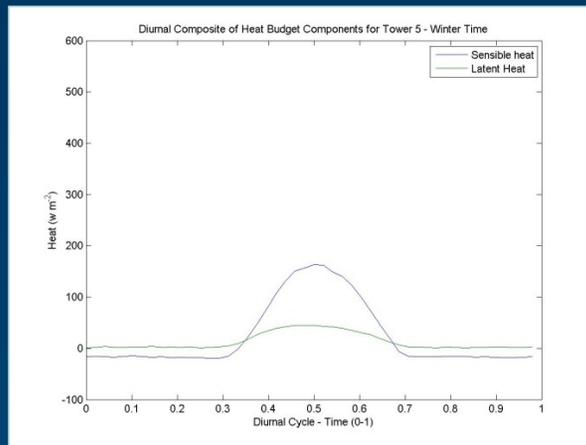
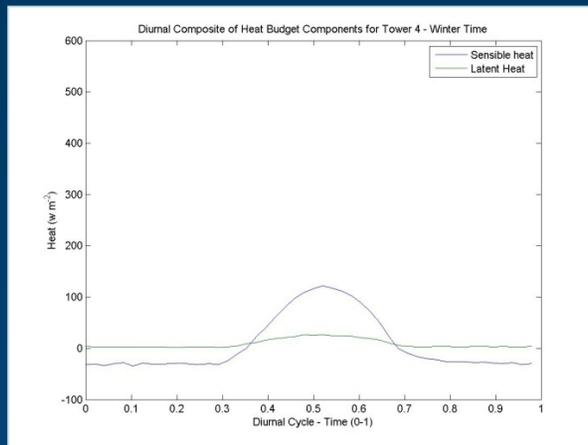
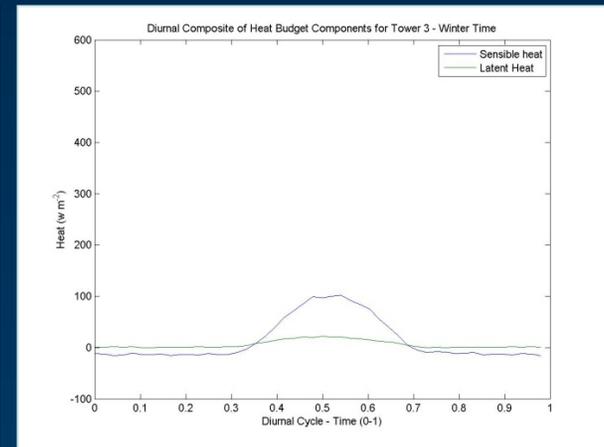
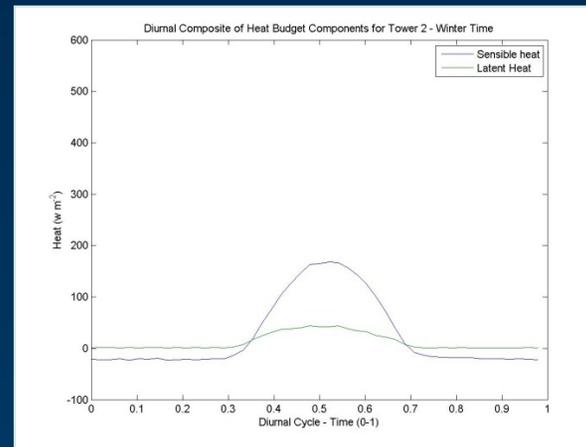
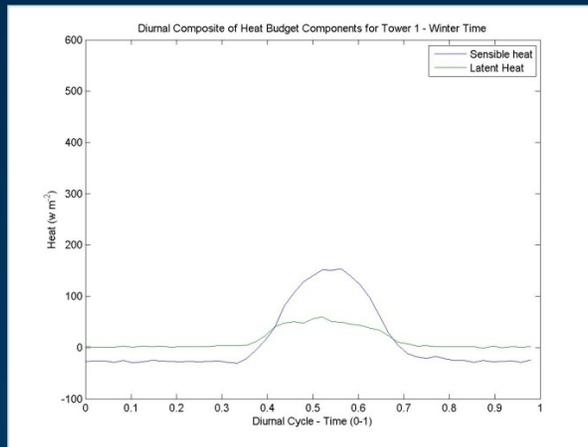


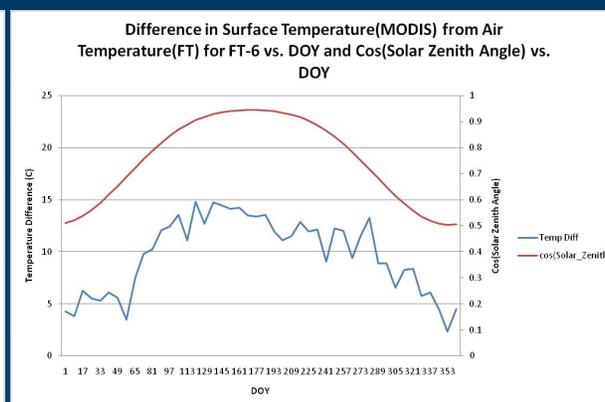
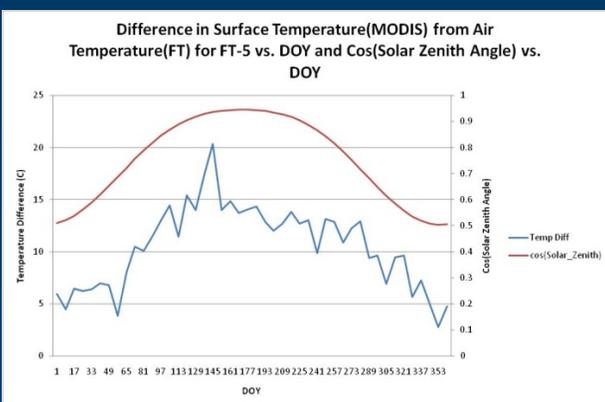
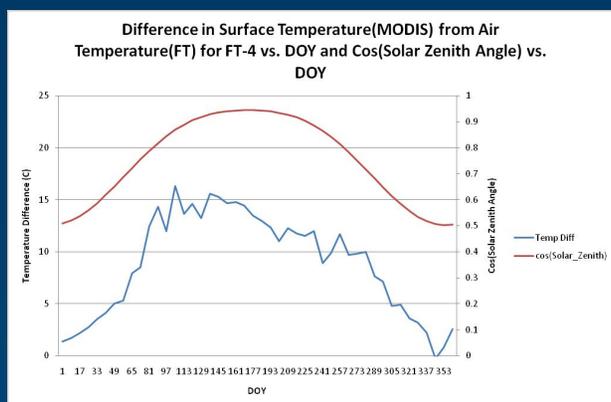
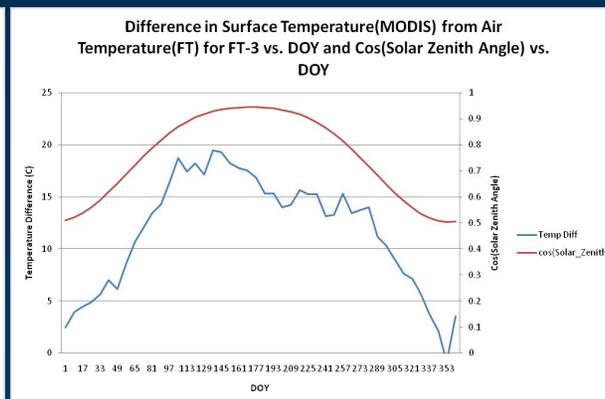
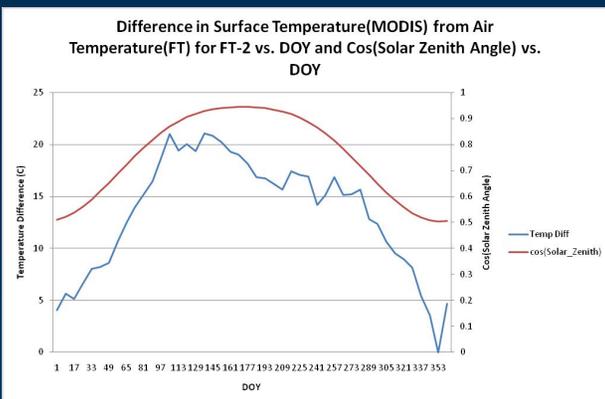
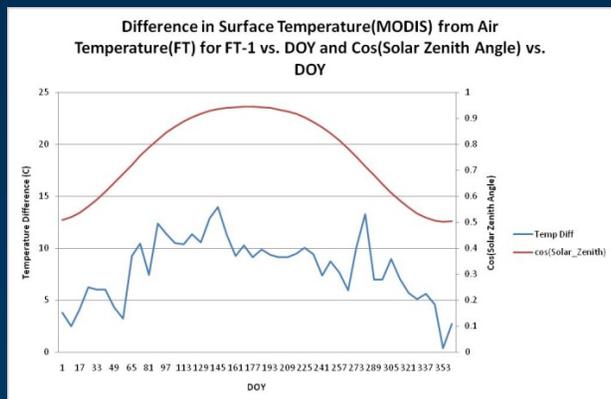
1. Diurnal Composites of Sensible and Latent Heat - Summer



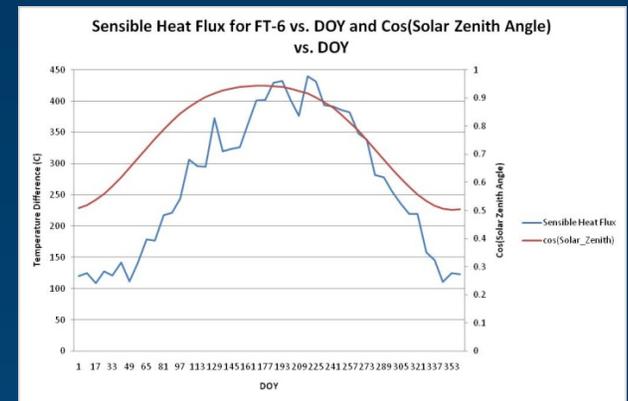
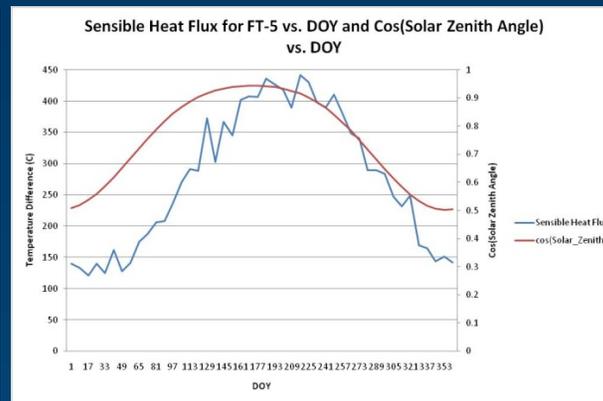
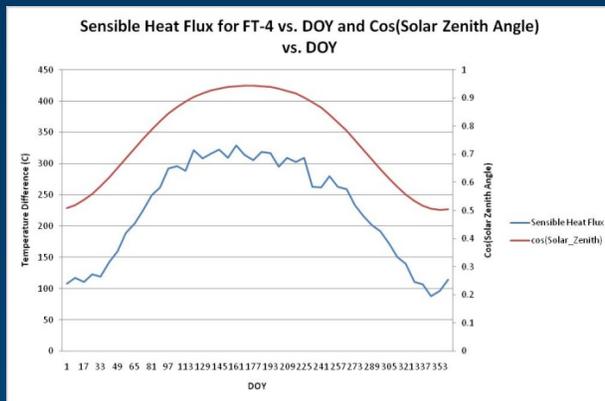
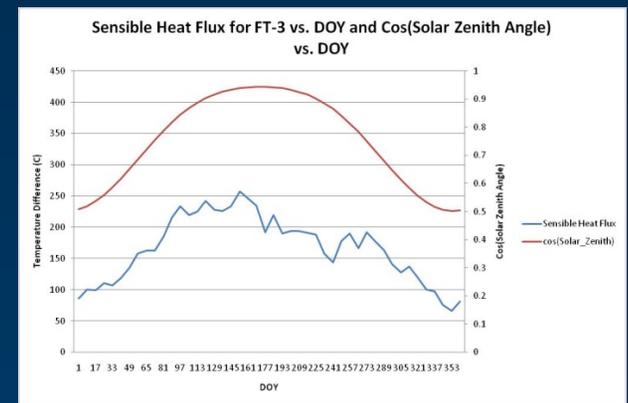
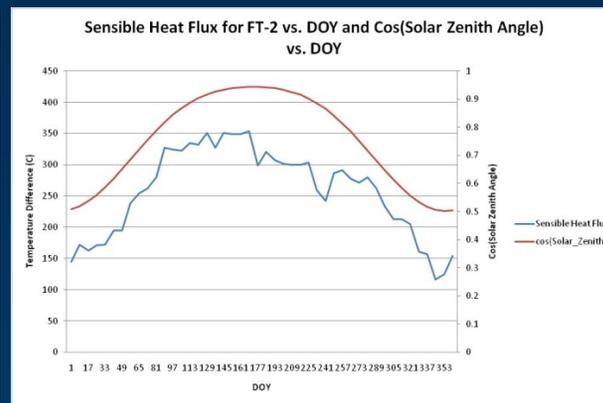
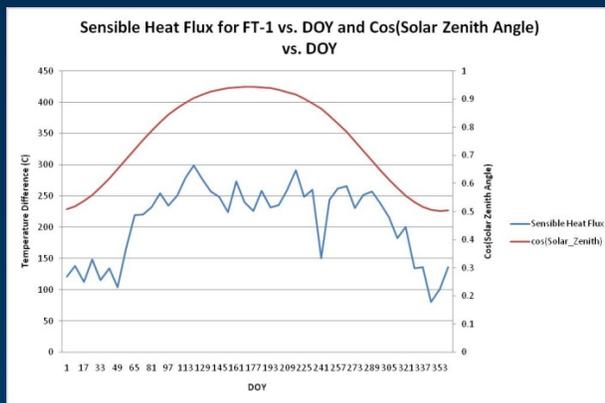
2. Diurnal Composites of Sensible and Latent Heat - Winter



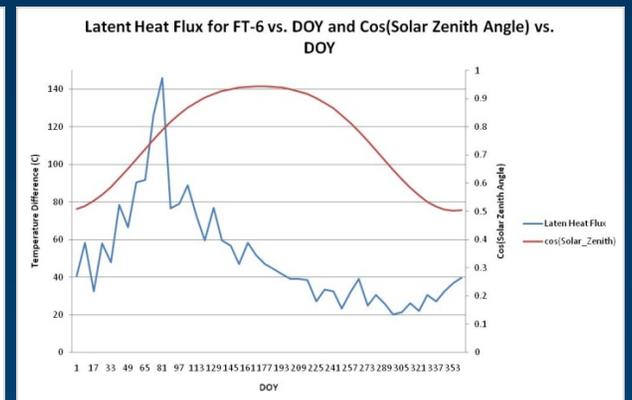
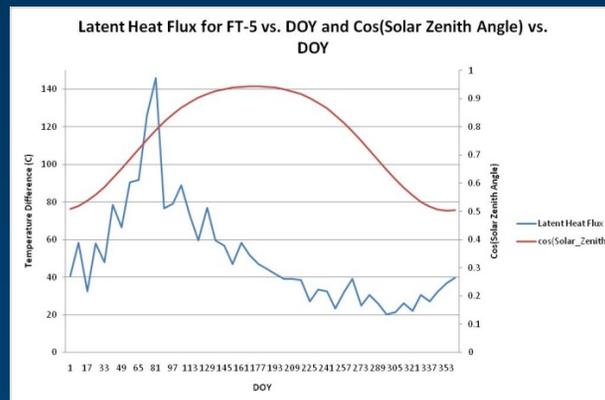
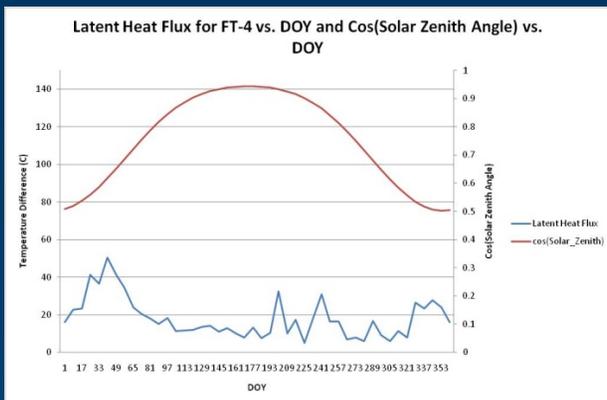
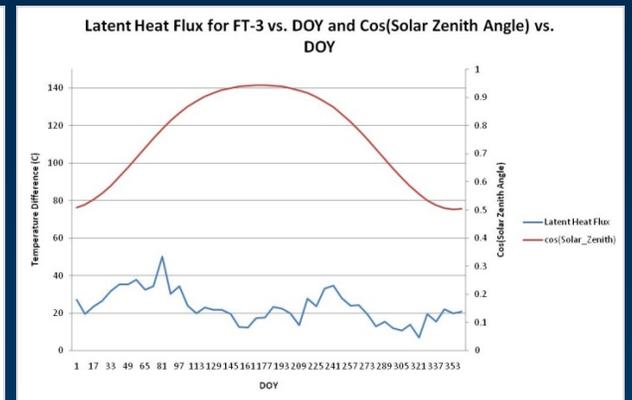
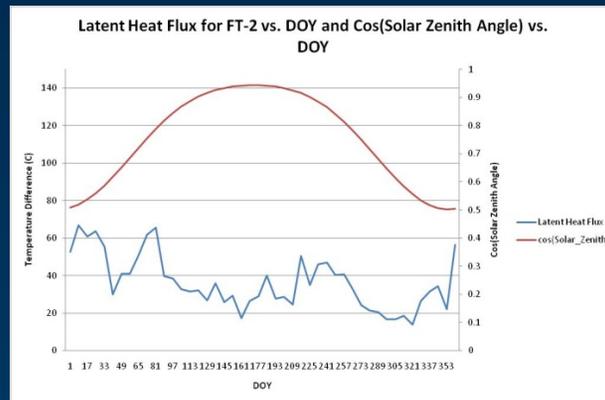
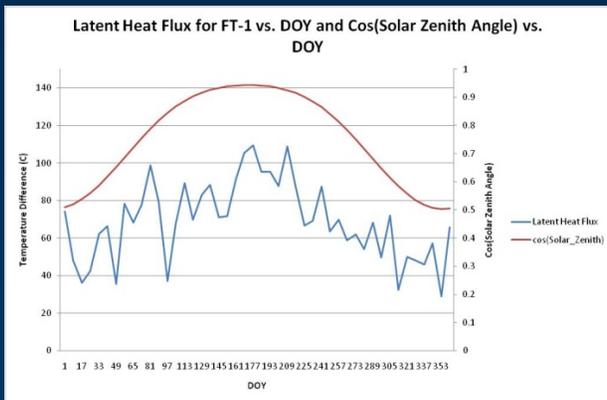
3. Annual Composite of Surface Temperature(MODIS) to Air Temperature(FT)



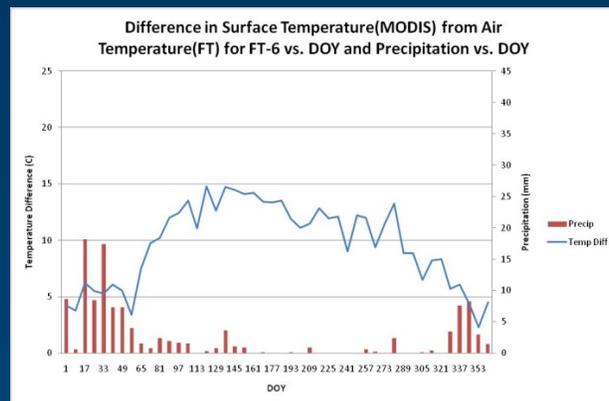
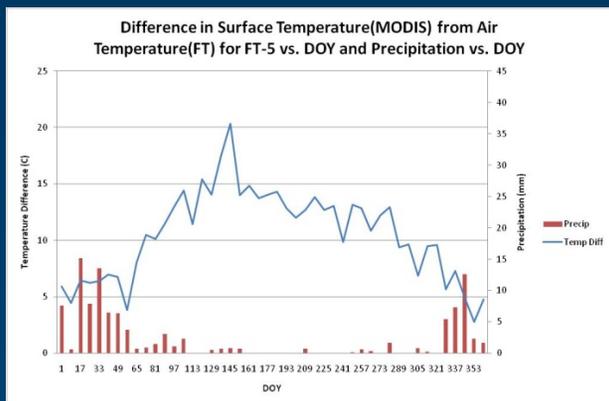
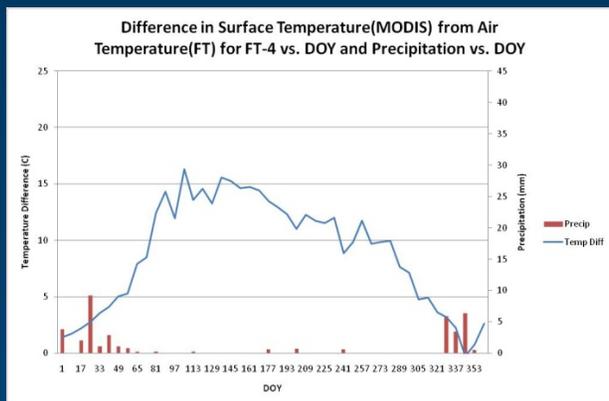
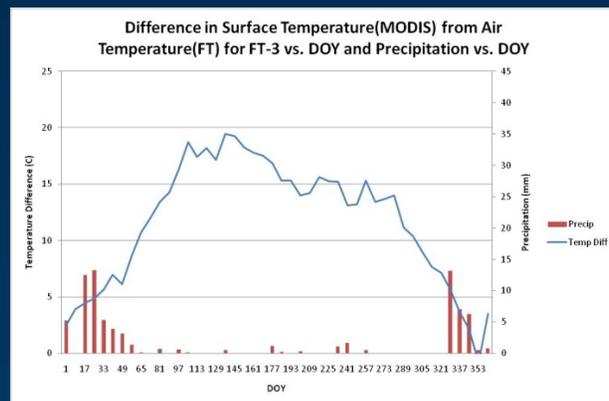
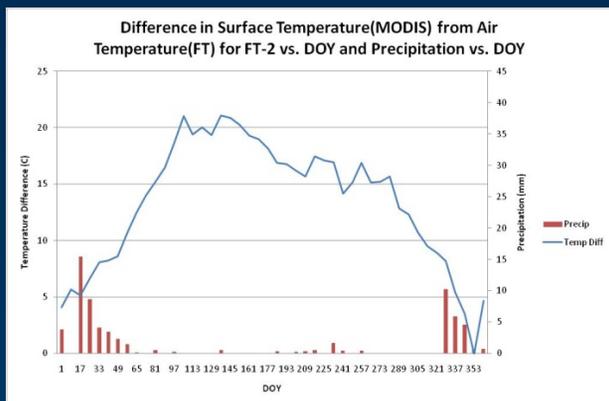
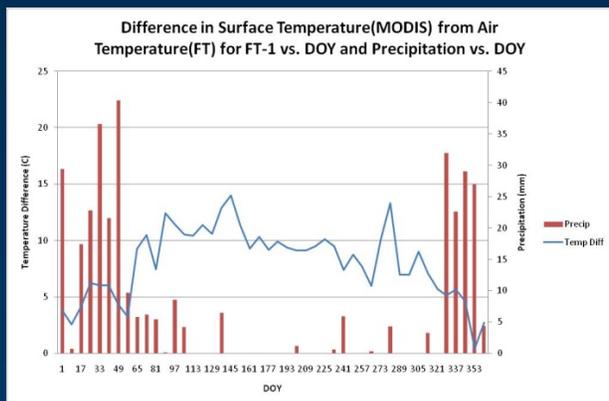
4. Annual Composites of Sensible Heat



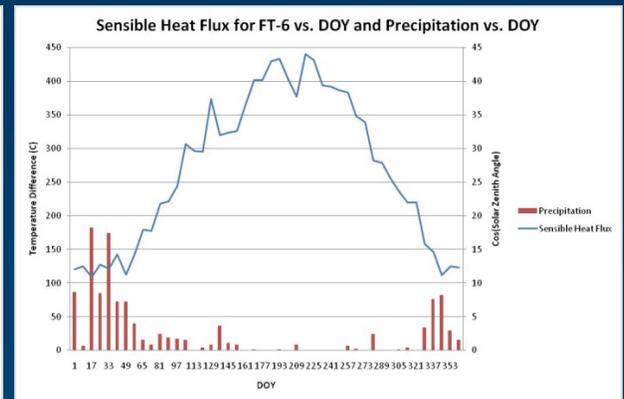
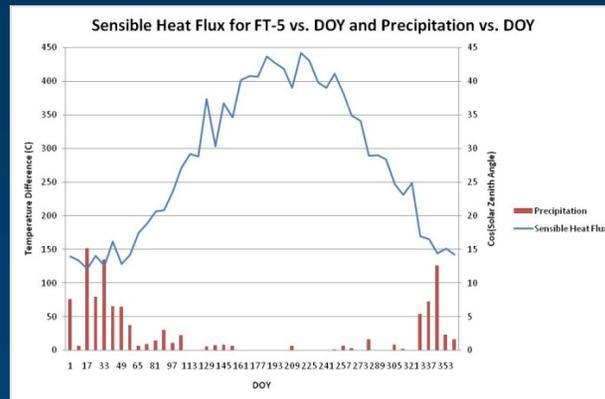
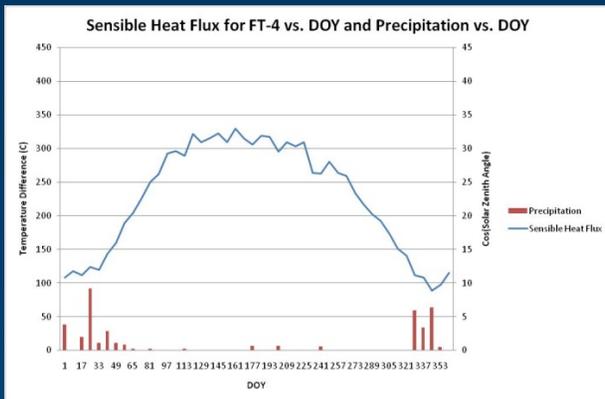
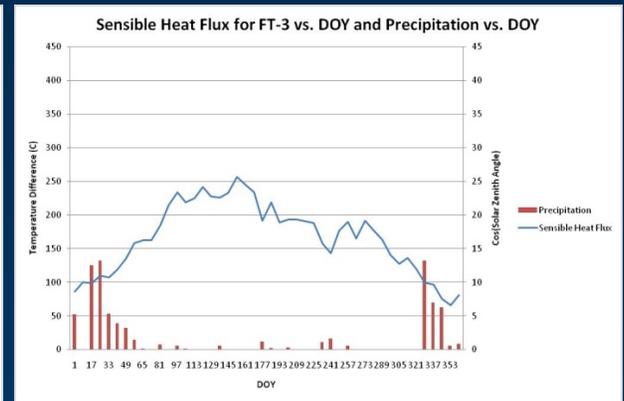
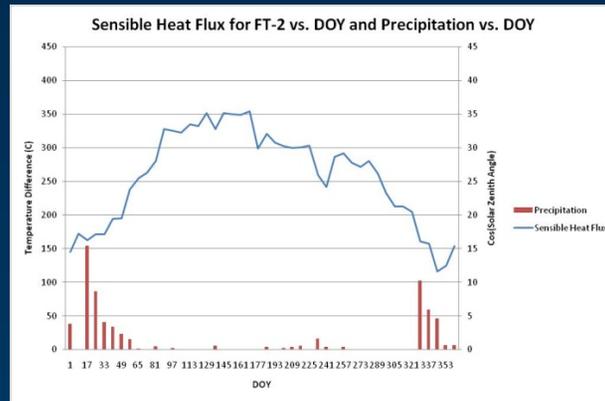
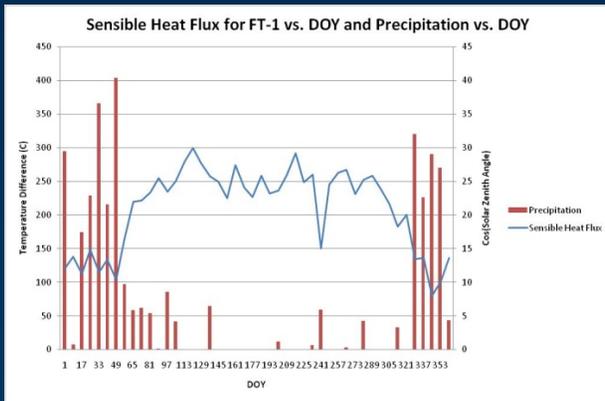
5. Annual Composites of Latent Heat



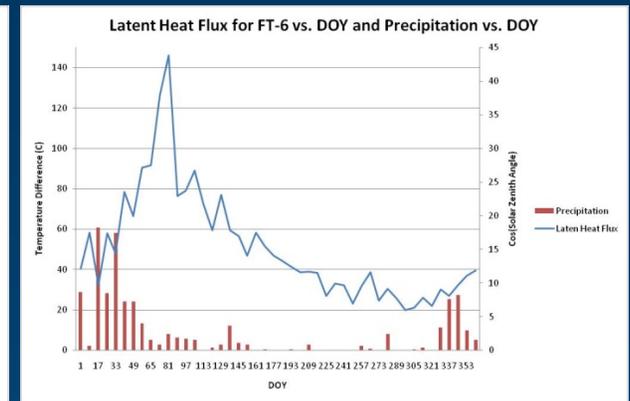
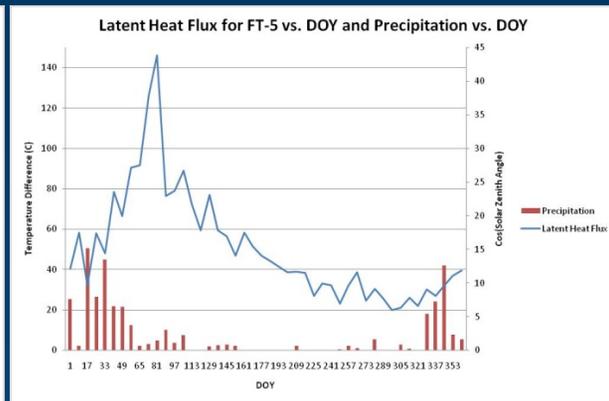
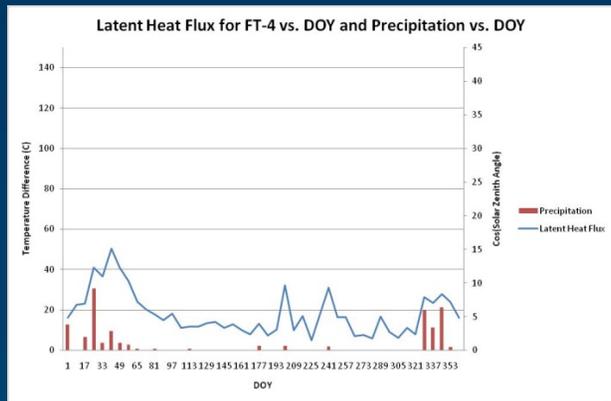
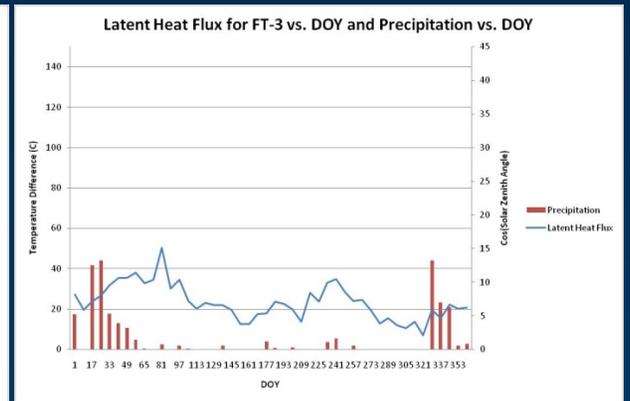
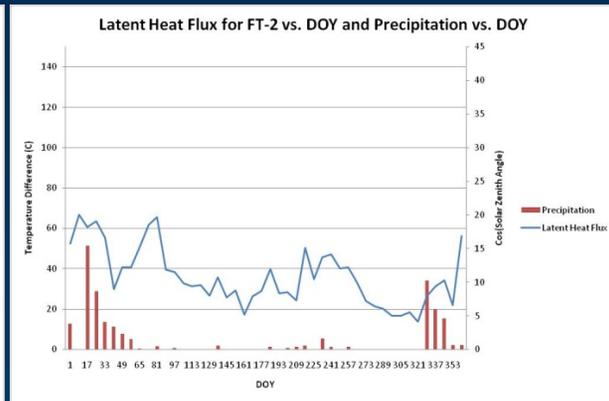
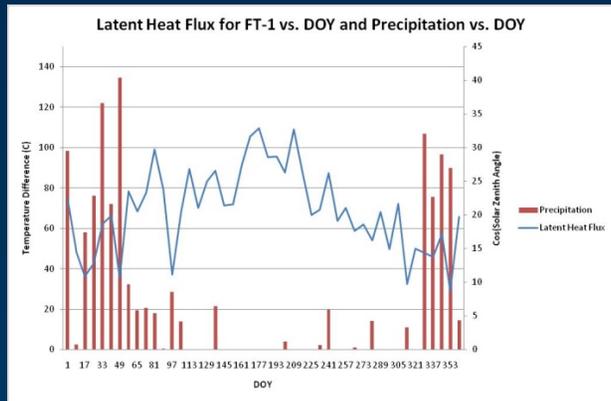
6. Annual Composite of Surface Temperature(MODIS) to Air Temperature(FT) – Precipitation



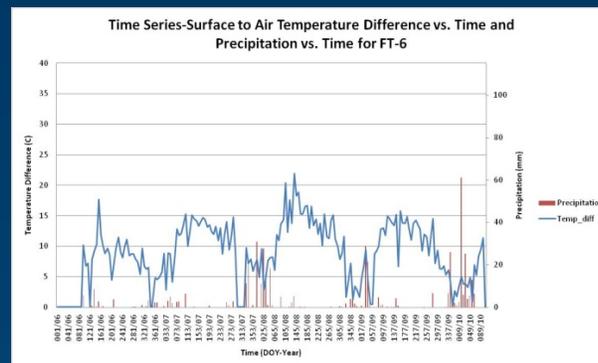
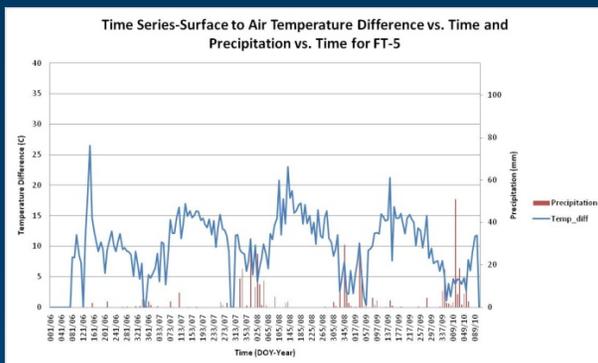
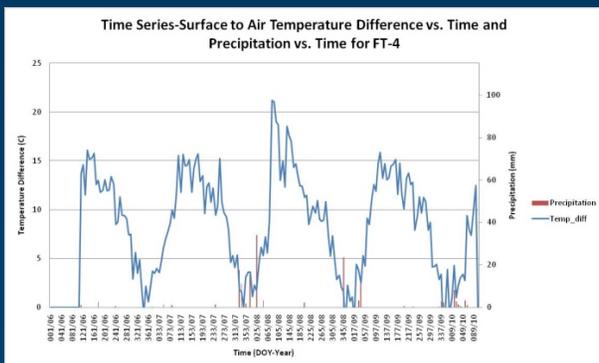
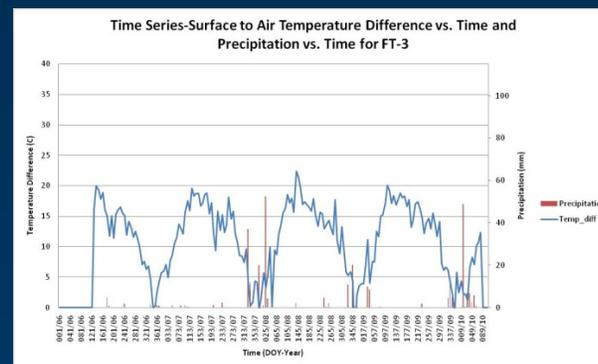
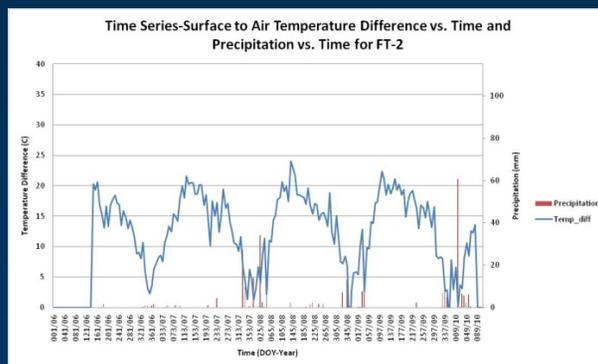
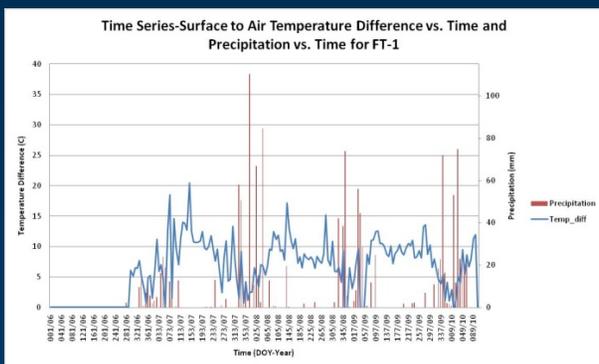
7. Annual Composites of Sensible Heat - Precipitation



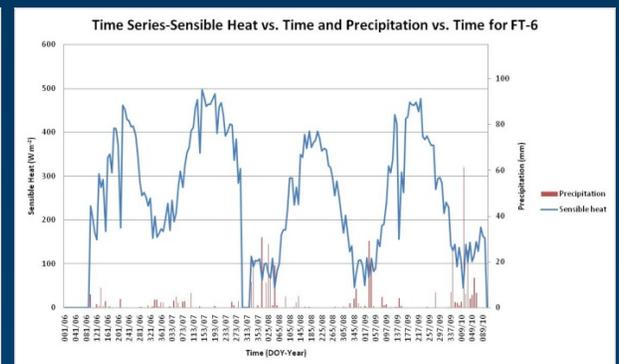
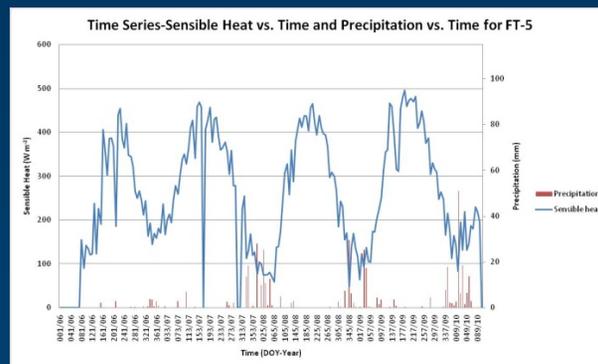
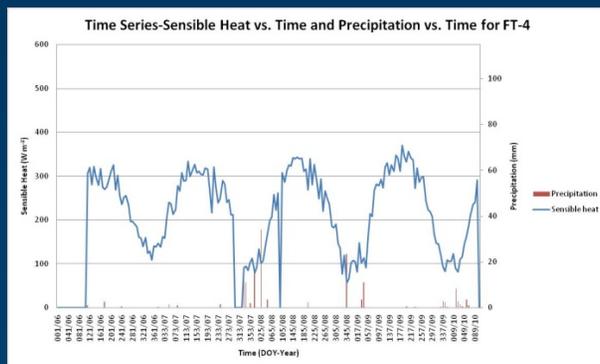
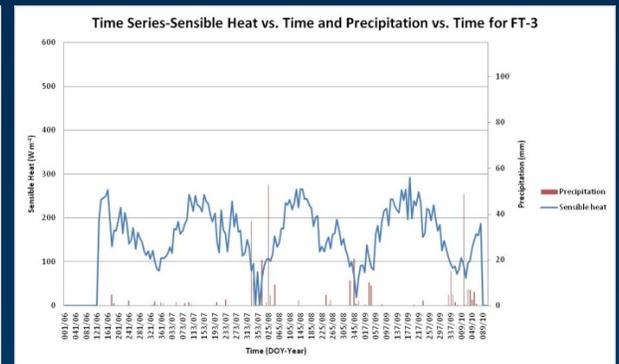
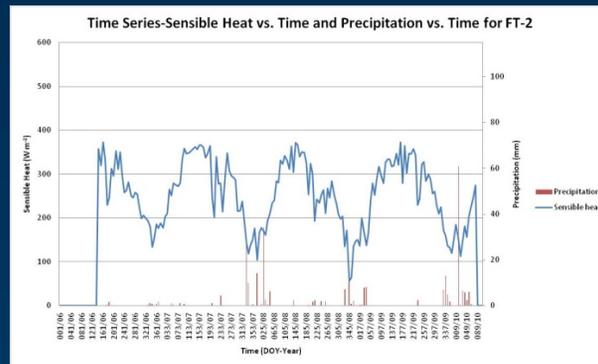
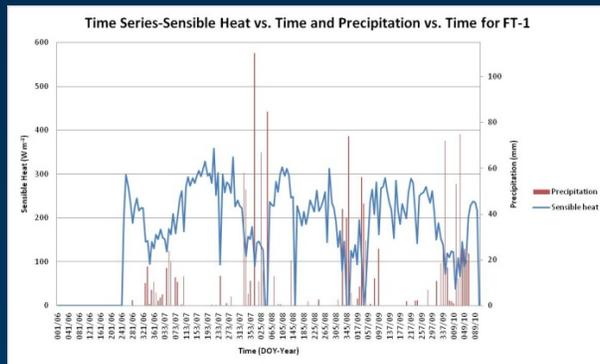
8. Annual Composites of Latent Heat - Precipitation



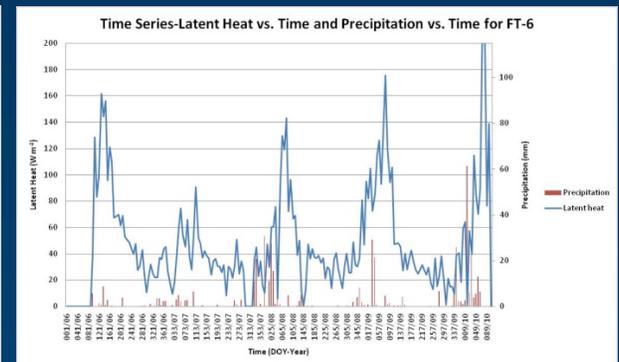
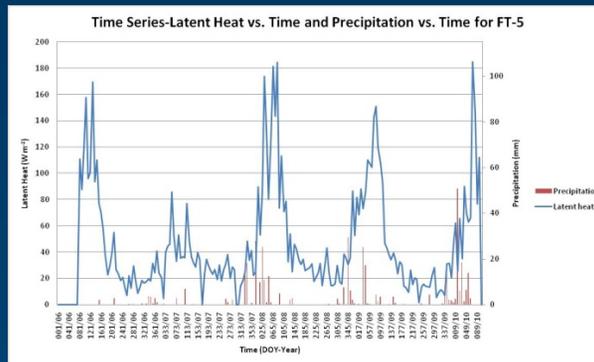
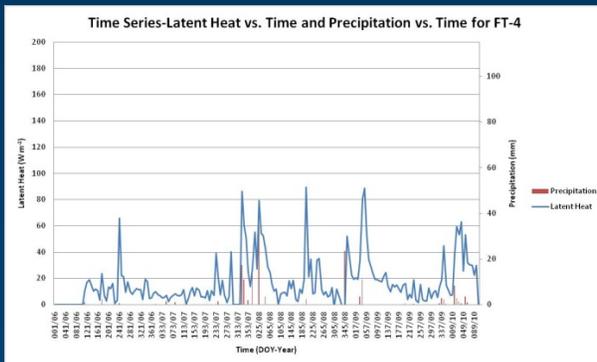
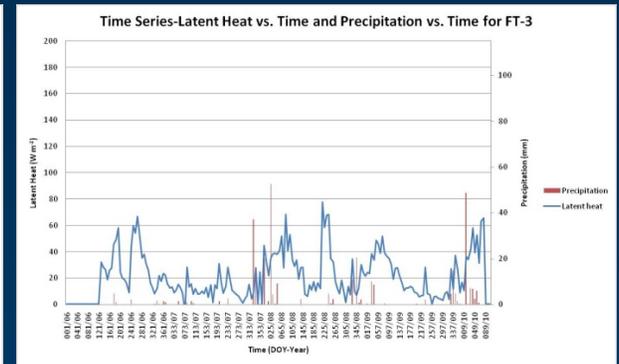
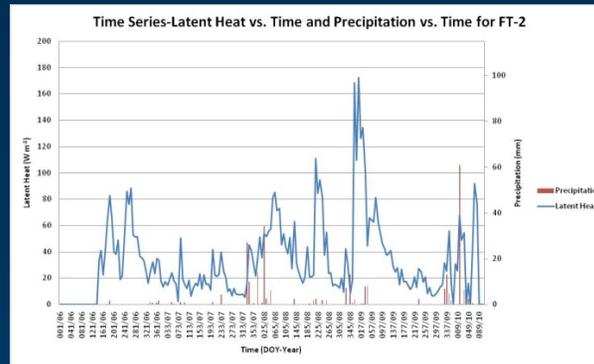
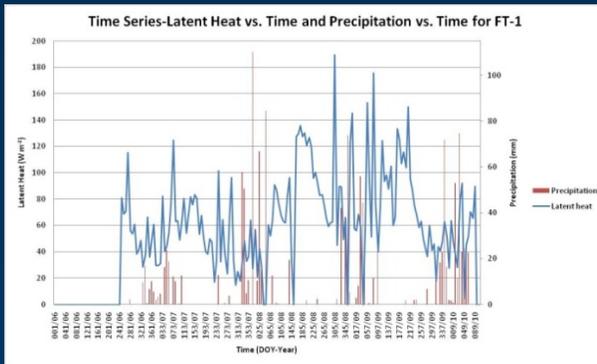
9. Inter-Annual – Profile of Surface Temperature (MODIS) to Air Temperature(FT)



10. Inter-Annual – Profile of Sensible Heat with Precipitation



11. Inter-Annual – Profile of Latent Heat with Precipitation



12. Conclusions – End of Study

- Quality of measurements from FT's are of high quality. Several different tests and analysis methods showed physical results
- Correlations between FT to MODIS measurements found a strong site dependency. It is speculated that vegetation differences, and vegetation response to climate stresses are the main driving factor in determining correlations
 - Initial results show that for some instances, areas of dense vegetation, show a seasonal dependency when it comes to correlations
 - Using these results it was also found that there is no real mathematical difference between white sky to black sky albedo, in the context of these studies
- Studies into the behavior of surface albedo found that, for all FT sites, albedo did not correlate well with precipitation events.
 - It is speculated that characterizing changes to surface albedo simply through precipitation and to some degree land-cover type is not adequate.
- It should be actively explored how results from this study could be incorporated into the evaluation and development of the MODIS sensor