



# Land Cover

Year: 2002

Site: TAPA (Santarem, Brazil)

Biome: Tropical Moist Forest



Evergreen  
Broadleaf Forest



1 km

WGS84 - UTM 21S





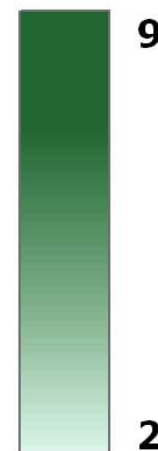
# Leaf Area Index

Year: 2002

Site: TAPA (Santarem, Brazil)

Biome: Tropical Moist Forest

$m^{-2}$   $m^{-2}$



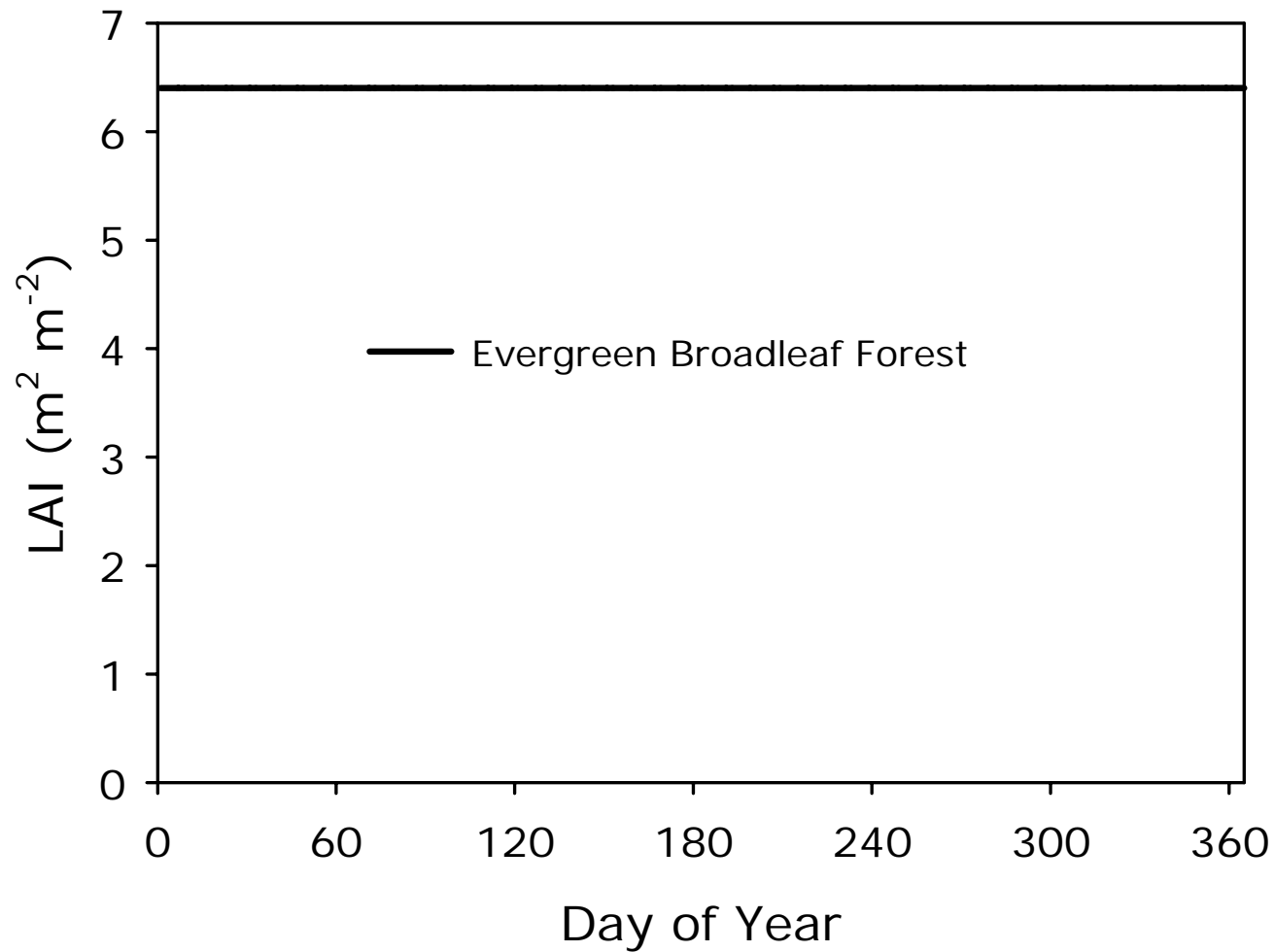
1 km

WGS84 - UTM 21S



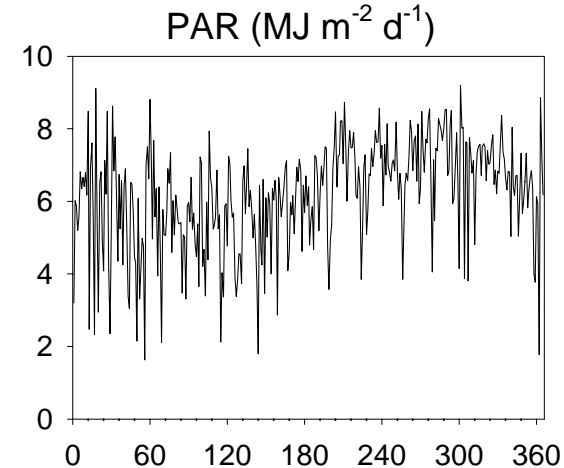
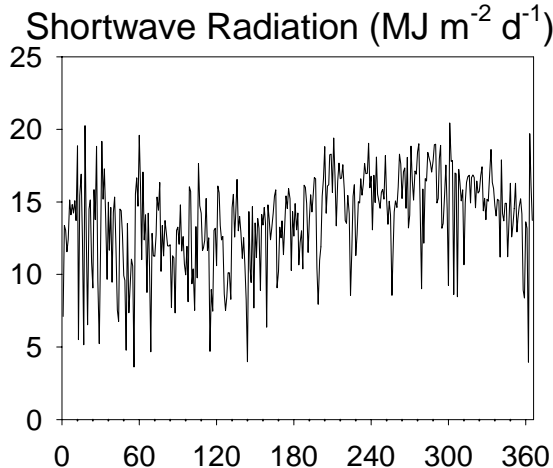
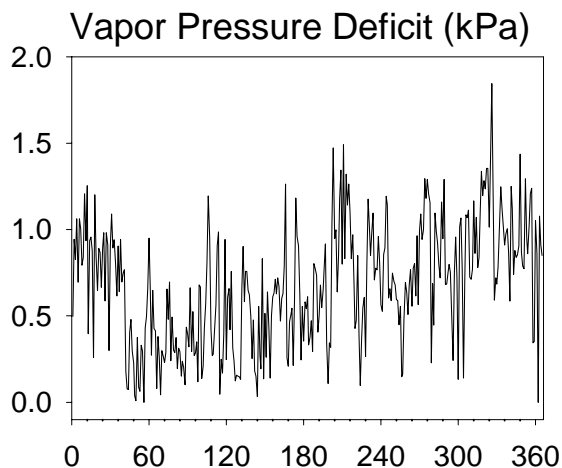
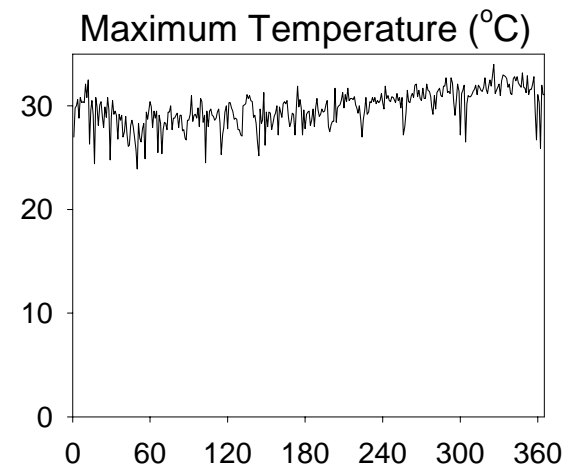
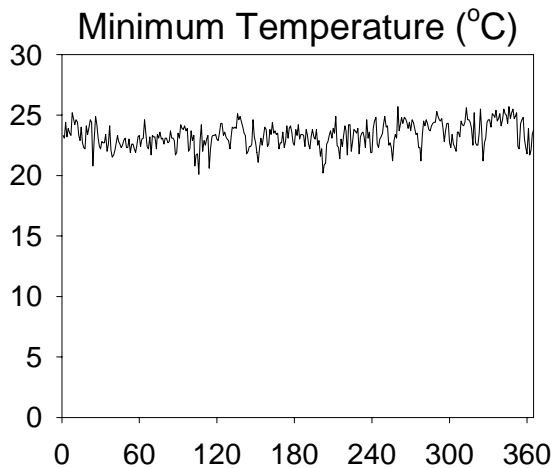
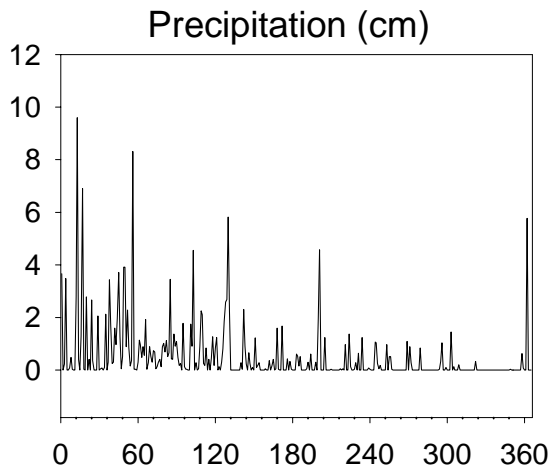
**BigFoot**  
**LAI Seasonal Trajectory**  
**Evergreen Broadleaf Forest**

**Year: 2004**  
**Site: TAPA (Santarem, Brazil)**  
**Biome: Tropical Moist Forest**



# BigFoot Meteorological Inputs

Year: 2004  
Site: TAPA (Santarem, Brazil)  
Biome: Tropical Moist Forest



Day of Year

Day of Year

Day of Year





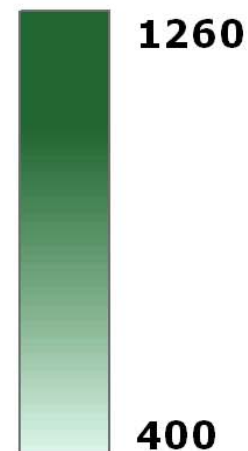
# Net Primary Production

Year: 2004

Site: TAPA (Santarem, Brazil)

Biome: Tropical Moist Forest

$\text{gC m}^{-2} \text{yr}^{-1}$



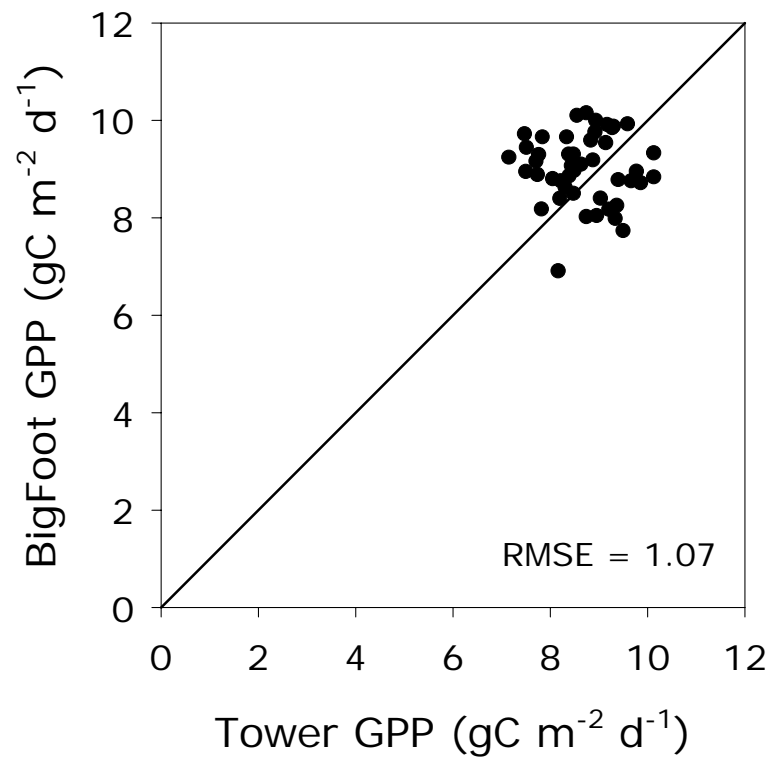
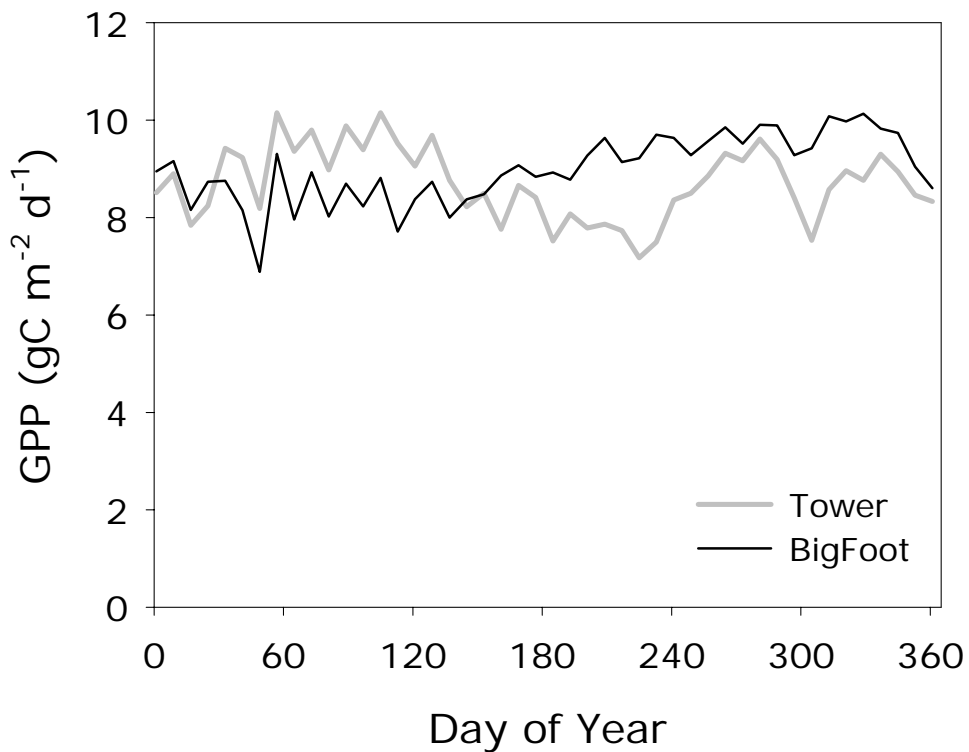
1 km  
WGS84 - UTM 21S



[www.fsl.orst.edu/larse/bigfoot](http://www.fsl.orst.edu/larse/bigfoot)

**BigFoot**  
**GPP Comparison**  
**BigFoot vs. Tower**

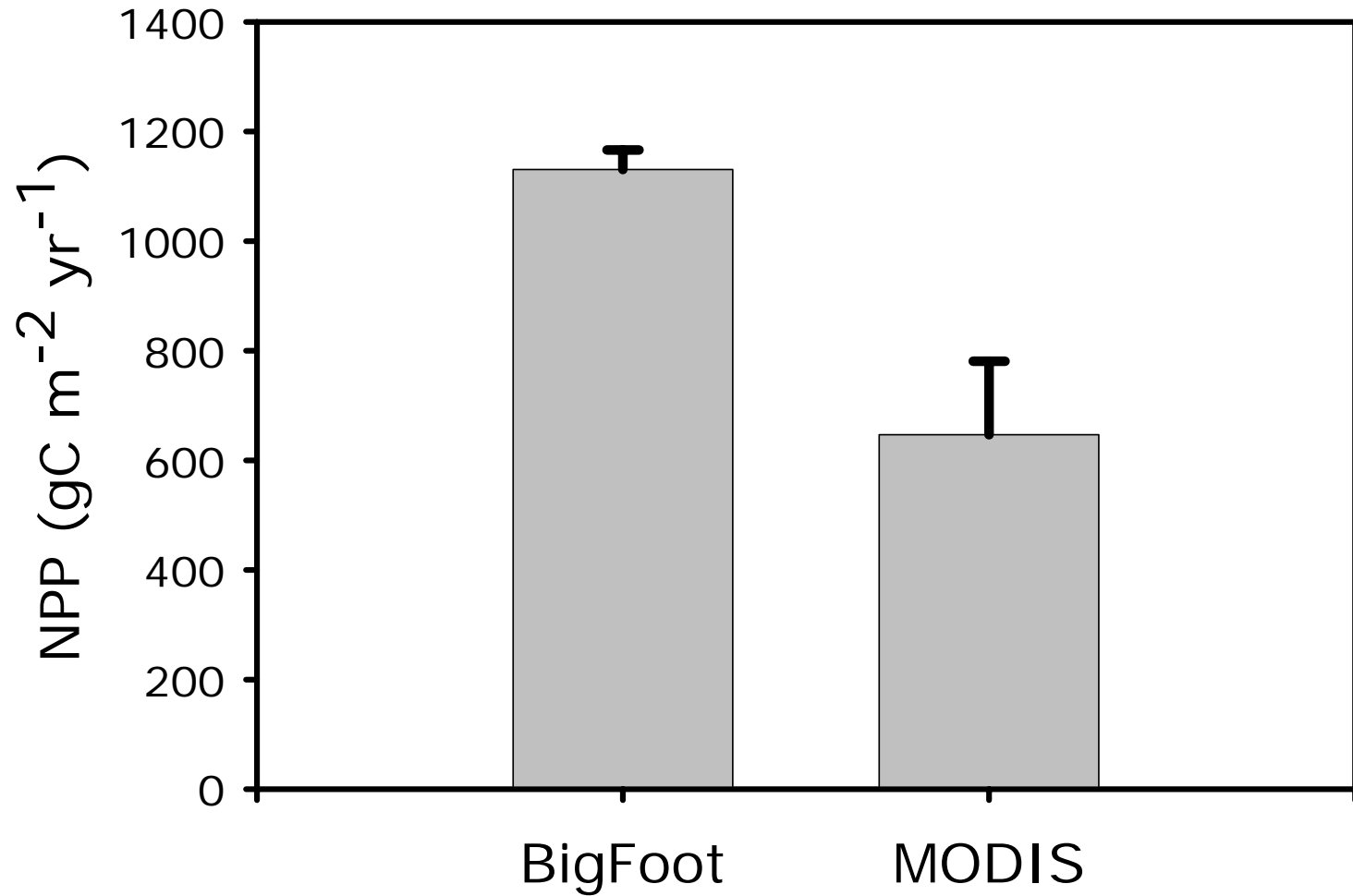
**Year: 2004**  
**Site: TAPA (Santarem, Brazil)**  
**Biome: Tropical Moist Forest**





**BigFoot  
NPP Comparison  
BigFoot vs. MODIS**

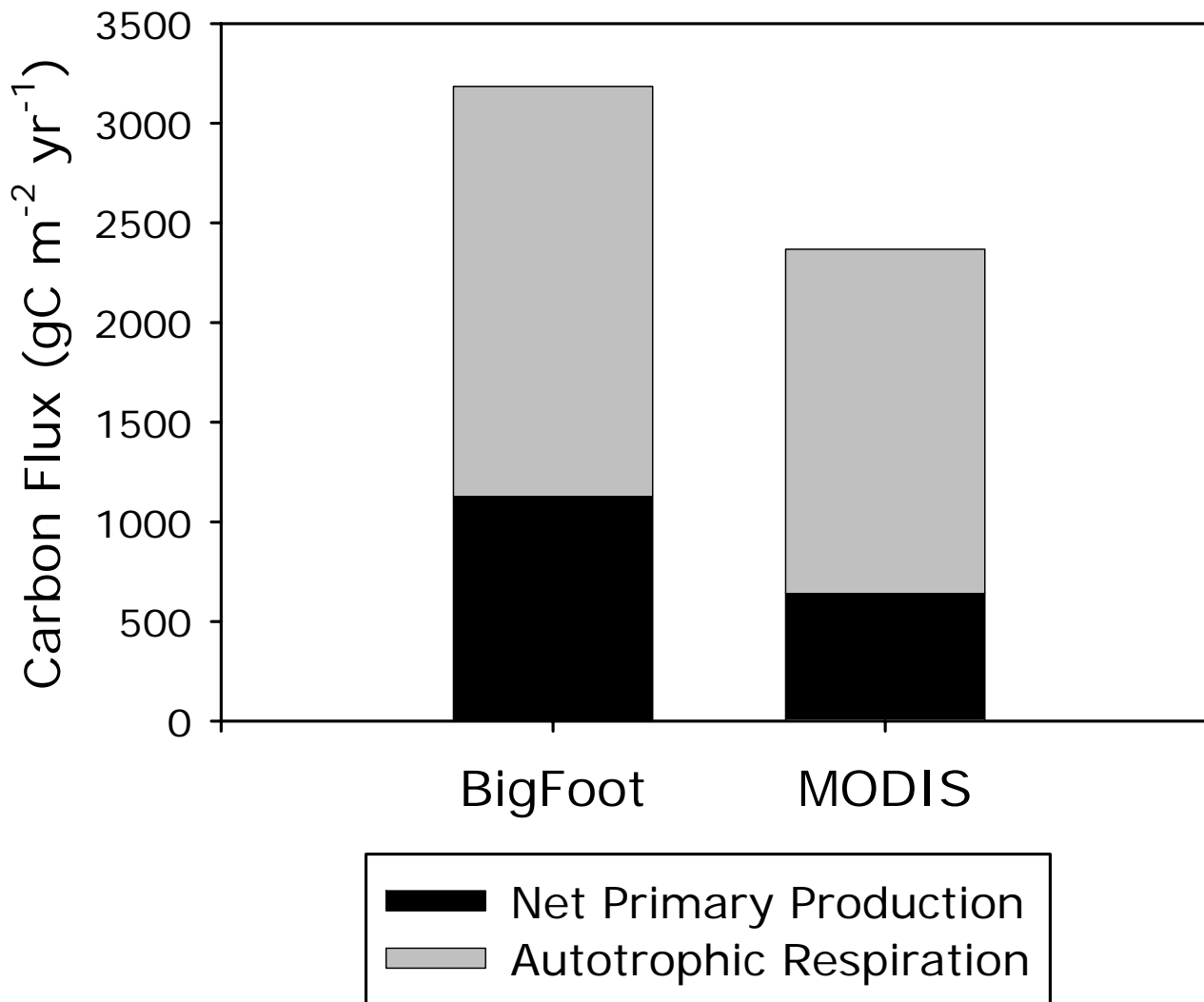
**Year: 2004  
Site: TAPA (Santarem, Brazil)  
Biome: Tropical Moist Forest**





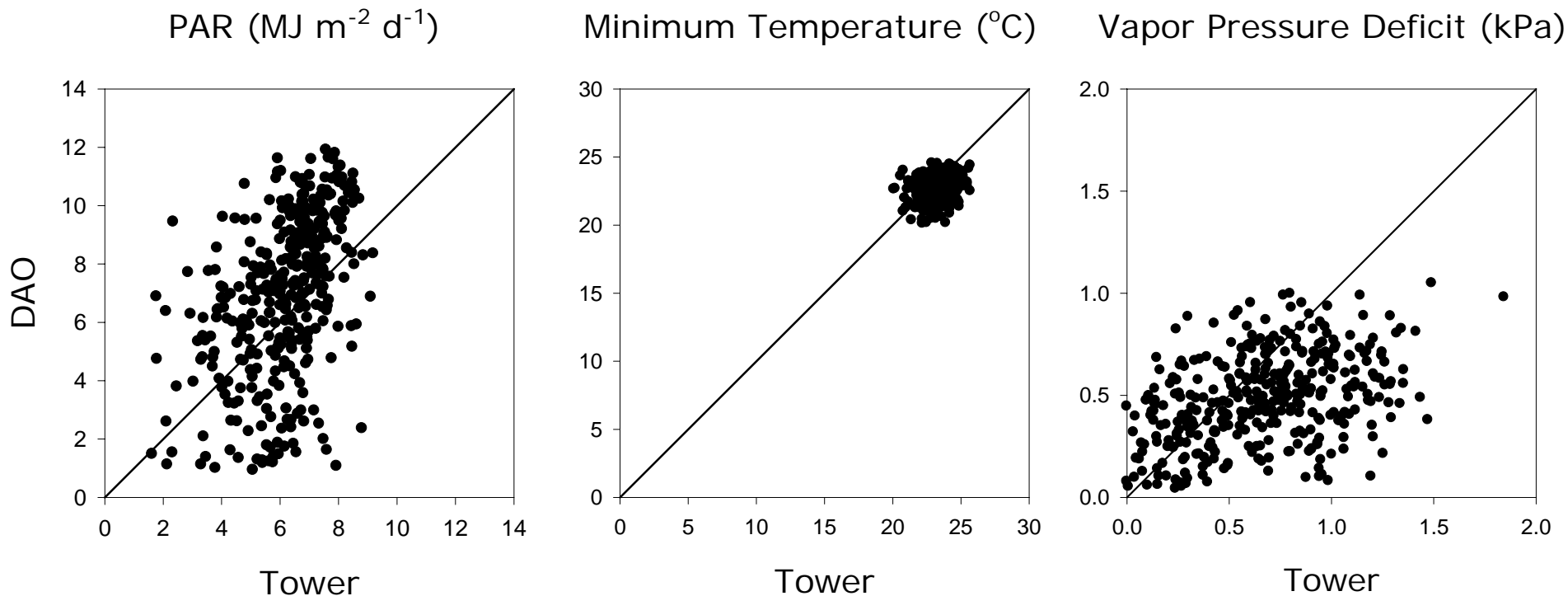
**BigFoot**  
**Carbon Flux Comparison**  
**BigFoot vs. MODIS**

**Year: 2004**  
**Site: TAPA (Santarem, Brazil)**  
**Biome: Tropical Moist Forest**



**BigFoot  
Meteorological Comparison  
Tower vs. DAO\***

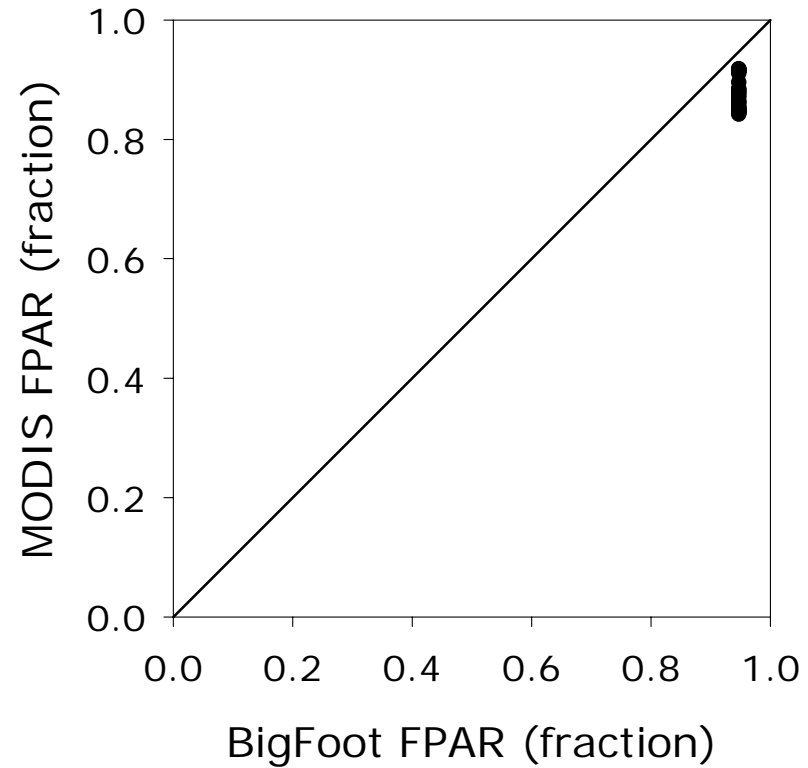
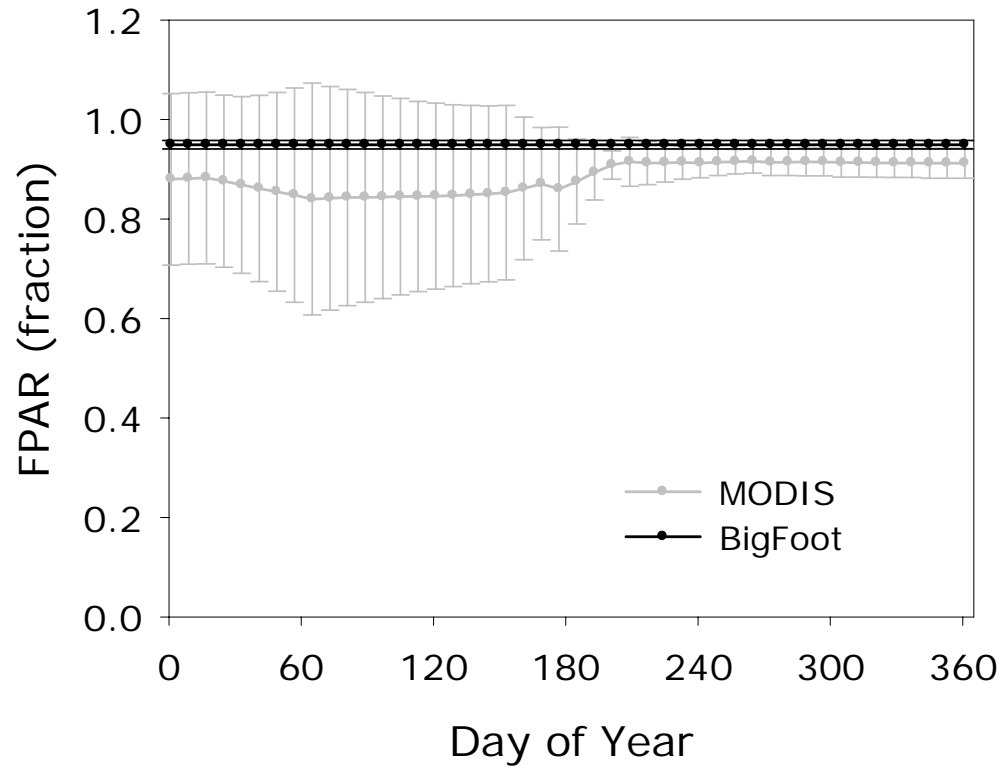
**Year: 2004  
Site: TAPA (Santarem, Brazil)  
Biome: Tropical Moist Forest**



\* DAO – Data Assimilation Office

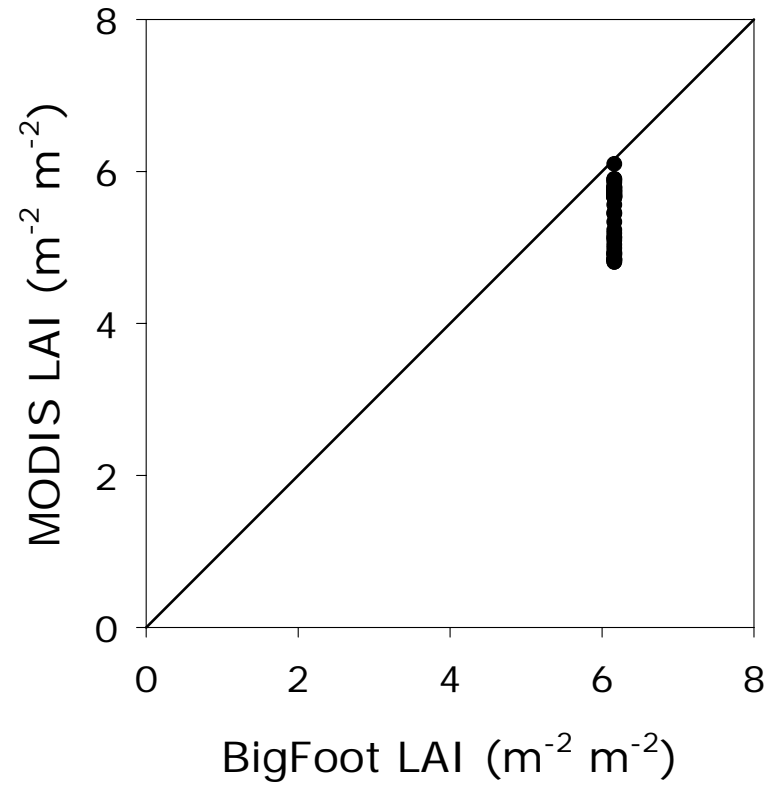
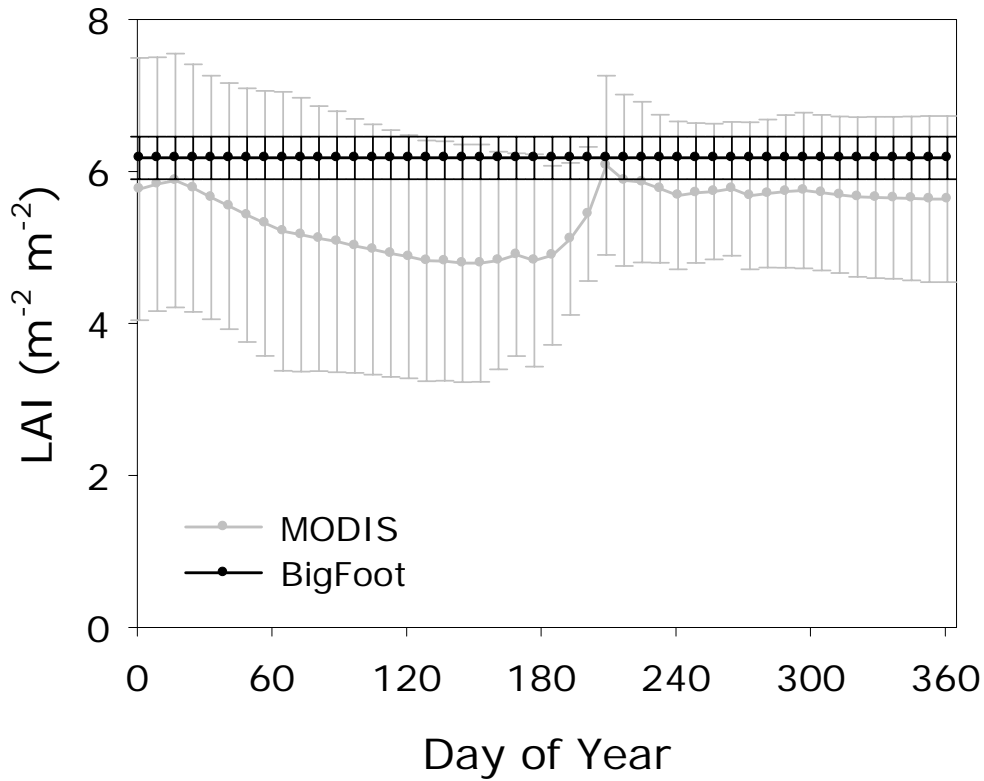
**BigFoot  
FPAR Comparison  
BigFoot vs. MODIS**

**Year: 2004  
Site: TAPA (Santarem, Brazil)  
Biome: Tropical Moist Forest**



**BigFoot**  
**LAI Comparison**  
**BigFoot vs. MODIS**

**Year: 2004**  
**Site: TAPA (Santarem, Brazil)**  
**Biome: Tropical Moist Forest**



**BigFoot**  
**LUE Comparison**  
**BigFoot vs. MODIS**

**Year: 2004**  
**Site: TAPA (Santarem, Brazil)**  
**Biome: Tropical Moist Forest**

