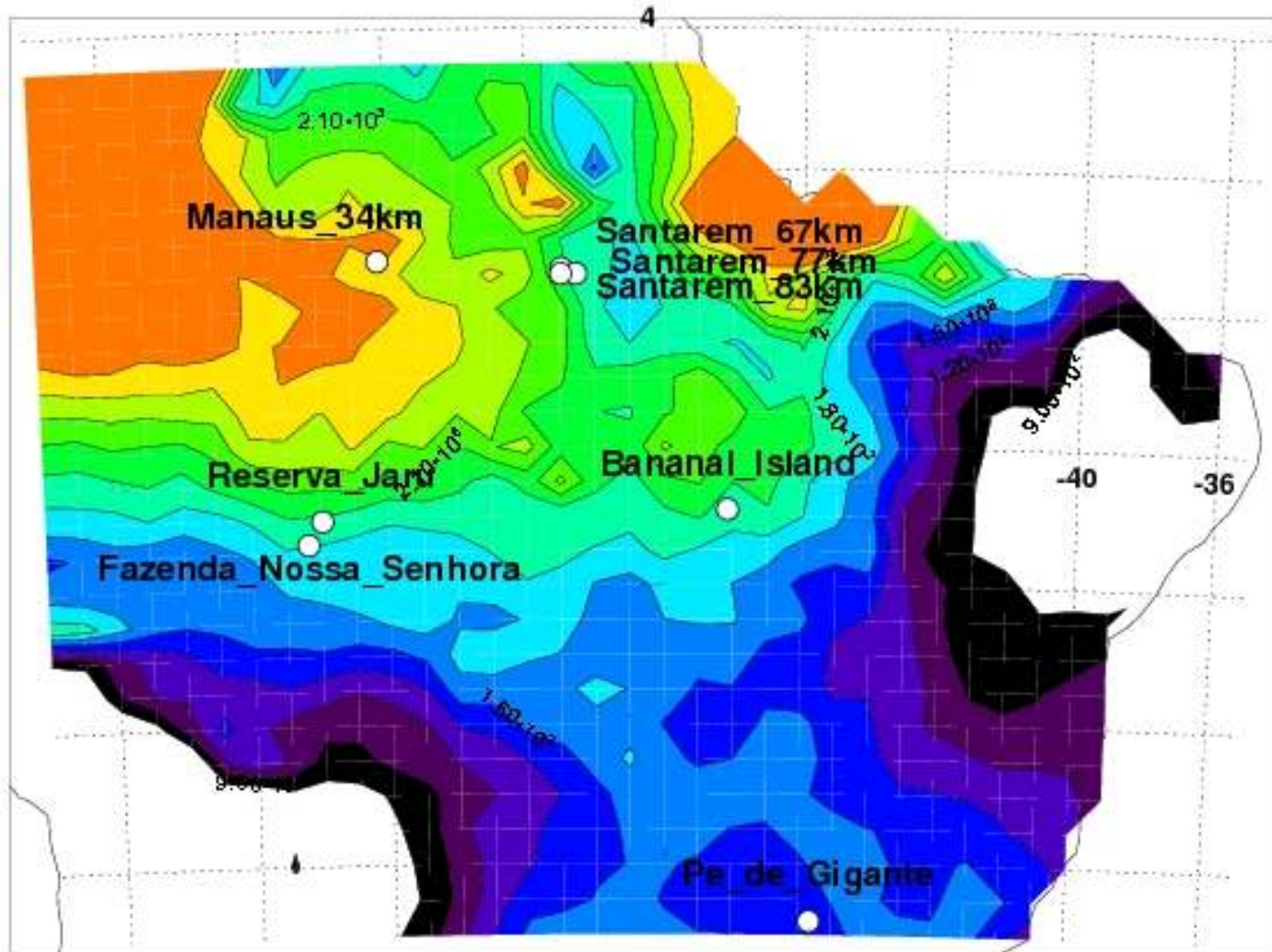
An aerial photograph of a savanna landscape with a winding road and a large grey text box. The text box contains the title of the presentation.

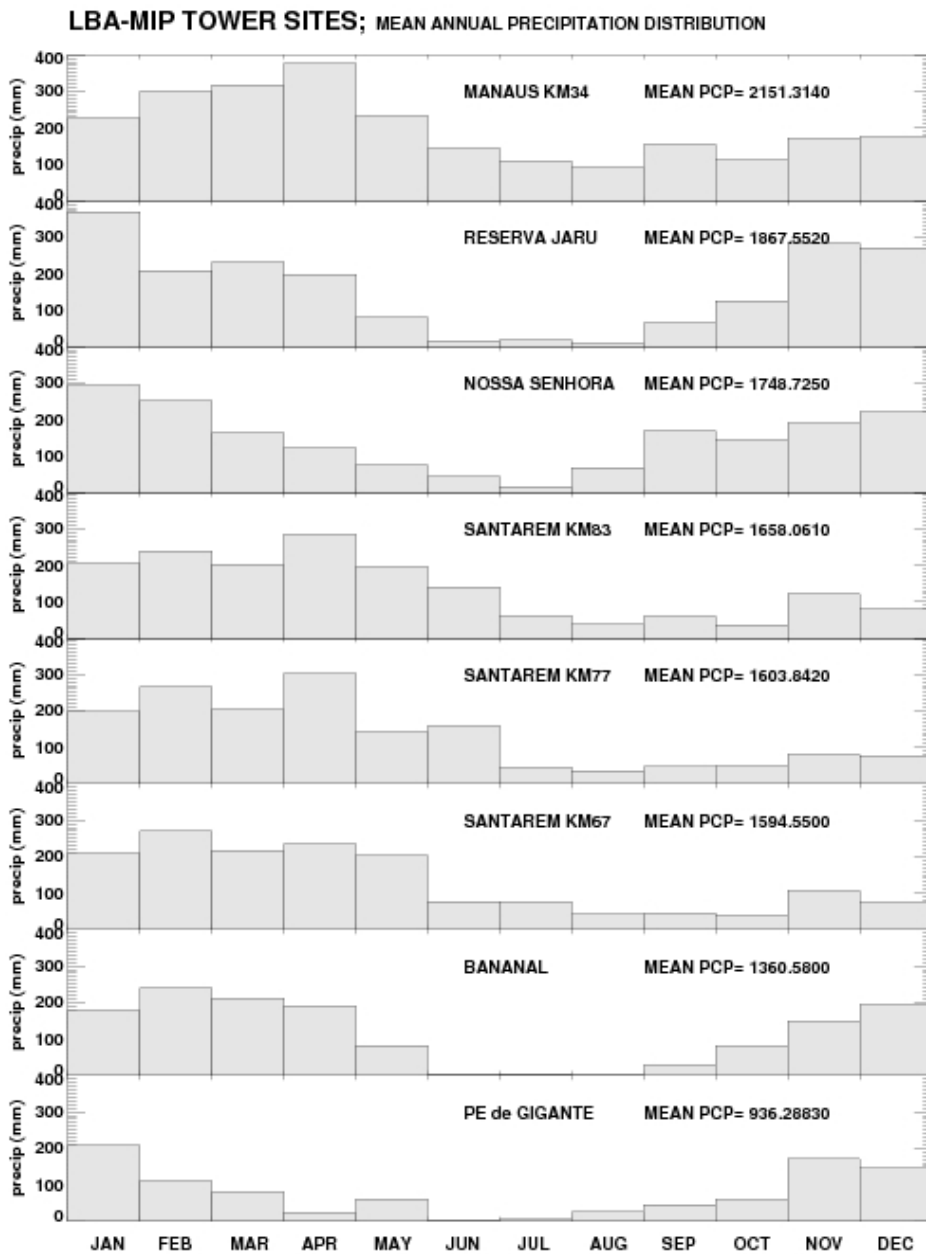
# LBA-MIP: Carbon Flux Characteristics across Multiple Models at Multiple Sites

Plots: Ian Baker

Model Runs: LBA-MIP Participants

# Location of Sites





# Precipitation Distribution

- Precipitation mean for 3 or 4 years
- Dry season defined as number of months with precipitation < 100mm
- 0-1 month dry season at Manaus km34
- 7-8 month dry season at Pe de Gigante



# Models/Variables

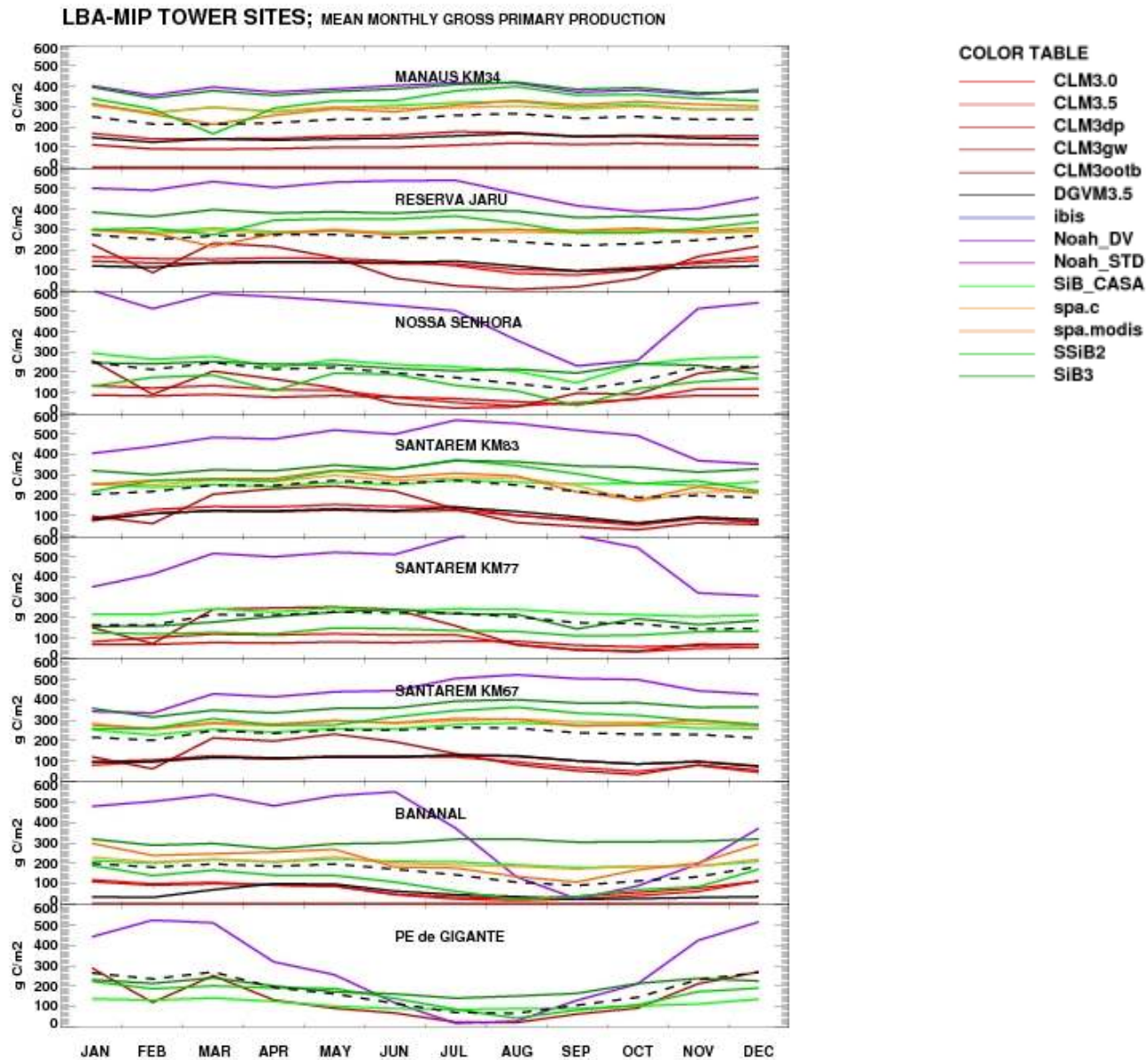
| model     | H | LEA | GPP | NEE |
|-----------|---|-----|-----|-----|
| CLM3.0    | X | X   | X   |     |
| CLM3.5    | X | X   | X   |     |
| CLM3dp    | X | X   | X   | X   |
| CLM3gw    | X | X   |     |     |
| CLM300tb  | X | X   |     |     |
| DGVM3.5   | X | X   | X   | X   |
| ibis      | X | X   | X   | X   |
| Noah_DV   | X | X   | X   | X   |
| Noah_STD  | X | X   |     | X   |
| Sib_casa  | X | X   | X   | X   |
| Spa.c     | X | X   | X   |     |
| Spa.modis | X | X   | X   | X   |
| SSiB2     | X | X   | X   | X   |
| SiB3      | X | X   | X   | X   |

# Models/Colorcoding

## COLOR TABLE

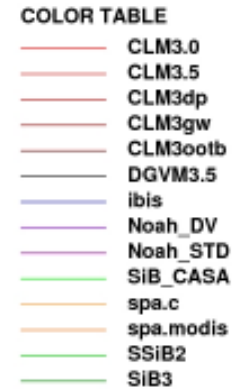
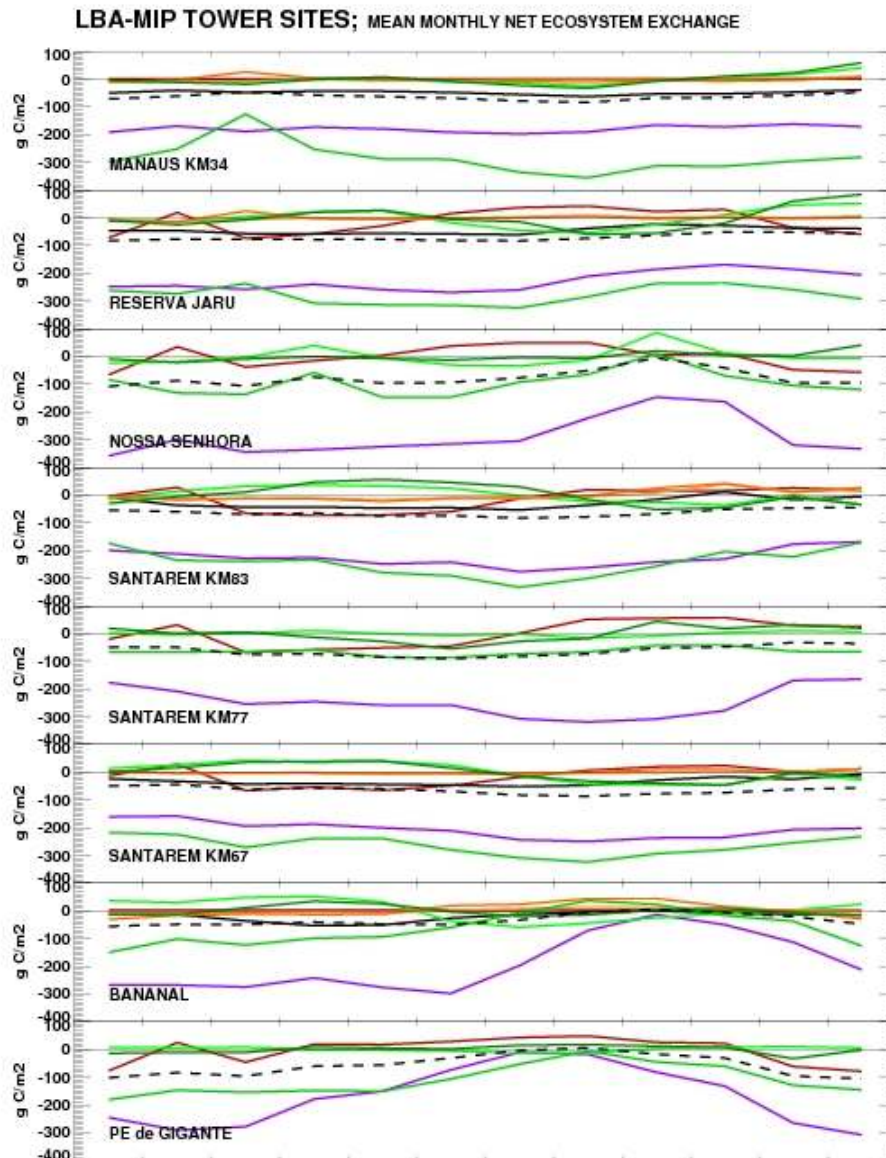
|   |           |
|---|-----------|
| — | CLM3.0    |
| — | CLM3.5    |
| — | CLM3dp    |
| — | CLM3gw    |
| — | CLM3ootb  |
| — | DGVM3.5   |
| — | ibis      |
| — | Noah_DV   |
| — | Noah_STD  |
| — | SiB_CASA  |
| — | spa.c     |
| — | spa.modis |
| — | SSiB2     |
| — | SiB3      |

# Mean Monthly GPP





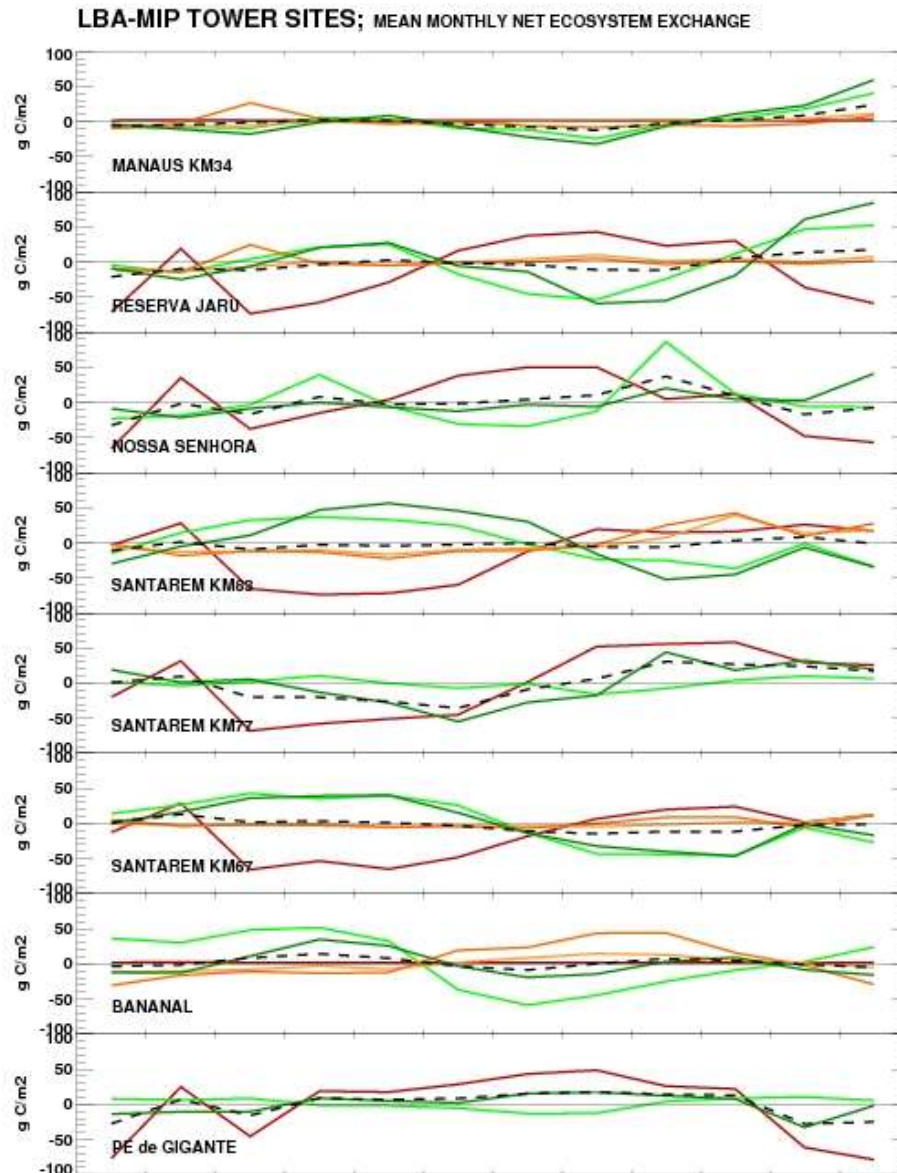
# Mean Monthly NEE



- Most models near balance
- Some (Noah, sSiB?) sinks



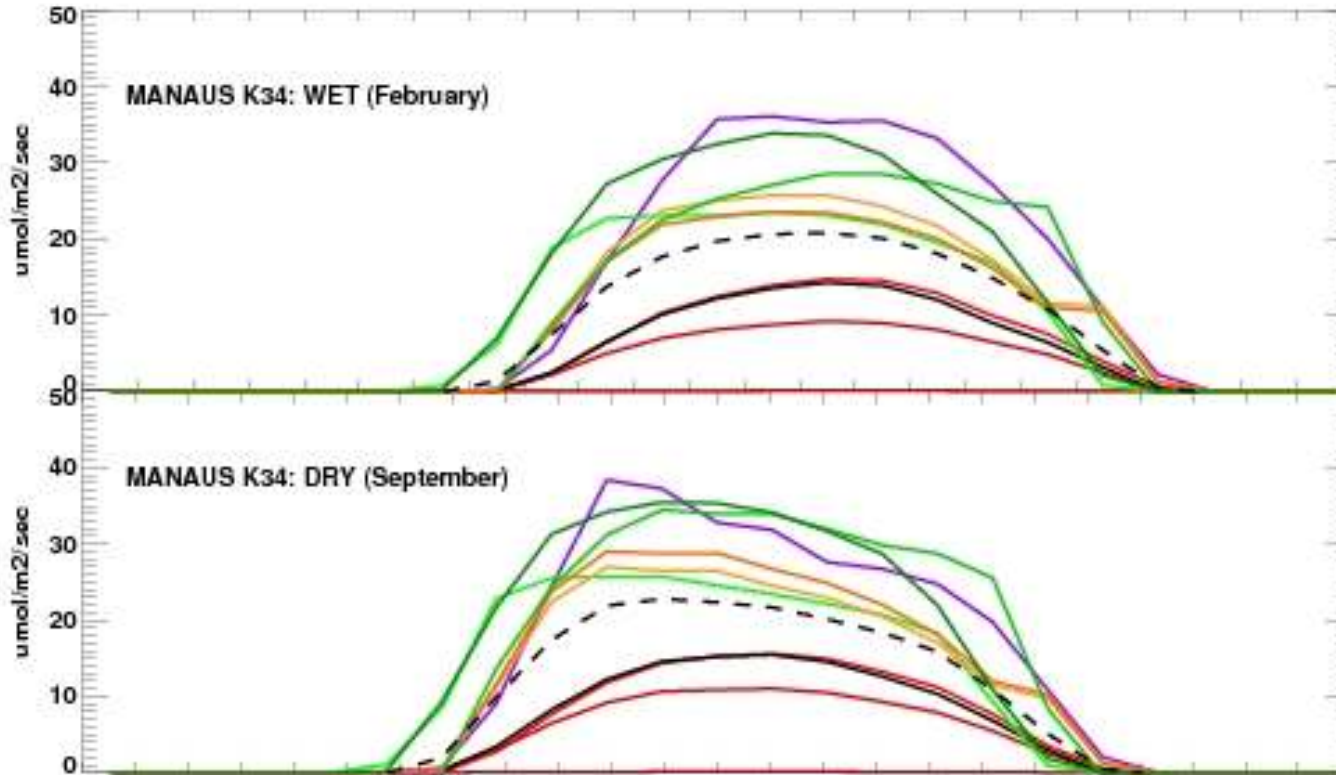
# Mean Monthly NEE



- Sink models removed
- Can see annual cycle of models that remain

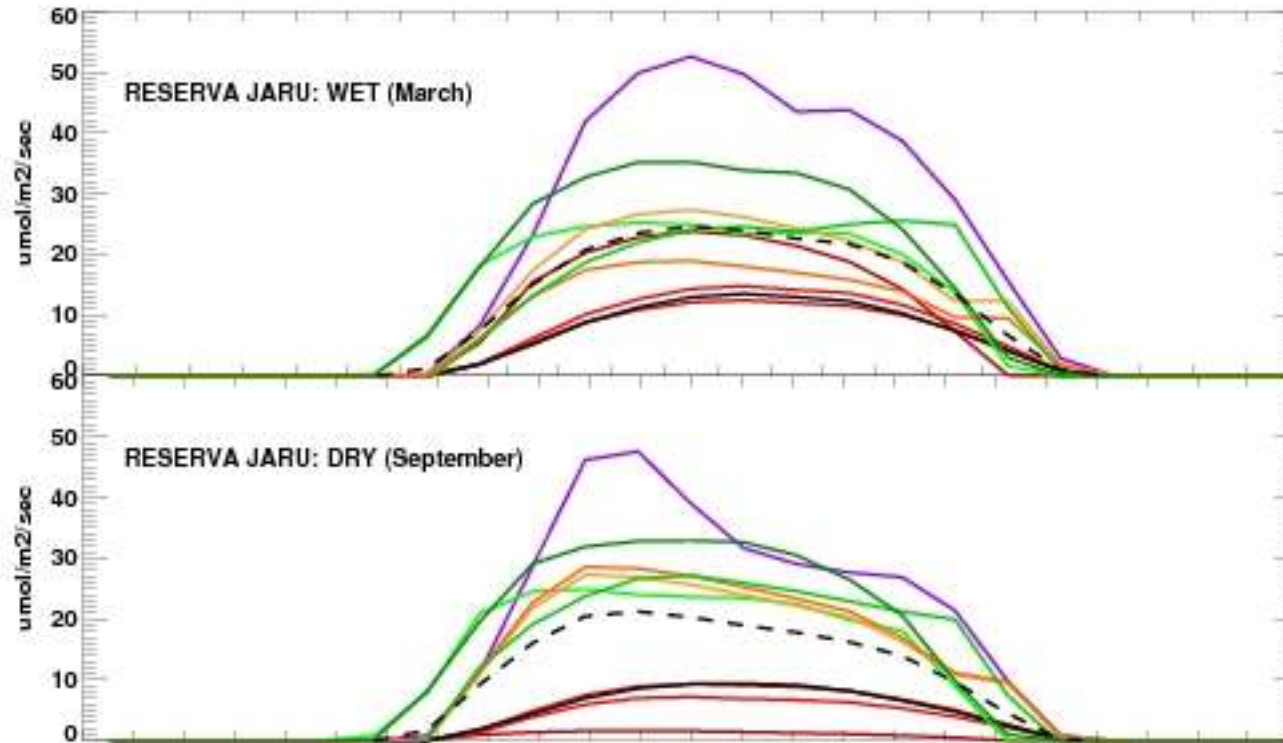
# GPP: Diurnal Composite-K34

LBA-MIP TOWER SITES; DIURNAL COMPOSITE: GPP



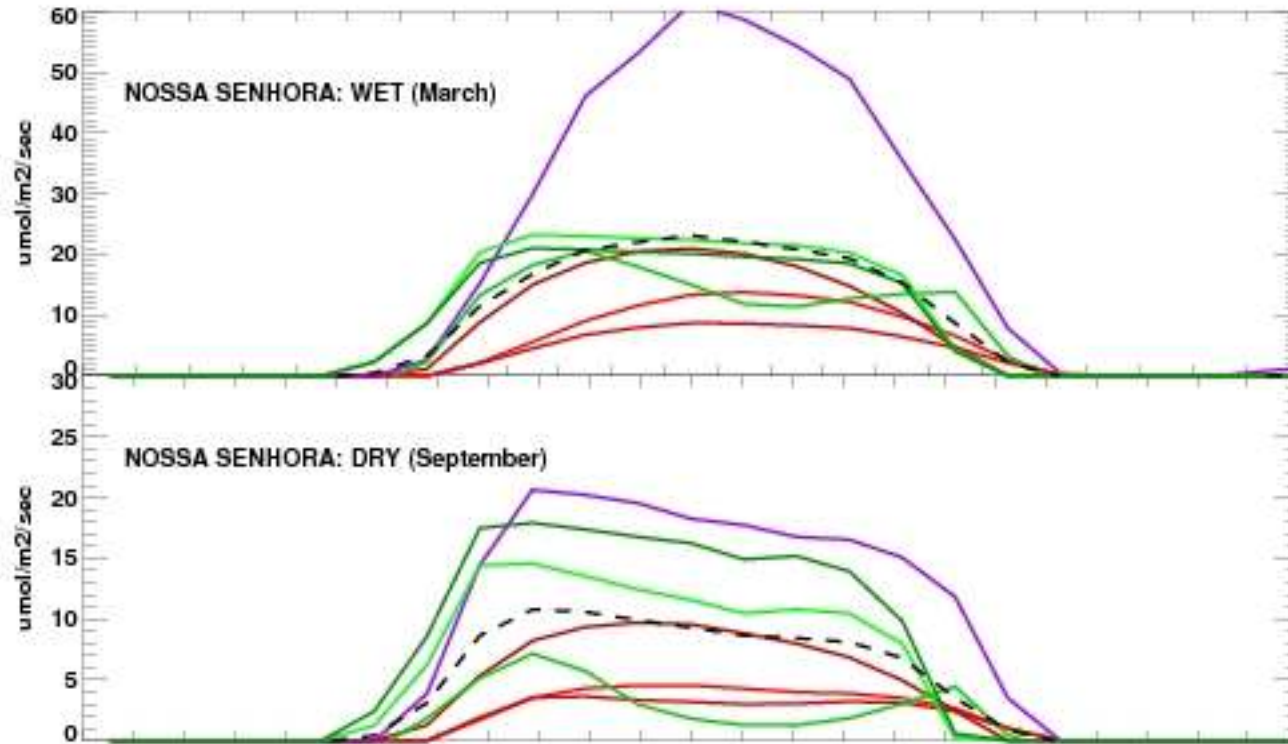
# GPP: Diurnal Composite-RJA

LBA-MIP TOWER SITES; DIURNAL COMPOSITE: GPP



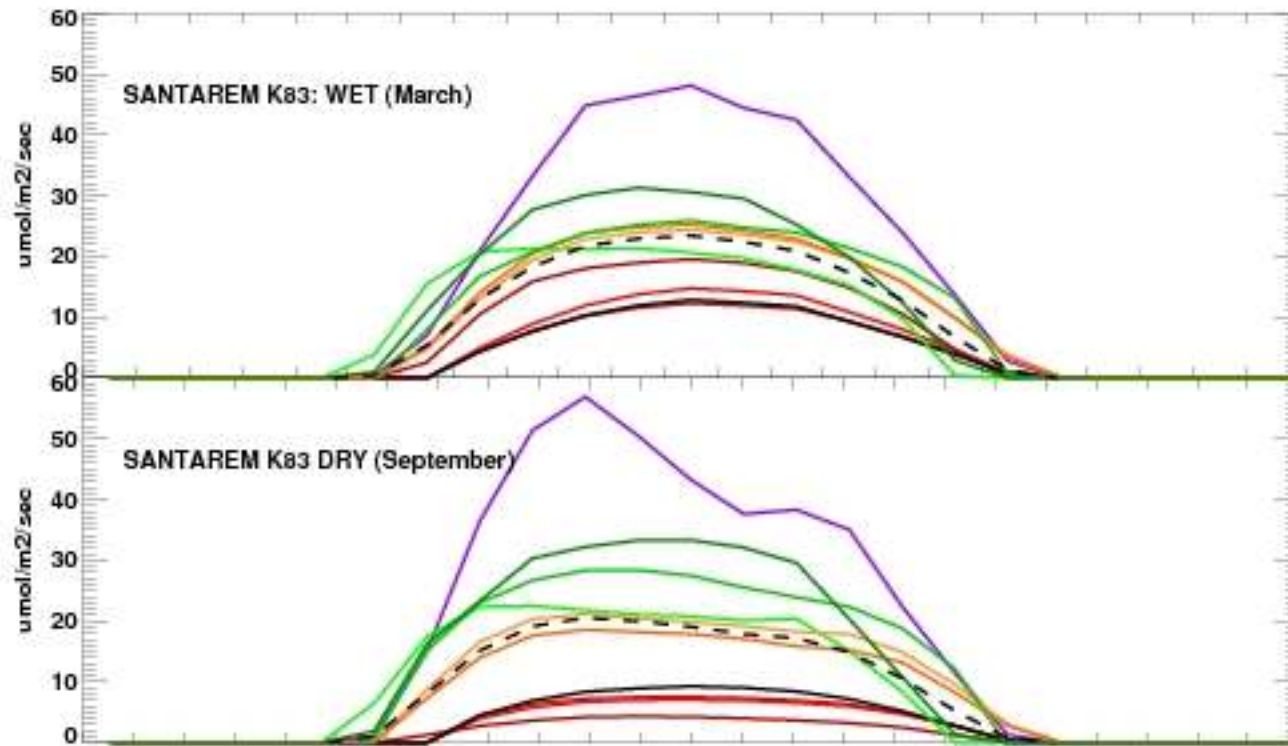
# GPP: Diurnal Composite-FNS

LBA-MIP TOWER SITES; DIURNAL COMPOSITE: GPP



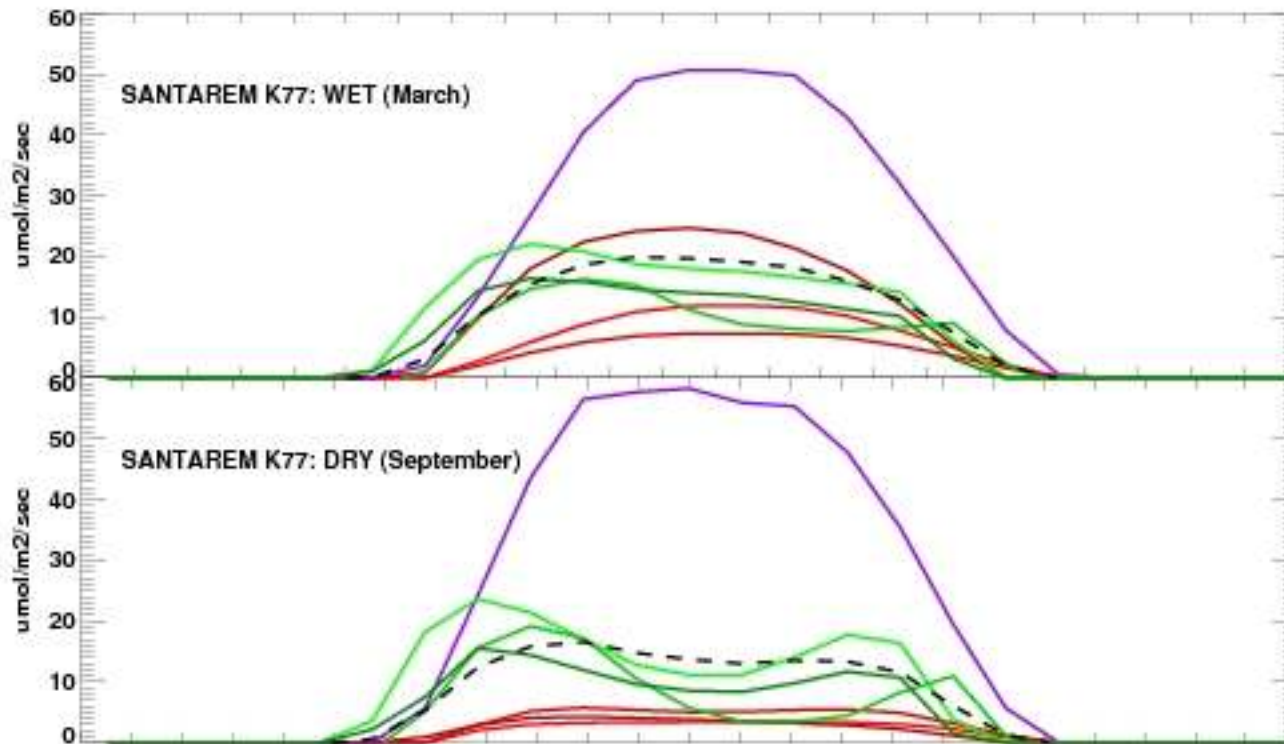
# GPP: Diurnal Composite-K83

LBA-MIP TOWER SITES; DIURNAL COMPOSITE: GPP



# GPP: Diurnal Composite-K77

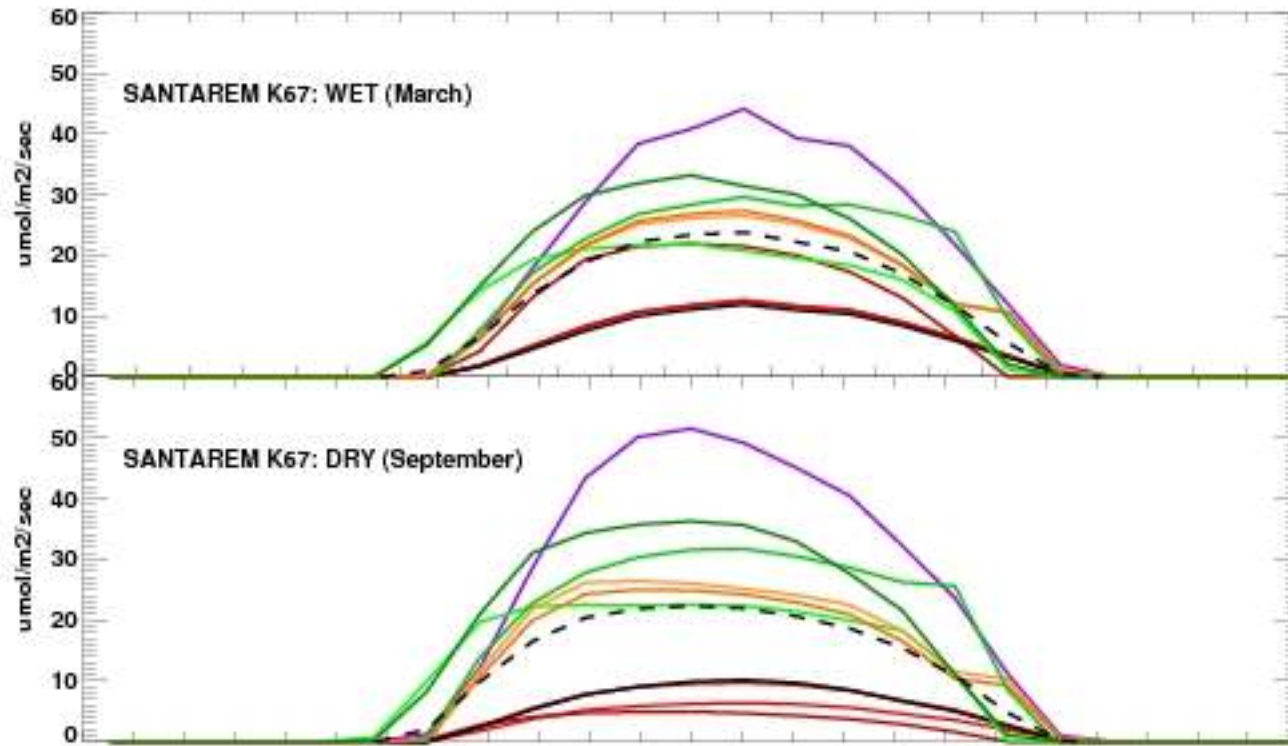
LBA-MIP TOWER SITES; DIURNAL COMPOSITE: GPP





# GPP: Diurnal Composite-K67

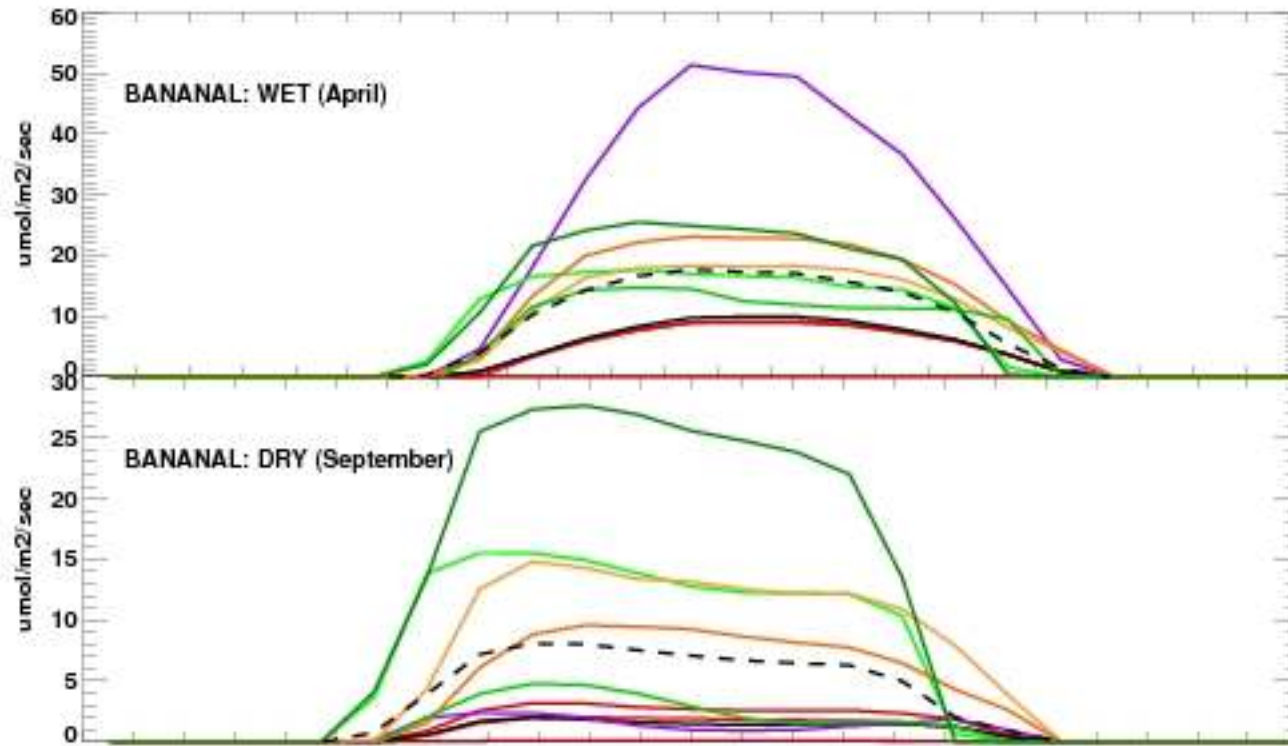
LBA-MIP TOWER SITES; DIURNAL COMPOSITE: GPP





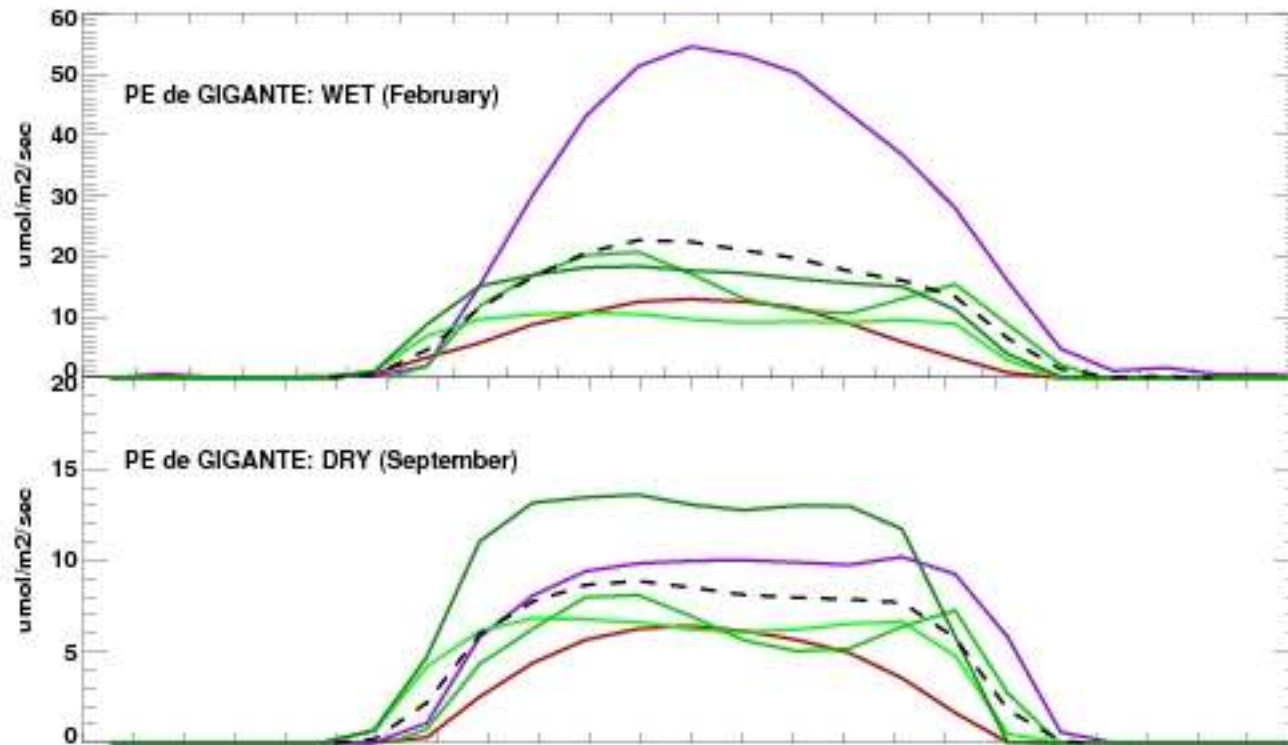
# GPP: Diurnal Composite-BAN

LBA-MIP TOWER SITES; DIURNAL COMPOSITE: GPP

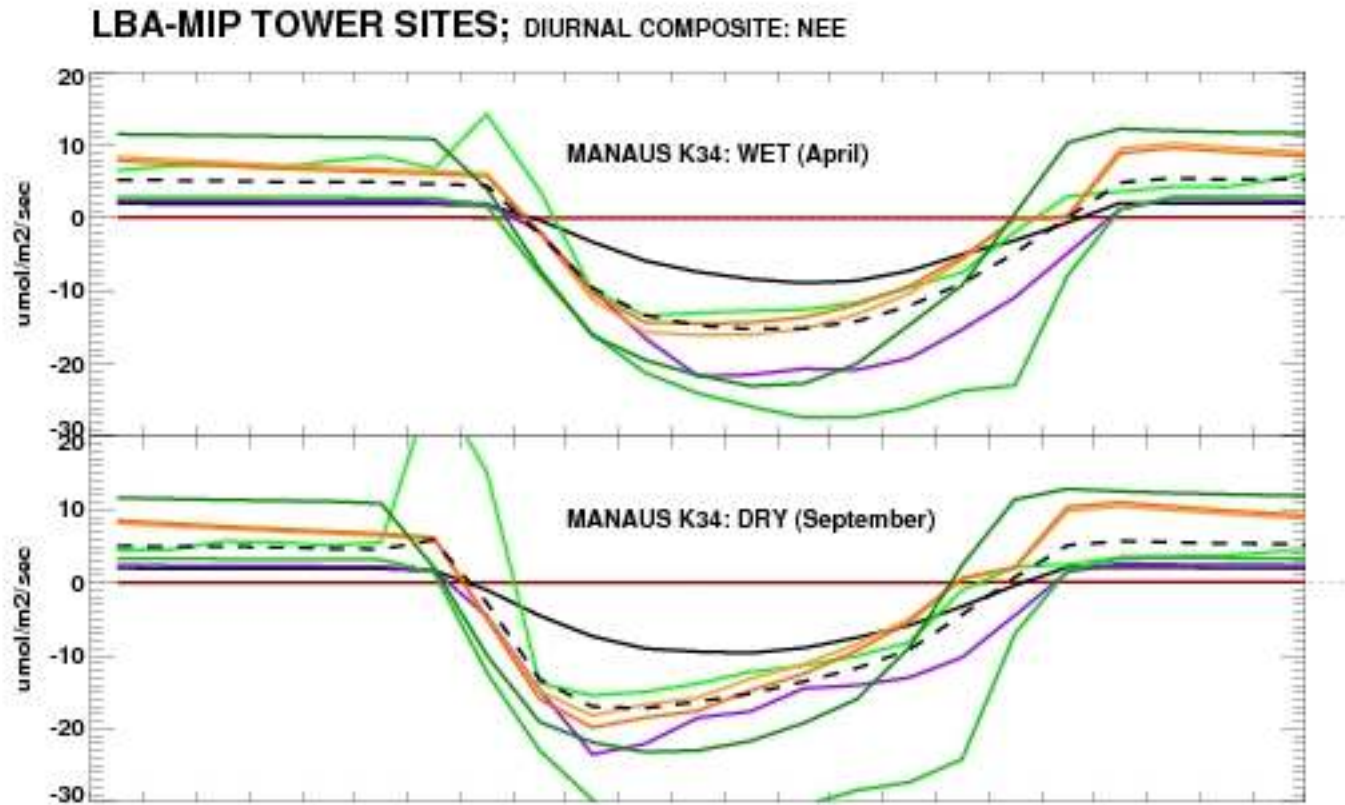


# GPP: Diurnal Composite-PDG

LBA-MIP TOWER SITES; DIURNAL COMPOSITE: GPP

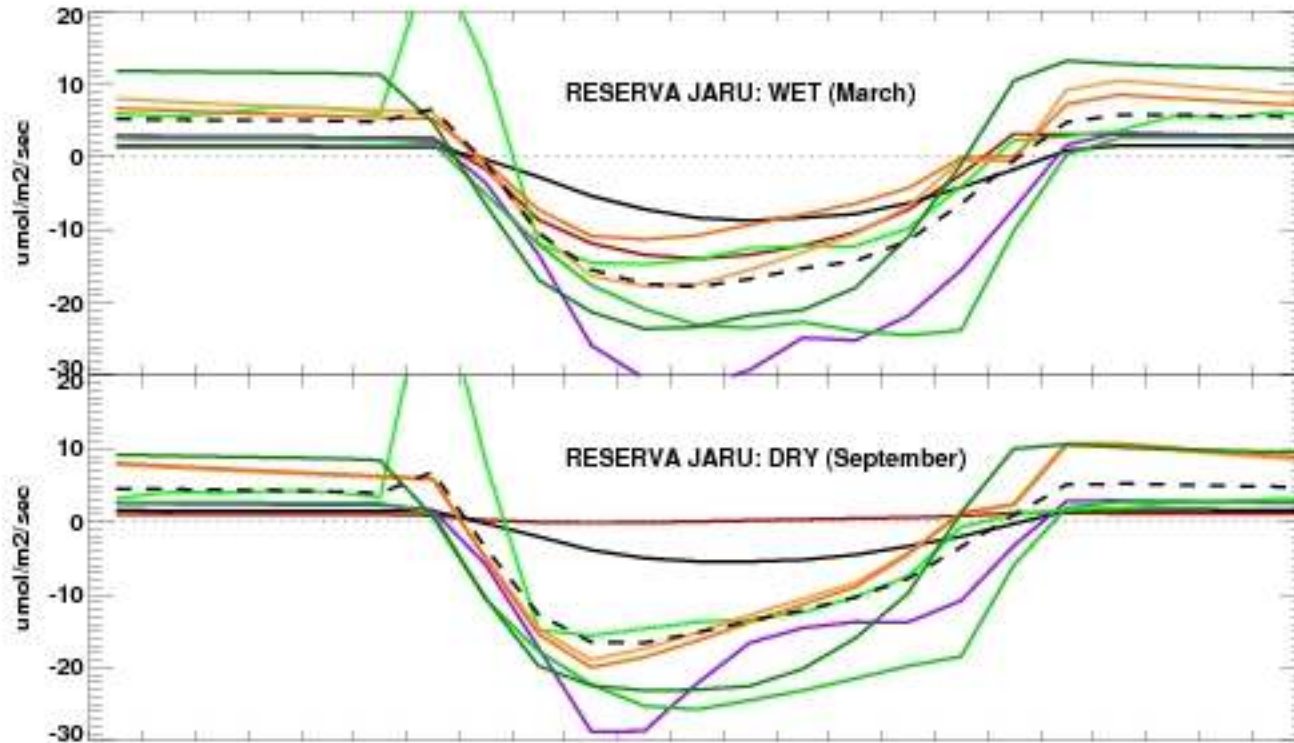


# NEE: Diurnal Composite-K34

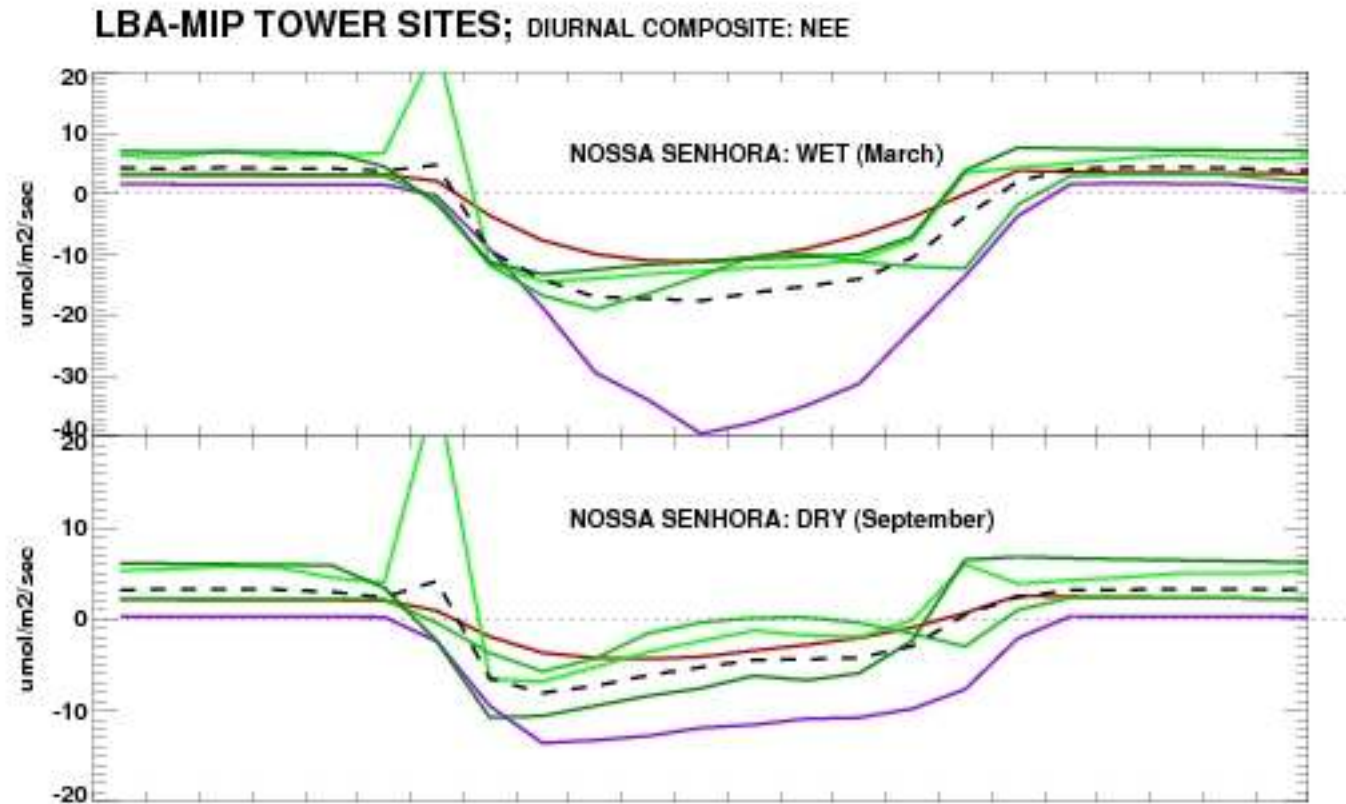


# NEE: Diurnal Composite-RJA

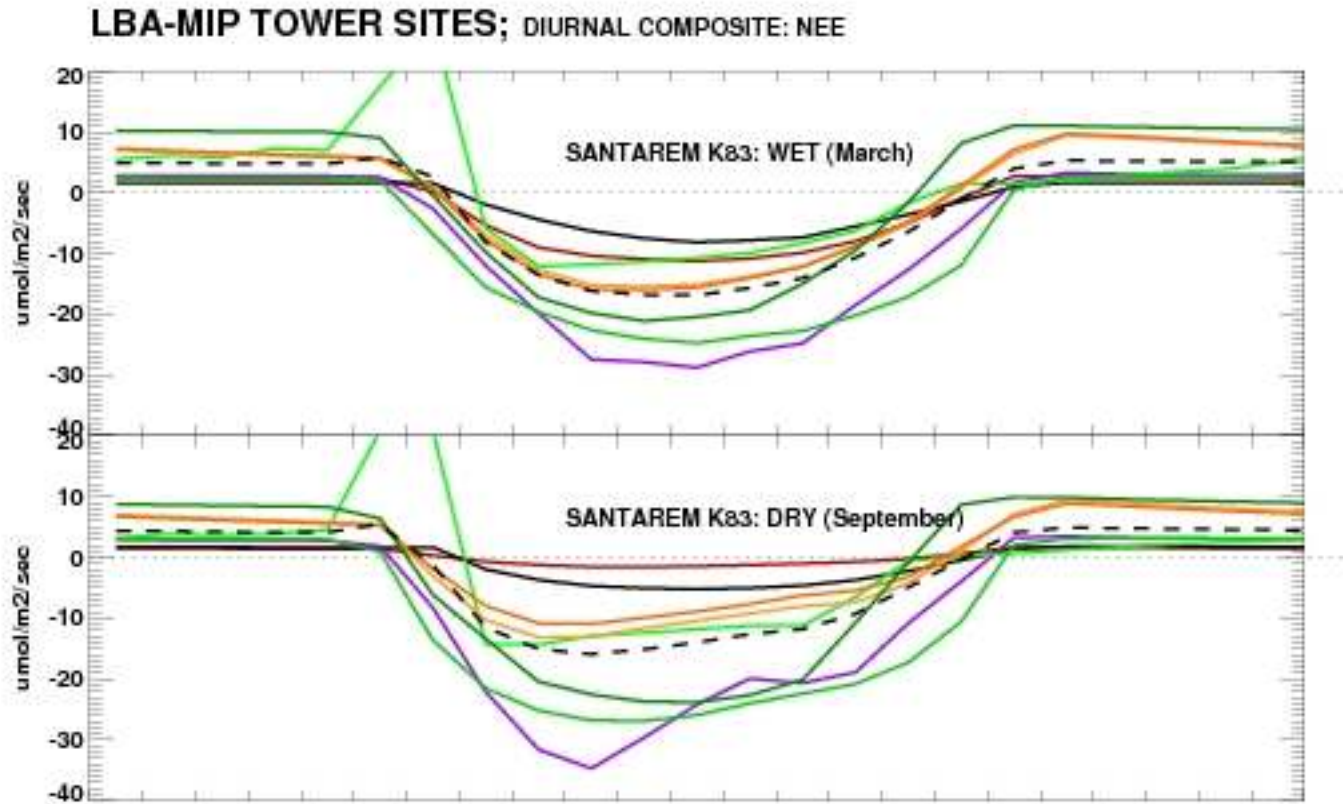
LBA-MIP TOWER SITES; DIURNAL COMPOSITE: NEE



# NEE: Diurnal Composite-FNS

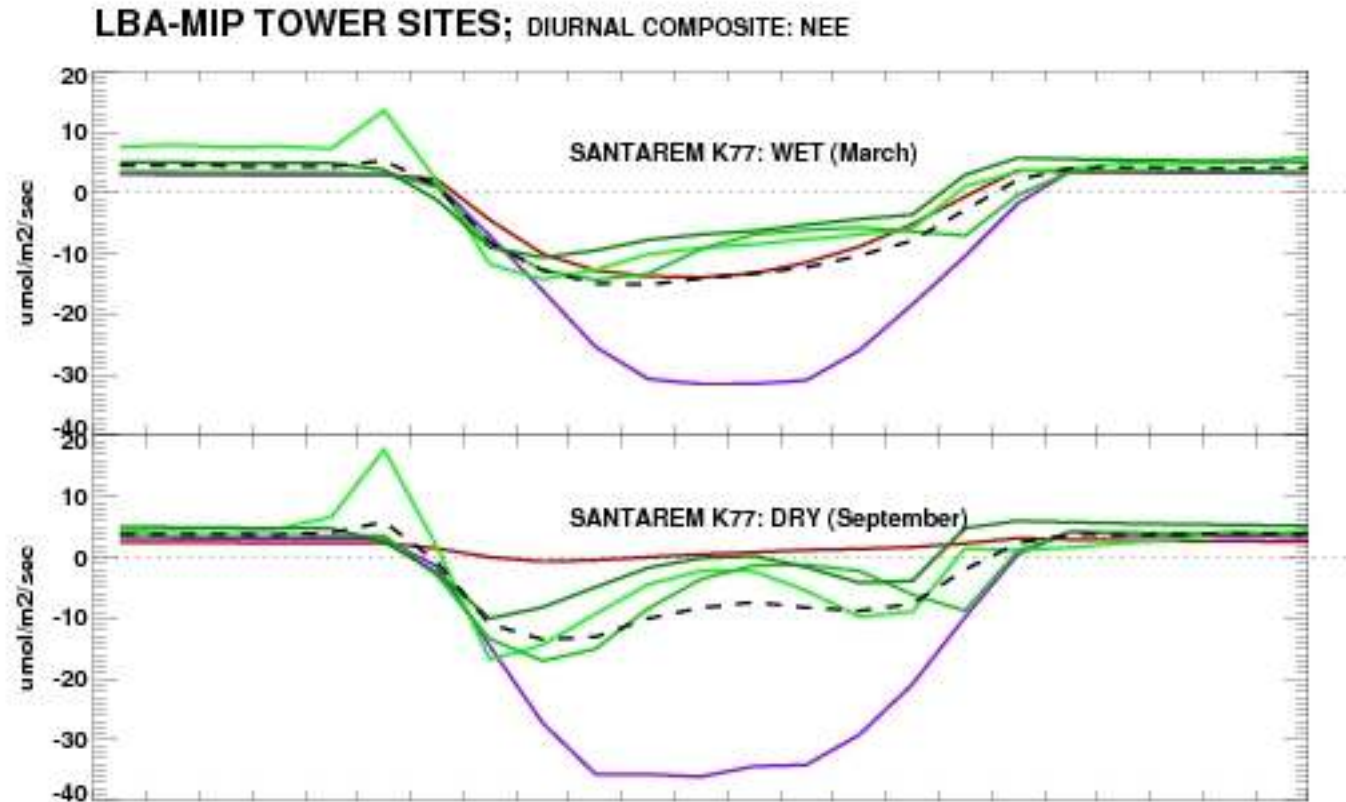


# NEE: Diurnal Composite-K83



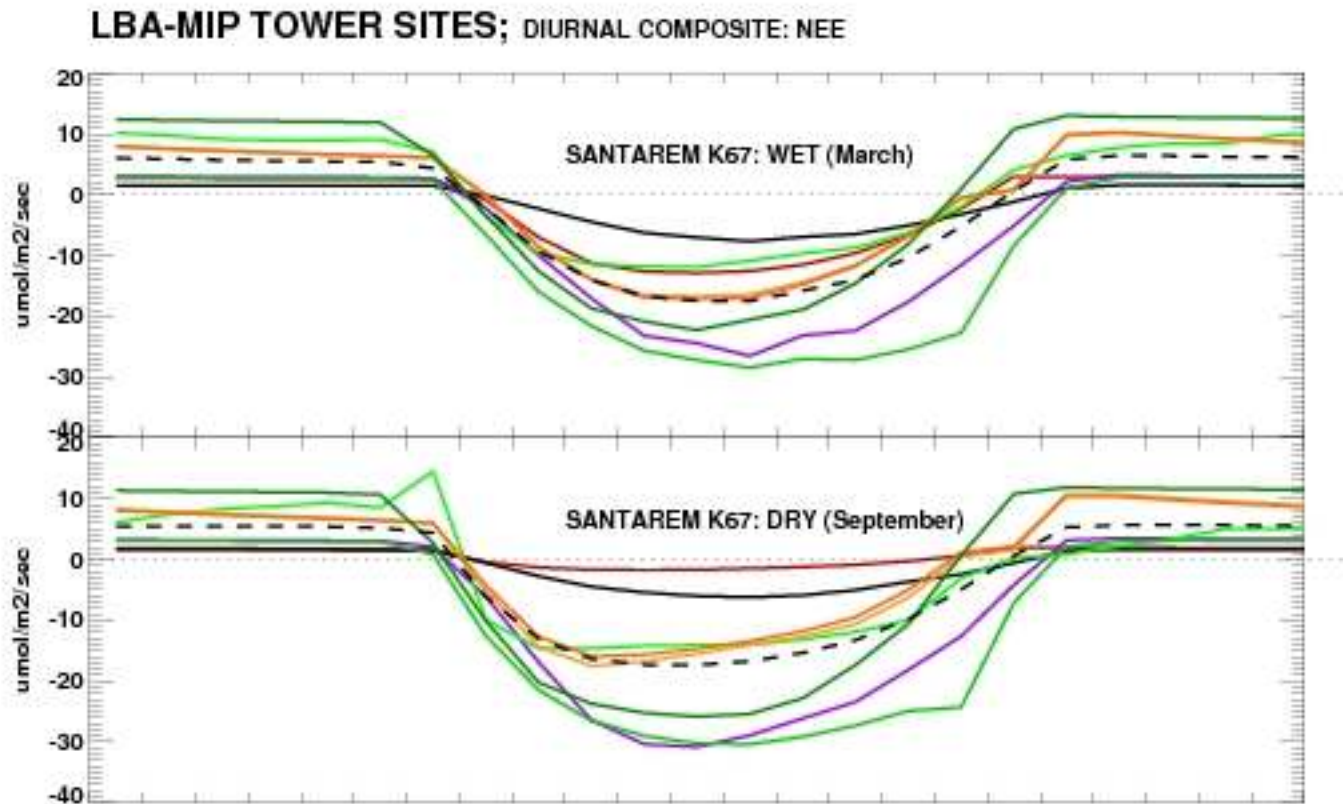


# NEE: Diurnal Composite-K77

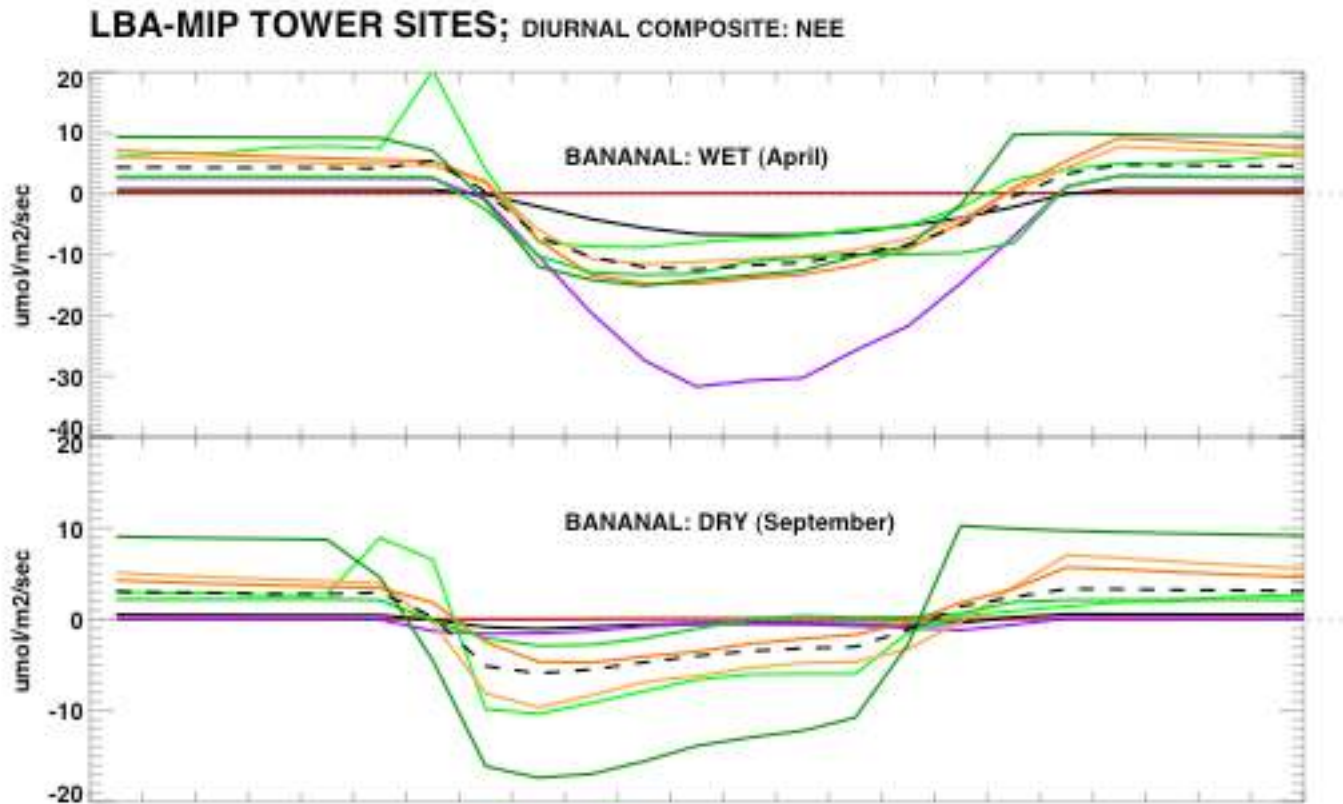




# NEE: Diurnal Composite-K67



# NEE: Diurnal Composite-BAN



# NEE: Diurnal Composite-PDG

LBA-MIP TOWER SITES; DIURNAL COMPOSITE: NEE

