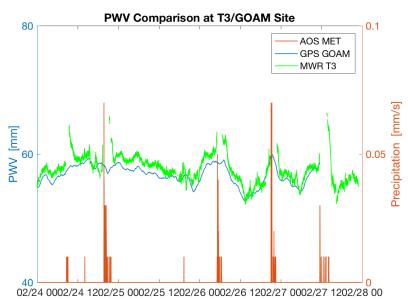
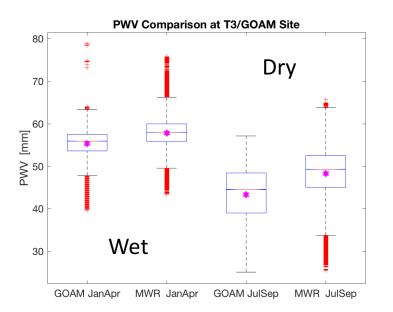
GPS Network During GoAmazon

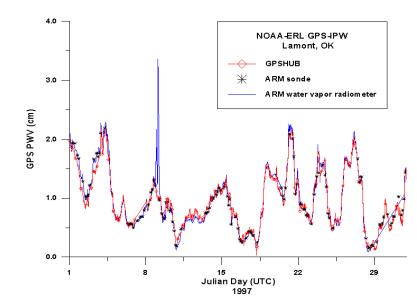


10 miles

GPS Accuracy







"The <u>blue spike</u> represents when the <u>radiometer data</u> was contaminated by rain."

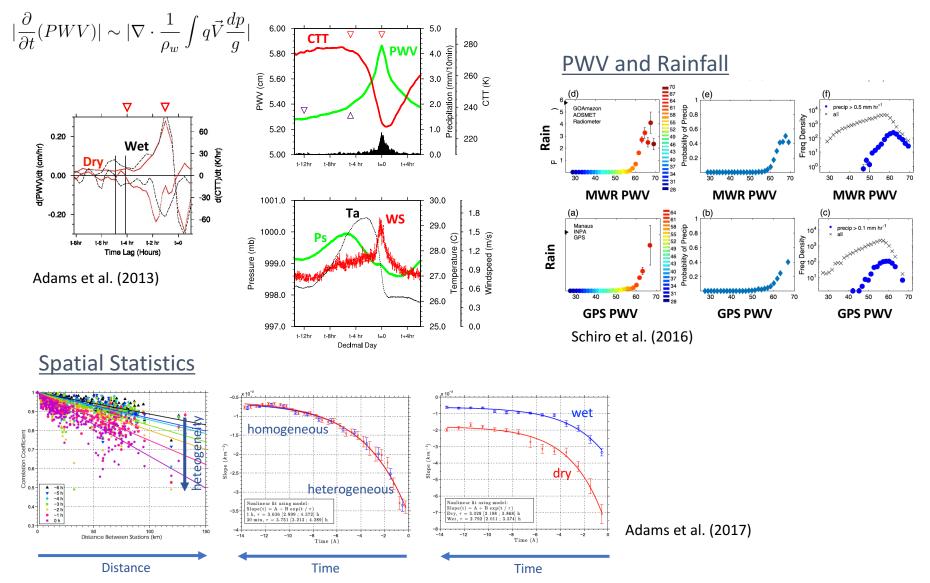
Gutman, 1997 from

http://www.csr.utexas.edu/texas_pwv/midterm/gabor/gabor.html

Rainfall errors may explain differences between MWR and GPS PWV at T3/GOAM. This needs to be verified more systematically.

GPS PWV Applications

Water Vapor Convergence



Data Access

CHUVA Project PI: Luiz Machado

http://chuvaproject.cptec.inpe.br/portal/pedido.inicio.logic

- Experiment: goamazon
- Type of instrument: gps
- Instrument: IWV
- Type of data: Experimental
- Level: 2
- Site: <select site of interest>
- Search

Retrieves 30-min PWV data as daily files. Daily files still being processed and much data still not available on this site.

E-mail Henrique Barbosa (<u>hmjbarbosa@gmail.com</u>) for information on how to get a more complete set of data at 5min resolution.