

Analysis of the Evolution of Integrated Precipitable Water (PW) from GPS and Radiosonde Data over French Polynesia



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Context

Climate Research on French Polynesia

1968 to 2017

temperature, relative humidity.
Moorea, Mangareva, Rapa.

clouds, precipitation, severe weather

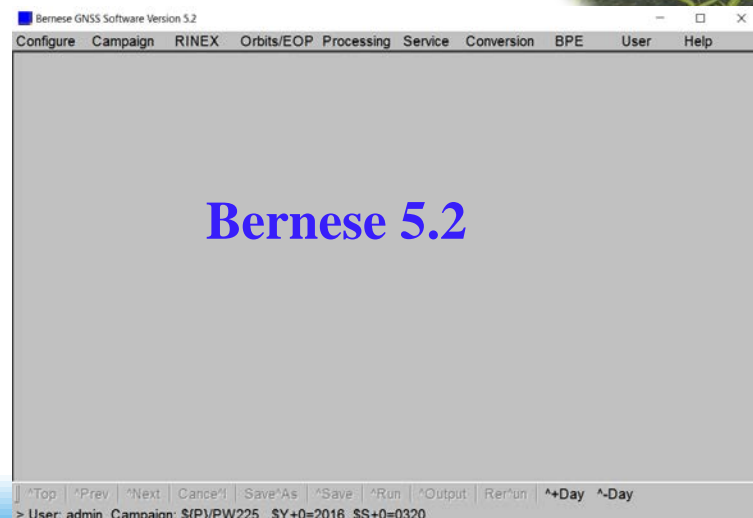
Objective

Model the evolution of
(and so rain) as a greenhouse
precipitable water data
atmosphere.



Orbits, clocks, Earth-rotation parameters
Double-difference network solution

Bernese 5.2



Preliminary Conclusions

Latitudes; Wet season and dry season; GPS-derived
PW time series;