

GAME-Tropics GPS Observation in Thailand

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We have conducted GPS and rawinsonde observations in the Indochina Peninsula, as the project of GAME (GEWEX Asia Monsoon Experiment) -Tropics.

We estimated PWV (Precipitable Water Vapor) using GPS observation data which was corrected by atmospheric temperature and pressure data. Estimated PWV values were compared with those obtained by radiosonde. Comparison suggests that both of them seem to track the temporal change of PWV, but it looks there are some significant offsets between them. Only GPS catch the short term change of PWV.