



Ensemble QPF for streamflow prediction in the Igua{c} River, Brazil

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Ensemble Quantitative Precipitation Forecasts (EQPF) were performed with the Weather and Research Forecast (WRF) model over the upper Iguaçu River, a region of complex terrain and higher river discharges in Southern Brazil. Preliminary results are encouraging. Significant rainfall accumulation differences were obtained in the ensembles for different microphysics schemes. EQPF is able to improve weather system type forecast. Lagged simulations were very important to correct the ones with poor initial conditions.