Verification of winter and spring WRF modelling system weather forecast of the Iberian Peninsula

J. Ferreira, A. Rocha, C. A. F. Marques, P. Melo-Gonçalves e M. Marta-Almeida Departamento de Física, Universidade de Aveiro, PORTUGAL. (juan@fis.ua.pt)

In January 2006 a project aiming the long term verification of weather forecast to the Iberian Peninsula was started. The objective is not only to verify the current WRF modelling system parameterization package that is being used to perform the forecasts but also to test different parameterizations using this setup as the default and try to decide the need of different parameterizations for each season. In this paper are shown the results of Winter and Spring forecasts verifications as well as some tests made with different parameterizations.