

Severe Weather training

H. ter Pelkwick

KNMI, WEER_PPI, De Bilt, Netherlands (pelkwick@knmi.nl)

Our environmental models, such as the models we use for weather prediction, are getting better and better. Within the operational meteorology there is a growing tendency to use models to produce automatic forecasts. For the forecaster this means more work is done on a weather dependent base and less routine work.

An example of weather dependent work is the analysis of severe weather events. These will not occur very often, and when they occur different people will be on shift. This means a small chance to gain expertise in this field which becomes more and more complex.

Within KNMI we have made a Severe Weather Catalogue which we can use to train the forecaster.

In this presentation I will tell something about the ideas behind the Severe Weather Catalogue, how it works, the training of the forecasters and the problems we face.