



## **Current and future use of Glameps products in KNMI operational forecasting**

J.M.A.T. Huiskamp

Royal Netherlands Meteorological Institute (KNMI), De Bilt Netherlands (adri.huiskamp@knmi.nl)

Glameps products have become available within KNMI since autumn 2010. Several probabilistic products primarily aimed at forecasters have been developed at KNMI. An example is probabilistic polar wind diagrams ('windroses'). Presentation of chart products is done using the Adaguc web portal. Examples of these products will be shown. During the winter of 2011 a pilot has run in an operational forecasting setting at KNMI. Results show that a probabilistic approach of short term forecasting brings a quite different way of forecasters' information processing and decision making. Results of this pilot will be presented. An investigation has been made on end user short term forecast products potentially suitable to probabilistic approach. Results from the pilot will be used to determine operational implementation in both forecasting process and end user products. Development in the near future will be focused on probabilistic guidance for (severe) weather warnings and forecast products for nautical users. Dedicated, non-standard products will be developed, aimed at both forecasters and end users. I will show an overview of current and future developments at KNMI with respect to Glameps.