KNMI National poster

Royal Netherlands
Meteorological Institute
Ministry of Transport, Public Works and Water Management

Royal Netherlands Meteorological Institute (KNMI)

National poster presentation:
Gerrit Burgers
Head R&D Weather Service

National Poster contributions

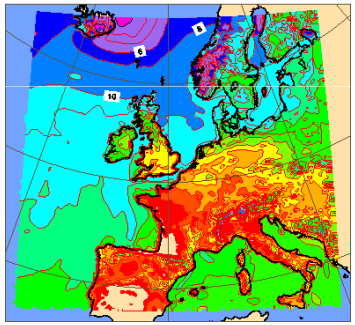
- Gerard Cats Running Hirlam on Graphical Processing Unit (GPU)
- Gertie Geertsema 100m wind climatology for regulation
- Siebren de Haan Assimilation of Mode-S aircraft observations
- Siebren de Haan Semi-operational Ascat assimilation
- Emiel van der Plas Harmonie for aviation
- Wim de Rooy Impact new convection/cloud scheme in HARMONIE
- Roel Stappers Extending the validity of the tangent assumption

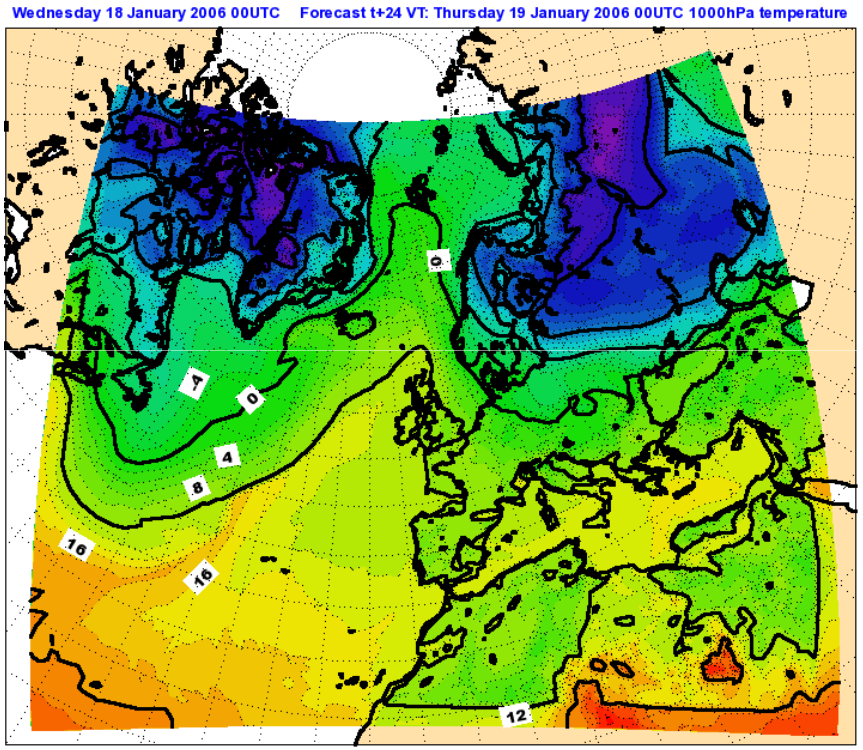
Operational model: Hirlam 11km

Version 7.2, 3-D VAR

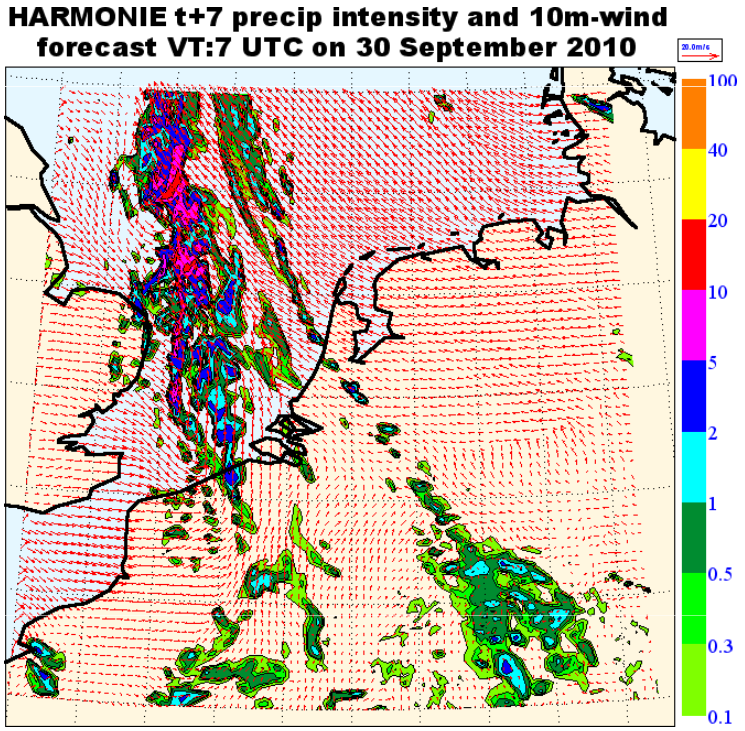
- Large domain (NE Atlantic/Europe)
  runs 4x/day, on ECMWF boundaries

- Small domain (Europe center)
  runs 8x/day, on Hirlam boundaries





Research / experimental model: Harmonie_AROME 2.5km

- Small domain, 300 x 300 points around NL
  2x/day, on Hirlam boundaries

- Working towards 1000 x 1000 points
  8x/day, planned for 2011