



Royal Netherlands
Meteorological Institute
*Ministry of Infrastructure and the
Environment*

Wind statistics for a nuclear release

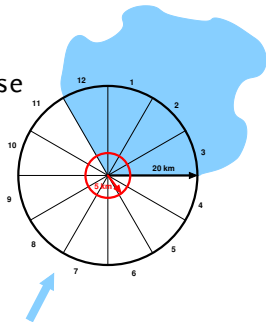
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KNMI & RIVM, NL



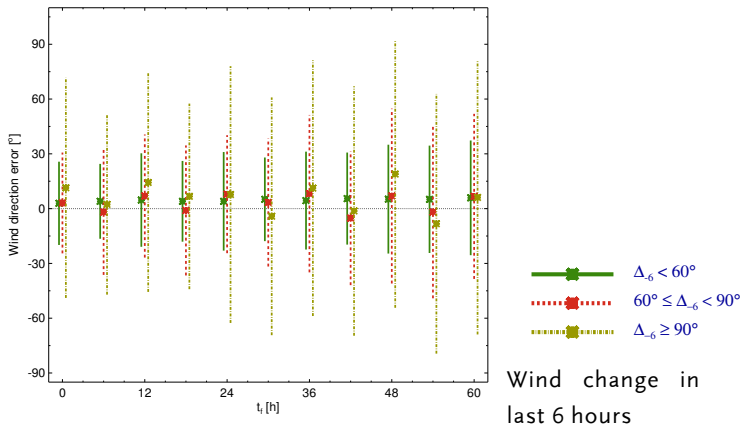
Wind statistics for a nuclear release

- 30° zones for action after a nuclear release
 - Uncertainty in wind direction forecast
 - Extent of the affected sector
-
- Location: Borssele (NL)
 - Model: ECMWF HRES: 1 Dec 2013 – 31 Dec 2014
 - Obs: Vlissingen (< 10 km): 1 Jun 2012 – 31 May 2015





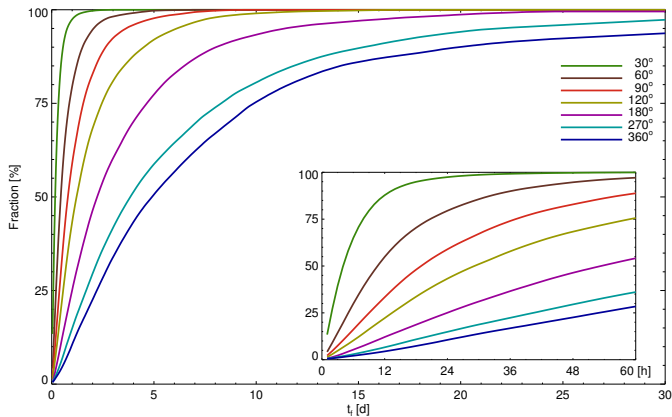
Uncertainty in wind direction forecast



Wind change in
last 6 hours



Cumulative sector coverage





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Thank you