7–10 June 2022 #UEF2022

UEF 2022

Visualising Meteorological Data



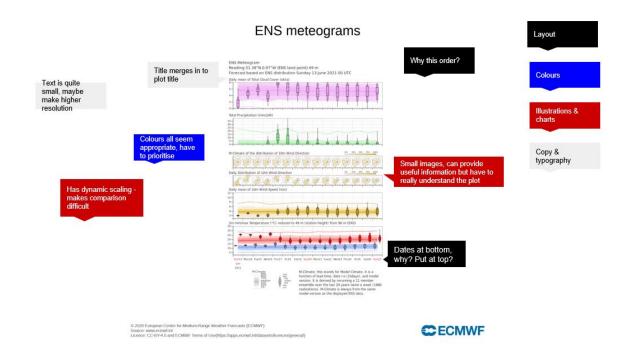


It started with UEF feedback and ideas and a training course...

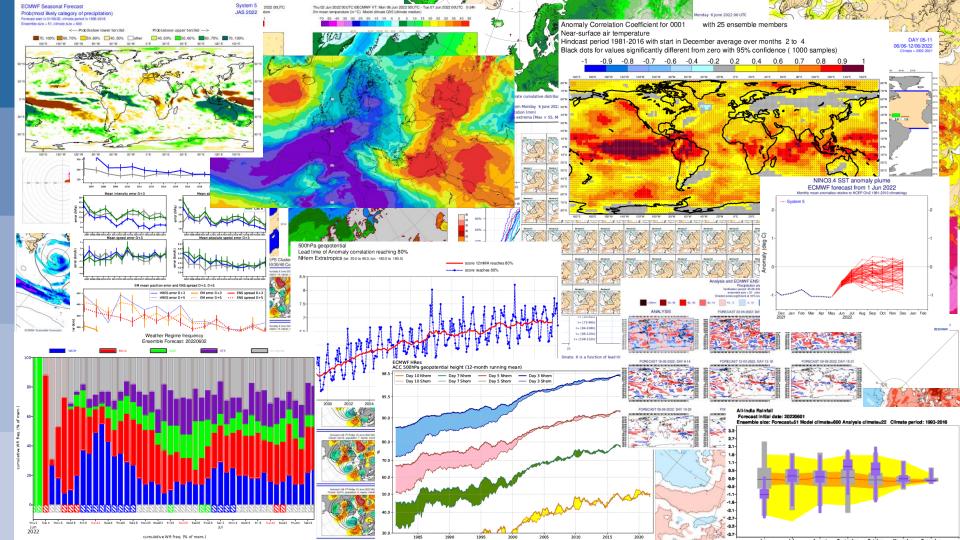




...and a exercise looking at ECMWF products



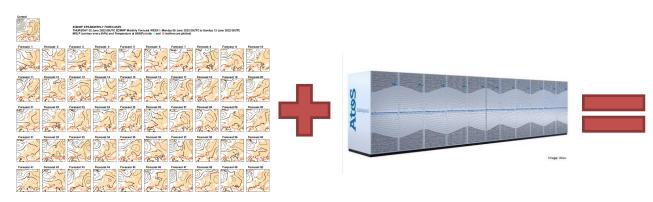




With the new Atos and 48r1...

Data volumes increase due to:

- Increased number of ensemble members
- Increased resolution
- More frequent runs

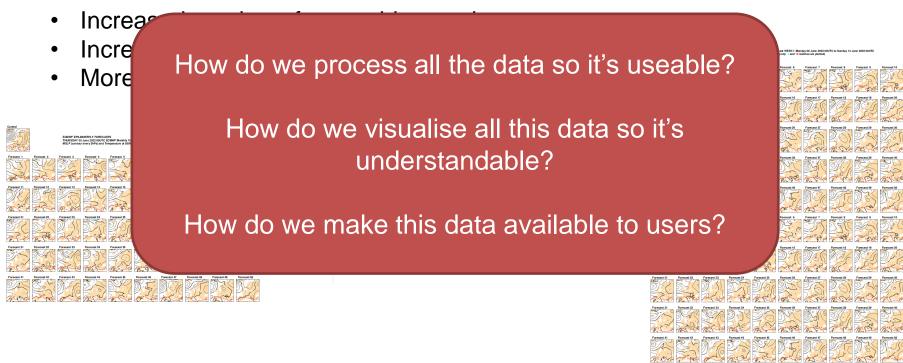






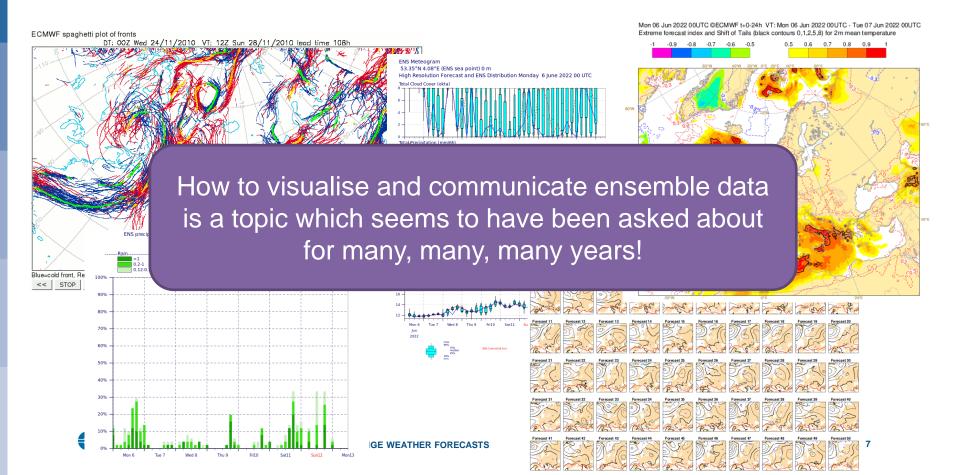
With the new Atos and 48r1...

Data volumes increase due to:



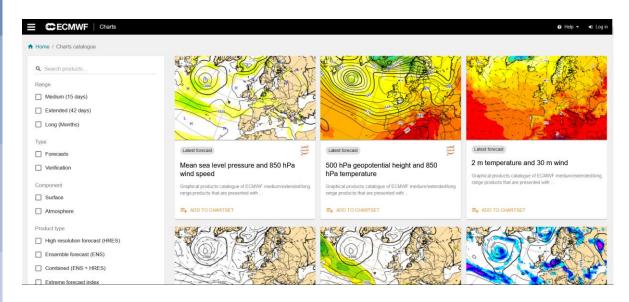


Ensemble Data visualisation and communication



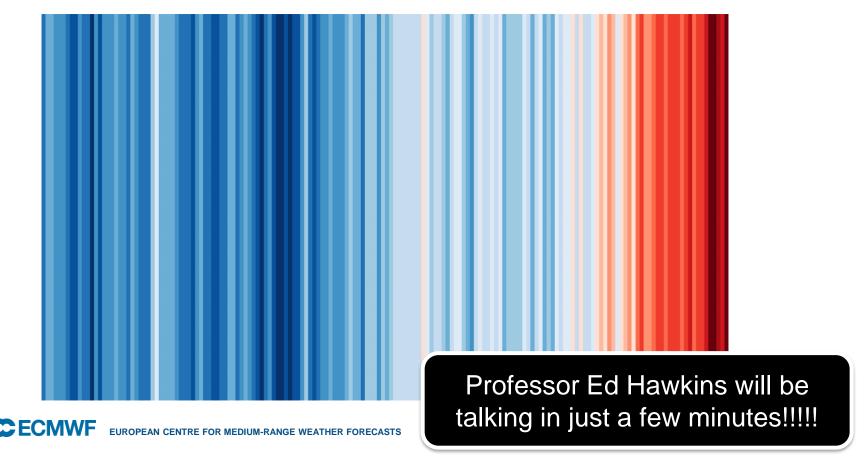
Open Data Initiatives

Need to not only make the raw data accessible but develop products which use it e.g. OpenCharts and Jupyter Notebooks





Climate Data Visualisation #ClimateStripes



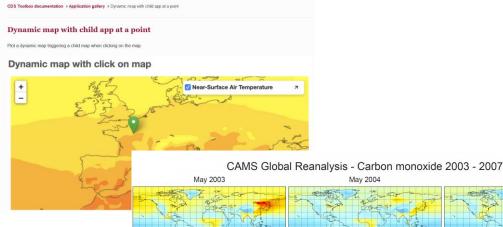


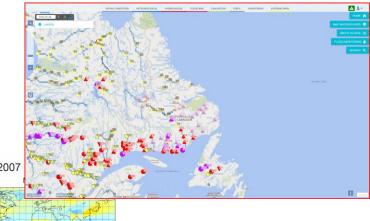


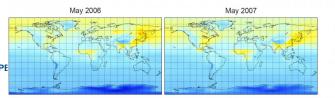
















UEF2022 Thematic Areas

- Presenting and visualising meteorological data
- Communicating forecast and climate data
- Technology to display and process meteorological data
- Data visualisation and understanding in other fields



11/12 June 2022

#VisMetHack

Hackathon 2022 Visualising Meteorological Data





Challenges:

- Visualising data #VisData
- Telling stories with data -#StorytellingData
- Data processing -#101MemberEnsemble
- Open #OpenHack

Encompassing meteorological, climate and hydrological data and visualisation!



11/12 June 2022 In-person at ECMWF HQ, Reading, UK

More information and registration:

- https://events.ecmwf.int/event/305/
- Google 'ECMWF Hackathon 2022'
- @ECMWF #VisMetHack on Twitter
- GitHub https://github.com/vismethack

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