ECMWF workshop on Model uncertainty

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ECMWF forecast and assimilation ranges

Medium range 3-10 days
Monthly range up to 45 days
Seasonal range up to a year

Reanalyses from 35 years up to century time scale
Medium range forecast skill

Forecast range at which the anomaly correlation drops below 80%
Medium range forecast skill – Normalised with reanalysis

HRES and ERA Interim 00,12UTC forecast skill
500hPa geopotential
Lead time of Anomaly correlation reaching 80%
NHem Extratropics (lat 20.0 to 90.0, lon -180.0 to 180.0)
A poor forecast

200 mb winds on 15 March 2014

error propagation