



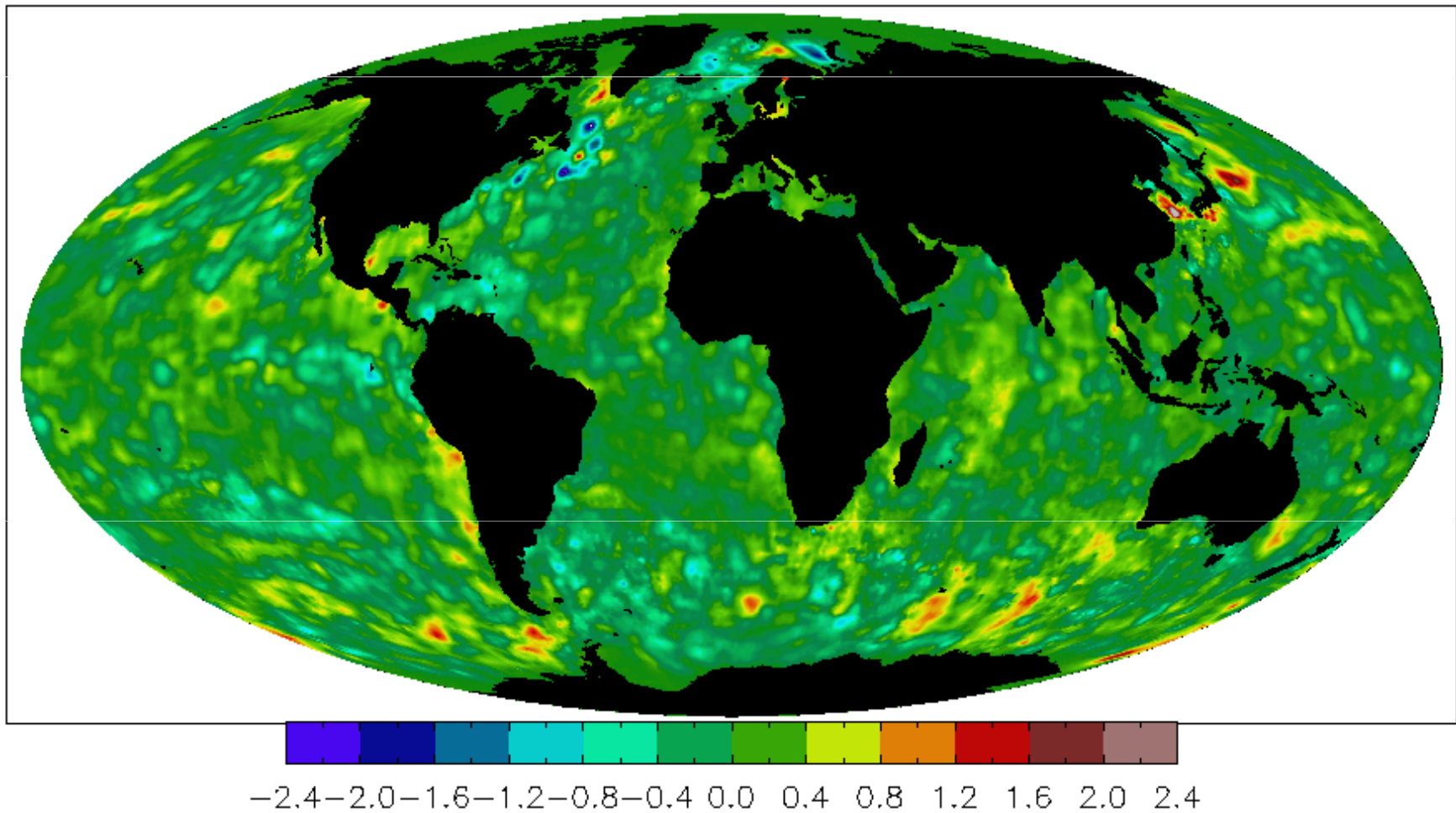
Met Office

New schemes to perturb near-surface variables in MOGREPS - global model aspects

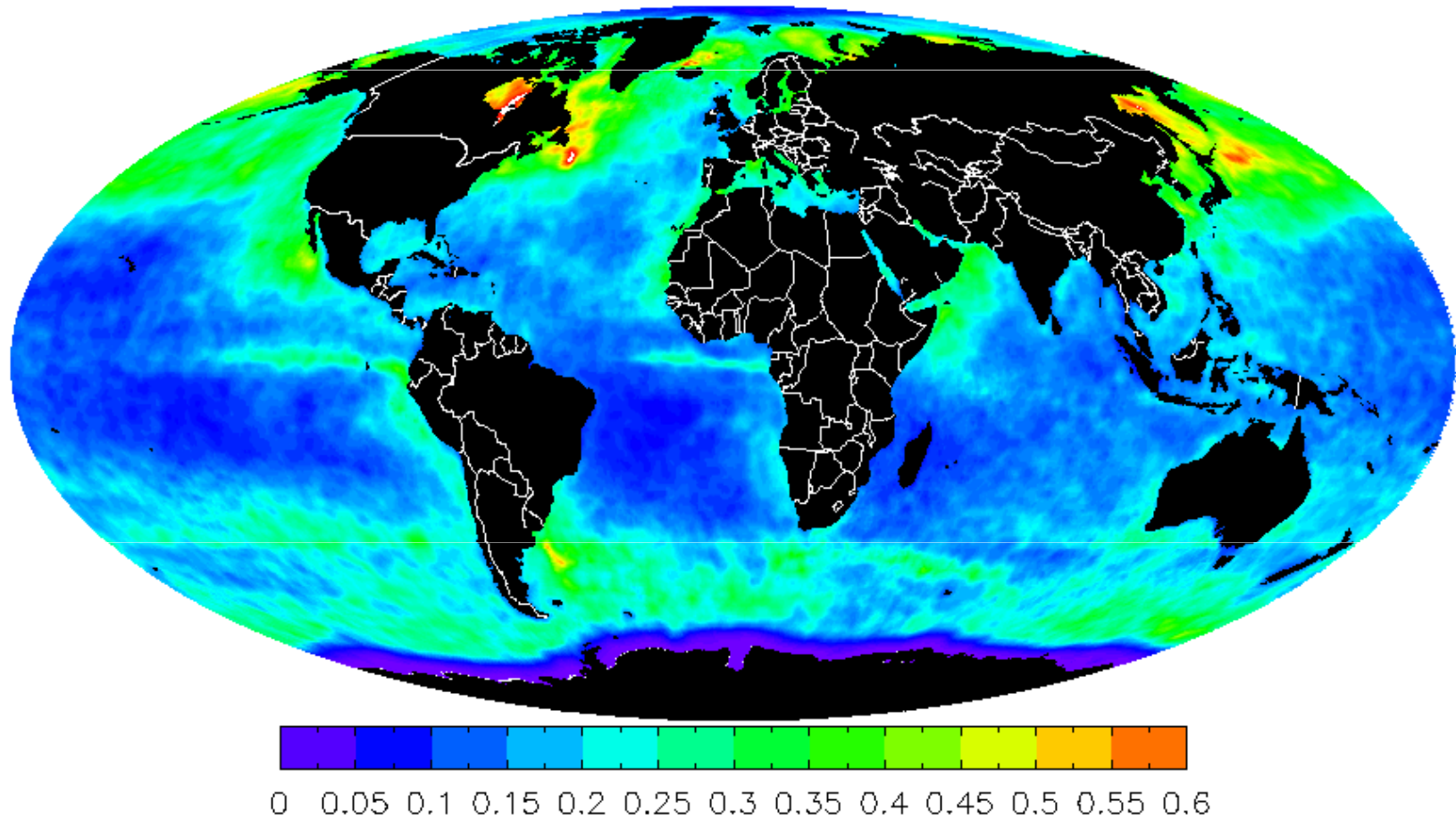
Warren Tennant and Sarah Beare

33rd EWGLAM and 18th SRNWP meetings
10th October - 13th October 2011, Tallinn, Estonia

Typical *day-to-day* δsst

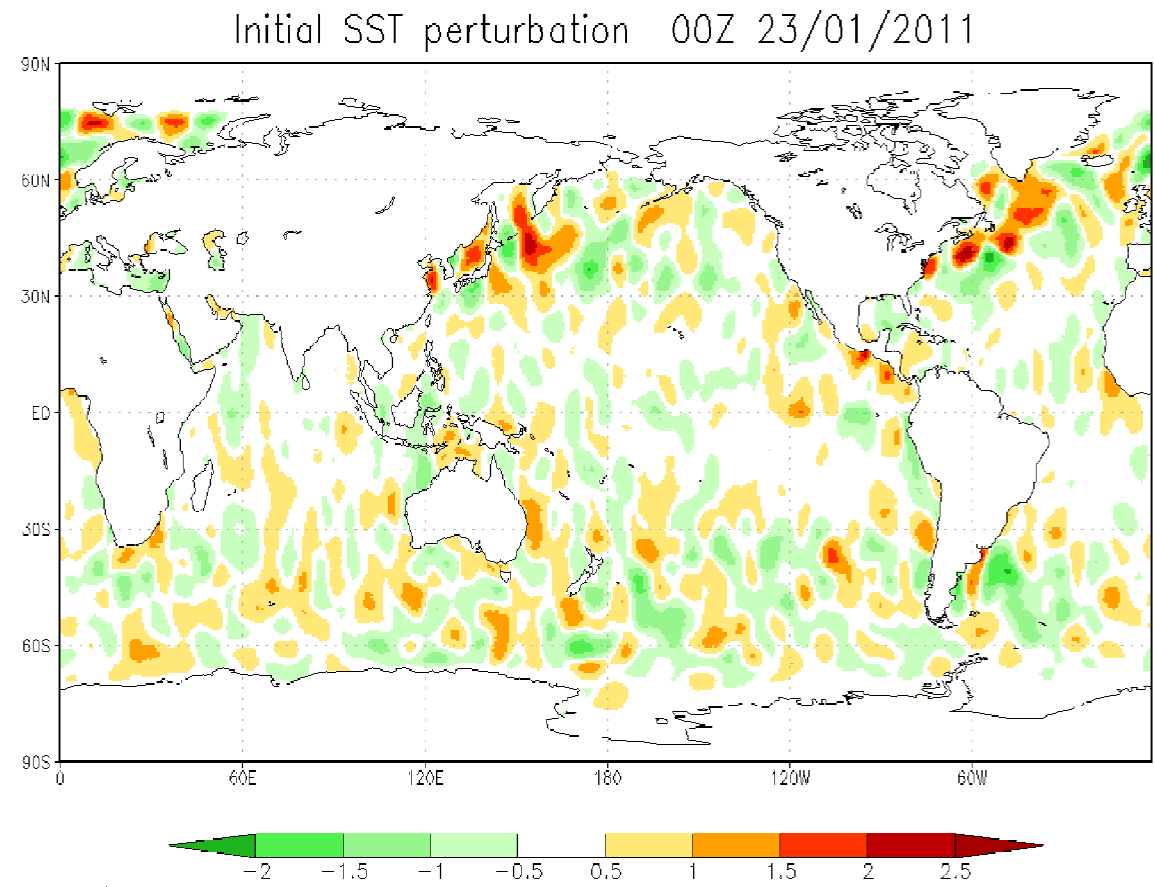
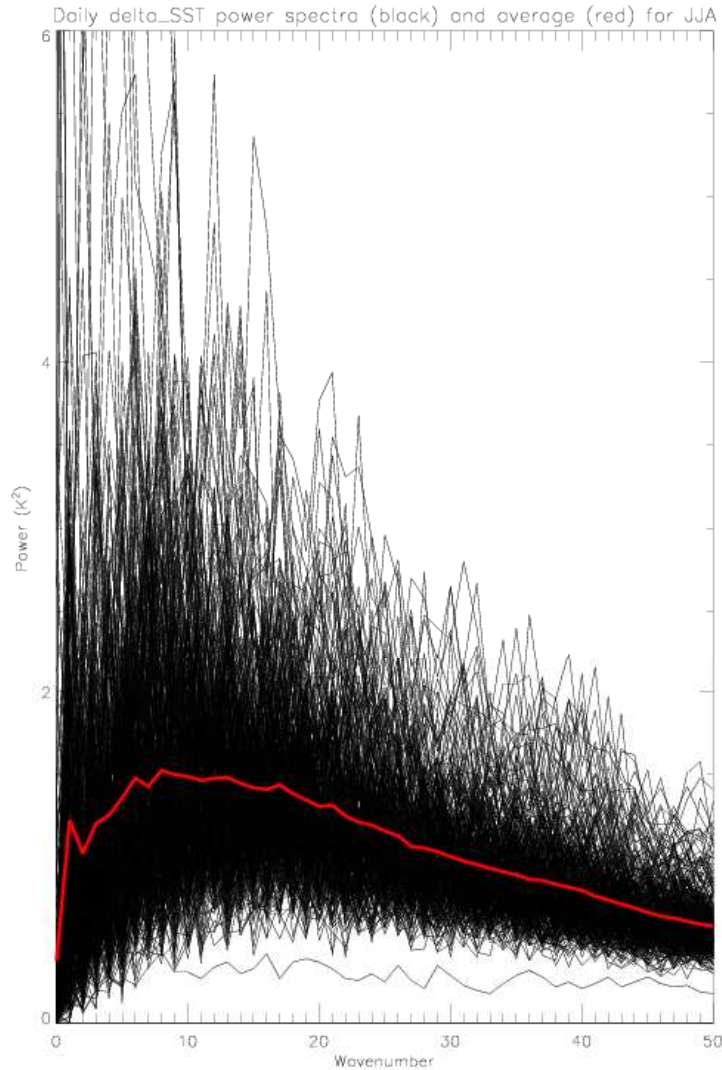


Average *day-to-day* δ sst for Jul





Power spectra and random forcing pattern design



GRADS: COLA/IGES

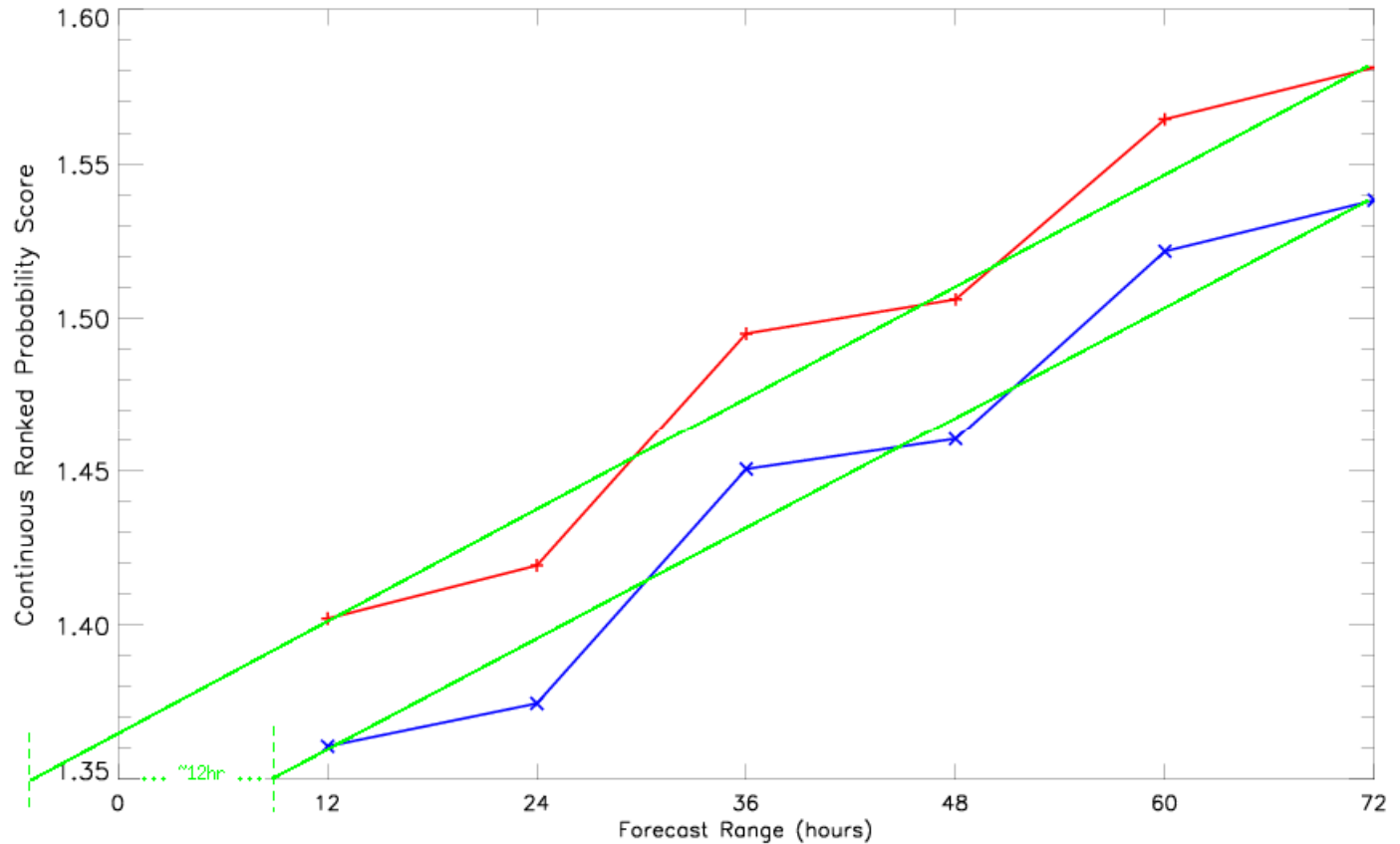
2011-05-04-10:29



SST Perturbations :: *verification scores*

Temperature (Kelvin) at Station Height: Surface Obs
Northern Hemisphere (MetO area 90N-30N)
Meaned from 1/7/2010 00Z to 31/7/2010 12Z

Cases: + M0GREPS-G_PS25 x M0GREPS-G_PS25+SSTPERT2.5





SMC Perturbations :: *verification scores*

Temperature (Kelvin) at Station Height: Surface Obs
Tropics (MetO area 30N-30S)
Meaned from 2/7/2010 00Z to 29/7/2010 12Z

