

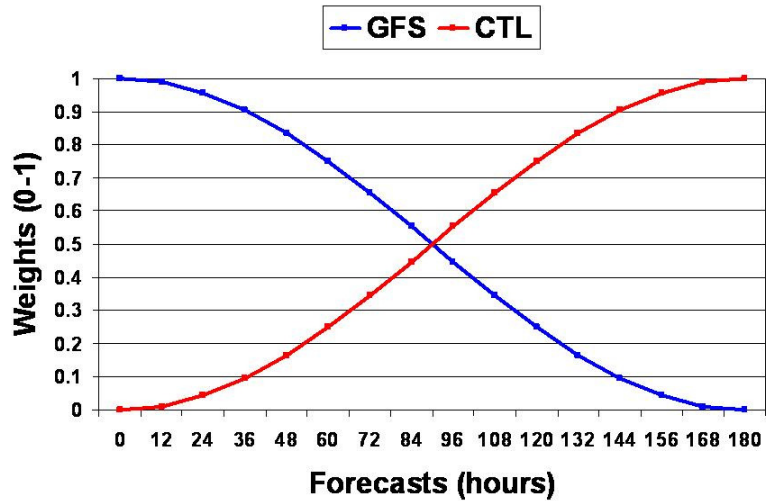
Statistical post process

hybrid high/low resolution forecast

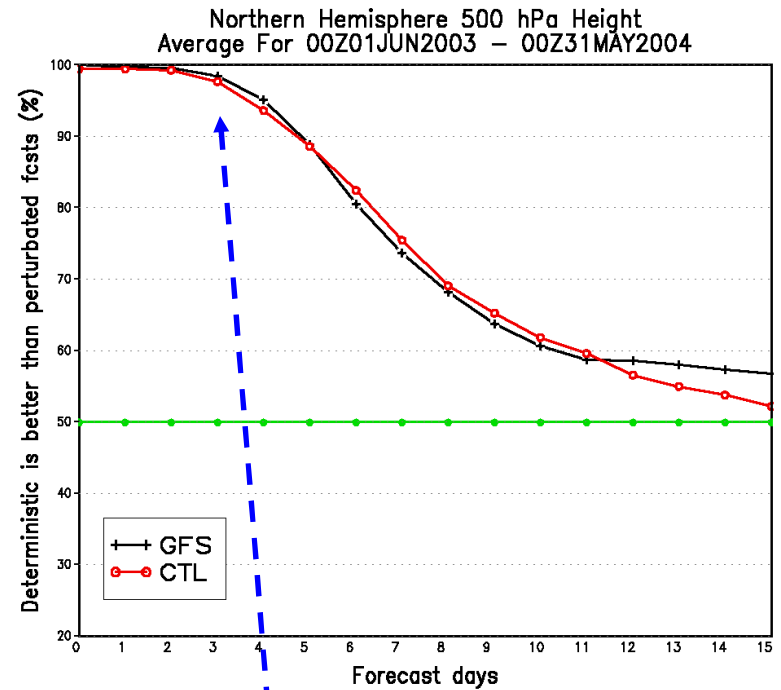
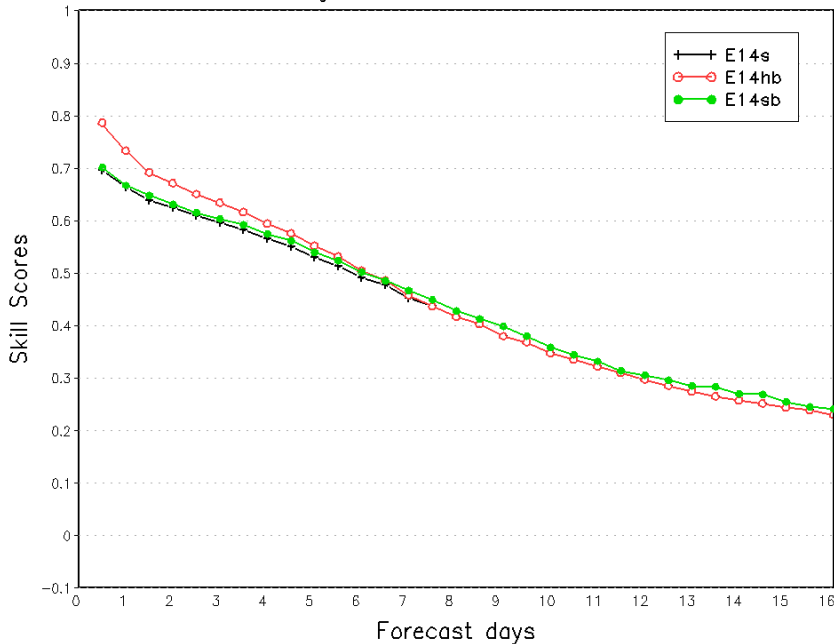
Yuejian Zhu

Environmental Modeling Center

Combined GFS and GEFS forecasts at first 180hr



Northern Hemisphere 2 Meter Temp.
ROC area (0-1)
Average For 20070301 - 20070510



GFS has more skill than ensemble control for short lead time

Combined GFS and GEFS Forecast has more skill (red) than GFS only (black)

Jun Du first introduced dual-resolution to SREF, by using constant weight