

Workshop on Numerical and computational methods for simulation of all-scale geophysical flows

THE STRENGTH OF A COMMON GOAL

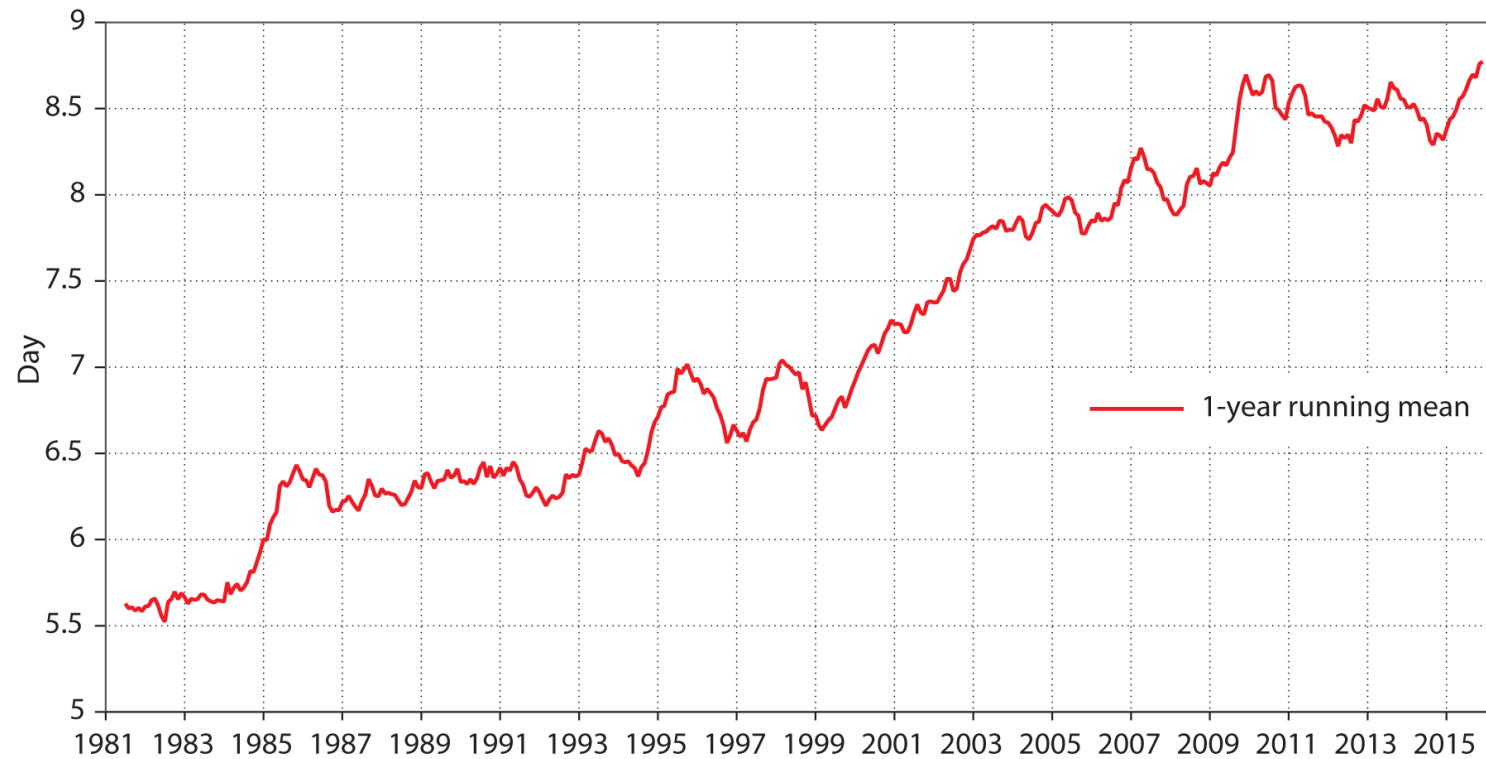
ECMWF's purpose is to develop a capability for medium-range weather forecasting and to provide such weather forecasts to the Member and Co-operating States

ECMWF is complementary to the National Meteorological Services and works with them in research, numerical weather predictions, supercomputing and training.



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Evolution of ECMWF medium-range skill over the past 35 years



The curve shows the number of days that forecasts provide useful information. This is defined as the day beyond which the Northern hemisphere, 500 hPa geopotential height anomaly correlation drops below 60%.

Comparison with other forecasting centres

500hPa geopotential

Anomaly correlation

S Hem Extratropics (lat -90.0 to -20.0, lon -180.0 to 180.0)

