SPECIAL PROJECT PROGRESS REPORT

Progress Reports should be 2 to 10 pages in length, depending on importance of the project. All the following mandatory information needs to be provided.

Reporting year	2018…………………………….……
Project Title:	Attributing predictable signals at subseasonal timescales………………………………………
	…………………………………………….……
Computer Project Account:	SPGBNORT……………………………………
Principal Investigator(s):	Warwick Norton………………………………….
Affiliation:	Citadel LLC……………………………………
Name of ECMWF scientist(s) collaborating to the project (if applicable)	…………………………………………….…… …………………………………………….……
Start date of the project:	January 2018……………………………………
Expected end date:	We have stopped the project as ERA5 back to 1979 is not available ……………………………………….……

Computer resources allocated/used for the current year and the previous one
(if applicable)
Please answer for all project resources

		Previous year		Current year	
		Allocated	Used	Allocated	Used
High Performance Computing Facility	(units)			40 million	0.03 million
Data storage capacity	(Gbytes)				

Summary of project objectives

(10 lines max)

- Interannual predictability of the NAO and PNA back to 1979
- Impact of tropical skill in interannual subseasonal extratropical predictability
- Subseasonal predictability from the tropics v initial conditions
- Role of the tropics and initial conditions in the NAO under prediction conundrum

Summary of problems encountered (if any)

(20 lines max)

We expected ERA5 (back to 1979) to be available in May 2018 and now it is not going to be available till end of 2018 (at the earliest).

Summary of results of the current year (from July of previous year to June of current year)

We tested 43r3 at To255L137 and TL255L137 initialised from ERA5 (possibly we were the first to test this configuration).

To255 was more expensive than we expected so we will continue to use TL255 for our experiments.

List of publications/reports from the project with complete references

None

Summary of plans for the continuation of the project

(10 lines max)

We cannot complete the project this year because of delays to ERA5.

We will not use any more supercomputer time this year and will resubmit a project for next year.