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 2019……..……

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 2019……

Expected end date: December 2019……..……

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	0.13 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)

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

We have successfully tested the following model configurations:

1. T255L137 initialized from ERA5 using model cycle 45r1

2. Same as above, but with relaxation in the topics to ERA5

List of publications/reports from the project with complete references

None

Summary of plans for the continuation of the project
(10 lines max)

Perform model experiments as specified in the proposal.