Table 1. Description of NorESM2 experiments. All experiments have a simulation length of 18 years running from the year 1200 to 1217.

Experiment		piControl	CYC6DUV	CYC6DUV60D	CYC6DUV60D_PS30D	CLIM6DUV
Description		Pre-industrial	Nudging run			
		control run				
Model		NorESM2				
Nudging	Variables		U and V currents			
	Data	N/A	Annual cycle from piControl			
			48-day MJO	60-day MJO	60-day MJO anomalies from	
			anomalies from	anomalies from	ECCO (shifted by 30 days	N/A
			ECCO	ECCO	relative to CYC6DUV60D)	
	Timescale		Daily with 6-day relaxation			
	Domain		40°E – 120°E, 10°S – 10°N			
			Tapering 2 degrees from boundaries			