MODEL VERSION	Documentation	Resolution	SSTs	RunID(s)	Platform	# years	Years	Notes	CAPE timescale (hr)	Simulation author	Data owner
GA3.0		N96	AMIP-II	akkvi	MO	30	1979-2008	All GA3.0 AMIP-II are set up like for CMIP5	1.5		D. Copsey
			AMIP-II	xgjbh,i,j,xgtxa	HECToR	30	1979-2008	4-member current climate ensemble	1.5		R. Schiemann
			AMIP-II	xgjbk	HECToR	5	1979-1983	Solar annual variability switched on (in N512 as well)	1.5		R. Schiemann
			Reynolds	akkvg	MO	27	1982-2008	No volcanic forcing	1.5		D. Copsey
			AMIP-II	akkvl	MO	30	1979-2008	Timeslice with delta SST from HadGEM2 RCP8.5	1.5		D. Copsey
			AMIP-II	akkvm	MO	30	1979-2008	Like akkvi: include N Atl cold bias from coupled model	1.5		D. Copsey
			AMIP-II	akkvn	MO	30	1979-2008	Like akkvm with delta SST from HadGEM2 RCP8.5	1.5		D. Copsey
		N216	AMIP-II	ajthm	MO	30	1979-2008	Current climate	1.5		M.J. Roberts
			AMIP-II	xggbc	MONSooN	20	1979-1998	Shorter CAPE=1hr	1		S.J. Bush
			AMIP-II	xggbd	MONSooN	10	1979-1988	N96-orography	1.5		S.J. Bush
			AMIP-II	ajthr	MO	30	1979-2008	Timeslice with delta SST from HadGEM2 RCP8.5	1.5		M.J. Roberts
		N320	AMIP-II	xflbp	MONSooN	30	1979-2008	Current climate	1		M.J. Roberts
			AMIP-II	xflbr	MONSooN	30	1979-2008	Timeslice with delta SST from HadGEM2 RCP8.5	1		M.J. Roberts
GA3.0 (UPSCALE)	Mizielinski, M. S. et al., 2014. High resolution global climate modelling; the UPSCALE project, a large simulation campaign. Geosci. Model Dev. 7, 1629-1640. doi: 10.5194/gmd-7-1629-2014	N96	OSTIA	xhqij,k,l,n,o	HECToR	26	1985-2011	UPSCALE current climate ensemble	1		R. Schiemann
			OSTIA	xhqip,q,r	HECToR	26	1985-2011	UPSCALE timeslice with delta SST from HadGEM2 RCP8.5	1		R. Schiemann
			OSTIA	xgyip	MONSooN	26	1985-2011	UPSCALE timeslice with delta SST from HadGEM2 RCP8.5	1		M. Mizielinski
		N216	OSTIA	xgxqo,p,q	HERMIT	26	1985-2011	UPSCALE current climate ensemble	1		M. Mizielinski
			OSTIA	xgyid,e,f	MONSooN	26	1985-2011	UPSCALE timeslice with delta SST from HadGEM2 RCP8.5	1		M. Mizielinski
		N512	OSTIA	xgxqe,f,g,h,i	HERMIT	26	1985-2011	UPSCALE current climate ensemble	1	PLV, MJR, MED, JS, RS, MM	M. Mizielinski
			OSTIA	xgxqk,l,m	HERMIT	26	1985-2011	UPSCALE timeslice with delta SST from HadGEM2 RCP8.5	1		M. Mizielinski
Between GA2.0 and GA3.0		N512	Reynolds	xfqzp,p2,q,r,s	HECToR	7 months	2005	5-member ensemble seasonal runs			P.L. Vidale
			OSTIA	xgylu,v,w	HECToR	7 months	2005	3-member ensemble seasonal runs			M.-E. Demory
			Reynolds	xgyla,b,d,e,g	HECToR	9 months	2003	5-member ensemble seasonal runs			M.-E. Demory
			Reynolds	xgylk,l,m,n,o	HECToR	9 months	2009	5-member ensemble seasonal runs			M.-E. Demory
			Reynolds	xgylp,q,r,s,t	HECToR	9 months	2010	5-member ensemble seasonal runs			M.-E. Demory
GA3.0 (coupled)		N96	ORCA1	ajtzr	MO	150		Years are nominal, average 1990's forcings	1.5		C. Harris
			ORCA025	akwry	MO	60			1.5		M. Mizielinski
		N216	ORCA025	xfhhk,amqlf[fr]	MONSooN/MO	450+					M. Mizielinski, M. Menary
				aofgc	MO	20+		1% year on year increase in CO2 starting from amqlr 2420			M. Menary
				aofge	MO	20		2 times CO2 abrupt change	1.5		M. Menary
GA4.0		N96	Reynolds	aljur	MO	27	1982-2008	GA4.0 are with no volcanic forcing	1		D. Copsey
		N216	Reynolds	xhcea	MONSooN	26	1982-2008	GA4.0 are with no volcanic forcing	1		M.J. Roberts/D. Copsey
		N512	Reynolds	xgxqr/xgxpr	HERMIT	26	1985-2011	Current climate (completion on MONSooN)	1		R. Schiemann
			Reynolds	xgxqs	HERMIT	9	2002-2011	Current climate with 1-hr radiation timestep	1		M. Mizielinski
			Reynolds	xgxqt	HERMIT	9	2002-2011	Current climate with 5-min timestep	1		M. Mizielinski
			Reynolds	xgxqx	HERMIT	26	1985-2011	Current climate with 1.5 x entrainment rate	1		M. Mizielinski
			Reynolds	xibda,b,c,d,e,f	HERMIT	1	2003-2004	6-member ensemble for 2003	1		M. Mizielinski
			Reynolds	xgxqy	HERMIT		not run	Future SST, present-day CO2	1		
			Reynolds	xgxqz	HERMIT	5	1985-1990	Present-day SST, future CO2	1		M. Mizielinski
		N1024	OSTIA	ampna,d,p,r	MO	4	2008-2012	Current climate, parametrised convection	1	MJR	M.J. Roberts
			OSTIA	ampnw,x	MO	4	2008-2012	Current climate, parametrised shallow convection	1	MJR	M.J. Roberts
			OSTIA	ampnn,t	MO	4	2008-2012	Current climate, fully explicit convection	1	MJR	M.J. Roberts
GA4.0 (coupled)		N96	ORCA1	aljyr	MO	135		Start from ocean forecast initial conditions	1		C. Harris
			ORCA025	aljym	MO	30		Start from ocean forecast initial conditions	1		C. Harris
			ORCA025	aljyf	MO	30		Start from ocean climatology	1		M.J. Roberts
		N144	ORCA025	amiua	MO	30		Start from ocean climatology	1		M.J. Roberts
		N216	ORCA025	xgusb	MO	40		Issues with ocean mixing parameters	1		D. Copsey
			ORCA025	alxze	MO	30		Start from ocean climatology	1		M.J. Roberts
		N512	ORCA025	alxdf	MO	34		Start from ocean climatology	1		M.J. Roberts
GA5.0 (#93)		N96	Reynolds	angma	MO	20	1989-2008	#93 is EndGame bug fix for theta increment	0.5		Markus Gross
			ESA-CCI	anbbf	MO	20	1991-2010	ESA CCI SST and sea-ice forcing	0.5		M.J. Roberts
			PCMDI	anbbn	MO	20	1991-2010	PCMDI SST and sea-ice	0.5		M.J. Roberts
			OSTIA	anbbh	MO	20	1991-2010	OSTIA SST and sea-ice forcing	0.5		M.J. Roberts
		N512	Reynolds	anbbd	MO	20	1989-2009	ENDGAME + bug fix for theta increment	0.5		M.J. Roberts
			PCMDI	anbbm	MO	20	1991-2010	PCMDI monthly SST and sea-ice	0.5		M.J. Roberts
			ESA-CCI	anbbe	MO	20	1991-2010	ESA CCI SST and sea-ice forcing	0.5		M.J. Roberts
		N1024	OSTIA	anbbp	MO	5	2008-2012	OSTIA SST and sea-ice forcing	0.5		M.J. Roberts
GA5.0 (coupled / GC1)		N96	ORCA025	anbaf	MO	100		ENDGAME pre-bug fix	0.5		C. Harris
		N216	ORCA025	anbag	MO	100		ENDGAME pre-bug fix	0.5		C. Harris
GA6.0	Walters, D. et al., 2017. The Met Office Unified Model Global Atmosphere 6.0/6.1 and JULES Global Land 6.0/6.1 configurations. Geosci. Model Dev. 10, 1487-1520. doi: 10.5194/gmd-10-1487-2017	N96	Reynolds	antja	MO	27	1982-2008				P. Earnshaw
		N216	Reynolds	antjb	MO	27	1982-2008				P. Earnshaw
		N512	Reynolds	anrid	MO	30	1982-2011				M.J. Roberts
				xjanu,xjle[cgi]	ARCHER	23	1982-2005			P.L. Vidale	K. Sivalingam P.L. Vidale
				xjklb	ARCHER	24	1982-2006	Canopy height ancillary perturbation		K Silvalingam	P.L. Vidale
		N480		xkrke	ARCHER	30	1982-2011	Control		PLV, RS, SJJ	P.L. Vidale
				xkrkf				N96 orographic ancillaries			
GC2	Williams, K. D. et al., 2015. The Met Office Global Coupled model 2.0 (GC2) configuration. Geoscientific Model Development 88, 1509–1524. doi:10.5194/gmd-88-1509-2015	N96	ORCA025	anqjm	MO	100		constant 1990 forcing			D. Copsey
				anque	MO	150		1% year on year increase in C02			T. Andrews
				anquf	MO	154		4x CO2 (abrupt step)			T. Andrews
		N216	ORCA025	anqjn	MO	100		constant 1990 forcing			D. Copsey
				anoyt, anqoc, anude	MO	170+		Pre-industrial control. Some changes in model config between jobs (SKEB2)			M. Andrews
				anquc	MO	149		1% year on year increase in C02			T. Andrews
				anqud	MO	171		4x CO2 (abrupt step)			T. Andrews
		N512	ORCA025	answg	MO	100					M.J. Roberts
GC2 (FEBBRAIO)		N512	ORCA025	xkjej	ARCHER	100		Initialised from answg in 2007. different platform providing perturbation, const. 1990 forcing		K Silvalingam	K. Sivalingam M. Mizielinski
				xklrb	ARCHER	100		As xkjej, but initialised with 2052 restart dump from answg, const. 1990 forcing		P.L. Vidale	P.L. Vidale M. Mizielinski
GC2.1	Hewitt, H. T. et al., 2016. The impact of resolving the Rossby radius at mid-latitudes in the ocean: Results from a high-resolution version of the Met Office GC2 coupled model. Geoscientific Model Development	N216	ORCA025	mi-ad575	MO	20					
		N512	ORCA1/12	mi-ad605 (1979-1994), mi-af344(1994-1998)	MO	20					
~GA7		N512		ab-377, ae-397, … ab-587, … ac-035, …	ARCHER		1957-2010	The entire runs are available in netCDF format on Elastic Tape for the HRCM workspace. A subset of the data is on Jasmin. http://collab.metoffice.gov.uk/twiki/bin/view/Project/HiResCL/Ab377Ab587Ac035OnJasmin		P.L. Vidale	
GC3.1 (PRIMAVERA/ HighResMIP with EasyAerosol)	http://collab.metoffice.gov.uk/twiki/bin/view/Project/HiResCL/HiResCLPRIMSimulations	N96 (ORCA025 mask)	highresSST-present	u-ai674		65	1950-2014				
		N96	PCMDI SSTs	u-ai819	MO	63	1950-2012			M.J. Roberts	
		N96 (ORCA025 mask)	highresSST-present with no stochastic	u-aj059		65	1950-2014	Both SPT and SKEB2 off			
GC3.1-LM		N96	highresSST-	u-ai674, u-ak681, u-ak687	MO	65	1950-2014	highresSST-present			
GC3.1-MM		N216	highresSST-	u-ai718, u-aj530, u-ak185	MO	65	1950-2014	highresSST-present			
GC3.1-HM		N512	highresSST-	u-ai685, u-aj558, u-aq581	MO	65	1950-2014	highresSST-present			
GC3.1-LM		N96 O025	highresSST-		MO	35	2015-2050	highresSST-future			
GC3.1-MM		N216	highresSST-		MO	35	2015-2050	highresSST-future			
GC3.1-HM		N512	highresSST-		MO	35	2015-2050	highresSST-future			
GC3.1-LL		N96 ORCA1		u-aj885	MO			spinup-1950			
~~GC3.1-LM~~		~~N96~~		~~u-aj209~~	~~MO~~			~~spinup-1950~~			
~~GC3.1-ML~~		~~N216~~		~~u-ak108~~	~~MO~~			~~spinup-1950~~			
GC3.1-MM		N216		u-ai758	MO			spinup-1950			
~~GC3.1-HM~~		~~N512~~		~~u-ai761~~	~~MO~~			~~spinup-1950~~			
GC3.1-LL		N96 ORCA1		u-ak306	MO	100	1950-2050	control-1950			
~~GC3.1-ML~~		~~N216~~		~~u-ap466~~	~~MO~~	~~100~~	~~1950-2050~~	~~control-1950~~			
GC3.1-MM		N216		u-aj368	MO	100	1950-2050	control-1950			
GC3.1-HM		N512		u-aj997	MO	100	1950-2050	control-1950			
~~GC3.1-HH~~		~~N512~~		~~u-al472~~	~~MO~~	~~100~~	~~1950-2050~~	~~control-1950~~			
GC3.1-LL		N96 ORCA1		u-ak356, u-ak731, u-ak743, u-ak938, u-ak965,	MO	65	1950-2014	hist-1950			
GC3.1-MM		N216		u-aj354, u-ak141, u-ak144, u-ar599	MO	65	1950-2014	hist-1950			
GC3.1-HM		N512		u-ak028, u-am164, u-ao685		65	1950-2014	hist-1950			
GC3.1-LL		N96 ORCA1				35	2015-2050	highres-future			
GC3.1-MM		N216				35	2015-2050	highres-future			
GC3.1-HM		N512				35	2015-2050	highres-future			