

Model version	Resolution	SSTs	Runid	Platform	Years	Notes	Simulation Author	Data Owner	Funding Agency
GA3.0	N96	AMIP-II	akkvi	MO	1979-2008	All GA3.0 AMIP-II are set up like for CMIP5 4-member current climate ensemble Solar annual variability switched on (in N512 as well) No volcanic forcing Timeslice with delta SST from HadGEM2 RCP8.5 Like akkvi: include N Atl cold bias from coupled model Like akkmv with delta SST from HadGEM2 RCP8.5 Current climate Shorter CAPE=1hr N96-orography Timeslice with delta SST from HadGEM2 RCP8.5 Current climate Timeslice with delta SST from HadGEM2 RCP8.5		D. Copesey	
		AMIP-II	xgjbh,i,j,xtgtxa	HECToR	1979-2008			R. Schiemann	NERC
		AMIP-II	xgjbk	HECToR	1979-1983			R. Schiemann	NERC
		Reynolds	akkvq	MO	1982-2008			D. Copesey	
		AMIP-II	akkvj	MO	1979-2008			D. Copesey	
	AMIP-II	akkmv	MO	1979-2008	D. Copesey				
	AMIP-II	akkmv	MO	1979-2008	D. Copesey				
	N216	AMIP-II	ajthm	MO	1979-2008			M.J. Roberts	
		AMIP-II	xggbk	MONSooN	1979-1998			S.J. Bush	JWCRP
		AMIP-II	xggbd	MONSooN	1979-1988			S.J. Bush	JWCRP
N320	AMIP-II	ajthr	MO	1979-2008	M.J. Roberts				
	AMIP-II	xflbp	MONSooN	1979-2008	M.J. Roberts	JWCRP			
AMIP-II	xflbr	MONSooN	1979-2008	M.J. Roberts	JWCRP				
GA3.0-UPSCALE	N96	OSTIA	xhqij,k,l,n,o	HECToR	1985-2011	UPSCALE current climate ensemble		R. Schiemann	NERC
		OSTIA	xhqir,s	HECToR	1985-2011	UPSCALE timeslice with delta SST from HadGEM2 RCP8.5		R. Schiemann	NERC
	OSTIA	xgyip	MONSooN	1985-2011	UPSCALE timeslice with delta SST from HadGEM2 RCP8.5	M. Mizielinski		JWCRP	
	N216	OSTIA	xgxpq,p,q	HERMIT	1985-2011	UPSCALE current climate ensemble		M. Mizielinski	PRACE
		OSTIA	xgyid,e,f	MONSooN	1985-2011	UPSCALE timeslice with delta SST from HadGEM2 RCP8.5		M. Mizielinski	JWCRP
N512	OSTIA	xgxae,f,g,h,i	HERMIT	1985-2011	UPSCALE current climate ensemble	PLV, MJR, MED, JS, RS, MM	M. Mizielinski	PRACE	
OSTIA	xgxaq,l,m	HERMIT	1985-2011	UPSCALE timeslice with delta SST from HadGEM2 RCP8.5	M. Mizielinski	PRACE			
(between GA2.0 and GA3.0)	N512	Reynolds	xfqzp,p2,q,r,s	HECToR	2005	5-member ensemble seasonal runs		P.L. Vidale	NERC
		OSTIA	xgyiu,v,w	HECToR	2005	3-member ensemble seasonal runs		M.-E. Demory	NERC
		Reynolds	xgyia,b,d,e,g	HECToR	2003	5-member ensemble seasonal runs		M.-E. Demory	NERC
		Reynolds	xgyik,l,m,n,o	HECToR	2009	5-member ensemble seasonal runs		M.-E. Demory	NERC
		Reynolds	xgyip,q,r,s,t	HECToR	2010	5-member ensemble seasonal runs		M.-E. Demory	NERC
GA3.0-couple	N96	ORCA1	ajtzt	MO		Years are nominal, average 1990's forcings		C. Harris	
		ORCA025	akwrv	MO				M. Mizielinski	
N216	ORCA025	xfhkh,amql[fr]	MONSooN/MO			1% year on year increase in CO2 starting from amqlr 2420		M. Menary	
	ORCA025	aofgc	MO			2 times CO2 abrupt change		M. Menary	
ORCA025	aofge	MO						M. Menary	
GA4.0	N96	Reynolds	alivr	MO	1982-2008	GA4.0 are with no volcanic forcing		D. Copesey	
		Reynolds	xhcea	MONSooN	1982-2008	GA4.0 are with no volcanic forcing		M.J. Roberts/D. Copesey	
	N216	Reynolds	xgxpq/xgxp	HERMIT	1985-2011	Current climate (completion on MONSooN)		R. Schiemann	PRACE
		Reynolds	xgxpq	HERMIT	2002-2011	Current climate with 1-hr radiation timestep		M. Mizielinski	PRACE
	N512	Reynolds	xgxtt	HERMIT	2002-2011	Current climate with 5-min timestep		M. Mizielinski	PRACE
		Reynolds	xgxpq	HERMIT	1985-2011	Current climate with 1.5 x entrainment rate		M. Mizielinski	PRACE
	Reynolds	xibda,b,c,d,e,f	HERMIT	2003-2004	6-member ensemble for 2003	M. Mizielinski		PRACE	
	Reynolds	xgxpq	HERMIT	not run	Future SST, present-day CO2			PRACE	
	Reynolds	xgxpq	HERMIT	1985-1990	Present-day SST, future CO2			M. Mizielinski	PRACE
	N1024	OSTIA	ampna,d,p,r	MO	2008-2012	Current climate, parametrised convection		MJR	M.J. Roberts
OSTIA		ampnw,x	MO	2008-2012	Current climate, parametrised shallow convection	MJR	M.J. Roberts		
OSTIA		ampnn,t	MO	2008-2012	Current climate, fully explicit convection	MJR	M.J. Roberts		
GA4.0-couple	N96	ORCA1	aljyr	MO		Start from ocean forecast initial conditions Start from ocean forecast initial conditions Start from ocean climatology Start from ocean climatology Issues with ocean mixing parameters Start from ocean climatology Start from ocean climatology		C. Harris	
		ORCA025	aljym	MO				C. Harris	
		ORCA025	alxvf	MO				M.J. Roberts	
	N144	ORCA025	amiua	MO				M.J. Roberts	
		ORCA025	xgusb	MO				D. Copesey	
N216	ORCA025	alxze	MO	M.J. Roberts					
	ORCA025	alxdf	MO	M.J. Roberts					
GA5.0#93	N96	Reynolds	angma	MO	1989-2008	#93 is EndGame bug fix for theta increment		Markus Gross	
		ESA-CCI	anbbf	MO	1991-2010	ESA CCI SST and sea-ice forcing		M.J. Roberts	
		PCMDI	anbbn	MO	1991-2010	PCMDI SST and sea-ice		M.J. Roberts	
	N512	OSTIA	anbbh	MO	1991-2010	OSTIA SST and sea-ice forcing		M.J. Roberts	
		Reynolds	anbbd	MO	1989-2009	ENDGAME + bug fix for theta increment		M.J. Roberts	
		PCMDI	anbbm	MO	1991-2010	PCMDI monthly SST and sea-ice		M.J. Roberts	
N1024	ESA-CCI	anbbe	MO	1991-2010	ESA CCI SST and sea-ice forcing	M.J. Roberts			
	OSTIA	anbbp	MO	2008-2012	OSTIA SST and sea-ice forcing	M.J. Roberts			
GA5.0-coupled	N96	ORCA025	anbaf	MO		ENDGAME pre-bug fix		C. Harris	
		ORCA025	anbag	MO		ENDGAME pre-bug fix		C. Harris	
GA6.0	N96	Reynolds	antia	MO	1982-2008			P. Earnshaw	
		Reynolds	antib	MO	1982-2008			P. Earnshaw	
	N216	Reynolds	anrid	MO	1982-2011			M.J. Roberts	
		Reynolds	xjanu,xjle[cgil]	ARCHER	1982-2005			P.L. Vidale	K. Sivalingam
	N480		xjklb	ARCHER	1982-2006			Canopy height ancillary perturbation	K Sivalingam
		xkrke	ARCHER	1982-2011	Control			P.L. Vidale	
		xkrkf	ARCHER	1982-2011	N96 orographic ancillaries	PLV, RS, SJ		P.L. Vidale	
GC2	N96	ORCA025	anqjm	MO		constant 1990 forcing 1% year on year increase in CO2 4x CO2 (abrupt step) constant 1990 forcing Pre-industrial control. Some changes in model config between jobs (SKEB2) 1% year on year increase in CO2 4x CO2 (abrupt step)		D. Copesey	
		ORCA025	anque	MO				T. Andrews	
		ORCA025	anquf	MO				T. Andrews	
	N216	ORCA025	anqjn	MO				D. Copesey	
		ORCA025	anoyt, anqoc, anude	MO				M. Andrews	
N512	ORCA025	anquc	MO	T. Andrews					
	ORCA025	anqud	MO	T. Andrews					
ORCA025	answg	MO	M.J. Roberts	MO					
GC2(FEBBR AIO)	N512	ORCA025	xkjej	ARCHER		Initialised from answg in 2007. different platform providing perturbation, const. 1990 forcing	K Sivalingam	K. Sivalingam	NERC
		ORCA025	xklrb	ARCHER		As xkjej, but initialised with 2052 restart dump from answg, const. 1990 forcing	P.L. Vidale	P.L. Vidale	NERC
GC2.1	N216	ORCA025	mi-ad575	MO					
		ORCA1/12	mi-ad605 (1979-1994), mi-af344(1994-1998)	MO					
~GA7	N512		ab-377, ae-397, ... ab-587, ... ac-035, ...	ARCHER	1957-2010 (?)		P.L. Vidale		
GC3.1 (PRIMAVER A/HighRes MIP with EasyAerosol)	N96	ORCA025	highresSST-present	MO	1950-2014			M.J. Roberts	
		ORCA025	PCMDI SSTs	MO	1950-2012				
		ORCA025	highresSST-present with no stochastic	MO	1950-2014	Both SPT and SKEB2 off			