Table 1: Initialization of Coupled Models

Institution	Model name	Atmosphere Initialization	Ocean initialization	Coupled shock reduction	Flux adjustments
NRL (USA)		Equilibrium prescribed SSTs	Equilibrium restore SST and SSS	?	Annual mean only heat water
UKMO (UK)					
	orig.	Equilibrium prescribed SSTs	Equilibrium restore SST and SSS	1. Ran model in cpld restore, computed FA 2. ran no restore 3. ran restore, recompute FA 4. ran no restore	heat water
	test1	Equilibrium prescribed SSTs	Not equil. Levitus		none

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MPI (Germany)					
	ECHAM1+ LSG	unknown	Equilibrium 5000 yrs - restore SST and SSS	none	heat water wind stress
	ECHAM4+ OPYC	Equilibrium prescribed SSTs - 10 yr + 10 yr	Equilibrium 2000 yrs - obs fluxes	1. last 50 yrs of ocn only used atm fluxes 2. last 10 yrs of atm only used ocn only SSTs	heat water
MRI (Japan)		quasi-equil. - 2.5 yrs prescribed SSTs	Equilibrium restore SST and SSS	use atm fluxes in ocn only	heat water
NCAR (USA)					
	CSM	Equilibrium prescribed SSTs	Equilibrium restore SST and SSS	Fluxes anons. from atm used to drive ocn with no restoring	none
	Wash & Meehl	Equilibrium mixed layer model	Not equil. Levitus 100 yrs?	none	none

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GFDL (USA)					
	annual mean	Equilibrium cpld restore accel meth-ods	Equilibrium cpld restore accel meth-ods	cpld restore accel meth-ods	water
	seasonal	Equilibrium prescribed SSTs 20 yrs	Equilibrium restore SST and SSS 2000+ yrs	atm fluxes used in ocn only	heat water
GISS (USA)					
	Russel et al.	Not equil. Dec 1, 1977 0 yrs	Not equil Dec Levitus 0 yrs	none	none
	Miller et al.	Equil. AMIP SSTs 10 yrs	Equilibrium 6000+ yrs - restore SST and SSS	atm fluxes (wind only) used in ocn only	none
LMD (France)		Not equil. Jan 1, 1980 AMIP 0 yrs	Not equil. Jan Levitus 0 years	none	none

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COLA (USA)					
	model 1	Equilibrium prescribed SSTs	Not equil. Levitus, 0 years	1. not use first 3 yrs of cpld. 2. if low res., not use first 50 yrs.	none
	model 2	Equilibrium prescribed SSTs	Equilibrium restore SST and SSS	use atm fluxes in ocn only	
CSIRO (Australia)		Equilibrium prescribed SSTs NOTE: sea ice included with atm only	Equilibrium restore SST and SSS	none	heat water wind stress
GASTON (France)					
	Cerfacs	Jan 1 of 10th yr of AMIP run 0 yrs	Not equil. Jan Levitus, 10 years with restor-ing through-out ocean	7 years - cpld restore	none
	IPSL	equilibrium prescribed SSTs	Not equil. Levitus, 10 years	7 years - cpld restore	none

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Institution	Model name	Atmosphere Initializ-ation	Ocean initializ-ation	Coupled shock reduction	Flux adjustments
BMRC (Australia)					
	old	Equilibrium prescribed SSTs	Equilibrium restore SST and SSS	none	heat water
	new	Equilibrium prescribed SSTs	Not equil. Levitus		none
CCCMA (Canada)		Equilibrium prescribed SSTs - 20 year	Equilibrium restore SST and SSS - >4000 years 30 day restoring	1. 14 yrs cpld restore with 60 day restoring 2. 5 yrs cpld restore with mod FA 3. start exp at year 20 of cpld run	heat water
CCSR (Japan)		Equilibrium prescribed SSTs - 20 year	Equilibrium restore SST and SSS - 6000 years	1. use atm fluxes in ocn only 2. cpld restore - 40 years	heat water