

<b>Model</b>	<b>CAM4</b>	<b>CAM5</b>	<b>RASM WRF</b>
Boundary Layer	Holtzlag & Boville	UW Diagnostic TKE (Park et al., 2009)	YSU (Hong, Noh and Dudhia 2006)
Shallow Convection	Hack (Hack, 1994)	UW TKE/CIN (Park et al., 2009)	N/A
Stratiform Cloud	Rasch & Kristjansson (Single Moment)	Morrison & Gettelman (Double Moment) & Park Macrophysics (Park et al., 2010)	Goddard (Tao, Simpson and McCumber 1989)
Radiation	CAMRT (Collins et al., 2001)	RRTMG (Iacono et al., 2008)	CAM (Collins et al., 2004)
Aerosols	Bulk Aerosol Model	Modal Aerosol Model (Ghan et al., 2010)	N/A

**Table 1:** Changes made between CAM4 and CAM5. RASM WRF physics options also included for comparison.