

Name	Period	Lightning $N$	Description
base	2003–2012	1.2 Tg	base run as released
lght*2	2008	2.4 Tg	as base run but with doubled lightning emissions
lght*4	2008	4.8 Tg	as base run but with quadrupled lightning emissions
no_het_HNO <sub>3</sub>	2008	1.2 Tg	as base run but without the heterogeneous loss reaction of HNO <sub>3</sub>