

Model	Resolution (lat \times long \times layers)	Meteorology	Model reference
CAM-chem	$1.9^\circ \times 2.5^\circ \times 56$	GEOS5 v5.2	Tilmes et al. (2016)
CHASER	$2.8^\circ \times 2.8^\circ \times 32$	ERA-Interim and HadISST	Sudo et al. (2002)
EMEP	$0.5^\circ \times 0.5^\circ \times 20$	ECMWF-IFS	Simpson et al. (2012)
GEOS5	$1.0^\circ \times 0.75^\circ \times 72$	MERRA	Rienecker et al. (2008)
GEOSCHEMADJOINT	$2.0^\circ \times 2.5^\circ \times 72$	MERRA	Henze et al. (2007)
SPRINTARS	$1.1^\circ \times 1.1^\circ \times 56$	ECMWF Interim	Takemura et al. (2005)
Model ensemble mean	$2.8^\circ \times 2.8^\circ \times 32$	–	–