

Years of simulation	1960–2015	2020–2069
Type of simulation	Reference	Base (RCP4.5) + G4 + G4K
Ensemble size	2	1 + 2 + 2
Horizontal and vertical resolution	5° × 6°, L126 log-pressure top: 0.04 hPa	
Chemistry	Online (strat & trop)	
Dynamics	Calculated ^a	Calculated ^b
QBO	Nudged (from eqt. wind obs.)	Nudged (iteration of observed cycles of eqt. winds)
Altitude of equatorial injection of SO ₂ in G4 (8 Tg-SO ₂ yr ⁻¹)	–	18–25 km (Gaussian distribution)