

	“True” atmosphere	Prior estimate and parameters
State vector (\mathbf{x})		
Gridded emission rates ^a	Posterior from GOSAT analysis ^b	EDGAR v4.3.2+ WetCHARTs ^c
Global OH concentration $(\tau_{\text{CH}_4}^{\text{OH}})^d$	8.6 years	7.5 years
Parameters		
OH distribution	GEOS-Chem v5, ACCMIP ^e	GEOS-Chem v11
Meteorological field ^f	GEOS-FP	MERRA-2