

	Region			Source		CH ₄ ^b
	Whole atmosphere	Tropo.	Strat.	Tropo.	Strat.	Tropo.
Climate (Clm–Cnt) ^c	-70 ± 102	-40 ± 42	-30 ± 35	-20 ± 21	-50 ± 57	-8
Lightning (Ltn–Clm) ^c	104 ± 108	105 ± 45	1 ± 37	79 ± 34	24 ± 48	-11
O ₃ recovery (O3r–Ltn) ^d	163 ± 109	46 ± 47	117 ± 38	1 ± 1	163 ± 84	2
Methane (Mth–O3r) ^c	238 ± 113	193 ± 51	45 ± 39	160 ± 42	78 ± 48	63
Total	435 ± 108	303 ± 48	132 ± 37	220 ± 13	214 ± 72	46