

Name	O <sub>3</sub> burden	Production	Loss	Net. chem.	Deposition	STE	Lifetime	CH <sub>4</sub> lifetime <sup>a</sup>	Avg. OH
Units	Tg	Tg yr <sup>-1</sup>	Tg yr <sup>-1</sup>	Tg yr <sup>-1</sup>	Tg yr <sup>-1</sup>	Tg yr <sup>-1</sup>	days	years	10 <sup>5</sup> molec. cm <sup>-3</sup>
base	321	5309	4866	443	791	348	20.9	9.87 (8.56)	10.6
lght*2	347	5752	5254	497	821	324	21.1	9.15 (7.90)	11.8
lght*4	382	6357	5794	563	868	305	21.1	8.28 (7.11)	13.5
no_het_HNO <sub>3</sub>	337	5620	5083	537	923	386	21.0	9.22 (7.94)	11.4
Stevenson et al. (2006) <sup>b c</sup>	336 ± 27	4974 ± 223	4577 ± 291	397	953 ± 154	556 ± 154	22.2 ± 2.2		
Young et al. (2013) <sup>d</sup>	337 ± 23	5110 ± 606	4668 ± 727	442	1003 ± 200	552 ± 168	22.3 ± 2.0		
Naik et al. (2013) <sup>c</sup>								9.7 ± 1.5	11.1 ± 1.6
Lamarque et al. (2012) <sup>e</sup>	328	4897	4604	293	705	411	26.0	8.7	
Jöckel et al. (2016)								(7.65)	