

Reaction			Loss (Tg yr ⁻¹)		Production (Tg yr ⁻¹)	
(R2)	DMS + OH	[DMS]	24.0 (31.4)	→	24.7 (32.4)	[SO ₂]
(R3)	DMS + OH	[DMS]	20.6 (26.7)	$\xrightarrow{0.75}$	16.0 (20.7)	[SO ₂]
				$\xrightarrow{0.029}$	1.62 (2.10)	[SOA _{LV}]
				$\xrightarrow{0.114}$	6.38 (8.26)	[SOA _{SV}]
(R4)	DMS + NO ₃	[DMS]	26.3 (10.4)	→	27.1 (10.7)	[SO ₂]
(R5)	monoterpene + OH	[monoterpene]	41.3 (50.6)	$\xrightarrow{0.15}$	7.65 (9.37)	[SOA _{SV}]
(R6)	monoterpene + O ₃	[monoterpene]	45.2 (51.4)	$\xrightarrow{0.15}$	8.38 (9.53)	[SOA _{LV}]
(R7)	monoterpene + NO ₃	[monoterpene]	32.8 (12.7)	$\xrightarrow{0.15}$	6.09 (2.36)	[SOA _{SV}]
(R8)	isoprene + OH	[isoprene]	376 (376)	$\xrightarrow{0.05}$	46.4 (46.4)	[SOA _{SV}]
(R9)	isoprene + O ₃	[isoprene]	26.7 (27.6)	$\xrightarrow{0.05}$	3.30 (3.41)	[SOA _{SV}]
(R10)	isoprene + NO ₃	[isoprene]	21.8 (6.72)	$\xrightarrow{0.05}$	2.70 (0.830)	[SOA _{SV}]
(R2)	SO ₂ + OH + <i>M</i>	[SO ₂]	10.4 (10.1)	→	16.0 (15.5)	[H ₂ SO ₄]
(aq)	SO ₂ + O ₃	[SO ₂]	14.6 (14.8)	→	21.9 (22.3)	[SO ₄]
(aq)	SO ₂ + H ₂ O ₂	[SO ₂]	28.4 (22.5)	→	42.6 (33.7)	[SO ₄]
	SO ₂ dry deposition	[SO ₂]	16.5 (16.5)			
	SO ₂ wet deposition	[SO ₂]	22.5 (25.4)			