

Forest type and latitude	Altitude	Isoprene	Ratio ^a	O ₃ , NO ₂ , NO ^b	Sampling time	References
Subtropical (24.70° N)	1690	0.377 ± 0.046	1.9 ± 0.5	51.9 ± 1.7, 2.39 ± 0.11, 0.80 ± 0.06	Daytime (summer)	This study
		0.159 ± 0.035	6.3 ± 1.4	55.5 ± 2.1, 2.51 ± 0.10, 0.66 ± 0.05	Nighttime (summer)	
		0.287 ± 0.032	4.0 ± 0.8	53.5 ± 1.3, 2.44 ± 0.07, 0.74 ± 0.04	Daily (summer)	
Subtropical (23.17° N)	1000	0.76 ± 0.50	– ^c	–	Daytime (all year)	Wu et al. (2016)
Subtropical (22.29° N)	507	1.028 ± 0.025	–	–	Daytime (summer)	Chen et al. (2010)
Subtropical (30.50° N)	130	0.39 ± 0.27	–	–	Daytime (spring)	Tang et al. (2009)
Tropical (18.67° N)	820	0.55 ± 0.52	–	–	Daytime (wet season)	Tang et al. (2009)
Deciduous (22.25° N)	80	0.370 ± 0.157	–	42 ± 22, –, 2.4 ± 3.6	Daytime (all year)	Wang et al. (2005)
Mt. Tai (36.25° N)	1533	0.15 ± 0.18	–	–	Daily (summer)	Zhu et al. (2017)
Tibet (36.3° N)	3816	0.126 ± 0.287	–	54 ± 11, 3.60 ± 1.13 ^d , 0.05 ± 0.03	Daily (summer)	Xue et al. (2013)
Temperate (45.56° N)	801	1.90 ± 0.43	0.4	–, 1.0, 0.1	Midday (summer)	Apel et al. (2002)
Ponderosa (39.1° N)	2840	0.148 ± 0.098	–	–	Daily (summer)	Rhew et al. (2017)
Deciduous (36.21° N)	1100	0.743 ± 0.575	0.6	–	Daily (summer)	Link et al. (2015)
Deciduous (43.93° N)	650	1.19	0.13 ± 0.05	–, < 3, < 0.2	Daily (summer)	Kalogridis et al. (2014)
Deciduous (45.20° N)	24	1.07 ± 0.80	0.5	–	Daily (summer)	Acton et al. (2016)
Coniferous (38.90° N)	1315	0.397 ± 0.558	–	–	Daily (summer)	Dreyfus et al. (2002)
Mediterranean (41.78° N)	720	0.43	0.7	37.5, 1.0, 0.8	Daily (summer)	Seco et al. (2011)
Tropical (4.98° N)	426	1.4 ± 1.2	< 0.4	–	Daily (dry season)	Langford et al. (2010)
Tropical (4.98° N)	426	1.058	0.5	–	Daily (wet season)	Jones et al. (2011)
Tropical (2.59° S)	103	1.66 ± 0.90	–	–	Daytime (wet season)	Alves et al. (2016)
Tropical (2.59° S)	103	3.4	0.31 ± 0.07	15.0, –, –	Daytime (dry season)	Kuhn et al. (2007)