

Tropics and subtropics region	Plume age	*ER <sub>[ΔO<sub>3</sub>]/[ΔCO]</sub>	Reference
Southern Africa	< 30 min	0.09	Hobbs et al. (2003)
Southern Africa	< 1 h	0.09	Yokelson et al., 2003
Mexico	< 2 h	0.08	Yokelson et al. (2009)
Southern Africa	≈ 2 h	0.10	Jost et al. (2003)
Brazil/Southern Africa	< 0.5 day	0.15	Mauzerall et al. (1998)
Brazil/Southern Africa	0.5–1 day	0.32	Mauzerall et al. (1998)
Southern Africa	< 1 day	0.01	Yokelson et al. (2003)
Northern Africa	≤ 2 days	0.23	Jonquière et al. (1998)
Southeast Asia	2–3 days	0.20	Kondo et al. (2004)
Brazil/Southern Africa	1–5 days	0.71	Mauzerall et al. (1998)
Southeast Asia	4–5 days	0.33	Bertschi et al. (2004)
Brazil/Southern Africa	5–7 days	0.74	Mauzerall et al. (1998)
South Africa/South America	≤ 10 days	0.75	Singh et al. (2000)
Africa/South America	10 days	0.41	Andreae et al. (1994)