

Species	Mixing ratio	Altitude	Location	References	Comments
O <sub>3</sub>	24 ppbv	500 m	10° N	Commane et al. (2010)	13:40 UTC – 17 August
	25 ppbv	< 900 hPa	10° N	Reeves et al. (2010)	Median value (20 July–21 August)
	25–30 ppbv	300–1700 m	12–13° N	Borbon et al. (2012)	08:00–18:00 UTC
	22 ppbv	< 700 m	7.2–13.1° N	Murphy et al. (2010)	Mean value (17 July–17 August)
Isoprene	1.2 ppbv	< 700 m	10° N	Ferreira et al. (2010)	13:45 UTC – 17 August
	0.604 ppbv	< 700 m	7.2–13.1° N	Murphy et al. (2010)	Mean value (17 July–17 August)
	1–1.5 ppbv	400–1450 m	10° N		12:00 UTC – 17 August
	0.2–1.5 ppbv	Surface	9.42° N; 1,44° E	Saxton et al. (2007)	Composite diurnal cycle (7 June–13 June)
OH	0.05–0.15 pptv	500 m	10° N	Commane et al. (2010)	13:45 UTC – 17 August
NO <sub>x</sub>	0.2 ppbv	< 900 hPa	10° N	Reeves et al. (2010)	Median value (20 July–21 August)
	0.1 ppbv	< 700 m	9° N	Delon et al. (2010)	Mean value (5 August–17 August)
O <sub>3</sub>	40 ppbv	< 2 km	Cotonou	Ancellet et al. (2009)	Afternoon flight – 19 August
	24–30 ppbv	0–2 km	Cotonou	Thouret et al. (2009)	Mean value (August 2006)
	26 ppbv	< 700 m	Lagos	Murphy et al. (2010)	B229 flight
	31 ppbv		Niamey		Mean value (17 July–17 August)
NO <sub>x</sub>	1 ppbv	< 2 km	Cotonou	Ancellet et al. (2009)	Afternoon flight – 19 August
OH	0–0.5 pptv	500 m	Lagos	Commane et al. (2010)	B229 flight