

All altitudes: a.s.l. Ground is at 2.3 km	All lidars w.r.t. ECC	AMOLITE w.r.t. all others	LMOL w.r.t. all others	TMTOL w.r.t. all others	TOPAZ w.r.t. all others	TROPOZ w.r.t. all others
Mean bias ⁶ 3–10 km	1.7 % 0.7 ppbv	1.9 % 0.2 ppbv	1.5 % 0.3 ppbv	−1.2 % −0.1 ppbv	1.3 % 0.5 ppbv	−1.6 % −0.4 ppbv
rms ⁶ 3–10 km	2.4 % 1.6 ppbv	4.4 % 2.2 ppbv	3.1 % 1.6 ppbv	5.1 % 3.4 ppbv	3.1 % 1.8 ppbv	3.5 % 1.9 ppbv
Effect. vert. resol. 3–5 km	/	300 m	150 m	600 m ²	500 m ¹	500 m ¹
Precision (30 min) 3–5 km	/	1.5 ppbv	1 ppbv	5 ppbv ²	Not available	1.5 ppbv
Effect. vert. resol. 5–8 km	/	700 m	600 m	900 m ²	1000 m ¹	1000 m ¹
Precision (30 min) 5–8 km	/	Night: 2.5 ppbv Day: 1.5 ppbv	1 ppbv	Night: 9 ppbv ² Day: 4 ppbv ³	Not available	1.5 ppbv
Effect. vert. resol. 8–11 km	/	1400 m	2000 m	1000 m ³	1500 m ¹	1500 m ¹
Precision (30 min) 8–11 km	/	Night: 5 ppbv Day: 1.5 ppbv	Night: 1 ppbv Day: 2 ppbv	Night: 5 ppbv ³ Day: 9 ppbv ³	Not available	Night: 3 ppbv Day: 7 ppbv
Systematic uncert. 3–8 km	/	2 ppbv	4 ppbv	2 ppbv	Not available	4 ppbv
Systematic uncert. 8–11 km	/	Night: 2 ppbv Day: 4 ppbv ⁵	Night: 4 ppbv Day: 10 ppbv ⁵	Night: 3 ppbv ⁴ Day: 2 ppbv	Not available	Night: 4 ppbv Day: 5 ppbv ⁵