

Date	Altitude (km)	CO <sub>2</sub> mole fractions ( $\mu\text{mol mol}^{-1}$ )	SF <sub>6</sub> mole fractions ( $\text{pmol mol}^{-1}$ )	CO <sub>2</sub> age (years)	SF <sub>6</sub> age (years)
22 Feb 2015	17.2	$398.2 \pm 0.2$	$8.38 \pm 0.09$	$0.4 \pm 0.3$	$0.3 \pm 0.5$
24 Feb 2015	18.5	$397.9 \pm 0.1$	$8.31 \pm 0.09$	$0.5 \pm 0.3$	$0.6 \pm 0.5$
24 Feb 2015	22.0	$397.1 \pm 0.2$	$8.07 \pm 0.02$	$0.9 \pm 0.3$	$1.3 \pm 0.4$
26 Feb 2015	23.9	$395.4 \pm 0.1$	$7.92 \pm 0.06$	$1.8 \pm 0.3$	$1.8 \pm 0.5$
28 Feb 2015	25.2	$394.1 \pm 0.3$	$7.47 \pm 0.04$	$2.4 \pm 0.3$	$3.3 \pm 0.5$
26 Feb 2015	27.4	$394.1 \pm 0.6$	$7.49 \pm 0.07$	$2.4 \pm 0.4$	$3.2 \pm 0.5$
28 Feb 2015	28.7	$394.2 \pm 0.7$	$7.37 \pm 0.04$	$2.4 \pm 0.4$	$3.6 \pm 0.5$