

					Stratosphere [100–10] hPa	Troposphere [1000–100] hPa
					$\left\langle \frac{a_{\text{opera}} - a_{\text{sonde}}}{a_{\text{sonde}}} \right\rangle [\%]$	$\left\langle \frac{a_{\text{opera}} - a_{\text{sonde}}}{a_{\text{sonde}}} \right\rangle [\%]$
Year	No. (SH, Tr, NH)	DFS	n_iter	SZA [°]	(SH, Tr, NH)	(SH, Tr, NH)
2003	(32, 107, 260)	$4.2 \pm 0.4$	$5.0 \pm 2.4$	$47.3 \pm 16.3$	(−5.0, −1.6, +0.8)	(+12.4, + <b>40.4</b> , +2.5)
2004	(80, 121, 439)	$4.3 \pm 0.5$	$5.0 \pm 2.1$	$50.6 \pm 18.3$	(−3.9, −1.3, +0.1)	(+5.9, + <b>27.8</b> , +0.1)
2005	(99, 121, 397)	$4.3 \pm 0.5$	$5.0 \pm 2.2$	$58.2 \pm 19.0$	(−3.9, +1.3, +1.5)	(+2.9, + <b>21.3</b> , −3.6)
2006	(78, 147, 481)	$4.1 \pm 0.5$	$5.0 \pm 2.2$	$45.8 \pm 18.9$	(−1.4, +2.1, +2.8)	(+5.3, + <b>17.4</b> , −9.7)
2007	(78, 88, 390)	$4.1 \pm 0.5$	$5.0 \pm 2.5$	$59.9 \pm 19.5$	(+0.4, +4.2, +4.0)	(−4.6, +0.7, −11.2)
2008	(119, 119, 373)	$4.2 \pm 0.5$	$5.0 \pm 2.0$	$54.2 \pm 19.5$	(−0.3, +5.7, +6.4)	(+3.9, −4.5, −12.0)
2009	(81, 101, 315)	$3.8 \pm 0.5$	$5.0 \pm 2.4$	$54.1 \pm 19.0$	(+1.3, +11.6, +6.3)	(−5.8, − <b>37.8</b> , − <b>22.9</b> )
2010	(90, 76, 360)	$3.8 \pm 0.5$	$5.0 \pm 2.4$	$56.3 \pm 19.1$	(+3.0, +11.8, +6.5)	(−12.1, − <b>40.1</b> , − <b>22.3</b> )
2011	(96, 60, 327)	$3.8 \pm 0.5$	$5.0 \pm 2.5$	$58.8 \pm 19.9$	(+1.0, +11.6, +8.4)	(−12.0, − <b>47.2</b> , − <b>22.8</b> )