

					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 ± 0.4	5.0 ± 2.4	47.3 ± 16.3	(−5.0, −1.6, +0.8)	(+12.4, + 40.4 , +2.5)
2004	(80, 121, 439)	4.3 ± 0.5	5.0 ± 2.1	50.6 ± 18.3	(−3.9, −1.3, +0.1)	(+5.9, + 27.8 , +0.1)
2005	(99, 121, 397)	4.3 ± 0.5	5.0 ± 2.2	58.2 ± 19.0	(−3.9, +1.3, +1.5)	(+2.9, + 21.3 , −3.6)
2006	(78, 147, 481)	4.1 ± 0.5	5.0 ± 2.2	45.8 ± 18.9	(−1.4, +2.1, +2.8)	(+5.3, + 17.4 , −9.7)
2007	(78, 88, 390)	4.1 ± 0.5	5.0 ± 2.5	59.9 ± 19.5	(+0.4, +4.2, +4.0)	(−4.6, +0.7, −11.2)
2008	(119, 119, 373)	4.2 ± 0.5	5.0 ± 2.0	54.2 ± 19.5	(−0.3, +5.7, +6.4)	(+3.9, −4.5, −12.0)
2009	(81, 101, 315)	3.8 ± 0.5	5.0 ± 2.4	54.1 ± 19.0	(+1.3, +11.6, +6.3)	(−5.8, − 37.8 , − 22.9)
2010	(90, 76, 360)	3.8 ± 0.5	5.0 ± 2.4	56.3 ± 19.1	(+3.0, +11.8, +6.5)	(−12.1, − 40.1 , − 22.3)
2011	(96, 60, 327)	3.8 ± 0.5	5.0 ± 2.5	58.8 ± 19.9	(+1.0, +11.6, +8.4)	(−12.0, − 47.2 , − 22.8)