

Physical and optical properties		2 Apr 2012	16 Apr 2013	8 May 2013	9 May 2013	14 May 2013
Optical thickness at 532 nm		0.33	0.24	0.27	0.33	0.25
Ångström exponent		0.49	0.47	1.82	1.28	0.78
Single-scattering albedo at 532 nm		0.98	0.97	0.97	0.96	0.95
Asymmetry factor at 532 nm		0.68	0.71	0.64	0.65	0.68
Real part of the refractive index at 532 nm		1.53	1.43	1.42	1.53	1.48
Imaginary part of the refractive index at 532 nm		0.001	0.001	0.003	0.004	0.004
Mode radius ( $\mu\text{m}$ )	fine	0.15	0.13	0.14	0.15	0.15
	coarse	2.43	2.28	2.15	3.61	1.93
Mode width	fine	0.31	0.46	0.43	0.44	0.48
	coarse	0.90	0.89	0.98	0.98	0.77
Volume ratio of nonspherical particles in the coarse mode		0.99	0.97	0.34	0.96	0.84
Lidar ratio at 532 nm		47	56	61	55	56