

Aerosol	Complex refractive index			Size distribution (μm)			Density	
	n	$k(440/670/870/1020)$		r_{mean}	r_{eff}	sigm	(g cm^{-3})	
DD	1.56	0.0029/0.0013/0.0001/0.0001		DST1	0.0421	0.14	2.0	2.5
				DST2	0.0722	0.24	2.0	2.5
				DST3	0.1354	0.45	2.0	2.5
				DST4	0.2407	0.80	2.0	2.5
				DST5	0.4212	1.40	2.0	2.65
				DST6	0.7220	2.40	2.0	2.65
				DST7	1.3540	4.50	2.0	2.65
BC (Case 1)	1.75	0.45		0.0118	0.039	2.0	1.0	
BC (Case 2)	1.95	0.79		0.0118	0.039	2.0	1.0	
OC	1.53	0.005		0.0212	0.087	2.2	1.8	
SU	1.43	1.0e-8		0.0695	0.156	2.03	1.7	
SS	1.5	1.55e-8		SSa	0.228	0.8	2.03	2.2
				SSc	1.64	5.73	2.03	2.2
Water	1.33	1.0e-8					1.0	