

	AOD (550 nm) MODIS-Aqua C6 2007–2015	AOD (532 nm) CALIOP V3 2006–2011 Winker et al. (2013)		AOD (532 nm) CALIOP V4.10 2007–2015 This study	
	Day	Day	Night	Day	Night
Global ocean	0.161	0.093	0.087	0.129 (9)	0.144 (13)
Global land	0.231	0.180	0.210	0.182 (26)	0.259 (67)