

$N$ layers	Geophysical event	Dominant aerosol type
2274	Puyehue-Cordón Caulle eruption, June 2011	Volcanic ash (Bignami et al., 2014)
69	Okmok eruption, July 2008	Volcanic ash (Prata et al., 2010)
58	Chaitén eruption, May 2008	Volcanic ash (Prata et al., 2010)
2439	Kasatochi eruption, August 2008	Volcanic sulfate (Krotkov et al., 2010)
256	Nabro, June 2011	Volcanic sulfate (Theys et al., 2013)
813	Siberian fires, May–June 2012	Smoke
399	Canadian fires, July–August 2007	Smoke
1624	Australian bush fire, February 2009	Smoke, depolarizing (de Laat et al., 2012)
161	Canadian fires, May 2007	Smoke, depolarizing