

Extinction QC flag values and definitions	Frequency (%)
0 – Lidar ratio is default value, unchanged	96.3
1 – Lidar ratio is measured	0.01
2 – Lidar ratio is reduced from default value	1.73
16 – Lidar ratio is default value, layer is opaque	1.44
18 – Lidar ratio is reduced from default value, layer is opaque	0.31
4, 8, 32, 64, 128, 256 – special error states	0.19