



Lightning Trends, 2001-2016

Title	Lightning Trends, 2001-2016
Publisher	New Zealand's Environment Reporting Series: The Ministry for the Environment and Statistics New Zealand
Description	Lightning is the discharge of electricity from thunderstorms and can occur within a cloud, between clouds, or between a cloud and the ground. By international standards, lightning does not occur frequently around New Zealand. However, ground strikes can injure or kill people and livestock, damage property and infrastructure, and, although rarely in New Zealand, spark forest fires. Thunderstorms are often associated with other severe weather events, such as strong wind gusts and hail. Thunderstorms may increase in frequency and intensity with climate change. Trend direction was assessed using the Theil-Sen estimator and the Two One-Sided Test (TOST) for equivalence at the 95% confidence level. More information on this dataset and how it relates to our environmental reporting indicators and topics can be found in the attached data quality pdf.
Source	MetService courtesy of Transpower New Zealand Limited
Rights	Creative Commons Attribution 4.0 New Zealand
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Rights	http://creativecommons.org/licenses/by/4.0/
Coverage	2001-2016; national
Identifier	https://data.mfe.govt.nz/table/89427-lightning-trends-20012016/
Identifier	AC17/029
Type	Dataset
Language	eng-nz
Subject	climate, extreme weather, Environmental reporting series: Our atmosphere and climate 2017