



Lightning recorders

Title	Lightning recorders
Creator	Environmental Reporting, Ministry for the Environment and Statistics New Zealand
Date	2015-10-21
Description	"Lightning is the discharge of electricity from thunderstorms. Ground strikes can cause significant damage to property and infrastructure, and injure or kill people and livestock. Lightning is often associated with other severe weather events, such as strong wind gusts. Thunderstorms may increase in frequency and intensity with climate change. This dataset shows the location of sensors in the New Zealand Lightning Detection Network (NZLDN), owned by Transpower and run by MetService. Sensors around the country detect lightning over the New Zealand land mass and a short distance out to sea. These sensors detect very accurately the electrical discharge, location, and time, as well as noting other parameters such as current strength. The NZLDN records both cloud-to-cloud and cloud-to-ground strikes. "
Source	Source: Data courtesy Transpower New Zealand Limited. Method: "This dataset shows the location of sensors in the New Zealand Lightning Detection Network (NZLDN), run by MetService. Sensors around the country detect lightning over the New Zealand land mass and a short distance out to sea. These sensors detect very accurately the electrical discharge, location, and time, as well as noting other parameters such as current strength. The NZLDN records both cloud-to-cloud and cloud-to-ground strikes. "
Coverage	-45.926341001 167.641599 -35.0683440007 177.984821
Identifier	https://data.mfe.govt.nz/layer/53312-lightning-recorders/
Language	eng
Subject	environment
Subject	New Zealand
Subject	CLIMATE-AND-WEATHER
Subject	CLIMATE-AND-WEATHER-Extreme-weather-events
Subject	HAZARDS-Severe-local-storms