



## Global and New Zealand temperatures, five year running average (1911-2010)

Title	Global and New Zealand temperatures, five year running average (1911-2010)
Publisher	New Zealand's Environment Reporting Series: The Ministry for the Environment and Statistics New Zealand
Description	Temperature change is influenced by changes in atmospheric composition that result from greenhouse gas emissions. It is also linked to atmospheric circulation changes (eg the El Niño southern oscillation). It can have a significant effect on agriculture, energy demand, and recreation. The primary aim of the datasets is to provide a tool to show average New Zealand and global temperatures compared to a reference temperature in order to compare this with expected global climate change in response to mechanisms such as atmospheric carbon dioxide, volcanic aerosols, and solar irradiance changes. Further information can be found in: Tait, A, Macara, G, & Paul, V. (2014) Preparation of climate datasets for the 2015 Environmental Synthesis Report: Temperature, Rainfall, Wind, Sunshine and Soil Moisture. Prepared for Ministry for the Environment. Available at <a href="https://data.mfe.govt.nz/x/Fwn9AL">https://data.mfe.govt.nz/x/Fwn9AL</a> on the Ministry for the Environment dataservice ( <a href="https://data.mfe.govt.nz/">https://data.mfe.govt.nz/</a> ). This dataset relates to the "National temperature time series" measure on the Environmental Indicators, Te taiao Aotearoa website.
Source	National Institute for Water and Atmospheric Research
Rights	Creative commons 3.0 (automatic)
Rights	Attribution 3.0 New Zealand
Rights	<a href="http://creativecommons.org/licenses/by/3.0/nz/">http://creativecommons.org/licenses/by/3.0/nz/</a>
Coverage	1911-2010. Auckland, Masterton, Wellington, Hokitika, Nelson, Lincoln and Dunedin
Identifier	<a href="https://data.mfe.govt.nz/table/52573-global-and-new-zealand-temperatures-five-year-running-average-19112010/">https://data.mfe.govt.nz/table/52573-global-and-new-zealand-temperatures-five-year-running-average-19112010/</a>
Type	Dataset
Language	New Zealand English